



| CHAINAGE              | 0.000                | 10.000 | 15.000                    | 20.000 | 25.000               | 30.000 | 35.000                     | 40.000 | 50.000               | 60.000 | 70.000                     | 80.000 | 90.000               | 95.000 | 100.000                    | 105.000 | 110.000              | 115.000 | 120.000                    | 125.000 | 130.000              | 135.000 | 140.000                   | 147.953 | 150.000              | 160.000 | 165.000 | 170.000 | 175.000 | 180.000 | 185.000 | 190.000 | 195.000 | 200.000 | 205.644 | 210.000 | 215.000 | 220.000 | 225.000 | 230.000 | 235.000 | 240.000 | 245.000 | 250.000 | 255.000 | 260.000 | 265.644 |
|-----------------------|----------------------|--------|---------------------------|--------|----------------------|--------|----------------------------|--------|----------------------|--------|----------------------------|--------|----------------------|--------|----------------------------|---------|----------------------|---------|----------------------------|---------|----------------------|---------|---------------------------|---------|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| EXISTING GROUND LEVEL | 43.454               | 43.888 | 44.033                    | 44.270 | 44.471               | 44.684 | 44.926                     | 45.181 | 45.637               | 46.111 | 46.596                     | 47.059 | 47.532               | 47.966 | 48.307                     | 48.213  | 48.446               | 48.637  | 48.845                     | 49.048  | 49.245               | 49.287  | 49.437                    | 49.677  | 50.007               | 50.378  | 50.576  | 50.764  | 50.946  | 51.128  | 51.304  | 51.478  | 51.627  | 51.801  | 52.175  | 52.349  | 52.520  | 52.684  | 52.841  | 52.991  | 53.138  | 53.289  | 53.448  | 53.614  | 53.789  | 54.146  | 54.562  |
| ALIGNMENT LEVEL       | 43.454               | 43.854 | 44.033                    | 44.257 | 44.471               | 44.684 | 44.926                     | 45.181 | 45.637               | 46.111 | 46.596                     | 47.059 | 47.532               | 47.966 | 48.307                     | 48.213  | 48.446               | 48.637  | 48.845                     | 49.048  | 49.245               | 49.287  | 49.437                    | 49.677  | 50.007               | 50.378  | 50.576  | 50.764  | 50.946  | 51.128  | 51.304  | 51.478  | 51.627  | 51.801  | 52.175  | 52.349  | 52.520  | 52.684  | 52.841  | 52.991  | 53.138  | 53.289  | 53.448  | 53.614  | 53.789  | 54.146  | 54.562  |
| VERTICAL ALIGNMENT    | G= 3.992%<br>1: 25.1 |        | KF= 26.77739<br>L= 20.000 |        | G= 4.739%<br>1: 21.1 |        | L= 20.000<br>KF= -37.62821 |        | G= 4.207%<br>1: 23.8 |        | L= 20.000<br>KF= -48.50759 |        | G= 3.795%<br>1: 26.4 |        | L= 20.000<br>KF= -64.56768 |         | G= 3.485%<br>1: 28.7 |         | L= 20.000<br>KF= -36.42458 |         | G= 2.936%<br>1: 34.1 |         | KF= 31.60382<br>L= 20.000 |         | G= 3.569%<br>1: 28.0 |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| HORIZONTAL ALIGNMENT  | R= 558.590           |        |                           |        |                      |        |                            |        |                      |        | R= 42605.212               |        |                      |        |                            |         |                      |         |                            |         |                      |         |                           |         |                      |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |

| CHAINAGE              | 0.000                 | 4.057  | 10.000 | 20.000 | 26.777 | 30.000 | 47.983 |
|-----------------------|-----------------------|--------|--------|--------|--------|--------|--------|
| EXISTING GROUND LEVEL | 51.989                | 51.976 | 52.035 | 52.155 | 52.225 | 52.279 | 54.475 |
| ALIGNMENT LEVEL       | 51.989                | 51.976 | 52.035 | 52.155 | 52.225 | 52.279 | 54.475 |
| VERTICAL ALIGNMENT    | G= 1.000%<br>1: 100.0 |        |        |        |        |        |        |
| HORIZONTAL ALIGNMENT  |                       |        |        |        |        |        |        |

**General Notes**

- DO NOT SCALE FROM THIS DRAWING. Scaling from this drawing or obtaining dimensions electronically may not provide accurate information and should be avoided, therefore work only from figured dimensions and contact JRC Consulting Engineers.
- This drawing is to be read in conjunction with all other relevant Architect's, Engineers & Specialist drawings, details, Specification and the relevant Health and Safety Plan (as appropriate to the project).

**C D M : SIGNIFICANT HAZARDS**

THE FOLLOWING HEALTH AND SAFETY HAZARDS ARE IDENTIFIED BY THE DESIGNER AS ABNORMAL IN PURSUANCE OF THE CURRENT CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS.

|   |
|---|
| <b>RISKS DURING CONSTRUCTION:</b>   |
| • No abnormal risks have been identified relating to this design element.   |
| <b>OPERATION / MAINTENANCE RISKS:</b>   |
| • No abnormal risks have been identified relating to this design element.   |
| <b>RISKS DURING DEMOLITION / DECOMMISSIONING / DISMANTLING / ALTERATIONS:</b>   |
| • No abnormal risks have been identified relating to this design element.   |
| IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY COMPETENT & ADEQUATELY RESOURCED CONTRACTOR(S) WORKING TO SAFE SYSTEMS OF WORK. |

| Rev | Date     | Details                                      | Drawn | Checked |
|-----|----------|--|-------|---------|
| P3  | 10.06.21 | Visibility splay added                       | JRC   | JRC     |
| P2  | 04.05.18 | Long section updated to suit extended survey | JRC   | JRC     |
| P1  | 05.02.18 | Issued for Comment                           | TR    | JRC     |

Drawing Status: **FOR CLIENT APPROVAL**



|               |   |
|---------------|---|
| Project       | SAMLESBURY QUARRY<br>SAMLESBURY<br>PRESTON, LANCASHIRE  |
| Client        | MINERAL & RESOURCE PLANNING ASSOCIATES                  |
| Drawing Title | PROPOSED QUARRY ACCESS<br>LONG SECTIONS<br>SHEET 5 OF 5 |
| Scale (@ A1)  | Horiz=1:500, Vert=1:100                                 |
| Date          | 04/16   |

|            |      |            |     |          |    |
|------------|------|------------|-----|----------|----|
| Project no | 1037 | Drawing no | 510 | Revision | P3 |
|------------|------|------------|-----|----------|----|