

HILLDALE TERRACE
9.14.15

Required Tree Planting

Required Trees:

As per the requirements of the Zoning Code, Section 27.71 – Landscape, all projects must have a minimum ratio of **1 tree per 400 square feet** of landscaped area. Existing trees that are a minimum of 6 inch diameter may count toward this total. Any trees with a 6 inch or greater diameter that are being removed must be replaced with an equivalent value of trees. Values are to be determined as stated in Section 27.71.180 of the zoning code and recorded on the Tree Evaluation Schedule and/or any required arborist report.

Landscape Area: 4392 sq. ft. \div 400 = 10.98 (a)

Number of existing trees with a 6 inch or greater diameter **to be preserved:** 8 (b)

Landscape Unit (LU) value **deficit** from the Tree Evaluation Schedule: 42.75 (c)

Minimum LU value to be replaced and/or met through payment of in-lieu fees: **[a – b + c = d]** 45.73 (d)

New Trees:

A minimum number of trees equivalent to (a), above, must be planted **(or existing on the site)**. In order to make up the required LU value from the removal of trees, additional or larger trees may be planted. If the LU value shown at (e) is not equal or greater than (d), then an in-lieu fee must be paid to the City's street tree planting fund at the rate defined annually in the City's Comprehensive Fee Schedule for each deficient LU.

New Trees Being Planted			
Quantity	Size	LU Value	Total LU Value
6	15 gallon	1	
23	24 inch box	2	<u>46</u>
8	36 inch box	3	
8	48 inch box	4	
Total LU Value of new trees being proposed:			<u>52</u> (e)

Fees Owed to the City Street Tree Planting Fund:

(D is less than E)
If (d) is greater than (e), there will be an LU value deficit calculated as follows:

$|d - e| \times (\text{the annually defined \$ per LU value}) = \$$ 284