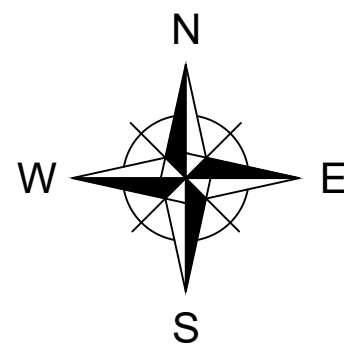


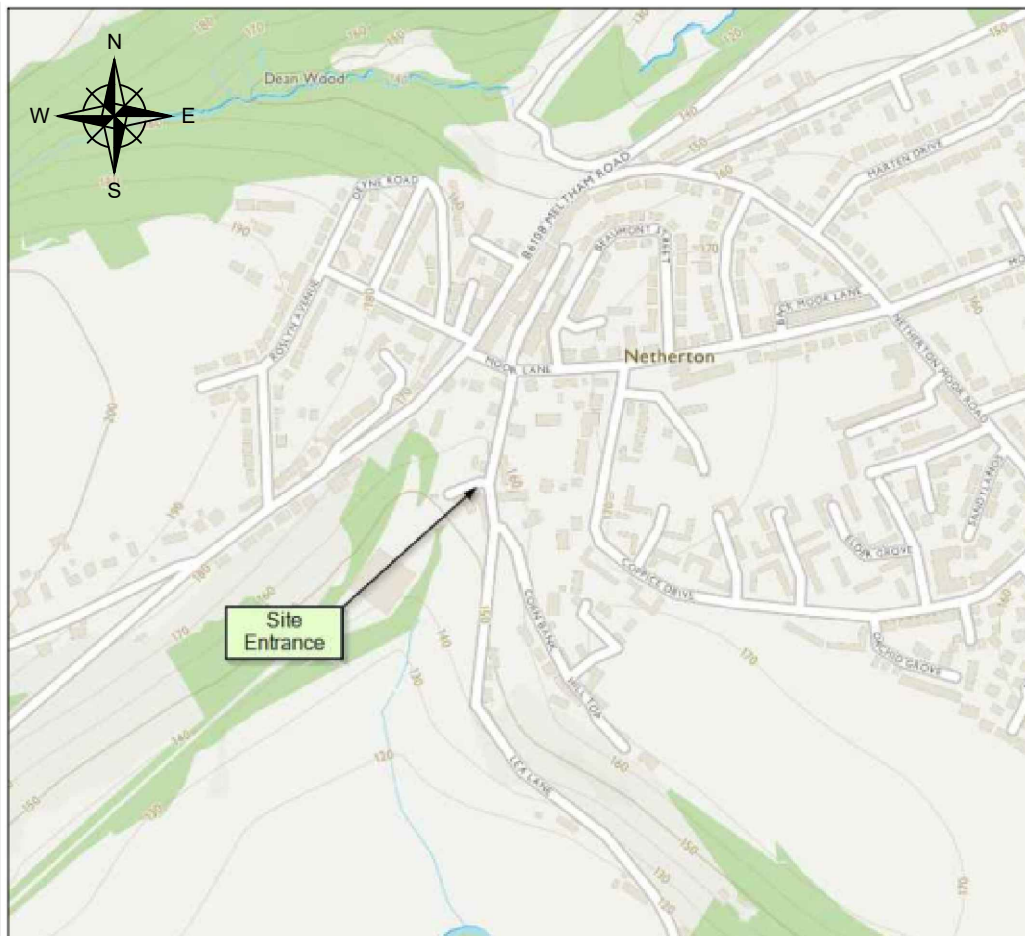


## Scale 1:25

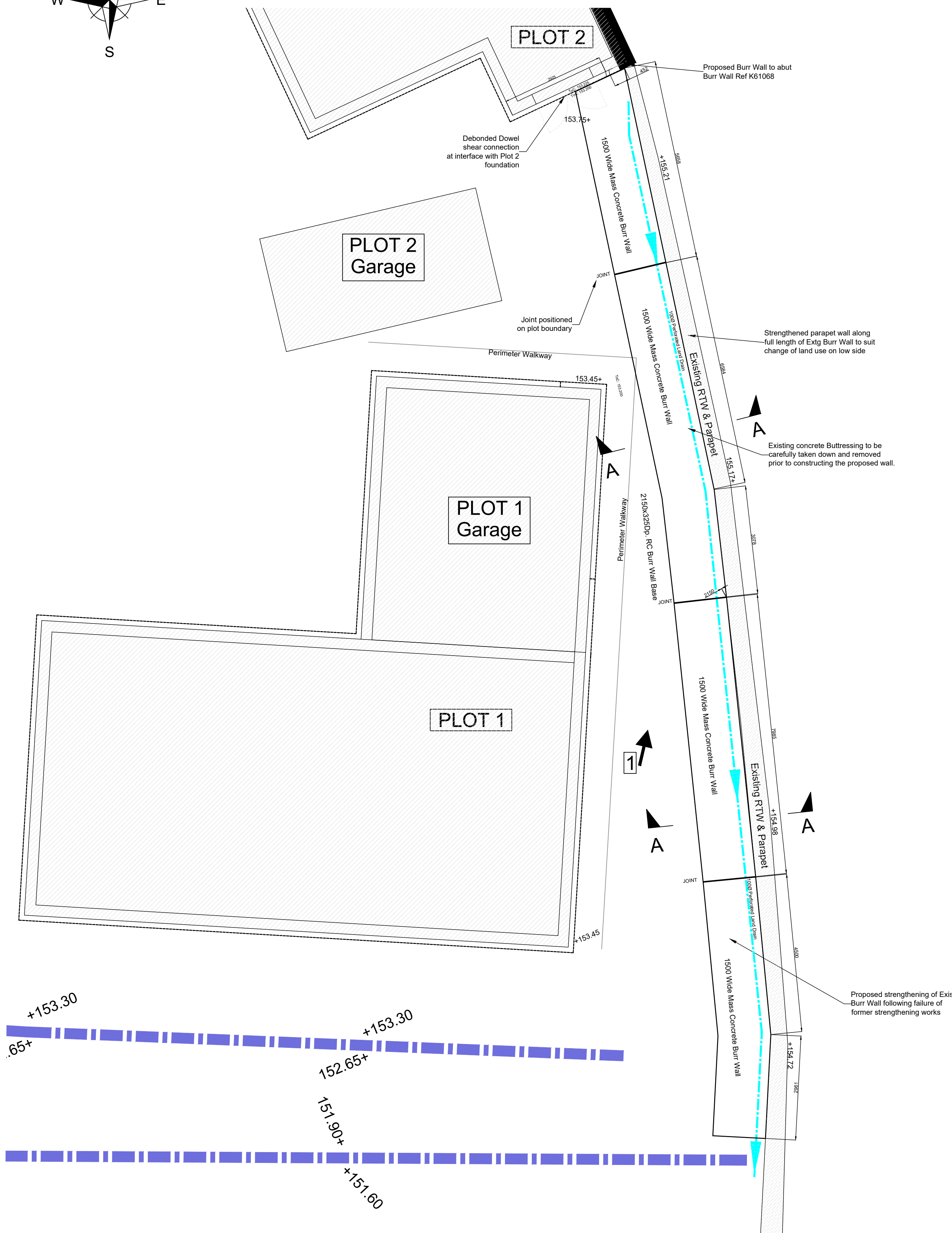
| Item                              | Material                                                                                                                                                                                                                                                          | Finish / Location                                                                                                                                                                                                               |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reinforced Concrete stem and base | Designed concrete mix concrete in accordance with BS 8500-1 and BS EN 206-1, C35/45 strength, 340 kg/m <sup>3</sup> min cement content, 0.45 max. W/C ratio, S1 slump. E500BS Steel reinforcement in accordance with BS 4449 and BS EN 10080.                     | 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                                                                                                                                                                                                                                                 | Backfill to Structure                                                                                                                                                                                                           |
|                                   | No Fines Concrete                                                                                                                                                                                                                                                 | Surround to Land Drain.                                                                                                                                                                                                         |
| Waterproofing                     | 2 Coats Mulsal & Protective Sheet Drain Composite                                                                                                                                                                                                                 | Rear of Wall Stem                                                                                                                                                                                                               |
| Land drainage                     | Provision of 100mm dia. PVC perforated longitudinal drain behind the wall surrounded in no fines concrete and taken to a suitable outlet in addition to 75mm dia weep pipes installed at 2.0m centres through the wall.                                           | Land drainage to rear of wall stem                                                                                                                                                                                              |
| Masonry                           | Natural Stone Masonry with minimum compressive strength of 15N/mm <sup>2</sup> to match the properties on the development.                                                                                                                                        | Wall facing with flush pointing, tied to concrete with stainless steel wall ties at 500mm. All mortar to be M5 to BS EN196-2.                                                                                                   |
| 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 <sup>2</sup> to match the properties on the development. Material to be agreed. | Parapet<br>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



Fold Farm, Netherton Fold, Netherton  
Huddersfield, HD4 7HB



## Proposed Site Plan

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

| Design Risk |                 |
|-------------|-----------------|
| #           | Hazard/Risk     |
| 1.          | XXX (Risk-High) |
| 2.          | XXX (Risk-High) |
| 3.          | XXX (Risk-High) |
| 4.          | XXX (Risk-High) |
| 5.          | XXX (Risk-High) |

1. All reinforced concrete to be design mix as noted in materials table.
2. 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.
3. All structural steelwork to be grade S355.
4. All connections to be formed from min 2No M16 bolts or equivalent weld.
5. All steelwork to have protective coating in accordance with Met Engineer's specification.
6. Refer to Architect's drawings for setting out of masonry.
7. Refer to Architect's drawings for details of DPC, DPM, Tanking etc.
8. All mass concrete to be GEN3.
9. All masonry below ground to be Min 7N Blockwork in a grade II Mortar in accordance with BS5628 Part 3

|       |          |       |                                                                                                                                                                                       |       |
|-------|----------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 4     | 12/06/22 | IFL   | Mass wall substituted for RC wall                                                                                                                                                     | AK    |
| 3     | 02.02.22 | RJS   | Interface with plot 2 clarified<br>Table 3.1 updated, Backfill type amended<br>Underlying top survey removed<br>Parapet wall coping shown<br>Additional dims & 2No extra joints added | RJS   |
| 2     | 17.01.22 | RJS   | Wall Stem moved forwards.<br>Shear key removed, Land Drain added<br>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<br>Netherton |
|---------|-----------------------------|

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

|                   |        |         |        |                     |
|-------------------|--------|---------|--------|---------------------|
| Drawn             | WST    | Checked | RJS    | Scale<br><br>NTS    |
| Date              | Nov 21 | Date    | Nov 21 |                     |
| Status<br>COMMENT |        |         |        | Original Size<br>A1 |

|                        |       |
|------------------------|-------|
| Drawing No             | Issue |
| P19-00650-Met-M2-S-080 | 4     |