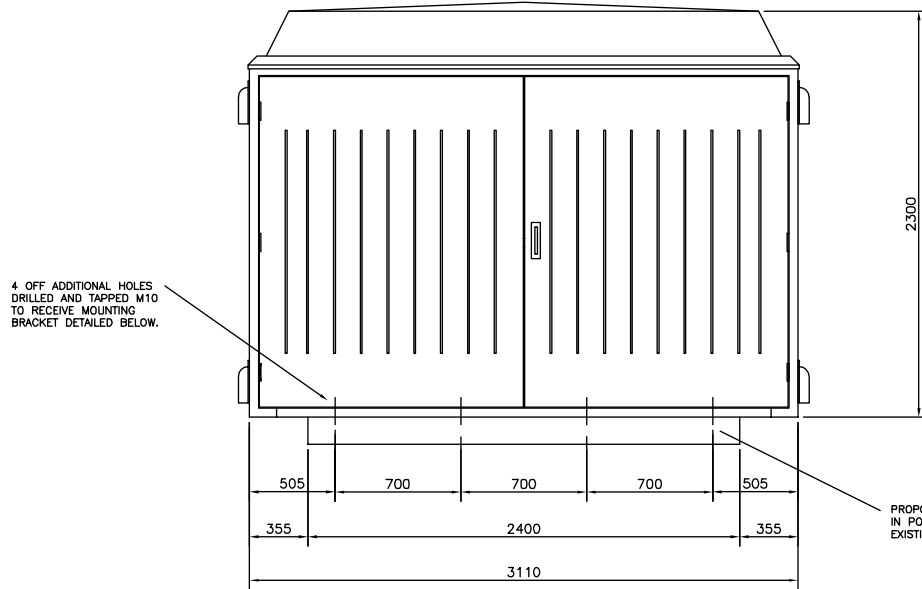




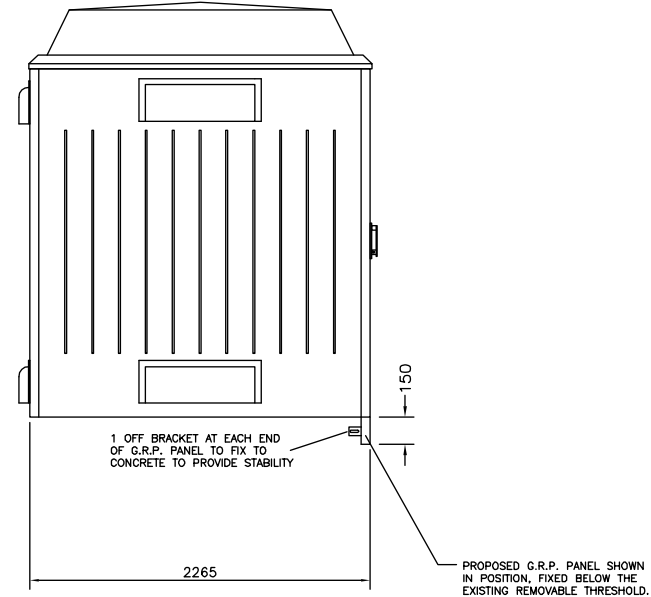
- SITE CLEANUP:** Before commencing excavations, clear site of all rubbish, debris, shrubs, general vegetation, topsoil etc. and remove from same.
- EXCAVATION:** Excavate to remove levels (or to firm foundation as directed by the Engineer) and reduce spoil from site.
Level and compact bottom of excavation to receive concrete binding layer/concrete foundation.
- BLOCKWORK:** Solid concrete blocks to comply with B.S. 6073
Work size dimensions to be 440 (L) x 215 (H) x 100 (W) mm.
Concrete blocks to have a minimum compressive strength of 7.0 N/sq.mm.
- CONCRETE:** Binding concrete to be grade C15 with a minimum crushing strength of 15N/sq.mm at 28 days.
Plinth/foundation concrete to be grade C35 with a minimum crushing strength of 35 N/sq.mm at 28 days.
Top surface of plinth to be level with smooth steel float finish.
- REINFORCEMENT:** Concrete plinth to be reinforced with 2No. layers of steel fabric reinforcement Rf. A393 (placed top and bottom).
Steel fabric reinforcement to comply with B.S. 4483.
Steel bar reinforcement to comply with B.S. 4449.
Reinforcement to be free from all loose rust and mill scale.
Minimum cover to all reinforcement to be 40mm.
- BACKFILLING:** Void in front of plinth to be backfilled with selected hardcore after protecting cables with 150mm concrete paving slabs.
- ON COMPLETION:** Where applicable area between front of plinth and site boundary to be paved at 600 x 600 x 50 mm concrete paving slabs.
All remaining exposed ground surfaces within site boundary to be dressed

- All dimensions in metres unless otherwise stated.
- Vibration pads must be used on all transformers.
- The Contractors attention is drawn to the need for strict accuracy in setting out the foundation.
- All lines and angles to be formed square, plumb and true.

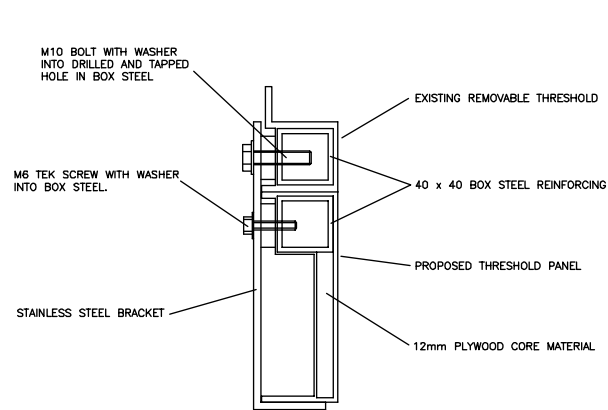
					ORIGINAL ISSUE		Date		WESTERN POWER DISTRIBUTION Design Department. Avonbank, Feeder Road, Bristol BS2 0TB Tel: 0117 933 2000 Fax: 0117 933 2001.			 WESTERN POWER DISTRIBUTION	
					Drawn		C.J.B.		11.07.08				
					Checked								
					Approved								
					SCALE:		N.T.S. (A1)		Title		STANDARD FOUNDATION FOR UP TO 1000kVA POCKET SUBSTATION		
											Drg. No.		Rev No.
											EKV0014		
Rev No	Drawn	Chk'd	App'd	Date	Revision								



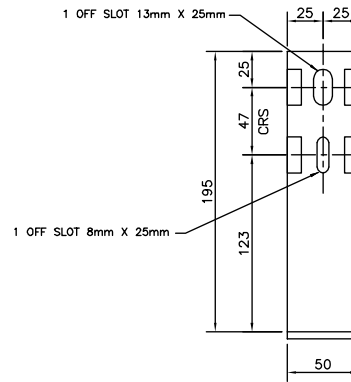
FRONT ELEVATION



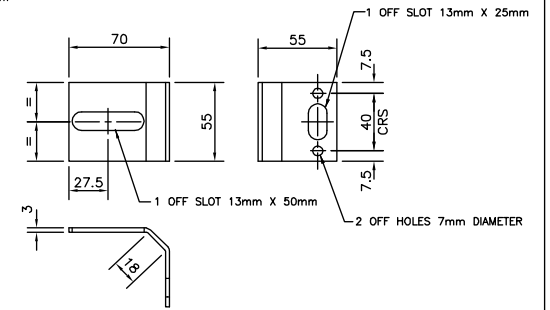
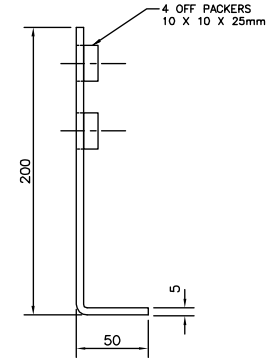
SIDE ELEVATION



CROSS SECTION SHOWING FIXING DETAIL FOR PROPOSED PANEL



SUSPENSION / FIXING BRACKET
4 OFF PER ENCLOSURE
STAINLESS STEEL



STABILIZER BRACKET
2 OFF PER ENCLOSURE
STAINLESS STEEL

Revision:	Drawn:	Date:	Revision:	Drawn:	Date:	Revision:	Drawn:	Date:	Revision:	Drawn:	Date:	Revision:	Drawn:	Date:	THIS DRAWING AND ANY INFORMATION SET OUT HEREON ARE THE CONFIDENTIAL AND COPYRIGHT PROPERTY OF W.P.D. AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT WRITTEN PERMISSION. Approvals for Construction	WESTERN POWER DISTRIBUTION Western Power Distribution Engineering Design Department Lamby Way Rumney Cardiff CF3 2EQ Tel: 01179 332 000	Title STANDARD GRP ENCLOSURE AND THRESHOLD BEAM DETAIL FOR UP TO 1000KVA POCKET SUBSTATION. Drawn C.J.B. Checked Date 08/09/08 Scale of original 1:20	DRAWING NUMBER EKV0015 Revision
Work Done			Work Done			Work Done			Work Done			Work Done						
Checked			Checked			Checked			Checked			Checked						STANDARDS