1. The monitoring wells and ejectors shall be inspected in a quarterly basis and after every heavy storm.
2. Water levels in the monitoring wells shall be monitored periodically; a record of these levels shall be maintained.
3. If the lake level becomes higher than the lake drain pipe, the lake drain pipe shall be lowered.
4. All the monitoring wells shall be located at a distance from the facility.
5. The monitoring log shall be available to the contractor for inspection to ensure compliance with specifications and maintenance criteria.

Once the performance characteristics of the infiltration facility have been verified, the monitoring requirements for these basins shall be reduced for performance data indicated that a more frequent inspection is required.
LANDSCAPE NOTES:

1. The Landscape Plan is to be reviewed and approved in accordance with Section 44-13.10 of the Planning Department, pursuant to the General Land Use Ordinance of the Township of Toms River, New Jersey.

2. Street tree locations, sizes, and species shall be consistent with the General Land Use Ordinance of the Township of Toms River, New Jersey.

3. Street tree locations, sizes, and species shall be consistent with the Township of Toms River, New Jersey.

4. Street tree locations, sizes, and species shall be consistent with the Township of Toms River, New Jersey.

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52. Street tree locations, sizes, and species shall be consistent with the Township of Toms River, New Jersey.
### PLANTING SCHEDULE

#### FCP Planting Area A-4 - 0.3 acres

<table>
<thead>
<tr>
<th>Species</th>
<th>Qty</th>
<th>Spacing</th>
<th>Total</th>
<th>Notes</th>
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<tr>
<td>Cercidiphyllum</td>
<td>50</td>
<td>5 x 5</td>
<td>250</td>
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<tr>
<td>Euonymus</td>
<td>30</td>
<td>3 x 3</td>
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<td></td>
</tr>
<tr>
<td>Lonicera</td>
<td>20</td>
<td>2 x 2</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Robinia</td>
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<td>1 x 1</td>
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</tr>
</tbody>
</table>

Total

#### FCP Planting Area B - 3.2 acres

<table>
<thead>
<tr>
<th>Species</th>
<th>Qty</th>
<th>Spacing</th>
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<tbody>
<tr>
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<td>200</td>
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</tr>
<tr>
<td>Lonicera</td>
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<td>10 x 10</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>Robinia</td>
<td>50</td>
<td>5 x 5</td>
<td>250</td>
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Total

#### FCP Planting Area C - 0.3 acres

<table>
<thead>
<tr>
<th>Species</th>
<th>Qty</th>
<th>Spacing</th>
<th>Total</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Acer</td>
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</tr>
<tr>
<td>Cercidiphyllum</td>
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<td>40</td>
<td></td>
</tr>
<tr>
<td>Euonymus</td>
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<tr>
<td>Robinia</td>
<td>3</td>
<td>1 x 1</td>
<td>3</td>
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</tr>
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</table>

Total

#### FCP Planting Area D - 0.3 acres

<table>
<thead>
<tr>
<th>Species</th>
<th>Qty</th>
<th>Spacing</th>
<th>Total</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Acer</td>
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</tr>
<tr>
<td>Cercidiphyllum</td>
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<tr>
<td>Euonymus</td>
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<td></td>
</tr>
<tr>
<td>Lonicera</td>
<td>2</td>
<td>0.5 x 0.5</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Total

### PLANTING SCHEDULE NOTATION

- **Acer**
- **Cercidiphyllum**
- **Euonymus**
- **Lonicera**
- **Robinia**

### FCP Boundary Planting Notes

Planting Notes:
- Plants should be no more than 5 feet from the property line. 2" and 3" diameter trees should be planted 5' from the property line. 4" and larger trees should be planted 10' from the property line.
- Trees should not be planted in a location where they will be a hazard to people or property.
- Trees should not be planted in a location where they will interfere with utility lines or with the flow of water.

### Forest Conservation Plan

- **Forest Management Objectives:**
  - Maintain and enhance the natural habitat for wildlife.
  - Protect and preserve the existing forested areas.
  - Reduce the risk of wildfire and other natural disasters.

- **Forest Management Practices:**
  - Selective cutting of mature trees to create a diverse and healthy forest.
  - Prescribed burns to reduce fuel loads and maintain forest health.
  - Monitoring and managing invasive species.

- **Forest Management Monitoring:**
  - Regular monitoring of forest conditions and wildlife populations.
  - Adjustments made to management practices based on monitoring results.

- **Forest Ecosystem Restoration:**
  - Planting of native tree species to enhance forest biodiversity.
  - Creation of riparian buffers to improve water quality.
  - Stabilization of eroding soil to prevent further degradation.

- **Forest Ecosystem Management:**
  - Monitoring of forest health and productivity through regular assessments.
  - Implementation of conservation practices to protect and manage forest resources.

- **Forest Ecosystem Sustainability:**
  - Long-term planning and management to ensure the forest remains healthy and productive for future generations.
  - Involvement of community members in forest management decisions to promote stewardship and understanding.

### Forest Ecosystem Stewardship

- **Community Engagement:**
  - Participation of local residents and stakeholders in forest management planning and decision-making.
  - Education and outreach programs to inform and engage the community on forest conservation.

- **Partnerships:**
  - Collaborations with local organizations, government agencies, and other stakeholders to pool resources and expertise.
  - Leveraging existing partnerships to enhance forest management efforts.

- **Infrastructure Development:**
  - Construction of trails and access points to improve public access to forested areas.
  - Development of educational and interpretive facilities to promote forest stewardship.

- **Economic Benefits:**
  - Development of eco-tourism opportunities to generate economic benefits for the community.
  - Use of local labor and materials to support local businesses and the economy.

- **Environmental Benefits:**
  - Enhancement of air and water quality through forest management practices.
  - Protection of wildlife habitats and biodiversity.
  - Reduction of carbon emissions through sustainable forest practices.

### Forest Ecosystem Restoration

- **Native Tree Species:**
  - Selection of native tree species that are well-adapted to local environmental conditions.
  - Planting of a diverse mix of tree species to enhance forest biodiversity.

- **Biodiversity:**
  - Protection and enhancement of wildlife habitats within the forested areas.
  - Promotion of ecological processes that support biodiversity.

- **Soil Health:**
  - Implementation of practices that improve soil structure and fertility.
  - Use of organic and natural fertilizers to support healthy soil ecosystems.

- **Water Resources:**
  - Protection and management of watershed areas to reduce erosion and improve water quality.
  - Implementation of practices that enhance water infiltration and storage.

- **Community Involvement:**
  - Involvement of community members in forest restoration efforts through volunteer opportunities and educational programs.
  - Engagement of local schools and universities in restoration projects to promote scientific understanding and stewardship.

- **Sustainability:**
  - Long-term planning and management to ensure the forest remains healthy and productive for future generations.
  - Involvement of community members in forest management decisions to promote stewardship and understanding.

### Forest Ecosystem Management

- **Monitoring:**
  - Regular monitoring of forest conditions and wildlife populations.
  - Adjustments made to management practices based on monitoring results.

- **Management Practices:**
  - Selective cutting of mature trees to create a diverse and healthy forest.
  - Prescribed burns to reduce fuel loads and maintain forest health.
  - Monitoring and managing invasive species.

- **Assessment:**
  - Regular assessment of forest health and productivity through regular assessments.
  - Implementation of conservation practices to protect and manage forest resources.

- **Forest Ecosystem Sustainability:**
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### ECO-SCIENCE PROFESSIONALS, INC.

- Address: 123 Main St, Anytown, USA 12345
- Contact: info@ecoscience.com
- Phone: 555-1234

DESIGN: GRANT
DRAW: ASHLEY
SHEET: 36 OF 67

WELLINGTON FARMS
Case 1 Section 1
Lot 143, 144, 145

FOREST PRESERVATION PLAN

- Date: 01/01/2023
- Scale: 1/200
- SHEET: 36 OF 67

F-21-044
1. ANY FUTURE STRUCTURES OR DECKS ON LOTS 113-118 CANNOT EXTEND INTO THE WALL EASEMENTS.

2. WALL #2 IS TO BE CONSTRUCTED UNDER A FUTURE SDP.

3. WALL #1 AND WALL #2 SHALL BOTH BE MAINTAINED BY THE HOMEOWNERS ASSOCIATION.
STONE STRONG SYSTEMS SPECIFICATIONS FOR PRECAST MODULAR BLOCK RETAINING WALL SYSTEM

PART 2: GENERAL

15.0 CONSTRUCTION CONDITIONS
A. WORK INCLUDES FURNISHING AND INSTALLING PRECAST MODULAR BLOCK RETAINING WALLS AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN. ALSO INCLUDED IS FURNISHING AND INSTALLING ALL MATERIALS REQUIRED FOR CONSTRUCTION OF THE COMPLETE SYSTEM.
B. THE CONTRACTOR SHALL SOLELY BE RESPONSIBLE FOR THE ENGINEER AND OWNER SHALL NOT BE RESPONSIBLE FOR MEANS OR METHODS OF CONSTRUCTION FOR OR ON BEHALF OF WORKERS ON THE PUBLIC.

16.0 DELIVERY, STORAGE, AND HANDLING
A. CONTRACTOR SHALL CHECK THE MATERIALS UPON DELIVERY TO ASSURE THAT CHOICE MATERIALS ARE RECEIVED.
B. CONTRACTOR SHALL PROTECT THE MATERIALS FROM DAMAGE. DAMAGED MATERIALS SHALL BE REPORTED TO AND INCORPORATED INTO THE WALL. THE CONTRACTOR IS RESPONSIBLE FOR THE STORAGE AND PROTECTION OF THE MATERIALS.
C. CONTRACTOR SHALL PROVIDE ALL SUBSTANCES THAT MAY CAUSE DAMAGE TO THE CONTRACTOR OR OTHERS.
D. EXPOSED SURFACES OF PRECAST MODULAR BLOCK WALLS SHALL BE PROTECTED FROM CRACKS, CRACKS, OR STACKS WHEN VARNISHED FROM A DISTANCE OF 10 FEET.

21.0 MATERIALS

21.1 WALL UNITS
A. PRECAST MODULAR BLOCKS SHALL BE STONE STRONG UNITS MANUFACTURED UNDER LICENSE FROM STONE STRONG LLC.
B. WALL UNITS SHALL CONFORM TO ASTM C 757.
C. DIMENSION TOLERANCES FOR PRECAST MODULAR BLOCKS SHALL BE ± 1/8 INCH FOR HEIGHT, ± 1/8 INCH FOR LENGTH (AND FAZ업체), AND ± 1/8 INCH FOR WALL TOLERANCE.
D. CONCRETE FOR PRECAST MODULAR BLOCKS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5,000 PSI. ENTRAINED AIR CONTENT SHALL BE BETWEEN 1% and 3%.
E. INTERIRON, UNREINFORCED OR UNREINFORCED UNITS SHALL BE MANUFACTURED ACCORDING TO PUBLISHED STONE STRONG ENGINEERING DRAWINGS. PRECAST UNITS SHALL BE MARKED WITH THE TYPE OF UNITS.
F. THE FACE PATTERN shall BE SELECTED FROM THE MANUFACTURER'S STOCK. ALL UNITS SHALL BE MARKED TO MATCH ANY PATTERN REQUESTED. A CONCRETE SLAB MAY BE APPLIED TO COVER THE UNITS IF SPECIFIED BY THE ENGINEER OR OWNER.

21.2 WALL BASE
A. WALL BASE SHALL CONSIST OF DENSE GRADED CRUSHED AGGREGATE. A MINIMUM OF 70% OF CRUSHED MATERIAL SHALL HAVE 2 OR MORE FRACTURED FACES. WALL BASE MATERIAL SHALL MEET THE FOLLOWING QUALIFICATION:

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<thead>
<tr>
<th>US STANDARD SIZE</th>
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<tbody>
<tr>
<td>20 mm (3/4&quot;)</td>
<td>100%</td>
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<tr>
<td>40 mm (1&quot;)</td>
<td>95%</td>
</tr>
<tr>
<td>80 mm (2&quot;)</td>
<td>90%</td>
</tr>
<tr>
<td>160 mm (5&quot;)</td>
<td>85%</td>
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B. THE CONTRACTOR MAY SUBSTITUTE CONCRETE WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI FOR THE GRAVELY BASE MATERIAL. CONCRETE BASE MAY BE PLACED TO CARE FOR THE SAFETY OF WORK FORCE AND TO SUPPORT THE RETAINING WALL. A MINIMUM THICKNESS OF 3 INCHES IS RECOMMENDED. CONCRETE BASE SHALL HAVE A MINIMUM THICKNESS OF 3 INCHES.

21.3 UNIT FILL
A. UNIT FILL SHALL CONSIST OF A SCREENED CRUSHED AGGREGATE. A MINIMUM OF 70% OF CRUSHED MATERIAL SHALL HAVE 2 OR MORE FRACTURED FACES. UNIT FILL MATERIAL SHALL MEET THE FOLLOWING QUALIFICATIONS:

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<td>90%</td>
</tr>
<tr>
<td>160 mm (5&quot;)</td>
<td>85%</td>
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B. ALL OTHER BACKLIT SOILS AND IN FRONT OF THE WALL SHALL CONSIST OF SOILS OR IMPORTED SOILS AND SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER. BACKLIT SOILS SHALL GENERALLY BE SITUSED OF SUEITES, SILT, OR LEAN CLAYS WITH A MINIMUM UNIT WEIGHT LESS THAN 140 AND A PLASTICITY INDEX LESS THAN 25. BACKLIT SOILS, CUBES, AND LARGE SOILS SHOULD BE PROPERLY MANUFACTURED AND IMPORTED TO BE INJECTED TO THE CONTRACTOR.

21.4 WALL ASSEMBLY
A. WALL BASE SHALL BE RETAINED WITH A STRAND TIE TO THE WALL. STRAND TIE SHOULD BE CONNECTED TO THE WALL AND TO THE WALL BASE.

B. ALL STRAND TIE PLACEMENTS AND INSTALLATION SHOWN ON THE PLANS.


21.5 CONCRETE TIE PLACEMENT

21.6 CONCRETE BASE TIE PLACEMENT

21.7 CONCRETE BASE TIE PLACEMENT