

Coedely
For continuation see drawing:
C-27541-HYD-XX-XX-DR-E-9001

GLADYS STREET

ELWYN STREET

Coedely

ELY VALLEY ROAD

A 4119

A 4119

ELY VALLEY ROAD

Mynydd Garthmaelwg

A 4119

95mm² HV private wire cable to cross pipe bridge in new Ø125mm duct.

Comms cable to cross pipe bridge in new Ø100mm duct.

Existing Ø125mm NGED duct in verge to be utilised for 95mm² HV private wire cable.

Existing Ø100mm NGED duct in verge to be utilised for comms cable.

95mm² HV private wire cable to be buried in section of un-ducted grass verge to road.

Comms cable to be buried in section of un-ducted grass verge to road.

Existing Ø125mm NGED duct in road to be utilised for 95mm² HV private wire cable.

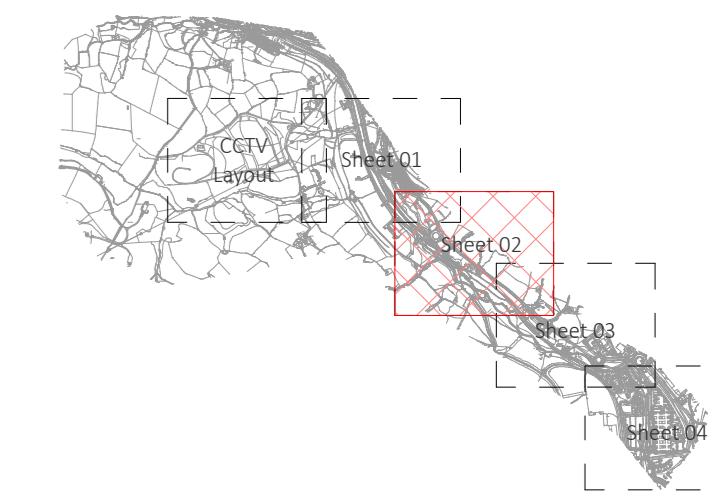
Existing Ø100mm NGED duct in road to be utilised for comms cable.

Existing Ø125mm duct to be installed as part of A4119 works to be utilised for 95mm² HV private wire cable.

Existing Ø100mm duct to be installed as part of A4119 works to be utilised for comms cable.

1mx1m manhole required every 480m of ducted cable to allow for pulling through and jointing. Strategy TBC by contractor at detailed design stage.

KEY PLAN



NOTES

- All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figure dimensions only are to be taken from this drawing.
- This drawing is to be read in conjunction with all relevant engineers' and service engineers' drawings and specifications. This drawing is copyright.
- Cable routes are indicative and are TBC by Contractor at detailed design stage pending accurate GPR surveys and co-ordination with existing underground services.
- Strategy to access existing ducting for jointing and pulling through is to be further developed at detailed design stage. 1x1m manhole every 500m is included as an example strategy to use as a base line.
- Generator run signal required from Hospital to allow for PV farm supply to shut down in the event that the mains power to the Hospital fails and the generator supply starts.
- Metering signal required from Hospital to ensure zero export to the grid.

LEGEND

- Proposed Telecommunications Cable
- Proposed HV Cable
- Extent of Existing NGED ducting
- Hospital Substation

REVISIONS

PO3	Updated following comments	19/05/23	JP	DW	AH
PO2	Updated following comments	31/05/23	JP	DW	AH
PO1	Suitable for Review and Comment	17/05/23	JP	DW	AH

Rev.	Revision Description	Date	Drawn By	Checked	Approved By

Hydrock
3rd Floor, Wharton Place
13 Wharton St
Cardiff
CF10 1GS
t: +44(0)2920 023665
e: cardiff@hydrock.com

CLIENT
Rhondda Cynon Taf
County Borough Council



PROJECT
Coed-Ely Solar Farm | Multi-Discipline
Consultant

TITLE
Electrical Services
Private Wire Cable Route
Sheet 2 of 4

HYDROCK PROJECT NO. C-27541	SCALE @ A0 As indicated
STATUS DESCRIPTION SUITABLE FOR REVIEW & COMMENT	STATUS S3
DRAWING NO. 27541-HYD-XX-XX-DR-Y-0013b	REVISION P03

For continuation see drawing:
C-27541-HYD-XX-XX-DR-E-9003

C:\Users\jacob@hydrock.com\Documents\27541-HYD-XX-XX-DR-E-9001_2-Rev-Mockup_A4-10-2023.dwg