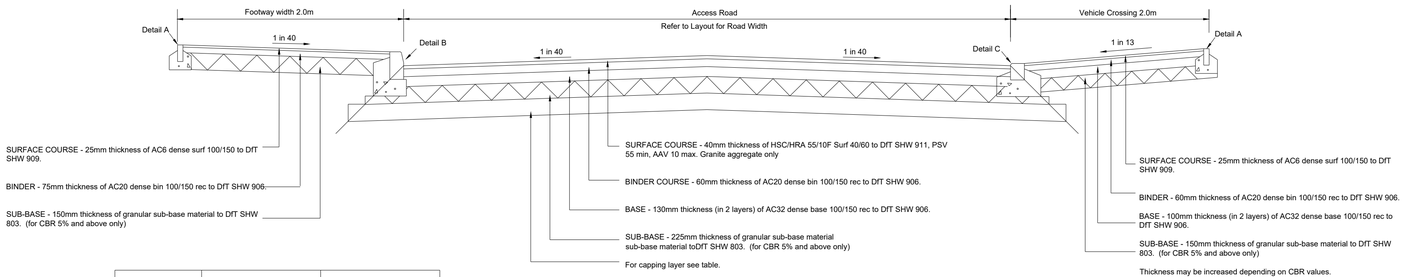
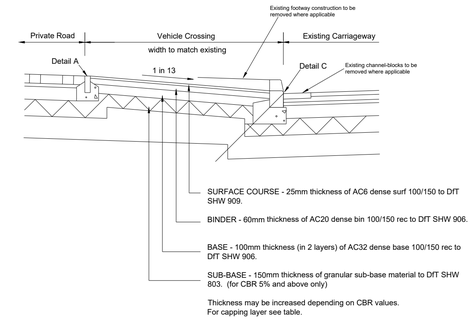


Typical Section through Access Road

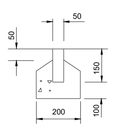
Sub-grade CBR	Capping Layer	Type 1 GSB
5% and Above	N/A	225mm
2% to 5%	350mm	150mm
Less than 2%	600mm	150mm

Capping Layer Thickness

Formation to be proof rolled with any soft soft spots to be replaced with approved granular sub base method.

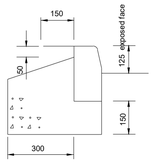


Vehicle Crossover to Private Shared Surface Road



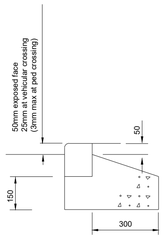
EF - FLUSH

50 x 150mm edging
to BS7263 type EF
with concrete grade
ST1 bed and haunch



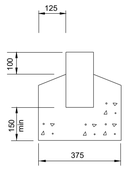
HB2-125

125 x 250mm half
batter kerb to
BS7263 type HB2
with concrete grade
ST1 bed and haunch



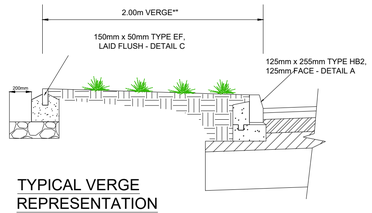
BN

125 x 150mm
bullnose kerb to
BS7263 type BN
with concrete grade
ST1 bed and haunch

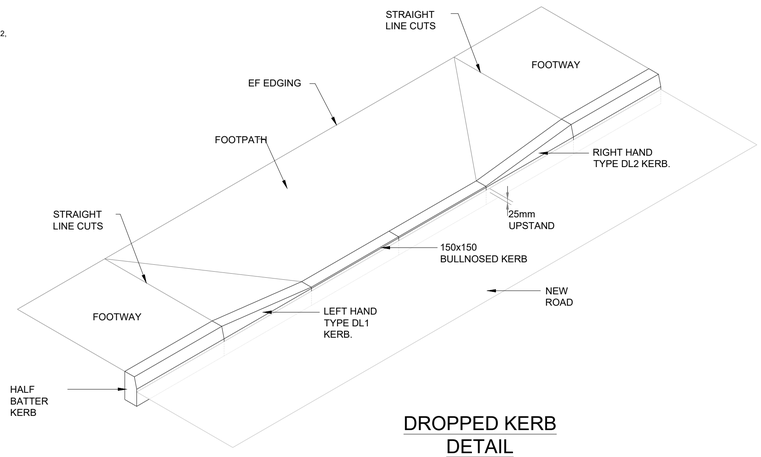


CS1

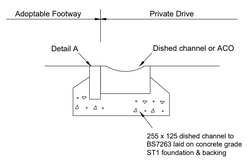
125 x 250 channel
block to
BS7263 type CS1
with concrete grade
ST1 bed and haunch



TYPICAL VERGE REPRESENTATION

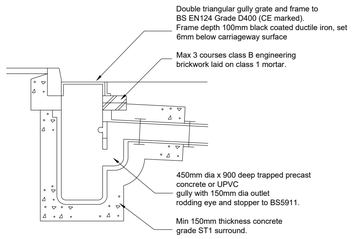


DROPPED KERB DETAIL

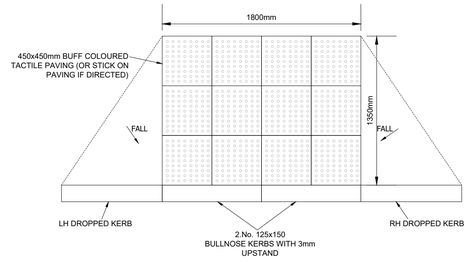


Drainage Channel (d-c)

To be provided where private driveways
fall towards the adoptable highway

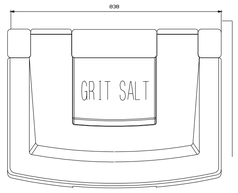


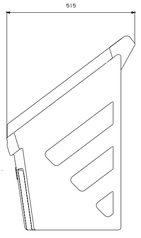
Typical Road Gully



UNCONTROLLED PEDESTRIAN CROSSING

MODEL SPECIFICATION SLIMLINE™





PRODUCT INFORMATION:

- DESCRIPTION - FIXED OR FREESTANDING GRIT/STORAGE BIN
- LID - "GRIT SALT" MOULDED IN OR PLAIN UPON REQUEST
- BIN WEIGHT - 12.5kg NET
- CAPACITY

MAXIMUM CAPACITY	LOOSE GRIT	BAGGED GRIT
160Ltr	200KG	8 X 25KG BAGS (200KG)

- MATERIAL - BIN - DURAPOL®
- COLOURS - YELLOW,BEIGE, RED, DEEP GREEN
- DIMENSIONS - ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED.

OPTIONAL EXTRAS:

- HASP & STAPLE KIT
- TRI KEY KIT
- PERSONALISATION - A3 (420 x 297mm) VINYL GRAPHIC OR POLYCARBONATE PLAQUE
- GROUND FIXINGS - SEE INSTALLATION OPTIONS

INSTALLATION OPTIONS:

- WE RECOMMEND PERMANENT GROUND FIXING BY THE FOLLOWING:
- A SOUND CONCRETE FOUNDATION IS THE PREFERRED METHOD.

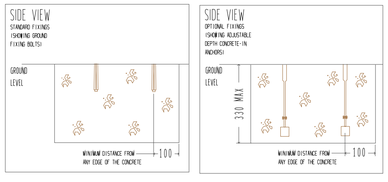
  a) GROUND FIXING BOLTS (IN EXISTING OR NEW CONCRETE FOUNDATIONS)ALLOW TIME FOR NEW CONCRETE FOUNDATIONS TO CURE. 4 HOLES TO BE DRILLED FOR GROUND FIXING BOLTS 12mm x 110mmMINIMUM DEPTH) ENSURE HOLES ARE LOCATED AT LEAST 100mm FROM ANY EDGE OF THE CONCRETE FOUNDATION.

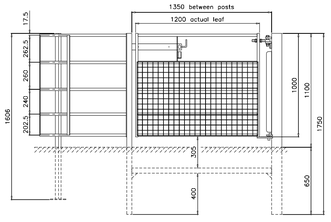
  IF USING YOUR OWN FIXINGS ENSURE Ø 50mm WASHERS ARE USED.

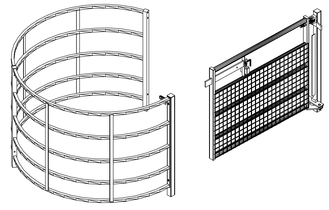
  b) ADJUSTABLE DEPTH CONCRETE-IN ANCHORS (IN NEW CONCRETE)WHEN CREATING A NEW CONCRETE FOUNDATION, THESE FIXING KITS PROVIDE EASIER/SAFER INSTALLATION (WITHOUT DRILLING)WHILST ALLOWING THE UNIT TO BE FASTENED DOWN AND REMOVED IF REQUIRED, LEAVING NO TRIP HAZARD. ENSURE HOLES ARE LOCATED AT LEAST 100mm FROM ANY EDGE OF THE CONCRETE FOUNDATION.

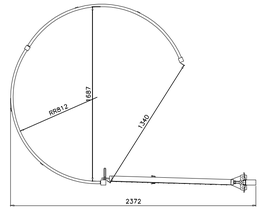
- TARMAC AND BLOCK PAVING
  WHEN INSTALLING ON TARMAC OR BLOCK PAVING, A CONCRETE BASE IS STRONGLY RECOMMENDED TO PROVIDE ADEQUATE SECURITY AND IMPROVED OPERATION.
- FLAGSTONES (USING GROUND FIXING BOLTS)
  WHEN INSTALLING ON FLAGSTONE OF A MINIMUM 50mm (2") THICK. ENSURE HOLES ARE LOCATED AT LEAST 110mm FROM ANY EDGE OF THE FLAGSTONE.

  FOR INCREASED SECURITY, USE A DOUBLE LAYER OF FLAGSTONES BOLTED TOGETHER.

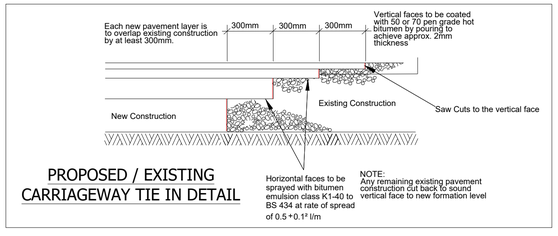








WOODSTOCK LARGE KISSING GATE



PROPOSED / EXISTING CARRIAGEWAY TIE IN DETAIL

The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work starts. The Contractor is to comply in all respects with current Building Legislation, British Standard Specifications , Building Regulations, Construction (Design & Management) Regulations, Party Wall Act, etc. whether or not specifically stated on this drawing. This drawing must be read with and checked against any structural, geotechnical or other specialist documentation provided. This drawing is not intended to show details of foundations, ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor. A suitable method of foundation should be provided allowing for existing ground conditions. Any suspect or fluid ground, contaminates on or within the ground, should be further investigated by a suitable expert. Any earthwork constructions shown indicate typical slopes for guidance only & should be further investigated by a suitable expert.
Where existing trees / structures are to be retained they should be subject to a full specialist inspection for safety. All trees are to be planted so as to ensure they are a minimum of 5 metres from buildings. A suitable method of foundation is to be provided to accommodate the proposed tree planting.
Residential & Commercial Engineering Limited do not accept any responsibility for any losses (financial or otherwise) to any Client or third party arising out of the Clients (be it Developer or Contractor but not limited thereto) non-compliance with afore mentioned provisos.
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Rev	Description	Date	Drawn	Check
A	Glasdon Slimline salt bin detail added to plan along with Uncontrolled pedestrian Crossing Detail.	10:05:22	JS	RH

Revisions:

FLETCHER HOMES

RACE RESIDENTIAL & COMMERCIAL ENGINEERING

Drawing Status:
Subject to the following approvals:
S38 - Subject to Technical Approval from Herefordshire CC Highways
S104 - Subject to Technical Approval from Severn Trent Water
S278 - Developer to complete application/approval with Herefordshire CC Highways.
S106 - Developer to complete application/approval with STW.

Client:
FLETCHER HOMES

Project:
ROSEMARY LANE, LENTWARDINE

Title:
ROAD CONSTRUCTION DETAILS - SHEET 1

Job Number. RACE/FH/GMR
Drawing No. ENG_250
Revision. A

Scale: NTS @ A1
Date: JUNE '21
Drawn by: JS
Checked by: SM

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