

For continuation see drawing:
C-27541-HYD-XX-XX-DR-E-9002

A 4119

ELY VALLEY
ROAD

A 4119

ELY VALLEY
ROAD

YNYNSMAERDY
TERRACE

PEMBROKE
CRESCENT

GLAN-YR-ELY

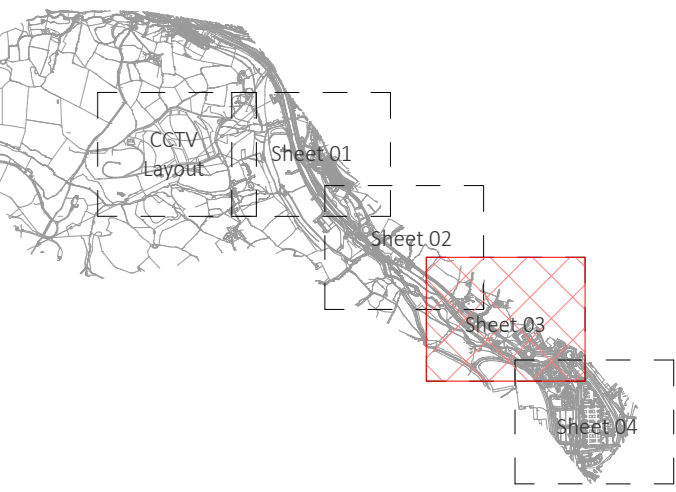
YNYNSMAERDY

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.
1m² manhole required every 480m of ducted cable to allow for pulling through and jointing. Strategy TBC by contractor at detailed design stage.

95mm² HV private wire cable to run in a Ø125mm duct in footpath and cross road.
Comms cable to run in a Ø100mm duct in footpath and cross road.

For continuation see drawing:
C-27541-HYD-XX-XX-DR-E-9004

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

Rev.	Revision Description	Date	Drawn By	Checked	Approved By
P03	Updated following comments	19/05/23	JP		DW I AH
P02	Updated following comments	31/05/23	JP		DW I AH
P01	Suitable for Review and Comment	17/05/23	JP		DW I AH

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CLIENT
Rhondda Cynon Taf
County Borough Council



PROJECT
Coed-Ely Solar Farm | Multi-Discipline
Consultant

TITLE
Electrical Services
Private Wire Cable Route
Sheet 3 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-0013c	REVISION P03

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