

TREE PROTECTION LEGEND

DESCRIPTION

SYMBOL

TREE TO BE REMOVED



EXISTING TREE SUMMARY

TOTAL TREES TO REMAIN	0
TOTAL TREES TO BE RELOCATED	0
TOTAL ON-SITE TREES TO BE REMOVED/MITIGATED (TREES 1-19)	19
TOTAL ON-SITE TREES TO BE REMOVED/MITIGATED (TREE 20)	<u>+ 1</u>
TOTAL EXISTING TREES IMPACTED BY PROJECT	20

ON-SITE TREE MITIGATION TABLE

TOTAL NUMBER OF NON-NATIVE TREES TO BE REMOVED	DBH**	QTY***	REPLACEMENT RATIO-SIZE	QUANTITY REQUIRED
	< 12" DIA.	10	1:1 - 15 GALLON	10
	12"-18" DIA.	3	2:1 - 24" BOX	6
	*18"+ DIA.	7	4:1 - 24" BOX	28

- IF QUANTITY OF PROPOSED TREES ARE NOT EQUAL TO OR GREATER THAN REQUIRED TREES, THE PROJECT IS SUBJECT TO MITIGATION FEES PER CITY OF SAN JOSE POLICY.
- ORDINANCE TREE HAS A DIAMETER BREAST HEIGHT (DBH) OF 18 INCHES OR GREATER. BREAST HEIGHT IS 2' ABOVE GRADE ON THE UPHILL SIDE OF TREE.
- SEE THE ARBORIST INVENTORY DATED 11/8/16 FOR ADDITIONAL INFORMATION.
- THE SIZE OF A 15-GALLON REPLACEMENT TREE CAN BE INCREASED TO 24-INCH BOX AND COUNT AS TWO REPLACEMENT TREES.

TREE MITIGATION SUMMARY TABLE

	QUANTITY	SIZE
TOTAL TREES REQUIRED TO MEET MITIGATION REQUIREMENTS	10	15 GALLON
	<u>+34</u>	24" BOX
	=44 TREES REQUIRED	
TOTAL PROPOSED TREES (NOT INCLUDING STREET TREES)	25 ±	

TREE LOCATION MAP



20*

OFF-SITE TREE

TREE INVENTORY

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DBH MEASUREMENT HEIGHT: 24"

Date of Evaluation: 11/8/16

Suitability for Preservation is based on the following

Good - Trees with good health and structural stability that have the potential for longevity at the site.

Moderate - Trees in somewhat declining health and/or exhibits structural defects that cannot be abated with treatment. Trees will require more intense management and will have a shorter lifespan than those in the 'Good' category.

Poor - Trees in poor health or with significant structural defects that cannot be mitigated. Tree is expected to decline, regardless of treatment.

Health Rating

5 A healthy, vigorous tree, reasonably free of disease, with good structure and form typical of the species.

4 A tree with slight decline in vigor, small amount of twig dieback, minor structural defects that could be corrected.

3 A tree with moderate vigor, moderate twig and small branch dieback, thinning of crown, poor leaf color, moderate structural defects that may that might be mitigated with care.

2 A tree in decline, epicormic growth, extensive dieback of medium to large branches, significant structural defects that cannot be abated.

1 A tree in severe decline, dieback of scaffold branches and or trunk, mostly epicormic growth; extensive structural defects that cannot be abated.

0 Tree is dead.

Abbreviations and Definitions

CD	Codominant branch	Forked branches nearly the same size in diameter, arising from a common junction and lacking a normal branch union.
CDB	Dieback in Crown	Condition where branches in the tree crown die from the tips toward the center.
DB	Dieback	Progressive death of twigs and branches which generally starts at the tip
DBH	Diameter at Breast Height	Measurement of tree diameter in inches. Measurement height varies by City and is noted above.
FB	Fireblight	A disease in fruit trees resulting in burnt looking foliage.
FI	Finger Island	Small planting area in parking lot surrounded by curb.
H	Hazardous	A tree that in its current condition, presents a hazard.
HD	Headed	Poor pruning practice of cutting back branches. Often practiced under utility lines to limit tree height.
IB	Included Bark	Structural defect where bark is included between the branch attachment so the wood can't join. Such defect can have a higher probability of failure.
LN	Leaning Tree	Tree leaning, see notes for severity.
MD	Mower Damage	Mechanical damage to roots from lawn mower that typically occurs in turf areas.
ML	Multiple Leaders	More than one upright primary stem
MS	Multi-stem	A tree having 2 or more trunks, either originating at grade or branching after DBH height measurement.
ND	Nitrogen Deficiency	Deficiency often resulting in lack of growth and yellow or pale green leaves.
PA	Planting Area	
S	Suckers	Shoot arising from the roots.
SC	Soil Compaction	Compaction of soil around tree root system which can damage vitality.
SD	Structural Defects	Naturally or secondary conditions including cavities, poor branch attachments, cracks, or decayed wood in any part of the tree that may contribute to structural failure.
	Ordinance Tree	A tree defined in this section herein below and whose removal or topping is covered by and subject to the provisions of chapter 13. Ordinance tree means any live or dead woody perennial plant characterized by having a main stem or trunk which measures 56" or more in circumference at a height of 24" above natural grade slope. A multi-trunk tree shall be considered a single tree and measurement of that tree shall include the sum of the circumference of the trunks of that tree at a height of 24" above natural grade slope. "Tree" shall include the plural of that term" (13.32.020).

TREE #	BOTANICAL NAME	COMMON NAME	MS DBH	TOTAL DBH	CIRCUMFERENCE	ORDINANCE TREE	LOCATION	NATIVE	HEALTH	PRESERVATION SUITABILITY	NOTES	DISPOSITION
1	Alianthus altissima	Tree of Heaven	3.5"x5, 3.1"x7, 1"	49.2	154	YES	Eastern property line	No	2	Poor	volunteer-invasive species	Remove
2	Alianthus altissima	Tree of Heaven	-	4.0	13		Eastern property line	No	2	Poor	volunteer-invasive species	Remove
3	Alianthus altissima	Tree of Heaven	-	4.0	13		Eastern property line	No	2	Poor	volunteer-invasive species	Remove
4	Alianthus altissima	Tree of Heaven	6"x3, 4	21.0	66	YES	Eastern property line	No	2	Poor	volunteer-invasive species	Remove
5	Alianthus altissima	Tree of Heaven	6"x3, 4	21.0	66	YES	Eastern property line	No	2	Poor	volunteer-invasive species	Remove
6	Alianthus altissima	Tree of Heaven	4, 5	9.0	28		Eastern property line	No	2	Poor	volunteer-invasive species	Remove
7	Alianthus altissima	Tree of Heaven	-	2.0	6		Eastern property line	No	2	Poor	volunteer-invasive species	Remove
8	Alianthus altissima	Tree of Heaven	2, 2	4.0	13		Eastern property line	No	2	Poor	volunteer-invasive species	Remove
9	Alianthus altissima	Tree of Heaven	-	3.0	9		Eastern property line	No	2	Poor	volunteer-invasive species	Remove
10	Alianthus altissima	Tree of Heaven	2, 6, 6	14.0	44		Eastern property line	No	2	Poor	volunteer-invasive species	Remove
11	Alianthus altissima	Tree of Heaven	-	8.0	25		Eastern property line	No	2	Poor	volunteer-invasive species	Remove
12	Alianthus altissima	Tree of Heaven	8"x2, 7, 6	29.0	91	YES	Eastern property line	No	2	Poor	volunteer-invasive species	Remove
13	Alianthus altissima	Tree of Heaven	2"x3, 1, 6, 4, 3	20.0	63	YES	Eastern property line	No	2	Poor	volunteer-invasive species	Remove
14	Alianthus altissima	Tree of Heaven	3"x3, 1	10.0	31		Eastern property line	No	2	Poor	volunteer-invasive species	Remove
15	Alianthus altissima	Tree of Heaven	4.8"x2, 3"x2, 2	17.6	55		Eastern property line	No	2	Poor	volunteer-invasive species	Remove
16	Alianthus altissima	Tree of Heaven	8, 7, 4, 3, 2	24.0	75	YES	Eastern property line	No	2	Poor	volunteer-invasive species	Remove
17	Alianthus altissima	Tree of Heaven	4, 2, 3, 2.7	11.7	37		Along existing building	No	2	Poor	volunteer-invasive species	Remove
18	Alianthus altissima	Tree of Heaven	-	9.0	28		Eastern property line	No	2	Poor	volunteer-invasive species	Remove

TREE #	BOTANICAL NAME	COMMON NAME	MS DBH	TOTAL DBH	CIRCUMFERENCE	ORDINANCE TREE	LOCATION	NATIVE	HEALTH	PRESERVATION SUITABILITY	NOTES	DISPOSITION
19	<i>Alanthus altissima</i>	Tree of Heaven	7, 3, 3, 4	17.0	53		Eastern property line	No	2	Poor	volunteer-invasive species	<i>Remove</i>
20*	<i>Alanthus altissima</i>	<i>Tree of Heaven</i>	-	40.6	127	YES	<i>offsite, under power lines</i>	<i>No</i>	3	<i>Poor</i>	<i>*Off-site tree, In conflict with required driveway</i>	<i>Remove</i>







