## CANOPY TRUNK DIAMETER DIAMETER 44' 25" 40, 27' 34, 20 TREE SIZE 20" σį 10, 5 SIZE CATEGORY & SPECIES 200 TREES AT MATURITY IN ASPEN, CO CANOPY DIAMETER (FEET) 400 AVAILABLE WATER STORAGE (FT) SCENARIO 1A: SECTION VOLUME NEEDED TO GROW BIG URBAN TREES RAMID OF THE STATE TRUNK DIAMETER (INCHES) 600 SOIL VOLUME (FT3) REQUIRED SOIL VOLUME (CUBIC FEET) 800 240 FT 3 FEATURING SILVA CELL STANDARD TREE PLANTING ADJACENT TO SIDEWALK, STREET, AND BUILDING 1000 2005 Use tree grate as needed. If used, lower top of root 3" Mulch above tree pit Tree trunk, size varies-1200 Z GH $\bigvee \land \bigvee \land$ U $\geq$ NARIOS Concrete walk, width varies per COA Engineering specification overlap past excavation Aggregate base course, width varies per COA Engineering specification Cell deck and planting soil air space between Silva Geotextile, 18" minimum

