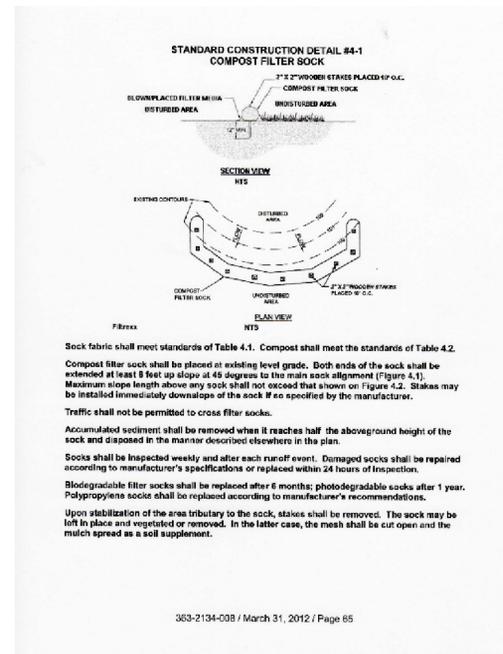
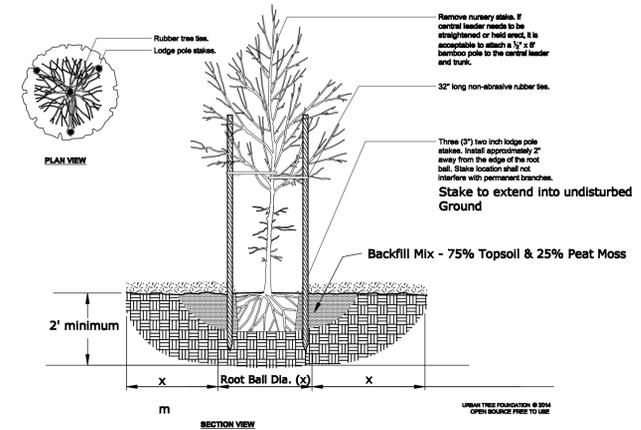


LIGHT POST BASE DETAIL



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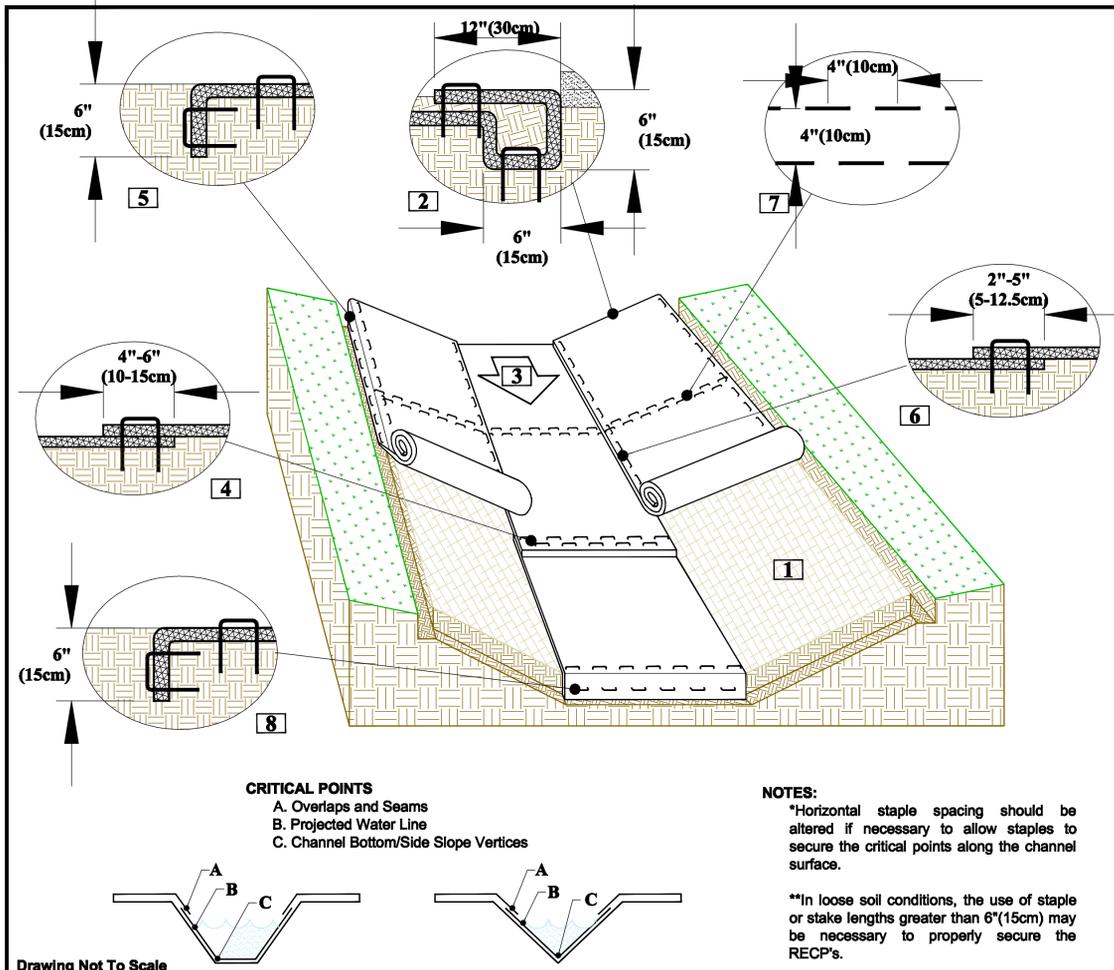


1. Trees shall be of symmetrical growth and free of insect pests and disease.
2. Minimum Size: The trunk diameter (measured at a height of 1 foot above the finished grade level) shall be a minimum of 2 inches or greater.
3. Planting and Maintenance: Required trees shall be planted in conformance with good landscaping practices, with adequate unpaved surface around each for water and air.

TYPES OF DECIDUOUS TREES PERMITTED TO MEET ORDINANCE REQUIREMENTS

Acer rubrum - American Red Maple	Quercus borealis - Red Oak
Acer saccharum - Sugar Maple	Quercus coccinea - Scarlet Oak
Celtis occidentalis - Common Hackberry	Quercus macrocarpa - Bur Oak
Fagus sylvatica - European Beech	Quercus imbricaria - Shingle Oak
Fraxinus americana - White Ash	Quercus montana - Chestnut Oak
Fraxinus pennsylvanica - Green Ash	Quercus velutina - Black Oak
Ginkgo biloba fastigiata - Maidenhair Tree (male only; female has noxious odor)	Quercus phellos - Willow Oak
Gleditsia triacanthos - Thornless Locust	Sophora japonica - Chinese Scholar Tree
Liriodendron tulipifera - Tulip Poplar	Tilia americana - American Linden
Quercus alba - White Oak	Tilia cordata - Little Leaf European Linden
Quercus acutissima - Sawtooth Oak	Tilia euchlora - Crimean Linden
	Tilia petiolaris - Silver Linden
	Zelkova serrata - Zelkova

- Note: This Ordinance only regulates the species of trees that are used to meet requirements of the Borough. The species of trees that are not required by Borough ordinances are not regulated.
- a. Quality of Trees. Required trees shall be of symmetrical growth and free of insect pests and disease.
 - b. Minimum Size. The trunk diameter (measured at a height of 1 foot above the finished grade level) shall be a minimum of 2 inches or greater.
 - c. Planting and Maintenance. Required trees shall be:
 - i. planted in conformance with good landscaping practices, with adequate unpaved surface around each for water and air and
 - ii. properly protected by raised curbs, distance or other devices from damage from vehicles.



CHANNEL INSTALLATION DETAIL

1. Prepare soil before installing rolled erosion control products (RECPs), including any necessary application of lime, fertilizer, and seed.
2. Begin at the top of the channel by anchoring the RECPs in a 6" (15cm) deep X 6" (15cm) wide trench with approximately 12" (30cm) of RECPs extended beyond the up-slope portion of the trench. Use ShoreMax mat at the channel/culvert outlet as supplemental scour protection as needed. Anchor the RECPs with a row of staples/stakes approximately 12" (30cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to the compacted soil and fold the remaining 12" (30cm) portion of RECPs back over the seed and compacted soil. Secure RECPs over compacted soil with a row of staples/stakes spaced approximately 12" apart across the width of the RECPs.
3. Roll center RECPs in direction of water flow in bottom of channel. RECPs will unroll with appropriate side against the soil surface. All RECPs must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide.
4. Place consecutive RECPs end-over-end (Shingle style) with a 4"-6" overlap. Use a double row of staples staggered 4" apart and 4" on center to secure RECPs.
5. Full length edge of RECPs at top of side slopes must be anchored with a row of staples/stakes approximately 12" (30cm) apart in a 6" (15cm) deep X 6" (15cm) wide trench. Backfill and compact the trench after stapling.
6. Adjacent RECPs must be overlapped approximately 2"-5" (5-12.5cm) (Depending on RECPs type) and stapled.
7. In high flow channel applications a staple check slot is recommended at 30 to 40 foot (9 -12m) intervals. Use a double row of staples staggered 4" (10cm) apart and 4" (10cm) on center over entire width of the channel.
8. The terminal end of the RECPs must be anchored with a row of staples/stakes approximately 12" (30cm) apart in a 6" (15cm) deep X 6" (15cm) wide trench. Backfill and compact the trench after stapling.

CRITICAL POINTS
 A. Overlaps and Seams
 B. Projected Water Line
 C. Channel Bottom/Side Slope Vertices

NOTES:
 *Horizontal staple spacing should be altered if necessary to allow staples to secure the critical points along the channel surface.
 **In loose soil conditions, the use of staple or stake lengths greater than 6" (15cm) may be necessary to properly secure the RECP's.

Tensar. NORTH AMERICAN GREEN®
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ERONET S150

LEGEND

EIP = Existing Iron Pin	▨ = Building Hatch
SIP = Set Iron Pin	▩ = Ex. Gravel
ERS = Existing Railroad Spike	▧ = Ex. Concrete
OHW = Overhead Wires	▤ = Proposed Concrete
W = Ex. Water Line	▥ = Existing Paving
WV = Ex. Water Valve	▦ = Existing Paving Removal
S = Ex. Sewer Line	▧ = New Paving and Base
⊕ = Centerline	▨ = New Paving Overlay
⊖ = Property Line	▩ = Erosion Control Matting
⊗ = Fire Hydrant	▫ = 8" Silt Sox
⊘ = Water Valve	
⊙ = Water Valve	
	— 590.40 = Existing Contours
	— 590.40 = Proposed Contours

DETAIL SHEET

Franklin County
 Borough of Mercersburg
 MERCERSBURG AMERICAN LEGION
 POST 517
 Pennsylvania

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 (717) 369-5699
 Drawn by: B.A.B.
 Checked by: B.A.B.

CADD FILE:
 20150728POST517
 DATE:
 16 May 2016
 SCALE:
 As Noted
 DRAWING NO.