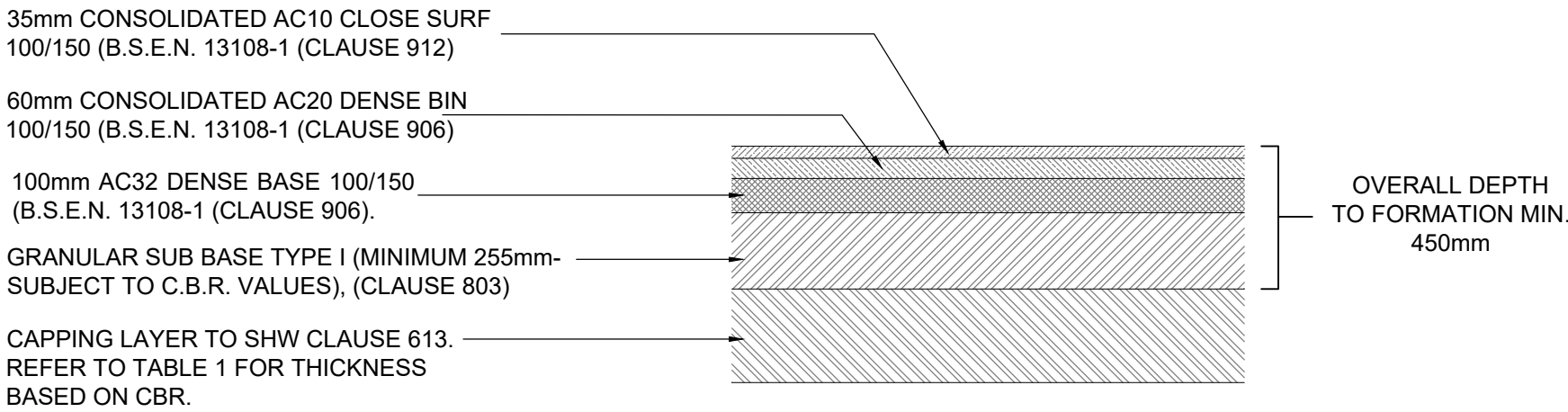
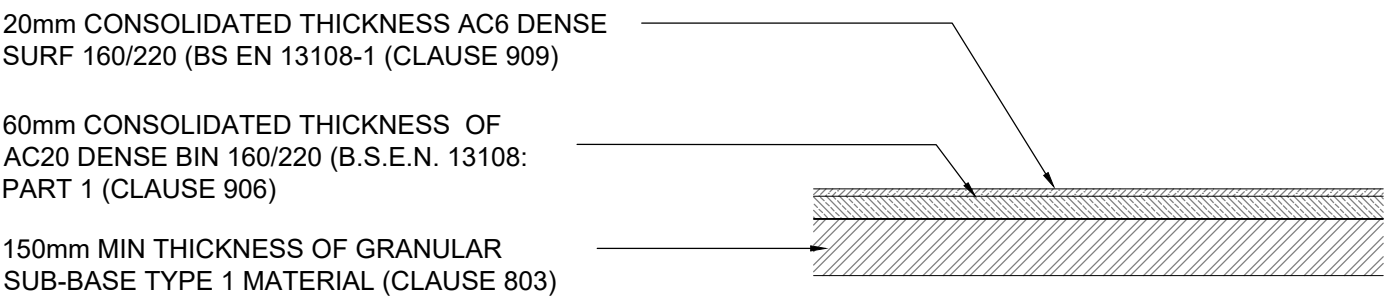
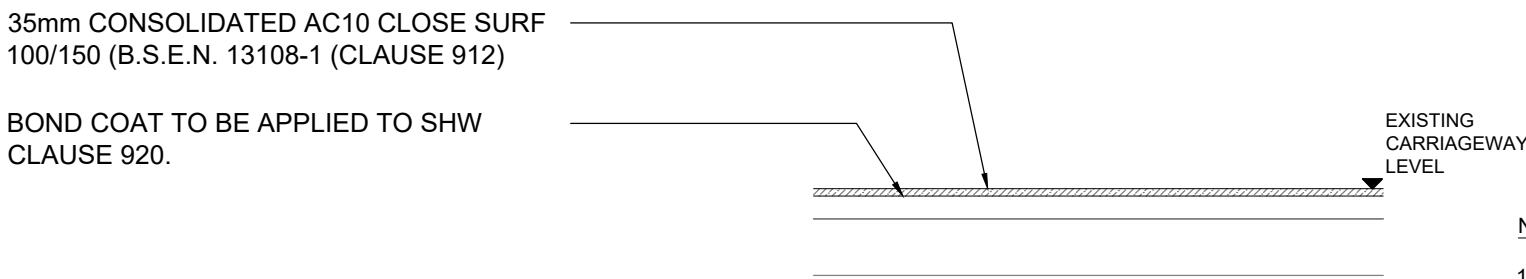




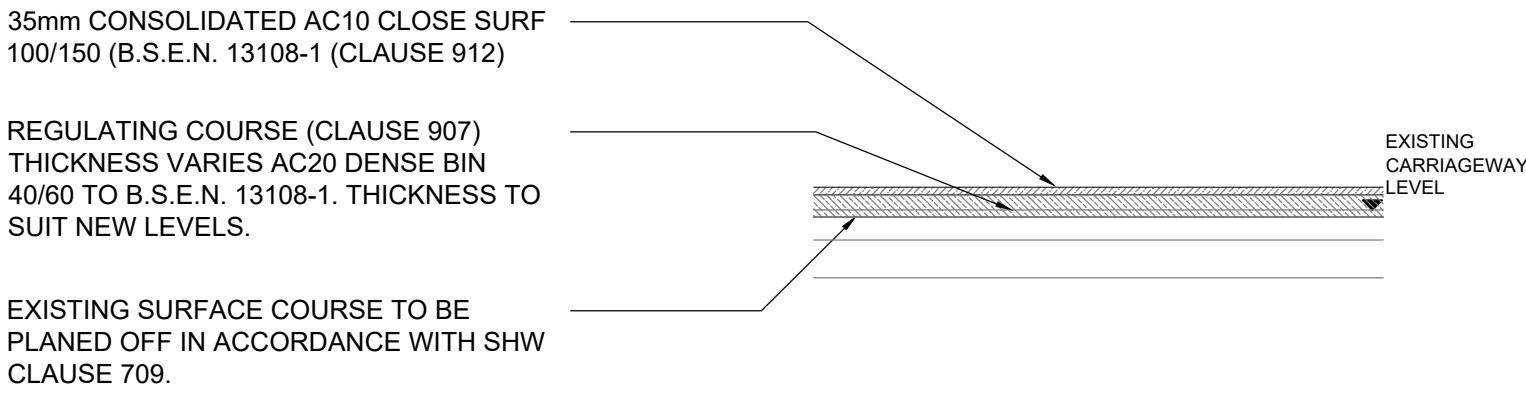
**ACCESS ROAD  
TO MERTHYR CBC ADOPTABLE STANDARD**



**ASPHALT CONCRETE FOOTPATH  
TO MERTHYR CBC ADOPTABLE STANDARD**

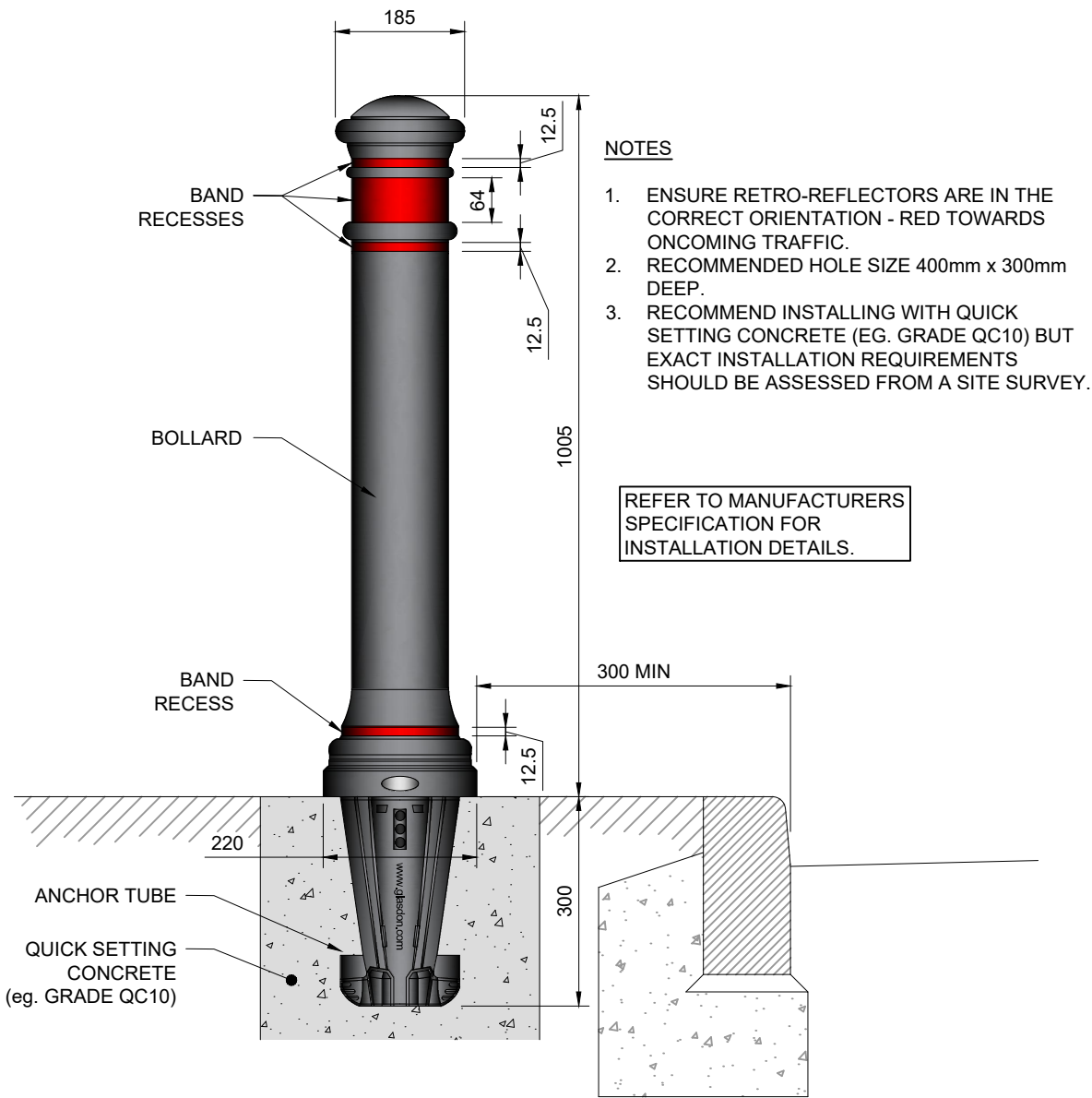


**SURFACE COURSE INLAY  
TO MERTHYR CBC ADOPTABLE STANDARD**



**SURFACE COURSE OVERLAY  
TO MERTHYR CBC ADOPTABLE STANDARD**

- NOTES:
1. IN NO CASES WILL THE OVERALL DEPTH OF CONSTRUCTION BE LESS THAN 450mm.
  2. IN NO CASE WILL THE THICKNESS OF GRANULAR SUB BASE TYPE 1 BE LESS THAN 255mm.
  3. AGGREGATE USED SHALL HAVE A MINIMUM LABORATORY DETERMINED POLISHED STONE VALUE (PSV) OF 60 WHEN TESTED IN ACCORDANCE WITH B.S.E.N. 1097-8. MIXTURES OF AGGREGATE WILL NOT BE PERMITTED.
  4. LIMESTONE AGGREGATE WILL NOT BE PERMITTED IN ANY SURFACE COURSE MATERIAL.



**BOLLARD DETAIL  
GLASDON MANCHESTER - REBOUND  
(1:10)**

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CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS ARE TO BE WORKED FROM. DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO CAMBRIA CONSULTING LIMITED BEFORE PROCEEDING.

THE CONTRACTOR IS TO REFER TO THE SPECIFICATION, FULL SCHEDULE OF RESIDUAL RISKS IN THE CONTRACT DOCUMENTATION AND ALSO TO INFORMATION FROM OTHER DESIGNERS, IN PARTICULAR THE M&E CONSULTANT REGARDING EXISTING LIVE SERVICES.

 THIS SYMBOL IS USED TO HIGHLIGHT INSTANCES OF RISK WITHIN THE CONSTRUCTION PROCESS. ALWAYS CHECK FOR LATER REVISIONS OF THIS DRAWING.

- NOTES:
1. THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT 'DESIGN MANUAL FOR ROADS AND BRIDGES' AND THE 'SPECIFICATION OF HIGHWAY WORKS' AND ANY OTHER CONSTRUCTION PUBLICATION IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.
  2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE LANDSCAPE ARCHITECT DRAWINGS, THE SPECIFICATIONS AND THE EXTERNAL WORKS PLAN.
  3. PAVEMENT FOUNDATION REQUIREMENTS TO BE CONFIRMED BY CBR TESTING.
  4. WHERE BASE COURSE TO BE TRAFFICKED FOR > 1 MONTH GRITSTONE AGGREGATE TO BE USED WITH BINDER CONTENT OF 5.7 ± 0.05% OR SURFACE DRESSED TO LOCAL AUTHORITY SPECIFICATION (d.919 S.H.W.).
  5. LIMESTONE AGGREGATES NOT PERMITTED IN CARRIAGEWAY WEARING COURSE.
  6. IF THE ROAD BASE OR BASE COURSE MATERIAL IS NOT COVERED IMMEDIATELY WITH THE BASE COURSE OR WEARING COURSE RESPECTIVELY THEN THE ROAD BASE AND/OR BASE COURSE SHALL BE SPRAYED WITH A SEALING COAT OF BITUMINOUS SPRAY TO CLAUSE 920.
  7. ALL SUB BASE MATERIALS TO BE COMPACTED IN ACCORDANCE WITH CLAUSE 802 AND TABLE 8/1.
  8. ALL BEDDING MORTAR SHALL BE TO CLAUSE 6.2 OF BS 7263 PART 2:1990

TABLE 1: ASPHALT PAVEMENT FOUNDATION REQUIREMENTS

| CBR VALUE | SUBBASE | CAPPING LAYER |
|-----------|---------|---------------|
| (%)       | (mm)    | (mm)          |
| <5        | 255     | 0             |
| 2>CBR<5   | 255     | 250           |
| >2        | 255     | 500           |

NOTE:

MINIMUM TYPE 1 SUBBASE THICKNESS OF 150mm REQUIRED UNLESS STATED OTHERWISE. THE ROAD PAVEMENT SHOULD CONSIST AT LEAST 450mm OF NON FROST SUSCEPTIBLE MATERIAL. IF CAPPING LAYER IS NOT UTILISED FORMATION DRAINAGE MAY BE REQUIRED.

|      |                          |    |     |          |
|------|--------------------------|----|-----|----------|
| P02  | ISSUED FOR RIBA STAGE 4. | DC | PY  | BW       |
|      |                          |    |     | 18/07/23 |
| P01  | FIRST ISSUE.             | DC | BW  | BW       |
|      |                          |    |     | 16/02/23 |
| Rev. | Description              | By | Chk | App      |



Project:

**BLESSED CARLO ACUTIS  
CATHOLIC SCHOOL**

Drawing Title:

**S278 HIGHWAY WORKS  
DETAILS (Sheet 2 of 2)**

Drawing No:

**BCA CAM VX XX DR C 0761**

Project No. Org. Vol. Level Type Dis. Number

Suitability Status: S4 STAGE APPROVAL Scale @A1: NTS Rev: P02

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