

|                                                                                                                                  | INFORMATION WITHIN THIS DRAWING IS NOT NECESSARILY PRODUCED TO SCALE<br>ALWAYS USE FIGURED DIMENSIONS AND CO-ORDINATES - IF IN DOUBT, ASK.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                               |           |           |                 |  |
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|                                                                                                                                  | NOTES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                               |           |           |                 |  |
| Damaged steps to be patched<br>up/repointed as required.<br>Extents of repairs to be agreed<br>with Barnsley Highway<br>engineer | 1. All works shall be carried out in accordance with the Specification for Highway Works unless otherwise                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                               |           |           |                 |  |
|                                                                                                                                  | <ol> <li>instructed by Local Authority Highways Inspecting Officer/Engineer.</li> <li>All Statutory Undertakers covers and frames to be lifted to suit new carriageway and footway levels prior to</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                               |           |           |                 |  |
|                                                                                                                                  | <ol> <li>surfacing.</li> <li>The contractor shall obtain all necessary road opening notices and licenses before the commencement of</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                               |           |           |                 |  |
|                                                                                                                                  | <ul><li>the works on the highway and should be maintained throughout the duration of the works.</li><li>Final surfacing should not be laid until all the works by Statutory Undertakers are completed and the</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                               |           |           |                 |  |
|                                                                                                                                  | 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | drainage CCTV surveys required by Barnsley MBC along with any relevant re<br>to the Local Authority Highways Inspection Officer/ Engineers satisfaction.      |           |           |                 |  |
|                                                                                                                                  | <ol> <li>All services are to be located on site before any works are carried out.</li> <li>The contractor is to hand dig any trial pits to locate any services which may be affected by the proposed</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                               |           |           |                 |  |
| Side of the ACO channel to be<br>cut at this point to collect                                                                    | 7.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | works.                                                                                                                                                        |           | -         |                 |  |
| water which is issuing from this location.                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | qualified, approved electrical engineer.                                                                                                                      |           |           |                 |  |
| Ground levels in this corner<br>are to be raised approximately                                                                   | 8.<br>9.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Extents of carriageway tie in to be agreed with Highway Authority Engineer o<br>The contractor shall contact the Local Authority Highways Inspecting Officer/ |           | r at leas | t 24 hours      |  |
| 30mm to ensure that water<br>enters drainage channel<br>Proposed Aco Channel                                                     | <ul> <li>prior to the commencement of cold milling operations to arrange a site meeting. The extent of carriageway tie-in to be agreed. Costs to be borne by the Developer.</li> <li>After planning operations carriageway is to be jointly inspected and the extents of any additional deep</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                               |           |           |                 |  |
| Existing                                                                                                                         | patching/ planning to be agreed with Highway Authority Engineer on site prior to surfacing. Costs to be borne by the Developer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                               |           |           |                 |  |
| Gully Existing gully's to have grate<br>and frame replaced with Class                                                            | 11.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Prior to commencement of construction work, the setting out lines are to be a<br>Highway Inspecting Officer/Engineer on site.                                 | greed w   | th the L  | ocal Authority  |  |
|                                                                                                                                  | 12.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Traffic management to be in accordance with the Safety at Streetworks and F<br>Practice (2nd impression) and is the Contractors responsibility to implement a |           |           | Code of         |  |
| UDWORTH GREEN                                                                                                                    | 13.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | The Contractor is to provide and maintain a pedestrian route through the wor                                                                                  | ks at all | location  | s at all times. |  |
|                                                                                                                                  | 14.<br>15.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | All paving details to tie into existing level.<br>All carriageway and footway ironwork to be class D400.                                                      |           |           |                 |  |
|                                                                                                                                  | 16. All carriageway ironwork to be bedded on M60 epoxy mortar.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                               |           |           |                 |  |
|                                                                                                                                  | <ol> <li>All damaged kerbs, channeling and edging to be replaced as directed by Highway Authority Inspecting<br/>Officer/ Engineer.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                               |           |           |                 |  |
|                                                                                                                                  | 18. Voids formed in the existing carriageway by the removal of kerbs etc., where compaction is difficult to achieve (up to 750mm width) shall be filled with ST4 concrete up to binder course level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                               |           |           |                 |  |
|                                                                                                                                  | 19. All damaged or worn carriageway and footway iron work to be replaced.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                               |           |           |                 |  |
|                                                                                                                                  | <ol> <li>Existing gullies and connections within the extents of the works are to be cleaned of detritus and jetted through.</li> <li>Cationic bituminana analysis and the analysis of the sufficiency provided to all suff</li></ol> |                                                                                                                                                               |           |           |                 |  |
|                                                                                                                                  | <ol> <li>Cationic bituminous emulsion shall be applied to all surfaces receiving bituminous materials.</li> <li>Tack coats to be applied to all planed surfaces and binder course. The rate of spread of tack coats shall be</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                               |           |           |                 |  |
|                                                                                                                                  | <ul><li>in accordance with clause 920.8 and BS 594987.</li><li>23. Ensure low spots are not created in the carriageway channels in the vicinity of pedestrian crossings.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                               |           |           |                 |  |
|                                                                                                                                  | <ol> <li>24. Roads to be swept regularly, application of weedkiller and removal of all weeds to be maintained<br/>throughout the duration of the works.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                               |           |           |                 |  |
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| rete bed and<br>und,Class ST4.                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                               |           |           |                 |  |
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|                                                                                                                                  | Е                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Minor amendment to kerb elevation for drive crossing                                                                                                          | GH        | СН        | 28.09.20        |  |
|                                                                                                                                  | D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Updated to suit S278 comments rec'd 09.03.20                                                                                                                  | GH        | СН        | 31.03.20        |  |
|                                                                                                                                  | С                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Updated to suit S278 comments                                                                                                                                 | GH        | СН        | 21.12.18        |  |
|                                                                                                                                  | В                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Updated to suit S278 comments                                                                                                                                 | GH        | СН        | 21.08.18        |  |
|                                                                                                                                  | А                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | First Issue.                                                                                                                                                  |           |           |                 |  |
|                                                                                                                                  | REV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DESCRIPTION                                                                                                                                                   | SIG       | СНК       | DATE            |  |
|                                                                                                                                  | BARRATT & DAVID WILSON HOMES<br>YORKSHIRE WEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                               |           |           |                 |  |
| 50x150 Edging Kerb<br>50x150 Edging Kerb<br>200<br>100 thick concrete<br>bed, Class ST4.<br>FOOTPATH<br>ERB DETAIL<br>le 1:20    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LAND OFF CARRS LANE, CUDWORTH,<br>BARNSLEY, SOUTH YORKSHIRE                                                                                                   |           |           |                 |  |
|                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | S278 HIGHWAY CONSTRUCTION<br>DETAILS<br>(SHEET 1 OF 2)                                                                                                        |           |           |                 |  |
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