SITE DEVELOPMENT PLANS

for

SPRINGWOOD PARK

ACCESSIBILITY IMPROVEMENTS

601 ARLINGTON AVENUE, GREER SC

GOVERNING AGENCIES

STORMWATER PERMITTING
CITY OF GREER
864.801.2026
301 East Poinsett Street
Greer, SC 29651

WATER/SEWER
GREER CPW
864.848.5500
301 McCall Street
Greer, SC 29650

CITY OF GREER
ENGINEERING DEPARTMENT
864.848.2181
301 East Poinsett Street
Greer, SC 29651

S.C. DOT
GREENVILLE DISTRICT 3
864.241.1224
13 Saluda Dam Road
Greenville, SC 29611

S.C. DHEC
BUREAU OF WATER
864.895.9674
2143 New Bruce Road
Greer, SC 29651

ELECTRIC
DUKE ENERGY
864.875.9474
2143 New Bruce Road
Greer, SC 29651

OWNER'S CERTIFICATION STATEMENT

I, ___________________________________ , CERTIFY THAT THE LAND DISTURBING ACTIVITY WILL BE ACCOMPLISHED TO THE PLAN
APPROVED BY THE CITY OF GREER AND SC DHEC.
SIGNATURE: _______________________________________________________

I, ___________________________, ACKNOWLEDGE AS THE PROPERTY OWNER AND PERSON ULTIMATELY RESPONSIBLE FOR THE LAND
DISTURBING ACTIVITY AT THIS SITE, THE RIGHT OF THE CITY OF GREER OR SC DHEC TO CONDUCT ON-SITE INSPECTIONS.
SIGNATURE: _______________________________________________________

ADDITIONAL CITY OF GREER NOTES

ALL IMPORT/EXPORT DIRT FOR THIS SITE MUST COME FROM A SITE ACTIVITY PERMITTING BY SC DHEC. THE CITY OF GREER IS TO BE PROVIDED A COPY OF THIS DOCUMENTATION BEFORE DIRT IS BROUGHT ON SITE OR REMOVED FROM THE SITE.

IMPORT/EXPORT OF DIRT

LAND AREA
DISTURBED AREA
ULTIMATE RECEIVING WATERBODY
SOUTH TYGER RIVER
RECEIVING WATERBODY
TRIBUTARY OF FROHAWK CREEK
PROPOSED ADDITIONAL IMPERVIOUS AREA
"$&
"$&
EARTHWORK IMPORT OR EXPORT
+/- 120 CY IMPORT
PROPOSED RETAINING WALLS
Springwood Park
Accessibility Improvements

Project Location:
Greenville County, SC

CV-1

TAX MAP NUMBERS: 061500000000

Physical Address: 401 Arlington Avenue

Current Zoning: R-12

Proposed Impervious Area: 1,490 SF

Proposed Retaining Walls: No

1" = 10'
**Accessibility Improvements**

**Project Location:**
Green Street & Wood Ave.  
Greenville, SC

**CV-3**

**City Comments Addressed:**

11.27.19

**Springwood Park**

**ENGINEER TO VERIFY BMPS HAVE BEEN PROPERLY INSTALLED PRIOR TO ANY LAND DISTURBANCE**

**CONSTRUCTION TIMELINE**

**INSTALL ALL SILT FENCE, INLET PROTECTION, AND CONSTRUCTION EXIT PAD AS SHOWN ON PLAN SHEET EC-1**

**RECEIVE PERMIT COVERAGE AND HOLD PRE CONSTRUCTION MEETING WITH CITY OF GREER**

**UPON OK FROM GEOTECH ENGINEER, PLACEMENT OF STRUCTURAL FILL MAY TAKE PLACE**

**ENGINEER TO SUBMIT SITE CERTIFICATION TO GREER. PERMITTEE TO SUBMIT DHEC N.O.T.**

**ANTICIPATED START DATE 1/6/20**

**ENGINEER TO VERIFY BMPS HAVE BEEN PROPERLY INSTALLED PRIOR TO ANY LAND DISTURBANCE**

**COMPACTION OF FILL REQUIRED PER DETAIL SHEET D-4 EARTHWORK SPECIFICATIONS. GEOTECH ENGINEER TO CERTIFY**

**POUR CONCRETE FOR SIDEWALK AND CURBING. INSURE ALL TRUCKS USE CONCRETE WASHOUT**

**INITIATE STABILIZATION MEASURES AS PLACEMENT OF FILL SLOPES COMPLETED PER DETAIL SHEET EC-1**

**REMOVE ALL TEMPORARY EROSION CONTROL MEASURES**

**ONCE BMP INSTALLATION HAS BEEN VERIFIED, REMOVAL OF EXISTING TREES CAN TAKE PLACE**

**CONTRACTOR TO APPLY FINAL STABILIZATION TO ANY REMAINING BARE AREAS ACCORDING TO DETAIL SHEET D-2**

**MAINTENANCE OF BMPS (THROUGH LIFE OF PROJECT)**

**INSTALL CONCRETE WASHOUT AREA PRIOR TO THE PLACEMENT OF ANY CURBING. SEE DETAIL SHEET D-6**

**DEMO EXISTING CURBING AND SAWCUT ASPHALT FOR CLEAN TRANSITION**

**INSTALL SEDIMENT TUBE ALONG PAVEMENT CUT TO MAINTAIN DRAINAGE PATTERN**

**CONTRACTOR TO SCHEDULE WALKTHROUGH WITH CITY INSPECTOR AND E.O.R. ONCE FINAL STABILIZATION COMPLETE**

**DAY 1**

**DAY 2**

**DAY 3**

**DAY 4**

**DAY 5**

**DAY 6**

**DAY 7**

**DAY 8**

**DAY 9**

**DAY 10**

**DAY 11**

**DAY 12**

**ALL TREES AND STUMPS TO BE HAULED OFF TO PROPER PROCESSING FACILITY**

**GEOTECH ENGINEER TO VERIFY BASE SUBGRADE PRIOR TO THE Placement OF ANY FILL**

**PROOF ROLL PARKING AREA PRIOR TO PLACEMENT OF CURBING. CITY OF GREER / ENGINEER TO WITNESS AND ACCEPT**

**CONTRACTOR TO INSTALL CONCRETE PAVEMENT AND PAINT ADA MARKINGS PER DETAIL SHEET D-7**
PROHIBITED DISCHARGES

MEMBERS, CONTRACTORS, AND ALL OTHER RESPONSIBLE PARTIES FOR CONDUCTING AND DISTURBING ACTIVITIES ARE PROHIBITED TO DISCHARGE THE FOLLOWING ITEMS:

- WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS IN DESIGNATED CONCRETE WASHOUT AREA.
- WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
- FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE;
- SOAP OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.

POLLUTION PREVENTION NOTES

- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING TRENCHES AND EXCAVATIONS BY MANAGING RUNOFF WITH THE APPROPRIATE CONTROLS SUCH AS THE ONSITE SEDIMENT BASINS OR ADDITIONAL Silt Fence To Have Safety Tips.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE;
- MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS PRESENT ON THE SITE TO PRECIPITATION AND TO STORMWATER;
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM SPILLS AND LEAKS AND IMPLEMENT CHEMICAL SPILL AND LEAK PREVENTION AND RESPONSE PROCEDURES. ONSITE FUEL CLEANUP KIT REQUIRED AT ALL TIMES DURING CONSTRUCTION. MINIMUM 10 GALLON CAPACITY.
- ALL FUEL STORAGE ONSITE MUST BE CONTAINED IN A LOCKING STORAGE CONTAINER AND HAVE A CONTAINMENT BERM.
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### City of Greenville Special Notes

1. Special construction measures are to be implemented to minimize the effects of construction on surrounding areas and the environment. These measures may include temporary fencing, noise barriers, and洒布抑尘剂等。

2. Special construction measures may also include the use of specialized equipment and materials to minimize the impact on the environment. These may include the use of green construction materials, such as recycled and reclaimed materials.

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### MISC. NOTES

- All materials used in construction shall comply with all applicable standards and regulations.
- All construction shall be performed in accordance with the approved plans and specifications.
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<table>
<thead>
<tr>
<th>Sheet Number</th>
<th>Date:</th>
<th>Project No.</th>
<th>Description</th>
<th>City Comments Addressed</th>
<th>Dwg:</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/27/19</td>
<td>1</td>
<td>Civil Plans.dwg</td>
<td>Springwood Park Accessibility Improvements</td>
<td>Green Street &amp; Wood Ave. - Greenville County, SC</td>
<td>1</td>
</tr>
</tbody>
</table>

**Notes**

- This sheet includes the final revisions addressing accessibility improvements at Springwood Park.
- All comments have been addressed and reviewed.

**City of Green Standard Notes**

**Temporary Stabilization**

- Temporary stabilization measures are in place to maintain the integrity of the project area during construction.
- These measures include temporary fencing and signage to alert visitors to the ongoing work.
- Temporary stabilizations are in compliance with City standards and regulations.

**Final Stabilization**

- Permanent stabilization measures have been implemented to ensure long-term stability and safety.
- These measures include concrete pad foundations and permanent fencing.

**Accessibility Improvements**

- Accessible pathways and ramps have been constructed to ensure accessibility for all users.
- Handrails and signage are in place to guide visitors.

**Amendments**

- Any amendments to the plans are detailed in the notes section of the sheet.

**City of Green Standard Notes**

**Soil**

- Soil samples are taken at regular intervals during construction to monitor soil conditions.
- Soil samples are analyzed to ensure compliance with City standards and regulations.

**MISC. NOTES**

- Additional notes regarding soil conditions and soil testing procedures are included in the notes section of the sheet.
City of Greenville Standard Notes

Sheet Number and Title of Application

Project Location: Greenville, South Carolina 29607

City of Greenville Standard Notes

Pipe Interceptor Recipes

The maximum allowable continuous slope length for sewers in the multi-COD, cast-iron and PVC applications is 50 feet. Slope interception devices (such as swivel operators) of 20% are required for continuous slope lengths between 50 and 100 feet.

Installation

Ensure that all sewer and drainage pipes, lateral outlet structures, manholes, and other related products are sized and designed to accommodate the maximum pipe capacity. Ensure all products are installed according to the manufacturer's instructions and that all necessary permits and inspections are obtained by the appropriate authorities.

Maintenance

Ensure all interceptors are regularly inspected and maintained to prevent clogging and ensure proper flow. "Winter" when necessary, drainage pipes, manholes, and other related products are sized and designed to accommodate the maximum pipe capacity. Ensure all products are installed according to the manufacturer's instructions and that all necessary permits and inspections are obtained by the appropriate authorities.

WILDER APPLICATION TABLE

<table>
<thead>
<tr>
<th>Match</th>
<th>Applicable Shapes (Diameter)</th>
<th>Minimum Application Rate (Dimensions, D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood Chips</td>
<td>ogr</td>
<td>600 CFY/mile</td>
</tr>
<tr>
<td>Shale or Hay with Soil</td>
<td>4.41</td>
<td>2,000</td>
</tr>
<tr>
<td>HCP Type 1</td>
<td>4.41</td>
<td>2,000</td>
</tr>
<tr>
<td>HCP Type 2</td>
<td>4.17</td>
<td>2,200</td>
</tr>
<tr>
<td>HCP Type 3</td>
<td>3.81</td>
<td>3,000</td>
</tr>
<tr>
<td>HCP Type 4</td>
<td>3.14</td>
<td>5,000</td>
</tr>
<tr>
<td>Compost Mulch</td>
<td>4.21</td>
<td>200 CFY/mile</td>
</tr>
</tbody>
</table>

1 The maximum allowable continuous slope length for each application is 50 feet. Slope interception devices of 20% are required for continuous slope lengths between 50 and 100 feet.

Blade Length

The maximum allowable blade length for each application is 50 feet. Slope interception devices of 20% are required for continuous slope lengths between 50 and 100 feet.

ECB and TRM APPLICATION TABLE

<table>
<thead>
<tr>
<th>ECB/FRM Type</th>
<th>Slope (Grade)</th>
<th>Minimum Slope Length (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECB Type 1</td>
<td>5.25</td>
<td>5</td>
</tr>
<tr>
<td>ECB Type 2</td>
<td>5.15</td>
<td>5</td>
</tr>
<tr>
<td>ECB Type 3</td>
<td>7.00</td>
<td>5</td>
</tr>
</tbody>
</table>

1 The minimum blade length for each application is 50 feet. Slope interception devices of 20% are required for continuous slope lengths between 50 and 100 feet.

Engineering Notes

1. Ensure all products are installed according to the manufacturer's instructions and that all necessary permits and inspections are obtained by the appropriate authorities.

2. The maximum allowable continuous slope length for ECBS is 50 feet. Slope interception devices of 20% are required for continuous slope lengths between 50 and 100 feet.

3. Ensure all products are installed according to the manufacturer's instructions and that all necessary permits and inspections are obtained by the appropriate authorities.

4. The maximum allowable continuous slope length for ECBs is 50 feet. Slope interception devices of 20% are required for continuous slope lengths between 50 and 100 feet.

5. Ensure all products are installed according to the manufacturer's instructions and that all necessary permits and inspections are obtained by the appropriate authorities.

6. The maximum allowable continuous slope length for ECBs is 50 feet. Slope interception devices of 20% are required for continuous slope lengths between 50 and 100 feet.
1. Erosion Control Devices shall be properly maintained during their useful life to ensure that they continue to function. Temporary sediment shall be removed immediately after the completion of any phase of grading. Permanent sediment shall be allowed to settle within 14 days following completion of any phase of grading.

2. Storm Drainage:

   a) All storm drainage shall be RCP, unless otherwise noted, and shall conform to specifications of the local agency having jurisdiction.

   b) All gravel used in storm drainage shall be free of roots, trash, and organic matter. No stone larger than 6" shall be used as a backfill. Initial compaction shall be compacted to 98% of maximum dry density, standard Proctor, to prevent settlement and damage to paving and utilities.

   c) Where existing ditches cross proposed roads, parking areas, or lies within an area where building construction is to otherwise indicated by the geotechnical engineer or project documents or as required by the local municipality.

3. Estimation of Measurement and Payment Procedures:

   a) The locality shall be arranged for and coordinated compaction tests and supply results to the engineer as a condition to preliminary and/or final approvals.

4. Rejection of Material:

   a) The Contractor shall conduct all work in accordance with the latest requirements of the Occupational Safety and Health Administration for construction.

5. Construction:

   a) The Contractor shall conduct all work in accordance with the latest requirements of the Occupational Safety and Health Administration for construction.

6. Notified Immediately If Same Are Found.

7. Material:

   a) Material which does not fall into the classifications as classified above.

8. Retesting Required Due to Poor Compaction shall be conducted at the contractor's expense.

9. Estimation of Measurement and Payment Procedures:

   a) The locality shall be arranged for and coordinated compaction tests and supply results to the engineer as a condition to preliminary and/or final approvals.

10. Material:

    a) Material which does not fall into the classifications as classified above.

11. Retesting Required Due to Poor Compaction shall be conducted at the contractor's expense.

12. Estimation of Measurement and Payment Procedures:

    a) The locality shall be arranged for and coordinated compaction tests and supply results to the engineer as a condition to preliminary and/or final approvals.

13. Material:

    a) Material which does not fall into the classifications as classified above.

14. Retesting Required Due to Poor Compaction shall be conducted at the contractor's expense.
TYPICAL SECTION OF MODERNA

NOTED:
1. MODERNAL IS CONSTRUCTED OF 3500 psi Concrete.
2. MODERNAL TO BE 4 INCHES (4") THICK.
3. MODERNAL TO BE 8 INCHES (8") TOTAL:
4. MODERNAL CONCRETE CORE REQUIRED.

TYPICAL ASPHALT PAVING DETAILS

CONCRETE CURB & GUTTER

STANDARD PAVEMENT MARKINGS

ACCESSIBLE PARKING DETAIL: ACCESSIBLE PARKING DETAIL required for parking by condition of the right-of-way.

CIVILSD

Springwood Park
Accessibility Improvements
Green Street & Wood Ave.
Greenville County, SC

Date: 11/27/19
Dwg: Civil Plans.dwg