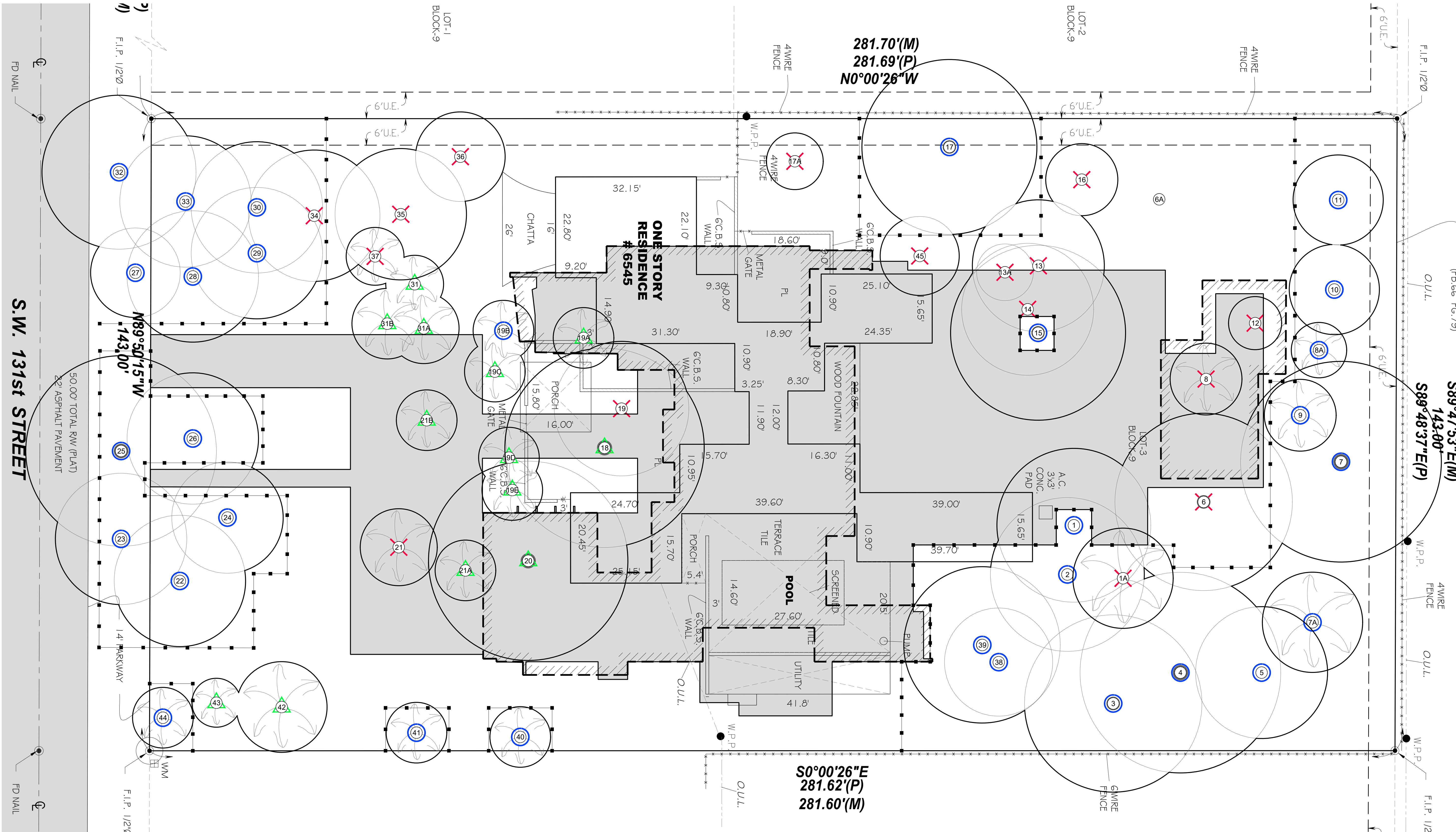
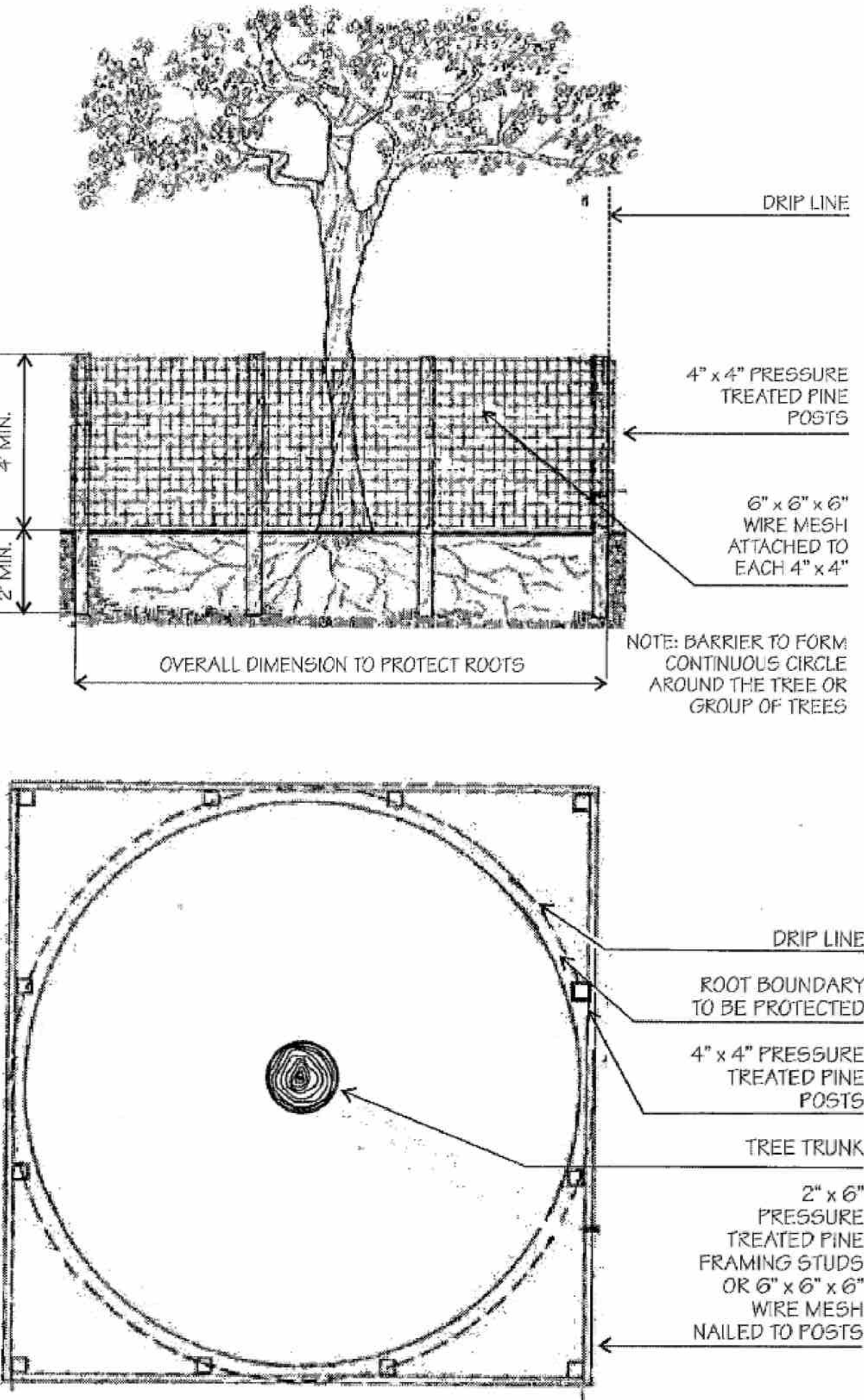
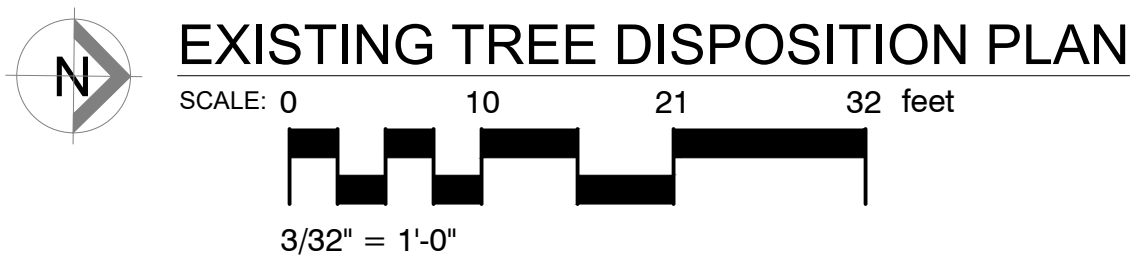




IT IS CRITICAL TO EXISTING TREE SURVIVAL TO PROVIDE PROTECTION DURING CONSTRUCTION. THIS DETAIL CAN BE USED AROUND ONE OR MORE TREES AND WILL PROVIDE PROTECTION FROM CONSTRUCTION EQUIPMENT.



EXISTING TREE PROTECTION DETAIL



EXISTING TREE DISPOSITION PLAN

Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

TREE DISPOSITION LEGEND

- Existing tree or palm to be transplanted
- Existing tree or palm to be removed
- Existing tree and palm to remain in their existing location and be protected during construction, no construction or excavation shall be permitted within the dripline of the trees.
- LIMITS OF EXISTING TREE & PALM PROTECTION ZONE
- PROPOSED BUILDING & PAVED AREAS

Existing Tree Disposition List													
No.	Scientific Name	Common Name	SPECS				MITIGATION			Condition	Disposition	Reason for removal	Comments
			DBH (in)	Height (ft)	Spread (ft)	CANOPY LOSS (SQ.FT)	D.B.H.	PALMS	CANOPY				
1	Quercus virginiana	Live oak	20	45	35	962				Good	Remain		
1A	Strelitzia nicolai	White bird of paradise	Cluster	20	20	314				Fair	Remove		Species not considered a tree
2	Ficus aurea	Strangler fig	30	50	35					Fair	Remain		
3	Quercus virginiana	Live oak	17	36	32					Fair	Remain		
4	Quercus virginiana	Live oak	25	33	30					Fair	Remain		
5	Quercus virginiana	Live oak	17	33	15					Good	Remain		
6	Quercus virginiana	Live oak	24	18 OA	20		24			Good	Remove	New house	
7	Quercus virginiana	Live oak	28	18 OA	20					Good	Remain		
7A	Dyopsis lutescens	Areca palm	cluster	26	25					Good	Remain		
8	Diosposma album	hurricane palm	10	20	15			1 Palm/Tree		Good	Remove	New house	
8A	Coccolrinax miraguama	Miraguama palm	4	12	8					Good	Remain		
9	Dyopsis leptochelys	teddy bear palm	6	20	15					Good	Remain		
10	Mangifera indica	Mango	8	20	20					Good	Remain		
11	Manilkara zapota	Sapodilla	4	20	20					Good	Remain		
12	Persea americana	Avocado	7	10	12	113			113	Good	Remove	New house	
13	Simaruba glauca	paradise tree	9	25	30	707			707	Fair	Remove	New house	
13A	Bursera simaruba	Gumbo limbo	5	16	12	113	5			Fair	Remove	New house	
14	Bursera simaruba	Gumbo limbo	15	45	35	962	15			Good	Remove	New house	
15	Quercus virginiana	Live oak	25	45	40	201				Good	Remain		low aspect codom
16	Pouteria sapota	mamey sapote	9	16	16	201			201	Fair	Remove	New house	
16A	Litchi chinensis	lychee	5	16	12	113				Good			
17	Quercus virginiana	Live oak	22	50	40	1,257				Fair	Remain		Lean
17A	Bulnesia arborea	Verawood	4	16	12					Good	Remove	septic system conflicts	
18	Quercus virginiana	Live oak	25	45	45	1,590				Fair			It has Platycerum to transplant
19	Quercus virginiana	Live oak	15	40	30	707	15			Fair	Remove		
19A	Thrinax radiata	Florida thatch palm	6	30	12	113				Fair	Transplant		20'c.t
19B	Thrinax radiata	Florida thatch palm	6	20	12					Fair	Transplant		18'
19C	Thrinax radiata	Florida thatch palm	5	22	12					Fair	Transplant		20'c.t
19D	Coccothrinax crinita	old man palm	9	12	10					Fair	Transplant		
19E	Coccothrinax crinita	old man palm	9	8	10					Fair	Transplant		
20	Quercus virginiana	Live oak	19	40	45					Good	Transplant		It has Platycerum to trasplant
21	Hyophorbe verschaffeltii	spindle palm	11	26	13			1 Palm/Tree		Fair	Remove	New house	18'ct
21A	Sabal palmetto	Cabbage palm	9	16	12					Good	Transplant		6'ct
21B	Sabal palmetto	Cabbage palm	8	14	12					Fair	Transplant		7'ct
21C	Livistona chinensis	Chinese fan palm	9	26	15					Good			18'ct
22	Bucida buceras	Black Olive	16	40	30					Fair	Remain		
23	Bucida buceras	Black Olive	20	45	30					Fair	Remain		It has Platycerum to remain
24	Bucida buceras	Black Olive	12	45	25					Poor	Remain		Lean
25	Bucida buceras	Black Olive	32	50	10					Fair	Remain		
26	Bucida buceras	Black Olive	17	45	30					Fair	Remain		
27	Bucida buceras	Black Olive	13	28	30					Fair	Remain		
28	Bucida buceras	Black Olive	20	43	30					Poor	Remain		
29	Bucida buceras	Black Olive	18	40	30					Fair	Remain		
30	Bucida buceras	Black Olive	19	40	30					Poor	Remain		

MITIGATION CALCULATIONS				
D.B.H. MITIGATION:				
QTY	HGT FEET	DBH INCHES	BOTANICAL / COMMON NAME	REPLACEMENT INCHES
1	18	8	Bursera simaruba - Gumbo Limbo	8
4	16	4	Coccoloba diversifolia - Pigeon Plum	16
2	12	3	Krugiodendron ferreum - Black Ironwood	6
1	16	4	Simarouba glauca - Paradise tree	4
3	15	4	Tabebuia heterophylla - Pink Tabebuia	12
Mitigation Provided				46
Mitigation Required				59
CANOPY MITIGATION:				
QTY	HGT FEET	CANOPY SF	BOTANICAL / COMMON NAME	REPLACEMENT CANOPY SF
Mitigation Provided				0
Mitigation Required				2340
PALMS MITIGATION:				
QTY	HGT FEET		BOTANICAL / COMMON NAME	REPLACEMENT PALM / TREE
4	25 CT	1 Palm/tree	Phoenix dactylifera 'Medjool'	4
4	12 CT	1 Palm/tree	Ravenala madagascariensis	4
4	12 CT	1 Palm/tree	Veitchia montgomeryana	4
Mitigation Provided				12
Mitigation Required				3

Note: There are trees can not be reasonably replaced on the property. The shortfall of the project the city will decide what the Tree Trust Fund contribution will be

31	<i>Livistona chinensis</i>	Chinese fan palm	10	34	15					Good	Transplant		24' C.T
31A	<i>Livistona chinensis</i>	Chinese fan palm	10	34	15					Good	Transplant		24' C.T
31B	<i>Livistona chinensis</i>	Chinese fan palm	10	34	15					Good	Transplant		24' C.T
32	<i>Bucida buceras</i>	Black Olive	24	45	35					Fair	Remain		
33	<i>Bucida buceras</i>	Black Olive	10	30	20					Poor	Remain		
34	<i>Bucida buceras</i>	Black Olive	17	45	30	471			471	Fair	Remove	septic system conflicts	
35	<i>Bucida buceras</i>	Black Olive	17	40	30	471			471	Poor	Remove	septic system conflicts	Crown dieback
36	<i>Callistemon</i> sp.	bottlebrush	9	20	20	188			188	Poor	Remove	septic system conflicts	Lean
37	<i>Araucaria heterophylla</i>	Norfolk Island pine	9	30	16			1 Palm/Tree		Fair	Remove	septic system conflicts	
37A	<i>Sabal palmetto</i>	Sabal palmetto	9	26	12					Good			
38	<i>Bursera simaruba</i>	Gumbo limbo	15	45	25					Good	Remain		
39	<i>Quercus virginiana</i>	Live oak	22	35	35					Good	Remain		It has Platycerium to remain
40	<i>Sabal palmetto</i>	Sabal palmetto	10	16	12					Good	Remain		6' C.T
41	<i>Dyopsis lutescens</i>	Areca palm	cluster	16	10					Fair	Remain		
42	<i>Ptychosperma elegans</i>	solitaire palm	cluster	22	18					Good	Transplant		
43	<i>Christmas palm</i>	<i>Adonia merrellii</i>	cluster	18	10					Good	Transplant		
44	<i>Livistona chinensis</i>	Chinese fan palm	9	32	16					Fair	Remain		
45	<i>Bulnesia arborea</i>	Verawood	7	20	18	188			188	Poor	Remove	New house	
TOTAL PROPOSED CANOPY LOSS (in square feet)						TOTAL REQUIRED		59	3 Palms/Tree	2340			
All Shrubs/Vegetation Not Shown On This Schedule Are To Be Removed.													

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