WEST MERCER PLACE

TWO-WAY CONVERSION

MERCER UNDERPASS

Seattle Department of Transportation
Mercer Street: Silva Cells

SOIL LEVEL TO REMAIN FLUSH WITH TOP OF ROOT BALL.

PLANTING SOIL, TAMPERED TO MAX. 85% COMPACTION BELOW ROOTBALL

ROOT BARRIER WITH VERTICAL RIBS, 18" DEPTH MIN. SET 1/4" ABOVE MULCH

2-3" DEPTH MULCH WITH A 3-4" HIGH WATERING RING AROUND BASE OF TREE. FEATHER MULCH AT ROOT BALL

ROOT BARRIER WITH VERTICAL RIBS, 10" DEPTH AT 6" SIDEWALK PROFILE, 12" DEPTH AT 4" SIDEWALK PROFILE

2" TYPE 2

3" OF COMPOST BETWEEN SILVA CELL DECK AND PLANTING SOIL

GEOTEXTILE, 12" MIN. OVERLAP ALONG THE EDGE OF CELLS

GEOGRID. 'J' 6" MINIMUM BELOW BACKFILL AT BASE. OVERLAP 12" MINIMUM AT TOP OF CELLS

BACKFILL, TYPE 17, INSTALLED IN 8" MAX. LIFTS (2 LIFTS PER CELL), COMPACTED TO 95% OR BY 3 Passes WITH PLATE COMPACTOR, WHICHEVER IS GREATER

UNDERDRAIN, SEE DRAINAGE AND SEWER PLANS

3/8" X 14" ZIP TIES, ATTACHING GEOGRID TO SILVA CELLS AT EACH LEVEL AND AT CELL DECK

PLANTING SOIL INSTALLED IN 8" LIFTS (2 LIFTS PER CELL)

ANCHOR EACH SILVA CELL TO GROUND WITH (4) 10" SPIKE, <10 MM DIA., SEE CELL BASE FOR SPIKE HOLE

4" DEPTH MIN AGGREGATE SUB-BASE, TYPE 2, COMPACTED TO 95% OR BY 3 PASSES WITH PLATE COMPACTOR, WHICHEVER IS GREATER. CONNECT TO STORM DRAIN FOR POSITIVE DRAINAGE

SUBGRADE BELOW GEOTEXTILE AND AGGREGATE BASE COURSE, COMPACTED TO 95% OR BY 3 PASSES WITH PLATE COMPACTOR, WHICHEVER IS GREATER
Vines

- Parthenocissus tricuspidata
  *Boston Ivy*
- Bignonia capreata
  *Cross Vine*
- Hydrangea anomala
  *Climbing Hydrangea*
- Campsis radicans
  *Trumpet Creeper*
Acer rubrum ‘Autumn Flame’
Red Maple

Cornus sericea ‘Arctic Fire’
Red Twig Dogwood

Fragaria chiloensis
Coastal Strawberry

Geranium macrorrhizum
Hardy geranium

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