(M - 1) Diversion Structure At SWM Facility No. 4

5'-0" STANDARD MANHOLE (G 5.1.1)

SECTION

BIORETENTION

TYPICAL

NOT TO SCALE
6. PIPE CONDUIT

All pipe shall be circular in cross section. All perforated pipe shall have a minimum of 0.25" perforations that shall be spaced uniformly across the length of the pipe. All joints shall be made to the standard procedures as outlined in Section 14 of this specification. All pipe shall be of the same size and shall not vary in diameter by more than 0.5%. The joints shall be constructed and grouted as shown in Section 14 of the submittal. All pipe shall be proof tested in accordance with ASME A112.18.1 and the volumetric requirements of the applicable governing body.

7. REINFORCED CONCRETE PIPE - All of the following materials shall apply for reinforced concrete pipe:

- All reinforced concrete pipe shall be fabricated in a manner to provide the necessary strength and durability to withstand the loads imposed on it.
- All joints shall be made in accordance with the standard procedures outlined in Section 14 of this specification.
- All joints shall be grouted to provide a watertight seal.
- All joints shall be proof tested in accordance with ASME A112.18.1 and the volumetric requirements of the applicable governing body.

8. PLASTIC PIPE - All of the following materials shall apply for plastic pipe:

- All plastic pipe shall be made of polyethylene (PE), polypropylene (PP), or acrylonitrile butadiene styrene (ABS) materials.
- All joints shall be made in accordance with the standard procedures outlined in Section 14 of this specification.
- All joints shall be proof tested in accordance with ASME A112.18.1 and the volumetric requirements of the applicable governing body.

9. DUTCH ZONE PIPE - All Dutch Zone shall be made of fabricated HDPE pipe with a minimum wall thickness of 0.50". The joints shall be made in accordance with the standard procedures outlined in Section 14 of this specification.

10. EROSION AND SEDIMENT CONTROL

Construction activities shall be carried out in such a manner that erosion will be controlled and sediment will be minimized. All disturbed areas shall be repaired immediately after completion of the work and all disturbed areas shall be reclaimed to the satisfaction of the applicable governing body.

11. AS-BUILT CERTIFICATION

A copy of the as-built record shall be provided to the Owner and the applicable governing body upon completion of the project. The as-built record shall include all applicable documents and shall be certified by a duly licensed professional engineer.

AS-BUILT CERTIFICATION

I, [Name], [License Number], hereby certify that the as-built drawing(s) are true and correct and that they accurately depict the work as performed and are in accordance with the plans and specifications.

[Name]
[License Number]
[Date]

MATERIALS - All materials shall be furnished in accordance with the applicable governing body. All materials shall be tested and certified by a duly licensed professional engineer. The materials shall be furnished in accordance with the applicable governing body and all requirements shall be met.

PLACEMENT - All materials shall be placed in accordance with the applicable governing body. All materials shall be placed in accordance with the applicable governing body and all requirements shall be met.

INJECTION - All injection shall be performed in accordance with the applicable governing body. All injection shall be performed in accordance with the applicable governing body and all requirements shall be met.

12. DRAINING

Draining, trenching, and grading shall be as follows:

- French drains shall be installed as shown in Section 14 of this specification.
- All drains shall be proof tested in accordance with ASME A112.18.1 and the volumetric requirements of the applicable governing body.
- All drains shall be proof tested in accordance with ASME A112.18.1 and the volumetric requirements of the applicable governing body.

13. FILTER CLOTH

All filter cloth shall be of the material specified in Section 14 of this specification. All filter cloth shall be proof tested in accordance with ASME A112.18.1 and the volumetric requirements of the applicable governing body.

14. OUTFALLS

All outfalls shall be constructed of cast iron or cast iron with a minimum length of 50 feet. The outfalls shall be proof tested in accordance with ASME A112.18.1 and the volumetric requirements of the applicable governing body.

15. CONSTRUCTION INSPECTION BY DESIGNATED ENGINEERS

The construction of the work shall be reviewed and supervised by a duly licensed professional engineer. The work shall be reviewed and supervised by a duly licensed professional engineer. The work shall be reviewed and supervised by a duly licensed professional engineer.

16. APPROVED STORMWATER MANAGEMENT SPECIFICATIONS

The stormwater management specifications shall be approved by the applicable governing body. The stormwater management specifications shall be approved by the applicable governing body. The stormwater management specifications shall be approved by the applicable governing body.

BELL ISSUE HAVENS

LISA T. MILLER - PRESIDENT & CEO
1025 Ridge Road
Lodi, NJ 07644
201-258-6700

STORMWATER MANAGEMENT

SPECIFICATIONS

COMPLIANCE CERTIFICATE

I, [Name], [License Number], hereby certify that the stormwater management specifications are in compliance with the applicable governing body and that the work has been performed in accordance with the specifications.

[Name]
[License Number]
[Date]

DEVELOPED BY:

[Developed By]

ENCRUDED BY:

[Encrusted By]

PROFESSIONAL ENGINEERS:

[Professional Engineers]
PLANT LIST

<table>
<thead>
<tr>
<th>NO.</th>
<th>PLANT NAME</th>
<th>QUANTITY</th>
<th>SIZE RATIO</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>RED MAPLE</td>
<td>3</td>
<td>3-4</td>
</tr>
<tr>
<td>2</td>
<td>SKIMMIA RACEMOSA</td>
<td>3</td>
<td>3-4</td>
</tr>
<tr>
<td>3</td>
<td>PRUNUS CERSIFOLIA KENKAN</td>
<td>3</td>
<td>3-4</td>
</tr>
<tr>
<td>4</td>
<td>BIRCH PERSICIFOLIA 'WINTERBERRY'</td>
<td>3</td>
<td>3-4</td>
</tr>
</tbody>
</table>

LEGEND

- HW: HEDERA WHITTONI
- BV: BISHOP'S WALK
- H: HYDRANGEA SPIRIT
- SW: SARCOTRAN
- L: LILAC
- W: WINTERHazel
- E: EVERGREEN

WINTERHAZEL COURT

SWM #3A PLANTING PLAN (BIO-DRY FACILITY)

Scale 1"=30'