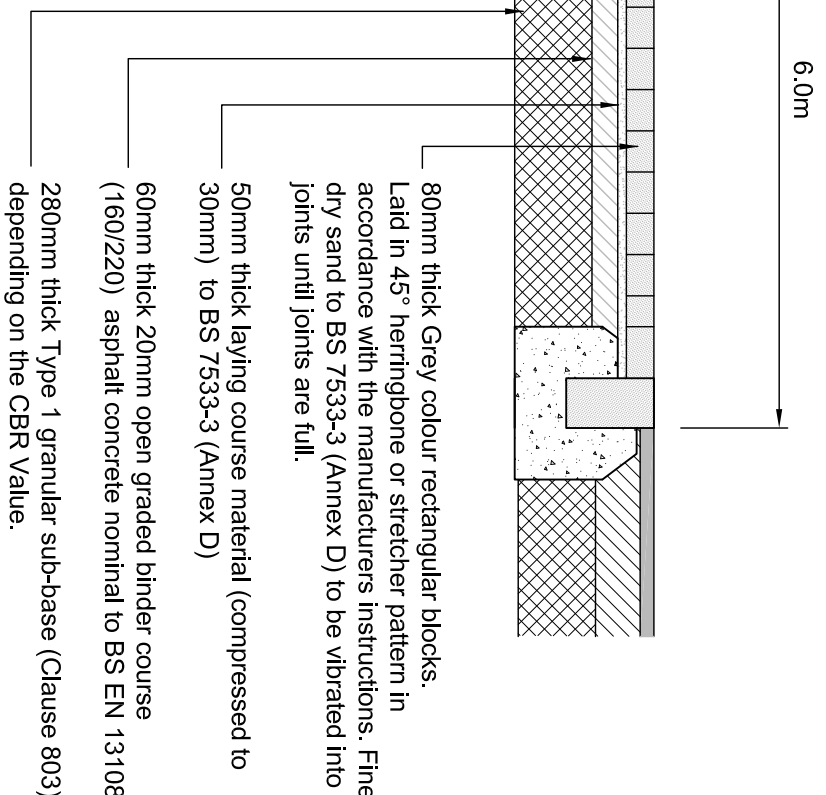


BLOCK PAVING STRIP CONSTRUCTION AT NARROWING

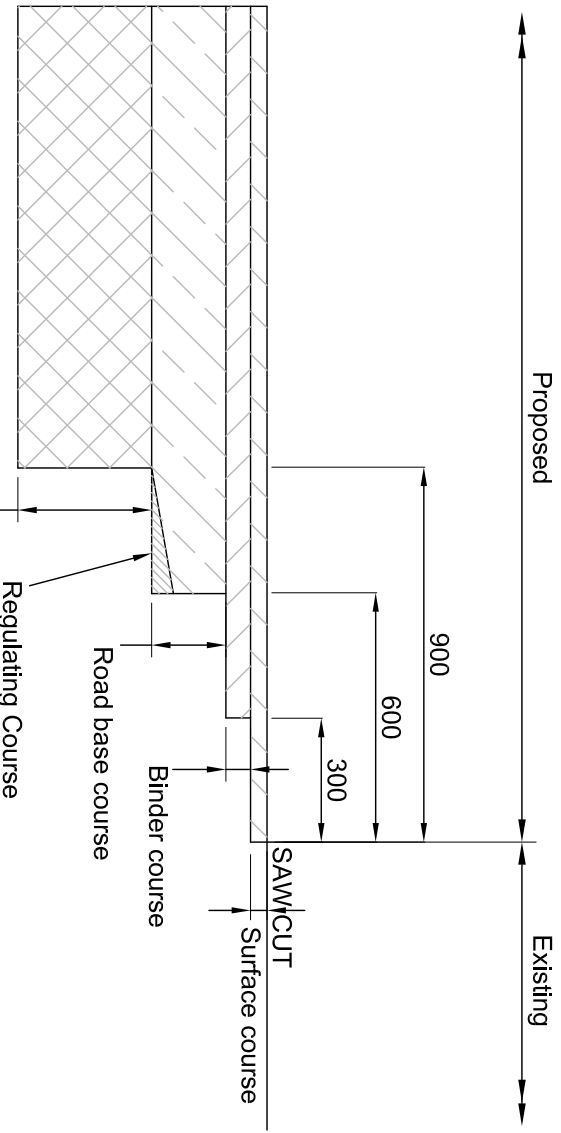


ROAD & FOOTWAY CONSTRUCTION DETAIL

(Refer to Merthyr Tydfil County Borough Council - Highway Standard Detail - Footway and Carriageway Construction (Drg No. 6) and Vehicular Crossover (Drg No. 7) - Residential Streets)

CBR VALUE (%)	Below 2%	2% - 5%	Above 5%
Sub-base	255mm	255mm	255mm
Capping Layer	500mm	250mm	0mm

- NOTE:
- If the asphalt base or binder course is to be used as a temporary running surface for a period exceeding 3 months from first laying, then the skidding resistance shall be maintained either by using gritstone aggregate or slag aggregate mixture, or by surface dressing.
 - Tack coat shall be Class CA042 cationic emulsion (BS EN 13809) sprayed at a rate of spread of 0.5 litres/m² (Clause 920).
 - All vertical faces of access chamber covers, gully tops, kerbs, channels and similar projections against which the asphalt is to abut shall be cleaned and painted with a thin uniform coating of hot applied 70/100 paving grade bitumen, or an approved cold applied thixotropic bitumen emulsion, before the asphalt is laid.
 - Production/laying/compaction requirements, sub-base - Clause 802, Capping layer - Clause 812, Asphalt concrete base course/binder course/surface course - Clause 901 and 903.
 - CBR Table is given for guidance only. Specific geotechnical data should be taken from the CBR test results and used to determine the CBR value for the sub-base and binder course. The minimum overall construction thickness of carriageway shall be 450mm.
 - Apart for those lengths requiring super-elevation by design need, the cross section of the new carriageway should be crowned to provide a balance camber. This will ensure that surface water from higher ground will not drain across the carriageway to the lower side.
 - Weed killer to be applied at formation level or top of the sub-base to the approval of the Highway Engineer.
 - Where hot rolled asphalt surface course is required please refer to MTCBC - Footway and Carriageway Construction for Residential Street Drawing.
 - All dimensions are in millimetres unless otherwise stated.
 - Kerbs as shown on MTCBC - Kerbing standard detail.

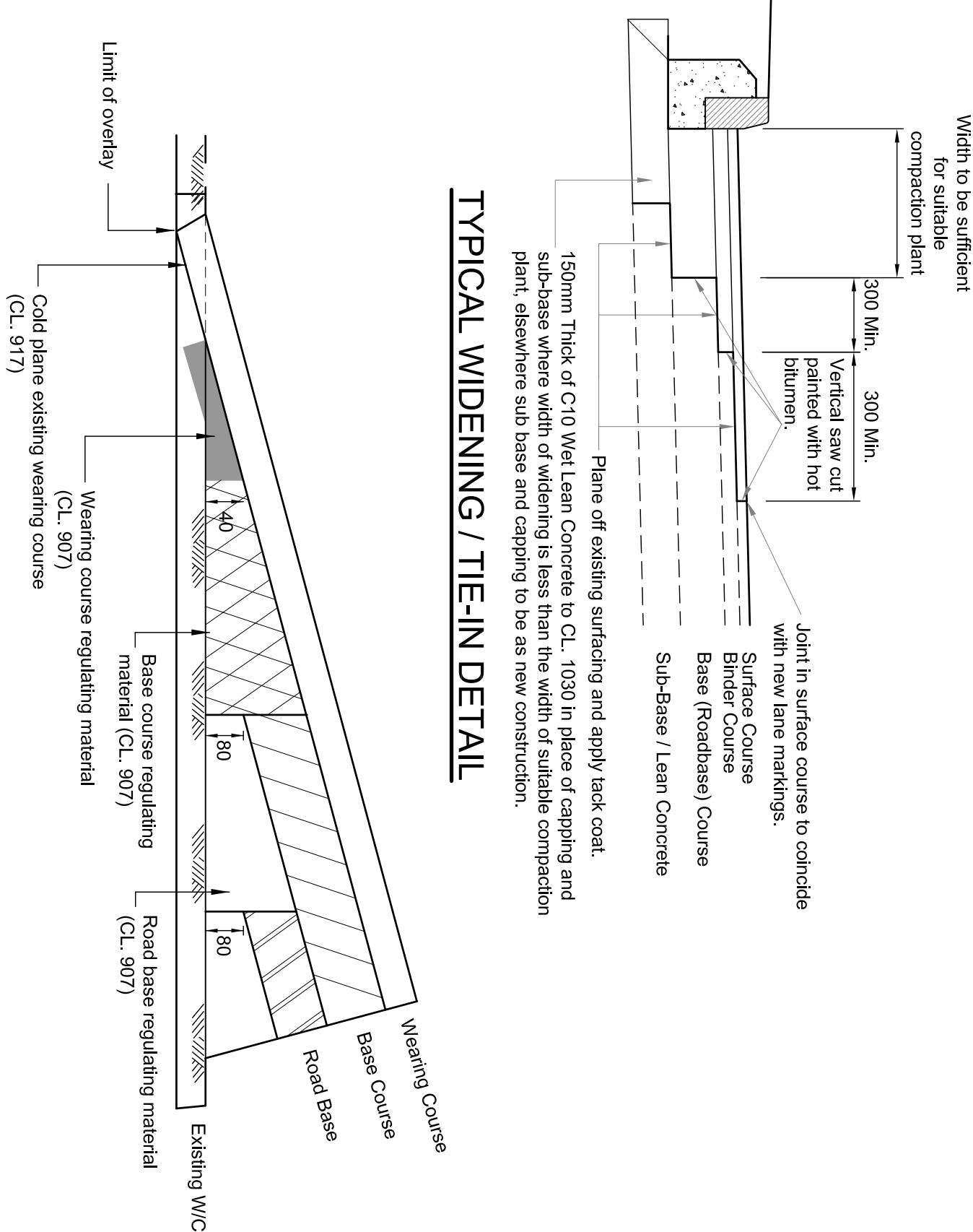


* Planned depth will vary depending on thickness of existing road construction. All surfaces to be tack coated and all joints sealed

LONGITUDINAL CARRIAGEWAY TIE-IN DETAIL



TYPICAL WIDENING / TIE-IN DETAIL

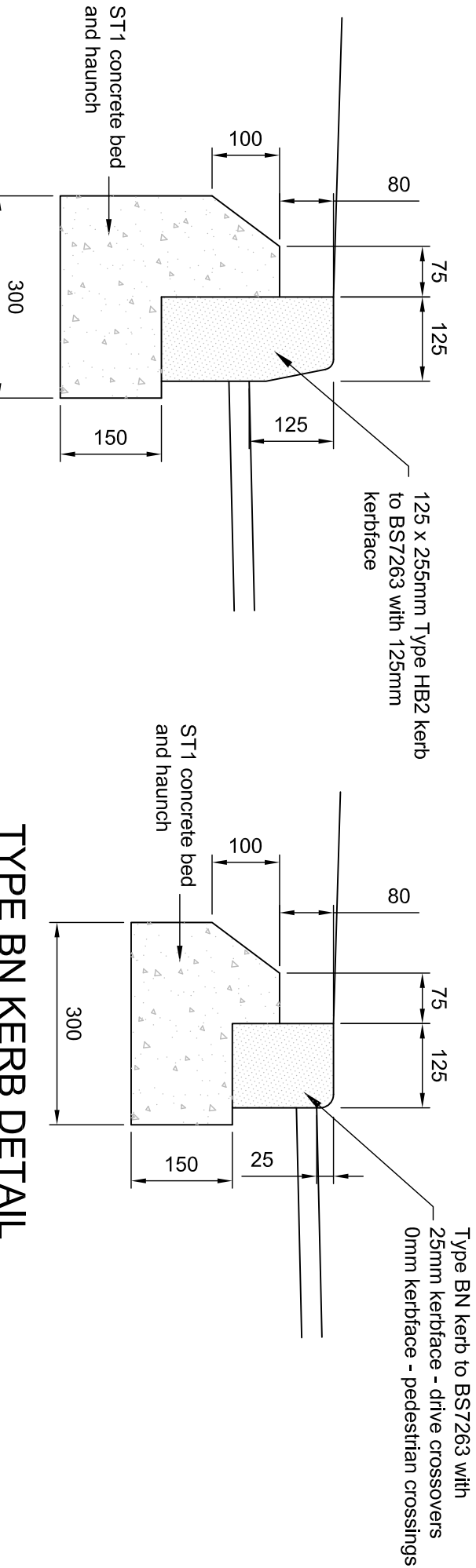


FOOTPATH TIE-IN DETAIL

- a) Existing footpath to be cut back to give clean edges
b) All vertical faces between existing/proposed construction shall be vertical and formed by saw cutting to faces and all exposed faces coated with bituminous spray.

PAVEMENT OVERLAY TIE-IN DETAIL

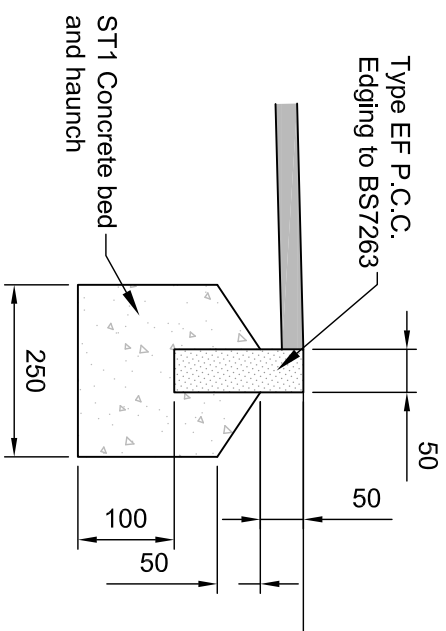
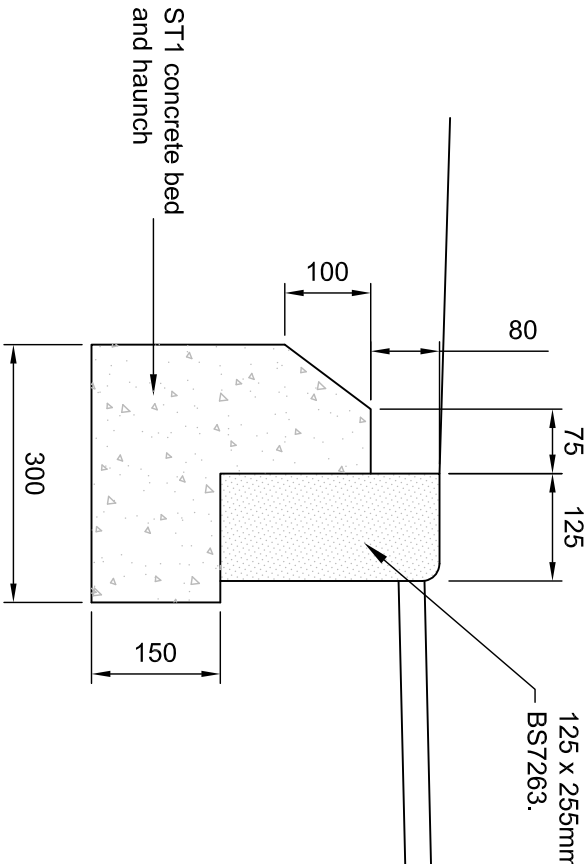
NOTE
Prior to overlaying the existing pavement shall be cleaned and have a tack coat applied. The tack coat shall be cationic bitumen emulsion complying with BS434 : Part 1.



TYPE BN KERB DETAIL

125 x 255mm Type BN kerb to BS7263.

TYPE HB2 KERB DETAIL

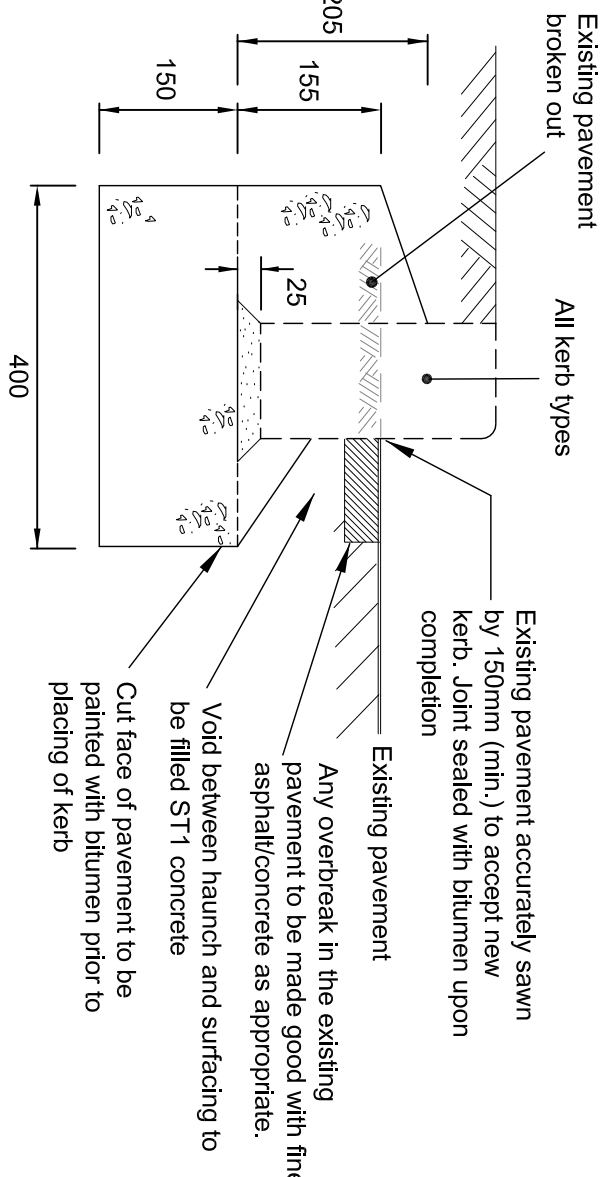


TYPE BN KERB DETAIL

TYPE EF EDGING DETAIL

TYPE EBN EDGING DETAIL

DETAIL OF KERB TO BE CUT INTO EXISTING CARRIAGEWAY



NOTES

- All highway works are to be carried out in accordance with Merthyr Tydfil County Borough Council specification for Highway Works.
- Refer to the Engineering Drawings for road types, and carriageway, footway and service margin widths.
- All kerbs shall be laid upright on Grade ST1 concrete as dimensioned. Immediately after laying, kerbs and edgings shall be backed and haunched with ST1 concrete in accordance with the detail.
- All precast concrete kerbs etc. shall comply with BS 7263 : Part 1 : 1994.
- All precast concrete block paving shall comply with BS 6717.
- Proprietary dropper kerbs, radius kerbs, transition kerbs, angle kerbs, quadrant kerbs, etc. are to be used as appropriate.
- All ironware in the carriageway is to comply with BS EN 124. Certification mark of BS LRQA or SGS only are acceptable.
- The sub base and capping layer thickness is dependent on subgrade Equilibrium CBR values. CBR tests to be carried out by a PCQ approved laboratory and the specification then agreed by PCQ and the Developer.
- Footway/path surfacing to be laid 50mm higher than adjacent kerb.
- Gully gratings to be laid 50mm below adjacent road surface

SUBJECT TO S278 AGREEMENT

WDL Homes
Making a house into your new home



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S278 - Typical Highway
Details
Sheet 1 of 2

Drawn By	Check	Scale	Date
TL	SD	For Approval	Jan 20
Job No.	Scale	Rev.	
1914	N.T.S. @ A1	104	