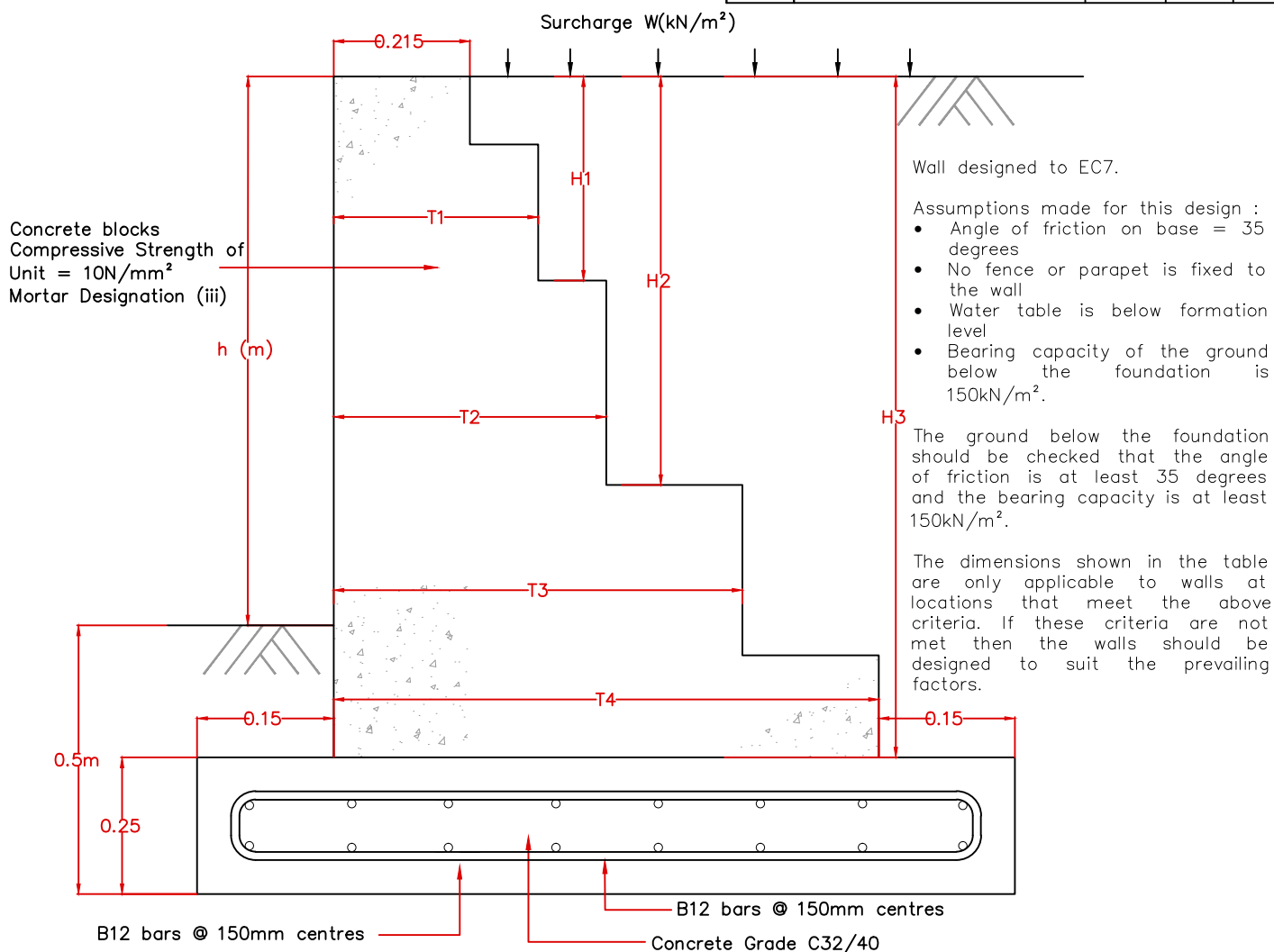


Note Cover to reinforcement= 50mm

Rev.	Amendments	Date	Made By	Chk'd By



Retained Height h (m)	Surcharge W(KN/m²)	T1 (m)	T2 (m)	T3 (m)	T4 (m)	H1 (m)	H2 (m)	H3 (m)
1.40	12	0.35	0.5	0.725	0.925	0.3	0.3	0.9
	5	0.325	0.45	0.675	0.825	0.3	0.3	0.9
	0	0.325	0.475	0.7	-	0.675	1.125	-
1.70	12	0.35	0.5	0.725	1.075	0.3	0.3	0.9
	5	0.325	0.45	0.675	0.80	0.3	0.3	0.9
	0	0.325	0.475	0.7	0.85	0.3	0.3	0.9

Typical sizes for various retained heights.

- All masonry gravity retaining walls must also include:
- A back of wall drainage system;
 - Weepholes;
 - Joints at appropriate spacings;
 - Finishes to highway standards.
 - The reinforced concrete foundation slab must be laid on a blinding layer 75mm thick.
 - The buried reinforced concrete foundation slab must also be waterproofed with two coats of bitumen.

TYPICAL MASONRY GRAVITY WALL (Height 1.4m – 1.7m)

HIGHWAY DESIGN GUIDE STANDARD DETAILS

RHONDDA CYNON TAF
COUNTY BOROUGH COUNCIL



Drawn	AM
Checked	MR
Date	Apr '11
Scale	NTS
Drg. No.	291
Rev.	