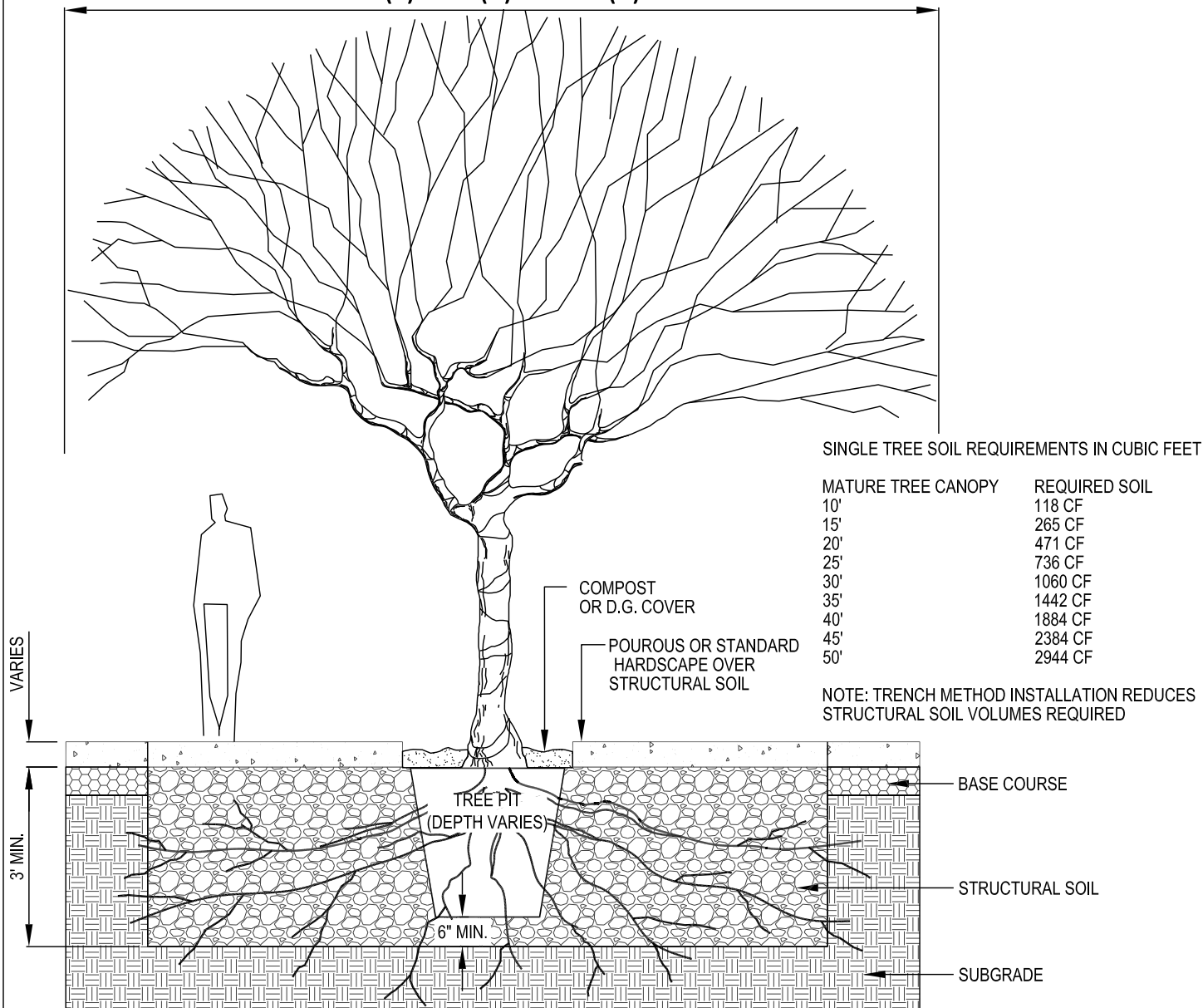




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1.5 CUBIC FEET OF SOIL FOR
 EVERY 1 SQUARE FOOT OF
 CROWN PROJECTION

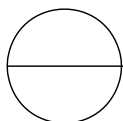
20' WIDE TREE CANOPY PROJECTION
 $\text{Area}(A) = 3.14(\pi) \times \text{Radius}^2(r^2)$



SAMPLE CALCULATION:

A 20' DIAMETER TREE CANOPY WOULD REQUIRE:

- 1) $3.14 \times 10^2 = 314$ SQUARE FEET.
- 2) 314 SQUARE FEET \times 1.5 CUBIC FEET OF SOIL = 471 CUBIC FEET OF SOIL TO SUPPORT IT.
- 3) 14' LENGTH \times 12' WIDTH \times 3' DEPTH = 504 CUBIC FEET.



QUANTITY CALCULATION FORMULA

USING STRUCTURAL SOIL
 NOT TO SCALE