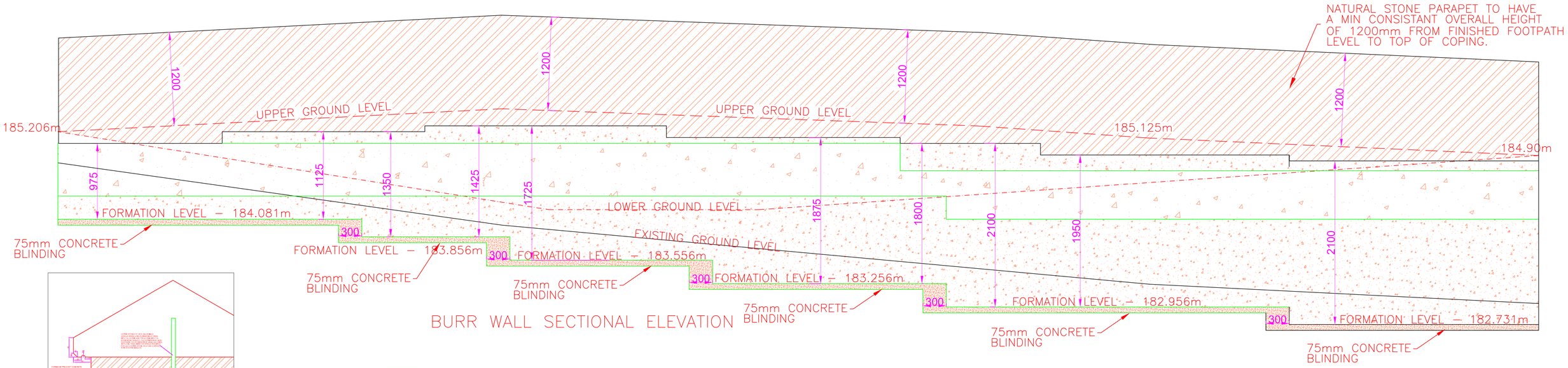
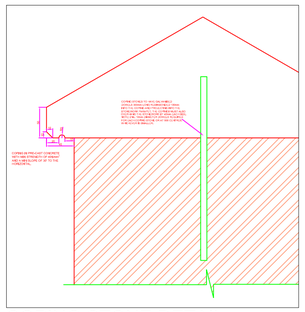


BURR WALL SECTIONAL ELEVATION



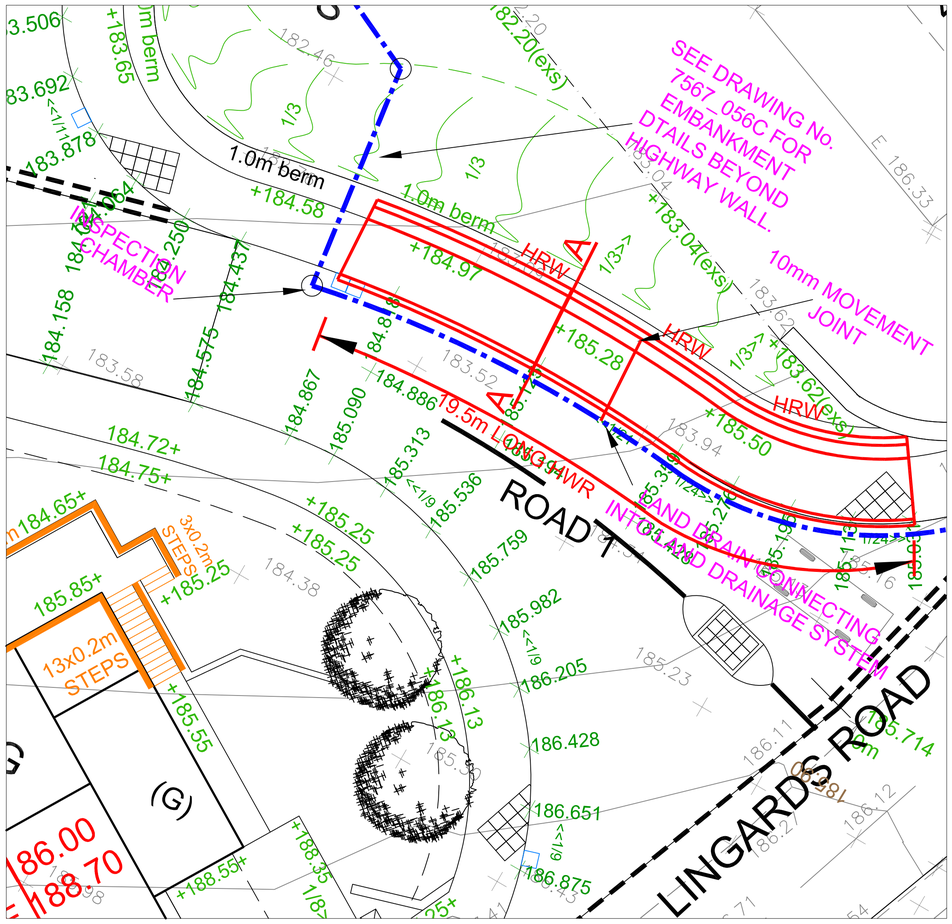
COPING STONE DETAIL

NOTES

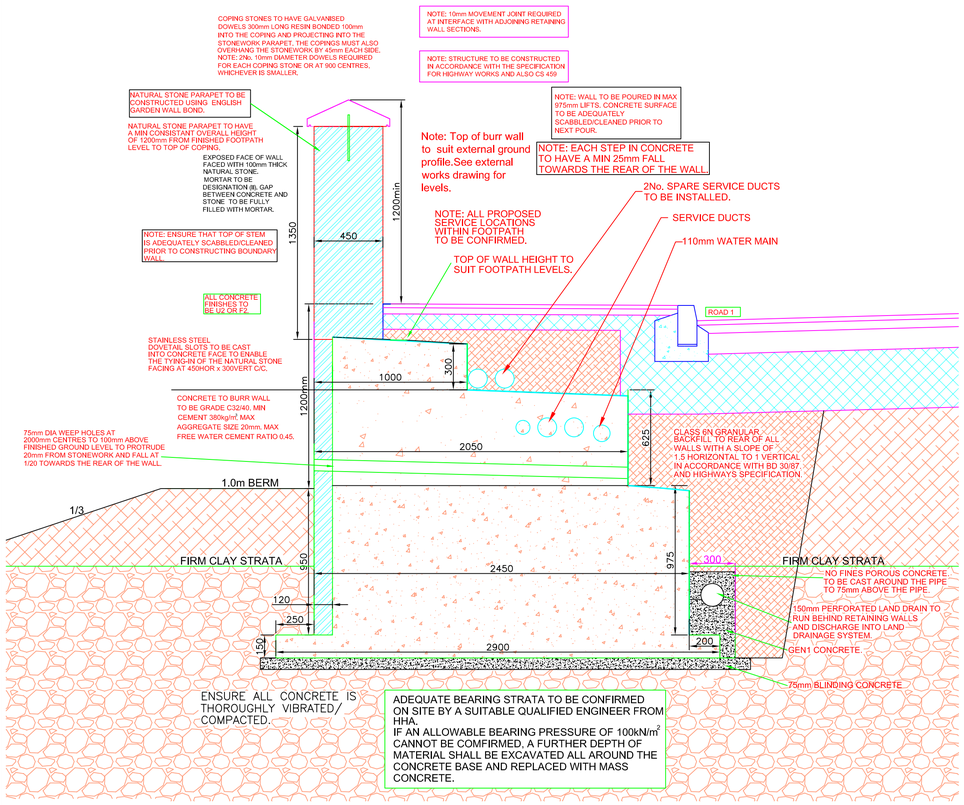
1. All concrete to be Grade C32/40.
2. Concrete sulphate class DS-1 ACEC class AC-2z to be used throughout.

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.

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	1.20m high masonry parapet wall in natural stone.	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/mm². Stonework fixing to be spaced at 450mm horizontally and 300mm vertically using stainless steel wall ties. 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



LOCATION PLAN
SCALE: 1/100



SECTION A–A

Rev E Amended to suit Kirklees Highways comments	29.04.25PW
Rev D Amended to suit Kirklees Highways comments	24.04.25PW
Rev C Amended to suit Kirklees Highways comments	31.03.25PW
Rev B Amended to suit Kirklees Highways comments	18.03.25PW
Rev A Amended to suit Kirklees Highways comments	03.03.25PW

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Client
SB HOMES

Project
LINGARD ROAD, SLAITHWAITE

Detail
HIGHWAY BURR WALL TO ROAD 1/SITE ENTRANCE

Drwn	Chkd	Date	Scale	Dwg No.
FW	MH	Jan 25	1:20@A1	E19/7567/103E

PRELIMINARY