

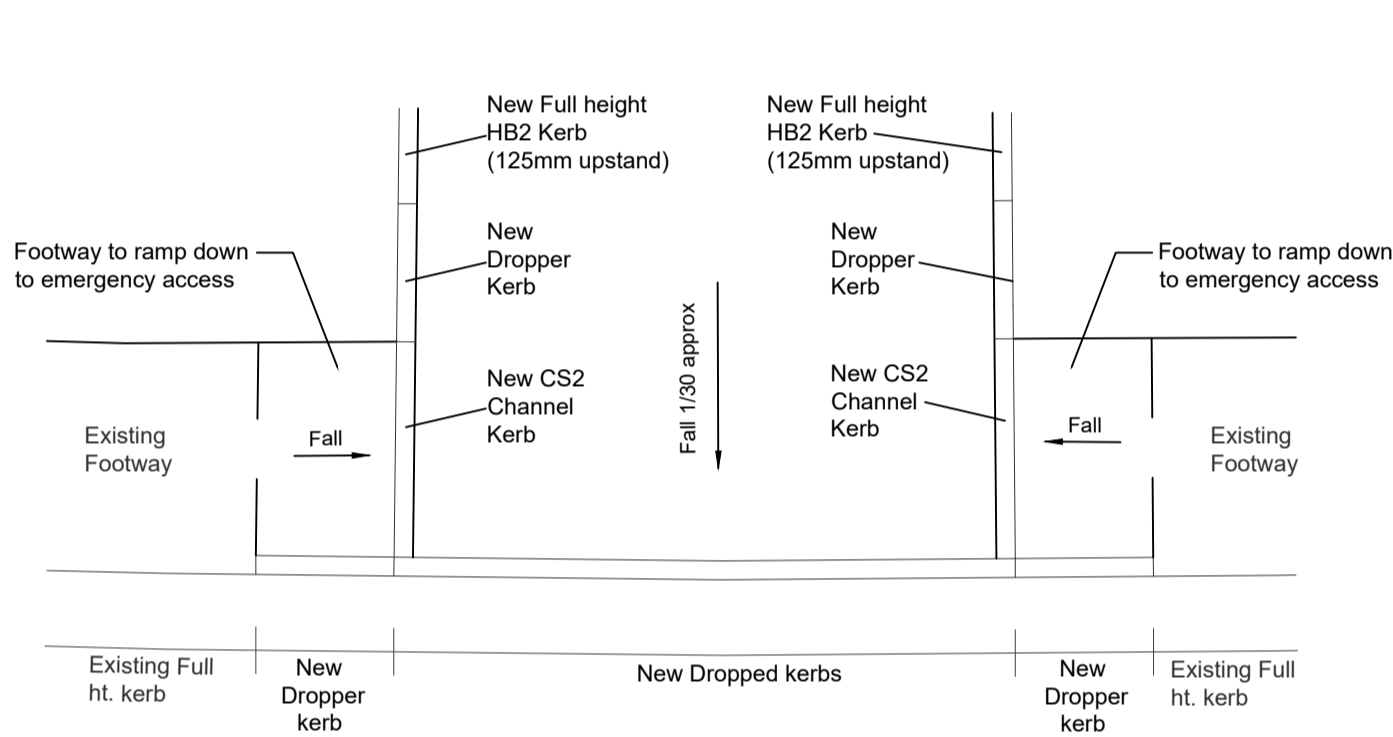
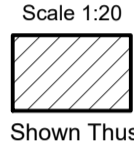
CBR Value	Sub Base depth	Capping Layer depth	Notes
≤1%	150mm	600mm	See note below table
≤2%	150mm	600mm	Geotextile beneficial
<2% - ≤2.5%	150mm	450mm	
<2.5% - ≤5%	150mm	350mm	or 350mm Sub base
<5% - ≤15%	225mm		
<15%	150mm		

Minimum total construction thickness to be 450mm assuming frost susceptibility of the subgrade.
For CBR's of less than or equal to 1% consider stabilisation of weak material or min 600mm capping on geotextile plus 150mm sub base.

In areas requiring fill, levels beneath adoptable roads shall be made up and compacted to the satisfaction of the Surrey County Council.
Fill material is to be wholly in accordance with the DTp Specification for Highway Works (conforming to Clause 601/1) and may be assumed to be Classes 1A, 1B, 1C, 2B, 6F1 & 6F2. (Max. 125mm, min 63 micron particle size).

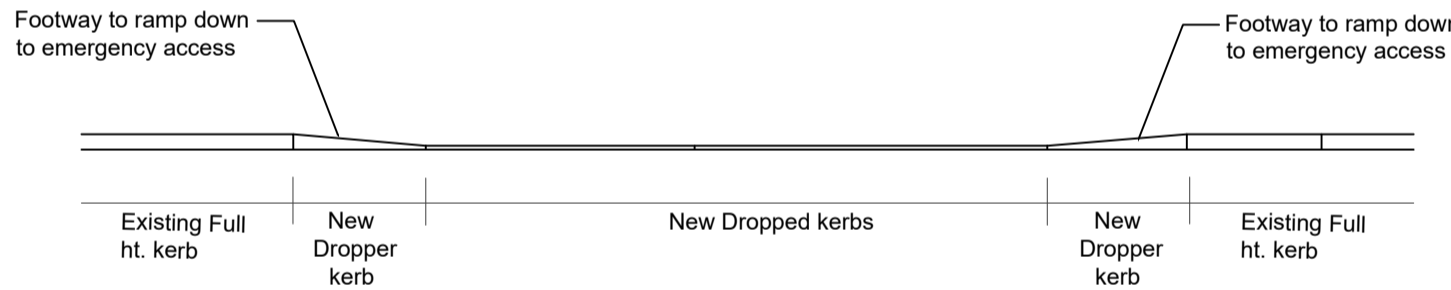
CBR result from S.I. Report

SECTION THROUGH EMERGENCY ACCESS



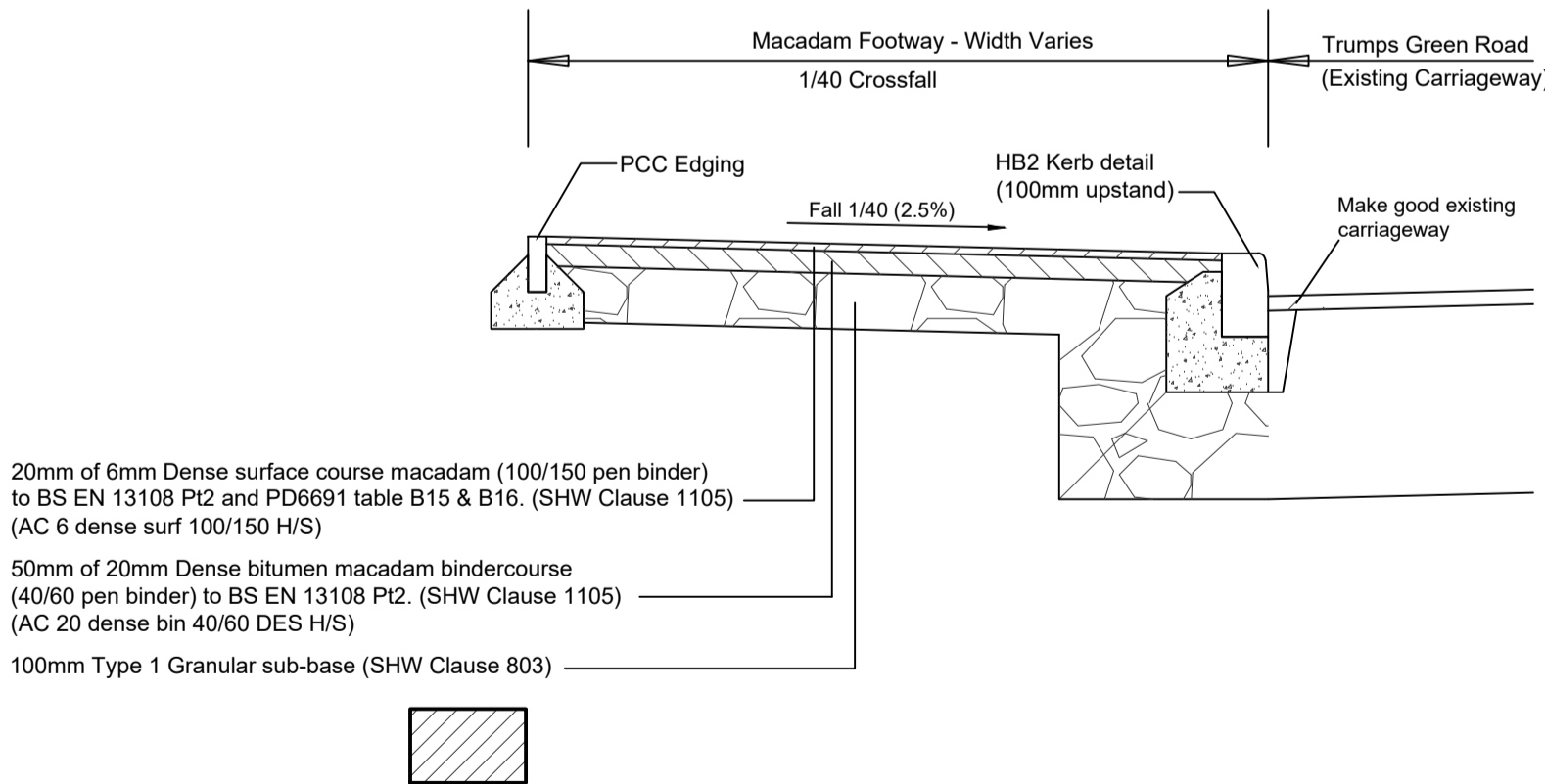
PLAN OF EMERGENCY ACCESS

Scale 1:50



ELEVATION VEHICLE CROSSOVER

Scale 1:20



SECTION THROUGH MACADAM FOOTWAY ADJACENT TO TRUMPS GREEN ROAD

Scale 1:20

NEW ROAD LAYOUT AHEAD

TEMPORARY SIGNS RS1 & RS2

Not to scale

Class 1 retroreflective 11 gauge aluminium sign to Diag. 7014.

Size: to suit 50 'x' Height.

Temporary signs are to be removed 3 months after completion of works.

SIGN REF.	DTp REF.	DESCRIPTION	FACE MATERIAL	SIZE (mm)	MOUNTING HEIGHT (mm)	MINIMUM CARRIAGEWAY CLEARANCE (mm)	ILLUMINATION TYPE	NUMBER OF POSTS	POST DIAMETER (mm)	ENLARGED BASE MOUNTING	POST LENGTH (mm)	FOUNDATION SIZE (mm)	NOTES
RS1, RS2	7014	NEW ROAD LAYOUT AHEAD	CLASS 1 RETROREFLECTIVE	50'x' HEIGHT	2100	450	NOT LIT	1	76		3900	600x600x600	TEMPORARY SIGNS TO BE REMOVED 3 MONTHS AFTER COMPLETION OF WORKS

Note: 1. All signs to be in accordance with the Traffic Signs Regulations and General Directions 2016.
2. All sign posts are to be galvanised.
3. All signs to have 450mm clearance from the edge of carriageway.
The exact positions to be agreed on site with L.A. Engineer.
4. Signs to Diag 7014 may be mounted on nearby street furniture, if available

SIGNS SCHEDULE

No Dimensions are to be scaled from this drawing.

NOTES

- All works carried out in the Public Highway are to be carried out in accordance with the Surrey County Council specification to the satisfaction of the Highways Engineer. The contractor is responsible for obtaining all necessary licences for works in the Public Highway.
- If the CBR value for the sub grade is found to be less than 2%, the insitu measured value must be reported to Bellway Homes Technical Dept for further advice.
- All necessary pedestrian and traffic management to be employed and agreed with the highway authority prior to works and be in accordance with Chapter 8 of the Traffic Signs Manual.
- Continuity of access to occupied areas to be maintained to the satisfaction of the Surrey CC Engineer during any works within the Public Highway.
- The Developer/Contractor is to provide suitable and effective means of wheel washing facilities to prevent mud from being conveyed on to the Public highway and to provide the means to clean the highway to the satisfaction of the Surrey CC Engineer.
- Any soft spots within the proposed Highway shall be dug out and backfilled with Type 1 granular sub base material in 150mm (max.) compacted layers.
- Any damage caused to the existing highways during the course of construction works to be replaced as directed by and to the satisfaction of the Surrey CC Engineer.
- No concrete to be poured or laid at temperatures below 2°C on a falling max/min thermometer or before temperatures reaches 2°C on a rising max/min thermometer.
- No works shall commence within the existing public highway until the agreement is signed.
- All fill material up to foundation level of the proposed highways to be approved and compacted in layers as directed and to the satisfaction of the Highways Inspector.
- Any existing live drains, sewers, ducts, cables etc. that will pass under the proposed highway shall be surveyed, probed, traced, rodged, jetted, cut/d etc. to ascertain their structural condition and suitability to fall within the new highway. If deemed necessary, special protection and/ or replacement may be required as directed and to the satisfaction of the Highways Inspector, Area Engineer and/ or utility company involved.
- Any existing live manholes, chambers, boxes etc. that will be located within the proposed highway shall be surveyed to ascertain their structural condition and suitability to fall within the new highway. If deemed necessary, special protection and/ or replacement may be required as directed and to the satisfaction of the Highways Inspector, Area Engineer and/ or Utility Company involved.

REVISIONS

T1	Tender Issue	09/08/24	nas
----	--------------	----------	-----

WITHERS
DESIGN ASSOCIATES

CIVIL ENGINEERING & INFRASTRUCTURE DESIGN

Unit 12, Wakes Hall Business Centre
Wakes Colne, Colchester, Essex
CO6 2DY
01206 247081

PROJECT
REGENTS GATE, TRUMPS GREEN ROAD
VIRGINIA WATER, SURREY.

CLIENT



DRAWING TITLE
SECTION 278
CONSTRUCTION DETAILS
(Sheet 2 of 2)

SCALE	DATE	INIT	CHKD
As Shown	04/24	nas	maw
STATUS			
TENDER			
DRG NO	REVISION		
24-003/287	T1		