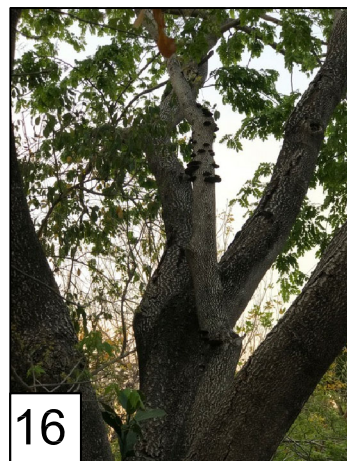
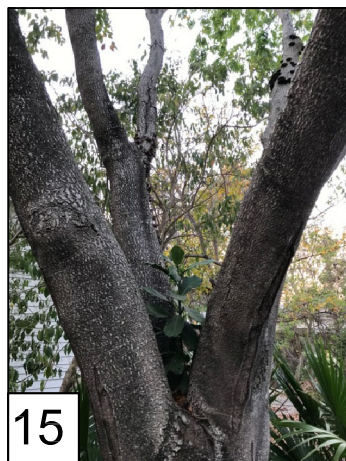
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Common Name/Botanical Name	Size	Status	Cond	Remain/Remove/Transplant	Arborist Remarks
1 Ixora/Ixora coccinea	Shrub 6-8' oa	npr	good	Remain	photo 2
2 Ixora/Ixora coccinea	Shrub 6-8' oa	npr	good	Remain	
3 Gumbo Limbo/Bursea simaruba	16.7" dsh 18'x15'w	regulated	fair	Remain	neighbors property, codominant @2', leaning south
4 Ixora/Ixora coccinea	Shrub	npr	good	Remain	
5 Ixora/Ixora coccinea	Shrub	npr	good	Remain	
6 Ixora/Ixora coccinea	Shrub	npr	good	Remain	
7 Ixora/Ixora coccinea	Shrub	npr	good	Remain	
8 Pink Tabebuia/Tabebuia heterophylla	17.5" dsh 25'x15'w	npr	poor	Remain	shared tree, ccdominant branches with included bark, leaning south, in utility lines, topped, growing under concrete pad
9 Pink Tabebuia/Tabebuia heterophylla	13.25" dsh 20'x10'w	npr	poor	Remain	shared tree, uprooted, leaning north and west, in utility lines, topped, growing under concrete pad Photo 3
10 Pink Tabebuia/Tabebuia heterophylla	20" dsh 40'x20'w	npr	poor	Remain	shared tree, ccdominant branches with included bark, in utility lines, topped, growing under concrete pad
11 Jamaican Caper/Capparis cynophallophora	3.3" dsh 10-12'x8'w	regulated	good	Remain	retain and protect Photo 4
12 Strangler Fig/Ficus aurea	6.33" dsh 8 40'x30'w	regulated	good	Remain	large, shared cn property line, growing over fence approximately 75% in neighbors property, retain protect Photo 5
13 Green Island Ficus/Ficus microcarpa	Shrub 3' oa	npr	fair	Remain	in planter, 42'x4'
14 Christmas Palm/Adonidia merrillii	Double 13' oa	regulated	good	Transplant	transplant, see L3.00
15 Christmas Palm/Adonidia merrillii	Double 13' oa	regulated	good	Transplant	transplant, see L3.00
16 Plumbago/Ceratostigma plumbaginoides	Shrub	npr	good	Remain	
17 Arboricola/shefflera arboricola	Shrub	npr	good	Remain	
18 Christmas Palm/Adonidia merrillii	Triple 8' oa	npr	good	Remain	remain
19 Arboricola/shefflera arboricola	Shrub	npr	good	Remain	
20 Plumbago/plumbago ariculata	Shrub	npr	good	Remain	
21 Arboricola/shefflera arboricola	Shrub	npr	good	Remove	affected by proposed plans
22 Bougainvillea species	Trellised	npr	poor	Remove	affected by proposed plans, poor condition
23 Arboricola/shefflera arboricola	Shrub 3' oa	npr	good	Remove	affected by proposed plans
24 Arboricola/shefflera arboricola	Shrub 3' oa	npr	good	Remove	affected by proposed plans
25 Arboricola/shefflera arboricola	Shrub 3' oa	npr	good	Remove	affected by proposed plans
26 Bougainvillea species	Trellised	npr	poor	Remove	affected by proposed plans, poor condition
27 Golden Dewdrop/Duranta erecta	Shrub 4'x3'	npr	fair	Remove	affected by proposed plans
28 Golden Dewdrop/Duranta erecta	Shrub 4'x3'	npr	fair	Remove	affected by proposed plans
29 Bougainvillea species	Trellised	npr	poor	Remove	affected by proposed plans, poor condition
30 Arboricola/shefflera arboricola	Shrub 3'x3'	npr	fair	Remove	affected by proposed plans
31 Arboricola/shefflera arboricola	Shrub 3'x3'	npr	fair	Remove	affected by proposed plans
32 Arboricola/shefflera arboricola	Shrub 3'x3'	npr	fair	Remove	affected by proposed plans
33 Bougainvillea species	Trellised	npr	poor	Remove	affected by proposed plans, poor condition
34 Arboricola/shefflera arboricola	Shrub 3'x3'	npr	fair	Remove	affected by proposed plans
35 Arboricola/shefflera arboricola	Shrub 3'x3'	npr	fair	Remove	affected by proposed plans
36 Arboricola/shefflera arboricola	Shrub 3'x3'	npr	fair	Remove	affected by proposed plans
37 Draceana species/	Shrub	npr	fair	Remain	
38 Yucca/	Shrub 8' h	npr	fair	Remain	
39 Fishtail Palm/caryota mitis	18' h	npr	poor	Remove	remove, poor condition
40 White Bird of Paradise/Strelitzia nicolai	4'x2' 2' h	npr	good	Remain	
41 Ponytail Palm/Beaucarnea recurvata	5'x10'	npr	fair	Remain	
42 Fishtail Palm/caryota mitis	6-7' h	npr	poor	Remove	remove, poor condition
43 Fishtail Palm/caryota mitis	18' h	npr	poor	Remove	remove, poor condition
44 Draceana species	Shrub 4' h	npr	fair	Remain	
45 Green Island Ficus/Ficus microcarpa	Shrub 3.5'x1'	npr	fair	Remain	
46 Pink Tabebuia/Tabebuia heterophylla	5.2" dsh 12'x5'w	npr	poor	Remain	leaning west, remain, outside property
47 Pink Tabebuia/Tabebuia heterophylla	15" dsh 25'x15'w	npr	poor	Remain	leaning into parking area, remain, outside property
48 Pink Tabebuia/Tabebuia heterophylla	6" dsh	npr	poor	Remain	north side of fence, topped, remain, outside property
49 Pink Tabebuia/Tabebuia heterophylla	6.7" dsh	npr	poor	Remain	north side of fence, topped, remain, outside property
50 Pink Tabebuia/Tabebuia heterophylla	5" dsh	npr	poor	Remain	north side of fence, topped, remain, outside property Photo 6
51 Pink Tabebuia/Tabebuia heterophylla	2" dsh	npr	poor	Remain	seedling, north side of fence, through fence, remain, outside property
52 Pink Tabebuia/Tabebuia heterophylla	3" dsh	npr	poor	Remain	seedling, north side of fence, through fence, remain, outside property
53 Pink Tabebuia/Tabebuia heterophylla	8.5" dsh	npr	poor	Remain	north side of fence, remain, outside property
54 Pink Tabebuia/Tabebuia heterophylla	5.5" dsh 25'x10'w	npr	poor	Remain	north side of fence, through fence, remain, outside property
55 Pink Tabebuia/Tabebuia heterophylla	14.75" dsh 35'x15'w	npr	poor	Remain	north side of fence, growing into fence and fence post, utility trimmed, remain, outside property
56 Pink Tabebuia/Tabebuia heterophylla	1.75" dsh	npr	poor	Remain	seedling, north side of fence, partially dead, uprooted, remain, outside property
57 Neem/Azadirachta indica	2.5" dsh 12'x4'w	npr	poor	Remain	
58 Pink Tabebuia/Tabebuia heterophylla	10.5" dsh 23'x12'w	npr	poor	Remain	north side of fence
59 Pink Tabebuia/Tabebuia heterophylla	3" dsh 20'x4'w	npr	poor	Remain	seedling, growing through fence, remain, outside property
60 Pink Tabebuia/Tabebuia heterophylla	4.2" dsh 22'x8'w	npr	poor	Remove	remove, poor condition
61 Christmas Palm/Adonidia merrillii	Triple 10'-16' oa	regulated	fair	Remain	
62 Pink Tabebuia/Tabebuia heterophylla	14" dsh 30'x20'w	npr	poor	Remain	north side of fence, codominant branch over fence, remain, outside property
63 Christmas Palm/Adonidia merrillii	20' h	regulated	fair	Remain	north side of fence, growing through fence, remain, outside property
64 Bamboo Palm/Chamaedorea seifrizii	Cluster 7 canes	npr	poor	Remove	remove, poor condition
65 Bamboo Palm/Chamaedorea seifrizii	Cluster 4 canes	npr	poor	Remove	remove, poor condition
66 Bamboo Palm/Chamaedorea seifrizii	Cluster 8 canes	npr	poor	Remove	remove, poor condition
67 Pink Tabebuia/Tabebuia heterophylla	14" dsh 37'x15'w	npr	fair	Remain	north side of fence, s-shaped dog leg back into this property, outside property
68 Sweet Acacia/Acacia farnesiana	14.6" dsh 12'x15'w	regulated	poor	Remove	remove, poor condition
69 Areca Palm/Dyopsis lutescens	Grouping 10'-12' oa	npr	fair	Remain	north side of fence, outside property
70 Christmas Palm/Adonidia merrillii	Cluster 11 6-18' oa	regulated	fair	Remove	remove, affected by proposed design
71 Christmas Palm/Adonidia merrillii	Cluster of 8 20'-22' oa	regulated	fair	Remain	north side of fence, outside property
72 Christmas Palm/Adonidia merrillii	Cluster of 5 8'-18' oa	regulated	fair	Remove	remove, affected by proposed design
73 Washingtonia Palm/Washingtonia robusta	40' oa	regulated	poor	Remove	remove, invasive exotic
74 Pink Tabebuia/Tabebuia heterophylla	8" dsh 25'x10'w	npr	poor	Remove	leaning east, remove, poor condition Photo 7
75 Pink Tabebuia/Tabebuia heterophylla	12" dsh 30'x20'w	npr	poor	Remove	remove, poor condition
76 Areca Palm/Dyopsis lutescens	Cluster 10'x6'w	npr	fair	Remain	north of fence outside property
77 Christmas Palm/Adonidia merrillii	18'-20' oa	regulated	good	Remove	through fence, remove, affected by proposed design
78 Frangipani/Plumeria	10.5" dsh 20'x18'w	regulated	fair	Remove	leaning south, through fence, remove or protect in place Photo 8
79 Draceana species	Shrub 10'x5'w	npr	poor	Remain	north side of fence, through fence, outside property
80 Gumbo Limbo/Bursea simaruba	10.6" dsh 20'x20'w	regulated	fair	Remain	4 codominant branches, remain, to be trimmed 4' CT
81 Gumbo Limbo/Bursea simaruba	3.3" dsh 18'x4'w	regulated	poor	Remove	seedling, leaning northwest, remove, poor condition
82 Satin Leaf/chrysophyllum olidiforme	6" dsh 20'x8'w	regulated	poor	Remove	Insects, crack in trunk at base, leaning north, remove, poor condition
83 Pink Tabebuia/Tabebuia heterophylla	20.2" dsh 22'x15'w	npr	poor	Remove	3 codominant branches from 1' above grade, limbs ripped away in rear, remove, poor condition
84 Coconut Palm/cocos nucifera	35'-40' oa	regulated	fair	Remain	north side of fence, leans over property, on fence, outside property
85 Satin Leaf/chrysophyllum olidiforme	5" dsh 10'x14'w	regulated	fair	Remain	leaning west
86 Gumbo Limbo/Bursea simaruba	9.5" dsh 20'x10'w	regulated	fair	Remain	leaning north over fence to neighbor, insect problems, remain
87 Jamaican Caper/Capparis cynophallophora	Multi 12" dsh 15'x10'w	regulated	fair	Remain	retain and protect Photo 9
88 Satin Leaf/chrysophyllum olidiforme	4.4" dsh 13'h	regulated	poor	Remove	leaning east, remove, poor condition
89 Royal Poiniana/Delonix regia	16.4" dsh 18'h 25'w	regulated	fair	Remain	cavity below ccdominant branch union on east side of tree, remain Photo 10
90 Jamaican Caper/Capparis cynophallophora	Multi 7.5" dsh 18'x8'w	regulated	fair	Remove	remove, affected by proposed design
91 Florida Thatch Palm/Thrinax radiata	8' oa	regulated	good	Transplant	transplant, see L3.00
92 Jamaican Caper/Capparis cynophallophora	Multi 2" dsh 10' oa	regulated	poor	Remove	through fence, remove, poor condition
93 Florida Thatch Palm/Thrinax radiata	10' h	regulated	good	Transplant	transplant, see L3.00
94 Jamaican Caper/Capparis cynophallophora	2" dsh	regulated	poor	Remove	seedling, remove, poor condition
95 Jamaican Caper/Capparis cynophallophora	Multi 10" dsh 16'x8'w	regulated	fair	Remove	remove, affected by proposed design
96 Jamaican Caper/Capparis cynophallophora	Multi 1" dsh	npr	poor	Remove	through fence, remove, poor condition
97 Jamaican Caper/Capparis cynophallophora	.75" dsh 5' oa	npr	fair	Remove	seedling, through fence, remove, affected by proposed design
98 Jamaican Caper/Capparis cynophallophora	Multi 14" dsh 18'x15'w	regulated	fair	Remove	remove, affected by proposed design
99 Jamaican Caper/Capparis cynophallophora	Multi 12" dsh 14'0h	regulated	poor	Remove	uprooted, remove, poor condition
100 Bamboo Palm/Chamaedorea seifrizii	3' h 1 cane	npr	poor	Remove	remove, affected by proposed design

101 Gumbo Limbo/Bursea simaruba	8.5" dsh 25' hx8'w	regulated	good	Remove	remove, affected by proposed design
102 Royal Poinciana/Delonix regia	21" dsh 18'x20'w	regulated	fair	Remain	remain Photo 11
103 Jamaican Caper/Capparis cynophallophora	5" dsh	npr	poor	Remove	seedling, through fence, remove, poor condition
104 Small Leaf Clusia/Clusia guttifer	14" dsh 20'x8'w	regulated	poor	Remove	partially uprooted, remove
105 Small Leaf Clusia/Clusia guttifer	14.3" dsh 20'x20'w	regulated	poor	Remove	remove, poor condition
106 Small Leaf Clusia/Clusia guttifer	16" dsh 20'x15'w	regulated	poor	Remove	partially uprooted, remove, poor condition
107 Small Leaf Clusia/Clusia guttifer	12.7" dsh 18'x20'w	regulated	poor	Remove	remove
108 Royal Poinciana/Delonix regia	25" dsh 25'x25'w	regulated	fair	Remain	retain and protect
109 Small Leaf Clusia/Clusia guttifer	18" dsh 20'x20w	regulated	poor	Remove	uprooted, remove, poor condition
110 Jamaican Caper/Capparis cynophallophora	5" dsh 7'x3'w	npr	fair	Remove	remove, no regulated, close proximity to 108
111 Fiji Fan Palm/Fritchardia pacifica	25' h	regulated	fair	Remove	remove, affected by proposed design
112 Gumbo Limbo/Bursea simaruba	4.7" dsh 14'x6'w	regulated	poor	Remove	topped, restricted growth due to overhead canopy, leaning south with dog leg, remove
113 Sabal Palm/Sabal palmetto	16' oa	regulated	poor	Remain	may require trimming to not conflict with utilities, city property
114 Pink Tabebuia/Tabebuia heterophylla	10" dsh 20'x10'w	npr	poor	Remove	remove, conflict with utilities, city property
115 Jamaican Caper/Capparis cynophallophora	5" dsh	npr	poor	Remove	seedling, remove, poor condition
116 Coconut Palm/cocos nucifera	40'	regulated	fair	Remain	retain and protect
117 Coconut Palm/cocos nucifera	Seedlings (5) 2'-4' oa	npr	good	Remove	remove, affected by proposed design
118 Brazilian Pepper/Schinus terebinthifolius	4" dsh	npr	poor	Remove	over fence, remove invasive
119 Pink Tabebuia/Tabebuia heterophylla	12" dsh 16'x8'w	npr	poor	Remove	uprooted, remove
120 Aralia/Polyscias	Shrub 3" dsh 12't 4'w	npr	poor	Remove	uprooted, broken, remove
121 Jamaican Caper/Capparis cynophallophora	18" dsh 18'x10'w	regulated	poor	Remove	partially uprooted, remove
122 Red Coco Plum/Chrysobalanus icaco v. red tip	7" dsh	regulated	poor	Remove	partially uprooted, remove
123 Jamaican Caper/Capparis cynophallophora	6" dsh 18'x10'w	regulated	poor	Remove	uprooted, remove
124 Gumbo Limbo/Bursea simaruba	1.3" dsh 8'-9'oa	regulated	poor	Remove	seedling, remove
125 Jamaican Caper/Capparis cynophallophora	15" dsh 18'x20'w	regulated	poor	Remove	uprooted, damaged, remove
126 Jamaican Caper/Capparis cynophallophora	14.6" dsh	regulated	poor	Remove	partially uprooted, remove
127 Pink Tabebuia/Tabebuia heterophylla	6" dsh 18'x8'w	npr	poor	Remain	through fence, remain, outside property
128 Surinam Cherry/Eugenia uniflora	Shrub 1" dsh 4'-5'oa	npr	poor	Remove	remove, invasive exotic
129 Veitchia/Veitchia spec.	<10 ft CT	npr	good	Remove	remove, affected by proposed design
130 Pink Tabebuia/Tabebuia heterophylla	27" dsh 32'x15'w	regulated	poor	Remain	retain and protect
131 Bamboo Palm/Chamaedorea seifrizii	2 canes 12' oa	npr	poor	Remove	remove, poor condition
132 Jamaican Caper/Capparis cynophallophora	multi 10" dsh 18'x6'w	regulated	poor	Remove	partially uprooted, remove
133 Pink Tabebuia/Tabebuia heterophylla	16.5" dsh	npr	poor	Remain	neighbor property south side of fence, on fence, 16.5" dia. branch growing north into property 12', remove limb
134 Jamaican Caper/Capparis cynophallophora	12" dsh 12'x10'w	regulated	poor	Remove	uprooted, remove
135 Jamaican Caper/Capparis cynophallophora	3" dsh 15'x5'w	regulated	poor	Remain	through fence, remain
136 Small Leaf Clusia/Clusia guttifer	6.7" dsh 10'x10'w	regulated	poor	Remove	partially uprooted, topped, remove
137 Pink Tabebuia/Tabebuia heterophylla	3.4" dsh 16'x6'w	npr	poor	Remove	remove, invasive exotic
138 Small Leaf Clusia/Clusia guttifer	7.5" dsh 15'x20'w	regulated	poor	Remove	uprooted, through fence, remove
139 Royal Poinciana/Delonix regia	7.1" dsh 30'x15'w	regulated	fair	Remain	retain and protect
140 Christmas Palm/Adonidia merrillii	18' oa	regulated	good	Remain	Remain , outside property
141 Gumbo Limbo/Bursea simaruba	18.1" dsh 30'x20'w	regulated	fair	Remain	on fence, leaning south at utility pole, remain, heavy maintenance trim Photo 14
142 NOT USED					
143 Small Leaf Clusia/Clusia guttifer	6.2" dsh 10'x8'w	regulated	poor	Remove	partially uprooted, remove
144 Draceana species	Shrub 7'x5'w	npr	poor	Remove	remove, not regulated, affected by proposed design
145 Myrsine/Rapanea punctata	<1" dsh Shrub 6'-10' h	npr	poor	Remain	Remain , outside property
146 Myrsine/Rapanea punctata	<1" dsh Shrub 6'-10' h	npr	poor	Remain	Remain , outside property
147 Myrsine/Rapanea punctata	<1" dsh Shrub 6'-10' h	npr	poor	Remain	Remain , outside property
148 Areca Palm/Dyopsis lutescens	3 canes 7'-8'	npr	fair	Remove	remove, not regulated, affected by proposed design
149 Areca Palm/Dyopsis lutescens	4 canes 8'-10'	npr	fair	Remove	remove, not regulated, affected by proposed design
150 Areca Palm/Dyopsis lutescens	10-14'oa 10 canes	npr	fair	Remove	remove, not regulated, affected by proposed design
151 Pink Tabebuia/Tabebuia heterophylla	5" dsh 18'x4'w	npr	poor	Remove	on roof, roots under structure, remove
152 Bamboo Palm/Chamaedorea seifrizii	5 canes 4' h	npr	poor	Remove	remove, poor condition
153 Christmas Palm/Adonidia merrillii	6' oa	npr	good	Remove	remove, not regulated, affected by proposed design
154 Keys Thatch Palm/Leucothrinax morrisii	double 8', 3' h	regulated	good	Transplant	transplant, see L3.00
155 Keys Thatch Palm/Leucothrinax morrisii	triple, 6'-11' h	regulated	good	Transplant	transplant, see L3.00
156 Keys Thatch Palm/Leucothrinax morrisii	triple 5'-6' h	regulated	good	Transplant	transplant, see L3.00
157 Pink Tabebuia/Tabebuia heterophylla	13.6" @base 30'x10'w	npr	poor	Remove	remove, invasive exotic
158 Pink Tabebuia/Tabebuia heterophylla	11.3" dsh 30'x20'w	npr	poor	Remove	remove, invasive exotic
159 Washingtonia Palm/Washingtonia robusta	40' oa	regulated	poor	Remove	remove, poor condition
160 Jamaican Caper/Capparis cynophallophora	2" dsh 5.5'x5'w	regulated	poor	Remove	hedged, remove
161 Gumbo Limbo/Bursea simaruba	6.5" dsh 15'x12'w	regulated	poor	Remove	leaning south, under cancpy, remove
162 Washingtonia Palm/Washingtonia robusta	4'oa	npr	poor	Remove	remove, invasive exotic
163 Raintree Tree/Samanea saman	25' @3'h	regulated	poor	Remove	tree in decline, sunscald, fungus, dead limbs, remove Photo 15, 16, 17, 18
164 Green Thatch Palm/Thrinax radiata	5' oa	regulated	good	Transplant	transplant, see L3.00 Photo 19
165 Green Thatch Palm/Thrinax radiata	6' oa	regulated	good	Transplant	transplant, see L3.00
166 Green Thatch Palm/Thrinax radiata	6' oa	regulated	good	Transplant	transplant, see L3.00
167 Green Thatch Palm/Thrinax radiata	6' oa	regulated	good	Transplant	clump, transplant, see L3.00
168 Fiddle Wood/Citharexylum spinosum	7.3" dsh 13'x10'w	regulated	poor	Remove	remove, poor condition
169 Pink Tabebuia/Tabebuia heterophylla	5.8" dsh 20'x8'w	npr	poor	Remove	remove, invasive exotic
170 Pink Tabebuia/Tabebuia heterophylla	2.7" dsh 13'x6'w	npr	poor	Remove	remove, invasive exotic
171 Pygmy Date Palm/Phoenix roebellenii	Triple 6'-12' oa	npr	poor	Remove	remove, poor condition
172 Mahogany/Swetenia mahogoni	9.7" dsh 20'x12'w	regulated	poor	Remove	remove, poor condition
173 Pink Tabebuia/Tabebuia heterophylla	9" dsh 20'x8'w	npr	poor	Remove	remove, invasive exotic
174 Pink Tabebuia/Tabebuia heterophylla	4.7" dsh 25'x6'w	npr	poor	Remove	remove, invasive exotic
175 Gumbo Limbo/Bursea simaruba	6.4" dsh 18'x10'w	regulated	poor	Remove	codominant branches, remove Photo 20
176 Pink Tabebuia/Tabebuia heterophylla	8.4" dsh 25'x12'w	npr	poor	Remove	remove, invasive exotic
177 Gumbo Limbo/Bursea simaruba	8.5" dsh 8'x20'w	regulated	poor	Remove	remove, poor condition
178 Pink Tabebuia/Tabebuia heterophylla	5.2" dsh 18'x6'w	npr	poor	Remove	leaning south, remove
179 Pink Tabebuia/Tabebuia heterophylla	8.9" dsh 23'x12'w	npr	poor	Remove	under concrete walkway, remove
180 Crinum Lilly/Cinum spp.	2 plants 3' oa	npr	fair	Remove	remove
181 Green Thatch Palm/Thrinax radiata	6' oa	regulated	good	Transplant	transplant, see L3.00

[illegible]

DRAWING NUMBER

DRAWING NAME
TREE PHOTOS

[illegible]

PROJECT NUMBER

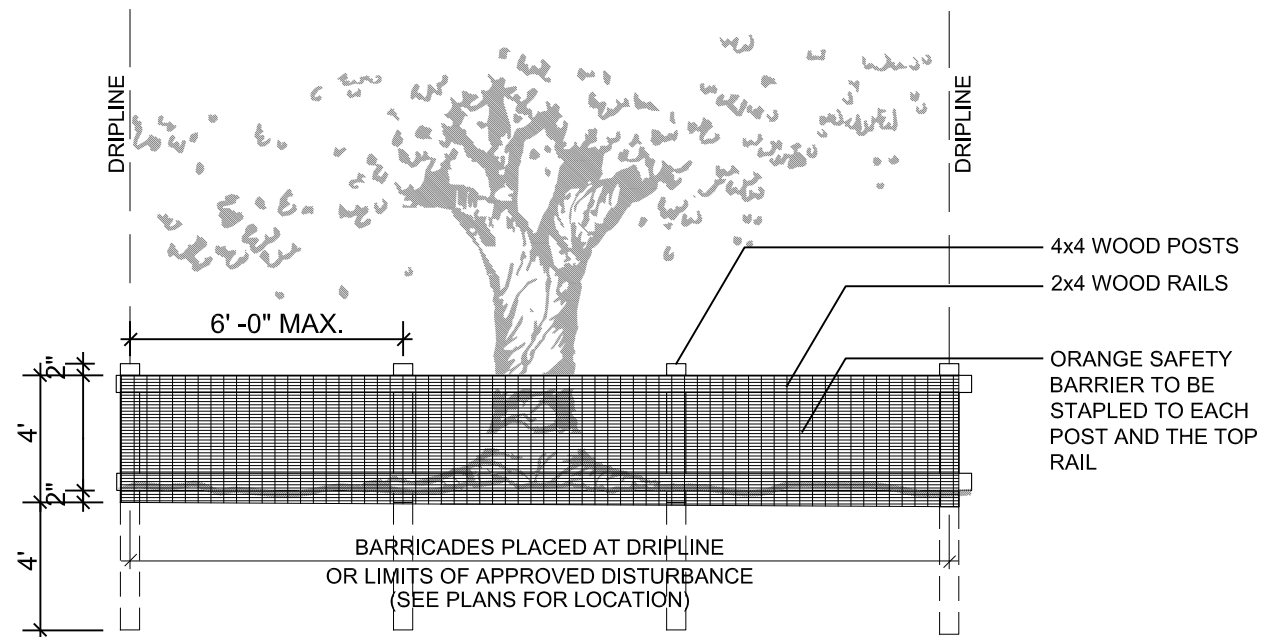
DRAWING NUMBER

L.004


DRAWING NAME

TREE PHOTOS

1. Protect designated existing trees scheduled to remain against:
 - Unnecessary cutting, breaking, or skinning of roots
 - Skinning and bruising of bark
 - Smothering of trees by stockpiling construction or excavation materials within protection barrier
2. Protection barriers (tree barricades) shall be plainly visible and shall create a continuous boundary around trees or vegetation clusters in order to prevent encroachment within the barricade.
3. For all trees to be preserved, see Tree Protection and Barricade Elevation detail.
4. No grade changes shall be made within the protective barrier zones without prior approval.
5. The method of protection is to make certain that 50% of the area under the canopy dripline remains undisturbed (no grade change or root cut) and there shall be no disturbance to the root plate.
6. General contractor shall be responsible for the replacement and mitigation costs of trees damaged beyond repair that have been identified as protected and preserved. If trees are harmed through lack of protection or through negligence on the part of the contractor, the contractor shall bear the burden of the cost of repair or replacement.
7. Root pruning shall be done by or under supervision of an ISA certified arborist, and meet or exceed ANSI A300 or approved tree care industry standards. A certified arborist must be onsite during the entirety of root pruning.
8. No root pruning shall be done within a distance of 3x the diameter the tree unless authorized by the arborist.
9. No more than 30% of the trees roots may be pruned.
10. A pruning trench shall be cleared in a way that exposes the roots while leaving them intact. Use hand tools or an air knife. Limits of trench to be determined by the arborist.
11. All roots outside of the protective barricade to be removed during the development shall be severed clean using a sharp tool to provide a clean cut. Roots shall be left with clean smooth ends and no ragged edges and a two-inch layer of mulch shall be applied over the surface of exposed roots during development within one hour of damage or exposure.
12. After pruning, tree roots shall be covered and kept moist. Fill pruning trench with topsoil and water daily for a period determined by the arborist.



LEGEND

 TREE PROTECTION BARRIER

1316 ROYAL STREET
KEY WEST, FLORIDA

[illegible]

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ZONE CHART

ZONE	PLANT (TYPE)	IRRIGATION (TYPE)	WATER (DEMAND)	PRECIP. (RATE)	APPLIC. (IN. PER WEEK REQ.)	GPM (GPM)	MINUTES (PER CYCLE)	TOTAL (GALLONS)
1	PLANT	DRIP	LOW	1.5	0.5	15	10	150
2	PLANT	DRIP	LOW	1.5	0.5	12	10	120
3	PLANT	DRIP	LOW	1.5	0.5	13	10	130
						40	30	400

TOTAL GPM PER RUN CYCLE	800
TOTAL GPM PER WEEK (PEAK WEEKLY DEMAND)	

THE RUN TIMES SHOWN FOR THE ZONE IS FOR ONE RUN CYCLE AND WILL PROVIDE HALF THE REQUIRED AMOUNT OF WATER NEEDED PER WEEK. TWO RUN CYCLES PER WEEK ARE REQUIRED TO PROVIDE THE TOTAL WEEKLY REQUIREMENT. ALL RUN TIMES SHALL BE SET TO FOLLOW THE CURRENT WATER MANAGEMENT DISTRICT REGULATIONS AND REDUCED TO ONLY ONE RUN TIME PER WEEK WHEN RESTRICTED BY DAYLIGHT SAVINGS TIME OR WATER RESTRICTIONS. THE ZONE CHART IS PROVIDED AS A GENERAL OUTLINE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE TO SET THE RUN TIMES BASED ON THE SPECIFIC SITE CONDITIONS AND PLANT REQUIREMENTS. THIS SHALL INCLUDE, BUT NOT LIMITED TO, SOIL TYPE, DRAINAGE, SLOPES, SUN EXPOSURE AND THE ESTABLISHMENT PERIOD. THE TOTAL GPM REQUIRED PER YEAR WILL BE LESS THAN THE PEAK DEMAND PER WEEK TIMES 52 WEEKS, BASED ON THE RUN TIMES BEING REDUCED BY SENSORS AND A REDUCED WATER DEMAND IN THE WINTER MONTHS.

GENERAL NOTES

- 1) INSTALL ALL DRIP TUBING TO GROUND LEVEL AFTER FINAL INSTALLATION. INSTALL NETAFIM TLS6 U SHAPED WIRE STABILIZERS A MIN. OF 4' O.C. TO HOLD THE LINES IN PLACE.
- 2) KEEP ALL DRIP LINE CLEAN AT ALL TIMES BEFORE THE FINAL CONNECTION. ALL TUBE ENDS SHALL BE INTERCONNECTED TO ALL OTHER DRIP TUBES. DO NOT DEAD END TUBING. SINGLE ROWS SHALL HAVE A END CAP AND NOT BENT OVER OR TAPED.
- 3) AVOID SHARP BENDS IN THE TUBING. DO NOT BEND THE TUBING WITH LESS THEN A 12" RADIUS. THERE SHALL NOT BE ANY KINKS IN THE TUBING.
- 4) ALL DRIP TUBING SHALL HAVE UNIFORM SPACING AND BURIAL DEPTH. THE PLAN DOES NOT ALWAYS REFLECT THE EXACT SPACING OR LAYOUT OF THE TUBING. LAYOUT THE TUBING DOWN THE LONGEST WIDTH WHEN POSSIBLE. ADAPT THE TUBING TO CURVED BEDS OR PLANTERS AS REQUIRED. ADJUST AND ADAPT THE TUBING FOR ALL TREES. REFER TO THE TREE DRIP RING DETAIL.
- 5) INSTALL DRIP TUBING TO ALL AREAS THAT SHALL RECEIVE PLANT MATERIAL.
SEE THE LANDSCAPE PLAN FOR THE EXACT LOCATIONS. THERE SHALL BE A MINIMUM OF TWO ROWS OF TUBING ON A SINGLE ROW OF PLANTS.
- 6) SPACE TUBING AS NOTED ON THE PLAN. DO NOT SNAKE TUBING BACK AND FORTH EXCEPT WHERE SHOWN ON THE PLAN. ALWAYS INSTALL A HEADER PIPE UNLESS THE TOTAL GALLONAGE OF AN AREA IS 3 GPM OR LESS.
- 7) REFER TO THE MANUFACTURERS DRIP INSTALLATION MANUAL FOR INSTALLATION INSTRUCTIONS. ALL FITTINGS SHALL BE THE SAME TYPE AND MANUFACTURER AS THE DRIP TUBING.
- 8) ALWAYS FLUSH ALL LINES BEFORE FINAL CONNECTION.
- 9) INSTALL A "SYSTEM ON" INDICATOR FLAG ON EVERY ZONE WHERE IT IS SEEN FROM THE CONTROL VALVE.
- 10) ALL MAINLINE PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OF COVER. ALL LATERAL PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 12" OF COVER.
- 11) ALL CONTROL WIRES SPLICES SHALL BE MADE IN VALVE BOXES USING 3M DBR-Y CONNECTORS AND SEALANT AND ALL WIRE SHALL BE 14 GAUGE, EXCEPT AS DETAILED FOR TWO-WIRE SYSTEMS.
- 12) ANY PIPING SHOWN OUTSIDE THE PROPERTY LINE OR RUNNING OUTSIDE A LANDSCAPE AREA IS SHOWN THERE FOR CLARITY ONLY. ALL LINES SHALL BE INSTALLED ON THE PROPERTY AND INSIDE THE LANDSCAPE AREAS OR INSIDE A SCH. 40 SLEEVE.
- 13) THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE ANY EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIRS AND COST OF ANY DAMAGE CAUSED BY THEIR WORK.
- 14) INSTALL FLUSH VALVES WHERE SHOWN AT THE ENDS OF EACH RUN OF DRIP TUBING AND ONE FOR EVERY 15 GPM OF TUBING.
- 15) CLEARLY AND NEATLY MARK THE TOP OF EACH VALVE BOX WITH THE TYPE OF EQUIPMENT THAT IT CONTAINS. (IE. VALVE, FLUSH VALVE, ETC.)
- 16) THE DRIP ZONE VALVE ASSEMBLY SHALL BE PLACED INSIDE AN ARMOR JUMBO VALVE BOX. THE VALVE SHALL BE INSTALLED AS PER THE DETAIL ON THE PLANS.
- 17) THE DRIP TUBING SHALL HAVE EMITTERS EVERY 12' AND SHALL BE SPACED 12' APART IN GROUND COVER BEDS AND A MINIMUM OF TWO RUNS FOR EACH ROW OF SHRUBS WHEN THE SHRUBS ARE SPACED FARTHER THAN 2' ON CENTER.
- 18) REFER TO THE ZONE CONTROL KIT DETAIL FOR FILTER SIZES.
- 19) THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THEIR WORK WITH THE LANDSCAPE CONTRACTOR.
- 20) REFER TO THE LANDSCAPE PLANS WHEN TRENCHING TO AVOID TREES AND SHRUBS. HAND DIG AROUND ANY EXISTING TREES. DO NOT CUT ANY ROOTS OVER 2" IN DIAMETER.
- 21) THE CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING SHOWING ALL IRRIGATION INSTALLATION. THE CONTRACTOR SHALL NEATLY MARK IN RED INK ON WHITE BOND PAPER ANY INSTALLATION THAT DEVIATES FROM THE PLAN. THE AS-BUILT DRAWING SHALL ALSO LOCATE ALL MAINLINE AND VALVES BY SHOWING EXACT MEASUREMENTS FROM HARD SURFACES. MEASUREMENTS SHALL BE MARKED ON THE PLAN EVEN WHEN THE EQUIPMENT IS INSTALLED IN THE EXACT LOCATION AS THE PLAN.
- 22) ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST ALL DEFECTS IN EQUIPMENT AND WORKMANSHIP. (OR AS OUTLINED IN THE WRITTEN SPECIFICATIONS)
- 24) 48 HOURS BEFORE DIGGING, CALL 1-800-432-4770 (SUNSHINE STATE ONE CALL CENTER)

1312 ROYAL STREET
KEY WEST, FLORIDA

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PROJECT NUMBER

DRAWING NUMBER

L.401

DRAWING NAME
IRRIGATION DETAILS

Diagram illustrating the installation of Rainbird Xeri-Bubbler and Netafim Dripline Loop for a tree root ball.

The diagram shows a cross-section of a tree root ball with a central trunk. A horizontal line represents the ground surface. A vertical line indicates the center of the tree.

Key components and dimensions:

- RAINBIRD XERI-BUBBLER:** Indicated by a line pointing to the central bubblers within the root ball.
- NETAFIM DRIPLINE LOOP:** Indicated by a line pointing to the loop of tubing surrounding the root ball.
- Dimensions:**
 - The root ball diameter is marked as **12"**.
 - The distance from the ground surface to the top of the root ball is marked as **6"**.

INSTALL THREE RAINBIRD XERI-BUBBLERS (UXB-360) 0-35 GPH ON ALL CANOPY TREES AND ANY TREE 65 GALLON OR LARGER (1 TO 2 GPM) OR AS REQUIRED TO PROVIDE PROPER COVERAGE.

2. CONTINUE 14 GAUGE WIRE TO THE CONTROLLER. INSTALL THE WIRE UNDER THE MAIN. INSTALL IN CONDUIT WHERE THE MAIN DOES NOT CONTINUE. (EXCEPT TWO-WIRE SYSTEMS)
3. HUNTER ICV VALVE
4. WATERPROOF CONNECTORS (DBY ON TWO-WIRE SYS.)
5. PVC UNION FOR SERVICING ASSEMBLY.
6. JUMBO PLASTIC VALVE BOX.
7. PVC PIPE FROM POINT OF CONNECTION. (45 OR 90 DEG.)
8. PVC PIPE TO IRRIGATION ZONE.
9. SOIL SEPARATOR FABRIC W/ BRICK UNDER EACH CORNER
10. FINISHED GRADE.

A cross-sectional diagram of a Rain Bird subterranean emitter box. The box is a rectangular structure partially buried in the ground. The top of the box is flush with the ground surface, which is labeled "FINISH GRADE". The box is labeled "RAINBIRD SUBTERRANEAN EMITTER BOX". Inside the box, there is a vertical pipe labeled "BLANK TUBING" that extends downwards. At the top of the box, there is a horizontal pipe labeled "BRAND F-VALVE INTO LID FOR FLUSH VALVE". Below the box, there is a layer of "MULCH" and a layer of "AUTO FLUSH VALVE".

INDICATOR FLAG

SUPER FLEX UV WHITE TUBING

STAKE

FINISH GRADE

BARB x BARB CONNECTOR

TUBING

EXISTING SOIL

COMPACT THE BACKFILL TO AVOID SETTLING

LATERAL OR MAINLINE

12" FOR LATERAL PIPE AND 18" FOR THE MAIN

CONTROL WIRES

The diagram illustrates a trench cross-section. A central circular pipe is shown, surrounded by a hatched area representing backfill. A horizontal line indicates the ground surface. A vertical dimension line on the right side of the pipe indicates the required backfill height: 12 inches for lateral pipes and 18 inches for mainline pipes. Labels with leader lines point to various components: 'EXISTING SOIL' points to the ground surface; 'COMPACT THE BACKFILL TO AVOID SETTLING' points to the hatched backfill area; 'LATERAL OR MAINLINE' points to the pipe; and 'CONTROL WIRES' points to a bundle of wires at the bottom of the trench.

Diagram illustrating the Hunter Mini-Click installation system components and connections:

- RAIN SENSOR:** A sensor unit mounted on a building wall.
- ATTACH TO BUILDING:** A bracket or mounting hardware used to secure the sensor to the building structure.
- EXTEND PAST EYE OF BLDG. ELECTRICAL CONDUIT 120 V.:** A vertical conduit pipe extending from the sensor area down the side of the building.
- PVC CONDUIT TO THE START OF THE MAINLINE. PLACE WIRES UNDER MAINLINE OR INSIDE CONDUIT.:** A section of conduit connecting the mainline to the sensor area.
- GROUND WITH 5/8" X 8' COPPER COATED RODS TO 10 OHMS OR LESS. MAKE CONNECTION WITH CADIWELD PLUS ONE SHOT.:** A large vertical rod driven into the ground, connected to the system via a Cadiweld Plus One Shot connection.
- WALL OF BUILDING:** The structure to which the sensor and conduit are attached.
- GROUND ROD:** The vertical rod driven into the ground for grounding.
- CONTROLLER:** A rectangular box mounted on the wall, connected to the sensor and the ground rod.

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