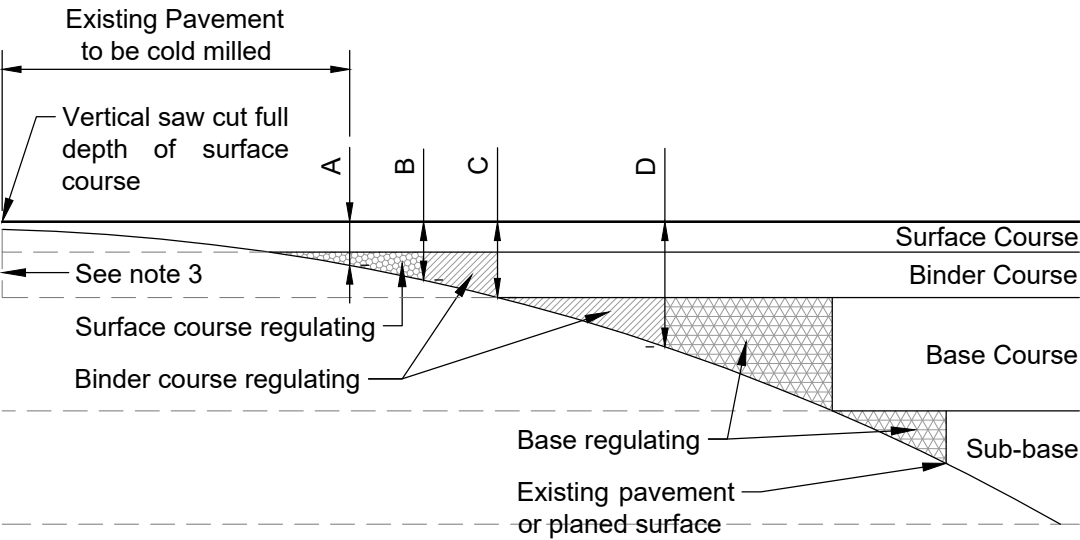


ALL DIMENSIONS TO BE CHECKED BY CONTRACTOR



- DIMENSION NOTES :**
- A. Thickness of surface course as stated in Appendix 7/1.
  - B. Thickness of surface course, plus minimum thickness of binder course regulating material as stated in Appendix 7/1.
  - C. Thickness of surface and binder courses as stated in Appendix 7/1.
  - D. Thickness of surface and binder courses, plus minimum thickness of base regulating material as stated in Appendix 7/1.

**REGULATING COURSES FOR TIE-INS ON EXISTING CARRIAGEWAY - SCC DETAIL 07.01**

**TABLE A - HIGHWAY CONSTRUCTION SPECIFICATION**

|                  |                                                                                                                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | MAJOR ACCESS ROAD CONSTRUCTION - ( Asphalt )                                                                                                                                                                                |
| SURFACE COURSE   | <b>SC1</b> - 40mm thick HRA 55 / 10 F surf 40 / 60 to BS EN 13108 Pt4. Min. PSV of 55.                                                                                                                                      |
| BINDER COURSE    | <b>BC1</b> - 60mm thick AC20 dense bin 100 / 150 binder recipe mix to BS EN 13108 Pt1.                                                                                                                                      |
| BASECOURSE       | <b>B1</b> - 150mm thick AC32 dense base 100 / 150 base recipe mix to BSEN 13108 Pt1.                                                                                                                                        |
| SUB-BASE/CAPPING | SUB BASE - Min. 150mm Type 1 granular material to DTp clause 803.<br>( thickness subject to insitu CBR results - see Figure 1 )<br><br>CAPPING - 6F2 material<br>( thickness subject to insitu CBR results - see Figure 1 ) |

| CBR VALUE (%) | SUB-BASE TYPE 1     | CAPPING TYPE 6F2 |
|---------------|---------------------|------------------|
| < 2%          | 150mm PLUS          | 600mm            |
| 2-5%          | 150mm PLUS          | 350mm            |
| 5%-15%        | 225mm (in 2 layers) | _____            |
| 15% >         | 150mm               | _____            |

**FIGURE 1**

- NOTES :**
- Minimum carriageway thickness - 450mm formation to be proof rolled with any soft spots to be replaced with well compacted type 1 sub-base or 6f2 capping material to the DTp specification for highway works.
  - CBR values are to use laboratory based equilibrium CBR values or alternatively a worst case scenario of ground conditions <2% assumed requiring 600mm capping and 150mm Type 1 material, unless the development is able to provide test results to show otherwise. No in-situ CBR tests will be permitted as part of the works.
  - Equilibrium CBR based on plasticity testing of cohesive material or grading of granular material at formation level.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                       |                                      |          |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------|----------|--|--|
| C01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FOR CONSTRUCTION                                                      | JL                                   | 27.06.25 |  |  |
| P02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | S278 WORKS AMENDED TO SUIT PREVIOUS AGREEMENT WITH HIGHWAY AUTHORITY. | OJB                                  | 14.02.25 |  |  |
| P01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | INITIAL ISSUE.                                                        | OJB                                  | 22.11.24 |  |  |
| REV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AMENDMENT                                                             | BY                                   | DATE     |  |  |
| <div><div><div>CE</div><div>PROJECT EXECUTION CLASS: N/A</div><div>All materials supplied in relations to those specified on this drawing are to be CE marked in accordance with the European Union Declaration of conformity</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                       |                                      |          |  |  |
| PURPOSE OF ISSUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                       |                                      |          |  |  |
| FOR CONSTRUCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                       |                                      |          |  |  |
| <div><div><div><div>COUCH</div><div>Consulting Engineers</div><div>Civil &amp; Structural</div></div><div><div>SUTTON COLDFIELD</div><div>St. George's House, Priory,</div><div>London Road, Canwell,</div><div>Sutton Coldfield,</div><div>B75 5SH</div><div>Tel: 0121 308 7557</div><div>info@cceng.co.uk</div></div><div><div><input checked="" type="checkbox"/></div><div>AYLESBURY</div><div>Midshires House,</div><div>Midshires Business Park,</div><div>Smeaton Close, Aylesbury,</div><div>HP16 8HL</div><div>Tel: 01296 761 719</div></div><div><div><input type="checkbox"/></div><div>STOKE-ON-TRENT</div><div>Genesis Centre,</div><div>18 Innovation Way,</div><div>Stoke-on-Trent,</div><div>ST6 4BF</div><div>Tel: 01782 366 160</div><div>www.cceng.co.uk</div></div></div></div> |                                                                       | <div><div><div>CCE</div></div></div> |          |  |  |
| CLIENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                       |                                      |          |  |  |
| HARPER GROUP CONSTRUCTION LTD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                       |                                      |          |  |  |
| PROJECT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                       |                                      |          |  |  |
| RESIDENTIAL DEVELOPMENT @<br>UTTOXETER ROAD, BLYTHE BRIDGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                       |                                      |          |  |  |
| DRAWING TITLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                       |                                      |          |  |  |
| SECTION 111 AGREEMENT<br>CONSTRUCTION DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                       |                                      |          |  |  |
| SHEET SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SCALE                                                                 | DATE                                 | DRAWN    |  |  |
| A3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1:100                                                                 | NOV 2024                             | OJB      |  |  |
| CHECKED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | STATUS                                                                |                                      |          |  |  |
| ME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                     |                                      |          |  |  |
| CCE PROJECT No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DRAWING No.                                                           |                                      |          |  |  |
| c8576                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 265                                                                   |                                      |          |  |  |
| REV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                       |                                      |          |  |  |
| C01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                       |                                      |          |  |  |