

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 many 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 authorizing engineer.

Legend:

3m Lighting column

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

— 3m Fencing

1. 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. 6. Transformers will be mounted upon concrete

pads / slab foundations with bunded 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.

**CONSILIUM** 

Prince Charles Hospital Private Wire to Pen-Y-Dey Secondary School PV Installation

Drawing Title Electrical Engineering Systems
PV Site wide General Arrangement Layout 1.4MW Scheme (for planning)

**PRELIMINARY** Reviewed: Project Reference: 01105 May 2024 1:300 Drawing Number:

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