

	Retained Height h (m)	Surcharge W(kN/m²)		Toe Width b2 (m)	Base Thickness t1 (m)	Stem Thickness t2 (m)	Reinforcement @ 150 Centres		
							Bar Size: Back of Stem	Bar Size: Top of Base	Bar Size: Bottom of Base
-	3.0	12	2.70	0.35	0.35	0.35	B20 bars	B16 bars	B12 bars
		5	2.10	0.35	0.35	0.35	B16 bars	B12 bars	
	2.7	12	2.40	0.35	0.35	0.35			
		5	1.85	0.35	0.35	0.35			
	2.4	12	2.00	0.30	0.30	0.30			
		5	1.70	0.30	0.30	0.30			
	2.1	12	1.75	0.30	0.30	0.30	B12 bars		
		5	1.55	0.30	0.30	0.30			

Typical sizes for various retained heights.

## REINFORCED CONCRETE 'T' CANTILEVER WALL

## HIGHWAY DESIGN GUIDE STANDARD DETAILS

## RHONDDA CYNON TAF COUNTY BOROUGH COUNCIL



Drawn	AM				
Checked	MR				
Date	Apr '11				
Scale	NTS				
Drg. No.	285				
Rev.					