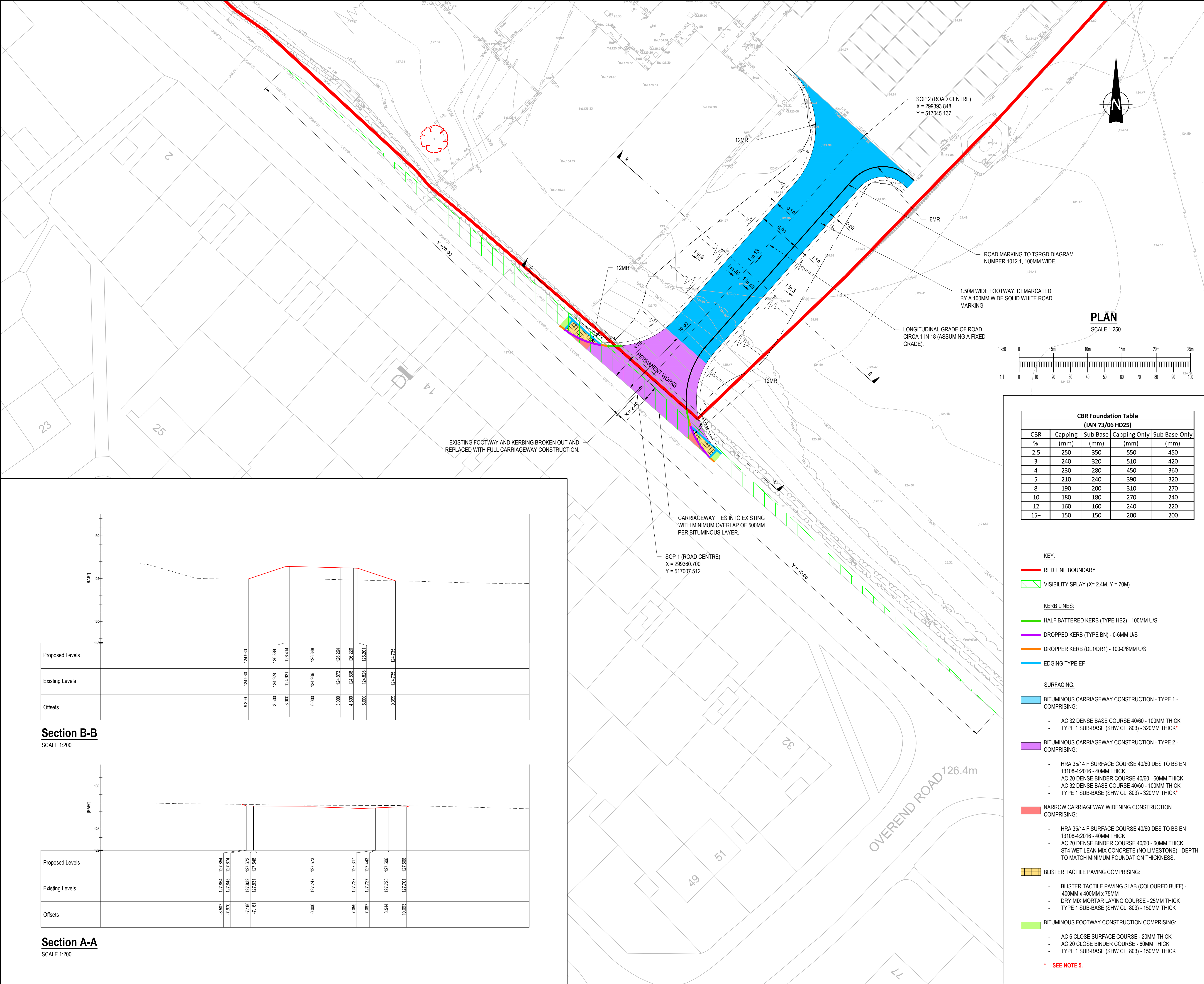




GENERAL NOTES:

- 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- 2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
- 3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- 4. FOR GENERAL NOTES REFER TO DRAWING.
- 5. CARRIAGEWAY FOUNDATION CONSTRUCTION DEPTH ILLUSTRATED IS BASED ON AN ASSUMED POST FILLING SUB-GRADE CBR OF 5%. CONTRACTOR IS TO UNDERTAKE CBR TESTING AND IF THE CBR VALUE IS LESS THAN 5% ADJUST THE FOUNDATION THICKNESS IN LINE WITH IAN 73 (HD 25), SEE TABLE BELOW.
- 6. NO FORMAL DRAINAGE HAS BEEN INCLUDED IN THE DESIGN. IT IS ASSUMED SURFACE WATER RUN-OFF WILL RUN OVER THE EDGE OF THE CARRIAGEWAY INTO THE FIELD.
- 7. JUNCTION VISIBLTY SPLAY SHOWN COMPLIES WITH CD 109 & 123, ASSUMING A 30MPH DESIGN SPEED.

PLAN  
SCALE 1:250

| CBR Foundation Table<br>(IAN 73/06 HD25) |              |               |                   |                    |
|------------------------------------------|--------------|---------------|-------------------|--------------------|
| CBR %                                    | Capping (mm) | Sub Base (mm) | Capping Only (mm) | Sub Base Only (mm) |
| 2.5                                      | 250          | 350           | 550               | 450                |
| 3                                        | 240          | 320           | 510               | 420                |
| 4                                        | 230          | 280           | 450               | 360                |
| 5                                        | 210          | 240           | 390               | 320                |
| 8                                        | 190          | 200           | 310               | 270                |
| 10                                       | 180          | 180           | 270               | 240                |
| 12                                       | 160          | 160           | 240               | 220                |
| 15+                                      | 150          | 150           | 200               | 200                |

KEY:

- RED LINE BOUNDARY
- VISIBILITY SPLAY (X= 2.4M, Y = 70M)

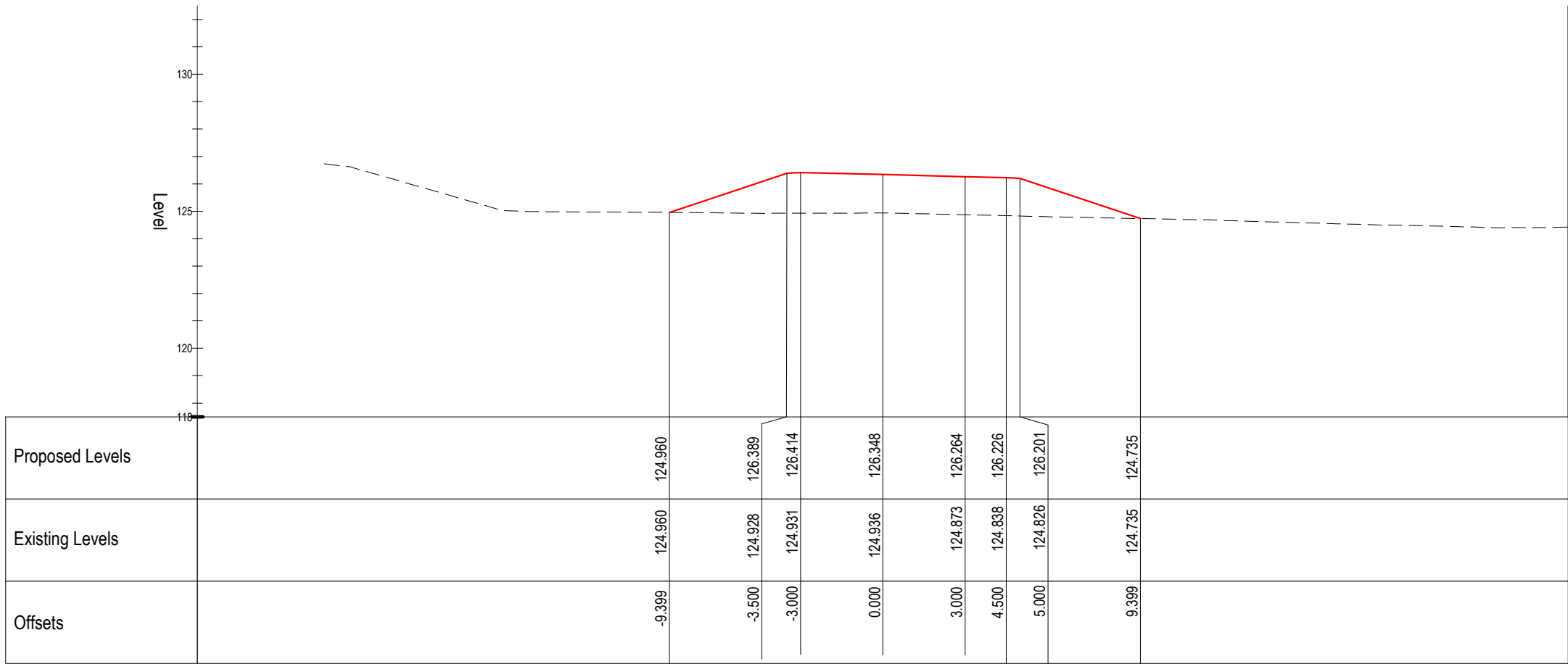
KERB LINES:

- HALF BATTERED KERB (TYPE HB2) - 100MM U/S
- DROPPED KERB (TYPE BN) - 0-6MM U/S
- DROPPER KERB (DL1/DR1) - 100-0/6MM U/S
- EDGING TYPE EF

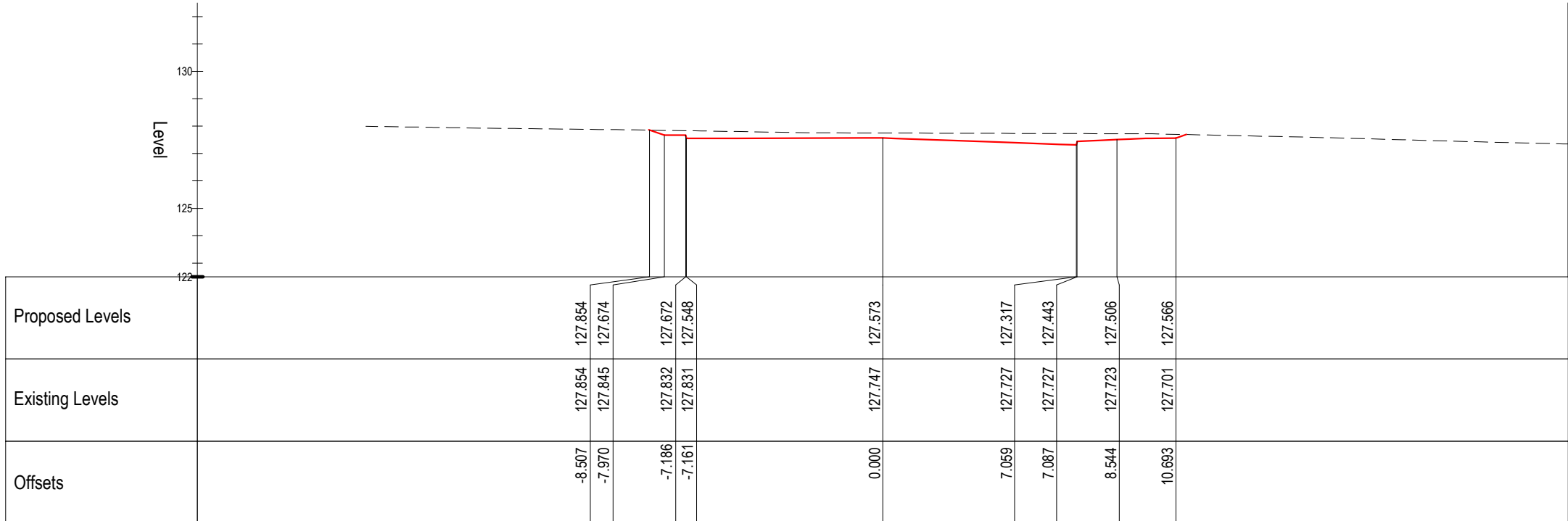
SURFACING:

- BITUMINOUS CARRIAGEWAY CONSTRUCTION - TYPE 1 - COMPRISING:
  - AC 32 DENSE BASE COURSE 40/60 - 100MM THICK
  - TYPE 1 SUB-BASE (SHW CL. 803) - 320MM THICK\*
- BITUMINOUS CARRIAGEWAY CONSTRUCTION - TYPE 2 - COMPRISING:
  - HRA 35/14 F SURFACE COURSE 40/60 DES TO BS EN 13108-4:2016 - 40MM THICK
  - AC 20 DENSE BINDER COURSE 40/60 - 60MM THICK
  - AC 32 DENSE BASE COURSE 40/60 - 100MM THICK
  - TYPE 1 SUB-BASE (SHW CL. 803) - 320MM THICK\*
- NARROW CARRIAGEWAY WIDENING CONSTRUCTION COMPRISING:
  - HRA 35/14 F SURFACE COURSE 40/60 DES TO BS EN 13108-4:2016 - 40MM THICK
  - AC 20 DENSE BINDER COURSE 40/60 - 60MM THICK
  - ST4 WET LEAN MIX CONCRETE (NO LIMESTONE) - DEPTH TO MATCH MINIMUM FOUNDATION THICKNESS.
- BLISTER TACTILE PAVING COMPRISING:
  - BLISTER TACTILE PAVING SLAB (COLOURED BUFF) - 400MM x 400MM x 75MM
  - DRY MIX MORTAR LAYING COURSE - 25MM THICK
  - TYPE 1 SUB-BASE (SHW CL. 803) - 150MM THICK
- BITUMINOUS FOOTWAY CONSTRUCTION COMPRISING:
  - AC 6 CLOSE SURFACE COURSE - 20MM THICK
  - AC 20 CLOSE BINDER COURSE - 60MM THICK
  - TYPE 1 SUB-BASE (SHW CL. 803) - 150MM THICK

\* SEE NOTE 5.



Section B-B  
SCALE 1:200



Section A-A  
SCALE 1:200

|      |                                                                                                  |          |     |       |
|------|--------------------------------------------------------------------------------------------------|----------|-----|-------|
| P03  | TEMPORARY SITE ACCESS CHANGED TO PERMANENT MAINTENANCE ACCESS.                                   | 16/09/22 | TL  | AR    |
| P02  | ROAD WIDENED 1.5M TO ALLOW FOR FOOTWAY. SURFACE COURSE ADDED TO FIRST 10M, CROSS SECTIONS ADDED. | 23/01/20 | MPC | DJ    |
| P01  | FIRST ISSUE                                                                                      | 03/10/19 | MPC | DJ    |
| Rev: | Description:                                                                                     | Date:    | By: | Chkd: |

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Status: **SUITABLE FOR INFORMATION** **S2**

Project: **WHITEHAVEN ACADEMY**

Orig Title: **MAINTENANCE ACCESS**

|                 |                            |           |              |             |
|-----------------|----------------------------|-----------|--------------|-------------|
| Size:           | Date:                      | Drawn By: | Designed By: | Checked By: |
| A1              | 03/10/19                   | MPC       | MPC          | DJ          |
| Scale: AS SHOWN |                            |           |              |             |
| Project No:     | Originator:                | Volume:   | Level:       | Type:       |
| WHA             | - CUR - XX - XX - DR - C - | 04001     | - P03        |             |