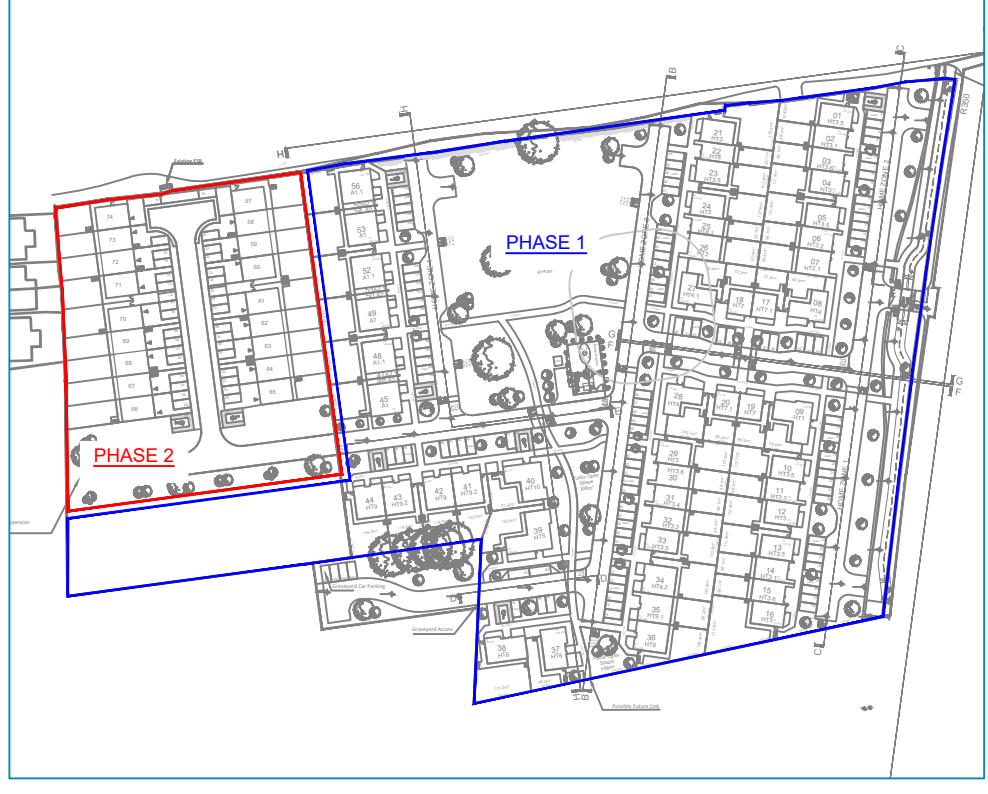
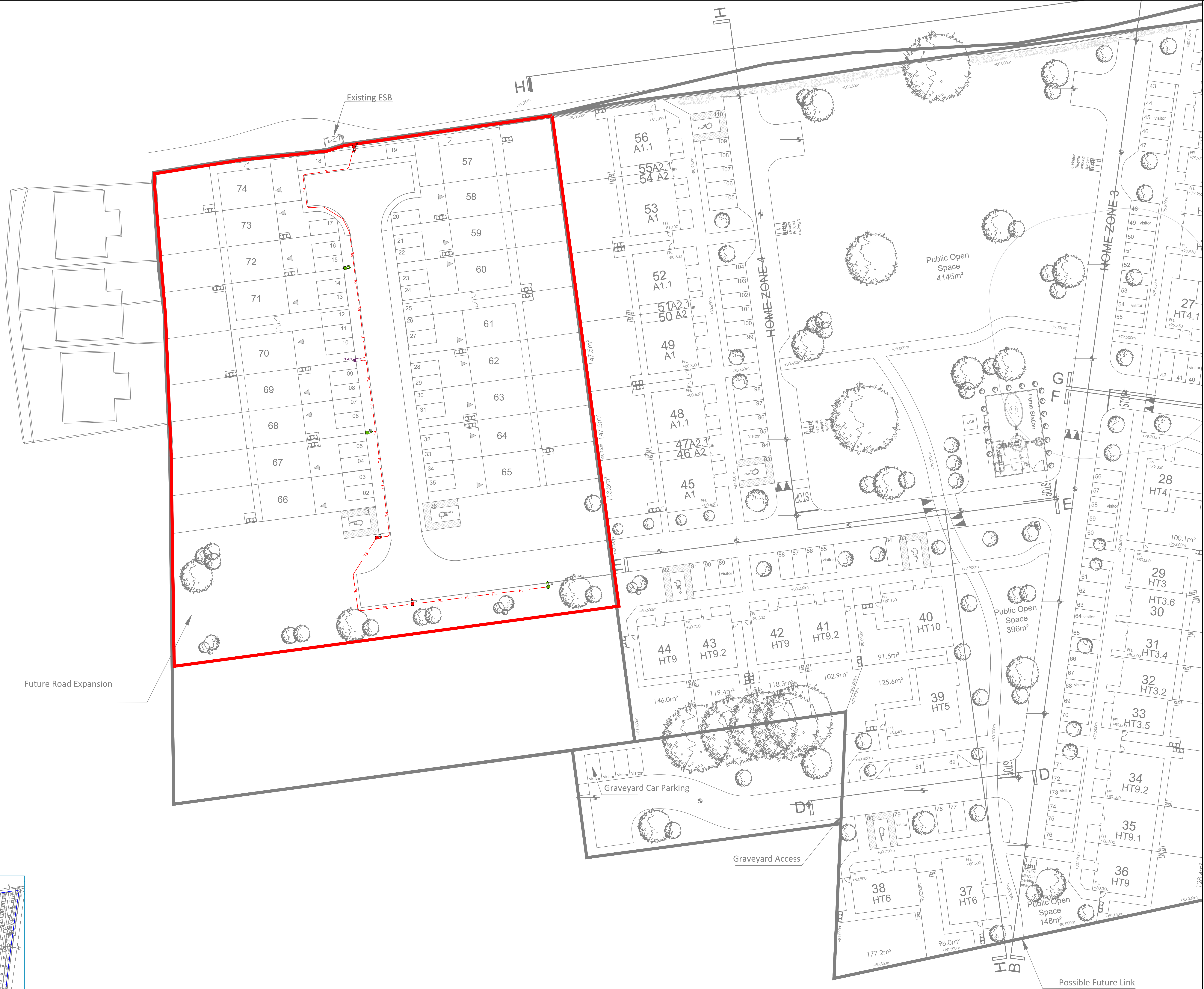




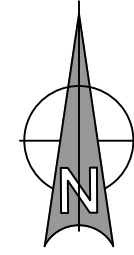
KEY PLAN

1 PUBLIC LIGHTING LAYOUT
SCALE: 1:250 @ A0

S3 - INFORMATION

REV NO.	DATE	REVISION NOTE	DWN BY	CHK BY
P01	05/06/2026	S3 - REVIEW AND COMMENT	CL	HA

© CRS
This drawing and any design herein is the copyright of the
Consultants and must not be reproduced without their written consent.
All drawings remain the property of the Consultants.
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.



CLIENT:	Galway County Council
PROJECT:	Cosmona, Loughrea, Co. Galway - Phase 2
TITLE:	SITE SERVICES LAYOUT PUBLIC LIGHTING LAYOUT
DRAWN:	CL
CHECKED:	HA
APPROVED:	DC
DATE:	05/06/2026
SCALE:	1:250
JOB NO:	260550
DRAWING NO:	260550-ORS-XX-XX-DR-E-6001
REV:	P01

ORS

Mullingar | Dublin | Galway | Donegal | Cork | Waterford
T: +353 1 5242060 | W: www.ors.ie | E: info@ors.ie
ISO 9001:2015 QUALITY ASSURED COMPANY

Notes:

- Do NOT scale from this drawing.
- The actual results achieved may vary from predicted values due to normal deviation in furniture installation, electrical supply, equipment tolerances, obstructions including poles, brackets and mounting arms, reflectors etc.
- 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

300mm
Example 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

Minimum Separation From Other Services
Average services layout to keep gas service pipe as far away as practical from electricity duct

3 TYPICAL LAMP STANDARD DETAIL

ALIGN COLUMN AND WEDGE
LIGHTING POLE HEIGHT AS SPECIFIED ON THE SCHEDULE
IN-SITU CONCRETE KERB
GRASS VERGE & FOOTPATH
CONCRETE SLEEVE INTERNAL IS TO BE GREATER THAN BOTTOM OF LIGHTING MAST
A252 MESH
50mm CONCRETE BLINDING

For additional information, please refer to Veolia data sheets:
Lamp Pole
Cable Bracket

LUMINAIRE SCHEDULE						
Symbol	Description	Lamp(s)	M.F.	Quantity	Lamp Flux (lm)	Area 70,00,00 (cd/klm)
●	Veolia Metro Streetlight 27w LED Forward Throw A Optic	Lamp 12LED 3000K G4	0.80	3	3.39	401.3, 47.0, 0.5
●	Veolia 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	Exw	Emw	Emax	Emw/Emax	Emw/Exw	Emax/Exw
Road & Paths	9.05	1.92	25.26	0.08	0.20	2.66

LEGEND

- Luminaire A
- Luminaire B
- Beam Aiming Target
- Photometric Centre
- ESB Micro-Pillar
- Public Lighting Micro-Pillar
- IC Inspection Chamber
- PL Public Lighting Duct

* Cable size shall not be less than 1 x this
* Cable size shall not be less than 1 x this
* The size of the cable shall be adequate to load the challenge that the cable has to carry from the ESB Network supply point.

Veolia Metro Streetlight