

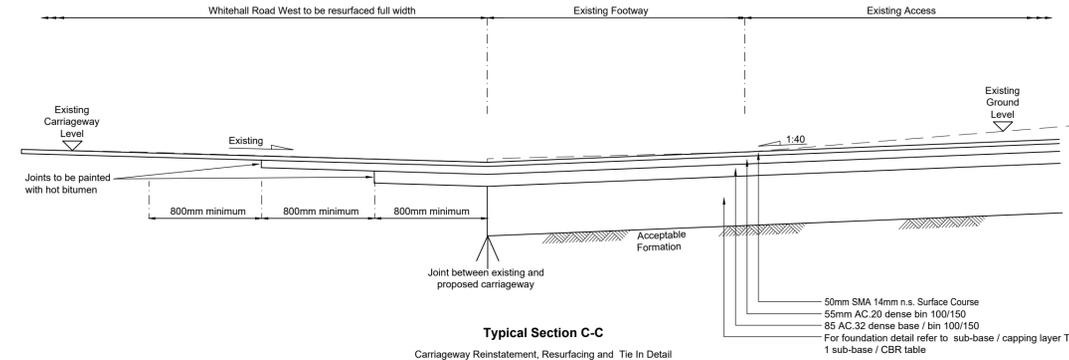
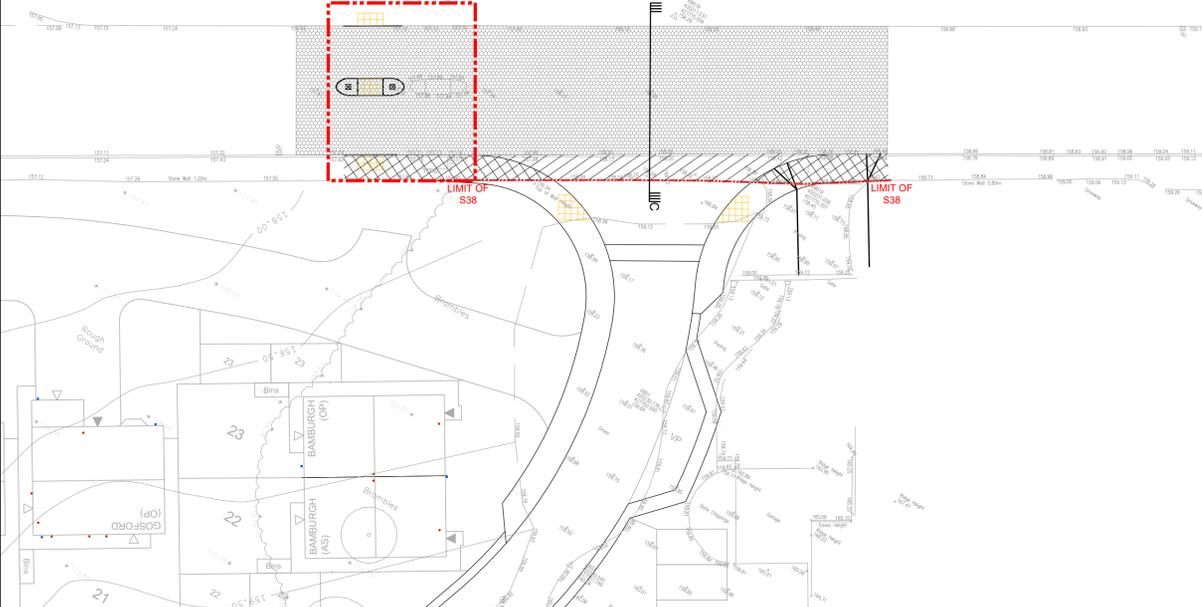
- KEY:**
- Traditional Estate Road Carriageway Construction**
    - 50mm SMA 14mm n.s. Surface Course
    - 55mm AC.20 dense bin 100/150
    - 85mm AC.32 dense base / bin 100/150
    - For foundation detail refer to sub-base / capping layer Type 1 sub-base / CBR table
  - Flexible Footway Construction**
    - 25mm AC.6 dense surf 100/150
    - 40mm AC.20 dense bin 100/150
    - 100mm D.O.T Type 1 granular sub-base
  - Carriageway Reinstatement / Resurfacing Detail**
    - Minimum 800mm wide lap lengths
    - 50mm SMA 14mm n.s. Surface Course

Approximate Area of work to be carried out under a Section 278 Agreement and delivered by Kirklees Council.

Works to include the removal of the existing traffic island and make good carriageway surface. Provision of the new pedestrian traffic island dropped crossings, associated kerbing, tactile paving and make good of carriageway surfacing.

THE HOUSING LAYOUT SHOWN ON THIS PLAN IS TAKEN FROM ORION HOMES PROPOSED SITE LAYOUT REF. 'Layout X' PROVIDED ON THE 02 JULY 2025.

THE TOPOGRAPHICAL SURVEY SHOWN ON THIS PLAN IS TAKEN FROM STAMFORD GEOMATICS LTD TOPOGRAPHICAL SURVEY REF: 2797/001 DATED 13 MARCH 2024.



**Typical Section C-C**  
Carriageway Reinstatement, Resurfacing and Tie In Detail  
Scale - 1 : 25

Pavement Foundation Design Local Residential Street / Traditional Estate Road (Type B)		CBR %						
		< 2.5	2.5 to 3.0	3.0 to 4.0	4.0 to 5.0	5.0 to 15.0	> 15.0	
Sub Base Only	Sub Base (Type 1) Depth	Ground remediation required to improve sub-grade CBR	450	420	370	330	280*	
OR	Sub Base (Type 1) Depth		350	320	280*	280*	280*	
Sub Base on Capping	Capping Depth		250	240	230	210	150	

\* Minimum required type 1 sub base depth to achieve 450mm of non-frost susceptible material.

Pavement Foundation Design Shared Surface Street (Type C) Mews Court (Block Paved)		CBR %						
		< 2.5	2.5 to 3.0	3.0 to 4.0	4.0 to 5.0	5.0 to 15.0	> 15.0	
Sub Base Only	Sub Base (Type 1) Depth	Ground remediation required to improve sub-grade CBR	450	420	370	330	200*	
OR	Sub Base (Type 1) Depth		350	320	270	240	200*	
Sub Base on Capping	Capping Depth		250	240	230	210	150	

\* Minimum required type 1 sub base depth to achieve 450mm of non-frost susceptible material.

**NOTES:**

- CBR testing should comprise 450mm or 600mm diameter Plate Bearing Tests. Until test results are available, the developer should assume a highway pavement foundation design (See Table) appropriate for a CBR of 2.5%.
- For highway foundation pavement construction, the lowest CBR test result shall be used for design.
- Where CBR values of less than 2.5 are recorded a ground remediation/ improvement strategy will be required to improve the subgrade CBR. No works shall take place until such remediation strategy has been approved. Add a warning note to all relevant drawings.
- Test certificates are required for all tests undertaken.
- The Kirklees S38 inspector shall be given reasonable advanced notice of the proposed dates and times for site CBR testing.
- All earthworks are to be carried out in accordance with Specification for Highway Works Series 600 Earthworks (SHW).
- Failure to comply with the above requirements, may result with an extended maintenance period or prevent adoption under any proposed S38 agreement

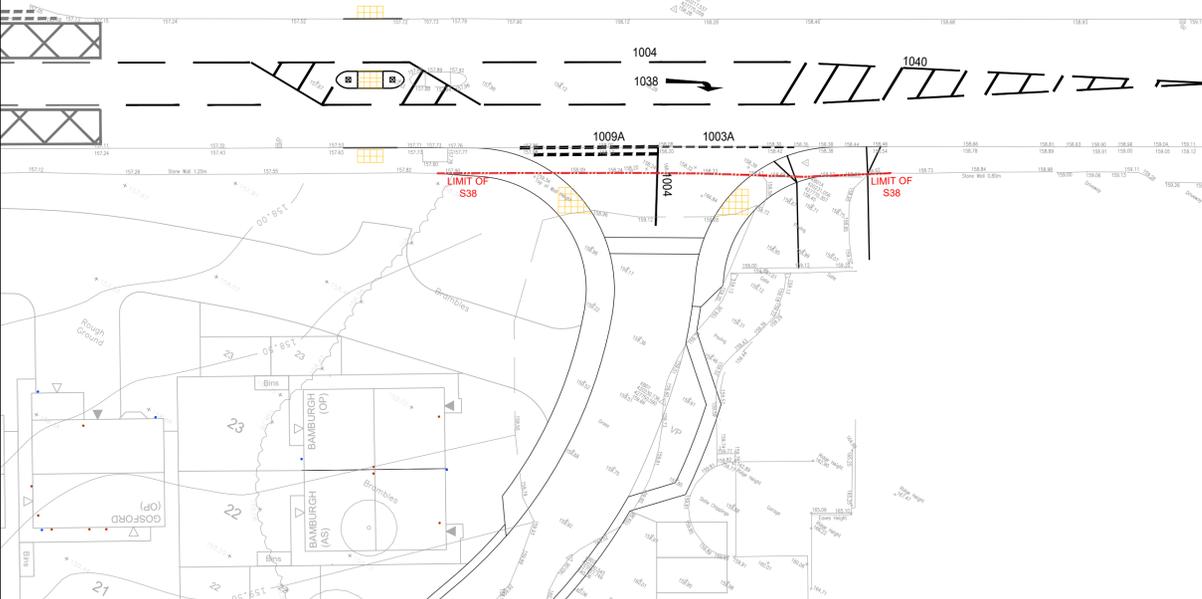
- ROAD MARKING KEY:**
- 1003A - 600mm line 300mm gap 200mm wide
  - 1004 - 4000mm line 2000mm gap 100mm wide
  - 1009A - 600mm line 300mm gap 100mm wide
  - 1038 - Arrow 4000mm long
  - 1039 - Bifurcation arrow 8000mm long
  - 1040 - Hatching 150mm continuous white line at 3000mm centres

**NOTES**

- All road signs and road markings to be in accordance with "The Traffic Signs Regulations and General Directions 2002".
- All proposed road markings are to be thermoplastic screed with glass beads and laid in accordance with clause 1212 of the Specification for Highway Works.
- All road markings removed due to resurfacing that are to remain are to be reinstated.

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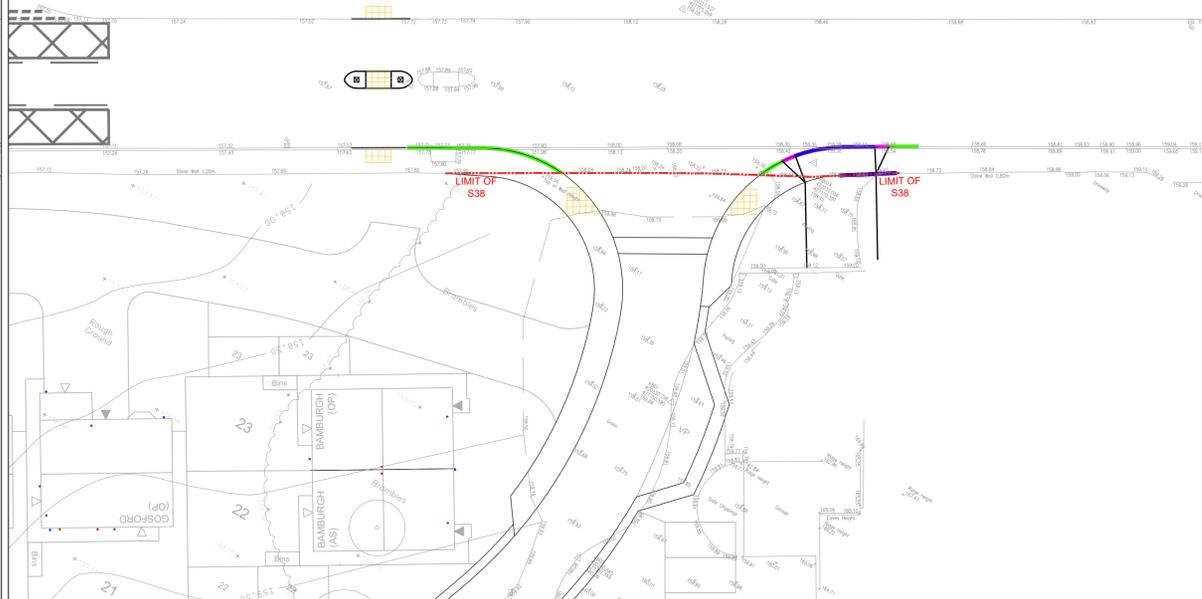
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- KEY:**
- K1 - 125 x 255mm PCC Half Battered Kerb - 100mm upstand
  - K2 - Transition Kerb
  - K3 - 125 x 150mm PCC Bull Nose Kerb Pedestrian Crossing - 0-6mm upstand
  - K4 - 125 x 150mm PCC Bull Nose Kerb - 30mm upstand
  - K5 - 125 x 255mm PCC Bull Nose Kerb
  - C1 - 150 x 150mm Channel Kerb
  - E1 - 50 x 150mm PCC Flat Top Edging Kerb

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Rev:	A	07.11.25	Plans updated in accordance with comments received from Kirklees Council 07 November 2025	IE
Date:	Amendment:			DRN
				CHK
				APR

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Client: Orion Homes

Status:

Scale: 1:250  
Size: A1 - 841 x 594  
Drawn: IE  
Chkd: NB  
Appvd:

Project: Residential Development, Whitehall Road West, Birkenshaw

Title: Work in Existing Highway Area (Section 278)

Drawing No: 23/341/278/001  
Job No: 23-341  
Revision: A  
Date: 14.10.25

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