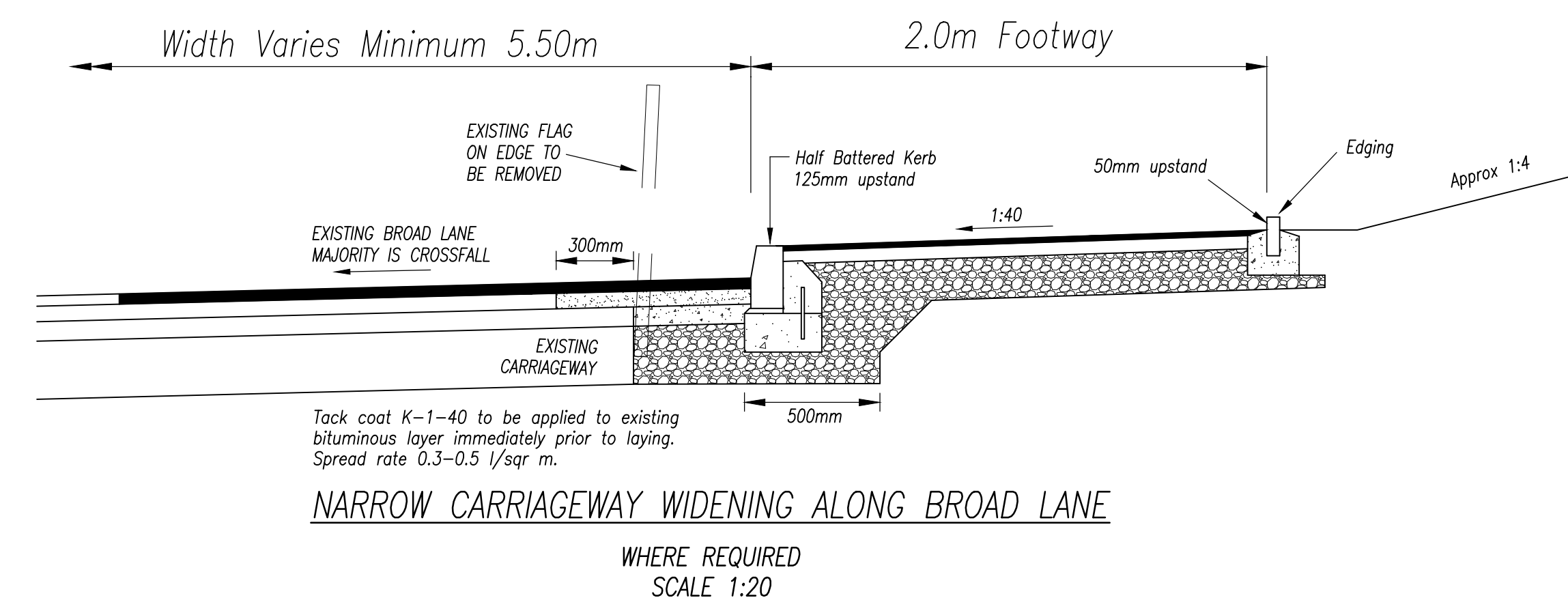
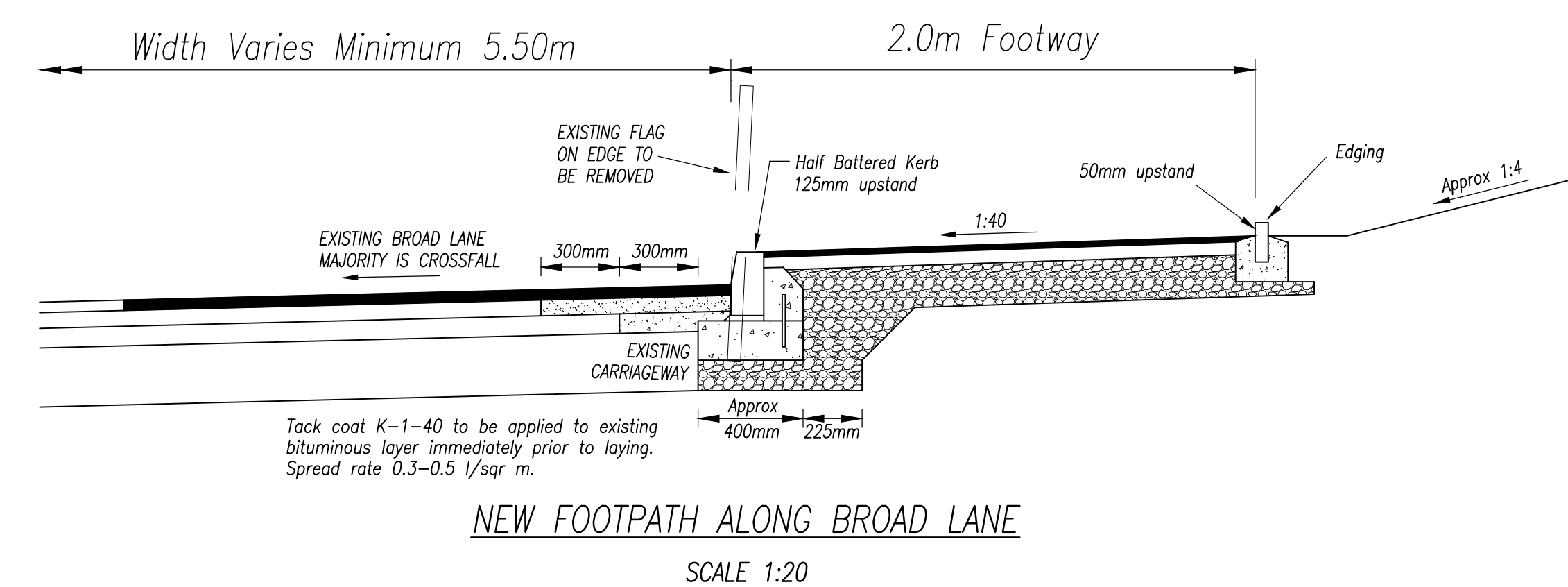
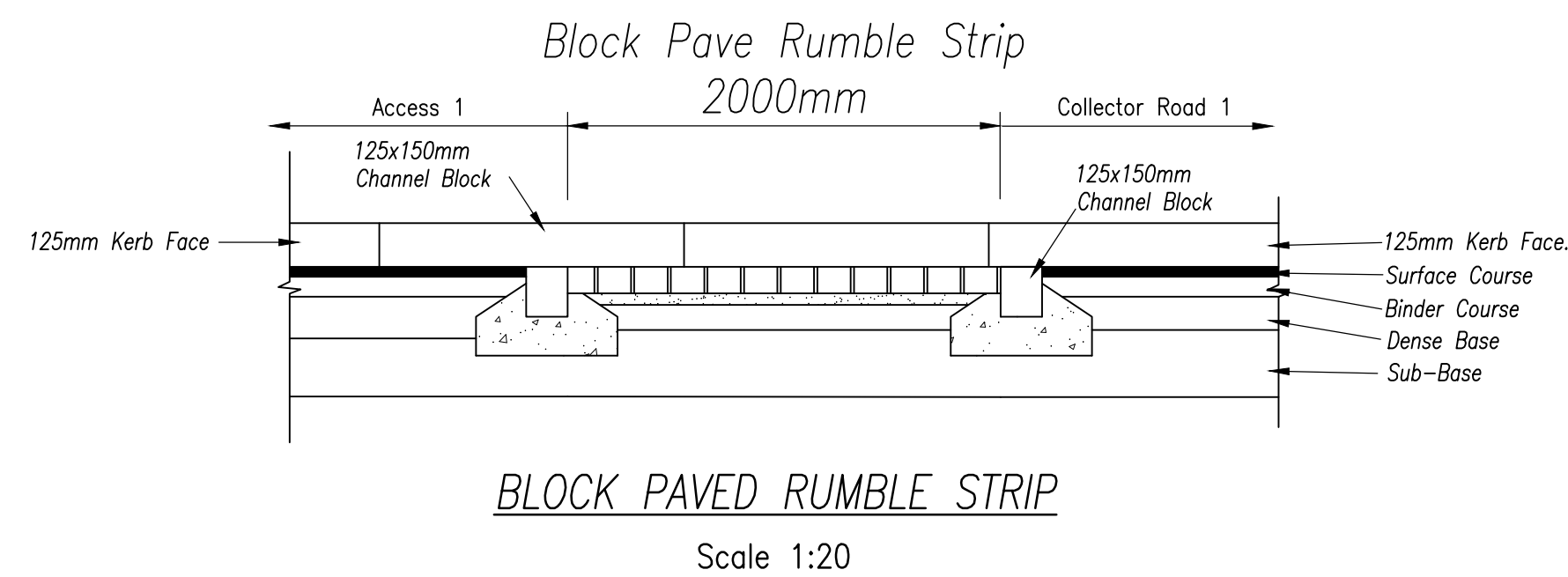
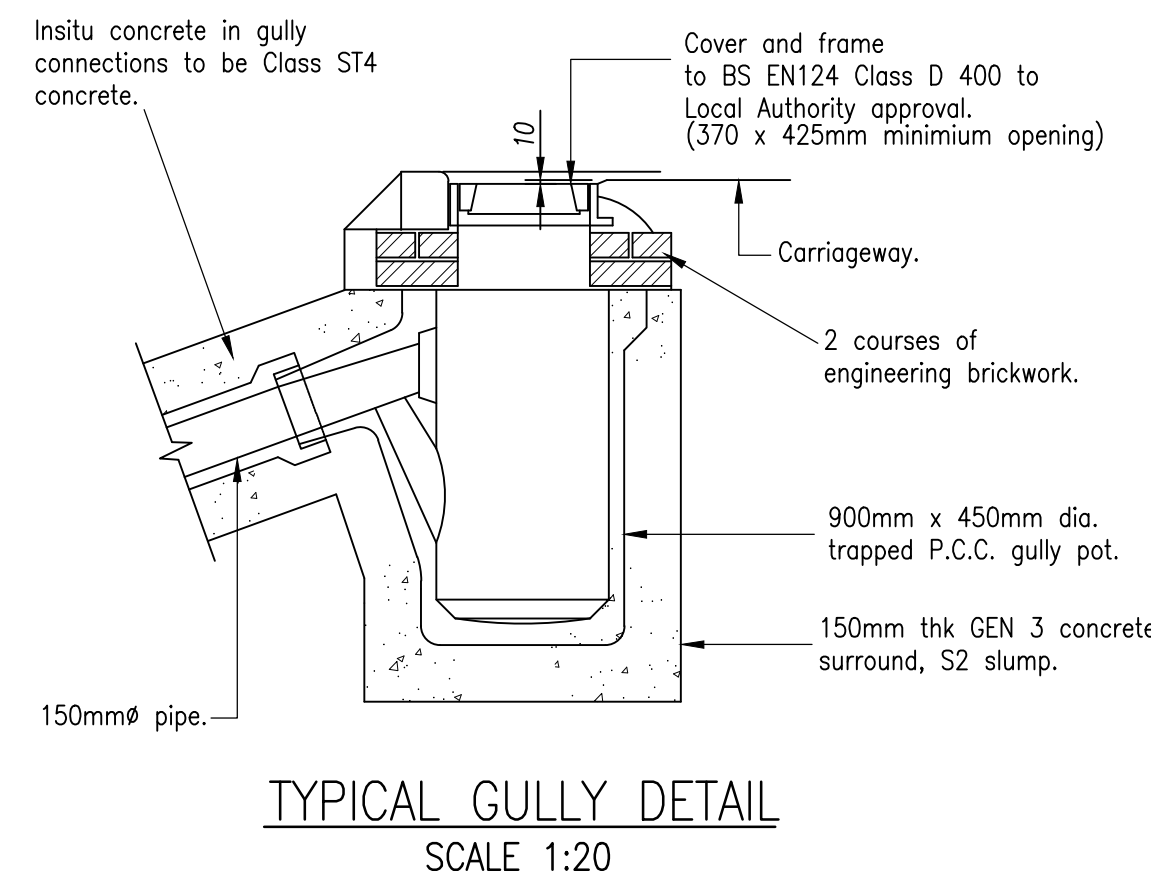




C.B.R Value	Option A		Option B	
	Capping to Cl 613.	Type 1 to Cl 803.	Capping to Cl 613.	Type 1 to Cl 803.
<2%	600mm	150mm	600mm	150mm
2%	450mm	150mm	450mm	150mm
3%	350mm	150mm	—	300mm
4%	300mm	150mm	—	275mm
5%–15%	250mm	—	—	225mm*
>15%	—	150mm*	—	150mm*

[illegible]

16mm Dia. dowel bars
200mm Long @ 450mm centres

concrete
pump

50

150 min

150

150

275

25x125mm precast concrete
Type HB2 to BS EN 1340.

125

50

GEN 2 Concrete

16mm Dia. dowel bars
150mm Long @ 450mm ctrs

125x150mm precast bullnose kerb
type BN to BS EN 1340.

25mm upstand at vehicle crossings
6mm upstand at pedestrian crossings

GEN 2 Concrete
with S2 Slump

70

150 min

150

275

30

30

GEN 2 concrete

125x150mm Channel Block to BS EN 1340

150 min

150

150

125

150

GEN 2 Concrete with S2 Slump

CHANNEL BLOCKS AT RAMPS
SCALE 1:10

1. All adoptable sewers and associated works are to comply fully with Design and Construction Guide May 2021 and United Utilities' Developer Services Construction Details' where necessary.
2. All highway works to be to adoptable standards and to comply fully with Rochdale Borough Councils specifications.
3. All works are to comply fully with the NHBC (2024) standards and part H of the Building Regulations.
4. All existing invert levels to be checked by the Contractor at the start of works and any discrepancies notified to the Borough and David Wilson Homes. All levels are based on topographical survey information provided by Land Surveyors.
5. All materials to bear the relevant B.S. Kitemark and comply fully with the specifications.
All concrete & concrete products must use Sulphate resistant cement (unless the site investigation report indicates that sulphate attack from soils and groundwater will not occur)
6. All opening notices etc. as required under highways acts etc. are to be obtained prior to commencement of works.
It is the Contractors responsibility to ensure that all works are to be inspected by L.A., NHBC and United Utilities as applicable.
7. All roadmarkings and signage to be in accordance with the Traffic Signs Regulations and General Directions 2002.
8. CBR testing to be organised by the contractor and to be taken at formation level. The results to be issued to Barnard & David Wilson Homes. Road construction to be confirmed by Local Authority Engineer.

in line with the above regulations we are obliged to inform the Contractor of the risks that may be encountered in the construction of these works. All design work has been carried out with Health and Safety aspects given full consideration. Wherever possible risks have been eliminated from the design, however due to the very nature of this type of work it is not possible to remove all the risks from the design. We would also respectfully remind the Contractor of his obligations to take all reasonable steps in ensuring that they adhere to their own health and safety policy. They should also provide satisfactory responses at all stages to the manner in which they will deal with the elements of risk involved in this type of work and in particular those highlighted by David Wilson Homes below:-

1. Support / treatment for ALL excavation work.
2. Guarding to edges of excavations to prevent people, materials and vehicles falling into excavation.
3. Guarding of excavations outside working hours to prevent unauthorised access.
4. Undermining to adjacent roads or structures.
5. Confined space operations.
6. Dealing with existing services.
7. Traffic management on existing highways.
8. Procedure to be followed in event of accident or emergency.
9. Method of working where contaminated ground is present on site.
10. Confirmation will be required that all operatives are adequately trained, copies of relevant training certificates to be supplied.

The above list is by no means exhaustive but it does highlight operations that present a risk to contractors and the general public.
For clarification please contact Barratt & David Wilson Homes at the Birchwood Office.

02	Footpath and road widening detail added to Broad Lane				May 24	J DGB
03	Feature Table Sub Base and Capping added				May 24	J DGB
Revision	Description				Date	Design By
Project: Silverhill Farm, Kingsway, Rochdale Description: Road Construction Layout Design By: J DGB Date: 24 Feb Variant at AD: Various Revision: P 03 DAVID WILLIAMS HOMES WHERE QUALITY LIVES  BARRATT BUILDERS THE BARRATT GROUP						