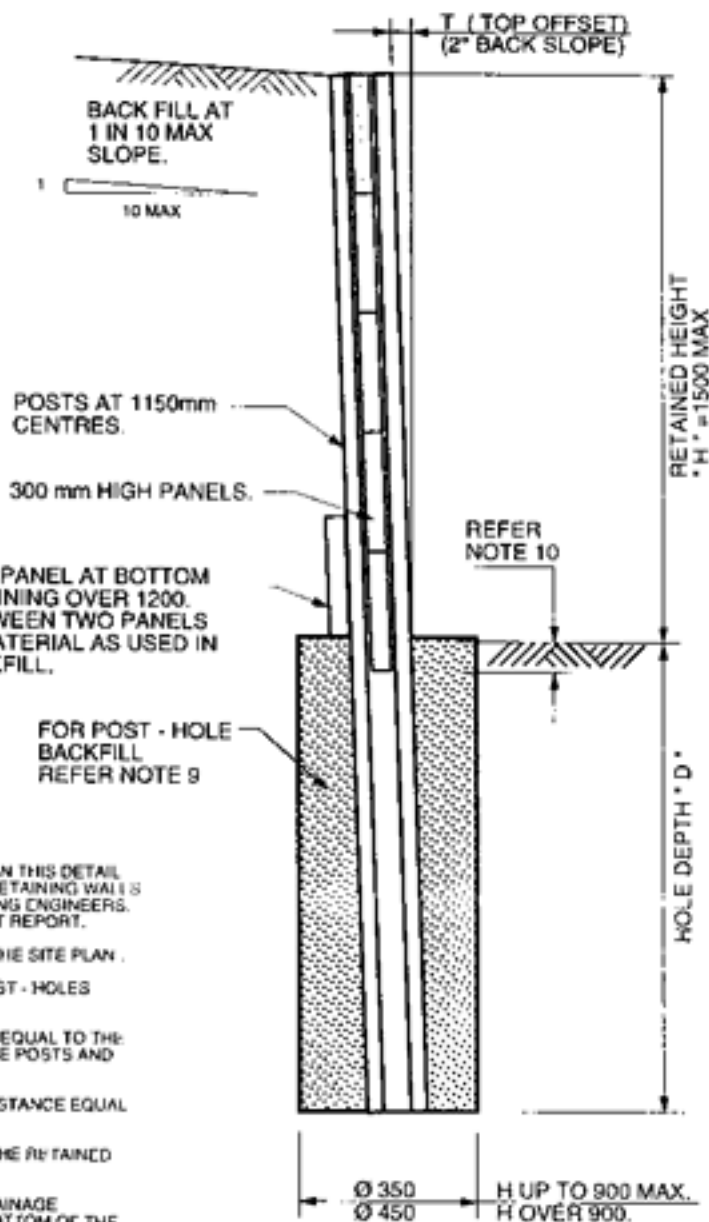


H	No & TYPE OF PANELS	D	T
UP TO 300	1B/1A	300	10
UP TO 600	2B/2A	600	20
UP TO 900	3B	900	30
UP TO 1200	4B	900	40
UP TO 1500	5B + 1B	1200	50



#### NOTES :

1. THE "BUNBURY RETAINING WALLS" POST AND PANELS SPECIFIED IN THIS DETAIL ARE THOSE DESCRIBED IN THE DOCUMENT ENTITLED "BUNBURY RETAINING WALLS (2-PHASE NOTES AND SPECIFICATIONS)" BY STRUCTERRE CONSULTING ENGINEERS. THE ERECTION PROCEDURE SHALL BE IN ACCORDANCE WITH THAT REPORT.
2. THE RETAINING WALL LAYOUT AND HEIGHTS ARE DESCRIBED ON THE SITE PLAN.
3. BACKFILL IS TO BE CLEAN SAND ONLY DO NOT BACKFILL UNTIL POST - HOLES BEEN BACKFILLED FOR AT LEAST 19 HOURS.
4. DO NOT MECHANICALLY BACKFILL ANY CLOSER THAN A DISTANCE EQUAL TO THE WALL HEIGHT UNLESS THE WALL IS ADEQUATELY PROPPED AT THE POSTS AND THE CENTRE OF THE PANELS DURING COMPACTION.
5. NO SURCHARGE LOAD TO BE PLACED CLOSER TO WALL THAN A DISTANCE EQUAL TO THE 1.2 TIMES THE RETAINED HEIGHT OF THE WALL.
6. IF TERRACING, UPPER WALLS TO BE NO CLOSER THAN 1.2 TIMES THE RETAINED HEIGHT OF THE LOWER WALL.
7. THESE SPECIFICATIONS ARE FOR SAND SITES ONLY WITHOUT DRAINAGE PROBLEMS AND WITH THE MAXIMUM WATER TABLE BELOW THE BOTTOM OF THE POST. FOR OTHER SITES REFER TO WONDERWALLS OR THE ENGINEER.
8. THE POSTS MUST BE PLACED IN UNDISTURBED NATURAL GROUND OR IN FILL COMPACTED TO A DENSITY WHICH TESTS (TO THE FULL DEPTH OF THAT HILL) AT 15AST R BLOWS/300mm USING THE PERTH SAND PENETROMETER.
9. BACK FILL HOLES FOR POSTS WITH EITHER :  
a) 1 CEMENT : 4 DAMP SAND OR 1 CEMENT : 6 ROADBASE, TAMPED IN 150 LAYERS  
b) M20/10/100 CONCRETE
10. WHERE THIS DIMENSION IS LESS THAN 25mm, RUN A 100mm HIGH FILLIT OF POST HOLE BACK FILL MATERIAL ALONG THE BACK OF THE PLANK PRIOR TO BACKFILLING (TO PREVENT UNDERSPILL)
11. THE WALL BUILT TO THIS DESIGN WILL BE ADEQUATE TO WITHSTAND THE WIND LOADS IMPOSED BY AN 1800 mm "SUPER SIX" FENCE. (IN TERRAIN CATEGORY 3 AND WIND REGION A).

#### WALL SECTION 1:20

- POST LENGTH = H + D
- TYPE A PANEL 30 THICK.
- TYPE B PANEL 40 THICK.
- TOP TWO PANELS TO BE TYPE B IF A FENCE IS INSTALLED BEHIND THE WALL. OTHERWISE TOP TWO PANELS MAY BE TYPE A.

## BUNBURY RETAINING WALLS

Manufacturers of Precast  
Concrete Retaining Walls

15 Sylvan Way,  
Bunbury, W.A. 6230

P.O. Box 5442,  
Bunbury, W.A. 6230

Telephone: (097) 256 363

Fax: (097) 256 364

#### FOR USE IN SAND SITES

SITE :

CLIENT :

#### STRUCTERRE CONSULTING ENGINEERS

Zambia Pty Ltd (prev 008 966 282) as Trustee for the Young Perish and Higham Unit Trust trading as Structerre

CHARTERED PROFESSIONAL ENGINEERS  
CIVIL AND STRUCTURAL DESIGN CONSULTANTS  
10 GIBBERD ROAD, BALCATT A W.A. 6021  
TEL 345 3566 FAX 345 1084

DATE :

APPROVED :