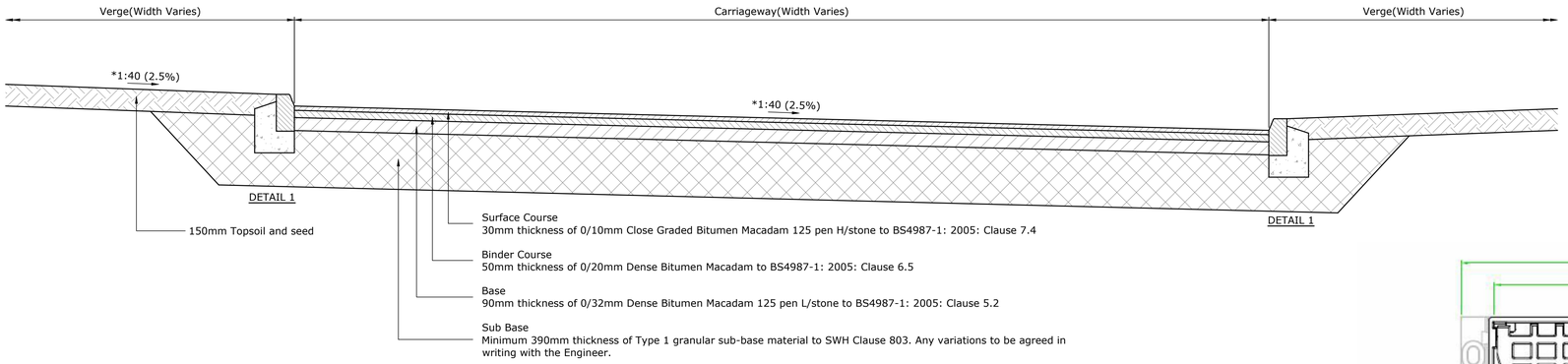


TYPICAL SECTION THROUGH JUNCTION BELLMOUTH

1:20

PAVEMENT FOUNDATION DESIGN

CBR %	Capping (mm)	+	Sub-base (mm)		Sub-base (mm)
Less than 2.5	Ground improvements/special construction required				
2.5	250	+	350	OR	475
3.0	250	+	325	OR	450
4.0	225	+	275	OR	375
5-10	200	+	250	OR	325
10-15	175	+	175	OR	250
Greater than 15	150	+	150	OR	200

Notes

1. All highway works to be constructed in accordance with the South Yorkshire Design Guide and any specific requirements of Barnsley MBC.
2. All highway works are to be the subject of a Section 38 Agreement of the Highways Act 1980.
3. All public sewers to comply with the requirements of the Water Research Councils publication "Sewers For Adoption - 6th edition" together with any additional specific requirements of the Drainage Authority.
4. All public sewers are to be the subject of a Section 104 Agreement of the Water Industry Act 1991.
5. This drawing to be read in conjunction with:-

   1:500 Engineering Layouts and the Longitudinal Sections.

NOTE

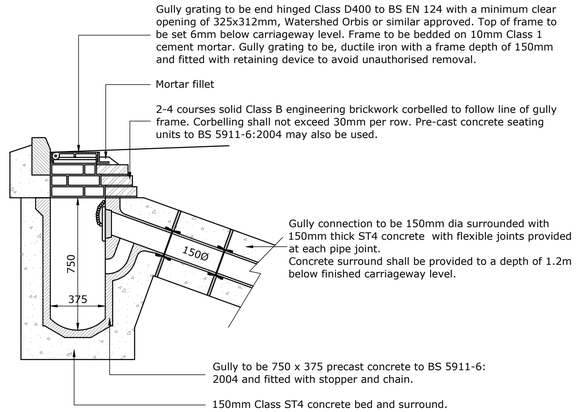
Insitu plate load CBR tests are required at formation level to confirm sub base and any capping layer thickness.

CBR values less than 2.5% will require further discussions with the L.A. Engineer.

CBR values vary across the site and therefore further testing will be required to confirm the actual CBR values at formation level prior to construction commencing.

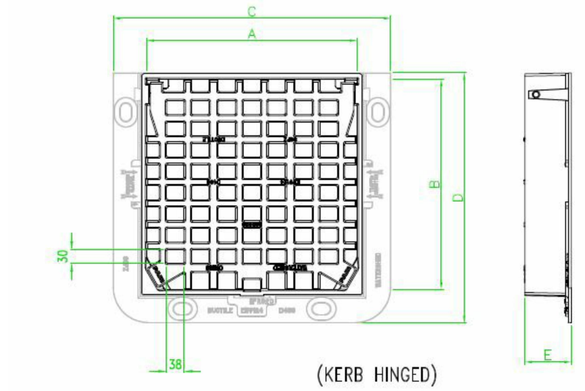
No made ground or unsuitable material is to remain below the proposed highway construction.

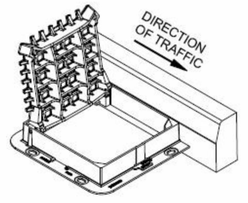
Any made ground below formation level is to be replaced with engineered fill in accordance with the "Specification for Highway Works".



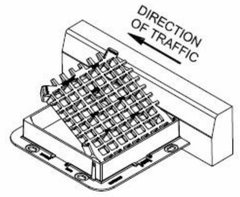
HIGHWAY GULLY DETAIL

Scale 1:20

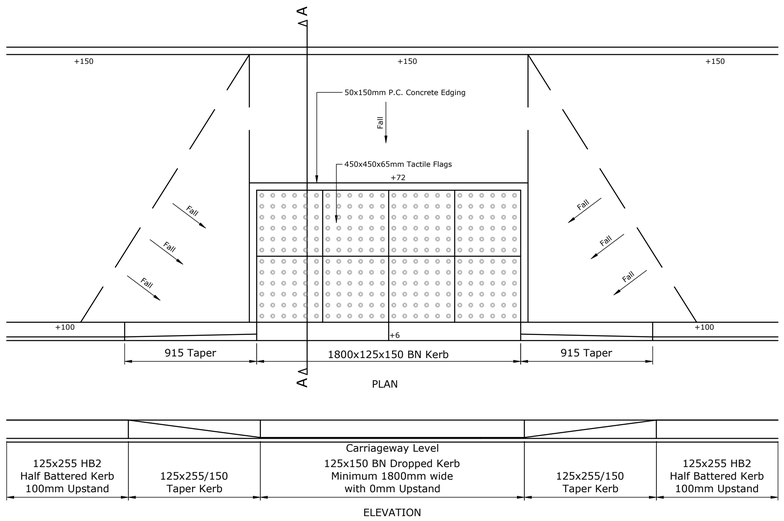




WATERSHED ORBIS
GULLY GRATE DETAIL

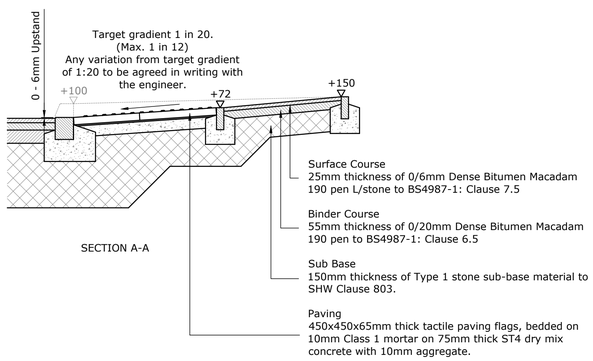


SAP CODE	SAP CODE with INSTALL PLUS +	OPENING TYPE	BS EN 124 CLASS	CLEAR OPENING (A x B)	OVER BASE (C x D)	DEPTH (E)	WATERWAY AREA Sq. cm.	TOTAL MASS kg	HA102 GRATING REF.	PALLET QUANTITY	PREVIOUS REF.
256854	TBC	KERB HINGED	D400	454 x 454	600 x 540	100	975	48	R	20	HR820 1
256855	TBC	L/H OPENING	D400	454 x 454	600 x 540	100	975	48	R	20	HR822 1
256856	TBC	R/H OPENING	D400	454 x 454	600 x 540	100	975	48	R	20	HR824 1
256284	TBC	KERB HINGED	D400	454 x 454	630 x 562	150	975	62	R	20	HR821 1
256280	TBC	L/H OPENING	D400	454 x 454	630 x 562	150	975	62	R	20	HR823 1
256281	TBC	R/H OPENING	D400	454 x 454	630 x 562	150	975	62	R	20	HR825 1



INLINE TACTILE CROSSING DETAIL

Scale 1:20



SECTION A-A

Health and Safety Notes/CDM Regulations 2015

In line with the above regulations we are obliged to inform the Contractor of the abnormal risks that may be encountered in the construction of these works. As part of the design process all the salient health & safety aspects are given full consideration and these are observed within the designs viewed on this document. Although considerable effort is undertaken to eliminate risks, the very nature of the project gives rise to some hazards and risks.

Significant risks that cannot be eliminated by design and could not be foreseen by a competent contractor are noted in the risk assessment boxes on the drawings.

Rev	Description	By	Date

Client:

Barratt Yorkshire West

Project Title:

Well House Lane,
Penistone

Drawing Title:

S278 Agreement
Road Construction Details
Sheet 2

Scale	Date
1:500 @ A1	06.08.21
Drawing No	**Revision** / **Status**
4619-C-D3-07	0 / Approval

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