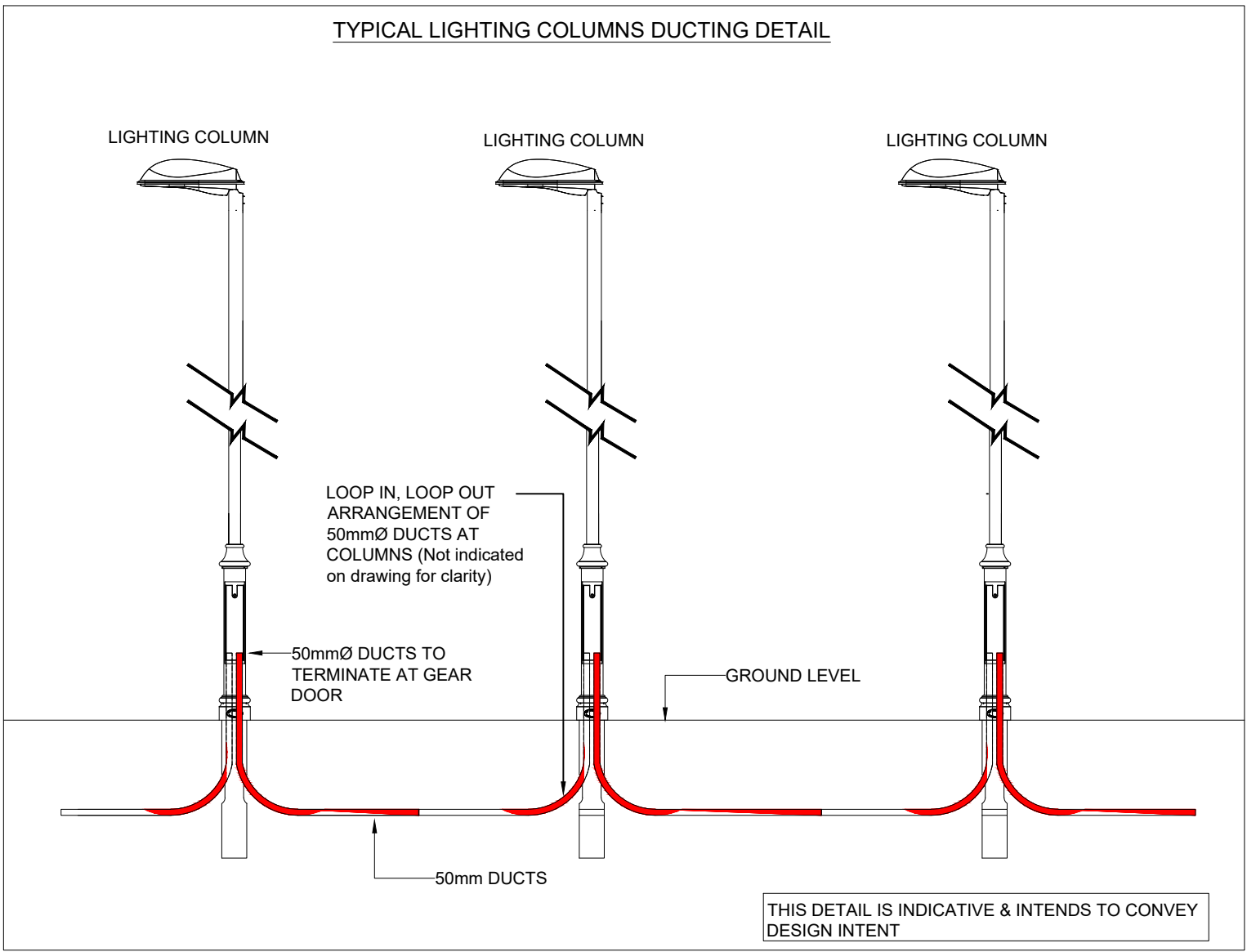




- PUBLIC LIGHTING NOTES:
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS & CONTRACT DOCUMENTS
 2. THE CONTRACTOR SHALL ENSURE THAT THE INSTALLATION COMPLIES WITH LOCAL AUTHORITY CODES AND ALL OTHER RELEVANT STANDARDS.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF ALL UNDERGROUND SERVICES.
 4. THE CONTRACTOR IS TO ALLOW FOR THE SUPPLY AND INSTALLATION OF ACCESS CHAMBERS ON DUCTING AS REQUIRED AT CHANGES IN DIRECTION & ON DUCT RUNS IN EXCESS OF 50M
 5. WIDE RADIUS & GENTLY SWEEPING BENDS TO BE USED ON DUCTING SET IN CONCRETE
 6. ALL DUCTING TO BE LOCATED IN FOOTPATHS & SOFT LANDSCAPING
 7. NOT MORE THAN SIX COLUMNS MAY BE SUPPLIED FROM ANY ONE CIRCUIT AND NOT MORE THAN FOUR CIRCUITS MAY BE TAKEN FROM ANY ONE PUBLIC LIGHTING MICRO PILLAR
 8. SITE LIGHTING SHALL BE WIRED IN 3C 10mm sq XLPE/SWA/LSF IN DUCTING.
 9. A MINIMUM COVER OF 600mm TO THE DUCTING SHOULD BE PROVIDED IN GRASS MARGINS. A MINIMUM COVER OF 750mm TO THE DUCTING SHOULD BE PROVIDED AT ROAD CROSSINGS
 10. CABLE JOINTS ARE NOT PERMITTED. CABLES SHOULD BE LOOPED FROM COLUMN TO COLUMN ON EACH CIRCUIT
 11. STREET LIGHTING COLUMNS SHALL BE 6m & 8m OCTAGONAL GALVANISED COLUMNS SUPPLIED BY PILTOWN ENGINEERING, LAMPPOST CONSTRUCTION OR EQUAL & APPROVED. COLUMNS & COLUMN INSTALLATION TO COMPLY WITH DEPARTMENT OF THE ENVIRONMENT & LDICAL AUTHORITY REQUIREMENTS
 12. EACH SITE-LIGHTING COLUMN SHALL BE C/W A FUSED CUT OUT & LOOPING CABLE CONNECTION
 13. LIGHTING COLUMNS TO BE POSITIONED TO COINCIDE WITH PROPERTY PARTY LINES TO AVOID OBSTRUCTING ENTRANCES.
 14. THE CONTRACTOR SHALL NOTE THAT ALL PUBLIC LIGHTING DUCTING TO BE RED HIGH DENSITY POLYETHYLENE (HDPE) 50/100mm 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.
 15. PUBLIC LIGHTING CONNECTION SHALL BE BY UNDERGROUND CABLE FROM THE NEAREST ESB NETWORKS MINIPILLAR TO THE PUBLIC LIGHTING SYSTEM MICRO-PILLAR.
 16. THE CONTRACTOR SHALL SUPPLY AND INSTALL AN ESB NETWORKS APPROVED MPE 50mm OD RED CONTINUOUS SERVICE DUCT AT A DEPTH OF 600mm FROM ESB NETWORKS/MINIPILLAR VAULT, TO THE PUBLIC LIGHTING SYSTEM MICRO-PILLAR.
 17. THE CONTRACTOR SHALL INSTALL ESB NETWORKS APPROVED YELLOW WARNING TAPE 300mm BELOW FINISHED GROUND LEVEL ALONG THE FULL LENGTH OF AND OVER THE DUCT.
 18. THE CONTRACTOR SHALL SUPPLY AND INSTALL A STRONG CONTINUOUS 10mm POLYPROPYLENE DRAW ROPE SECURED AT BOTH ENDS IN THE DUCT.
 19. THE CONTRACTOR SHALL PROVIDE A COMPLETION CERTIFICATE FOR THE PUBLIC LIGHTING SYSTEM.
 20. THERE SHOULD BE A SEPARATION OF AT LEAST 2 METERS BETWEEN ESB NETWORKS/MINIPILLAR AND THE PUBLIC LIGHTING SYSTEM MICRO-PILLAR, PUBLIC LIGHTING COLUMN OR ANY OTHER PRIVATE MICRO PILLAR.

THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCING WORKING DRAWINGS

ELECTRICAL LEGEND	
	EXISTING UNDERGROUND STREET/SITE LIGHTING CABLE ROUTE (SUBJECT TO IDENTIFICATION ON SITE)
	EXISTING OVERHEAD STREET/SITE LIGHTING CABLE ROUTE (SUBJECT TO IDENTIFICATION ON SITE)
	DENOTES 50mm DIA RED ESB DUCT WITH 10mm NYLON ROPE DRAW WIRE SHALL BE INSTALLED FROM ESB MINI PILLAR TO PL MICRO PILLAR
	PROPOSED PUBLIC LIGHTING DUCTING ROUTE. DUCTS SHALL BE UPVC COMPLYING WITH BSS308 CLASS B OR HIGH DENSITY POLYTHENE PIPE TO I.S.135 CLASS B. MINIMUM SIZE 100mm WITH 100mm SPARE DUCTS DEPLOYED AT ROAD CROSSINGS. DUCTING TO BE STAMPED 'PUBLIC LIGHTING' OR 'STREET LIGHTING' AT 1m INTERVALS.
	PROPOSED (800x800) CONCRETE DRAW PIT / INSPECTION CHAMBER
	EXISTING ESB MINI-PILLARS
	PROPOSED ESB MINI-PILLARS WITH VC2 VAULT INSTALLED DIRECTLY IN FRONT
	PROPOSED ESB MICRO-PILLARS FOR UNMETERED SUPPLIES PUBLIC LIGHTING
	DENOTES 6 METRE COLUMN MOUNTED PUBLIC LIGHTING LUMINAIRE
	DENOTES COLUMN 6 METRE MOUNTED PUBLIC LIGHTING AMENITY LUMINAIRE
	DENOTES EXISTING STREET LIGHTING LUMINAIRE & 6m COLUMN.

Luminaire Data
Luminaire B YDA MIDI 5121 Flat glass
8 XP-G3@400mA NW 740 230V 437312
Lamp 8 XP-G3@400mA NW 740 230V MF 0.81
Luminaire C AXIA 2.1 5167 Integrated lenses
24 OSLO SQUARE GIANT@350mA
NW 740 230V 00-56-646 MF 0.81

- Key
- Luminaire B Column
 - Luminaire C Column
 - Beam Aiming Target
 - Photometric Centre

P05	UPDATED SITE PLAN - ISSUED FOR PLANNING	EK	GF	22.07.2026
P04	ISSUED FOR PLANNING	EK	GF	14.07.2026
P03	ISSUED FOR PLANNING	EK	GF	17.04.2026
P02	ISSUED FOR PLANNING	EK	GF	18.03.2026
P01	ISSUED FOR PLANNING	EK	GF	16.12.2025

REV	DESCRIPTION	DRN	CHK	DATE
ISSUE				

PLANNING STAGE



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PROJECT TITLE
HOUSING DEVELOPMENT, DARNDALE, CO. DUBLIN

DRAWING TITLE
SITE SERVICES - PROPOSED LIGHTING
ARRANGEMENT

DRAWING REFERENCE	DRN	SCALE
3223-SMK-XX-ZZ-DR-E-60021	AS	A1 1:500