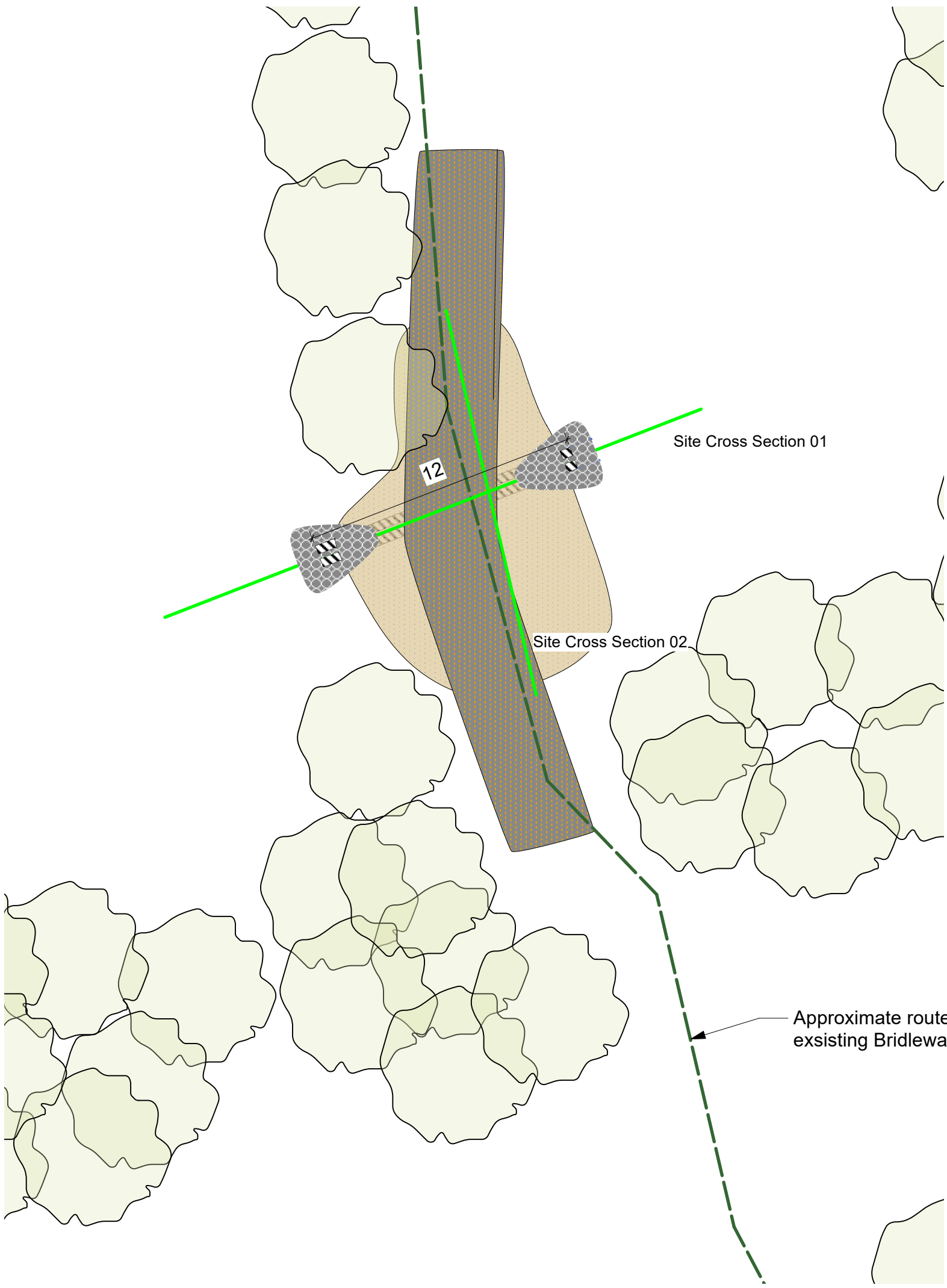
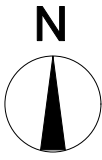


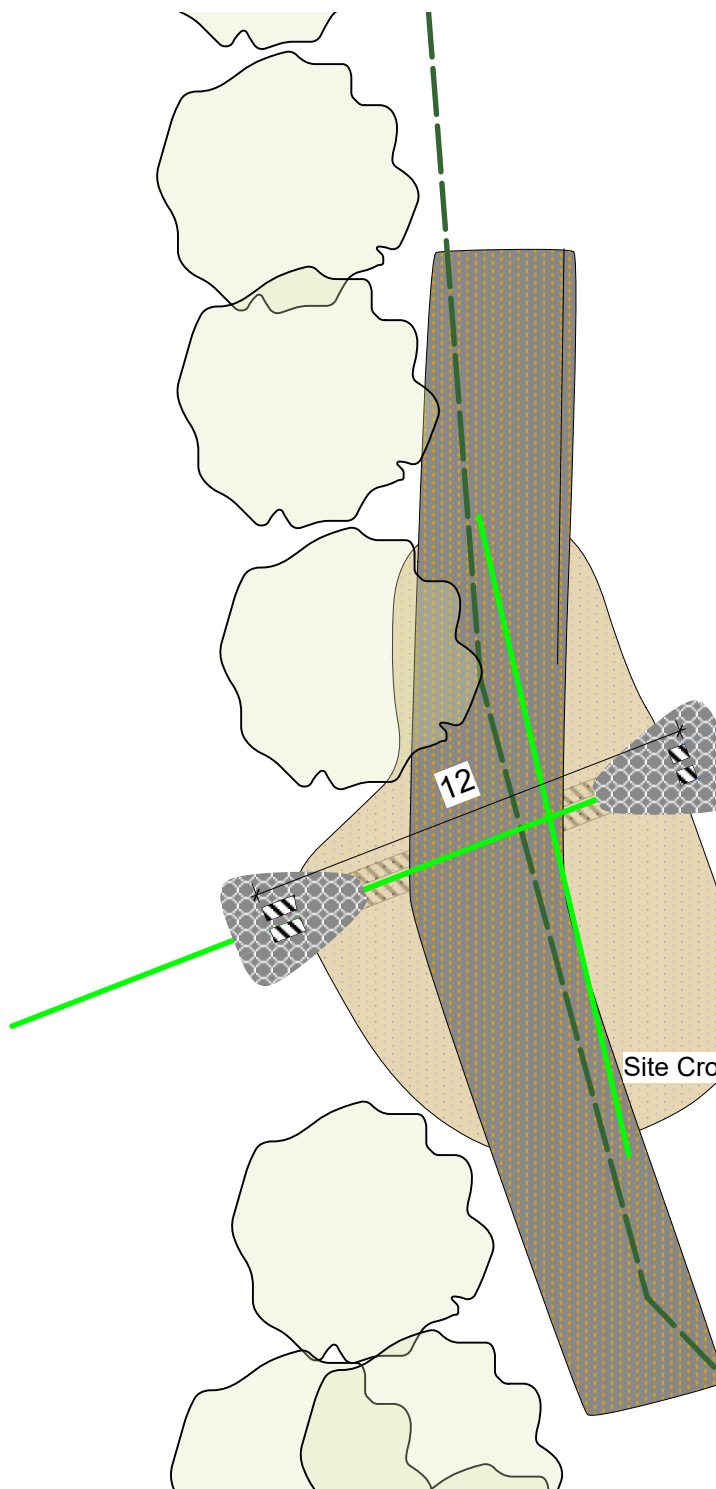


1 WILT18 Top/Plan
Scale: 1:200



Key

- Type 1 - SHW Clause 803 compliant
- Site-won infill - SHW Series 600 compliant
- Granular material complying with SHW Class 6N
- Twin wall pipe complying to BS EN 1295 - 1
- Riprap, 150 - 300 mm angular quarried stone

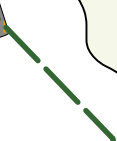


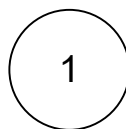
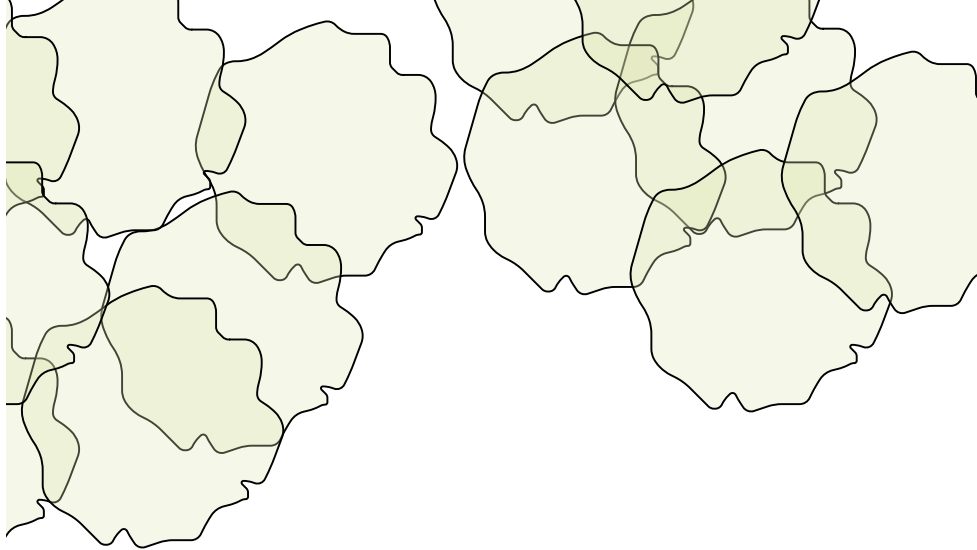


Site Cross Section 01



ss Section 02

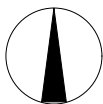




WILT18 Top/PI

Scale: 1:200

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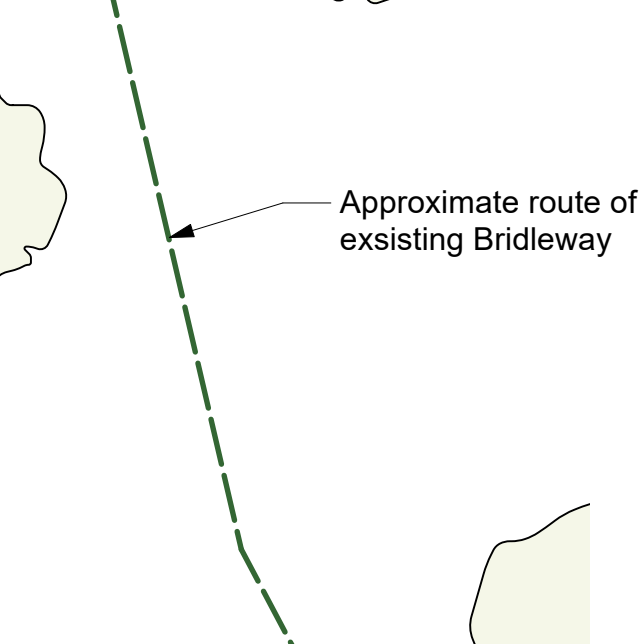
2

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12

17





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22 m



Key



Type 1 - SHW Clause 803 compliant



Site-won infill - SHW Series 600 compliant



Granular material complying with
SHW Class 6N



Twin wall pipe complying to
BS EN 1295 - 1



Riprap, 150 - 300 mm angular quarried stone

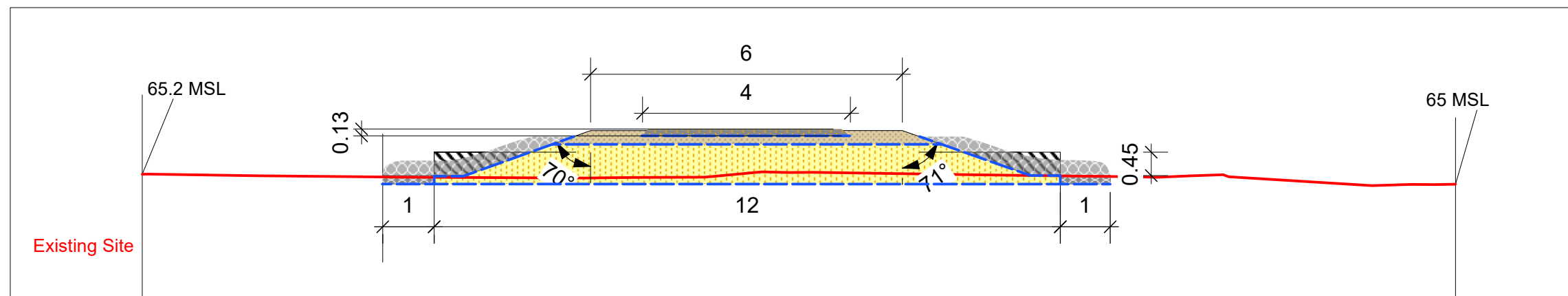
DWG. NO.

WILT18 Bridleway Improvements

SHEET

Sht-2

REV



1 WILT18 Cross Section 01
Scale: 1:100

0 2 7 12 17 22 m

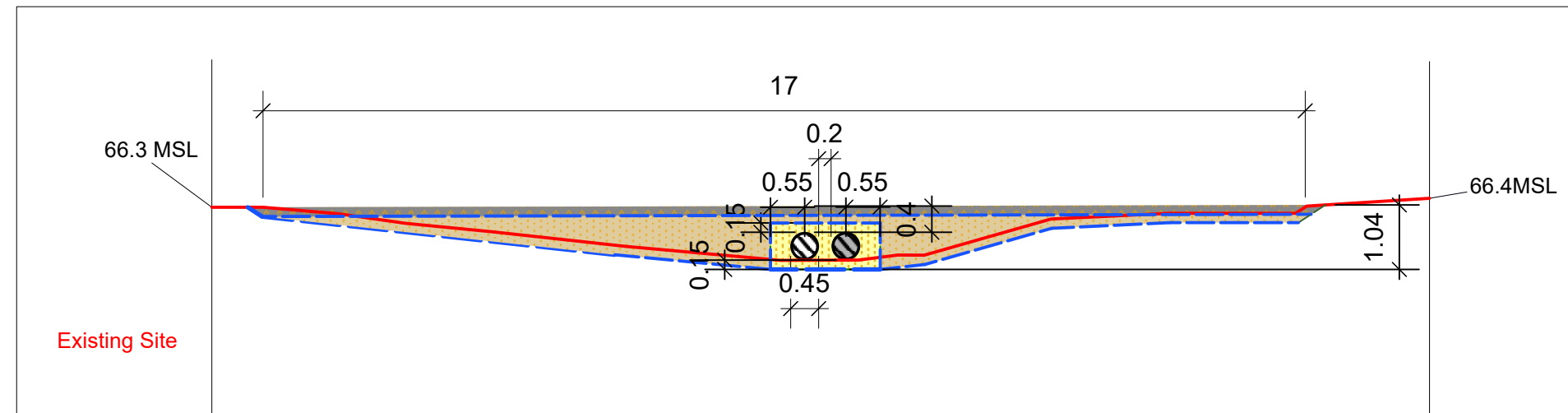


Key

- Geotextile
- Type 1 - SHW Clause 803 compliant
- Site-won infill - SHW Series 600 compliant
- Granular material complying with SHW Class 6N
- Existing ground level
- Twin wall pipe complying to BS EN 1295 - 1
- Riprap, 150 - 300 mm angular quarried stone

General Notes

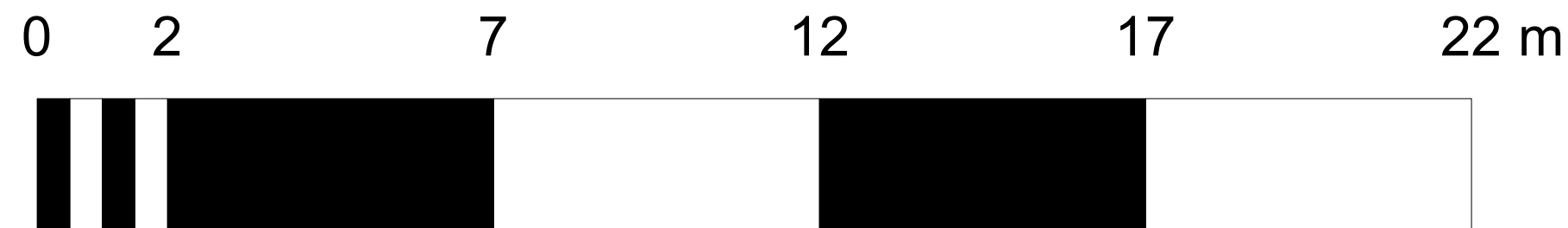
1. A non-woven geotextile membrane complying with BS EN 13252 shall be installed beneath the culvert embankment, beneath inlet and outlet scour protection, and at interfaces between dissimilar materials. The membrane shall be laid wrinkle-free on the prepared formation with a minimum overlap of 300 mm and protected from damage during placement of fill materials.
2. All pipe bedding, surround and backfill materials shall comply with the Specification for Highway Works (SHW) Series 500 and shall be placed in accordance with pipe manufacturer's recommendations.
3. Selected site-won fill complying with SHW Series 600. Topsoil, organic material, roots and unsuitable material to be excluded. Fill placed in layers not exceeding 200 mm and compacted to 95% MDD.
4. All topsoil, organic and unsuitable material beneath the embankment footprint removed to a depth of 150 mm. Geotextile separation membrane (Terram or approved equivalent) laid over prepared formation prior to placement of granular fill.
5. Pipe bedding and surround shall comprise of SHW Class 6N selected granular material extending continuously along the full width of the culvert. The surround shall extend from the bedding layer to a minimum of 150 mm above the pipe crown and a minimum of 150 mm beyond each side of the pipe barrel.
6. 300 mm thick riprap scour protection to comprising of clean, durable, frost-resistant angular quarried rock (150-300 mm nominal size, minimum specific gravity 2.5) laid on a geotextile filter membrane complying with BS EN 13252. Riprap shall extend a minimum of 1.0 m upstream and 1.0 m downstream of the culvert and be keyed into the embankment slopes around the pipe ends to prevent erosion and washout.
7. Shallow 70 degrees slope to allow compaction using suitable light weight compaction equipment in accordance with SHW Series 600
8. All dimensions shown in meters, unless otherwise stated.



Key

-  Geotextile
-  Type 1 - SHW Clause 803 compliant
-  Site-won infill - SHW Series 600 compliant
-  Granular material complying with SHW Class 6N
-  Existing ground level
-  Twin wall pipe complying to BS EN 1295 - 1

1 WILT18 Cross Section 02
Scale: 1:100



General Notes

1. A non-woven geotextile membrane complying with BS EN 13252 shall be installed beneath the culvert embankment, beneath inlet and outlet scour protection, and at interfaces between dissimilar materials. The membrane shall be laid wrinkle-free on the prepared formation with a minimum overlap of 300 mm and protected from damage during placement of fill materials.
2. All pipe bedding, surround and backfill materials shall comply with the Specification for Highway Works (SHW) Series 500 and shall be placed in accordance with pipe manufacturer's recommendations.
3. Selected site-won fill complying with SHW Series 600. Topsoil, organic material, roots and unsuitable material to be excluded. Fill placed in layers not exceeding 200 mm and compacted to 95% MDD.
4. All topsoil, organic and unsuitable material beneath the embankment footprint removed to a depth of 150 mm. Geotextile separation membrane (Terram or approved equivalent) laid over prepared formation prior to placement of granular fill.
5. Pipe bedding and surround shall comprise of SHW Class 6N selected granular material extending continuously along the full length of the culvert. The surround shall extend from the bedding layer to a minimum of 150 mm above the pipe crown and a minimum of 150 mm beyond each side of the pipe barrel.
6. All dimensions shown in meters, unless otherwise stated.