COLLEGE & SALEM
ROUNDABOUT CONSTRUCTION
CONWAY, ARKANSAS
CONSTRUCTION PACKAGE

VICINITY MAP

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DATE: JUNE 11, 2017
JOB #: 16-107

CONWAY STREET AND ENGINEERING DEPARTMENT
100 E. ROBINS STREET STREET  CONWAY, ARKANSAS
PH: 501.450.6165  FAX: 501.513.3566
**PLANT SCHEDULE**

<table>
<thead>
<tr>
<th>BOTANICAL NAME / COMMON NAME</th>
<th>QTY</th>
<th>SIZE</th>
<th>SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>El Toro Zoysia</td>
<td>2,778 SF</td>
<td>1 GAL.</td>
<td>18&quot; HT. MIN.</td>
</tr>
<tr>
<td>Double Shot Jessamine</td>
<td>1 GAL.</td>
<td>5 GAL</td>
<td>24&quot; SPREAD MIN.</td>
</tr>
<tr>
<td>Steel Edging</td>
<td>6 (4)</td>
<td>3&quot;</td>
<td>12.5'</td>
</tr>
<tr>
<td>Ilex Cornuta 'Needlepoint' / Needlepoint Holly</td>
<td>6 (3)</td>
<td>3&quot;</td>
<td>12.5'</td>
</tr>
<tr>
<td>Hypericum Kalmianum 'Blue Velvet' / Kalm St. Johnswort</td>
<td>7 (7)</td>
<td>3&quot;</td>
<td>12.5'</td>
</tr>
<tr>
<td>Pistacia Chinensis / Chinese Pistache</td>
<td>244</td>
<td>3&quot;</td>
<td>12.5'</td>
</tr>
<tr>
<td>Gelsemium Semprevirens &amp; Rankinii Double Shot / Double Shot Jessamine</td>
<td>(244)</td>
<td>3&quot;</td>
<td>12.5'</td>
</tr>
<tr>
<td>Zoysia Japonica 'El Toro' / El Toro Zoysia</td>
<td>244</td>
<td>3&quot;</td>
<td>12.5'</td>
</tr>
<tr>
<td>Trachelospermum Asiaticum / Asian Jasmine</td>
<td>244</td>
<td>3&quot;</td>
<td>12.5'</td>
</tr>
</tbody>
</table>

**NOTE:** SEE SHEETS L2, L3, AND L4 FOR CONSTRUCTION DETAILS
Know where your utilities are located before you dig.
Typical Details

Classic 8

(Dimensions may vary by region)

- Place geogrid in next layer of block with the main reinforcement running 90° to the previous direction below.
- Place geogrid in next layer of block with the main reinforcement running 90° to the previous direction below.
- Place geogrid in next 8" layer of compacted aggregate (as recommended by manufacturer).
- *Optional use of embedment anchor (minimum embedment with increased wall heights). Place anchor bars in wall with the main reinforcement running 90° to the previous direction below.
- Tie back wall for drainage:
  - Use and location of tieback to be determined by the engineer.

- Concrete leveling pad
  - Provide for drainage:
  - Tie back wall for drainage:
  - Use and location of tieback to be determined by the engineer.

- Geogrid Placement:
  - Inside corner
  - Outside corner

- Concave curve
- Convex curve

- Note: Locate drain tile at adjacent finish grade.
- Drain tile outlet connected to J drain or wall board tied into heel drain

- Rockwood Wall Typical Details

- Check fence design for embedment depth of fence post

- fence should be designed by structural engineer.

- This drawing is furnished for preliminary design purposes only, and should not be used for final design drawings or construction drawings without the certification of a professional engineer (in the state in which the wall will be constructed).
Wall Construction Sequence with Classic™

Step 1
- Excavate trench for a level base, remove all organic and unsuitable soils and compact.
- Install compacted aggregate base material or concrete leveling pad.
- Check levelness of base material or leveling pad.

Step 2
- Check all line grade and curves.
- Install first course ensuring all blocks are level; both side to side and front to back.
- Align back side of block to ensure a straight installation.
- Set units side by side, so they are touching.
- Place and compact backfill behind and in front of the first course.
- Sweep top of block.
- Re-check levelness.

Step 3
- Install next course (anchor bar down) by offsetting the center of block over the seams of previous course.
- Continue placing courses until geogrid placement is required.
- Place and compact 8” max. lifts.
- Place geogrid over block and lay over compacted backfill.
- Place next course of block over geogrid.
- Pull geogrid tight, keep tension applied until backfill is placed; staples or stakes may be used to maintain tension.

Step 4
- Place a minimum of 12” of drainage rock above the finish grade in front of wall.
- Place compacted backfill behind drainage rock.
- Place additional block courses by repeating step 3.

Step 5
- Continue wall construction to full height.
- Place additional block course by repeating steps 3 and 4.
- Place geogrid at required heights and lengths by repeating steps 2 thru 4.

Step 6
- Repeat steps 3 thru 5 until wall is at required height.
- Install cap units, filter fabric, and final lift of backfill.
- Provide for drainage away from wall.

Optional fled cap with continuous adhesive (As per manufacturer’s recommendation)}
ESPIRIT CONTROLLER
WITH FLOW SMART MODULE
IN PLASTIC CABINET

41 CV 1 GLOBE VALVE
42 TECHLINE® HCVXR END FEED LAYOUT

NOTE TO SHEET

BRASS NIPPLES
WILKINS XCEL BACKFLOW PREVENTER
BRONZE Y-STRAINER
INSULATED FIBERGLASS
ENCLOSURE
COPE D RISER PIPE
GATE VALVE IN
VALVE BOX
FROM METER
# COPPER NIPPLE
INSTALL 12" ABOVE FINISH Grade MIN.

NOTE TO SHEET

LOW-VOLUME CONTROL ZONE ASSEMBLY:
P/N LVCZS80-10075-HF 4.5 – 17.6 GPM

NOTE TO SHEET

1. RECOMMENDED MINIMUM FILTRATION:
   120 MESH

2. PRESSURE AT FLUSH VALVE SHALL BE
   MIN 21.8 PSI

3. HIGH CHECK VALVE (MAX 8.5’ OF
   WATER ELEVATION CHANGE)

4. REFER TO MAXIMUM LENGTH OF A
   SINGLE LATERAL CHART

5. TECHLINE® HCVXR END FEED LAYOUT

NOTE TO SHEET

 Args: a, b, c, d, e, f
This is a description or note related to the drawing.