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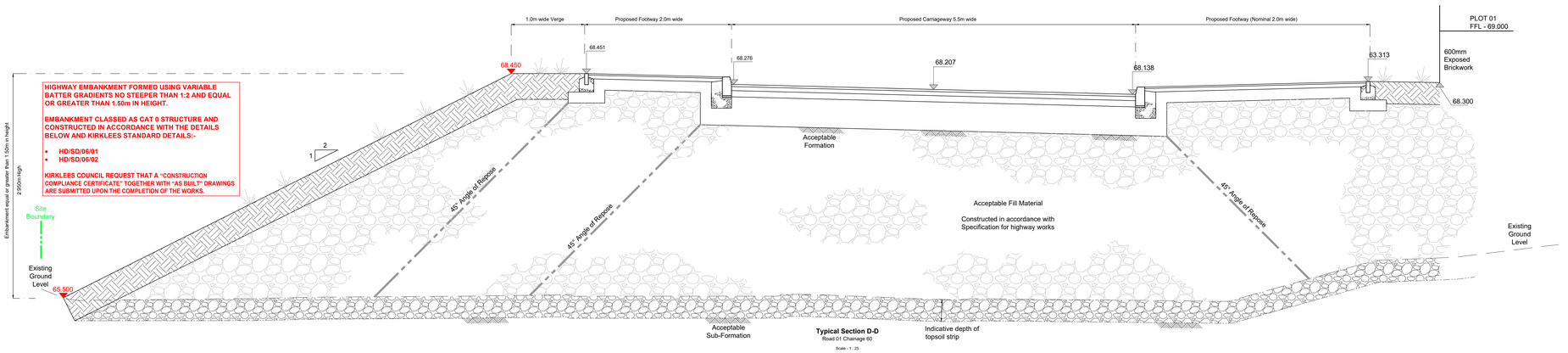
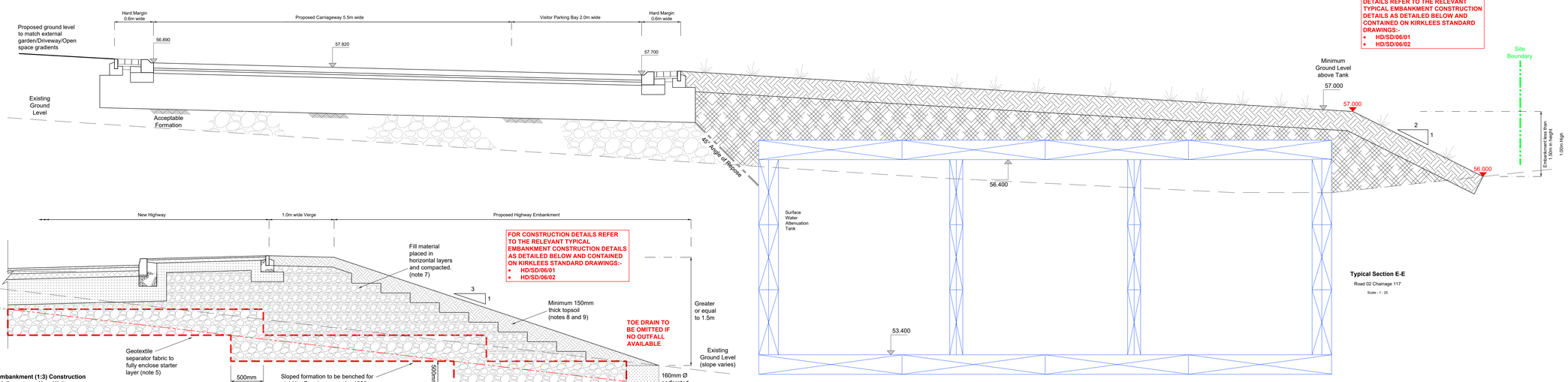
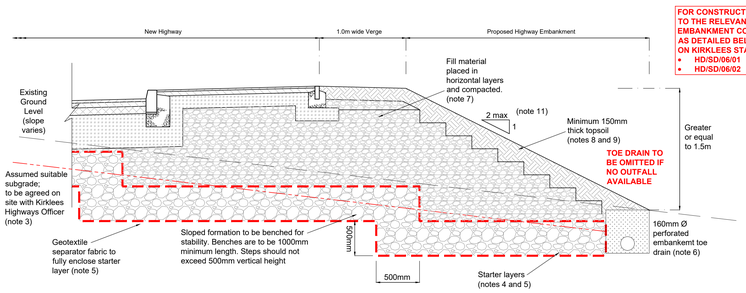


Typical Section D-D
Road 01 Chainage 60
Scale - 1 : 25



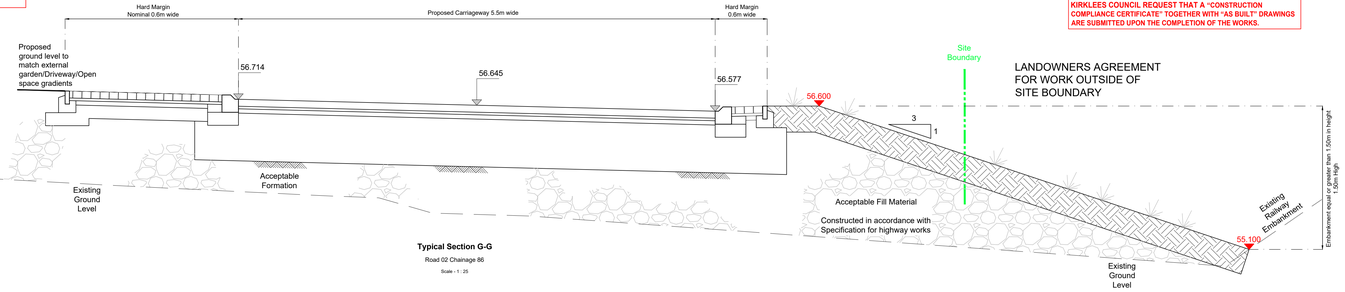
Typical Section E-E
Road 02 Chainage 117
Scale - 1 : 25

Typical Embankment (1:3) Construction Detail Adjacent to a New Highway
Scale - 1 : 25

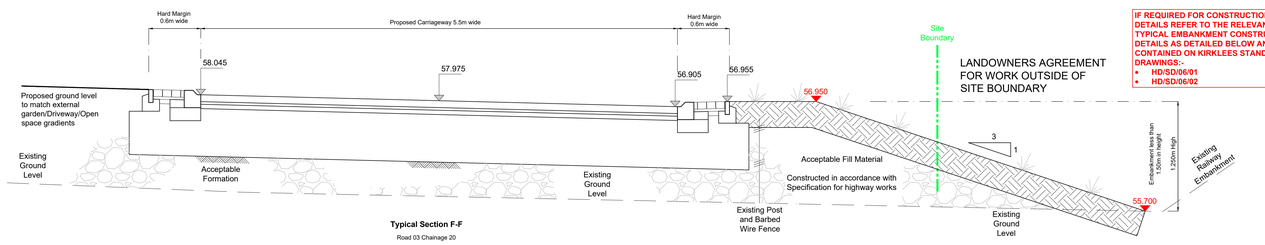


Typical Embankment (1:2 max) Construction Detail Adjacent to a New Highway
Scale - 1 : 25

1. All earthworks to be carried out in accordance with Specification for Highway Works Series 600 Earthworks.
2. Max slope gradient shall be limited to 1:3 for non maintainable landscape surfaces. The slope gradient would have to reduce to 1:8 for managed turfed areas where grass cutting is required. Slopes to receive topsoil shall be prepared in accordance with SHW, series 600, Clause 603.7 (i). Slopes to receive topsoil shall be benched for stability.
3. All soft spots shall be excavated and all soft material to be replaced with Class 1A, 1B, 6F2 or 6F5. Where CBR <2.5% further ground improvement will be required.
4. Starter layers of Class 6B, 6C or 6D shall be deposited as the first layer or layers of fill above existing ground level or, if appropriate, above any ground improvement. Refer to SHW Clause 608.2.
5. Starter layers to be fully enclosed with geotextile separator fabric (e.g. Terram 1000 or similar approved) to maintain permeability. At joints the overlap in the fabric should be 500mm minimum.
6. Perforated pipe surrounded in SHW Series 500 Type B filter material wrapped in geotextile separator fabric (e.g. Terram 1000 or similar approved) and taken to a suitable outfall
7. Fill materials of Class 1A, 1B, 1C, 2A, 2B, 2C, 6B, 6C, 6D, 6F2 and 6F5 are permitted for use. All fill materials to be placed and compacted in accordance with SHW Series 600
8. Topsoil to be deposited/spread in layers not exceeding 150mm and shall be carried out using Class 5 material complying with SHW series 600, Clause 618.
9. Finished levels of topsoil are to be tied into adjoining soil areas.
10. The highway boundary would only be along the rear face of the burr wall if it is determined to be a highway burr wall maintainable by the highway authority, otherwise it would be along the traffic side of the burr wall if deemed to be a private structure.
11. Max slope gradient shall be limited to 1:2. The slope gradient would have to reduce to 1:8 for managed turfed areas where grass cutting is required. Slopes to receive topsoil shall be prepared in accordance with SHW, series 600, Clause 603.7 (i). Slopes to receive topsoil shall be benched for stability. The design of slopes steeper than 1:2 shall be subject to a formal Technical Approval via submission of an Approval In Principle (AIP) document.



Typical Section G-G
Road 02 Chainage 86
Scale - 1 : 25



Typical Section F-F
Road 03 Chainage 20
Scale - 1 : 25

Rev:	Date:	Amendment:	DRN	CHK	APR
D	27.11.26	Notes added to section D-D relating to highway embankment equal or greater then 1.5m in height and dimensions added for embankment heights	IE		
C	27.10.26	Typical embankment (1:2) construction detail added	IE		
B	26.10.26	Typical embankment construction detail added	IE		
A	23.07.26	Updated to comment received form Kirklees Council 16 July 2026. Works added on Northorpe Lane relating to new access	IE		

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Client: Charford Homes

Status:

Scale: 1:250 | Drawn: IE | Chkd: NB | Apprvd: JP
Size: A0 - 1189 x 841

Project: Residential Development Northorpe Lane, Mirfield

Title: Typical Sections and Construction Details

Sheet 2 of 2

Drawing No: 25/376/700/003 | Revision: D
Job No: 25-376 | Date: 13.01.25

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