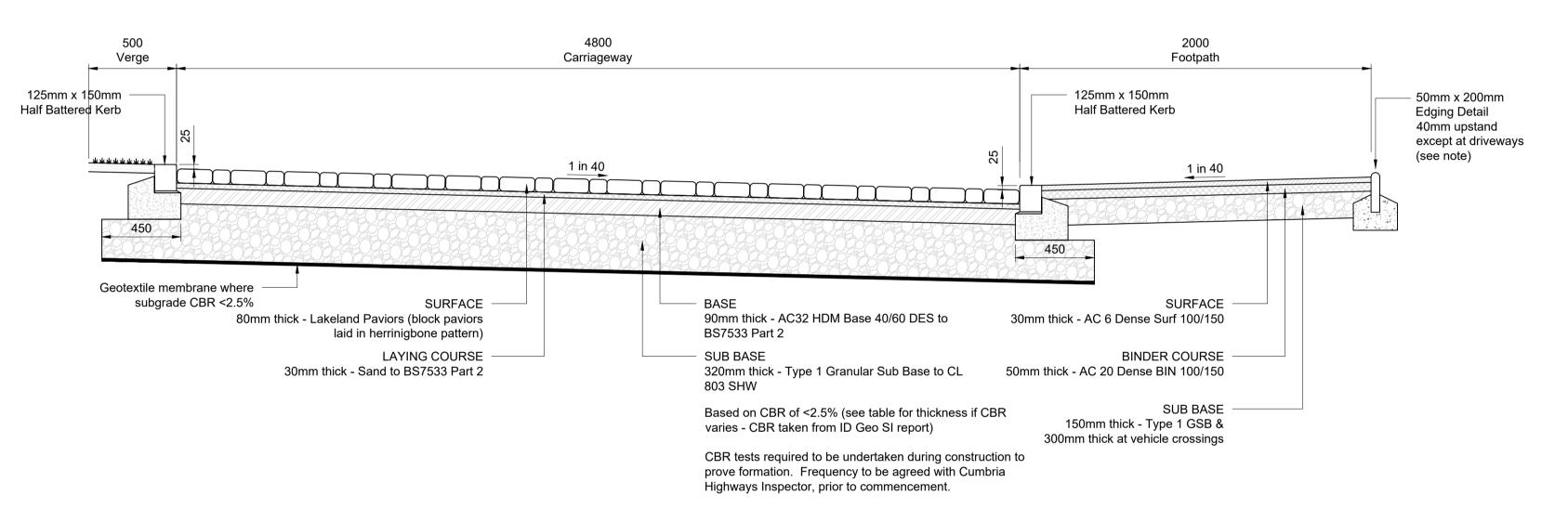
500 4800 Carriageway Vehicle Crossing / Footpath Verge 50mm x 200mm **Edging Detail** 125mm x 150mm 125mm x 150mm Half Battered Kerb Half Battered Kerb 1 in 40 1 in 12.5 max <u>\*\*\*\*\*\*\*\*\*</u> 1 in 40 1 in 40 450 450 SURFACE SURFACE 45mm thick - 35% HRA 35/14 F DES to 90mm thick - AC32 HDM Base 40/60 30mm thick - AC 6 Dense Surf 100/150 Clause 911 **BINDER COURSE** SUB BASE BINDER COURSE 55mm thick - AC20 HDM BIN 40/60 50mm thick - AC 20 Dense BIN 100/150 320mm thick - Type 1 Granular Sub Base to CL 803 SHW SUB BASE Based on CBR of <2.5% (see table for thickness if CBR 300mm thick Type 1 GSB at vehicle varies - CBR taken from ID Geo SI report) crossings 150mm thick at footpaths CBR tests required to be undertaken during construction to prove formation. Frequency to be agreed with Cumbria Highways Inspector, prior to commencement.

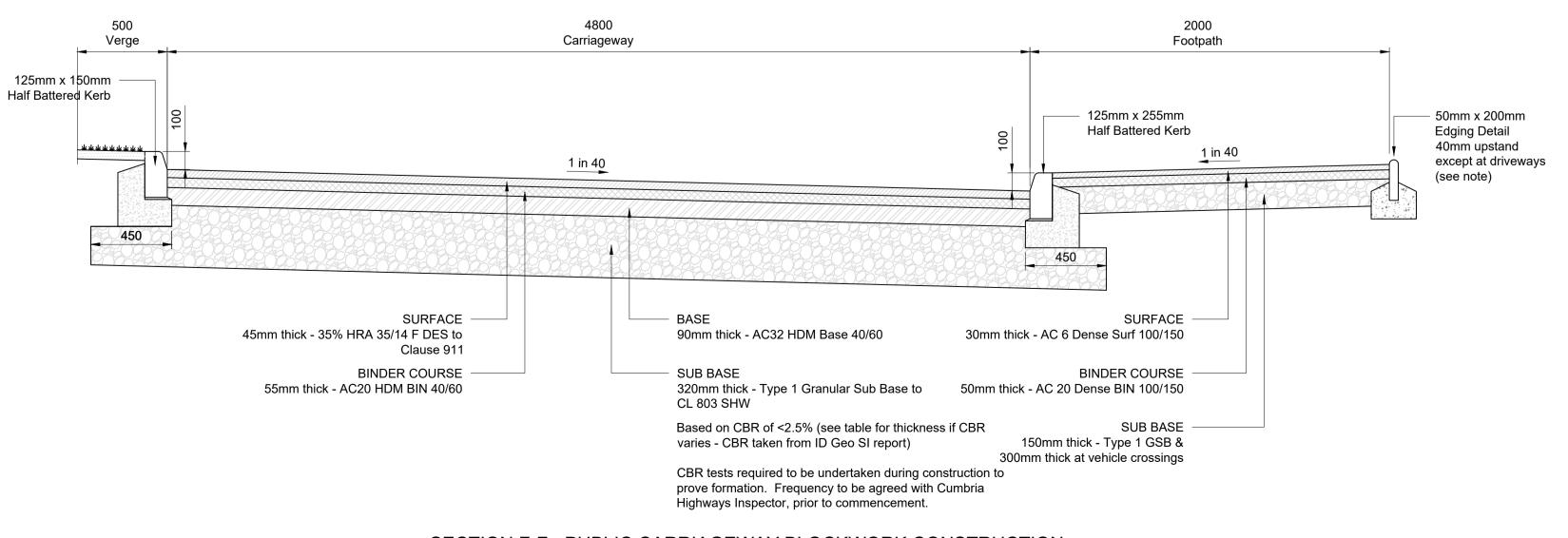
DO NOT SCALE

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# SECTION E-E - PUBLIC CARRIAGEWAY FLEXIBLE CONSTRUCTION **SCALE 1:20**



#### SECTION F-F - PUBLIC CARRIAGEWAY BLOCKWORK CONSTRUCTION SCALE 1:20



## SECTION F-F - PUBLIC CARRIAGEWAY BLOCKWORK CONSTRUCTION

SCALE 1:20

#### Notes:

- 1. All dimensions are in millimetres unless otherwise shown.
- All highway works shall be in accordance with Cumbria County Council Specification for Residential Road Construction
- 3. The final thickness of sub-base materials required shall be determined by on site tests to the approval of the Engineer Soft spots below formation and unsatisfactory sub-grade materials shall be excavated and replaced with
  - 4. Bitumen Materials shall comply with BS EN 13108-1.
  - Refer to drawing 7843 / 03 for location of cross sections.

selected fill Type 1 material to formation level.

- 6. Kerb Face for Vehicular Crossing = 25 Kerb Face for Pedestrian Crossing - 6 (maximum)
- 7. Tack coat between all layers: C40B4 Bituminous spray (0.3kg/m²)
- All highway drains (including manholes, pipes, pipe fittings, bedding and surround) to be constructed in accordance with United Utilities current Specification and Standard/Typical Details.
- 9. All highway sewer and highway drain trenches (above the pipe bedding to the underside of the carriageway construction) will be backfilled with Granular Sub-Base Type 1.

Design based on Layout: Edgehill Park Phase 4, Block Plan, Dwg No. 66D-STO-005 Rev: N Grid/Level datum based on Topo:

Edgehill Park, Whitehaven. Topographical Survey. Dwg No. 230720-EHP-SH-TOPO-001

Coopers Drawing List:

Rev: -

7843 / 01 Proposed Drainage Layout

7843 / 02 Proposed Highway Setting Out

7843 / 03 Proposed Highway Layout

7843 / 04 Proposed Highway and Drainage Longsections

7843 / 05 Highway Construction Details 7843 / 06 S38 Agreement Plan

7843 / 07 External Works Layout

7843 / 08 Private Drainage Layout

7843 / 09 Drainage Construction Details.

7843 / 10 Manhole Schedules

7843 / 11 Surface Water Manhole Details

7843 / 12 Foul Manhole Details

7843 / 13 Flow Control Manhole Details 7843 / 14 Surface Water Catchment Areas

7843 / 15 Surface Water Attenuation Pond Details

7843 / 16 Proposed Cut and Fill Earthworks 7843 / 17 Proposed Surface Finishes

7843 / 18 S104 Sewer Easement Plan

TENDER

SUB BASE / CAPPING REQUIREMENTS ≤ 2.5% 150mm Type 1 Sub Base Material & 450mm Capping Material 2.5% - ≤ 5.0% 150mm Type 1 Sub Base Material & 450-300mm Capping Material 5.0% - ≤ 15% 320-250mm Type 1 Material > 15% 250mm Type 1 Material

As agreed with Story Homes, Flush flat top at driveways. ER

with 40mm upstand elsewhere (Provide tapping rail for

All edging kerbs at driveways to be EF (flush flat top)

## Notes:

1. All dimensions are in millimetres unless otherwise shown.

**EDGING KERB NOTE:** 

visually impaired).

- All highway works shall be in accordance with Cumbria County Council Specification for Residential Road Construction
- 3. The final thickness of sub-base materials required shall be determined by on site tests to the approval of the Engineer Soft spots below formation and unsatisfactory sub-grade materials shall be excavated and replaced with selected fill Type 1 material to formation level.
- 4. Bitumen Materials shall comply with BS EN 13108-1.
- 5. Refer to drawing 7843 / 03 for location of cross sections.
- Kerb Face for Vehicular Crossing = 25 Kerb Face for Pedestrian Crossing - 6 (maximum)
- 7. Tack coat between all layers: C40B4 Bituminous spray (0.3kg/m²)
- All highway drains (including manholes, pipes, pipe fittings, bedding and surround) to be constructed in accordance with United Utilities current Specification and Standard/Typical Details.
- 9. All highway sewer and highway drain trenches (above the pipe bedding to the underside of the carriageway construction) will be backfilled with Granular Sub-Base Type 1.



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EDGEHILL PARK, CUMBRIA, PHASE 3B

Highway Construction Details Sheet 2 of 2

DRAWING NUMBER SCALE at A1 1:20 24.04.23 | REVISION DATE 7843 / 05-2 DRAWN PJN CHECKED AJ