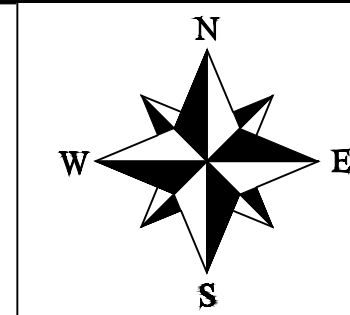
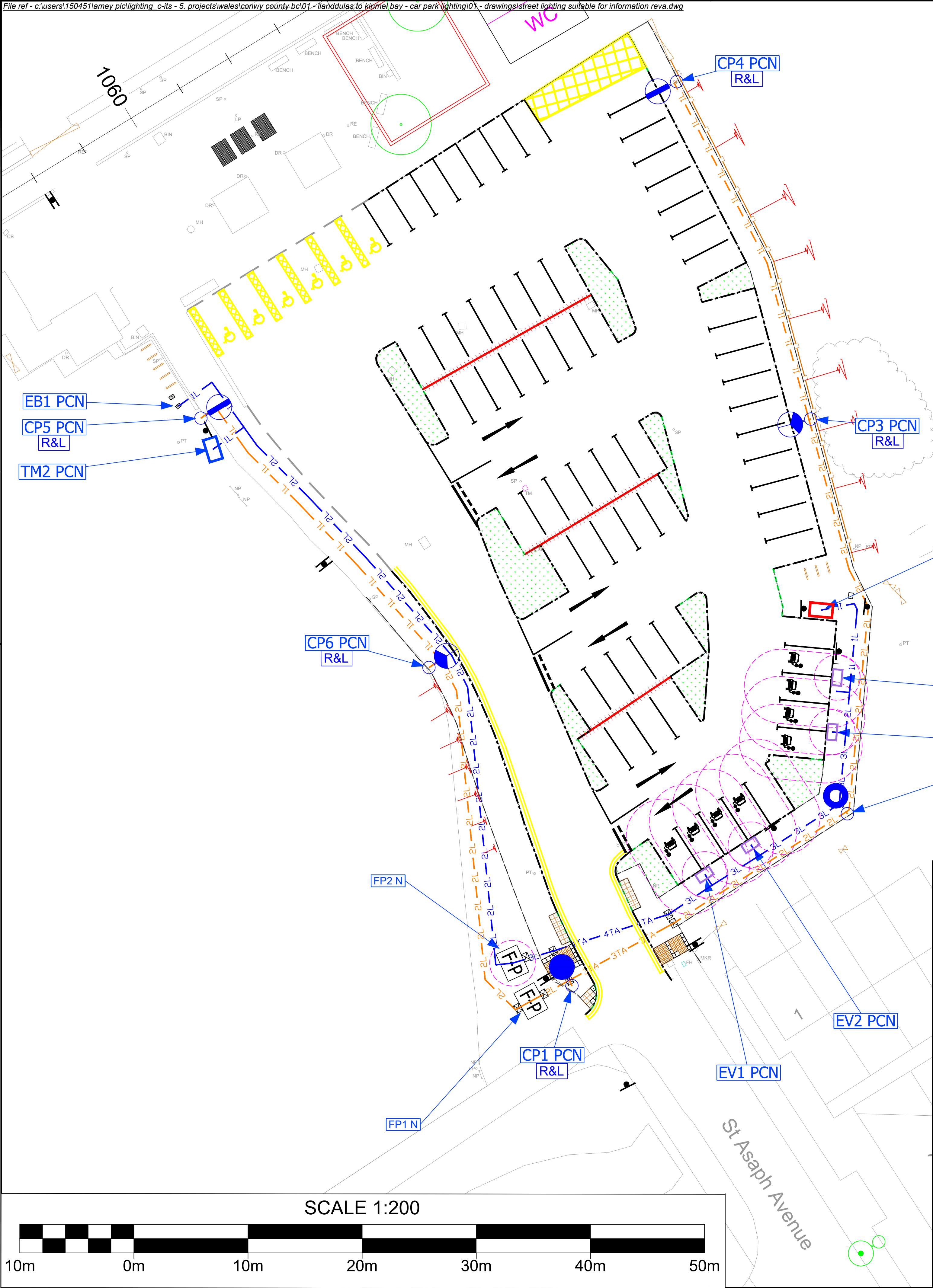




KEY

- Proposed 8m raise and lower steel column fitted with a TRT Aspect AS64 LED 95W GA2 4000K FG - 14.40km output luminaire fitted post top at 0 degree tilt. Lantern to include: Power set module for site power adjustment. Charge Code 42 0090 0000 100
- Proposed 8m raise and lower steel column fitted with a TRT Aspect AS64 LED 90W GA3 4000K FG - 13.96km output luminaire fitted post top at 0 degree tilt. Lantern to include: Power set module for site power adjustment. Charge Code 42 0090 0000 100
- Proposed 8m raise and lower steel column fitted with a TRT Aspect AS64 LED 85W GA1 4000K FG - 11.94 km output luminaire fitted post top at 0 degree tilt. Lantern to include: Power set module for site power adjustment. Charge Code 42 0085 0000 100
- Proposed 6m raise and lower steel column fitted with a TRT Aspect AS32 LED 35W GR4 4000K FG - 4.54km output luminaire fitted post top at 0 degree tilt. Lantern to include: Power set module for site power adjustment. Charge Code 42 0035 0000 100
- Proposed dual EV charging point 2 x 7.4KW
- Proposed E bike charging point
- Proposed ticket machine
- Relocated ticket machine
- Existing column to remain
- Proposed feeder pillar
- Proposed 600mm x 600mm chamber
- Proposed 1 No. 100mm longitudinal or local duct installed in verge and/or footways using open trench methods as detailed in MCX drawing 0814 in HCD Volume 3a. To be used for EV bicycle charging points, EV car charging points & ticket machines.
- Proposed 2 No. 100mm longitudinal or local duct installed in verge and/or footways using open trench methods as detailed in MCX drawing 0814 in HCD Volume 3a. To be used for EV bicycle charging points, EV car charging points & ticket machines.
- Proposed 3 No. 100mm longitudinal or local duct installed in verge and/or footways using open trench methods as detailed in MCX drawing 0814 in HCD Volume 3a. To be used for EV bicycle charging points, EV car charging points & ticket machines.
- Proposed 4 No. 100mm transverse duct installed in carriageway using open trench methods as detailed in MCX drawing 0814 in HCD Volume 3a. To be used for EV bicycle charging points, EV car charging points & ticket machines.
- Proposed 1 No. 100mm longitudinal or local duct installed in verge and/or footways using open trench methods as detailed in MCX drawing 0814 in HCD Volume 3a. To be used for street lighting.
- Proposed 2 No. 100mm longitudinal or local duct installed in verge and/or footways using open trench methods as detailed in MCX drawing 0814 in HCD Volume 3a. To be used for street lighting.
- Proposed 3 No. 100mm transverse duct installed in carriageway using open trench methods as detailed in MCX drawing 0814 in HCD Volume 3a. To be used for street lighting.
- TT connection inclusion zone around EV charging point or feeder pillar
- TT connection inclusion zone around EV bus stop and EV car parking bay

NOTES:

- All works to comply with Conwy County Borough Council Specifications.
- All electrical installation work to be carried out in accordance with the requirements of HEA, NICEIC and BS 7671 (IET Wiring Regulations). Electrical Installation Certificates to be forwarded to Conwy County Borough Council.
- Illustrated underground cable and duct runs are indicative and must be agreed on site with representatives from Conwy County Borough Council.
- Continued use of any existing private cable network affected by the programmed works shall be subject to the results of a condition survey carried out at the construction stage. Failure to comply with the requirements of BS7671 will call for the cable to be replaced.
- HAZARD WARNING: Information pertaining to local underground gas and electricity services must be sought prior to commencement of works and excavation. The service owner may need to be consulted.
- All luminaires shall have a colour temperature of 4000 Kelvin (neutral white)
- Lanterns to be suitable for lighting columns complete with 1"male threaded top section secured with counter-nut.
- Photocells to have a switching regime 35:18 Lux.
- Where raise and lower columns are specified in areas where there is restricted vehicle access for maintenance or restriction with barriers, the columns shall be mid hinged for ease of maintenance. The means of lowering shall not require the use of a hydraulic platform.
- Ducting to be 100mm orange
- EV1 PCN, EV3 PCN and TM2 PCN to have a NAL168 Tee Base with EV dispenser adapter plates installed as well as a duct adapter and blanking plate to allow for the 25mm² single core cable to the earth spike
- EV2 PCN, EV4 PCN, TM1 PCN, EB1 PCN and EB2 PCN to have a NAL168 Duckfoot Bend with EV dispenser adapter plates installed as well as a duct adapter and blanking plate to allow for the 25mm² single core cable to the earth spike

NUMBERING KEY

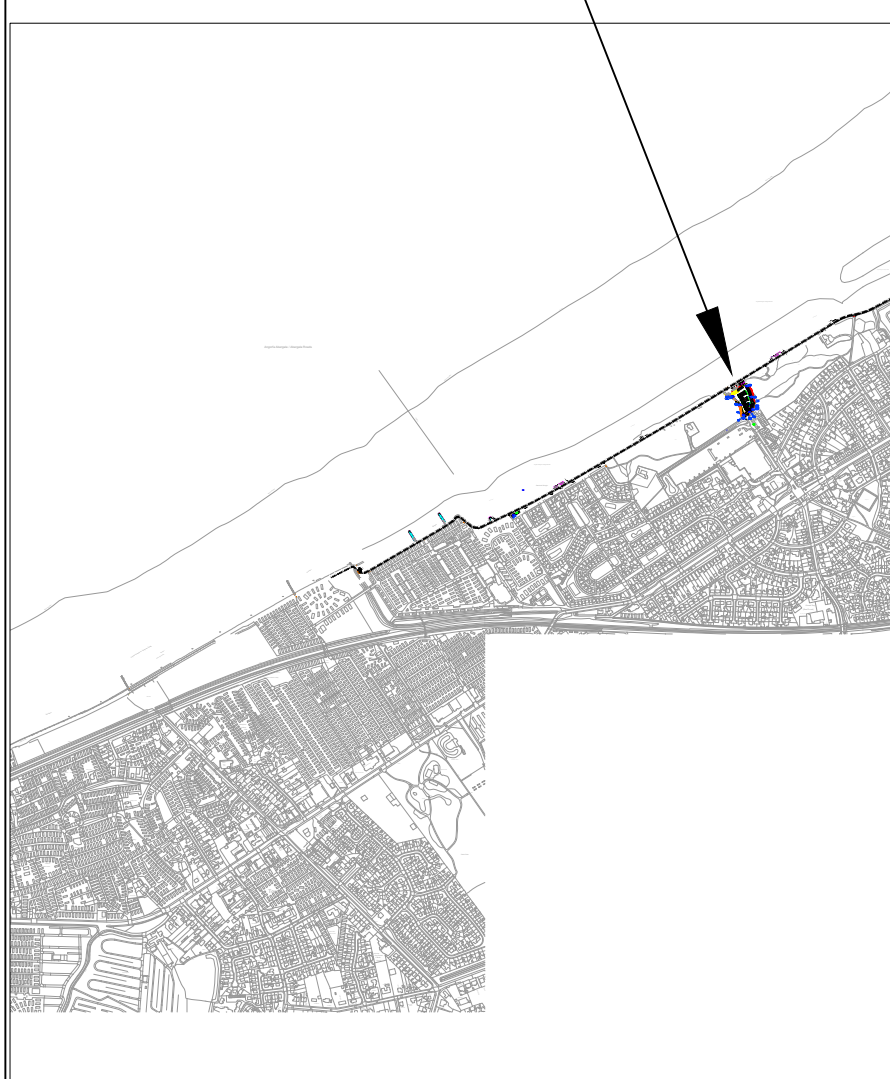
- N - Denotes **new** DNO supply
- T - Denotes **transfer** of supply
- PCN - Denotes **private cable network**
- R&L - Denotes **Raise and Lower** column.

Zero Code
LOOKING OUT FOR ME, YOU AND EVERYONE
To report a Close Call: 0800 921 980
To report a CCI: 0844 701 6515

RESIDUAL DESIGN HAZARDS
(The following information has been collected from Preconstruction Information and the Amey CDM Hazard Management Process.)

- To be advised for Tender and Construction phases

SITE LOCATION



Rev	Revision details	Drwn	Chkd	Appd	Date
Designed:	AY				Date: NOV 2022
Drawn:	AY				Date: NOV 2022
Checked:	SC				Date: NOV 2022
Approved:	JM				Date: NOV 2022

Ariennir yn Rhannol gart
Lywodraeth Cymru
Part Funded by
Welsh Government

Project Name
KINMEL BAY COASTAL DEFENCE IMPROVEMENTS SCHEME

Drawing Title
PROPOSED LIGHTING AND ELECTRICAL LAYOUT
SHEET 1 OF 2

Original Drawing Size : A1	Scale : 1:200 @ A1
Dimensions : m	

Drawing Status	Suitability
SUITABLE FOR INFORMATION	S2

Drawing No CH1701-AMEY-HEL-XX-DR-EO-1401	Rev P01
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