


STEPPED RETAINING WALL

SURCHARGE LOADING	BACKFILL TYPE	WALL HEIGHT (H)	
		NEAR VERTICAL	1 IN 8 SETBACK
NO SURCHARGE LOADING	POOR	800	900
	AVERAGE	900	1000
	GOOD	1000	1200
15° SLOPED BACKFILL	POOR	600	900
	AVERAGE	700	900
	GOOD	800	1100
DRIVEWAY / CARPARK LOADING (5kPa)	POOR	400	500
	AVERAGE	500	600
	GOOD	600	800

* THESE HEIGHTS ARE APPLICABLE TO RETAINING WALLS WITHOUT GEOGRID SOIL REINFORCEMENT

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE
2. RETAINING WALLS EXCEEDING HEIGHT IN TABLE BELOW REQUIRE DESIGN BY A SUITABLY QUALIFIED ENGINEER
3. A BUILDING / PLANNING PERMIT MAY BE REQUIRED FOR WALLS OVER 1m IN HEIGHT
4. PREFERRED COLOUR OF BLOCK AND CAPPING UNITS IS 'SANDSTONE'
5. WALL TO BE CONSTRUCTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS

AMENDMENTS	DATE		<h1 style="margin: 0;">BLOCK RETAINING WALL</h1>	DRAWN BY: RJW
ORIGINAL - WDA	8/97			DATE: JAN '07
REDRAW	1/07			SCALE: N.T.S.
				DRAWING NO.: SD / F6
				MANAGER CIVIL DEVELOPMENT SERVICES 