

SECTION 25

STREET TREE WELL

25-1 GENERAL

- A. The scope of this work shall include, but not be limited to, frame and grate installation, excavation, drain pipe installation, backfilling with topsoil, and tree stake installation in accordance with this section and Standard Drawing 601 and 601A.

25-2 RELATED WORK

- A. Refer to Section 7 for "Clearing and Grubbing".
- B. Refer to Section 16 for "Concrete Curbs, Gutters, Valley Gutters, Sidewalks, Driveways, Curb Ramps and Streets".

25-3 PRODUCTS

- A. Frame and Grate: Kiva model (square or rectangular) as manufactured by Urban Accessories, (877) 487-0488, www.urbanaccessories.com.
- B. Drain Pipe: Three (3) inch diameter perforated plastic flexible drain pipe, with filter fabric wrap, and fittings.
- C. Topsoil: Submit sample for approval by the Engineer.
- D. Tree Stake: Grate Stake as manufactured by J. R. Partners, (888) 333-3090, www.jrpartnersco.com, or approved equal.

25-4 EXECUTION

- A. Frame and Grate Installation
 - 1. Install frame and grate in new or existing pavement per manufacturer's instructions.
- B. Excavation
 - 1. Excavate and dispose of all soil, stumps, roots and other debris within the length and width of the tree well, and to a minimum depth of two (2) feet.
 - 2. Scarify or deeply score the sides of the excavation to facilitate root growth into the surrounding soils.

C. Drain Pipe Installation

1. Assemble and position drain pipe. Finish exposed pipe ends with perforated end caps or slotted grates. Temporarily close caps or grates with plastic and/or tape until backfilling and planting is complete. The ends of the drain pipe shall be two (2) inches above soil level.

D. Backfill with Topsoil

1. Backfill excavation in two lifts without disturbing drain pipe. Lightly tamp each lift. Final soil surface shall be four (4) inches below finish grade.
2. Coordinate backfilling with tree planting operation when possible.
3. If tree planting is delayed, a barricade shall be secured to the grate until planting begins.

E. Tree Stake Installation

1. Install two (2) tree stakes per manufacturer's instructions. Position stakes perpendicular to curb when possible.

END OF SECTION