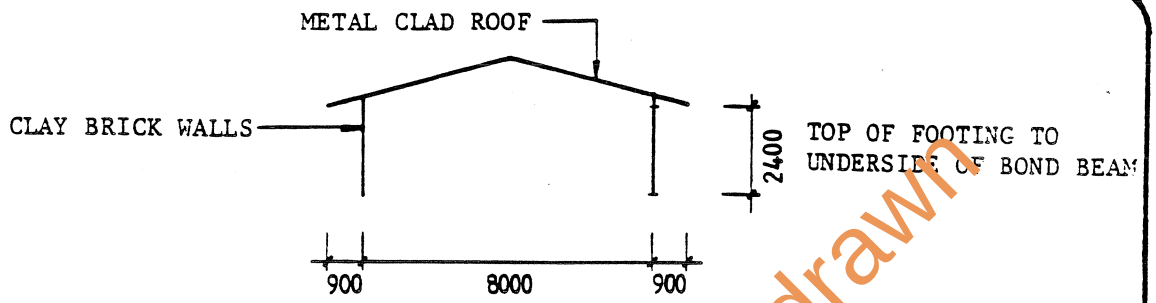

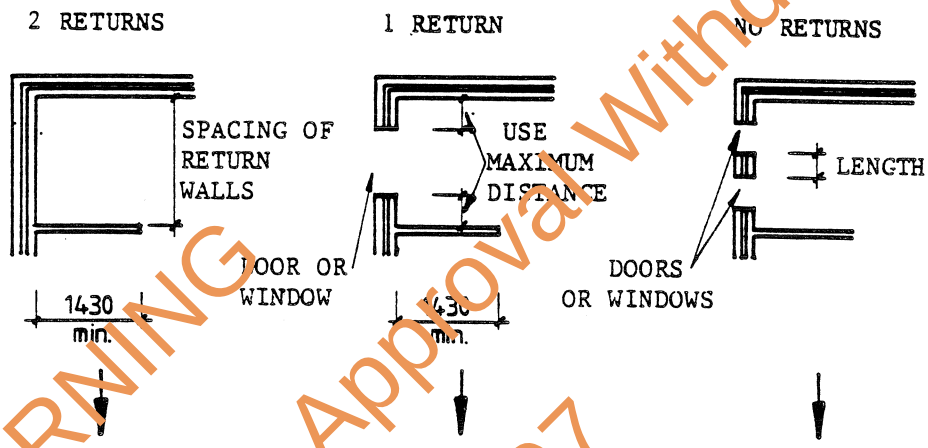

SPACING OF RETURN WALLS	MAX. ROD SPACING Y20	Y16
3000	2200	[illegible]
4000	1800	1150
5000	[illegible]	1100
6000	1600	1050
7000	1500	950
8000	1400	900

MAX. DISTANCE BETWEEN OPENING & RETURN WALL	MAX. ROD SPACING Y20	Y16
2000	1800	1150
2500	1550	950
3000	1500	900
4000	1450	900
5000	1400	900
6000	1400	900

WALL LENGTH*	MAX. ROD SPACING Y20	Y16
ALL LENGTHS	1350	850

* NOTE: PROVISION MUST BE MADE BY THE DESIGNER FOR THE EFFECT OF LOADS TRANSFERRED FROM WINDOWS TO THE WALL PANEL IF APPLICABLE.

NOTES

1. DESIGN CRITERIA
   - REGIONAL BASIC DESIGN WIND VELOCITY 55 m/s
   - CYCLONE FACTOR 1.15
   - TERRAIN CATEGORY 2½
   - SINGLE STOREY BUILDING
2. BRICKWORK
   - BRICKS TO BE CLAY IN ACCORDANCE WITH AS 1225
   - MORTAR TO BE 1:1:6 CEMENT:LIME:SAND WITH NO ADDITIVES
   - WALL TIES TO BE 3.2 DIA WIRE @ 600 CRS VERTICALLY & 450 HORIZONTALLY
   - RETURN WALLS TO BE BONDED EVERY 3RD COURSE OR HEAVY DUTY TIES USED
3. BOND BEAM
   - MUST BE ADEQUATE TO SPAN LATERALLY BETWEEN RETURN WALLS
4. ROD TENSION
   - Y20 RODS TO BE TENSIONED TO 70 kN
   - Y16 RODS TO BE TENSIONED TO 45 kN.
5. THIS SHEET TO BE READ IN CONJUNCTION WITH SHEET M/210/1

WARNING
Product Approval Withdrawn
October 2007

BUILDING CONTROLLERS GUIDE TO DOMESTIC CLAY BRICK CONSTRUCTION WITH TENSIONED CAVITY RODS.	DESIGN DATA SHEET.	
	DARWIN CYCLONIC AREA.	DWG. N° M/210/2
	APP'D. / DATE.	