

A1 Original

NOTE:

Additional 6F2 granular material should be used to fill beneath proposed construction where required.

Surface Course:
40 mm compacted depth of
HRA30/14F 40/60 surface course

Binder Course:
60 mm compacted depth of AC20
dense 40/60 binder course

Base Course:
120 mm compacted depth of AC32
dense 40/60 base course

Sub Base:
320 mm Type 1 granular material

Capping Layer:
240 mm 6F2/6F5 granular
material

Compacted Subgrade

fill beneath proposed construction where required

NOTE:

- i) Selected excavated or imported fill material to be used
- ii) See Geotechnical Report for details of materials to be excavated as part of the works
- iii) Classification, placement and compaction in accordance with Series 600 - Volume 1 (Earthworks) of the SHW
- iv) CBR at carriageway formation level (underside of sub-base) to be 15% minimum

CBR OF SUBGRADE	SUB-BASE	CAPPING LAYER
>3%	320	240
>4%	270	220
>5%	240	210
>6%	300	0
>8%	270	0
>10%	250	0

30 mm AC10 open bin (porous asphalt) surface course

40 mm AC20 open bin (porous asphalt) binder course

Sub-Base:
600 mm of 4/20 mm coarse graded aggregate with minimum 30% void ratio

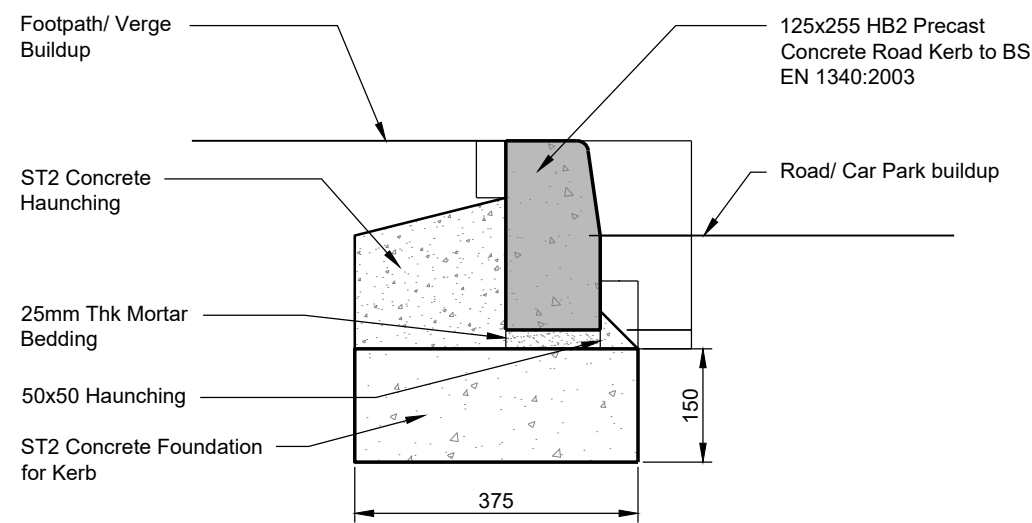
Visqueen High Performance UDG or similar approved impermeable geomembrane to base and sides

Compacted Subgrade

Impermeable Asphalt Access Road Construction Details

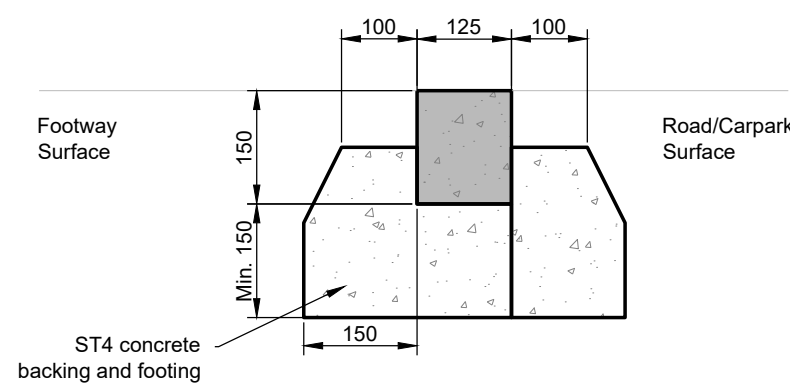
Assumed CBR Value: 3%

Scale 1:10



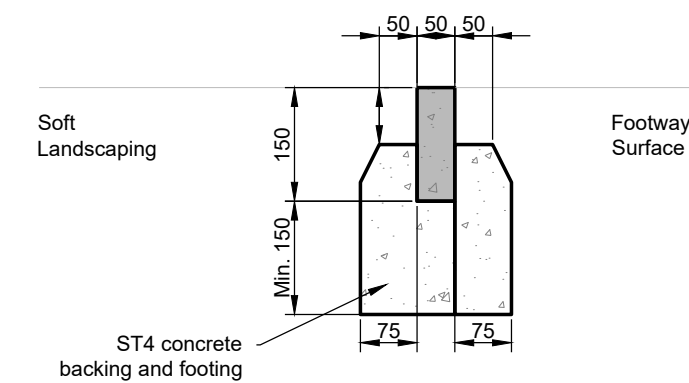
Typical Half Batter Kerb Detail

Scale 1:10



Typical 0-6 mm Upstand Bullnose Kerb Detail

Scale 1:10



Typical 0mm Upstand Edge Kerb Detail

Scale 1:10

General Notes

2. For setting out refer to Architect's drawings.
3. This drawing to be used in conjunction with all other Architectural and Engineering drawings and all other relevant drawings for the project.
4. Do not scale from this drawing. Use given dimensions only.
5. Hard copies and pdf will form a certified issue of the drawing. All other formats (dwg, dxf, rvt etc.) are an uncontrolled issue and any work carried out based on these files is at the recipient's risk. It will still be considered a certified issue if the recipient prints out the drawings from these files, either by human error by the recipient, use of un-dimensioned measurements, software compatibility issues and any errors arising when these files are used by the recipient for drawing production or setting out on site.
6. CE Marking
- 5.1. All structural components to be CE Marked in accordance EN 1090 T1 and 2.
- 5.2. Building Execution Classes: EXC1 EXC2 EXC3 EXC4
- 5.3. Any steel fabricator used must be a member of the BCSA or demonstrate they are CE Marked by another approved notified body.
6. Construction (Design and Management) Regulations 2015 / Construction (Design and Management) Regulations (NI) 2016 (CDM) - Client's Duties
- 6.1. CDM regulations aim to improve the health and safety in the industry by helping to:
 - Sensibly plan the work so the risks involved are managed from start to finish
 - Have the right people for the right job at the right time
 - Cooperate and coordinate work between clients, designers and contractors
 - Have the right information and the right people who are being managed
 - Communicate this information effectively to those who need to know
 - Consult and engage with workers about the risks and how they are being managed
- 6.2. The Construction (Design and Management) Regulations (CDM) are the regulations that are set out in Part 2 of the Regulations. These include, but are not limited to, making arrangements for welfare facilities, appointing a Principal Designer and appointing a Principal Contractor. A free copy of the HSE's Guidance on the Regulations can be downloaded from the HSE website www.hse.gov.uk/cdm/regulations/CDM153.pdf. The Regulations can be downloaded from the UK Legislation website (www.legislation.gov.uk)