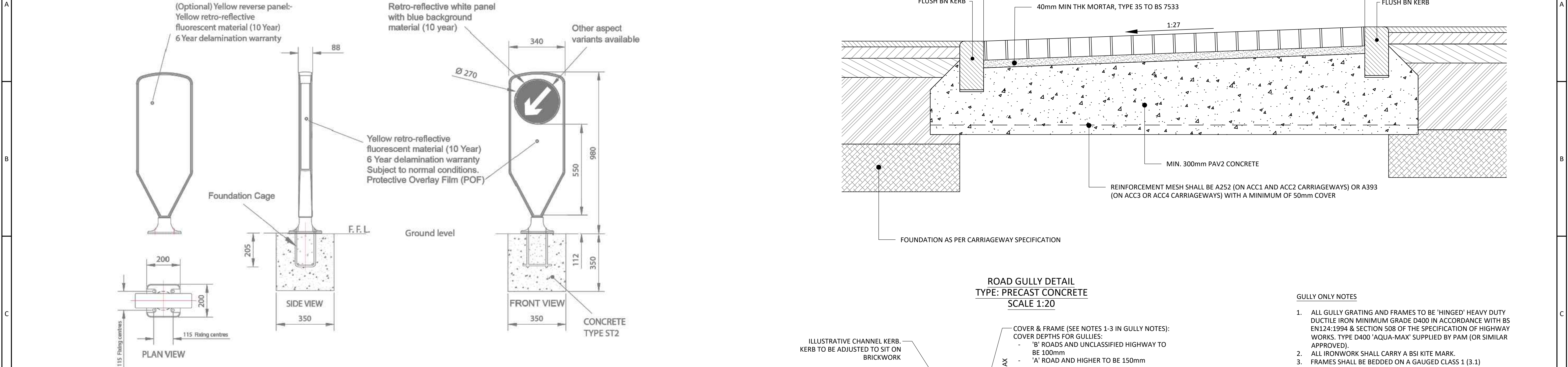


1	2	3	4	5	6	7	8	9	10
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STREETLIGHTING PLINTH
FOR DETAILS OF STREETLIGHTING COLUMN PLINTHS
SEE WILTHSIRE STANDARD DETAIL SD/1300/02

The diagram illustrates the cross-section of a streetlighting plinth. It shows a central column (not fully shown) passing through a series of layers. From top to bottom, the layers are: a top layer, a layer labeled 'MORTAR BED (SEE NOTE 3 IN GULLY NOTES)', a layer labeled 'MORTAR BED', and a bottom layer labeled 'CONCRETE USING SULPHATE RESISTING CEMENT (SRC) IN ACCORDANCE WITH BS 5911, PART 230, 2004'. The plinth is situated on a 'CARRIAGEWAY' surface. To the left of the plinth is a 'FOOTWAY/VERGE' area. A 'GULLY' is shown to the right of the plinth, with a 'GULLY POT' used for drainage. A dimension line indicates a height of '50' from the top of the plinth to the top of the gully pot. A note at the bottom right states: 'ALL GULLIES TO BE TRAPPED, ANY VARIATIONS TO THIS I.E. CONCRETE USING SULPHATE RESISTING CEMENT (SRC) IN ACCORDANCE WITH BS 5911, PART 230, 2004.' A note at the bottom left states: 'GULLY POTS USED FOR CARRIAGEWAY GULLIES SHALL BE OF PRECAST CONCRETE USING SULPHATE RESISTING CEMENT (SRC) IN ACCORDANCE WITH BS 5911, PART 230, 2004.'

4. MAXIMUM AREA TO BE DRAINED BY ONE GULLY: 180m².
5. GULLY POTS USED FOR CARRIAGEWAY GULLIES SHALL BE OF PRECAST CONCRETE USING SULPHATE RESISTING CEMENT (SRC) IN ACCORDANCE WITH BS 5911, PART 230, 2004.
6. ALL GULLIES TO BE TRAPPED, ANY VARIATIONS TO THIS I.E. CONCRETE USING SULPHATE RESISTING CEMENT (SRC) IN ACCORDANCE WITH BS 5911, PART 230, 2004.

FLUSH BN KERB

2000

40mm MIN THK MORTAR, TYPE 35 TO BS 7533

1:27

FLUSH BN KERB

MIN. 300mm PAV2 CONCRETE

REINFORCEMENT MESH SHALL BE A252 (ON ACC1 AND ACC2 CARRIAGEWAYS) OR A393 (ON ACC3 OR ACC4 CARRIAGEWAYS) WITH A MINIMUM OF 50mm COVER

FOUNDATION AS PER CARRIAGEWAY SPECIFICATION

ILLUSTRATIVE CHANNEL KERB. KERB TO BE ADJUSTED TO SIT ON BRICKWORK

FOOTWAY/VERGE

MORTAR BED (SEE NOTE 3 IN GULLY NOTES)

GALVANISED METAL CHAIN AND CONCRETE STOPPER

MINIMUM POT SIZE TO BE 900X450. ALTERNATIVE SIZE MUST BE AGREED BY WC

COVER & FRAME (SEE NOTES 1-3 IN GULLY NOTES):
COVER DEPTHS FOR GULLIES:
- 'B' ROADS AND UNCLASSIFIED HIGHWAY TO BE 100mm
- 'A' ROAD AND HIGHER TO BE 150mm

5-10mm MAX

CARRIAGEWAY

MORTAR BED (SEE NOTE 3 IN GULLY NOTES)

150mmØ OUTLET PIPE SURROUNDED WITH 150mm ST4 (C16/20) CONCRETE DOWN TO A DEPTH OF COVER OF:
1. 1200mm (CARRIAGEWAY)
2. 900mm (FOOTWAY/VERGE)

12mm THK. COMPRESSIBLE FILLER BOARD, OR PRE-FORMED JOINT FILLER FOR FULL THICKNESS OF CONCRETE BED AND SURROUND

150mm INSITU CONCRETE BED & SURROUND MIN GRDE ST4 (C16/20) TO GULLY POT

1.	ALL GULLY GRATING AND FRAMES TO BE 'HINGED' HEAVY DUTY DUCTILE IRON MINIMUM GRADE D400 IN ACCORDANCE WITH BS EN124:1994 & SECTION 508 OF THE SPECIFICATION OF HIGHWAY WORKS. TYPE D400 'AQUA-MAX' SUPPLIED BY PAM (OR SIMILAR APPROVED).	C
2.	ALL IRONWORK SHALL CARRY A BSI KITE MARK.	
3.	FRAMES SHALL BE BEDDED ON A GAUGED CLASS 1 (3.1) SAND/CEMENT MORTAR TO C1.2402 OF SHW MOTORWAY DESIGNATION (I), AND EITHER 2 OR 3 COURSES OF ENGINEERING BRICKWORK TO BS EN 771-1:2011.	
4.	MAXIMUM AREA TO BE DRAINED BY ONE GULLY: 180m ² .	
5.	GULLY POTS USED FOR CARRIAGEWAY GULLIES SHALL BE OF PRECAST CONCRETE USING SULPHATE RESISTING CEMENT (SRC) IN ACCORDANCE WITH BS 5911, PART 230, 2004.	
6.	ALL GULLIES TO BE TRAPPED. ANY VARIATIONS TO THIS I.E. 'NON-TRAPPED', 'GULLY CHUTE' OR 'GRIP' MUST BE QUALIFIED AND WC SHALL REVIEW EACH LOCATION ON AN INDIVIDUAL BASIS.	
7.	SELECTION OF GULLY GRATING TYPE SHALL BE TO SUIT THE APPLICATION AREA I.E CARRIAGEWAY, FOOTWAY/CYCLEWAY AND TO THE SATISFACTION OF THE ENGINEER.	
8.	PIPE BEDDING TO GULLY CONNECTIONS TO BE TYPE Z AS DETAILED ON SPECIFICATION OF HIGHWAY WORKS HCD NO. F1.	
9.	100mm THICK 'U' SHAPED PRECAST CONCRETE RISER SLAB TO BS 5911 IS AN ALLOWABLE ALTERNATIVE TO BRICKWORK.	D

KEY:

	GRANULAR MATERIAL TO S.H.W. CLAUSE 503.3(I)
	CONCRETE TO S.H.W. CLAUSE 503.3(III)
	GRANULAR MATERIAL TYPE 1 SUB-BASE TO S.H.W. CLAUSE 803 COMPACTED IN ACCORDANCE WITH CLAUSE 612, TABLE 6/4 METHOD 6

1. REFER TO WILTSHIRE COUNCIL DRAWING, 'WC-HCD-500-D014' FOR FURTHER INFORMATION.

B	BEDDING DETAILS AMENDED	09/04/25	SMR	BJS
A	FIRST ISSUE	03/03/25	AW	SMR
REV.	DESCRIPTION	Date	BY	CHK

DESIGN BY:




CLIENT:



ARCHITECT:






DRAWING STATUS:

FOR TECHNICAL APPROVAL

SCALE @ A1:

NOT TO SCALE

PROJECT:

LAND AT THE STREET, HULLAVINGTON

TITLE:

ADOPTABLE HIGHWAY DETAILS
SHEET 2 OF 2

PROJECT No:	DRAWING No:	REV:
19700	H13	B