



Typical Construction Details For Re-profiling Ground Adjacent To An Existing Highway (NTS)

NOTES

1. All dimensions are in millimeters unless stated otherwise.
2. All earthworks to be carried out in accordance with Specification for Highway Works Series 600 Earthworks.
3. 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 (ii) and (iii a), and include a free draining seeded erosion control blanket.
4. 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.
5. 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.
6. 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.
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 150 mm and shall be carried out using Class 5 material complying with SHW series 600, Table 6/1 and Clause 618.
9. Finished levels of topsoil are to be tied into adjoining soil areas.
10. The requirement for benching beyond the highway boundary may be mitigated if the void created by the removal of burr wall is backfilled with concrete (e.g. pre-cast interlocking concrete blocks). Any temporary works to support the existing highway during this operation shall be agreed with Kirklees Highways.
11. The highway boundary would only be along the rear face of the burr wall if the wall 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.

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