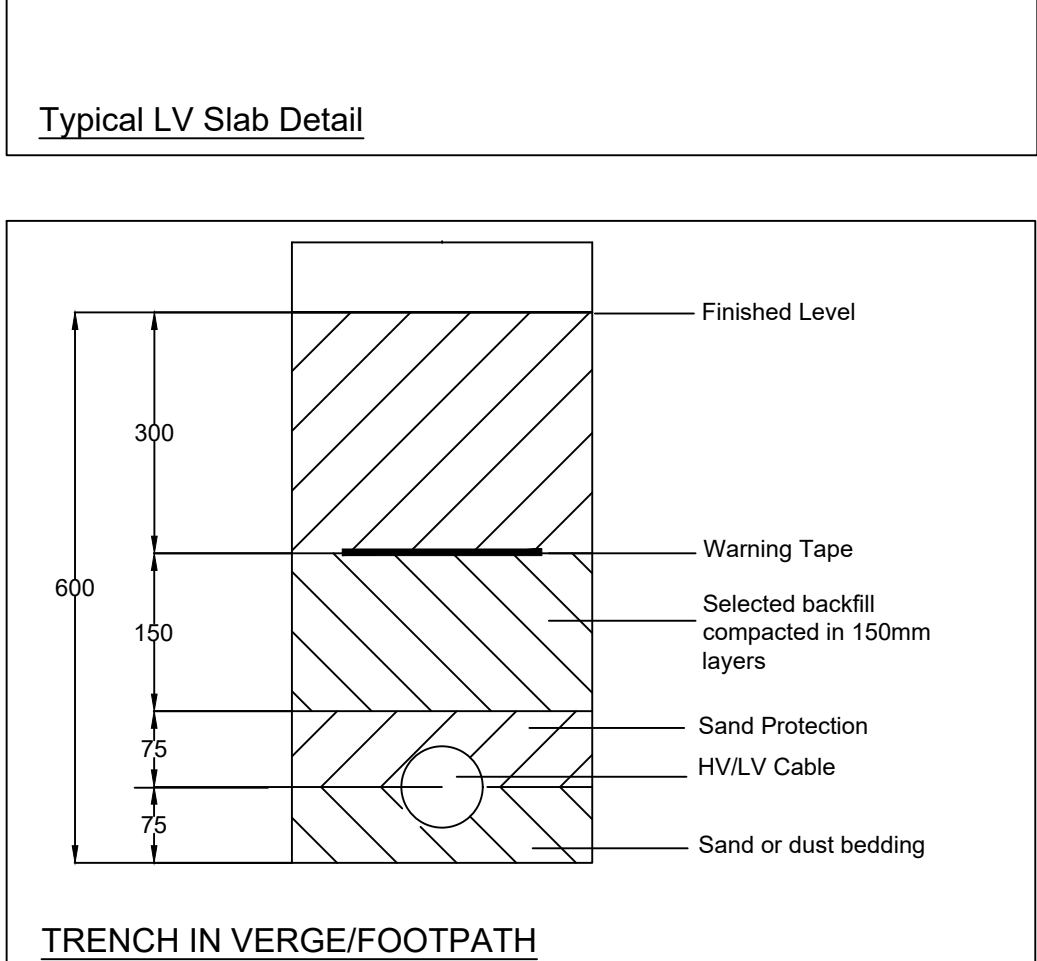
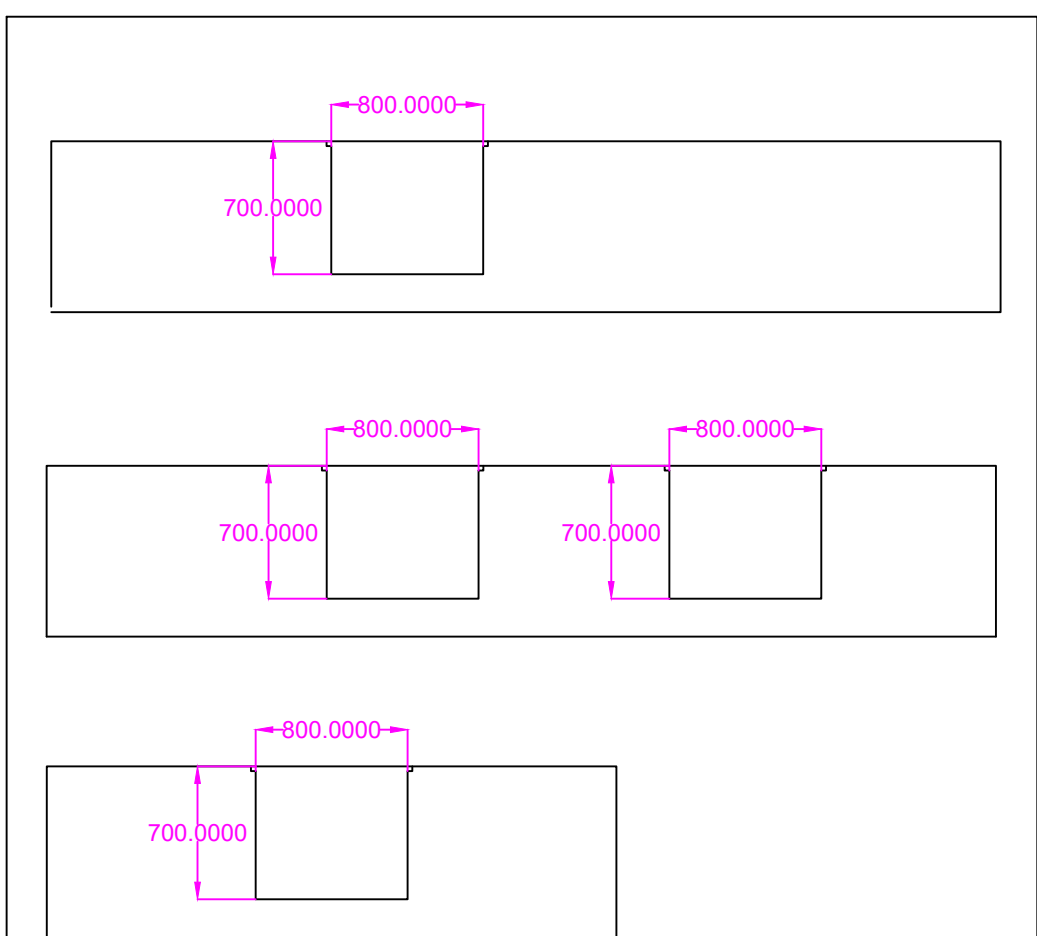
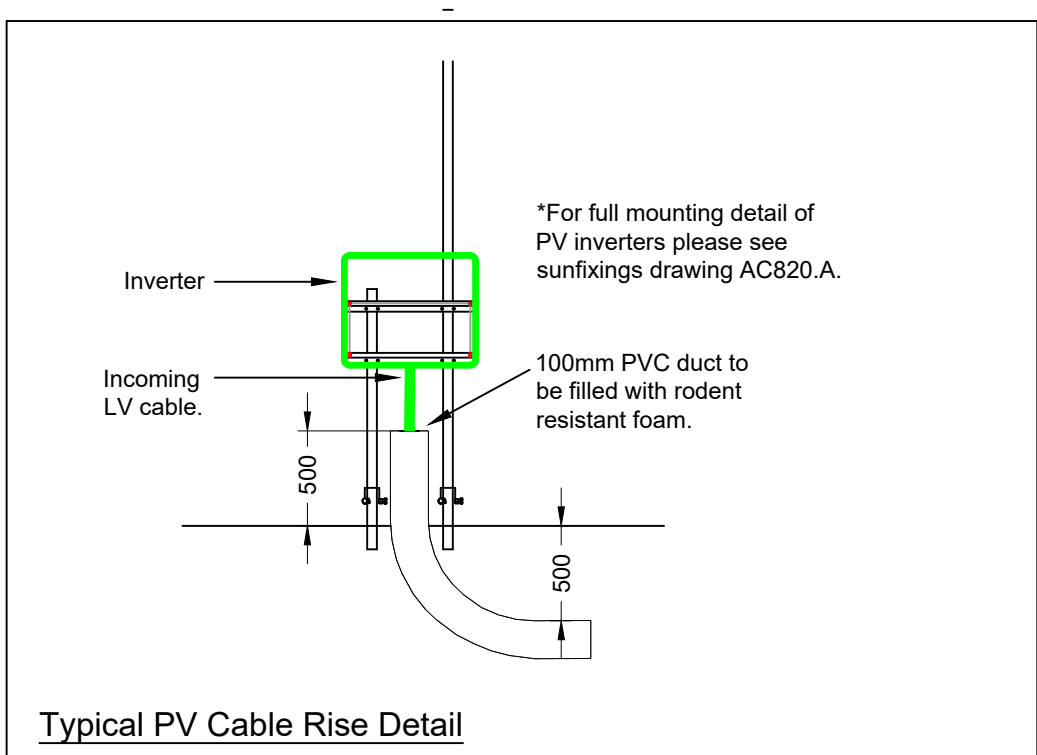
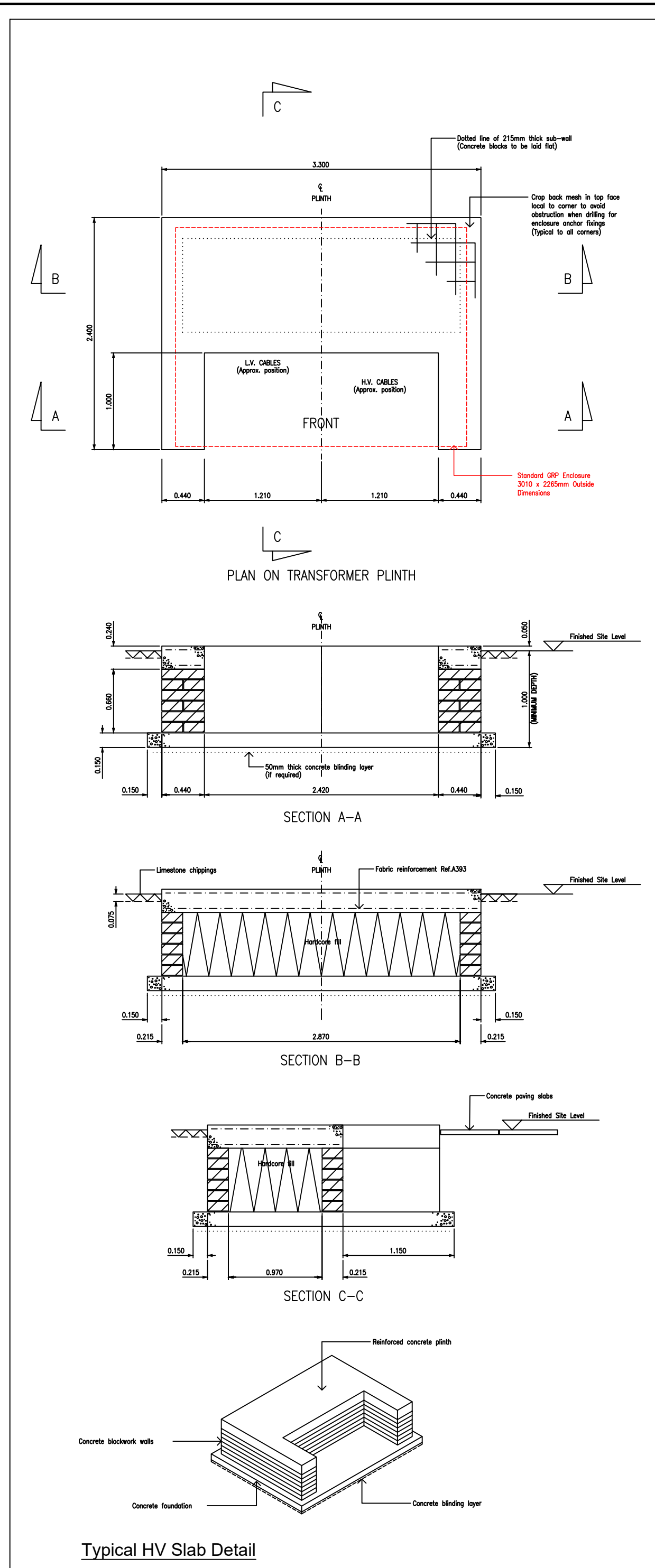
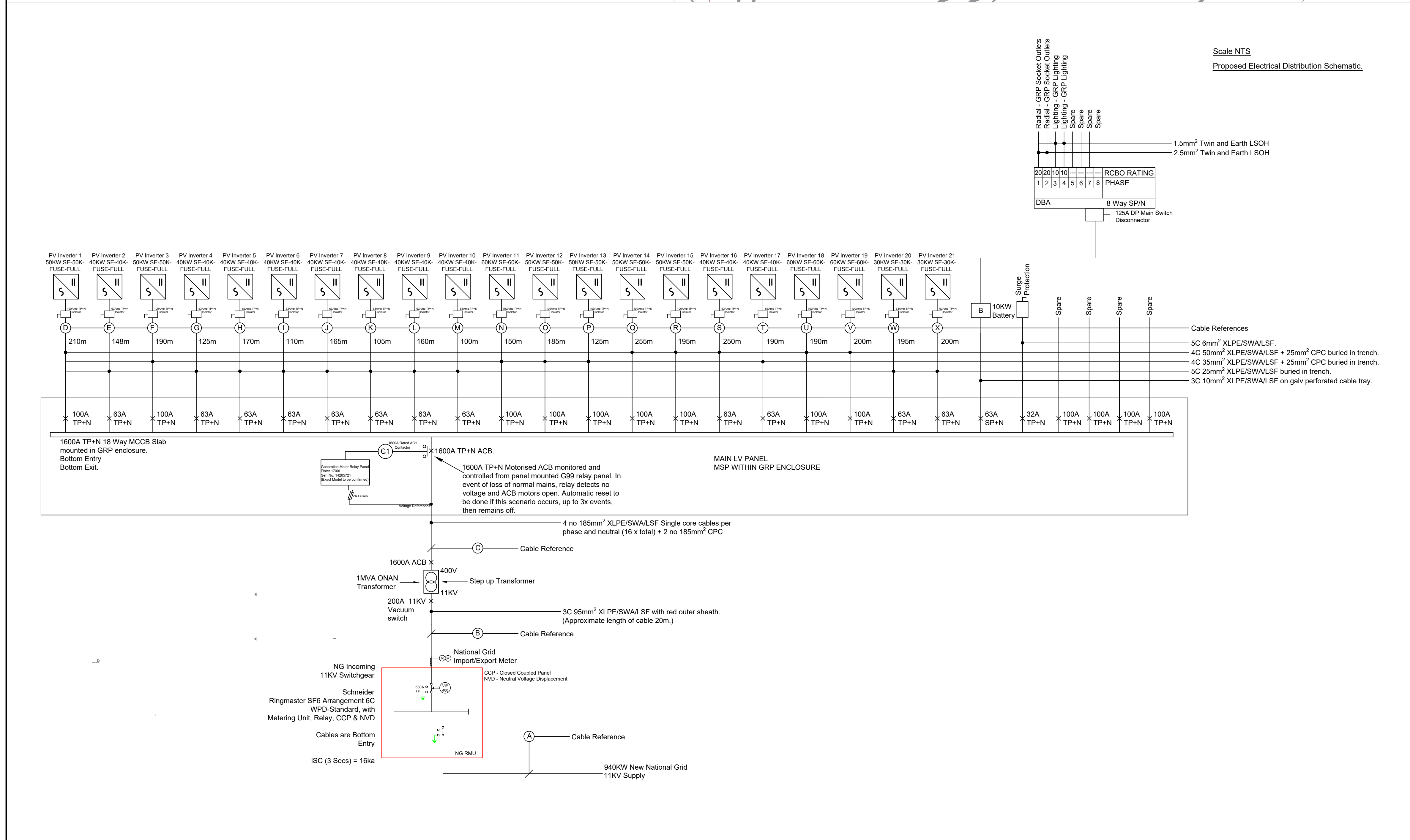




Do not scale this drawing or the computer digital data.
Lead Consultant to be notified of any discrepancies
in figured dimensions.
Contractors must check all site dimensions.
This drawing is copyright and is for use on this site only.

This Drawing shall be used for pricing purposes and to highlight extent of works only. This drawing shall not be used for installation purposes. Contractor shall provide their own coordinated working drawings prior to start on site.

NOTES

AI installations and components shall comply with the current requirements of:-

- The IEE Regulations (Requirements for Electrical Installations) (BS7671)-Latest edition.
- The Electricity at Work Regulations.
- The Electricity Supply (Amendment) Regulations.
- Health and Safety at Work Act etc 1974.
- All relevant parts of the Current Edition of the Building Regulations (including DDA).
- All British Standards & Codes of Practices.

1. The contractor shall supply, install, test and commission all HV and LV switchgear, Step up 400V/11kV, transformer, cables, ducting, contractors and GRP enclosures.
2. The contractor shall supply and install and excavate all trenches, concrete bases, ducts and manholes and, and water tight fitting of the 2x GRP enclosures.
3. The contractor shall ensure that all ducts including those rising to each inverter is suitably sealed at 500mm AGL with anti-vandal foam filler.
4. The open ended trenches installed within the LV room's slab shall be covered with a concrete base and a steel of concrete slabs installed around all cables once trenching is complete.
5. The entire PV installation, connections, protection and testing/commissioning shall be in full compliance with G99.
6. All electrical works to be supplied and installed in accordance with the BS7671.
7. The contractor shall allow for a separate 100mm PVC duct between the new LV switch room and the existing HV metering room for any necessary data cables and controls.
8. The contractor shall install all associated cabling within the above duct.
9. The contractor shall ensure that the HV/LV earthing is common, ensuring that all equipment, switchgear, metallic surfaces, PV panels and PV mounting frames are bonded down.
10. The contractor shall ensure that both HV/LV earthing is sufficient to achieve the necessary impedance figures.
11. The contractor shall allow for a 10KW SP8N battery unit to provide power to the GRP's lighting and small power.
12. Typical civil concrete slab details shall be shown as typical and the contractor shall confirm the exact size of the switchgear, transformer and LV panel prior to the commencement of the 3x main concrete bases.
13. The contractor shall allow for galvanised chequer plates to cover the floor ducts within the GRP, laid into pre-formed 25mm lips within the concrete.
14. The contractor shall attain suitably sized GRP enclosures from Morgan Marine.
15. The contractor shall supply and install a HV and LV switch adjacent to the transformer.