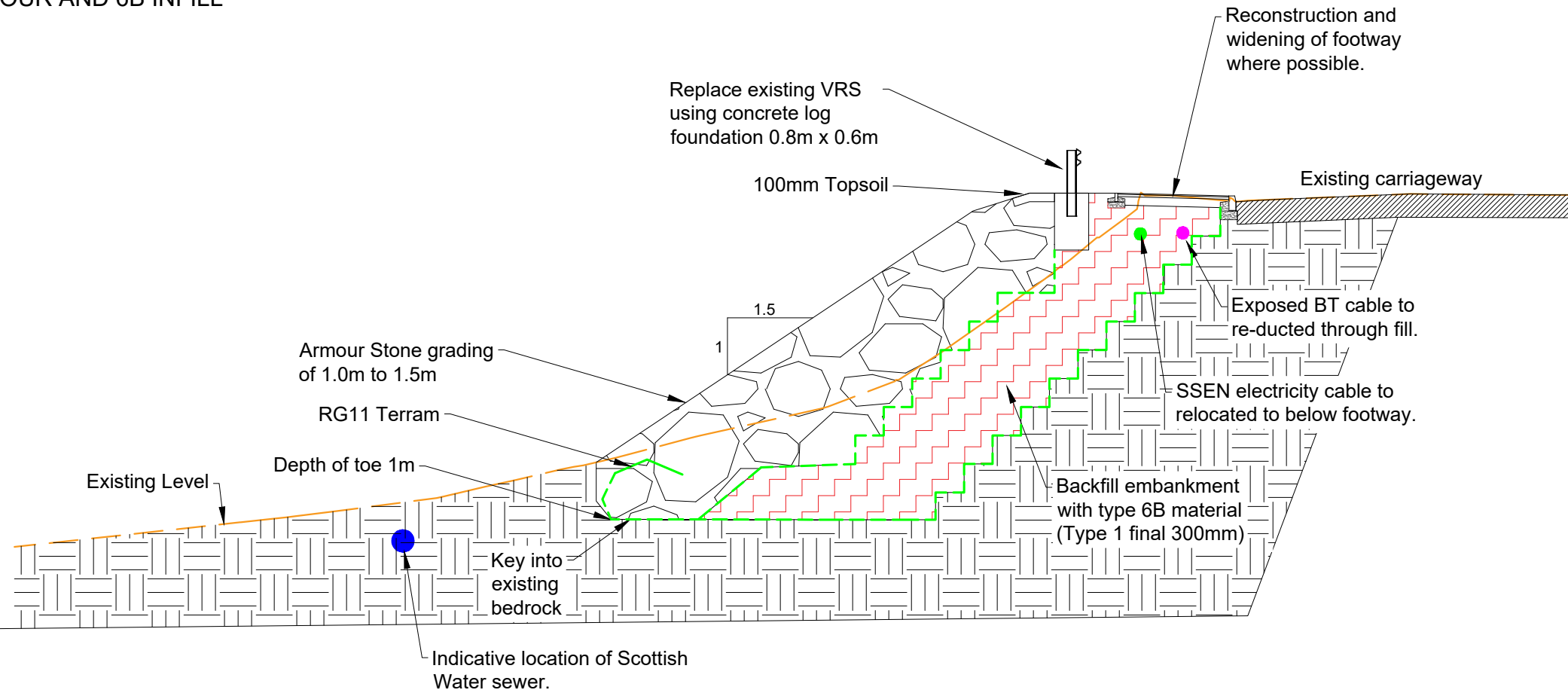
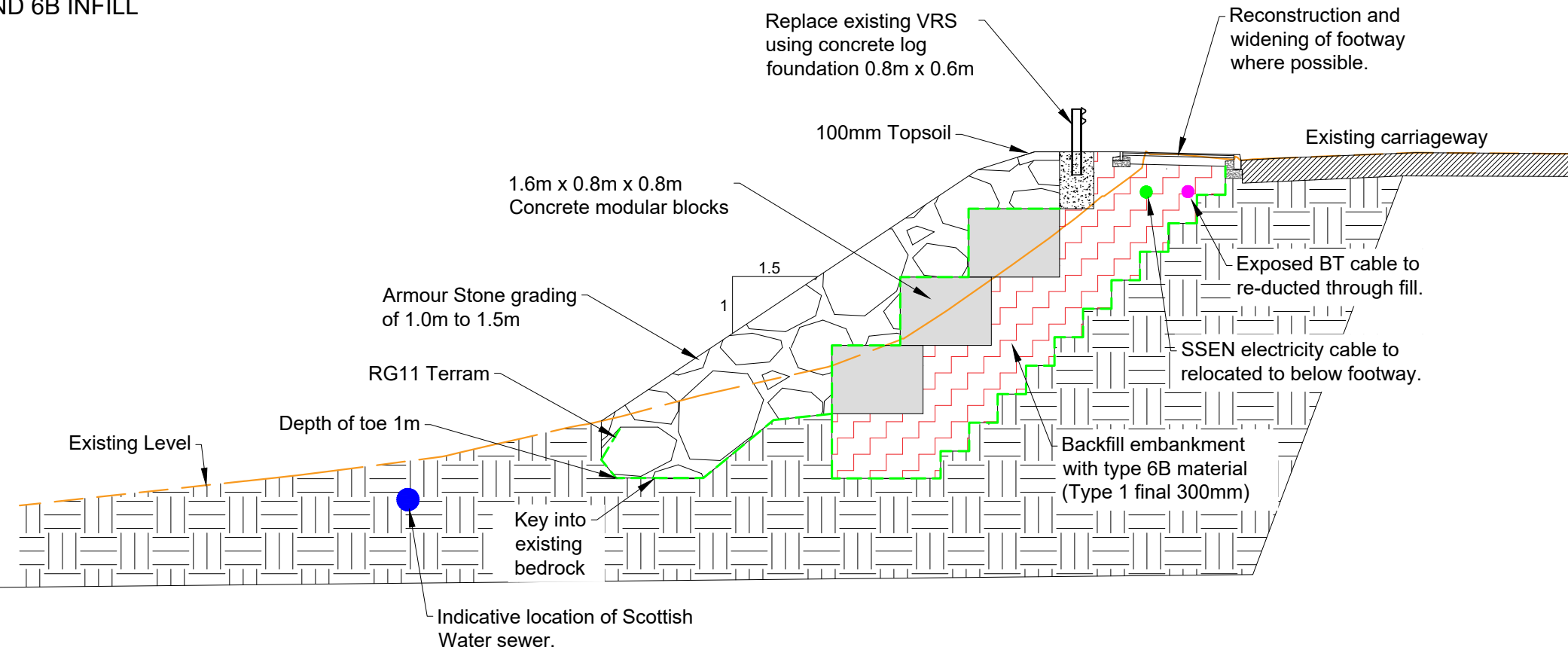


**OPTION 1**  
ROCK ARMOUR AND 6B INFILL



**OPTION 2**  
ROCK ARMOUR, MODULAR BLOCKS AND 6B INFILL



Drawing Number  
23-NW-0309-14-003

- General**
1. Reference should be made to Designer's Risk Register
  2. Site Environmental Management Plan should be adhered to at all times
  3. Contractor shall consult service plans prior to commencement of works and liaise with the relevant authorities for the protection of service.
  4. Bog mats to be utilised on the shoreline to spread any loading away from the underground sewer.
  5. BT Openreach will be present on site to supervise works surrounding BT apparatus. Excavations should be benched to avoid any slewing action - protecting the cable ducts.

- Imported Fill**
6. Testing & grading should be in accordance with SHW Tab 6/1.
  7. 6B fill shall be modified from SHW Table 6/2 to 200mm to 300mm.
  8. Armour stone grading to be 1m to 1.5m.

- Geotextile**
9. Geotextile to have minimum CBR resistance of 11kN and minimum tensile strength of 60kN/m.

- SPR4 Barrier**
11. Foundation will comprise a 0.6m x 0.6m x 15m bay concrete log with 450mm sockets cast in. Expansion joints to be installed every 15m.
  12. Barrier mounting height must be 610mm (±30mm) to centre of beam from verge level.
  13. Refer to the guidance drawings and documents provided from Hill & Smith regarding installation and testing: PD-CEGRSB100, FBGA090 and FBGA091
  14. Bolt on Hazard Markers to be installed at 9m crs. throughout. (75mm min reflector dia.)
  15. All new terminals to be TREND P4, 12m in length. Refer to the provided Hill & Smith TREND CEN End Terminal documents and drawings: Product Description Installation Manual, Anchorage guidelines and DWG615794. Concrete level to be below road level for TREND P4 Terminal as per drawing DWG615794.

- Culvert Headwall**
16. Headwall to have min. backwall height of 1.65m and have chamfered wingwalls
  17. Sloped grating, flap valve and guardrail to be provided.


Do not scale this drawing

Revision	Date	Amendments	Drwn	Chkd


Status  
FOR INFORMATION

Revision  
00

Client/Overseeing Organisation



Operating Company



Route / Contract  
A82 AUCHINTORE ROAD  
NMC CONTRACT

Project  
EMBANKMENT WIDENING AND VRS IMPROVEMENTS  
TYPICAL CROSS SECTIONS

Drawing No.	23-NW-0309-14-003				
Scale	1:100 @ A3 Unless Stated Otherwise	Date	21/05/2024		
Designed	CS	Drawn	CS	Checked	SD
					Approved