

Inspector Quantlist Report 20170720

Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division III: Aggregate Subbases and Aggregate Bases Subtitle: Geocomposite Wall Drain

Structure Name:
Structure Number:
Begin Station:
End Station:
Offset:
Structure Member:

No	Compliance	Narrative	Reference
0.		All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Recommended
1.		Certificate of Compliance is submitted for geocomposite wall drain materials.	Standard Specifications 106.05 Standard Specifications 1014-1 Standard Specifications 1014-6
2.		Certificate of Analysis is submitted for geocomposite wall drain materials and a representative sample of appropriate size for testing per lot.	Standard Specifications 106.05 Standard Specifications 1014-1 Standard Specifications 1014-6
3.		Geocomposite drain materials stored outdoors are elevated, tagged, and protected from the elements with a light color, opaque, waterproof cover.	Standard Specifications 203-5.02 (B) Standard Specifications 1014-1
4.		The concrete surface of the structure against which the geocomposite drain is to be placed, is free of soil, debris, and excessive irregularities (need continuous contact between the concrete surface and drain material).	Standard Specifications 203-5.03C
5.		Geocomposite drain material is not torn or damaged during installation or backfilling.	Standard Specifications 203-5.03C
6.		Geocomposite drains are installed at the correct height, spacing, and location.	Standard Specifications 203-5.03C
7.		The spacing of the concrete nails is no more than 4 feet apart vertically or horizontally.	Standard Specifications 203-5.03C

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8.		Geocomposite material is firmly secured by using adhesive or 1.5 to 2" concrete nails with washers or wood battens of not less than 4 square inches in area.	Standard Specifications 203-5.03C
9.		When nails are used, there is at least one horizontal row of nails in each course of geocomposite material.	Standard Specifications 203-5.03C
10.		The adhesive or alignment of the core does not affect the drainage area or downward flow within the core.	Standard Specifications 203-5.03C
11.		When perforations are made to the core, the fabric is not damaged in any way.	Standard Specifications 203-5.03C
12.		Horizontal seams are formed by using a 4" flap of geotextile extending from the upper geocomposite course and lapping over the top of the next lower course.	Standard Specifications 203-5.03C
13.		To prevent soil intrusion, all exposed edges of the geocomposite drainage core are covered by tucking the 4" fabric lap behind and over the core edge.	Standard Specifications 203-5.03C
14.		Vertical splices at the end of the geocomposite roll have an 8" wide continuous strip of geotextile fabric centered over the seam.	Standard Specifications 203-5.03C
15.		All joints are sealed with waterproof 3" wide tape.	Standard Specifications 203-5.03C
16.		If needed, the alternative method of splicing is used correctly.	Standard Specifications 203-5.03C
17.		Geocomposite drain material is always interlocked in the direction of water flow.	Standard Specifications 203-5.03C
18.		The 3" PVC drain pipe (weep holes) are installed every 10 feet with 1/2 inch slope per foot.	Structure Detail Drawings SD 7.01-5
19.		Geocomposite materials are not exposed to sunlight for more than 14 days after installation.	Standard Specifications 203-5.02B Standard Specifications 203-5.03 (C)
20.		Quantlist Minimum Frequency is being followed, one per Wall Reference number.	Construction Bulletin 07-01