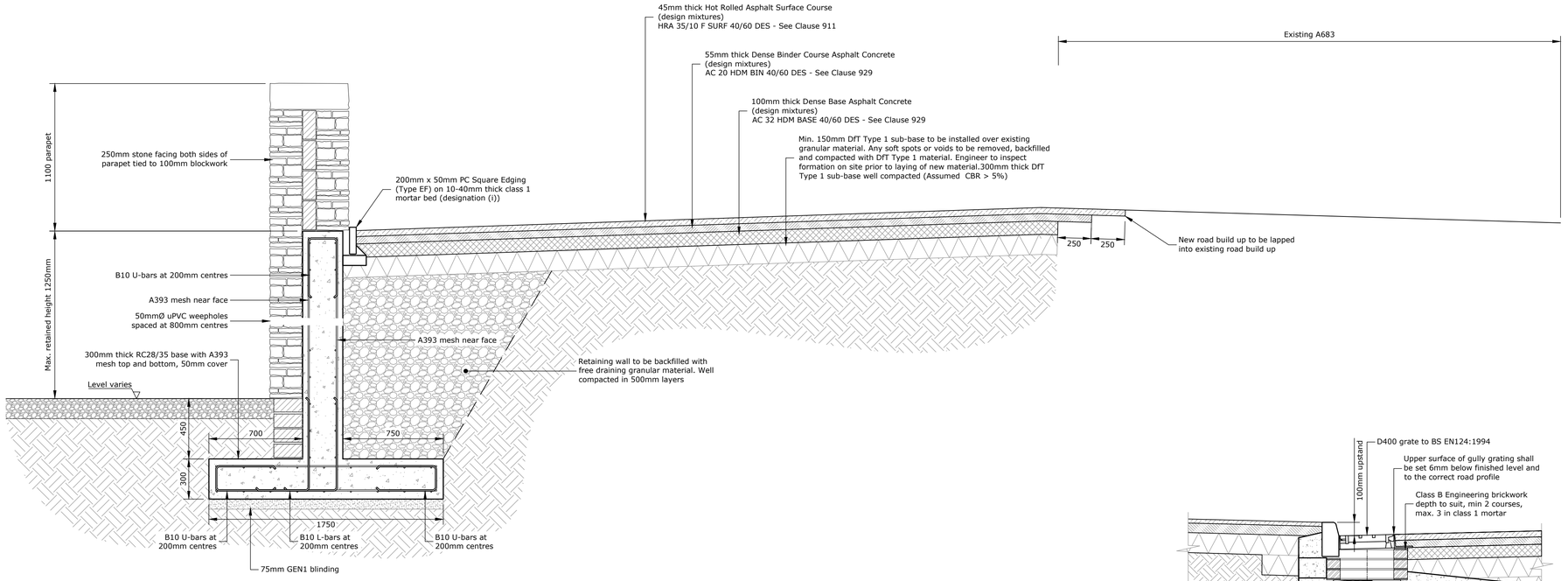
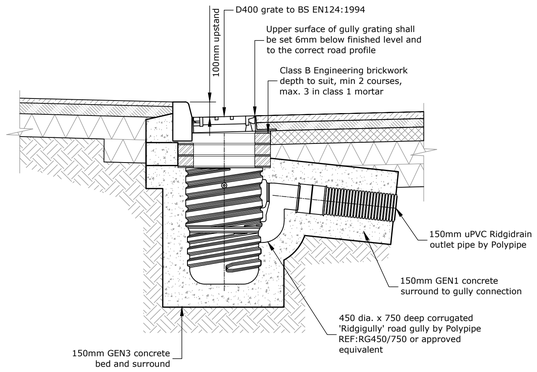


Section A-A

Scale 1:20



Typical Road Gully Detail (Asphalt)

Scale 1:20

General

1. This drawing should not be scaled - use figured dimensions only. If in doubt, ask.
2. All dimensions are in millimetres unless stated otherwise.
3. This drawing is to be read in conjunction with all relevant Architects drawings as well as all other drawings by RG Parkins (refer to RG Parkins drawing register).
4. The Contractor is responsible for verifying all dimensions on site prior to commencing works.
5. Any specified proprietary products are to be installed in strict accordance with manufacturers guidelines. No specified product should be substituted without gaining approval from RG Parkins.

Concrete (General)

1. Unless noted otherwise, the concrete grades as specified are designated mixes to BS EN 206 and BS 8500, with a maximum aggregate size of 20mm.
2. No additives will be used without prior approval of RG Parkins. The addition of water on site will not be permitted.
3. The Main Contractor is responsible for specifying the workability of the concrete and the method of placing and finishing.
4. All concrete cast on the ground shall be underlain with 75mm GEN1 blinding concrete to BS8500.
5. The formation and sub-base of concrete cast on the ground, must be protected from inclement weather.
6. Should the air temperature fall below 4°C, special precautions are to be taken to protect the concrete from frost damage. Any such precautions are to be approved by the Engineer.
7. All in-situ and/or pre-cast concrete site works, including construction tolerances, shall be carried out in accordance with BS 8000 and BS EN 13670.
8. The Main Contractor shall be responsible for undertaking cube tests on all concrete used to site. Cube strength tests shall be undertaken in accordance with BS EN 12390. The frequency of testing shall be as follows:
   - o 2No. samples for every 24m^3 or every fourth batch, whichever is the lowest volume.
   - o Each sample is to consist of 3No. cubes.
   - o 1 Cube from each sample is to be tested at 7days and the remaining 2 cubes from each sample are to be tested at 28days.
9. The type of surface finishes to concrete shall be Ordinary, in accordance BS EN 13670, where:

Ordinary	Formed: Where not of visual importance or to receive applied finishes.

Concrete (Reinforcement)

1. Drawings are to be read in conjunction with associated bar bending schedules as prepared by RG Parkins.
2. Nominal concrete cover (c_{nom}) to reinforcement is as follows:
   - o Top Face: 50mm
   - o Bottom Face: 50mm
   - o Side Face: 50mm

   The maximum permitted deviation allowed for on site is ±10mm (i.e. $c_{min} = c_{nom}$ - 10mm)
3. Bar reinforcement is to be in accordance with BS EN 10080 and BS 4449. Mesh reinforcement is to be in accordance with BS EN 10080 and BS4483.
4. Unless noted otherwise, bar reinforcement is ribbed bar to grade B500B, mesh reinforcement is to be grade B500A.
5. Reinforcement shall be bent in accordance with BS 8666.
6. Reinforcement is to be held in position using proprietary spacers, chairs, or equivalent, suitable for the intended purpose and concrete grade being used, in accordance with BS 7973.
7. Typical reinforcement bar referencing, i.e. 22B12-08-200T, means 22No. 12mm diameter (B500B) bars - bar mark 08 - at 200mm centres in the Top of the member.
8. All lap lengths are to be referred to the Engineer for approval.
9. All reinforcement to be tied together using 1.6mm diameter annealed steel tie wire.
10. All reinforcement bars are to be kept clean and free from dirt, oil and grease.

Foundations

1. Excavations for foundations must not be left open and must be protected from inclement weather.
2. Excavations for foundations must not undermine neighbouring structures; if this is a concern, RG Parkins must be contacted immediately.
3. Formation of foundations to be on undisturbed natural ground with an assumed allowable bearing capacity of 100KN/m^2. Formation to be inspected and approved by Building Control Officer/Inspector prior to foundation construction.
4. RG Parkins should be notified immediately if there are any variations in ground conditions from those identified [on the design drawing/in the Ground Investigation report] (e.g. ground water, obstructions, poor ground conditions, etc.)
5. Formations should be proof rolled with any localised areas of soft and/or organic material must be dug out and backfilled with DfT Type 1 sub base in well compacted layers.
6. All compaction of earthworks prior to placement of foundations should be undertaken in accordance with Table 6/4 of the Manual of Contract Documents for Highway Works (MCHW).

Rev	Description	Date	Revised by	Checked by	Approved
A	Retaining Wall amended	10/01/24	MWG	RW	RW

Issue Purpose: **Comment**

Do not scale from this drawing

R G PARKINS
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Client:	Yorkshire Dales NPA		
Project:	Verge Enhancement, Cautley		
Drawing Title:	Retaining Wall Details		

Scale @ A1: 1:20	First Issue: 17/11/23	Office of Origin: Kendal
Drawn by: MWG	Checked by: RW	Approved: RW
Project No: K40708	Drawing No: 03	Rev: A
BIM No:		