

Storm Water Attenuation Tank Details

- A. Max burial depth to invert level of Polystorm System is 3.0m and may vary depending on the soil type and local ground conditions.
- B. Max load bearing for Polystorm System is 40 tonnes per sq meter. Warning sign shall be located in most visible position available on site.
 C. Class H6 selected granular material (with 100%)
- C. Class H6 selected granular material (with 100% passing a 5mm sieve), in accordance with the NRA Manual of Contract Documents for Road Works (MCDRW), Volume 1, Series 600.
- D. Backfill with Class 1 or 2 material in accordance with (NRA MCDRW), Volume 1, Series 600. Backfill material shall be placed and compacted in layers not greater than 150mm.
- E. Geotextile installation: All joints shall be sealed, using proprietary methods approved by the manufacturer. Sheets shall be large enough such
- that they can overlap the edge of the modules.

 F. There must be a maintenance plan that ensures regular cleaning of the silt trap to ensure correct performance.

Notes

- 1. For Planning purposes only.
- This drawing shall be read in conjunction with all other drawings, reports and specifications.
- Unless otherwise indicated, all dimensions are in metres and all levels are in metres relative to Ordnance datum at Malin Head'
- Do not scale off this drawing. Use figured dimensions only and contact the Clients Representative where any clarification is required.
- Layout and size of drainage elements subject to minor changes pending detail design and the outcome of site investigations (including Infiltration testing in accordance with BRE Digest 365)

Key to symbols

Reference drawings

229100591-MMD-01-XX-DR-D-1310
229100591-MMD-01-XX-DR-D-1311
229100591-MMD-01-XX-DR-D-1312
229100591-MMD-01-XX-DR-D-1313
Tonroe substation - Proposed Drainage Layout
Typical Drainage Details - Sheet 1 of 4
Typical Drainage Details - Sheet 2 of 4
Typical Drainage Details - Sheet 3 of 4

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Client



North Connacht 110kV Project

110kV Substation
Typical Drainage Details
Sheet 4 of 4

 Designed
 P.McWilliams
 Eng check
 D.Murphy

 Drawn
 E.Richardson
 Coordination
 P.Foley

 Dwg check
 D.Murphy
 Approved
 T.Keaane

 Scale at A1
 Status
 Rev
 Security

 1:50
 APR
 PL1
 STD

 Drawing Number

229100591-MMD-01-XX-DR-D-1314

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granular material (See Note C.) shall be placed

below tank geotextile