TREE SIZE:
Trees are categorized as small, medium or large based on the canopy factor, which takes into account the tree's mature height, crown spread, and growth rate. The following formula shall be used to determine the canopy factor:

\[(\text{MATURE HEIGHT IN FEET}) \times (\text{MATURE WIDTH IN FEET}) \times (\text{GROWTH RATE}) \times 0.01 = \text{CANOPY FACTOR}\]

The growth rate number is 1 for slow growing trees, 2 for moderately growing trees, and 3 for fast growing trees.

Tree size categories are as follows:
A. LARGE TREES = Canopy factor greater than 90
B. MEDIUM TREES = Canopy factor from 40-90
C. SMALL TREES = Canopy factor less than 40

---

**SMALL TREES**
24 SQUARE FEET MIN
UNPAVED PLANTING AREA

**MEDIUM TREES**
40 SQUARE FEET MIN
UNPAVED PLANTING AREA

**LARGE TREES**
60 SQUARE FEET MIN
UNPAVED PLANTING AREA

---

CITY OF TACOMA
DEPARTMENT OF PUBLIC WORKS

APPROVED FOR PUBLICATION

CITY ENGINEER

TREE WELL DIMENSION

STANDARD PLAN NO. LS-03