

THE CITY OF KEY WEST Tree Commission Post Office Box 1409 Key West, FL 33041-1409 Telephone: 305-809-3764

January 14, 2021

Royal Williams, LLC 1327 Whitehead Street Key West, FL 33040

RE: Conceptual Landscape Plan Approval with Tree Removal for a Major Development Plan at 1316 Royal Street-1319 William Street (TP2020-00008)

To Whom, It May Concern:

The City of Key West Tree Commission recently considered your application, TP2020-00008 for Conceptual Landscape Plan Approval with Tree Removal for a major development plan located at 1319 Royal Street-1319 William Street, Key West, Florida, at their regularly scheduled meeting on January 11, 2021.

The Tree Commission approved the Conceptual Landscape Plan, the removal of 8-Clusia, Small Leaf (#104, #105, #106, #107, #109, #136, #138, and #143), 3-Coco Plum, Red (#122, #187, and #191), 1-Fiddle Wood (#168), 1-Frangipani (#78), 7-Gumbo Limbo (#81, #101, #112, #124, #161, #175, and #177), 14-Jamaican Caper (#90, #92, #94, #95, #98, #99, #121, #123, #125, #126, #132, #134, #160, and #186), 1-Mahogany (#172), 1-Raintree (#163), 3-Satin Leaf (#82, #85, and #88), 2-Silver Buttonwood (#188 and #192), 1-Sweet Acacia (#68), 1-White Stopper (#184), 3-Christmas Palms (#70, #72, and #77), 1-Fiji Fan Palm (#111), 1-Royal Palm (#190), and 2-Washingtonia Palm (#73 and #159), and the transplantation of 2-Christmas Palms (#14 and #15), 7-Thatch Palms, Florida (#91, #93, #164, #165, #166, #167, and #181), and 3-Thatch Palms, Keys (#154, #155, and #156). The Tree Commission did comment that they would like to see more diversity in the proposed plant species list in the landscape plan and they wanted Gumbo Limbo trees planted in the parking planters along William Street but they did not have any negative comments regarding the waiver request to reduce the width of the street buffer areas.

This approval now allows the project to proceed through the project review process with the Planning Board and HARC. Once you have received approval from these boards, an application should be made again to the Tree Commission for Final Landscape Plan approval with Tree Removal.

Sincerely,

Karen DeMaría

Urban Forestry Program Manager, City of Key West 1300 White Street, Key West, FL 33040 Office: (305) 809-3768 Email: kdemaria@cityofkeywest-fl.gov

Misha McRAE

Misha McRAE Chairman, Tree Commission

ec: Trepanier & Associates Keith Oropeza

Key to the Caribbean - average yearly temperature 77 ° Fahrenheit.

UPDATED STAFF REPORT #2

DATE: January 8, 2021

RE: 1316 Royal Street-1319 William Street Major Development Plan (project application #TP2020-00008)

FROM: Karen DeMaria, City of Key West Urban Forestry Manager

The updated project requests approval to remove a total of 42 regulated trees and 7 regulated palms and the transplanting of an additional 12-regulated palms on the property. This work is requested in association with a major development plan to construct six new homes and redevelop two existing structures on the property.

Total mitigation requirement for the removal of all the requested trees is 248.3 caliper inches of approved dicot trees, FL#1 from the approved list and 7 approved palms, minimum 4 ft tall each palm, to be planted on site and incorporated into the required landscape plan. The landscape plan is being reviewed under a separate agenda item.

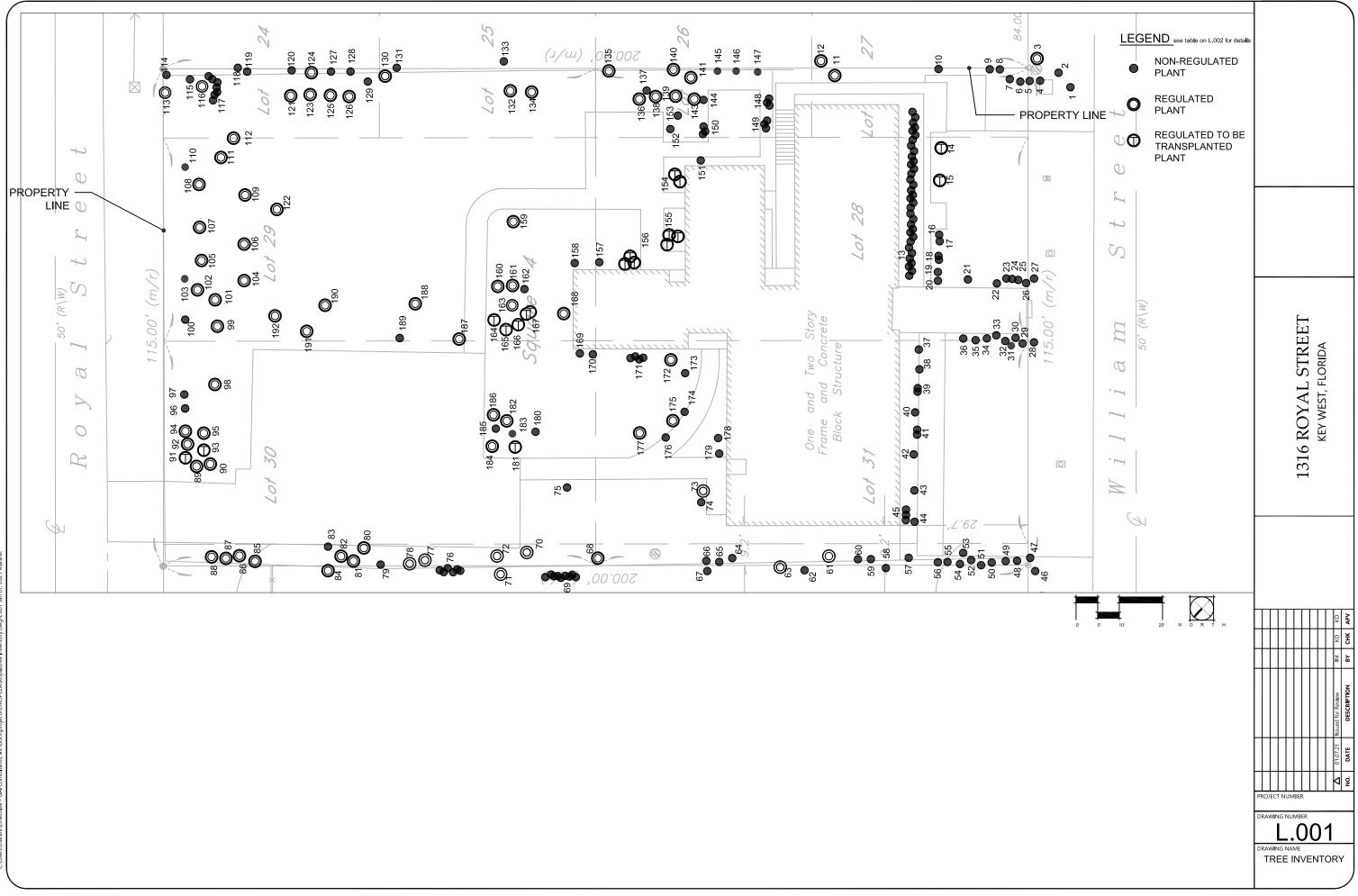
Updated information was received on January 8, 2021. The applicant now proposes to remove the following regulated trees:

8-Clusia, Small Leaf (#104, #105, #106, #107, #109, #136, #138, and #143) 3-Coco Plum, Red (#122, #187, and #191) 1-Fiddle Wood (#168) 1-Frangipani (#78) 7-Gumbo Limbo (#81, #101, #112, #124, #161, #175, and #177) 14-Jamaican Caper (#90, #92, #94, #95, #98, #99, #121, #123, #125, #126, #132, #134, #160, and #186) 1-Mahogany (#172) 1-Raintree (#163) 2-Satin Leaf (#82 and #88) 2-Silver Buttonwood (#188 and #192) 1-Sweet Acacia (#68) 1-White Stopper (#184) 3-Christmas Palms (#70, #72, and #77) 1-Fiji Fan Palm (#111) 1-Royal Palm (#190) 2-Washingtonia Palm (#73 and #159)

The plan also proposes to transplant the following regulated palms: 2-Christmas Palms (#14 and #15) 7-Thatch Palms, Florida (#91, #93, #164, #165, #166, #167, and #181) 3-Thatch Palms, Keys (#154, #155, and#156) Regulated trees and palms to remain onsite/in place include the following: 4-Gumbo Limbo (#3, #80, #86, and #141) 3-Jamaican Caper (#11, #135, and #87) 1-Lignum Vitae (#182) 3-Royal Poinciana (#89, #102, and #108) 1-Strangler Fig (#12) 1-Satinleaf (#85) 4-Christmas Palms (#61, #63, #71, and #140)

1-Coconut Palms (#84)

**items in red are the update changes as of 1-8-2021



	Common Name/Botanical Name	Size	Status		Remain/Remove/Transplan
	Ixora/Ixora coccinea	Shrub 6-8' oa	npr	good	Remain
	Ixora/Ixora coccinea Gumbo Limbo/Bursea simaruba	Shrub 6-8' oa 16.7" dsh 18'hx15'w	npr regulated	good fair	Remain
	Ixora/Ixora coccinea	Shrub	npr	good	Remain
	Ixora/Ixora coccinea	Shrub	npr	good	Remain
	Ixora/Ixora coccinea	Shrub	npr	good	Remain
	Ixora/Ixora coccinea Pink Tabebuia/Tabebuia heterophylla	Shrub 17.5" dsh 25'hx15'w	npr npr	good poor	Remain
	Pink Tabebula/Tabebula heterophylla	13.25" dsh 20'hx10'w	npr	poor	Remain
0	Pink Tabebuia/Tabebuia heterophylla	20" dsh 40'hx20'w	npr	poor	Remain
1	Jamaican Caper/Capparis cynophallophora	3.3" dsh 10-12'hx8'w	regulated	good	Remain
2	Strangler Fg/Ficus aurea	6.33" dsh B 40'hx30'w	regulated	good	Remain
3	Green Island Ficus/Ficus microcarpa Christmas Palm/Adonidia merrillii	Shrub 3' oa Double 13' oa	npr regulated	fair good	Remain Transplant
5	Christmas Palm/Adonicia merrillii	Double 13' oa	regulated	good	Transplant
5	Plumbago/Ceratostigma plumbaginoides	Shrub	npr	good	Remain
7	Arboricola/shefflera arboricola	Shrub	npr	good	Remain
3	Christmas Palm/Adonidia merrillii	Triple 8' oa	npr	good	Remain
9	Arboricola/shefflera arboricola Plumbago/plumbago ariculata	Shrub Shrub	npr	good	Remain Remain
1	Arboricola/shefflera arboricola	Shrub	npr	good good	Remove
2	Bougainvillea species	Trellised	npr	poor	Remove
3	Arboricola/shefflera arboricola	Shrub 3' oa	npr	good	Remove
1	Arboricola/shefflera arboricola	Shrub 3' oa	npr	good	Remove
5	Arboricola/shefflera arboricola	Shrub 3' oa Trellised	npr	good	Remove
7	Bougainvillea species Golden Dewdrop/Duranta erecta	Shrub 4'x3'	npr npr	poor fair	Remove
3	Golden Dewdrop/Duranta erecta	Shrub 4'x3'	npr	fair	Remove
9	Bougainvillea species	Trellised	npr	poor	Remove
0	Arboricola/shefflera arboricola	Shrub 3'x3'	npr	fair	Remove
1	Arboricola/shefflera arboricola Arboricola/shefflera arboricola	Shrub 3'x3'	npr	fair	Remove
2	Bougainvillea species	Shrub 3'x3' Trellised	npr npr	poor	Remove
1	Arboricola/shefflera arboricola	Shrub 3'x3'	npr	fair	Remove
5	Arboricola/shefflera arboricola	Shrub 3'x3'	npr	fair	Remove
5	Arboricola/shefflera arboricola	Shrub 3'x3'	npr	fair	Remove
7	Draceana species/	Shrub Shrub 8' h	npr	fair	Remain
5 A	Yucca/ Fishtail Paln/caryota mitis	18' h	npr npr	fair poor	Remain Remove
5	White Bird of Paradise/Strelitzia nicolai	4'x2' 2' h	npr	good	Remain
1	Ponytail Palm/Beaucarnea recurvata	5'x10'	npr	fair	Remain
2	Fishtail Paln/caryota mitis	6'-7' h	npr	poor	Remove
3	Fishtail Palm/caryota mitis Draceana species	18' h Shrub 4' h	npr	poor fair	Remove
+	Green Island Ficus/Ficus microcarpa	Shrub 3.5'x1'	npr npr	fair	Remain
5	Pink Tabebuia/Tabebuia heterophylla	5.2" dsh 12'hx5'w	npr	poor	Remain
7	Pink Tabebuia/Tabebuia heterophylla	15" dsh 25'hx15'w	npr	poor	Remain
В	Pink Tabebuia/Tabebuia heterophylla	6" dsh	npr	poor	Remain
9	Pink Tabebuia/Tabebuia heterophylla	6.7" dsh 5" dsh	npr	poor	Remain Remain
1	Pink Tabebuia/Tabebuia heterophylla Pink Tabebuia/Tabebuia heterophylla	2" dsh	npr npr	poor poor	Remain
2	Pink Tabebuia/Tabebuia heterophylla	3" dsh	npr	poor	Remain
3	Pink Tabebuia/Tabebuia heterophylla	8.5" dsh	npr	poor	Remain
1	Pink Tabebuia/Tabebuia heterophylla	5.5" dsh 25'hx10'w	npr	poor	Remain
5	Pink Tabebuia/Tabebuia heterophylla Pink Tabebuia/Tabebuia heterophylla	14.75" dsh 35'hx15'w 1.75" dsh	npr npr	poor poor	Remain Remain
7	Neem/Azadirachta indica	2.5" dsh 12'hx4'w	npr	poor	Remain
3	Pink Tabebuia/Tabebuia heterophylla	10.5" dsh 23'hx12'w	npr	poor	Remain
9	Pink Tabebuia/Tabebuia heterophylla	3" dsh 20'hx4'w	npr	poor	Remain
	Pink Tabebuia/Tabebuia heterophylla Christmas Palm/Adonicia merrillii	4.2" dsh 22'hx8w' Triple 10'-16' oa	npr	poor fair	Remove Remain
2	Pink Tabebuia/Tabebuia heterophylla	14" dsh 30'hx20'w	regulated npr	poor	Remain
3	Christmas Palm/Adonicia merrillii	20' h	regulated	fair	Remain
1	Bamboo Palm/Chamaedorea seifrizii	Cluster 7 canes	npr	poor	Remove
5	Bamboo Palm/Chamaedorea seifrizii	Cluster 4 canes	npr	poor	Remove
7	Bamboo Palm/Chamaedorea seifrizii Pink Tabebuia/Tabebuia heterophylla	Cluster 8 canes 14" dsh 37'hx15'w	npr	poor fair	Remove Remain
3	Sweet Acacia/Acacia farnesiana	14.6" dsh 12'hx15'w	regulated	poor	Remove
9	Areca Palm/Dypsis lutescens	Grouping 10'-12' oa	npr	fair	Remain
0	Christmas Palm/Adonidia merrillii	Cluster 11 6-18' oa	regulated	fair	Remove
1	Christmas Palm/Adonicia merrillii	Cluster of 8 20'-22' oa	regulated	fair	Remain
2	Christmas Palm/Adonidia merrillii Washingtonia Palm/Washingtonia robusta	Cluster of 5 8'-18' oa 40' oa	regulated regulated	fair poor	Remove
1	Pink Tabebuia/Tabebuia heterophylla	8" dsh 25'x10'w	npr	poor	Remove
5	Pink Tabebuia/Tabebuia heterophylla	12" dsh 30'hx20'w	npr	poor	Remove
ő	Areca Paln:/Dypsis lutescens	Cluster 10'hx6'w	npr	fair	Remain
7	Christmas Palm/Adonidia merrillii	18'-20' oa 10.5" dsh 20'hx18'w	regulated	good	Remove
5 7	Frangipani/Plumeria Draceana species	Shrub 10'hx5'w	regulated	fair poor	Remove
5	Gumbo Limbo/Bursea simaruba	10.6" dsh 20'hx20'w	regulated	fair	Remain
1	Gumbo Limbo/Bursea simaruba	3.3" dsh 18'hx4'w	regulated	poor	Remove
2	Satin Leaf/Chrysophyllum olidiforme	6" dsh 20'hx8'w	regulated	poor	Remove
3	Pink Tabebuia/Tabebuia heterophylla Coconut Palm/cocos nucifera	20.2" dsh 22'hx15'w 35'-40' oa	npr regulated	poor fair	Remove Remain
5	Satin Leaf/Chrysophyllum olidiforme	5" dsh 10'hx14'w	regulated	fair	Remain
5	Gumbo Limbo/Bursea simaruba	9.5" dsh 20'hx10'w	regulated	fair	Remain
7	Jamaican Caper/Capparis cynophallophora	Multi 12" dsh 15'hx10'w	regulated	fair	Remain
3	Satin Leaf/Chrysophyllum olidiforme	4.4" dsh 13'h	regulated	poor	Remove
5	Royal Poinciana/Delonix regia Jamaican Caper/Capparis cynophallophora	16.4" dsh 18'h 25'w Multi 7.5"dsh 18'hx8'w	regulated regulated	fair fair	Remain Remove
1	Florida Thatch Palm/Thrinax radiata	8' oa	regulated	good	Transplant
2	Jamaican Caper/Capparis cynophallophora	Multi 2" dsh 10' oa	regulated	poor	Remove
3	Florida Thatch Palm/Thrinax radiata	10' h	regulated	good	Transplant
4	Jamaican Caper/Capparis cynophallophora Jamaican Caper/Capparis cynophallophora	2" dsh Multi 10" dsh 16'hx8'w	regulated regulated	poor fair	Remove Remove
5	Jamaican Caper/Capparis cynophallophora	Multi 1" dsh	npr	poor	Remove
7	Jamaican Caper/Capparis cynophallophora	.75" dsh 5' oa	npr	fair	Remove
в	Jamaican Caper/Capparis cynophallophora	Multi 14" dsh 18'hx15'w	regulated	fair	Remove
27					
9	Jamaican Caper/Capparis cynophallophora Bamboo Palm/Chamaedorea seifrizii	Multi 12" dsh 14'0h 3' h 1 cane	regulated npr	poor	Remove

Arborist Remarks
photo 2
neighbors property, codominant @2', leaning south
shared tree, codominant branches with included bark, leaning south, in utility lines, topped, growing under concrete p shared tree, uprooted, leaning north and west, in utility lines, topped, growing under concrete pad Photo 3
shared tree, codominant branches with included bark, in utility lines, topped, growing under concrete pad retain and protect Photo 4
large, shared on property line, growing over fence approximately 75% in neighbors property, retain protect Photo 5
in planter, 42'±4' transplant, se≅ L3.00
transplant, see L3.00
remain
affected by proposed plans affected by proposed plans, poor condition
affected by proposed plans
affected by proposed plans affected by proposed plans
affected by proposed plans, poor condition
affected by proposed plans affected by proposed plans
affected by proposed plans, poor condition affected by proposed plans
affected by proposed plans
affected by proposed plans affected by proposed plans, poor condition
affected by proposed plans
affected by proposed plans affected by proposed plans
remove, poor condition
remove, poor condition
remove, poor condition
leaning west, remain, outside property leaning into parking area, remain, outside property
north side of fence, topped, remain, outside property
north side of fence, topped, remain, outside property
north side of fence, topped, remain, outside property Photo 6 seedling, north side of fence, through fence, remain, outside property
seedling, north side of fence, through fence, remain, outside property
north side of fence, remain, outside property north side of fence, through fence, remain, outside property
north side of fence, growing into fence and fence post, utility trimmed, remain, outside property
seedling, north side of fence, partially dead, uprooted, remain, outside property
north side of fence seedling, growing through fence, remain, outside property
remove, poor condition
north side of fence, codominant branch over fence, remain, outside property
north side of fence, growing through fence, remain, outside property
remove, poor condition remove, poor condition
remove, poor condition
north side of fence, s-shaped dog leg back into this property, outside property remove, poor condition
north side of fence, outside property
remove, affected by proposed design north side of fence, outside property
remove, affected by proposed design remove, invasive exotic
leaning east, remove, poor condition Photo 7
remove, poor condition north of fence outside property
through fence, remove, affected by proposed design
leaning south, through fence, remove or protect in place Photo 8 north side of fence, through fence, outside property
4 codominant branches, remain, to be trimmed 4' CT
seedling, leaning northwest, remove, poor condition Insects, crack in trunk at base, leaning north, remove, poor condition
3 codominant branches from 1' above grade, limbs ripped away in rear, remove, poor condition north side of fence, leans over property, on fence, outside property
leaning west
leaning north over fence to neighbor, insect problems, remain retain and protect Photo 9
leaning east, remove, poor condition
cavity below codominant branch union on east side of tree, remain Photo 10 remove, affected by proposed design
transplant, see L3.00
through fence, remove, poor condition transplant, see L3.00
seedling, remcve, poor condition
remove, affected by proposed design through fence, remove, poor condition
seedling, through fence, remove, affected by proposed design
remove, affected by proposed design uprooted, remove, poor condition
remove, affected by proposed design

101	Gumbo Limbo/Bursea simaruba	8.5" dsh 25'hx8'w	regulated	good	Remove	remove, affected by pro
102	Royal Poinciana/Delonix regia	21" dsh 18'hx20'w	regulated	fair	Remain	remain Photo 11
103	Jamaican Caper/Capparis cynophallophora	.5" dsh	npr	poor	Remove	seedling, through fence
104	Small Leaf Clusia/Clusia guttifera	14" dsh 20'hx8'w	regulated	poor	Remove	partially uprooted, rem
105	Small Leaf Clusia/Clusia guttifera	14.3" dsh 20'hx20'w	regulated	poor	Remove	remove, poor condition
	Small Leaf Clusia/Clusia guttifera	16" dsh 20'hx15'w	regulated		Remove	partially uprooted, rem
	Small Leaf Clusia/Clusia guttifera	12.7" dsh 18'hx20'w	regulated		Remove	remove
	Royal Poinciana/Delonix regia	25" dsh 25'hx25'w	regulated		Remain	retain and protect
	Small Leaf Clusia/Clusia guttifera	18" dsh 20'hx20w	regulated		Remove	uprooted, remove, poor
	Jamaican Caper/Capparis cynophallophora	.5" dsh 7'hx3'w	npr	fair	Remove	remove, no regulated, o
	Fiji Fan Palm/Fritchardia pacifica	25' h	regulated		Remove	remove, affected by pro
	Gumbo Limbo/Bursea simaruba	4.7" dsh 14'hx6'w	regulated		Remove	topped, restricted grow
	Sabal Palm/Sabal palmetto Pink Tabebuia/Tabebuia heterophylla	16' oa 10" dsh 20'hx10'w	regulated		Remain	may require trimming to remove, conflict with ut
	Jamaican Caper/Capparis cynophallophora	.5"	npr npr	poor poor	Remove Remove	seedling, remove, poor
	Coconut Palm/cocos nucifera	40'	regulated		Remain	retain and protect
	Coconut Palm/cocos nucifera	Seedlings (5) 2'-4' ca	npr	good	Remove	remove, affected by pro
	Brazilian Pepper/Schinus terebinthifolius	4"dsh	npr	poor	Remove	over fence, remove inva
	Pink Tabebuia/Tabebuia heterophylla	12" dsh 16'hx8'w	npr	poor	Remove	uprooted, remove
	Aralia/Polyscias	Shrub 3" dsh 12't 4'w	npr	poor	Remove	uprooted, broken, remo
	Jamaican Caper/Capparis cynophallophora	18" dsh 18'hx10'w	regulated		Remove	partially uprooted, rem
	Red Coco Plum/Chrysobalanus icaco v. red tip	7" dsh	regulated		Remove	partially uprooted, rem
	Jamaican Caper/Capparis cynophallophora	6" dsh 18'hx10'w	regulated		Remove	uprooted, remove
	Gumbo Limbo/Bursea simaruba	1.3"dsh 8'-9'oa	regulated		Remove	seedling, remove
	Jamaican Caper/Capparis cynophallophora	15" dsh 18'hx20'w	regulated		Remove	uprooted,, damaged, re
	Jamaican Caper/Capparis cynophallophora	14.6" dsh	regulated		Remove	partially uprooted, remi
	Pink Tabebuia/Tabebuia heterophylla	6" dsh 18'hx8'w	npr	poor	Remain	through fence, remain,
	Surinam Cherry/Eugenia uniflora	Shrub 1" dsh 4'-5'oa	npr	poor	Remove	remove, invasive exotic
	Veitchiaa/Veitchia spec.	<10 ft CT	npr	good	Remove	remove, affected by pro
	Pink Tabebuia/Tabebuia heterophylla	27" dsh 32'hx15'w	regulated		Remain	retain and protect
	Bamboo Palm/Chamaedorea seifrizii	2 canes 12' oa	npr	poor	Remove	remove, poor condition
	Jamaican Caper/Capparis cynophallophora	multi 10" dsh 18'hx6'w	regulated		Remove	partically uprooted, rem
	Pink Tabebuia/Tabebuia heterophylla	16.5" dsh	npr	poor	Remain	neighbor property south
	Jamaican Caper/Capparis cynophallophora	12" dsh 12'hx10'w	regulated		Remove	uprooted, remove
	Jamaican Caper/Capparis cynophallophora	3" dsh 15'hx5'w	regulated		Remain	through fence, remain
	Small Leaf Clusia/Clusia guttifera	6.7" dsh 10'hx10'w	regulated		Remove	partially uprooted, topp
	Pink Tabebuia/Tabebuia heterophylla	3.4" dsh 16'hx6'w	npr	poor	Remove	remove, invasive exotic
	Small Leaf Clusia/Clusia guttifera	7.5" dsh 15'hx20'w	regulated		Remove	uprooted, through fence
	Royal Poinciana/Delonix regia	7.1" dsh 30'hx15'w	regulated		Remain	retain and protect
	Christmas Palm/Adonidia merrillii	18' oa	regulated		Remain	Remain , outside proper
	Gumbo Limbo/Bursea simaruba	18.1" dsh 30'hx20'w	regulated		Remain	on fence, leaning south
	NOTUSED					
143	Small Leaf Clusia/Clusia guttifera	6.2" dsh 10'hx8'w	regulated	poor	Remove	partically uprooted, rem
	Draceana species	Shrub 7'hx5'w	npr	poor	Remove	remove, not regulated,
145	Myrsine/Rapanea punctata	<1" dsh Shrub 6'-10' h	npr	poor	Remain	Remain , outside proper
146	Myrsine/Rapanea punctata	<1" dsh Shrub 6'-10' h	npr	poor	Remain	Remain, outside proper
147	Myrsine/Rapanea punctata	<1" dsh Shrub 6'-10' h	npr	poor	Remain	Remain, outside proper
148	Areca Palm/Dypsis lutescens	3 canes 7'-8'	npr	fair	Remove	remove, not regulated,
149	Areca Palm/Dypsis lutescens	4 canes 8'-10'	npr	fair	Remove	remove, not regulated,
150	Areca Palm/Dypsis lutescens	10-14'oa 10 canes	npr	fair	Remove	remove, not regulated,
151	Pink Tabebuia, Tabebuia heterophylla	5" dsh 18'hx4'w	npr	poor	Remove	on roof, roots under stru
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,
	Keys Thatch Palm/Leucothrinax morrisii	double 8',3' h	regulated		Transplant	transplant, see L3.00
	Keys Thatch Palm/Leucothrinax morrisii	triple, 6'-11' h	regulated		Transplant	transplant, see L3.00
	Keys Thatch Palm/Leucothrinax morrisii	triple 5'-6' h	regulated		Transplant	transplant, see L3.00
	Pink Tabebuia, Tabebuia heterophylla	13.6"@base 30'hx10'w	npr	poor	Remove	remove, invasive exotic
	Pink Tabebuia, Tabebuia heterophylla	11.3" dsh 30'hx20'w	npr	poor	Remove	remove, invasive exotic
159	Washingtonia Palm/Washingtonia robusta	40' oa	regulated		Remove	remove, poor condition
	Jamaican Caper/Capparis cynophallophora	2" dsh 5.5'hx5'w	regulated	•	Remove	hedged, remove
	Gumbo Limbo/Bursea simaruba	6.5" dsh 15'hx12'w	regulated		Remove	leaning south, under car
	Washingtonia ² alm/Washingtonia robusta	4'oa	npr	poor	Remove	remove, invasive exotic
	Raintree Tree/Samanea samen	25"@3'h	regulated		Remove	tree in decline, sunscale
	Green Thatch Palm/Thrinax radiata	5'oa	regulated		Transplant	transplant, see L3.00 Ph
	Green Thatch Palm/Thrinax radiata	6'oa	regulated		Transplant	transplant, see L3.00
	Green Thatch Palm/Thrinax radiata	6' oa	regulated		Transplant	transplant, see L3.00
	Green Thatch Palm/Thrinax radiata	6'oa	regulated		Transplant	clump, transplant, see L
	Fidcle Wood/Citharexylum spinosum	7.3" dsh 13'hx10'w	regulated		Remove	remove, poor condition
	Pini Tabebuia, Tabebuia heterophylla	5.8" dsh 20'hx8'w	npr	poor	Remove	remove, invasive exotic
	Pink Tabebuia, Tabebuia heterophylla	2.7"dsh 13'hx6'w	npr	poor	Remove	remove, invasive exotic
	Pygmy Date Palm/Phoenix roebellenii	Triple 6'-12' oa	npr	poor	Remove	remove, poor condition
	Mahogany/Swietenia mahogoni	9.7" dsh 20'hx12'w	regulated		Remove	remove, poor condition
	Pink Tabebuia/Tabebuia heterophylla	9" dsh 20'hx8'w	nrp	poor	Remove	remove, invasive exotic
	Pink Tabebuia/Tabebuia heterophylla	4.7" dsh 25'hx6'w	npr	poor	Remove	remove, invasive exotic
	Gumbo Limbo/Bursea simaruba	6.4"dsh 18'hx10'w	regulated		Remove	codominant branches, r
	Pink Tabebuia/Tabebuia heterophylla	8.4" dsh 25'hx12'w	npr	poor	Remove	remove, invasive exotic
	Gumbo Limbo/Bursea simaruba	8.5" dsh 8'hx20'w	regulated		Remove	remove, poor condition
	Pink Tabebuia, Tabebuia heterophylla	5.2" dsh 18'hx6'w	npr	poor	Remove	leaning south, remove
	Pink Tabebuia/Tabebuia heterophylla	8.9" dsh 23'hx12'w	npr	poor	Remove	under concrete walkway
	Crinum Lilly/Crinum spp.	2 plants 3' oa	npr	fair	Remove	remove
	Green Thatch Palm/Thrinax radiata	6' oa	regulated		Transplant	transplant, see L3.00
	Lignum Vitae/Guaiacum sanctum	7.5" dsh 8'hx12'w	regulated		Remain	Retain and protect, root
	Satin Leaf/Chrvsophyllum olidiforme	.5" dsh seedling	npr	fair	Remove	remove
	White Stopper/Eugenia axillarius	Multi 4"	regulated		Remove	remove, partically hedg
	White Stopper/Eugenia axillarius	6" dsh8' oa	npr	poor	Remove	seedling in conflict with
	Jamaican Caper/Capparis cynophallophora	3" @ base	regulated		Remove	hedged, in conflict with
	Red Tip Coco Plum/Chrysobalanus icaco	Multi hedge 8'hx8'w	regulated		Remove	hedged, uprooted, rem
	Silver Buttonwood/Conocarpus erectus var seric		regulated		Remove	hedged, remove, poor o
189	RedTip Coco Plum/Chrysobalanus icaco	Multi 5" dsh	npr	poor	Remove	hedged, uprooted, rem
						remove Photo 22
190	Royal Palm/Roystonea regia Red Tip Coco Plum/Chrysobalanus icaco	12' oa Multi 7" dsh 12'hx8'	regulated regulated		Remove Remove	hedged, remove

* Items listed in RED are regulated trees NOT in poor condition.

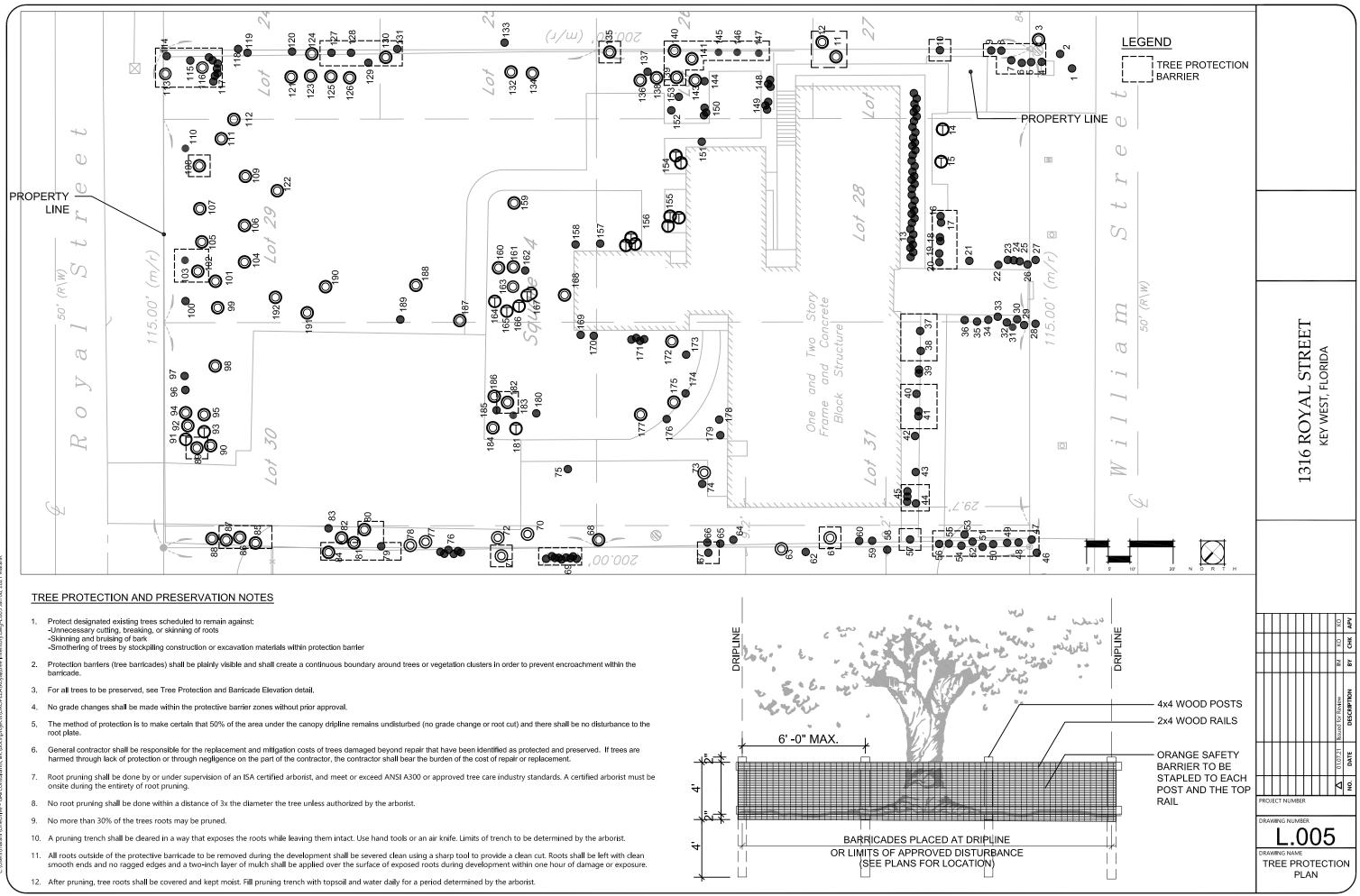
												1
posed design												
remove, pcor conditi	on											
ve												
ve, poor condition												
condition ose proximity to 108												
posed design												
h due to overhead can not conflict with utili lities, city property	nopy, leaning south with dog leg, remove ties, city property											
condition												
oosed design												
sive												
ve												
ve			_		_				_	_		_
ve												
nove												
ve												
utside property												
oosed design												
ove side of fence, on fen	ce, 16.5" dia. branch growing north into property 12', remove limb	Γ							_			
ed, remove						F	-					
, remove						1216 DOVAL STREE						
ty									₹			
	heavy maintenance trim Photo 14					Ē			KEY WEST, FLORIDA			
ove						Ù	מ	Ì	ō			
ffected by proposed	design					⊢	1	i	Ŧ			
ty ty						<	C		5			
τγ						>	H.	!	ž			
ffected by proposed offected by proposed of the second sec						Ċ)		2			
iffected by proposed						6	2	į	ý			
cture, remove						5	D					
ffected by proposed	design					5	Ē					
						7	1					
cpy, remove												
Distance decid Broker												
to 19	remove Photo 15, 16, 17, 18											
.00												
		L		_	-	_	_	_	_		_	
										ç	2	٩P
		H	╈	+	Ħ	H		┥	\uparrow	Ś	+	СĦ
move Phote 20		μ		+	\square			4	_	╇	4	Ċ
										2	2	₽
		Ħ	1	╈	Η			1		+	t	
, remove												z
										Includ for Daviour	Aniew	DESCRIPTION
prune 1 yea' in advan	ce if transplanting Photo 21									0 × 07	5	ESCI
d, conflict with Lignu										Point	nans	-
Lgnum vitae root sys Lignum vitae root syst		Η	+	+	⊢	Η		┥	+		Т	-
ve Indition Photo 22										01.07.31	7.70.	DATE
ve		Ш								5	5	
										k	1	<u>o</u>
ve	Ashariat Damasira an Mar 2000 l	PR	- DIE	CTN	NUN	BER			_	_	1	_
	Arborist Remarks on May 2020 by:	DR	AW	ING	NU	MBF	R					_
	Cynthia Domenech-Coogle					-		n	1	כ		
	Cynthia's Blue Palms	L		L		_	1		2	<u>_</u>		
	W1006 16th Terrace						/-		- -	<u>~</u> _		
	Key West, FL 33040 Ph: 305.757.7472		۱ŀ	۲E	EI	IN \	/E	:IN	10	JR	Υ	
	111 00011011112	1										_ /

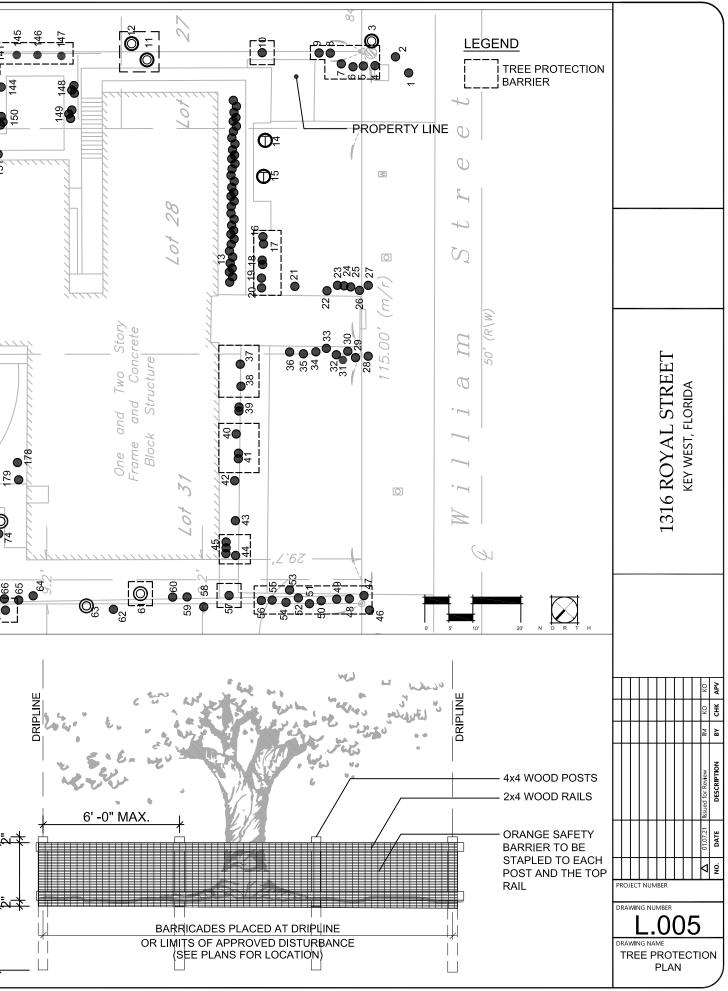


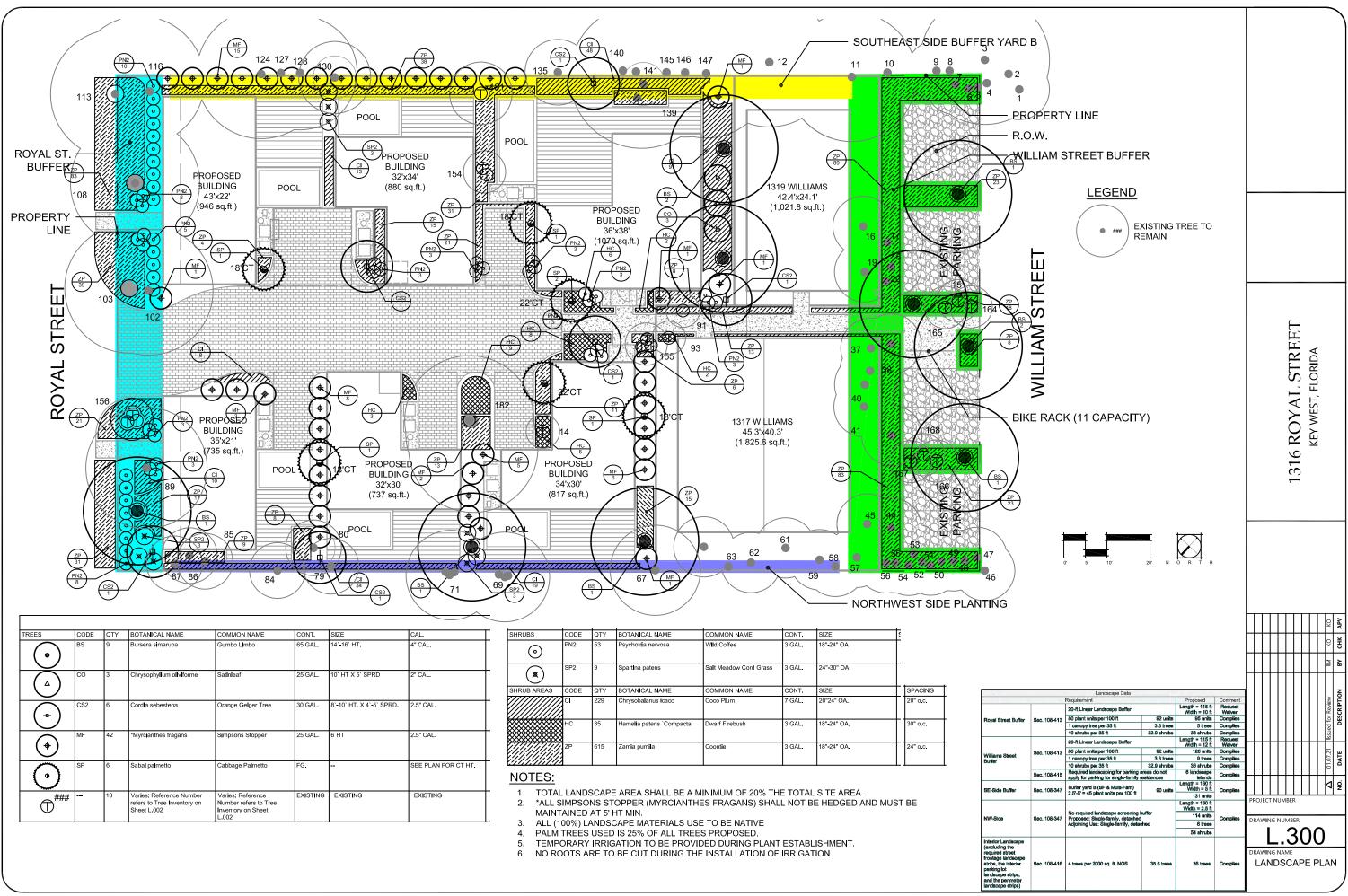
C:\Users\maranr\OneDrive - GAI Consultants, Inc\docs\projects\OROPEZA\Royal\tree inventory.dwg-L.003 Jan 07, 2021 MaranF



						IDIO NOTAL DINEEL		KEY WEST, FLORIDA			
										KO KO	CHK APV
										M	BY 6
										Issued for Review	DESCRIPTION
										01.07.21	DATE
р	101	ECT	N		BF						NO.
							_		_		
D	L.004										
		T	RI	ΞE	ĒF	ጉ	IC	T	0	S	

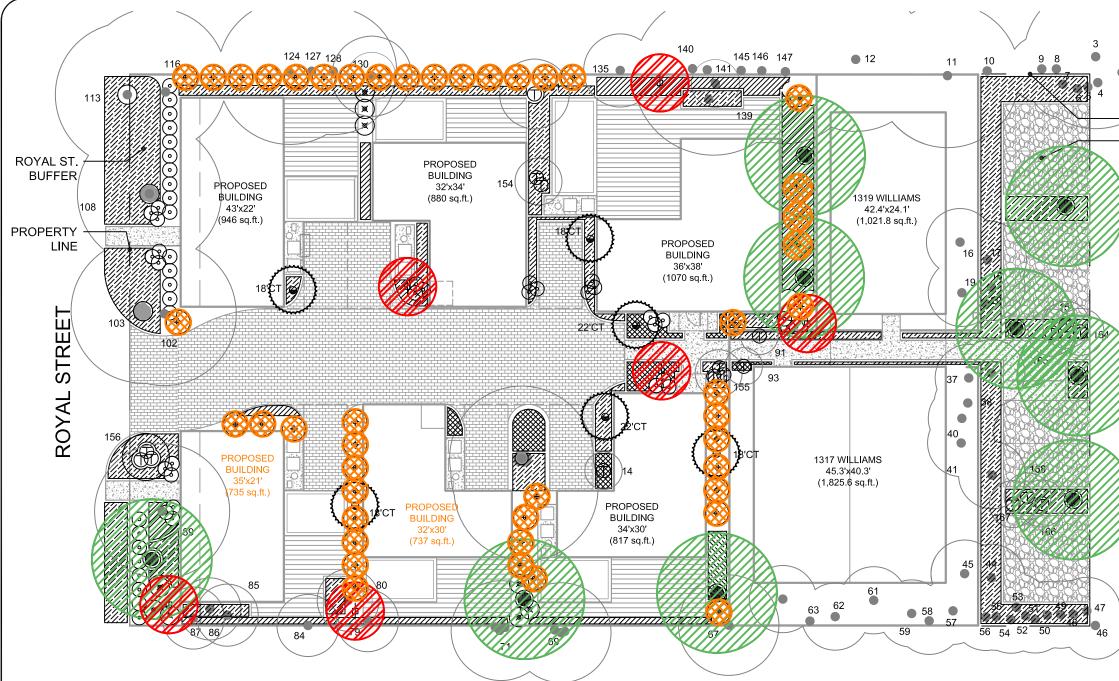




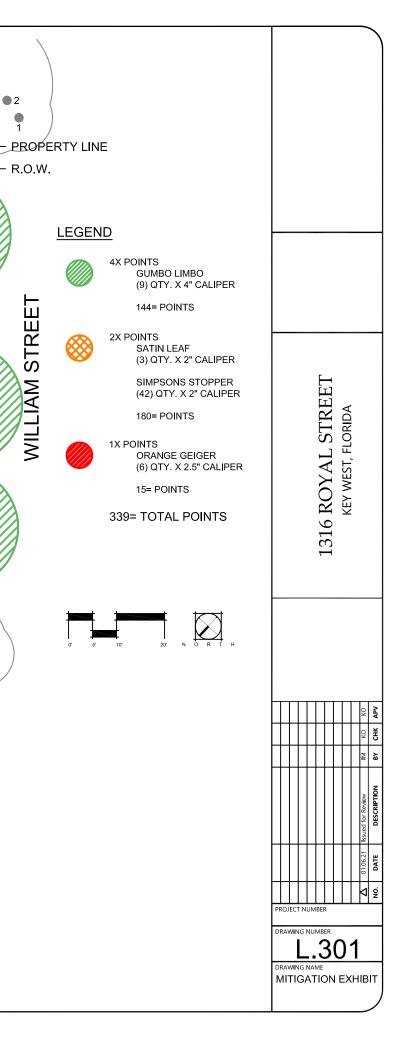


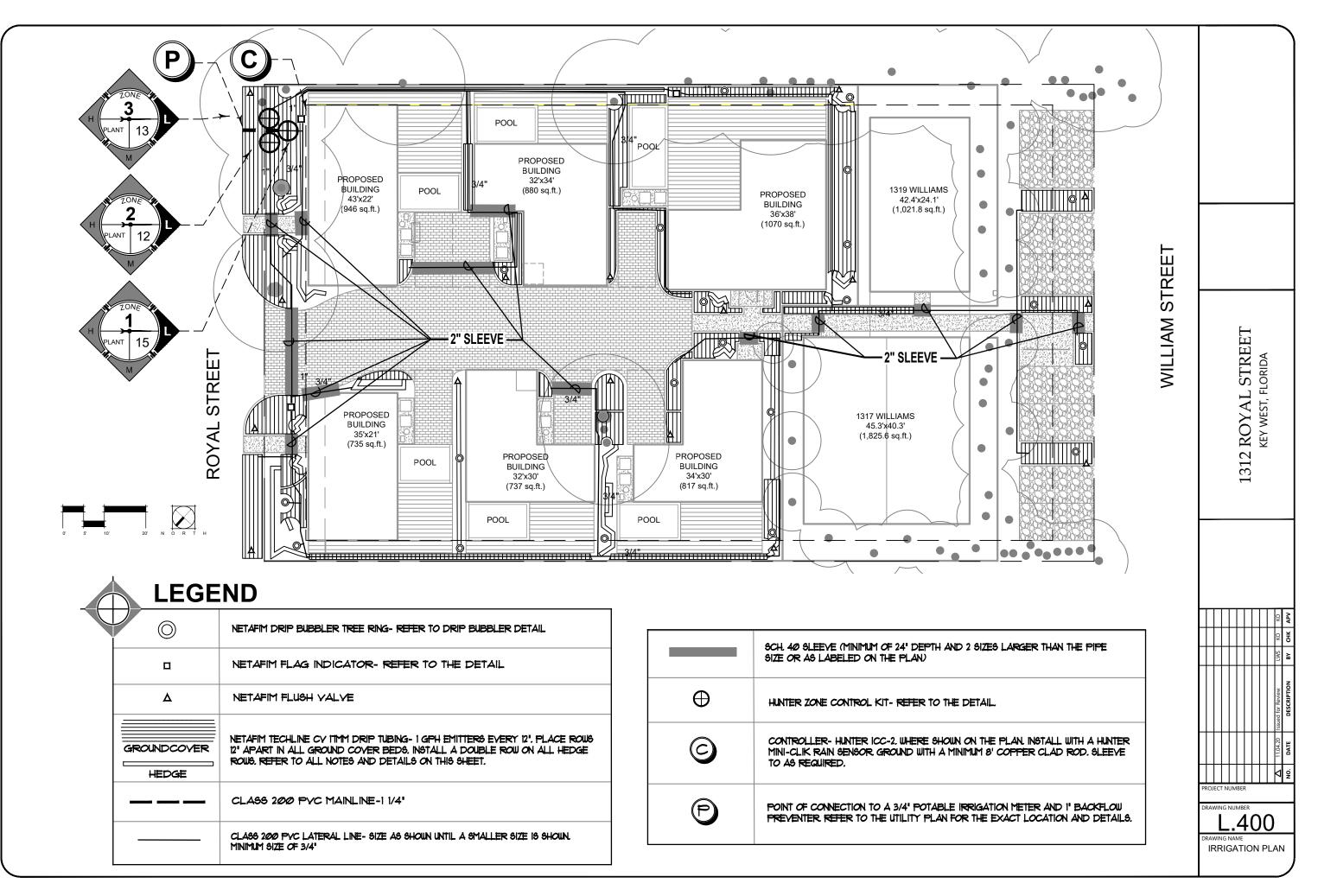
TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	CAL.
\bullet	BS	9	Bursera simaruba	Gumbo Limbo	65 GAL.	14`-16` HT.	4" CAL.
	со	3	Chrysophyllum ollvlforme	SatInleaf	25 GAL.	10' HT X 5' SPRD	2" CAL.
*	CS2	6	Cordla sebestena	Orange Gelger Tree	30 GAL.	8`-10` HT. X 4`-5` SPRD.	2.5" CAL.
(MF	42	*Myrcianthes fragans	Simpsons Stopper	25 GAL.	6`HT	2.5" CAL.
\odot	SP	6	Sabal palmetto	Cabbage Palmetto	FG.		SEE PLAN FOR CT HT.
$\bigcirc^{\#\#\#}$		13	Varies: Reference Number refers to Tree Inventory on Sheet L.002	Varies: Reference Number refers to Tree Inventory on Sheet L.002	EXISTING	EXISTING	EXISTING

SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	5	
\odot	PN2	53	Psychotria nervosa	Wild Coffee	3 GAL.	18"-24" OA		
×	SP2	9	Spartina patens	Salt Meadow Cord Grass	3 GAL.	24"-30" OA		
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE		SPACIN
	CI	229	Chrysobalanus icaco	Coco Plum	7 GAL.	20"24" OA.		20" o.c.
	HC	35	Hamelia patens `Compacta`	Dwarf Firebush	3 GAL.	18"-24" OA.		30" o.c.
	ZP	615	Zamia pumila	Coontie	3 GAL.	18"-24" OA.		24" o.c.



REES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	CAL.
\bullet	BS	9	Bursera simaruba	Gumbo Limbo	65 GAL.	14`-16` HT.	4" CAL.
	со	3	Chrysophyllum oliviforme	Satinleaf	25 GAL.	10' HT X 5' SPRD	2" CAL.
-	CS2	6	Cordia sebestena	Orange Geiger Tree	30 GAL.	8`-10` HT. X 4`-5` SPRD.	2.5" CAL.
•	MF	42	*Myrcianthes fragans	Simpsons Stopper	25 GAL.	6`HT	2.5" CAL.
\odot	SP	6	Sabal palmetto	Cabbage Palmetto	FG.		SEE PLAN FOR CT HT.
\bigcirc	¥	13	Varies: Reference Number refers to Tree Inventory on Sheet L.002	Varies: Reference Number refers to Tree Inventory on Sheet L.002	EXISTING	EXISTING	EXISTING





ZONE CHART

ZONE	PLANT	IRRIGATION	WATER	PRECIP.	APPLIC.	GPM	MINUTES	TOTAL
	(TYPE)	(TYPE)	(DEMAND)	(RATE) (II	N. PER WEEK REC	Q.) (GPM)	(PER CYCLE)	(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
								800

TOTAL GPM PER RUN CYCLE 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 AT GROUND LEVEL AFTER PLANT INSTALLATION. INSTALL 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 TU INTERCONNECTED TO ALL OTHER DRIP TUBES. DO NOT DEAD END TUBING, SINGLE ROU NOT BENT OVER OR TAPED.

3) AVOID SHARP BENDS IN THE TUBING, DO NOT BEND THE TUBING WITH LESS THEN A ANY KINKS IN THE TUBING.

4) ALL DRIP TUBING SHALL HAVE UNIFORM SPACING AND BURIAL DEPTH. THE PLAN I EXACT SPACING OR LAYOUT OF THE TUBING, LAYOUT THE TUBING DOWN THE LONGEST TUBING TO CURVED BEDS OR PLANTERS AS REQUIRED. ADJUST AND ADAPT THE TUBI 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 SINGLE ROW OF PLANTS.

6) SPACE TUBING AS NOTED ON THE PLAN, DO NOT SNAKE TUBING BACK AND FORTH PLAN, ALWAYS INSTALL A HEADER PIPE UNLESS THE TOTAL GALLONAGE OF AN AREA

1) REFER TO THE MANUFACTURERS DRIP INSTALLATION MANUAL FOR INSTALLATION INSTRUCTIONS. ALL FITTINGS SHALL BE THE SAME TYPE AND MANUFACTURER AS THE D

8) ALWAYS FLUSH ALL LINES BEFORE FINAL CONNECTION.

9) INSTALL A A 'SYSTEM ON' INDICATOR FLAG ON EVERY ZONE WHERE IT IS SEEN FR

10) ALL MAINLINE PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 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 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 LANDSC SHOWN THERE FOR CLARITY ONLY. ALL LINES SHALL BE INSTALLED ON THE PROPER AREAS OR INSIDE A SCH. 40 SLEEVE.

13) THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAG CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIR CAUSED BY THEIR WORK.

14) INSTALL FLUSH VALVES WHERE SHOWN AT THE ENDS OF EACH RUN OF DRIP TUBING.

15) CLEARLY AND NEATLY MARK THE TOP OF EACH VALVE BOX WITH THE TYPE OF E VALVE, FLUSH VALVE, ETC.)

16) THE DRIP ZONE VALVE ASSEMBLY SHALL BE PLACED INSIDE AN ARMOR JUMBO INSTALLED AS PER THE DETAIL ON THE PLANS.

17) THE DRIP TUBING SHALL HAVE EMITTERS EVERY 12' AND SHALL BE SPACED 12' AF MINIMUM OF TWO RUNG FOR EACH ROW OF SHRUBS WHEN THE SHRUBS ARE SPACED FA

18) REFER TO THE ZONE CONTROL KIT DETAIL FOR FILTER SIZES.
19) THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THEIR WC CONTRACTOR.

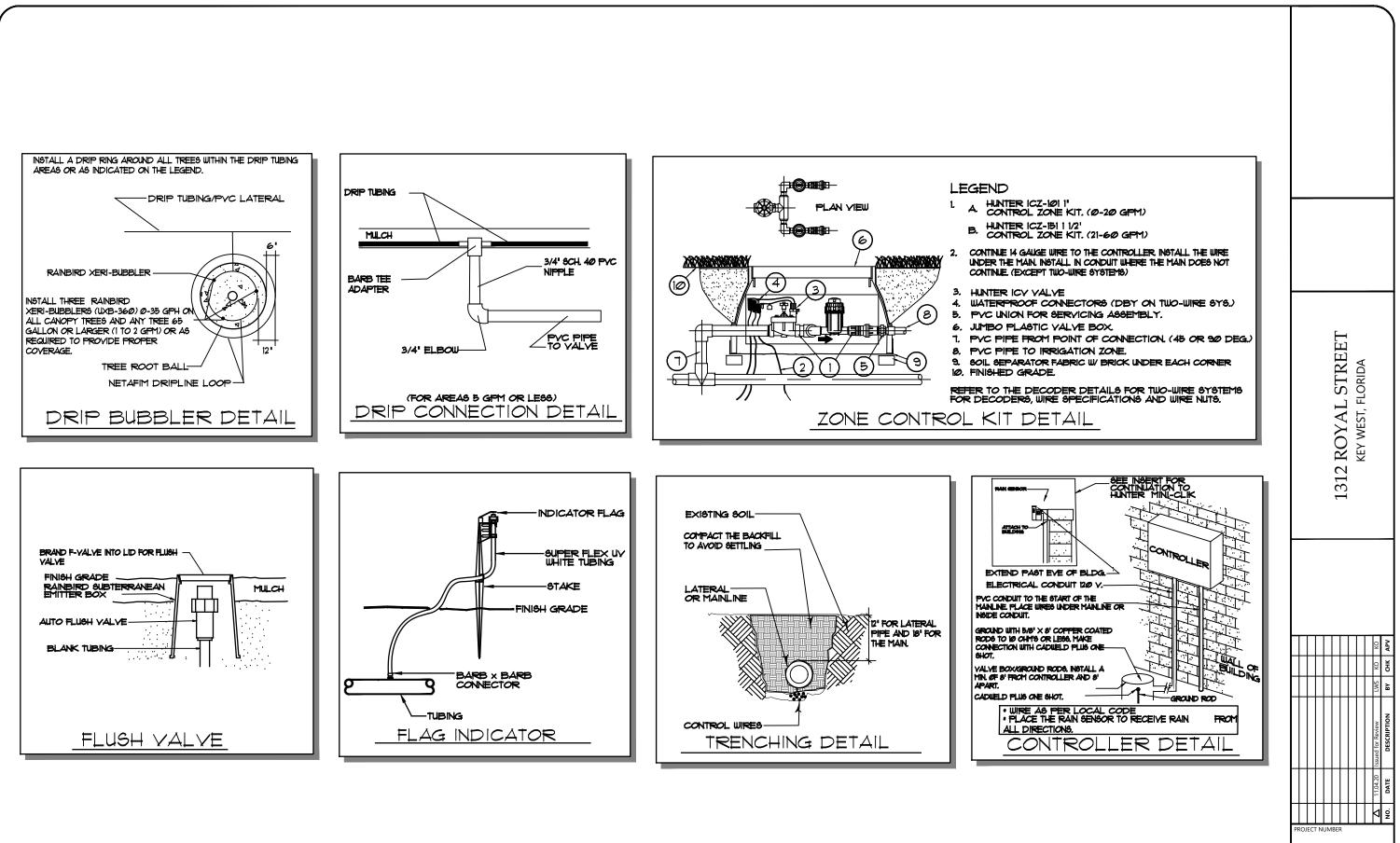
20) REFER TO THE LANDSCAPE PLANS WHEN TRENCHING TO AVOID AROUND ANY EXISTING TREES. DO NOT CUT ANY ROOTS OVER 2" IN

21) THE CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING SHOWI THE CONTRACTOR SHALL NEATLY MARK IN RED INK ON WHITE BOND DEVIATES FROM THE PLAN. THE AS-BUILT DRAWING SHALL ALSO LOC BY SHOWING EXACT MEASUREMENTS FROM HARD SURFACES. MEASUR THE PLAN EVEN WHEN THE EQUIPMENT IS INSTALLED IN THE EXACT L

22) ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACC EQUIPMENT AND WORKMANSHIP. (OR AS OUTLINED IN THE WRITTEN SPECIFICATIONS)

24) 48 HOURS BEFORE DIGGING, CALL 1-800-432-4770 (SUNSHINE ST

L NETAFIM TLSG U SHAPED WIRE	
TUBE ENDS SHALL BE OWS SHALL HAVE A END CAP AND	
A 12" RADIUS, THERE SHALL NOT BE	
I DOES NOT ALWAYS REFLECT THE IT WIDTH WHEN POSSIBLE, ADAPT THE BING FOR ALL TREES, REFER TO THE	
M OF TWO ROWS OF TUBING ON A	
TH EXCEPT WHERE SHOWN ON THE A 16 3 GPM OR LESS.	<u> </u>
DRIP TUBING.	1312 ROYAL STREET key west, florida
FROM THE CONTROL VALVE.	ST
DF 18" OF COVER. ALL LATERAL	AL ST, F
Y CONNECTORS AND SEALANT AND	ROYAL STRI key west, florida
CAPE AREA 16 RTY AND INSIDE THE LANDSCAPE	312 F K
GE ANY EXISTING UTILITIES, THE RS AND COST OF ANY DAMAGE	1
NG AND ONE FOR EVERY 15 GPM OF	
EQUIPMENT THAT IT CONTAINS. (I.E.	
VALVE BOX. THE VALVE SHALL BE	
APART IN GROUND COVER BEDS AND A FARTHER THAN 2' ON CENTER	
VORK WITH THE LANDSCAPE	KO KO
TREES AND SHRUBS, HAND DIG DIAMETER.	BY LWS
UING ALL IRRIGATION INSTALLATION. D PAPER ANY INSTALLATION THAT DCATE ALL MAINLINE AND VALVES JREMENTS SHALL BE MARKED ON LOCATION AS THE PLAN.	Issued for Review DESCRIPTION
CCEPTANCE AGAINST ALL DEFECTS IN	
TATE ONE CALL CENTER)	
	PROJECT NUMBER
	DRAWING NUMBER
	DRAWING NAME IRRIGATION DETAILS



nyte\Shared\Spade Irrigation Design\GAI\Keith\Royal Street\L400 (IRRIGATION).dwg-L402 Nov 17, 2020 Larry

DRAWING NUMBER

DRAWING NAME