

TREE DENSITY PLAN

ID KEY	BOTANICAL NAME	COMMON NAME	QTY	DBH	Density Units	Density Total	REMARKS
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EXISTING DENSITY FACTOR (EDF)							
M-4	<i>Acer</i>	Maple	1	4	1.5	1.5	
M-6	<i>Acer</i>	Maple	1	6	2.4	2.4	
M-11	<i>Acer</i>	Maple	1	11	3.6	3.6	
M-12R	<i>Acer</i>	Maple	1	12	4.2	4.2	To be removed
M-14	<i>Acer</i>	Maple	1	14	4.8	4.8	
M-22R	<i>Acer</i>	Maple	1	22	6.3	6.3	To be removed
C-6	<i>Cedar</i>	Cedar	1	6	2.4	2.4	
D-3R	<i>Cornus florida</i>	Flowering Dogwood	4	3	1	4	To be removed
D-4	<i>Cornus florida</i>	Flowering Dogwood	1	4	1.5	1.5	
D-6	<i>Cornus florida</i>	Flowering Dogwood	1	6	2.4	2.4	
H-4	<i>Ilex</i>	Holly	5	4	1.5	7.5	
H-6R	<i>Ilex</i>	Holly	5	6	2.4	12	To be removed
CM-R	<i>Lagerstromia indica</i>	Crapemyrtle	12	2	0.5	6	To be removed
P-6	<i>Pinus</i>	Pine	1	6	2.4	2.4	
P-6R	<i>Pinus</i>	Pine	1	6	2.4	2.4	To be removed (dead)
P-7	<i>Pinus</i>	Pine	2	7	2.4	4.8	
P-15	<i>Pinus</i>	Pine	1	15	4.8	4.8	
P-16	<i>Pinus</i>	Pine	2	16	5.3	10.6	
P-19	<i>Pinus</i>	Pine	1	19	5.7	5.7	
PC-6R	<i>Prunus</i>	Plum	2	6	2.4	4.8	To be removed (1 is dead)
PCB-14	<i>Pyrus calleryana</i> 'Bradford'	Bradford Callery Pear	1	14	4.8	4.8	
PCB-20	<i>Pyrus calleryana</i> 'Bradford'	Bradford Callery Pear	1	20	6.0	6	
O-6	<i>Quercus</i>	Oak	1	6	2.4	2.4	
O-12	<i>Quercus</i>	Oak	1	12	4.2	4.2	
O-14	<i>Quercus</i>	Oak	1	14	4.8	4.8	
O-15	<i>Quercus</i>	Oak	1	15	4.8	4.8	
O-15R	<i>Quercus</i>	Oak	1	15	4.8	4.8	To be removed
O-17R	<i>Quercus</i>	Oak	1	17	5.3	5.3	To be removed
O-18	<i>Quercus</i>	Oak	1	18	5.7	5.7	
O-19	<i>Quercus</i>	Oak	1	19	5.7	5.7	
O-22	<i>Quercus</i>	Oak	1	22	6.3	6.3	
TOTAL						148.9	

PROPOSED FOR REMOVAL							
M-12R	<i>Acer</i>	Maple	1	12	4.2	4.2	To be removed
M-22R	<i>Acer</i>	Maple	1	22	6.3	6.3	To be removed
D-3R	<i>Cornus florida</i>	Flowering Dogwood	4	3	1	4	To be removed
H-6R	<i>Ilex</i>	Holly	5	6	2.4	12	To be removed
CM-R	<i>Lagerstromia indica</i>	Crapemyrtle	12	2	0.5	6	To be removed
P-6R	<i>Pinus</i>	Pine	1	6	2.4	2.4	To be removed
PC-6R	<i>Prunus</i>	Plum	2	6	2.4	4.8	To be removed
O-15R	<i>Quercus</i>	Oak	1	15	4.8	4.8	To be removed
O-17R	<i>Quercus</i>	Oak	1	17	5.3	5.3	To be removed
TOTAL						49.8	

REPLACEMENT DENSITY FACTOR (RDF)							
AR	<i>Acer rubrum</i> 'Red Sunset'	Red Maple	6	3" cal	0.5	3	
CF	<i>Cornus florida</i>	Flowering Dogwood	6	2" cal	0.5	3	
HC	<i>Halesia carolina</i>	Carolina Silverbell	1	3" cal	0.5	0.5	
OA	<i>Oxydendrum arboreum</i>	Sourwood	5	2" cal	0.5	2.5	
TOTAL						9.0	

DENSITY FACTOR CALCULATIONS							
Existing Density Factor (EDF)						148.9	
Proposed For Removal						49.8	
Replacement Density Factor (RDF)						9	
Net						108.1	
Site Density Factor (SDF)			30 units x 1.509 acres			45.3	

