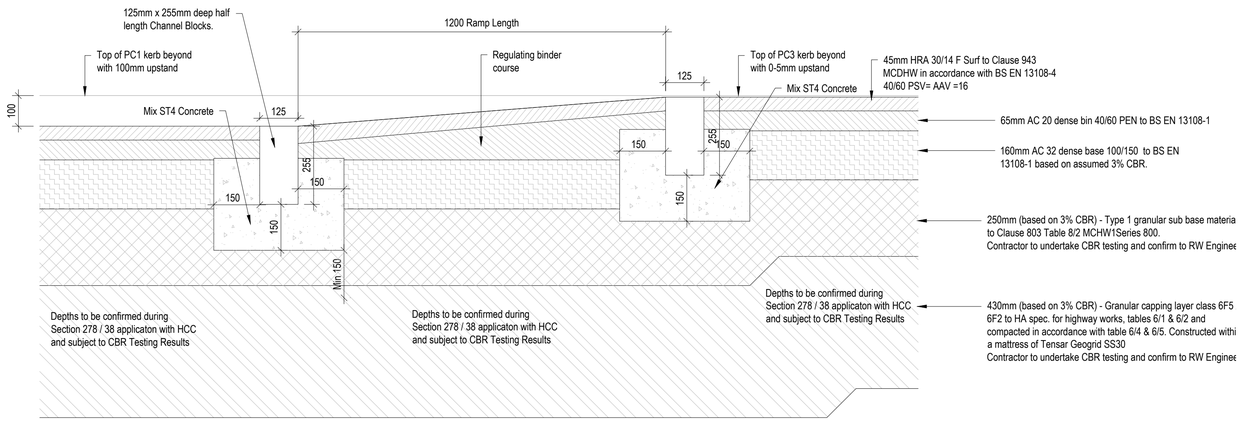
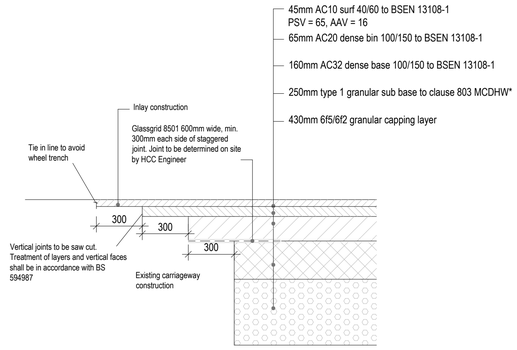


BRIDLEWAY CROSSING RAISED TABLE

Scale 1:10



TYPICAL TIE IN DETAIL

Scale 1:10

		CAPPING OPTION			SUB-BASE ONLY OPTION
Subgrade Surface Modulus	**Equivalent CBR**	**Sub-base Thickness**	**Capping Thickness**	**Foundation Total Thickness**	**Sub-base Only Thickness**
<30 MPa	<2.3%	250mm	430mm	680mm *	420mm
≥30 MPa to <50 MPa	≥2.3% to <5.1%	250mm	430mm	680mm	420mm
≥50 MPa to <65 MPa	≥5.1% to <7.7%	200mm	250mm	450mm	270mm
≥65 MPa to <77 MPa	≥7.7% to <10.0%	160mm	220mm	380mm	240mm
≥77 MPa to <100 MPa	≥10.0% to <15.1%	150mm	190mm	340mm	220mm
≥100 MPa	≥15.1%	150mm	150mm	300mm	200mm

Table 1 - Capping Requirement Table. Contractor to undertake CBR tests before construction to inform subbase design

- Subgrade Surface modulus banding based on CD225 & TG6-1
- Table provides RFD Class 2 Foundation thickness
- Sub-base MCHW1 803, 804, 806, 807
- Capping MCHW1 613
- Where MPa values fall mid-band, foundation design based on the lower MPa value for that band (As per TG6-1)

* Subgrades with design subgrade Surface modulus value lower than 30MPa are unsuitable to support the construction of a pavement foundation. Excavation & replacing of 500mm min. soft subgrade with granular fill.

Hampshire Standard Details List		
Detail Reference	Detail Title	Detail Type
HCC11/C/010	Upstand Kerb100mm Upstand Kerb 25mm Flush Kerb	Type PC1 Type PC3 Type PC4
HCC11/C/045	Footway	Type 1A
HCC11/C/060	Uncontrolled Pedestrian Crossing in New Works	-
HCC11/C/105	Block Paved Flat Top Road	-
HCC11/D/015	Gully	Type 1
HCC11/M/025	Carriageway Haunch Repair Details	-
HCC11/M/030	Carriageway Repair Details	-

DO NOT SCALE OFF THIS DRAWING

GENERAL NOTES:

1. All dimensions to be checked on site. All details and dimensions relating to sub-Contractors work must be checked and agreed between the sub-Contractor or supplier and the general Contractor.
2. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specification.
3. The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.
4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority. No liability is accepted by the Consultant and the main Contractor is responsible for obtaining and checking all information and taking due care and attention whilst undertaking the works.

CDM 2015 RESIDUAL RISKS

1. All areas of live traffic and pedestrian movements shall be subject to appropriate traffic management barriers and signs.
2. Access points onto live public highway.
3. Unauthorised access to the site must be prevented at all times
4. Existing road drainage to be maintained.
5. Be aware of possible live drainage flows and foul effluent during construction.

The Contractor shall assess and implement a safe working system and equipment (PPE) as necessary.

The above residual risks are for non-standard hazards. It is assumed that a competent contractor familiar with the construction of this type of work will be appointed who will be aware of the standard hazards.

ALL ADOPTABLE HIGHWAY WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH HAMPSHIRE COUNTY COUNCIL GUIDANCE, SPECIFICATIONS AND DETAILS

Revision History

Rev	Comment	By	Chkd	Appr	Date

Current Revision

A01	ISSUED FOR APPROVAL	PJ	PR	SB	04/07/2025

FOR APPROVAL

BLOOR HOMES

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Project

WATERLOOVILLE - BEREWOOD
PHASE 8a

Drawing Title

S278 CONSTRUCTION DETAILS

RWCL Internal Register reference: 4166-002

Scales @ A1

6091-A01

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