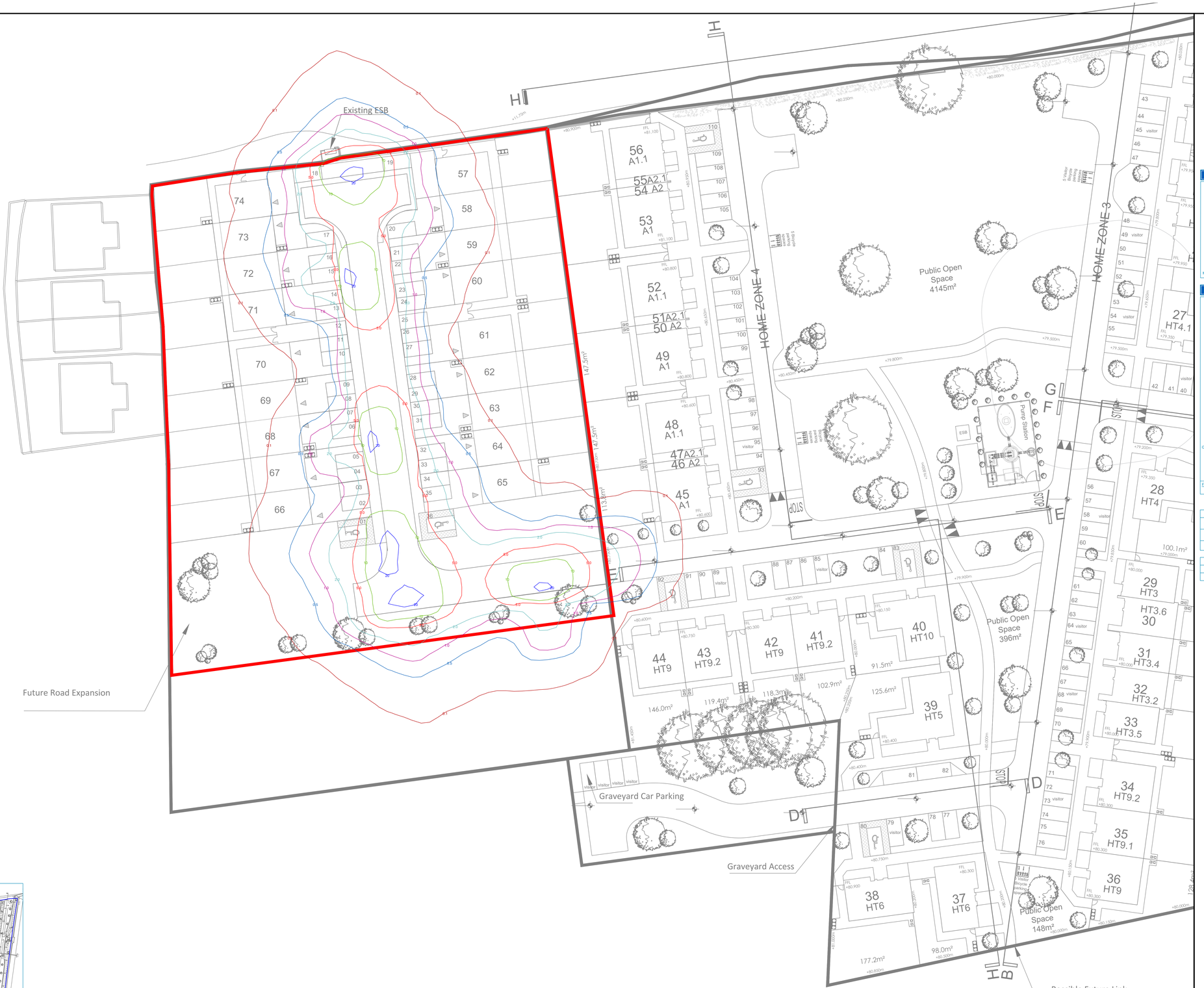
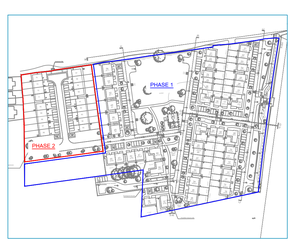
A0



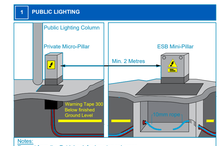




KEYPLAN

1 REALITY CONTOURS LAYOUT
SCALE: 1:250 @ A0

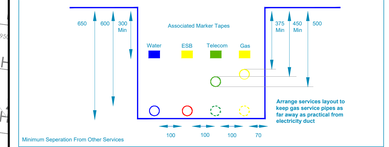
Notes:
1. Do **NOT** scale from this drawing.
2. The actual results achieved may vary from predicted values due to normal deviation in luminaire installation, electrical supply, equipment tolerances, obstructions including poles, brackets and mounting arms, reflectances etc.
3. This design is based on a preliminary assessment only and will be developed during the detailed design stage by the Public Lighting Specialist.

**1 PUBLIC LIGHTING**

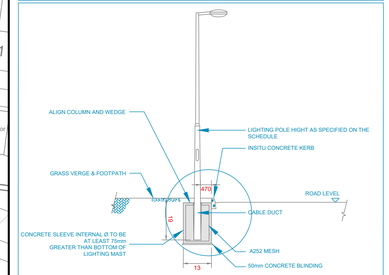



Notes:
Excerpt from the Guidebook for housing schemes.
Please refer to complete document for all details required.
All ESB infrastructure is to be installed in accordance with ESB publication "*Guidebook for housing schemes*"

**2 CROSS-SECTION OF UTILITY SERVICES TRENCH WITHIN HOUSE OWNERS PROPERTY MINIMUM DEPTH AND MINIMUM SPACING REQUIREMENTS**




**3 TYPICAL LAMP STANDARD DETAIL**




For additional information, please refer to Veolite data sheets:
- Tubular Pole Series
- Collar Bracket

**LUMINAIRE SCHEDULE**

| Symbol | Description | Lamp(s) | M.F. | Quantity | Lamp Flux (klm) | Imax 70,80,90 (cd/klm) |
|---|---|---|---|---|---|---|
| | Veolite Metro Streetlight 27w LED Forward Throw A Optic | Lamp 12LED 3000K G4 | 0.80 | 3 | 3.39 | 401.3, 47.0, 0.5 |
| | Veolite Metro Streetlight 27w LED Street Optic R03 | Lamp 12LED 3000K G4 | 0.80 | 3 | 3.40 | 537.8, 56.5, 0.3 |

**CALCULATION SUMMARY**

| Description | Eav | Emin | Emax | Emin/Emax | Emin/Eav | Emax/Eav |
|---|---|---|---|---|---|---|
| Road & Paths | 9.55 | 1.92 | 25.26 | 0.08 | 0.20 | 2.65 |

**LEGEND**

| | |
|---|---|
| | Luminaire A |
| | Luminaire B |
| | Beam Aiming Target |
| | Photometric Centre |
| MH XX | ESB Minipillar |
| PH XX | Public Lighting Monopillar |
| IC | Inspection Chamber |
| PL | Public Lighting Duct |

- Cable size shall not be less than 3 x 6sq PVC/SWA/PVC with integral earth.
- The size of the cable shall be adequate to limit to 4%voltage drop (no more than 9.2 volts) from the ESB Networks supply point.



Veolite Metro Streetlight

S3 - INFORMATION

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Figured dimension only to be taken from this drawing. All dimensions to be checked on site. Consultants to be informed immediately of any discrepancies before work proceeds.

| REV NO: | DATE: | REVISION NOTE: | DWN BY: | CKD BY: |
|---|---|---|---|---|
| P01 | 05/06/2026 | S3 - REVIEW AND COMMENT | CL | HA |

| | |
|---|---|
| CLIENT: | Galway County Council |
| PROJECT: | Cosmona, Loughrea, Co. Galway - Phase 2 |
| TITLE: | REALITY CONTOURS LAYOUT<br>PUBLIC LIGHTING LAYOUT |

| DRAWN: | CHECKED: | APPROVED: | JOB NO: | REV: |
|---|---|---|---|---|
| CL | HA | DC | 260550 | P01 |
| DATE: 05/06/2026 | SCALE: 1:250 | | DRAWING NO: 260550-ORS-XX-XX-DR-E-6002 | |

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