

Tyncoed
Villas

A 4119

ELY VALLEY
ROAD

The Pines

GARTH STREET

COLLWYN
STREET

GLADYS STREET

ELWYN STREET

Coedely

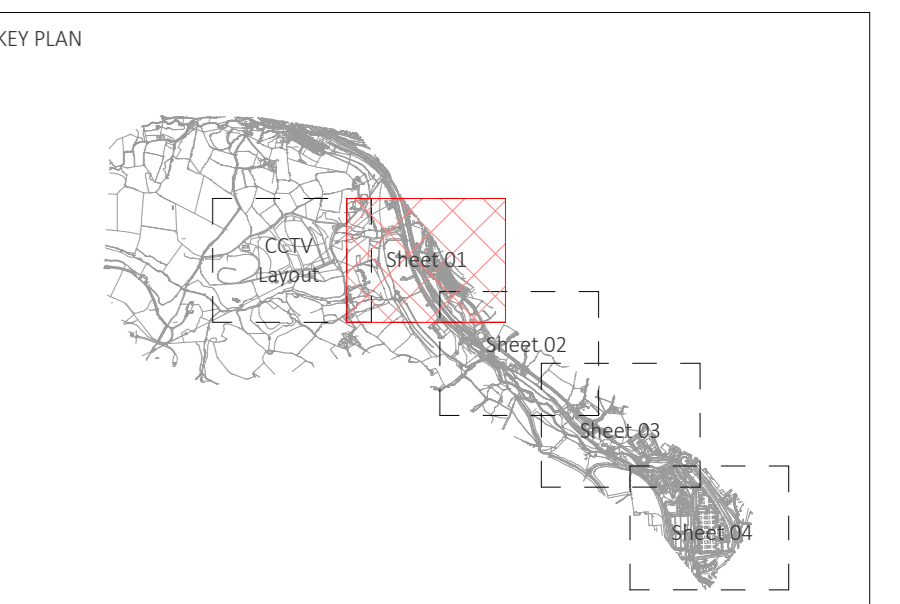
ELY VALLEY
ROAD

95mm² HV private wire cable to be buried
up track road to final PV farm connection.

Comms cable to be buried up track road
to final PV farm connection

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 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.



- 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. 10m 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 AH
P02	Updated following comments	31/05/23	JP		DW AH
P01	Suitable for Review and Comment	17/05/23	JP		DW AH

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

CLIENT
Rhonda Cynon Taf
County Borough Council

PROJECT
Coed-Ely Solar Farm | Multi-Discipline
Consultant

TITLE
Electrical Services
Private Wire Cable Route
Sheet 1 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-0013a	REVISION P03

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

C:\Users\jshah\OneDrive\Documents\27541-HYD-XX-XX-DR-E-9002_27541-HYD-XX-XX-DR-E-9002_27541-HYD-XX-XX-DR-E-9002.dwg