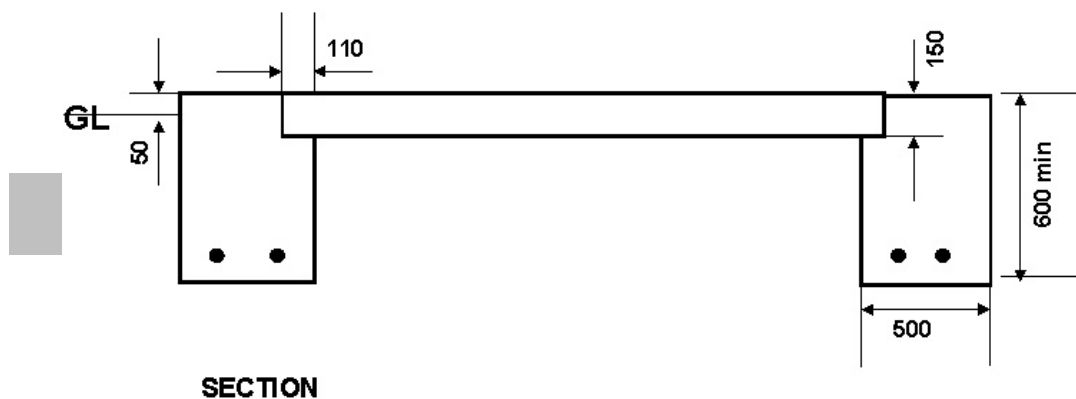
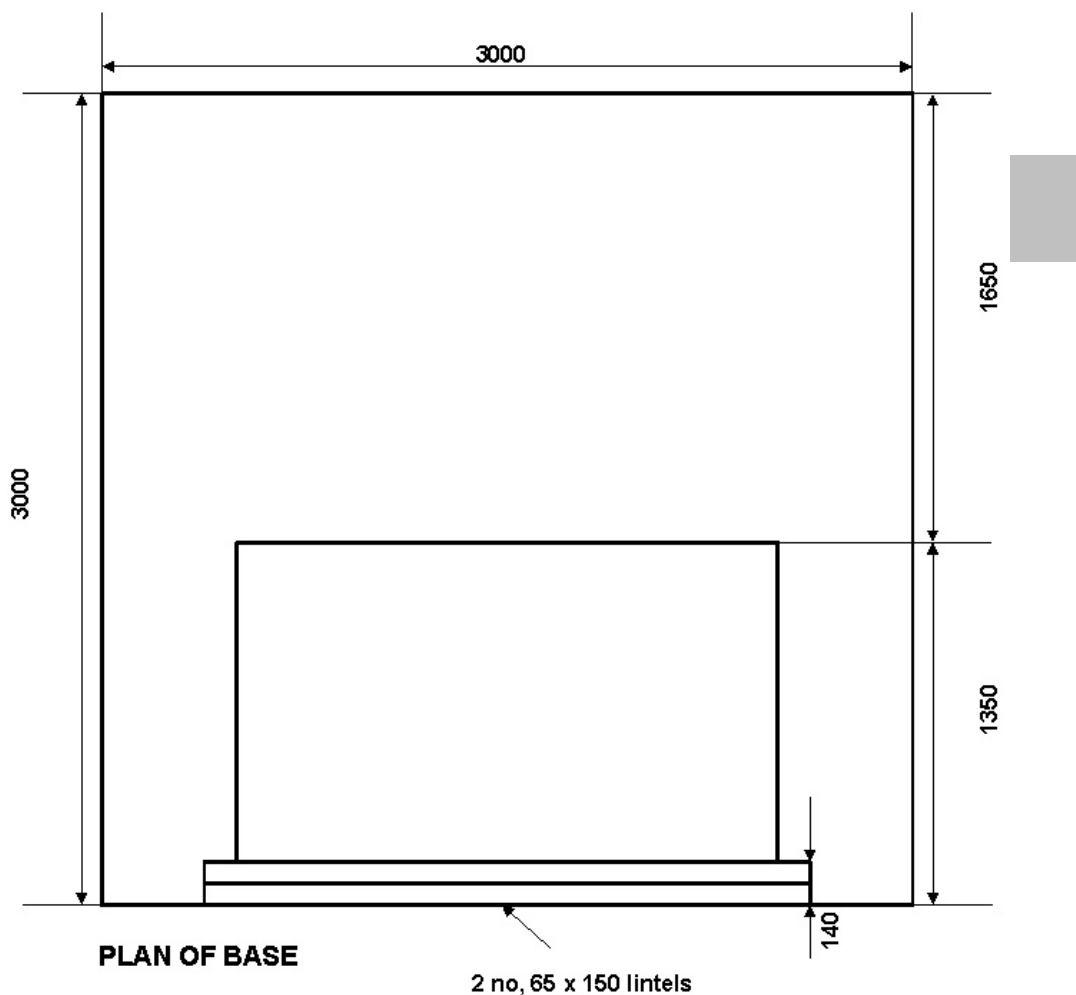


Applies to: Power Systems Staff	FOUNDATION ARRANGEMENTS FOR ENVICO OR MORGAN MARINE GRP ENCLOSURES (not including 1500kVA transformers)	TG-PS-584
Prepared by: John Baker, Network Services	Uncontrolled if printed	Rev: 1.02

Approved by: Stewart Reid	Issue Date: February 2009	Review Date: December 2013	No of this copy:
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GRP Bases – Construction and Installation Instructions

- 1 Install base to setting out dimensions and top datum level supplied by SSE Power Distribution. Datum will be 50mm above finished ground level.
- 2 Concrete base to 600mm minimum depth, but increase depth to suit site conditions. Concrete grade designation C30D.
- 3 Foundations will be reinforced by 2 no, 20mm diameter mild steel bars to BS 4449, minimum cover 50mm.
- 4 A face shutter may be used around the perimeter of the base but the area in front of the transformer base must have a full depth shutter.
- 5 Form rebate in each site of foundation for the concrete lintel
- 6 Install 2 precast, reinforced concrete lintels, 65mm x 150mm , across front of enclosure. This will be carried out after the electrical works are complete. (note, pre-stressed concrete lintels must not be used due to the camber).
- 7 The area in front of the transformer base shall be filled and covered with 100mm of stone chippings. This will be carried out after the electrical works are complete.
- 8 The GRP Enclosure shall be erected on Compriband (or equivalent) self adhesive, pre-compressed sealant strip, 100mm wide and 20mm thick.