



Item	Material	Finish / Location
Gravity retaining wall	Mass concrete C32/40 with U2 and F2 finish to exposed surfaces in accordance with BS 8500-1 and BS EN 206-1.	U2 and F2 finish to exposed surfaces
Parapet	Natural stone. B500B steel mesh reinforcement in accordance with BS4483 and BS EN 10080	Natural stone parapet with horizontal stainless steel masonry reinforcing mesh to conform to BSEN10088-1
Facing stonework	Natural stone with minimum compressive strength of 15N/mm ² . Stonework fixing to be spaced at 450mm horizontally and 300mm vertically using stainless steel wall ties. Additionally, stone reinforcing mesh to be incorporated into the bedding joint below that containing the fixings. All fixings to be stainless steel. Stonework to be reasonably smooth and pointing to be near flush.	Stonework to front face of wall. All mortar to be M6 to BS EN1996-2.
Backfill material	Class 6N in compliance with specification for highway works (SHW).	Drainage to rear of wall.
Drainage	Provision of 150mm dia. PVC perforated longitudinal drain behind the wall taken to land drainage system together with 75mm dia. weep pipes at 2m centres.	Drainage to rear of wall.
Coping Stones	Pre-cast concrete. Coping stones to have galvanised dowels 300mm long resin bonded 100mm into the coping and projecting into the stonework parapet.	U3 and F3 finish

NOTES

1. All concrete to be Grade C32/40.
2. Concrete sulphate class DS-1 ACEC class AC-2z to be used throughout.

NOTE.
SAFE TEMPORARY WORKING AREA TO
BE PROVIDED FOR CONSTRUCTION OF
WALL. DESIGN AND METHOD
STATEMENT TO BE PROVIDED BY
CONTRACTOR PRIOR TO CONSTRUCTION
ON SITE.

Rev D: Updated to suit highways comments. 05/07/24 PW
Rev C: Updated to suit highways comments. 18/06/24 PW
Rev B: Reduced rw length to suit stem return from plots 15-16. 03/05/24 IM
Rev A Additional details added 25.01.24PW



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Client

SB HOMES

Project
LINGARDS ROAD, SLAITHWAITE

Detail
MASS CONCRETE BURR WALL TO ROAD 2A

Dwn	Chkd	Date	Scale	Dwg. No.
IM	PW	NOV 23	1:50/20 @A0	7567_100D