



| CHAINAGE | EXISTING GROUND LEVEL | POST DEMO | ALIGNMENT LEVEL | VERTICAL ALIGNMENT            | HORIZONTAL ALIGNMENT | LEFT HAND CHANNEL | CENTRE LINE | RIGHT HAND CHANNEL | STORMWATER COVER LEVEL | STORMWATER INVERT | STORMWATER DETAILS                                  | STORMWATER LENGTHS | FOULWATER COVER LEVEL | FOULWATER INVERT                     | FOULWATER DETAILS | FOULWATER LENGTHS |         |
|----------|-----------------------|-----------|-----------------|-------------------------------|----------------------|-------------------|-------------|--------------------|------------------------|-------------------|---|--------------------|-----------------------|--------------------------------------|-------------------|-------------------|---------|
| 370.000  | 119.725               | 119.645   | 119.648         | G = -1.401%<br>1: -71.4       | R = 6,750            | 119.571           | 119.648     | 119.571            | 118.180                | 118.180           | 0<br>Ø<br>CONC<br>237                               | 16                 | 117.481               | 119.390                              | 0<br>CLAY<br>10   | 3                 |         |
| 380.000  | 119.574               | 119.459   | 119.507         |                               |                      | 119.431           | 119.431     | 119.431            |                        |                   |   |                    |                       |                                      |                   |                   | 119.431 |
| 390.000  | 119.424               | 119.283   | 119.367         |                               |                      | 119.291           | 119.291     | 119.291            |                        |                   |   |                    |                       |                                      |                   |                   | 119.291 |
| 400.000  | 119.383               | 119.227   | 119.227         | G = 0.475%<br>1: 210.3        | R = 6,750            | 119.151           | 119.227     | 119.151            | 118.800                | 117.975           | Pipe 19.000<br>Dia 225<br>Circular CLAY<br>1 in 197 | 11.821             | 118.693               | Dia 150<br>Circular CLAY<br>1 in 190 | 54.308            |                   |         |
| 410.000  | 119.138               | 119.564   | 119.087         |                               |                      | 119.011           | 119.011     | 119.011            |                        |                   |   |                    |                       |                                      |                   | 119.011           |         |
| 420.000  | 118.965               | 118.947   | 118.947         |                               |                      | 118.871           | 118.871     | 118.871            |                        |                   |   |                    |                       |                                      |                   | 118.871           |         |
| 430.000  | 118.863               | 118.807   | 118.807         | G = 1.363%<br>1: 73.3         | R = 6,750            | 118.731           | 118.807     | 118.731            | 118.890                | 117.765           | Dia 225<br>Circular CLAY<br>1 in 149                | 23.948             | 118.710               | Dia 150<br>Circular CLAY<br>1 in 150 | 10.000            |                   |         |
| 440.000  | 118.705               | 118.680   | 118.680         |                               |                      | 118.618           | 118.618     | 118.618            |                        |                   |   |                    |                       |                                      |                   | 118.618           |         |
| 450.000  | 118.773               | 118.708   | 118.708         |                               |                      | 118.632           | 118.632     | 118.632            |                        |                   |   |                    |                       |                                      |                   | 118.632           |         |
| 460.000  | 118.819               | 118.756   | 118.756         | G = 2.776%<br>1: 36.0         | R = 6,750            | 118.679           | 118.756     | 118.679            | 119.560                | 118.075           | 0   |                    |                       |                                      |                   |                   |         |
| 470.000  | 118.863               | 118.803   | 118.803         |                               |                      | 118.727           | 118.727     | 118.727            |                        |                   |   |                    |                       |                                      |                   | 118.727           |         |
| 480.000  | 118.892               | 118.851   | 118.851         |                               |                      | 118.775           | 118.775     | 118.775            |                        |                   |   |                    |                       |                                      |                   | 118.775           |         |
| 481.000  | 481.294               | 118.858   | 118.858         | L = 20.000<br>KF = -196.08794 | R = 6,750            | 118.936           | 119.013     | 118.936            | 119.560                | 118.075           | Dia 225<br>Circular CLAY<br>1 in 149                |                    |                       |                                      |                   |                   |         |
| 487.000  | 487.340               | 118.840   | 118.840         |                               |                      | 119.214           | 119.214     | 119.214            |                        |                   |   |                    |                       |                                      |                   | 119.214           |         |
| 490.000  | 118.998               | 119.013   | 119.013         |                               |                      | 119.214           | 119.214     | 119.214            |                        |                   |   |                    |                       |                                      |                   | 119.214           |         |
| 500.000  | 119.309               | 119.290   | 119.290         | L = 20.000<br>KF = -196.08794 | R = 6,750            | 119.492           | 119.568     | 119.492            | 119.560                | 118.075           | 0   |                    |                       |                                      |                   |                   |         |
| 510.000  | 119.522               | 119.568   | 119.568         |                               |                      | 120.047           | 120.047     | 120.047            |                        |                   |   |                    |                       |                                      |                   | 120.047           |         |
| 513.000  | 119.821               | 119.846   | 119.846         |                               |                      | 120.128           | 120.128     | 120.128            |                        |                   |   |                    |                       |                                      |                   | 120.128           |         |
| 530.000  | 120.135               | 120.123   | 120.123         | L = 20.000<br>KF = -196.08794 | R = 6,750            | 120.309           | 120.382     | 120.309            | 119.560                | 118.075           | 0   |                    |                       |                                      |                   |                   |         |
| 532.920  | 120.367               | 120.367   | 120.367         |                               |                      | 120.415           | 120.415     | 120.415            |                        |                   |   |                    |                       |                                      |                   | 120.415           |         |
| 539.050  | 120.491               | 120.491   | 120.491         |                               |                      | 120.423           | 120.423     | 120.423            |                        |                   |   |                    |                       |                                      |                   | 120.423           |         |
| 540.000  | 120.592               | 120.592   | 120.592         | L = 20.000<br>KF = -196.08794 | R = 6,750            | 120.514           | 120.605     | 120.514            | 119.560                | 118.075           | 0   |                    |                       |                                      |                   |                   |         |
| 543.826  | 120.724               | 120.724   | 120.724         |                               |                      | 120.644           | 120.644     | 120.644            |                        |                   |   |                    |                       |                                      |                   | 120.644           |         |
| 545.000  | 120.852               | 120.852   | 120.852         |                               |                      | 120.713           | 120.713     | 120.713            |                        |                   |   |                    |                       |                                      |                   | 120.713           |         |
| 560.000  | 120.963               | 120.963   | 120.963         | L = 20.000<br>KF = -196.08794 | R = 6,750            | 120.754           | 120.825     | 120.754            | 119.560                | 118.075           | 0   |                    |                       |                                      |                   |                   |         |
| 600.000  | 121.084               | 121.084   | 121.084         |                               |                      | 120.864           | 120.864     | 120.864            |                        |                   |   |                    |                       |                                      |                   | 120.864           |         |
| 610.000  | 121.157               | 121.157   | 121.157         |                               |                      | 120.914           | 120.914     | 120.914            |                        |                   |   |                    |                       |                                      |                   | 120.914           |         |
| 620.000  | 121.254               | 121.254   | 121.254         | L = 20.000<br>KF = -196.08794 | R = 6,750            | 121.085           | 121.153     | 121.085            | 119.560                | 118.075           | 0   |                    |                       |                                      |                   |                   |         |
| 630.000  | 121.387               | 121.387   | 121.387         |                               |                      | 121.195           | 121.195     | 121.195            |                        |                   |   |                    |                       |                                      |                   | 121.195           |         |
| 640.000  | 121.456               | 121.456   | 121.456         |                               |                      | 121.305           | 121.305     | 121.305            |                        |                   |   |                    |                       |                                      |                   | 121.305           |         |
| 650.000  | 121.579               | 121.579   | 121.579         | L = 20.000<br>KF = -196.08794 | R = 6,750            | 121.415           | 121.484     | 121.415            | 119.560                | 118.075           | 0   |                    |                       |                                      |                   |                   |         |
| 660.000  | 121.637               | 121.637   | 121.637         |                               |                      | 121.594           | 121.594     | 121.594            |                        |                   |   |                    |                       |                                      |                   | 121.594           |         |
| 670.000  | 121.799               | 121.799   | 121.799         |                               |                      | 121.704           | 121.704     | 121.704            |                        |                   |   |                    |                       |                                      |                   | 121.704           |         |
| 680.000  | 121.899               | 121.899   | 121.899         | L = 20.000<br>KF = -196.08794 | R = 6,750            | 121.815           | 121.815     | 121.815            | 119.560                | 118.075           | 0   |                    |                       |                                      |                   |                   |         |
| 690.000  | 122.000               | 122.000   | 122.000         |                               |                      | 121.925           | 121.925     | 121.925            |                        |                   |   |                    |                       |                                      |                   | 121.925           |         |
| 700.000  | 122.097               | 122.097   | 122.097         |                               |                      | 122.076           | 122.076     | 122.076            |                        |                   |   |                    |                       |                                      |                   | 122.076           |         |
| 709.232  | 122.203               | 122.203   | 122.203         | L = 20.000<br>KF = -196.08794 | R = 6,750            | 122.178           | 122.247     | 122.178            | 119.560                | 118.075           | 0   |                    |                       |                                      |                   |                   |         |
| 710.000  | 122.346               | 122.346   | 122.346         |                               |                      | 122.255           | 122.255     | 122.255            |                        |                   |   |                    |                       |                                      |                   | 122.255           |         |
| 718.016  | 122.473               | 122.473   | 122.473         |                               |                      | 122.366           | 122.366     | 122.366            |                        |                   |   |                    |                       |                                      |                   | 122.366           |         |
| 720.000  | 122.530               | 122.530   | 122.530         | L = 20.000<br>KF = -196.08794 | R = 6,750            | 122.414           | 122.414     | 122.414            | 119.560                | 118.075           | 0   |                    |                       |                                      |                   |                   |         |
| 724.091  | 122.583               | 122.583   | 122.583         |                               |                      | 122.476           | 122.476     | 122.476            |                        |                   |   |                    |                       |                                      |                   | 122.476           |         |
| 725.000  | 122.635               | 122.635   | 122.635         |                               |                      | 122.507           | 122.507     | 122.507            |                        |                   |   |                    |                       |                                      |                   | 122.507           |         |
| 730.000  | 122.786               | 122.786   | 122.786         | L = 20.000<br>KF = -196.08794 | R = 6,750            | 122.609           | 122.609     | 122.609            | 119.560                | 118.075           | 0   |                    |                       |                                      |                   |                   |         |
| 735.000  | 122.530               | 122.530   | 122.530         |                               |                      | 122.695           | 122.695     | 122.695            |                        |                   |   |                    |                       |                                      |                   | 122.695           |         |
| 740.000  | 122.583               | 122.583   | 122.583         |                               |                      | 122.695           | 122.695     | 122.695            |                        |                   |   |                    |                       |                                      |                   | 122.695           |         |
| 745.000  | 122.635               | 122.635   | 122.635         | L = 20.000<br>KF = -196.08794 | R = 6,750            | 122.695           | 122.695     | 122.695            | 119.560                | 118.075           | 0   |                    |                       |                                      |                   |                   |         |
| 748.216  | 122.687               | 122.687   | 122.687         |                               |                      | 122.695           | 122.695     | 122.695            |                        |                   |   |                    |                       |                                      |                   | 122.695           |         |
| 750.000  | 122.786               | 122.786   | 122.786         |                               |                      | 122.695           | 122.695     | 122.695            |                        |                   |   |                    |                       |                                      |                   | 122.695           |         |

**KEY**

- PROPOSED ROAD VERTICAL ALIGNMENT
- - - EXISTING LEVELS
- POST DEMO LEVELS
- CONCRETE PROTECTION SLAB

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT AUTHORITIES, ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN IT IS ENTIRELY AT HIS OWN RISK.

**NOTES**

- CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS ARE TO BE WORKED FROM. DISCREPANCIES MUST BE REPORTED TO THE ARCHITECT OR ENGINEER BEFORE PROCEEDING. © THIS DRAWING IS COPYRIGHT.
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|          |   |       |         |          |
|----------|---|-------|---------|----------|
| REVISION | DESCRIPTION   | DRAWN | CHECKED | DATE     |
| A        | PHASE LIMITS AMENDED AND S71A ADDED<br>DRAINAGE ADDED TO LONGSECTION<br>ROAD LEVELS UPDATED TO SUIT DETAILED DESIGN | AT    | JF      | 13.01.15 |
| B        |   | CG    | AT      | 23.12.15 |
| C        |   | AT    | JF      | 16.12.15 |

PRELIMINARY  INFORMATION  TENDER  CONSTRUCTION  AS BUILT

**WOODS HARDWICK**  
ARCHITECTS, ENGINEERS AND DEVELOPMENT CONSULTANTS

TITLE: **UPPER HEYFORD PARCEL D3a (PHASE 4)**

DETAILS: **ROAD LONG SECTIONS SHEET 2**

SCALE: 1:500 H & 1:100V @ A1 DATE: JUNE 2015 DRAWN: AT CHK: JF

Please consider the environment before printing this drawing  
Filepath: F:\Engineer

**HEYF-5-881 C**