

(NOTE: THE ABOVE DETAIL SHOULD BE USED AS A GUIDE FOR GENERAL LAYOUT PURPOSES)

CONTRACTOR TO REFER RESULTS TO A REPRESENTATIVE OF THE LOCAL AUTHORITY AND THE DESIGN MANUAL FOR ROADS AND BRIDGES VOLUME 7, SECTION 2, PART 3 CHAPTER 3 FOR FURTHER GUIDANCE ON SUB-BASE CAPPING RELATIONSHIP. APPROPRIATE TERRAM GEOTEXTILE MEMBRANE TO BE LAID BENEATH CAPPING LAYER TO MANUFACTURER'S PROPRIETARY REQUIREMENTS.

SUB BASE:- 160MM THICK TYPE 1 GRANULAR SUB
BASE 225MM AT VEHICLE CROSSINGS. SUPPLIED
AND LAID IN ACCORDANCE WITH THE SHW.

CBR TESTS SHALL BE UNDERTAKEN ON SITE BY THE CONTRACTOR TO DETERMINE THE CBR VALUE AT FORMATION LEVEL AND SUB BASE CAPPING DEPTHS CONFIRMED WITH LA ENGINEER AND FIG. 3.1 OF THE DEPARTMENT OF TRANSPORT DESIGN CAPPING DEPTHS SHALL BE LAID IN ACCORDANCE WITH MANUAL HD 26/06.

Reinstatement of
_ carriageway surface
course layer, depth to
be as shown on D002.

Diagram illustrating the extent of full depth carriageway construction and proposed widening.

The diagram shows a cross-section of a road with an existing surface layer, binder layer, base layer, and sub-base. The existing surface layer is planned out to a depth of 40mm and width of 500mm to allow tie in of proposed surface layer. The binder layer is planned out to a depth of 100mm and width of 500mm to allow tie in of proposed binder layer. The base layer and sub-base are also shown. The diagram includes labels for 'Existing Surface', 'Extent of full depth carriageway construction', 'Proposed widening', 'Surface layer', 'Binder layer', 'Base layer', and 'Sub-base'. It also indicates 'Min 1m steps where tie-ins are transverse' and 'Existing surface planned out'.

The diagram illustrates a gully pot and frame assembly. Key components and dimensions include:

- Top Surface:** 20mm DDM Weaving Course and 60mm c30/37 Base Course.
- Header Course:** TO ASSIST GULLY FRAME SEATING ARRANGEMENT, CLASS B SOLID ENGINEERING BRICKWORK, 225mm THICK WITH CLASS (1) MORTAR TO CLAUSE 2404. MAXIMUM 4 COURSES MINIMUM 2 COURSES.
- Joint:** JOINT BETWEEN KERB AND FRAME FILLED AND POINTED WITH CLASS (1) MORTAR TO CLAUSE 2404.
- Kerb:** 125 x 255 H82 KERB 125mm UPSTAND.
- Frame:** 150mm FRAME BEDDING AND SURROUND WITH EXPANSULATING GRIT IN CLASS 5/4 CONCRETE.
- Reinforcement:** REINFORCEMENT TYPE 4 TRENCH IN EXISTING FOOTWAY CONCRETE.
- Dimensions:** 900mm (height), 450mm (width), 150mm (outfall pipe bend radius).
- Other Labels:** HINGED DUCTILE IRON GULLY GOING INTO FRAME TO EN 124, CLASS D 400 IN DIRECTION OF TRAFFIC, 10-20mm THICK CLASS (1) MORTAR BEDDING TO CLAUSE 2404, REMOVABLE STOPPER, PRECAST CONCRETE TO BS 5911 PART 2, 400mm (DA x 900mm) GULLY POTS.

The diagram illustrates a standard road cross-section with the following dimensions and features:

- Dimensions:** 6.0M (Footway), 1.5M (Verge), 8.0M (Carriageway), 1.5M (Verge), 6.0M (Footway).
- Labels and Details:**
 - "Edge of C'way" (Curb edge)
 - "White line to diag. 1012.1 (100mm)"
 - "Arrow marking to diag. 1062"
 - "A" (Section line marker)
 - "B" (Section line marker)
 - "150" (Kerb height dimension)
 - "100" (Tactile paving width dimension)
 - "Bluff buffer type tactile paving"
 - "6% kerb 6mm max upstand adjacent to tactile only"
- NOTES:**
 - Total height of table to be 75mm (+5/-1mm) above existing road surface.
 - Variation in thickness of table to be accommodated in regulating layer, surface course layer to remain at 40mm constant thickness.
 - Cross section (B-B) of table to be same as existing profile of road.
 - All markings to The Traffic Signs Regulations and General Directions 2002.
 - Drainage to be provided where required to prevent ponding.

SEE KERBING STANDARD
(DETAILS FOR BACKING)

ACCEPTABLE BASE/FILL
MATERIAL ABOVE
FOR BASE

POUR 1 - GRADE STC
CONCRETE BASE
RESISTING MINOR
WEARING

POUR 2 - GRADE STC
CONCRETE BASE
RESISTING MINOR WEARING

JOINT WITH EXISTING CARRIAGEWAY
TO BE FULLY GRADED WITH HOT
POURED BITUMEN

CONSTRUCTION IN AREAS OF NARROW
WIDENING UP TO 1.2m WIDTH

PROPOSED EDGE OF
CARRIAGEWAY

EXISTING FOOTWAY CONSTRUCTION
TO BE EXCAVATED OR TAKEN UP
TO TIP

EXCAVATE UNSUITABLE CLASS (S)
OR ACCEPTABLE MATERIAL

AREAS OF PLANTING IN EXISTING
CARRIAGEWAY REQUIRED TO BE
TAKEN INTO EXISTING CONSTRUCTION

EXISTING KERBS & CONCRETE
BED AND BINDING TO BE
BROKEN OUT

PREPARATORY WORKS

 Wrentham County Incorporated 1840	WREXHAM COUNTY BOROUGH COUNCIL		JOB NUMBER: _____ DATES: _____ PROJECT: _____ DRAWN BY: _____ CHECKED BY: _____ DESIGNED BY: _____		SHEET NO. _____ TOTAL SHEETS _____ DATE: _____	Non-standard detail 1.7m Wide speed cushion
	CROWN BUILDINGS, CHESTER STREET, WREXHAM, LI15 8BG.		Traffic		DRAWN DATE: _____ DRAWN BY: _____	TH/DRU
	MARTIN WRIGHT AND SONS WRIGHT TRANSPORT AND ASSET MANAGEMENT OFFICE Tel: (01793) 297452 Fax: (01793) 297305		INTERNAL OR EXT? _____ CRU _____		DETAIL DRAWN NUMBER: _____	

C.D.M. REGULATIONS 2015

THE ABOVE LIST IS BY NO MEANS EXHAUSTIVE BUT IT DOES HIGHLIGHT OPERATIONS THAT PRESENT A RISK TO CONTRACTORS AND THE GENERAL PUBLIC.

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