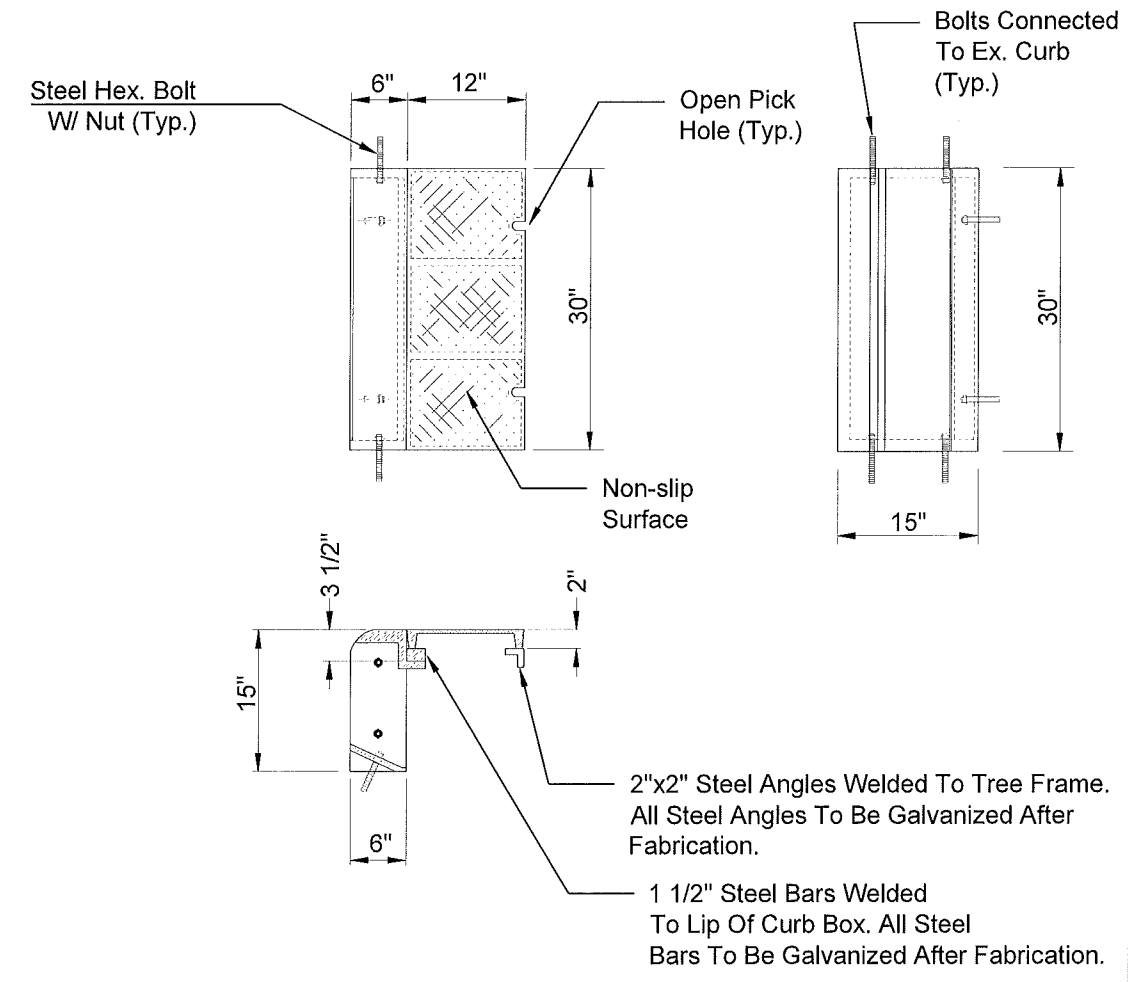
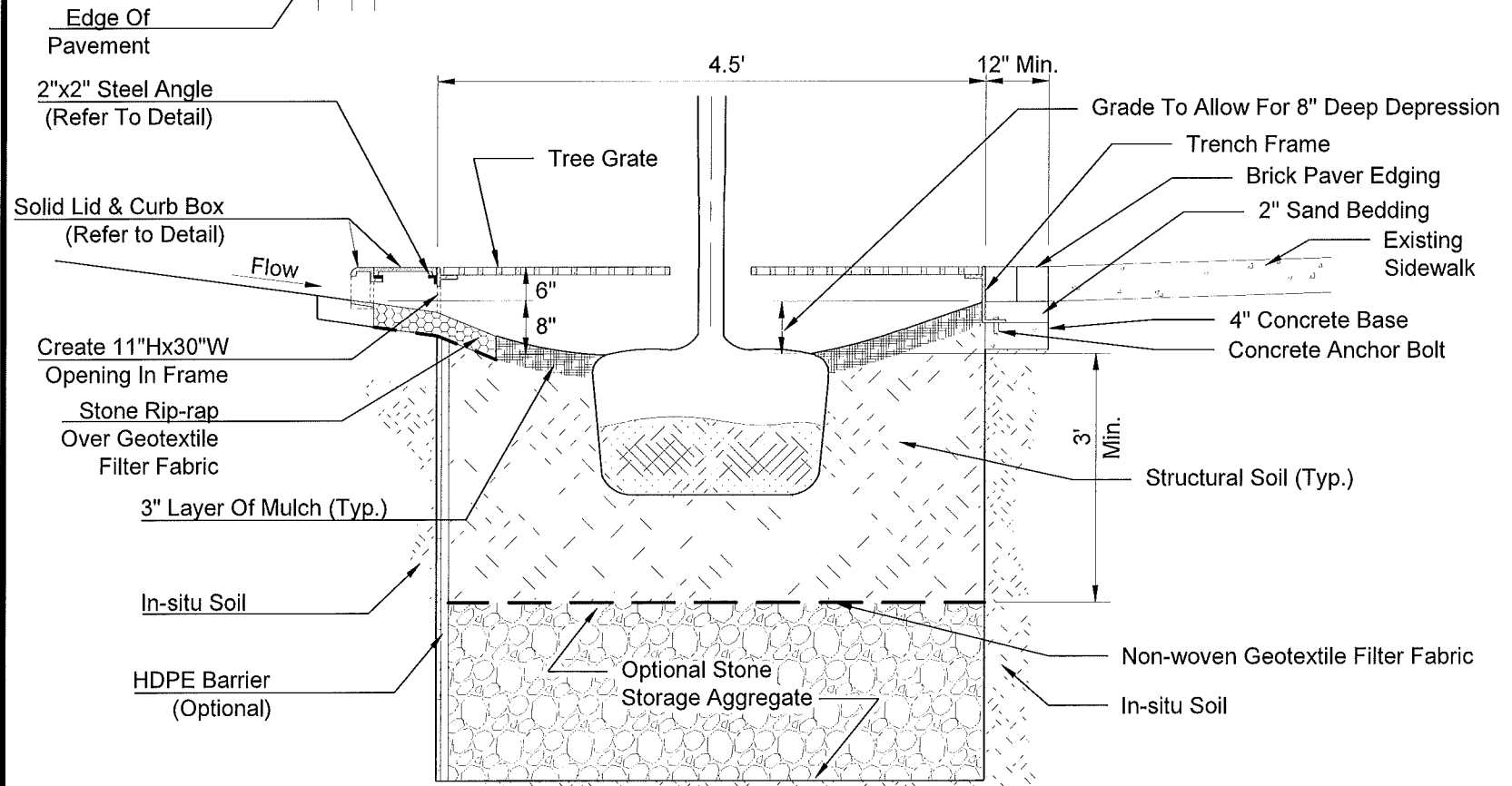


- Notes:
- Bioinfiltration tree pits should only be used when high infiltration underlying soils are present.
 - The tree shall be placed in the pit so that the top of the rootball is at approximately the same level as the surrounding soil.
 - The top 1/3 of the wire basket and the burlap around the rootball shall each be folded down.
 - All rope, trunk wrap, and other restrictive materials shall be removed at the time of planting.
 - After the tree has been installed, the tree pit shall be backfilled in 12 inch lifts of structural soil with each lift being firmly tamped but not highly compacted.
 - Three inches of shredded, hardwood bark mulch, commercially prepared, shall be placed over the top of the rootball of the newly installed tree.
 - Select trench frame type based on adjacent pavement type.
 - Structural soil designed for tree pits (i.e. CU-Soil) should be used within the tree pit and as a continuous planting bed between tree pits.
 - Filter fabric shall be nonwoven, needle-punched polypropylene geotextile fabric. Fabric shall have a minimum weight of 3.5 ounces per square yard (ASTM D 3776), minimum wet grab tensile strength of 100 pounds (ASTM D 4632), and a minimum flow rate of 75 gallons/minute/square foot (ASTM D 4491).
 - Curb box and lid detailed below or approved equal.



Curb Box And Lid Detail
(Not To Scale)

Profile View: Section A-A
(High Permeability Area)

City of Evanston
Bioinfiltration - Tree Pit
Detail
(Not To Scale)