



1 REINFORCED CONCRETE RETAINING WALL-TYPICAL SECTION 2000mm MAX RETAINED HEIGHT  
1:20

Project: **11 Wood Street, Skelmanthorpe Huddersfield HD8 9BN**  
 Client: **Mr S Bond**  
 Title: **Retaining Wall – Construction Method Section**  
 Scale: **1:20 (A3)**  
 Date: **January 2023** Drwg No: **SB/103**

Bearing strata to be capable of supporting a bearing pressure of 125kN/m<sup>2</sup>.

300mm thick C32/40 concrete base with B503 mesh top (main bars perpendicular to base) & A393 mesh bottom. Minimum cover 50mm.

Excavation to be battered back at an angle to suit ground conditions on site.

Selected well graded granular backfill to be type 6N in accordance with the MCHW specification for highway works series 600

Rear face of wall to receive 2 coats of bituminous paint (Blackjack or similar)

face of timber trenching

angle of repose

2000 max retained height

2300 max

150mm Kicker

300 min

900

1000

3000

4500

existing tree T2

existing tree T1

Coping to Architect's details

Stone facing to match existing

BM02 B8 ubars at 200mm centres

Ancon SPB Stainless steel frame cramp ties or similar approved at 900mm centres horizontally and 450mm centres vertically

250mm thick C32/40 reinforced concrete wall

A393 mesh reinforcement in front face, 50mm min cover

B503 mesh reinforcement in rear face, main bars vertical, 50mm min cover

BM01 B10 starter bars at 200mm centres in front face, 50mm min cover

BM01 H10 starter bars at 100mm centres in rear face, 50mm min cover

75mm weepholes at 1000mm c/c with a 25mm fall to the front

BM03 B8 ubars at 200mm centres.

300

150

250

1600

2000