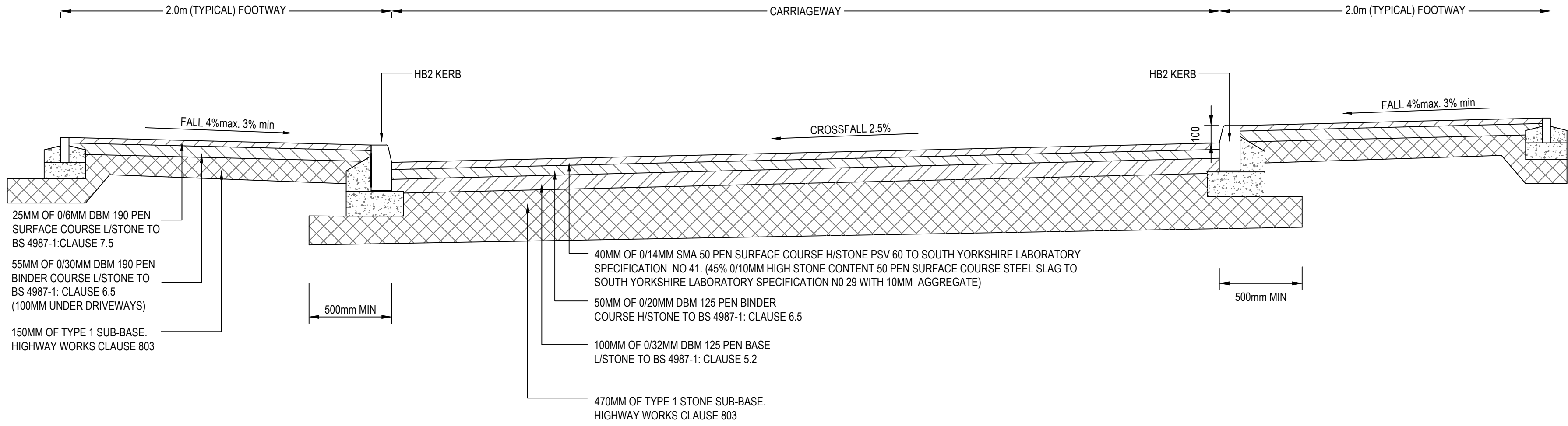
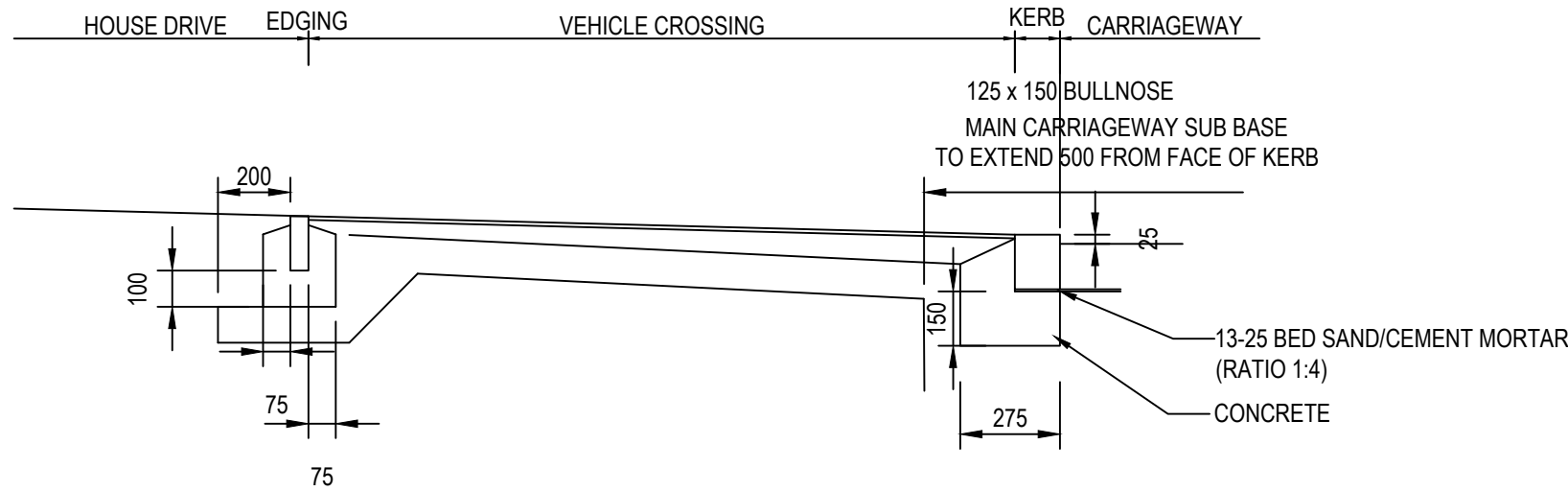




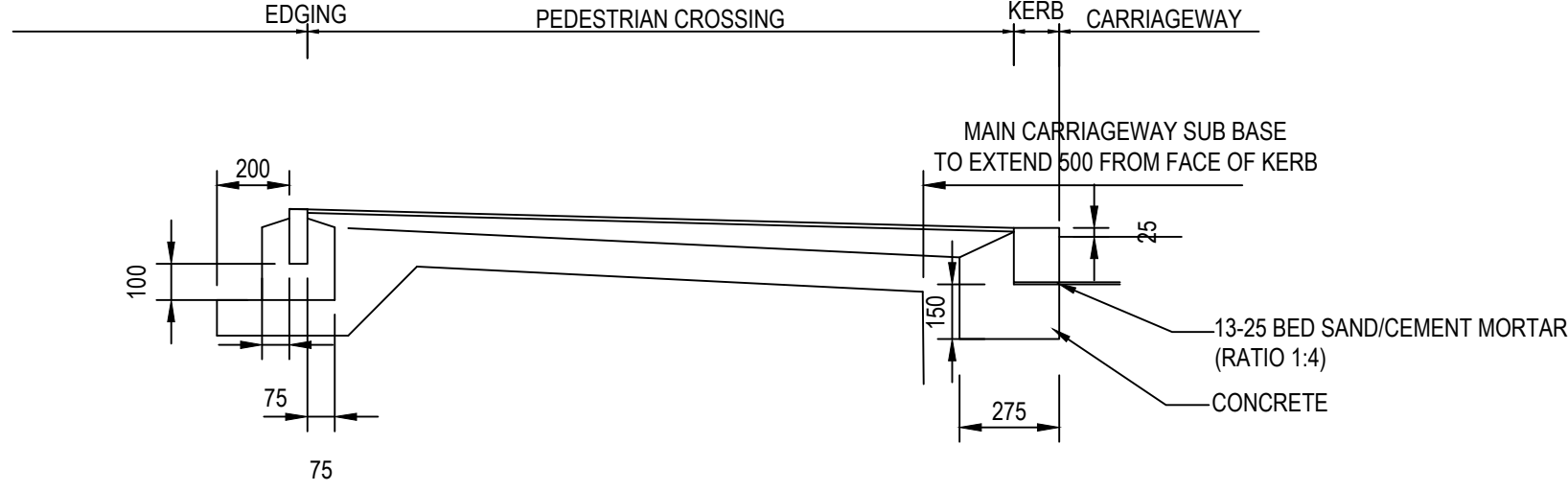
(TYPE 1) BITUMINOUS HIGHWAY CONSTRUCTION DETAIL

(SCALE 1:20)



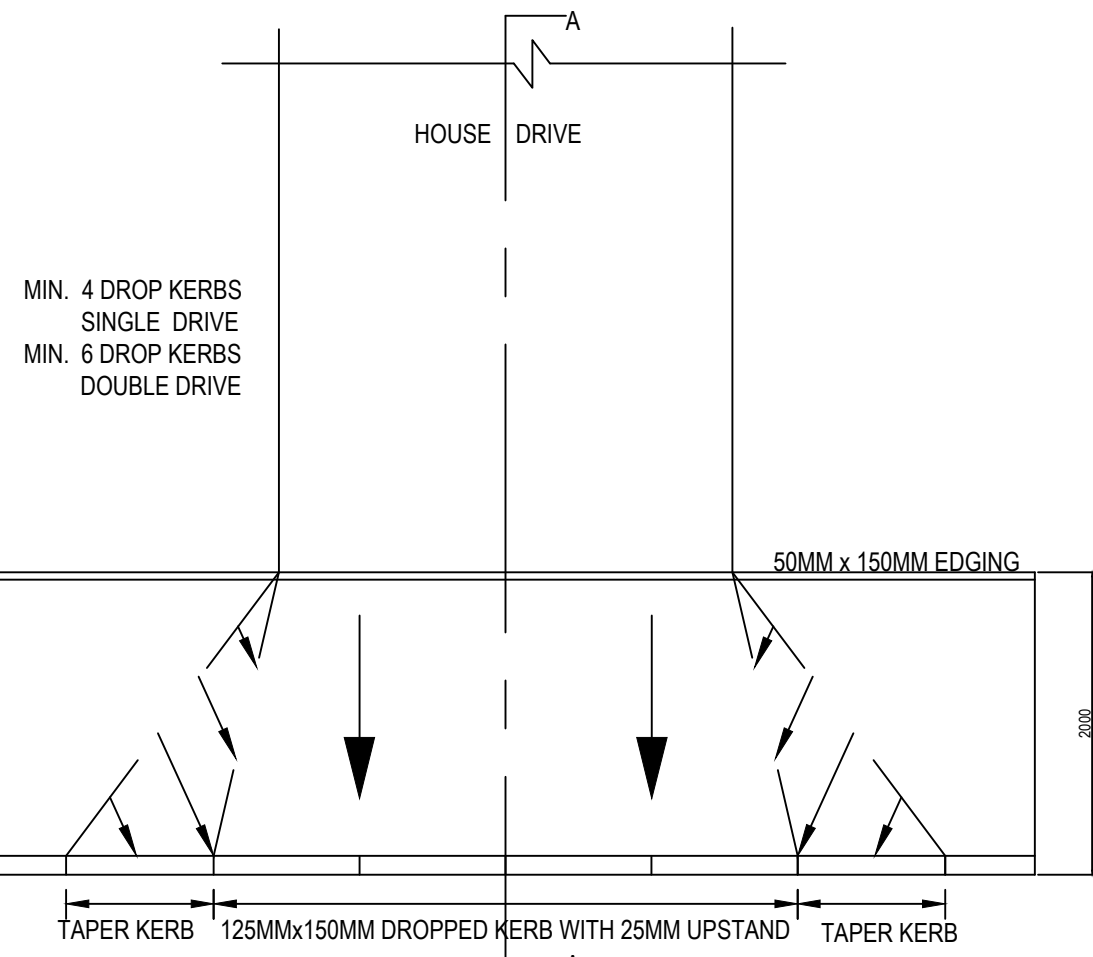
SECTION A - A

(SCALE 1:20)



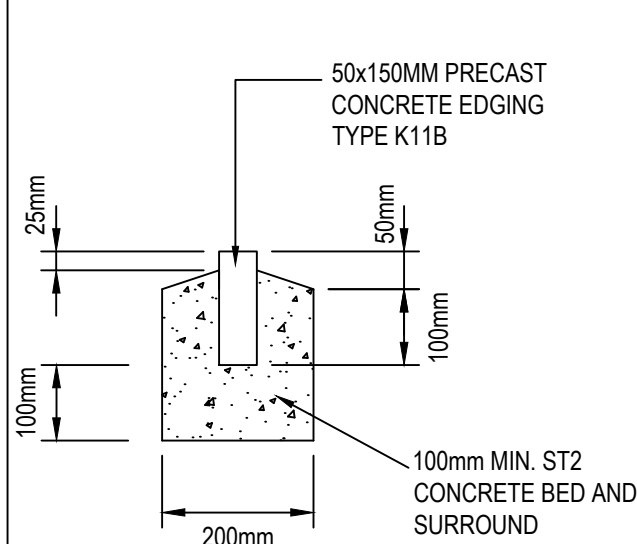
SECTION B - B

(SCALE 1:20)



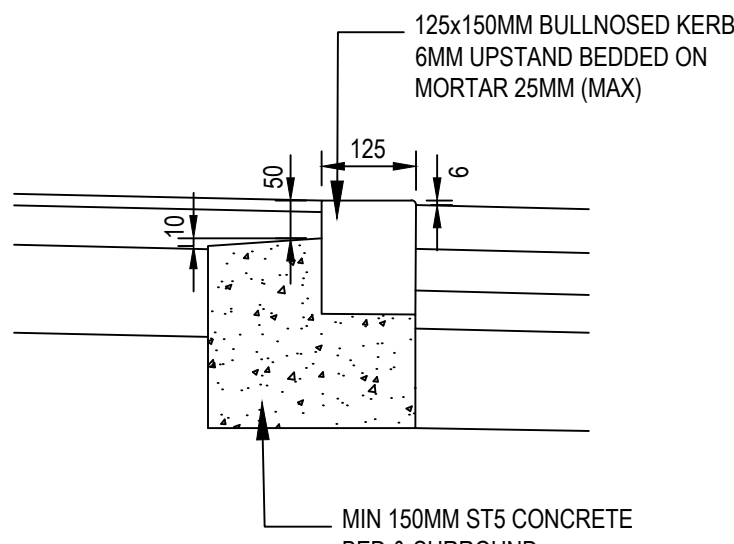
TYPICAL VEHICLE CROSSING TO INDIVIDUAL HOUSE

(SCALE 1:50)



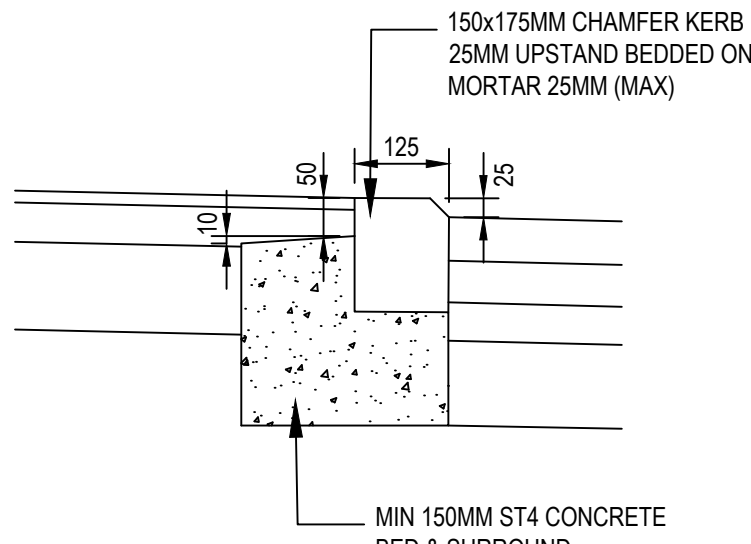
FOOTWAY EDGING DETAIL

(SCALE 1:10)



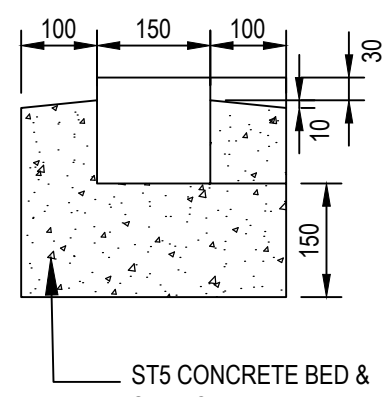
125MMx150MM BULL NOSED KERB (PEDESTRIAN CROSSING)

(SCALE 1:10)



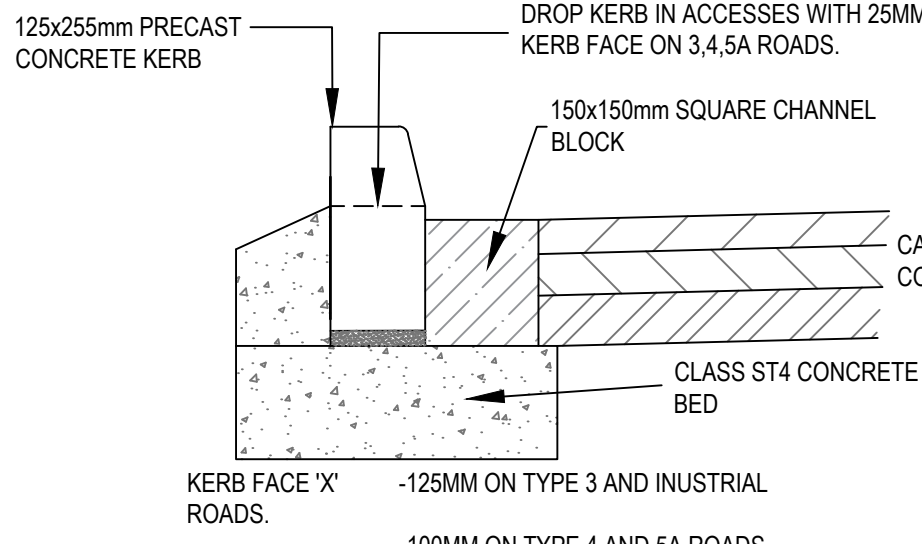
150MMx175MM CHAMFER CENTRE KERB (VEHICLE CROSSING)

(SCALE 1:10)



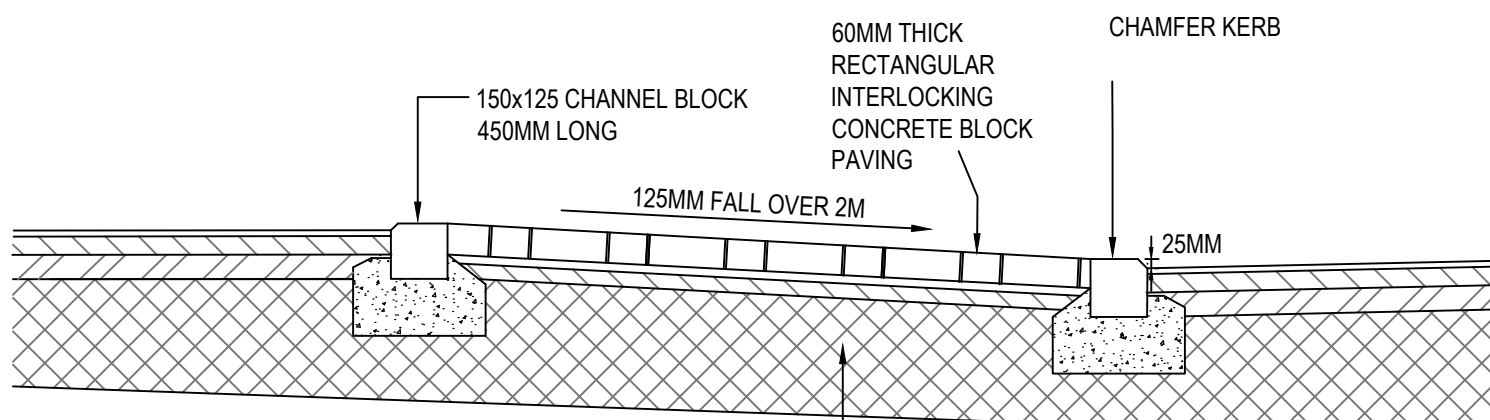
CHANNEL BLOCK DETAIL

(SCALE 1:10)



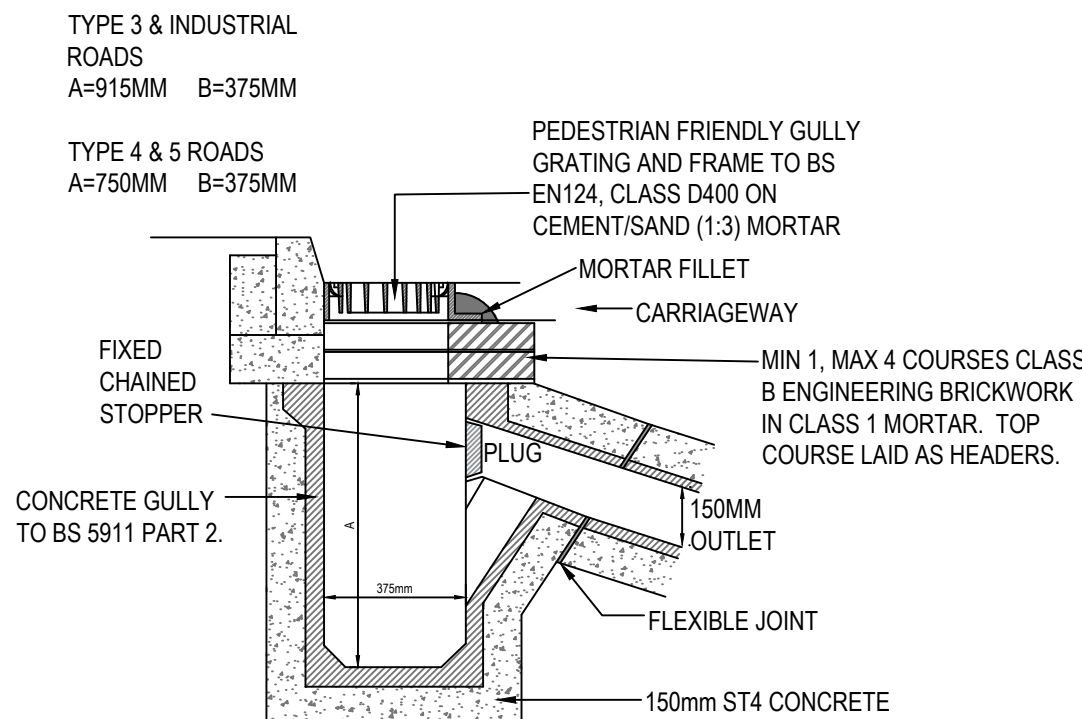
STANDARD KERB DETAIL

(SCALE 1:10)



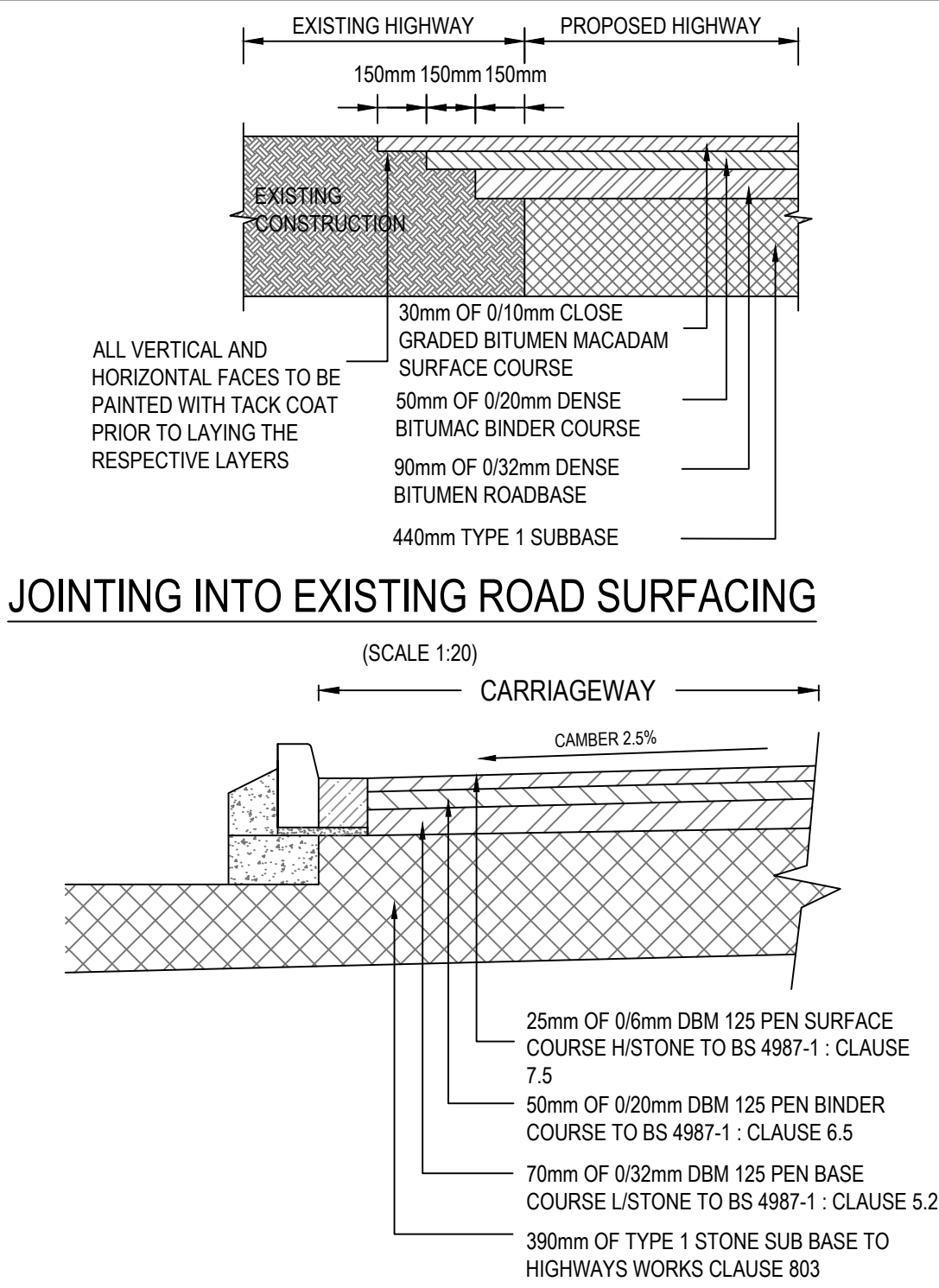
CROSS SECTION THROUGH RAMPED SECTION

(SCALE 1:20)



ROAD GULLY DETAILS

(SCALE 1:20)

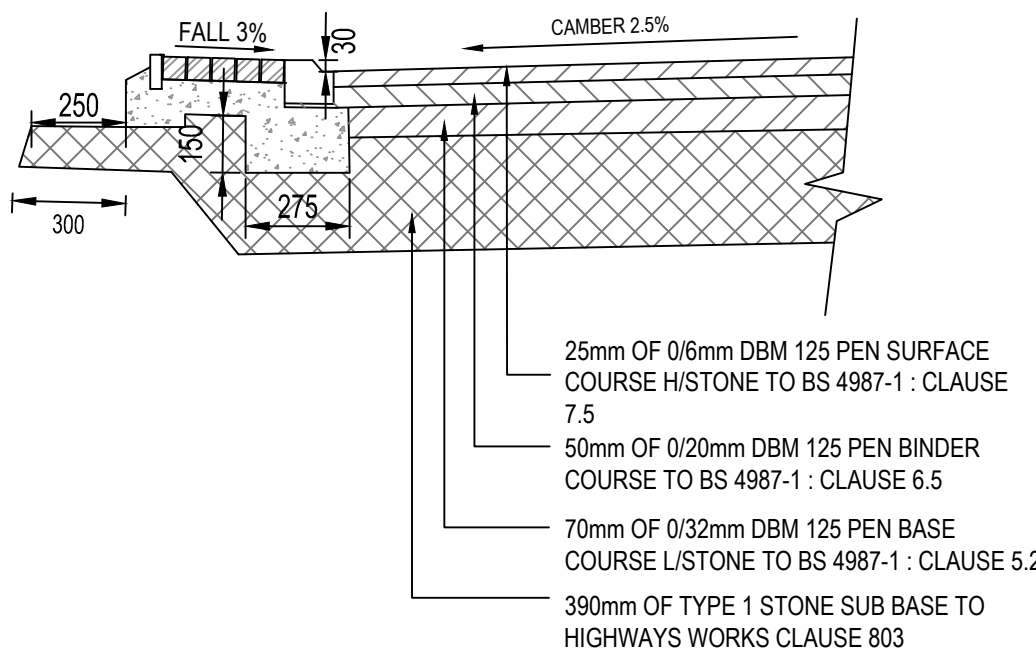


JOINTING INTO EXISTING ROAD SURFACING

(SCALE 1:20)

CARRIAGEWAY CROSS SECTION (TYPE 5A ROAD)

(SCALE 1:20)



STANDARD CARRIAGEWAY CROSS SECTION (TYPE 5B ROAD)

(SCALE 1:20)

NOTES AND ROAD SPECIFICATION

- ALL ADAPTABLE HIGHWAY WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS OF BARNSLEY METROPOLITAN BOROUGH COUNCIL.
- FOR GUIDANCE, ALL CLAUSE NUMBERS BELOW RELATE TO THE DEPT OF TRANSPORT'S SPECIFICATION FOR HIGHWAY WORK 1991.
- PREPARATION AND SURFACE TREATMENT OF FORMATION SHALL BE IN ACCORDANCE WITH CL 616.
- GENERAL REQUIREMENTS FOR ROAD PAVEMENTS SHALL BE IN ACCORDANCE WITH CLAUSES 701 TO 707 INCLUSIVE.
- ALL BITUMEN MACADAM SHALL BE IN ACCORDANCE WITH BS EN 13108.
- ALL BITUMINOUS BOUND MATERIALS SHALL BE TRANSPORTED, LAID AND COMPACTED IN ACCORDANCE WITH CL 903.
- GRANULAR TYPE 1 SUB BASE SHALL BE IN ACCORDANCE WITH CL 802.
- LAYING AND COMPACTION OF SUB BASE SHALL BE IN ACCORDANCE WITH CL 802.
- BASE SHALL BE DENSE MACADAM IN ACCORDANCE WITH CL 903.
- BINDER COURSE SHALL BE DENSE BITUMEN MACADAM IN ACCORDANCE WITH CL 906.
- LIMESTONE AGGREGATE IS NOT PERMITTED.
- NO CUTS PERMITTED (E.G. FOR SERVICES) ONCE BINDER COURSE IS LAID.
- POSITION SIZE AND DEPTH OF ALL EXISTING SEWERS AND SERVICES SHALL BE ESTABLISHED PRIOR TO COMMENCEMENT ON SITE AND ANY DISCREPANCIES REPORTED TO THE ENGINEER.
- THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT, AND TEMPORARY AND PERMANENT DIVISION WORKS, AS NECESSARY TO ALL EXISTING SERVICES.
- THE CONTRACTOR SHALL ALLOW FOR ALL TRAFFIC MANAGEMENT IN CONNECTION WITH ROAD AND SEWER WORKS.
- THE CONTRACTOR SHALL ALLOW FOR KEEPING TRENCHES AND EXCAVATIONS AS DRY AS PRACTICABLE BY PUMPING FROM TEMPORARY SUMPS AND DEWATERING AS APPROPRIATE. THE POINT AND METHOD OF DISCHARGE TO BE AGREED WITH THE DRAINAGE AUTHORITY AND ENVIRONMENT AGENCY.
- INSITU AND PRECAST CONCRETE UNITS SHALL HAVE SULPHATE RESISTING PORTLAND CEMENT TO BS 4027.
- PRECAST CONCRETE PRODUCTS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS 5911:2002, BS EN 1916:2000 AND BS EN 1917:2002 AND BE KITEMARKED. CONCRETE PIPES TO BE CLASS 120 UNLESS NOTED OTHERWISE.
- VITRIFIED CLAY PIPES AND FITTINGS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 295 AND BS 85 RESPECTIVELY AND BE KITEMARKED. ALL PIPES SHALL BE CLASS 120 TO BS EN 295.
- GULLY GRATES AND FRAMES SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 124 AND BE OF NON-ROCKING DESIGN WITH LEFT HANDED CAPTIVE HINGE ACCESS AND BE KITEMARKED. LOAD CLASS D400 FOR ROADS REGULARLY CARRYING FAST MOVING HEAVY VEHICLES. CLASS 250 TO BE USED IN LESSER TRAFFICKED AREAS E.G. CAR PARKING AREAS. TYPE D400/450 GRATE AND FRAME. MINIMUM AREA OF WATERWAY TO BE 1010CM<sup>2</sup>. TYPE C250/450 GRATE AND FRAME. MINIMUM AREA OF WATERWAY TO BE 900CM<sup>2</sup>.
- BACKFILLING AND REINSTATEMENT TO TRENCHES IN PUBLIC HIGHWAYS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE ADOPTING AUTHORITY OR, IN THE ABSENCE OF SUCH, IN ACCORDANCE WITH THE REQUIREMENTS OF THE STREET WORKS REGULATIONS 1992 AND RELEVANT RELEVANT PROVISIONS OF H.A.L.C. SPECIFICATION FOR THE REINSTATEMENT OF OPENINGS IN HIGHWAYS. JUNE 1992, BOTH UNDER SECTION 71 OF THE NEW ROADS AND STREET WORKS ACT 1991.
- UNSEALED AND LOOSE MATERIAL, SUCH AS GRAVEL, IS NOT TO BE USED ADJACENT TO THE ADAPTABLE HIGHWAY.
- SHOULD THERE BE ANY CONFLICT BETWEEN THE INFORMATION ABOVE AND BMBC RECOMMENDATIONS AND SPECIFICATIONS, THE ADOPTING AUTHORITY'S REQUIREMENTS TAKE PRECEDENCE.
- THE CONTRACTOR MUST LIAISE CLOSELY WITH BMBC WITH RESPECT TO ANY TESTING, APPROVALS, INSPECTIONS, PERMISSIONS OR LICENSES REQUIRED AS WORK PROGRESSES.

|     |                               |       |             |                  |          |
|-----|-------------------------------|-------|-------------|------------------|----------|
|     |                               |       |             |                  |          |
|     |                               |       |             |                  |          |
| P03 | UPDATED TO SUIT NEW LAYOUT    | JS    | NT          | VB               | 10.01.20 |
| P02 | UPDATED BLOCK PAVING DETAILS  | JS    | NT          | VB               | 18.02.19 |
| P01 | PRELIMINARY ISSUE FOR COMMENT | DC    | NT          | VB               | 04.04.18 |
| No. | Revision                      | Drawn | Job Manager | Project Director | Date     |

Drawing Revisions

Note: \* indicates signatures on original issue of drawing or last revision of drawing

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Client **KEEPMOAT HOMES**

Project **CARLTON ROAD, BARNSLEY**

Title **HIGHWAY CONSTRUCTION DETAILS**

|                             |          |                     |
|-----------------------------|----------|---------------------|
| Scale                       | AS SHOWN | <b>DO NOT SCALE</b> |
| Drawn                       | DC       | Designer NT         |
| Drafting Check              | NT       | Design Check NT     |
| Approved (Project Director) |          |                     |

Date This Drawing must not be used for Construction unless signed as Approved

|                      |               |
|----------------------|---------------|
| Drawing No.          | Original Size |
| <b>12501429-C500</b> | <b>A1</b>     |
| Rev.                 | <b>P03</b>    |