



Do not scale from this drawing.
Important dimensions indicated & detailed in the relevant specifications.

CDM Regulations:
This drawing must be read in conjunction with the project CDM Risk Register which schedules information regarding residual risks. This drawing may also provide specific annotation regarding residual risks.

Drawing Clarifications:

- The design intent or construction information contained within this drawing may not be sufficient to allow for the complete & correct interpretation; ensure that this drawing is read in conjunction with all relevant associated drawings & specifications.
- Apparent drafting errors, omissions or differences between associated drawings are to be highlighted & brought to the attention of the design or authorising engineer.

Legend:

- 3m Lighting column
- 4m column (Lighting @3m, CCTV @4m)
- 4m column (Lighting @3m, 2 x CCTV @4m)
- 3m Fencing

Notes:

- This drawing is indicative only to demonstrate the extent of the works on this site. The final design will be subject to contractor design.
- All PV inverters will be mounted below the PV panel tables circa 800mm - 1000mm above ground level.
- All cabling will be either direct buried or contained within ducts from the service compound to inverters.
- All GRP enclosures are assumed to be dark green in colour unless advised otherwise.
- GRP enclosures will have a maximum ridge height of 2.5m.
- Transformers will be mounted upon concrete pads / slab foundations with bundled drainage & oil separators.
- Service compound will have interconnected concrete trenches (no indicated) between the inverter switching enclosure, LV switchgear enclosures & the communications enclosures. Details to be finalised.

Index	Description	Engineer	Reviewer	Date
P1	Initial Issue	WOW	PRM	May 24

Revisions				
Index	Description	Engineer	Reviewer	Date

Architect

Client

Project Title
Prince Charles Hospital Private Wire to Pen-Y-Day Secondary School PV Installation

Drawing Title
Electrical Engineering Systems
PV Site wide General Arrangement Layout
1.4kW Scheme (with CCTV coverage indicated)

PRELIMINARY		
Engineered:	Reviewed:	Authorized:
WOW	PRM	PRM
Project Reference:	Date:	Scale @ AD:
01105	May 2024	1:300
Drawing Number:	Revisions:	
01105-CSG-XX-00-GA-E-703-002	P1	