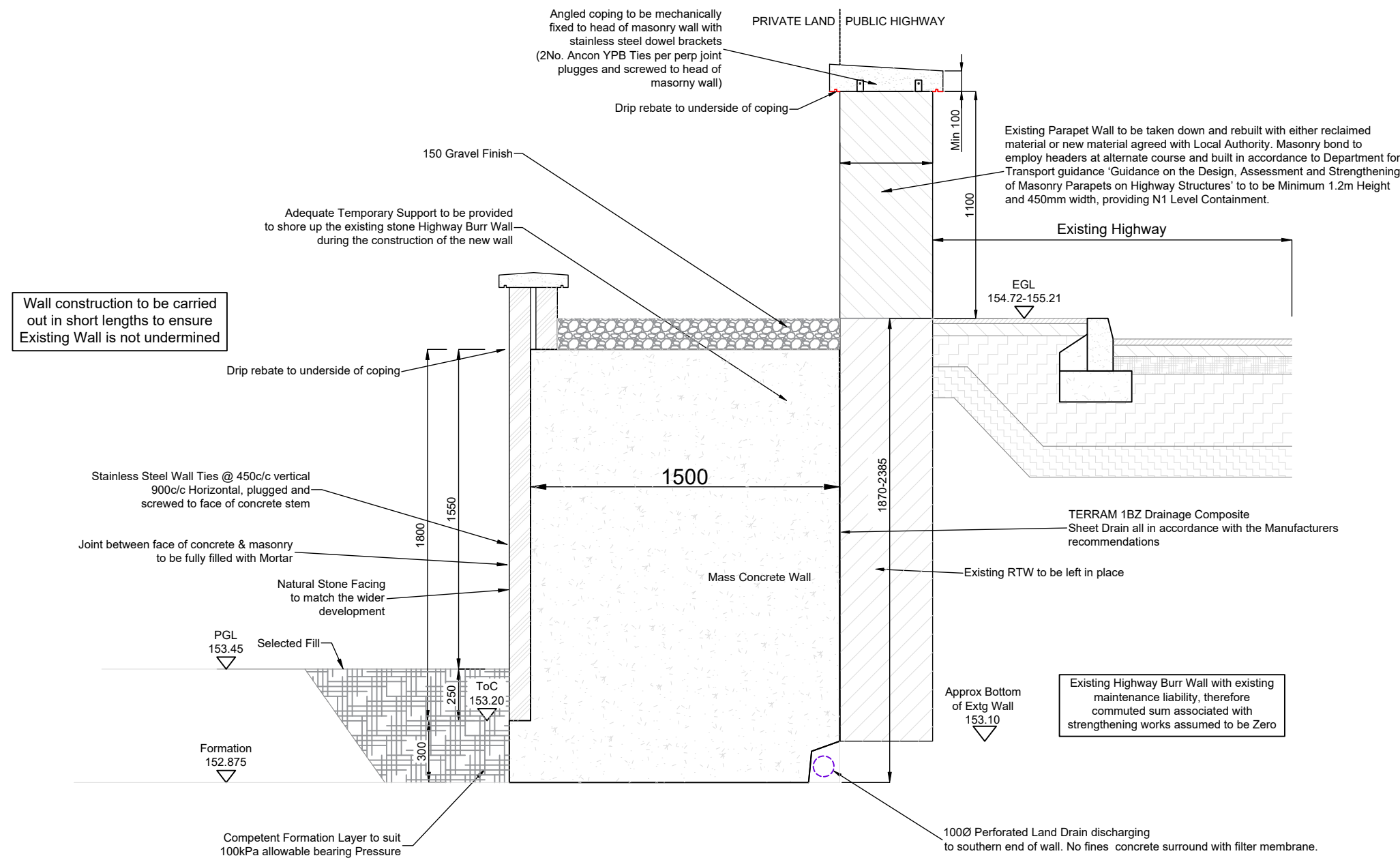




Section A-A
Mass Concrete Highway Burr Wall Adjacent to Plot no 1
Scale 1:25

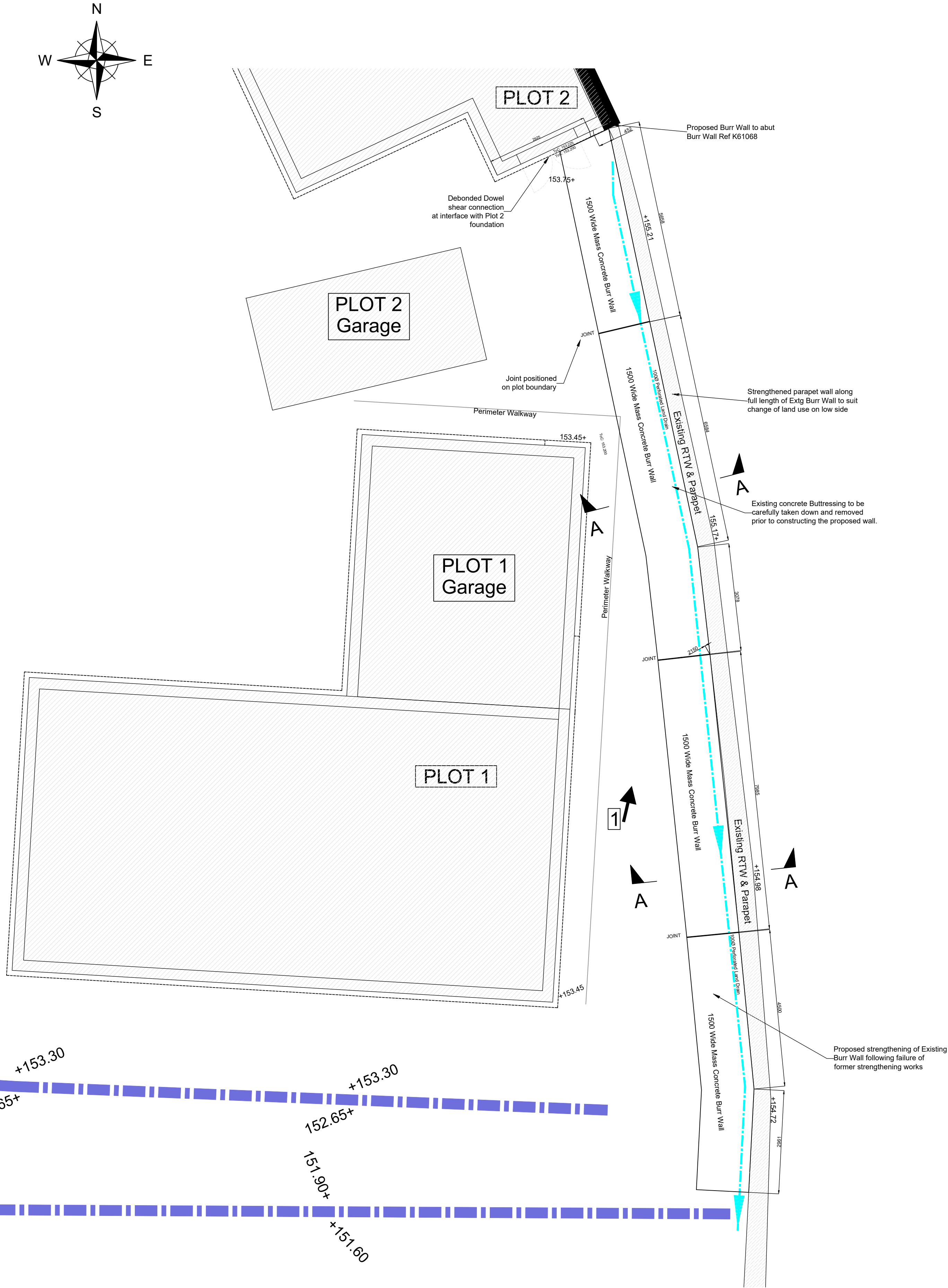
Table 3.11 - Extracted from P19-00650-Met-RP-S-005 AIP04 Mass Concrete Burr Wall		
Item	Material	Finish / Location
Mass Concrete Wall	Designed concrete mix concrete in accordance with BS 8500-1 and BS EN 206-1; C35/45 strength, 340 kg/m ³ min. cement content, 0.45 max. W/C ratio, S3 slump.	Exposure class for all elements; chloride XD3, carbonation XC3, freeze thaw XF2, for 100 years design working life. The wall stem to be faced with Natural stone masonry to increase its design working life to 120 years (min)
Backfill Material	No Fines Concrete	Surround to Land Drain
Waterproofing	N/A	
Land drainage	Provision of 100mm dia. PVC perforated longitudinal drain behind the wall surrounded in no fines concrete and taken to a suitable outfall in addition to 75mm dia weep pipes installed at 2.0 centres through the wall.	Land drainage to rear of wall
Masonry	Natural Stone Masonry with minimum compressive strength of 15N/mm ² to match the properties on the development.	Wall facing with flush pointing, tied to concrete with stainless steel wall ties at 5no/Sqm. All mortar to be M6 to BS EN1996-2.
Masonry Parapet	A mixture of masonry from the existing (if deemed suitable, as directed by the Council's 38 supervisor) and new Natural Stone Masonry with minimum compressive strength of 15N/mm ² to match the properties on the development. Material to be agreed.	Parapet The stone unit type and mortar colour are to be selected to suit aesthetic requirements. Bond type will be a Double Flemish or similar and must contain regular header courses.



View 1 As Existing



Site Location - NTS
Fold Farm, Netherton Fold, Netherton
Huddersfield, HD4 7HB



Proposed Site Plan

- Do not scale dimensions from this drawing in either paper or electronic format.
- To be read in conjunction with all relevant Engineer's, Architect's and Other drawings and specifications.
- All building products to be used in strict accordance with the manufacturer's recommendations.
- Any discrepancies are to be reported to the Engineer immediately.
- Main Contractor to provide a detailed method statement for all works prior to commencement on site.

#	Hazard/Risk	Mitigation / Residual Risk
1.	XXX (Risk-High)	XXX (Risk-Low)
2.	XXX (Risk-High)	XXX (Risk-Low)
3.	XXX (Risk-High)	XXX (Risk-Low)
4.	XXX (Risk-High)	XXX (Risk-Low)
5.	XXX (Risk-High)	XXX (Risk-Low)

Construction Notes

- All reinforced concrete to be design mix as noted in materials table.
- Any 215 masonry walls should be formed from 100/140 blocks laid flat such that the weight of individual masonry units does not exceed 18kg.
- All structural steelwork to be grade S355.
- All connections to be formed from min 2No M16 bolts or equivalent weld.
- All steelwork to have protective coating in accordance with Met Engineer's specification.
- Refer to Architect's drawings for setting out of masonry.
- Refer to Architect's drawings for details of DPC, DPM, Tanking etc.
- All mass concrete to be GEN3.
- All masonry below ground to be Min 7N Blockwork in a grade II Mortar in accordance with BS5628 Part 3.

6	14/06/23	IFL	As Built	AK
5	28/06/22	IFL	Drain surround amended	AK
4	12/06/22	IFL	Mass wall substituted for RC wall	AK
3	02.02.22	RJS	Interface with plot 2 clarified Table 3.1 updated. Backfill type amended Underlying topo survey removed Parapet wall coping shown Additional clims & 2No extra joints added	RJS
2	17.01.22	RJS	Wall Stem moved forwards. Shear key removed. Land Drain added Extent of wall increased to Plot 2	RJS
1	24.11.21	WST	First Issue	RJS
Issue	Date	Drawn	Description	Chk'd



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Client
Holroyd Homes
(Yorkshire) Ltd

Project
Netherton Fold
Netherton

Title
Proposed Private Cantilevered RC Burr Wall
at Netherton Fold & Lea Lane

Drawn	WST	Checked	RJS	Scale	NTS
Date	Nov 21	Date	Nov 21	Original Size	A1
Status	AS BUILT				

Drawing No	Issue
P19-00650-Met-M2-S-080	6