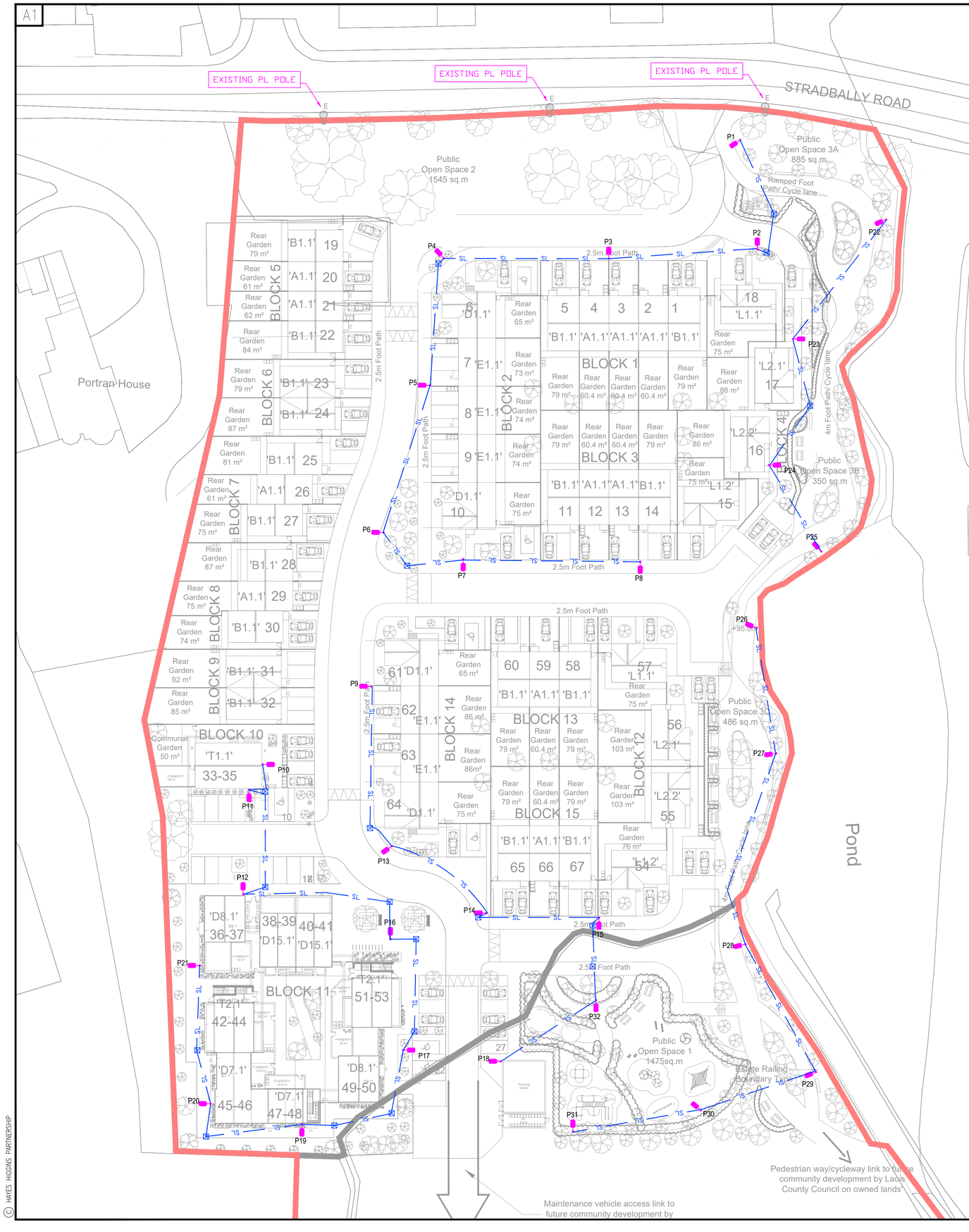
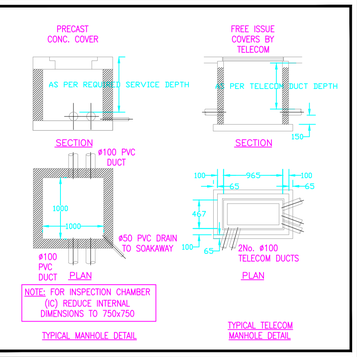
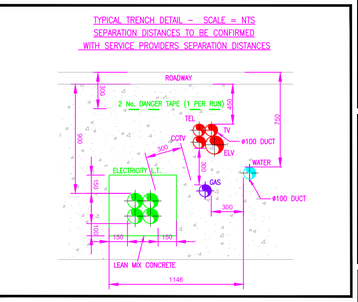
A1

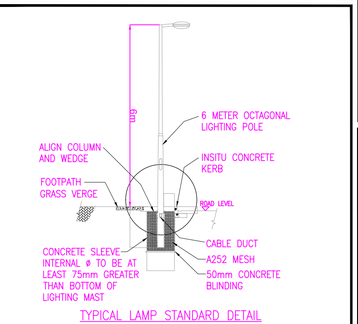


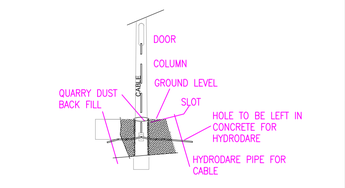
LEGEND

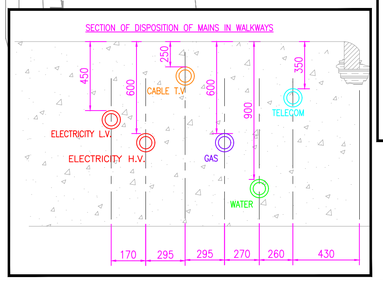
- EXTERNAL LIGHTING DUCT ø100mm (RED)
- EXISTING LIGHTING DUCT
- P'n' — LED LANTERN, 22W, 3500lm, 4000K, DW50 DISTRIBUTION ON 6m POLE
- E — EXISTING LUMINAIRE
- MANHOLE FOR DRAWING WIRES, ACCESS AND MAINTENANCE.
- MPn — ESB MINIPILLAR "n"
- uPn — PL MICROPILLAR "n"











NOTES:

GENERAL NOTES:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, C&S ENGINEERS DRAWINGS & SPECIFICATIONS.
2. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT BUILDING REGULATIONS.
3. DO NOT SCALE – WORK TO FIGURE DIMENSIONS ONLY.

NOTES:

1. Ducting shall comply with latest version of BS EN 50086 and shall be single wall, coloured red and manufactured from high-density polyethylene. The nominal external diameter of the duct shall be 107mm with a minimum wall thickness of 5mm.
2. Each length of duct shall be stamped with the words "Public Lighting" or "Street Lighting", in 18mm black lettering repeated at 1-metre intervals.
3. Ducts shall be laid with the legend facing upwards, in a straight line, close to the line of the column locations and shall contain a continuous draw wire of 8 kN strength.
4. Sand should be used to backfill to 150mm above the top of the ducting.
5. A clearance of at least 100mm shall be allowed to the trench wall.
6. An identifying tape must be placed on top of the sand.
7. A minimum depth of 450mm cover is required in urban footways, grass margins, pedestrian ways, laneways and vehicular accesses; and a minimum depth of 750mm is required at road crossings or under roadways.
8. Installation to comply with the Midland Counties Public Lighting Specification

IHEEM

Qualitas Veritas ISO 9001-2015

ENGINEERS IRELAND cpd ACCREDITED COMPANY

Referenced drawings

Dwg No.	Dwg Title

Issue register

Rev.	Date	Description	Dwn.	Chkd.	Apprvd.
P1	08/11/23	INFORMATION	HP	BC	BC
P2	11/02/25	INFORMATION	HP	BC	BC
P3	08/04/25	INFORMATION	HP	BC	BC
P4	09/05/25	INFORMATION	HP	BC	BC
P5	19/08/25	INFORMATION	HP	BC	PP

Client: WICKLOW COUNTY COUNCIL

Job Description: OGP 67 HOUSING UNITS IN STRADBALLY RD, PORTLAOISE, Co. LAOIS

Status: INFORMATION

Drawing Title: PUBLIC LIGHTING SITE SERVICES LAYOUT

Project No:	Drawing Ref:	Rev:
23ME002	ME-1000(C)	P5
Date: 08/11/2023	Scale: 1:400 @ A1 (1:800@A3)	
Drawn By: H.P.	Checked By: B.C.	Approved By: B.C.

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A.3.4

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CADFILE: 23ME002-ME-1000.dwg