

CAPE SCHEDULE			
MMON NAME	BOTANICAL NAME	No	SIZE / NOTES
W. ROYAL PALM TREE	ROYSTONEA ARECACEAE	6	12-14' GREY TRUNK
N PALM TREE NEW	LIVISTONA SPECIOSA	5	12-14' GREY TRUNK
ECA PALM	DYPSIS LUTESCENS	123	3 GAL 6'-0" & 8-0"
VER BUTTONWOOD RUB)	CONOCARPUS ERECTUS	83	3 GAL . 18"
VER BUTTONWOOD EE)	CONOCARPUS ERECTUS	56	7 GAL(24"-30")
ISIA HEDGE	CLUSIA ROSEA	317	7 GAL (4'-0"HIGH) @24"STAGGERED
COPLUM	CHRYSOBALANUS	344	3 GAL , 24"
T AUGUSTINE GRASS	STENOTAPHRUM SECUNDATUM	SF/A	8400 SF.
IBO LIMBO TREE	BURSERA SIMARUBA	21	4" DBH, 10'-0", SINGLE TRUNK
IOGANY TREE	SWIETENIA MAHAGONY	8	4" DBH, 10'-0', SINGLE TRUNK
DPSOIL & 3" MULCH SEE PLAN		SF/A	9,706.19 SF.
REEN BUTTONWOOD	CONOCARPUS ERECTUS	6	12'-14' TRUNK
TREES			-
MPSON'S STOPPER REE	MYRCIANTHES FRAGRANS	6	5'HEIGHT
ATCH PALM	LEUCOTHRINAX MORRISII	3	5'-10 ' HEIGHT
ICCANEER PALM	PSEUDOPHOENIX SARGENTII	5	10'-15' HEIGHT
E			
ISTING PALM TREE EMAIN IN PLACE)	ROYSTONEA	6	12-14' GREY TRUNK
YAL PALM TREE ANSPLANTED, SEE LS1.	ROYSTONEA ARECACEAE	9	12'-15' HEIGHT
MARCKIA PALM ANSPLANTED, SEE LS1.	BISMARCKIA 1) NOBILIS	6	12'-14' HEIGHT, EXIST
RANGLER FIG	FICUS AUREA	3	12'-14' HEIGHT, EXIST,
EEN BUTTONWOOD EE	CONOCARPUS ERECTUS	1	12'-14' TRUNK
DMAN'S TONGUE TREE	ALBIZIA LEBBECK	1	EXIST.
PALM TREE EXISTING	LIVISTONA SPECIOSA	-	1000

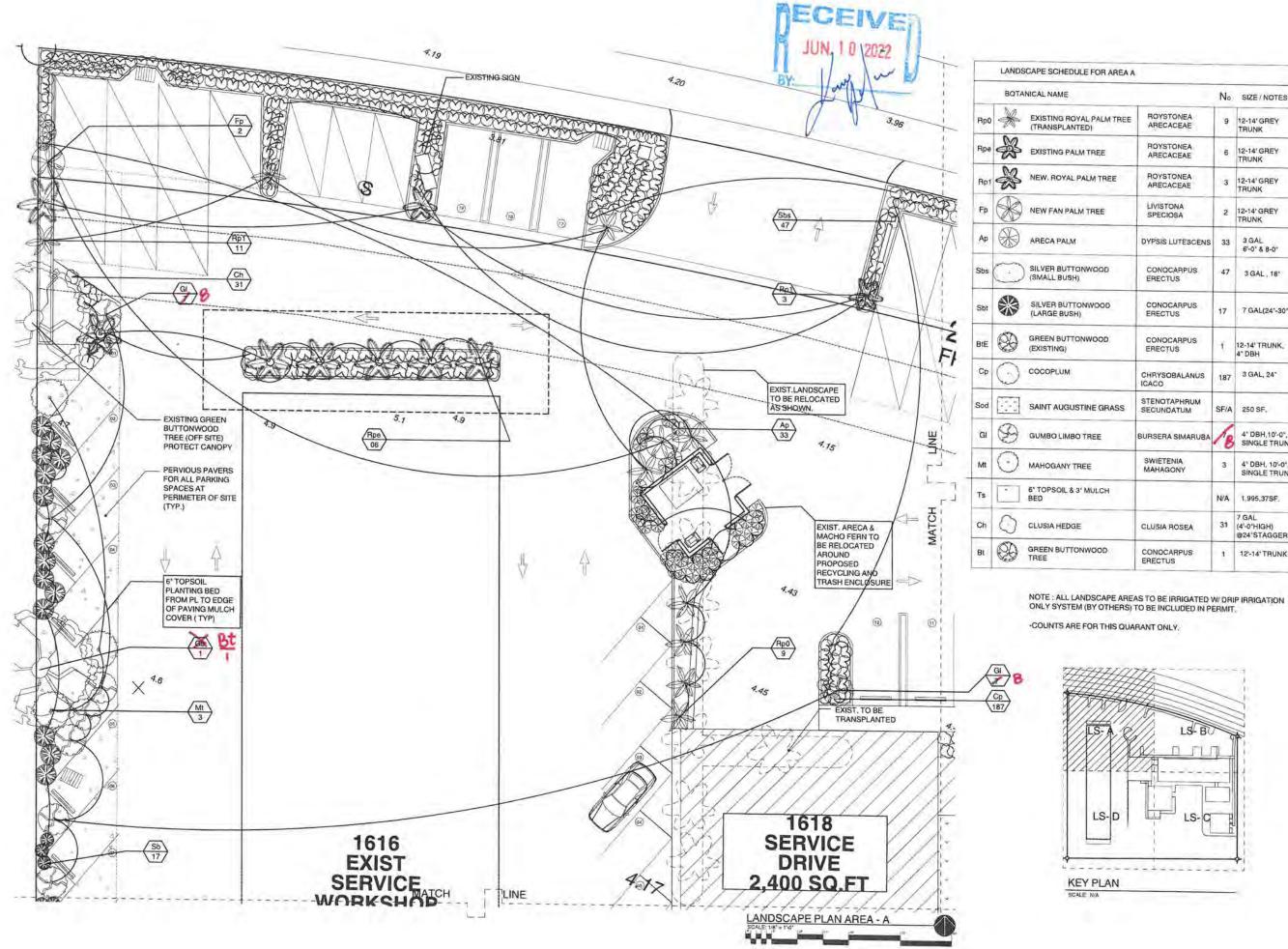




NOTE : ALL LANDSCAPE AREAS TO BE IRRIGATED W/ DRIP IRRIGATION ONLY SYSTEM (BY OTHERS) TO BE INCLUDED IN PERMIT.

510- 09.23.21

LS1.0



SCHEDULE FOR AREA	1		
NAME		No	SIZE / NOTES
TING ROYAL PALM TREE	ROYSTONEA	9	12-14' GREY TRUNK
TING PALM TREE	ROYSTONEA ARECACEAE	6	12-14' GREY TRUNK
ROYAL PALM TREE	ROYSTONEA	3	12-14' GREY TRUNK
FAN PALM TREE	LIVISTONA SPECIOSA	2	12-14' GREY TRUNK
APALM	DYPSIS LUTESCENS	33	3 GAL 6'-0" & 8-0"
R BUTTONWOOD L BUSH)	CONOCARPUS ERECTUS	47	3 GAL , 18*
ER BUTTONWOOD GE BUSH)	CONOCARPUS ERECTUS	17	7 GAL(24"-30")
N BUTTONWOOD TING)	CONOCARPUS ERECTUS	ť.	12-14' TRUNK. 4" DBH
PLUM	CHRYSOBALANUS	187	3 GAL, 24"
AUGUSTINE GRASS	STENOTAPHRUM SECUNDATUM	SF/A	250 SF.
O LIMBO TREE	BURSERA SIMARUBA	18	4" DBH, 10'-0", SINGLE TRUNK
GANY TREE	SWIETENIA MAHAGONY	3	4° DBH, 10'-0", SINGLE TRUNK
PSOIL & 3" MULCH		N/A	1,995,37SF.
A HEDGE	CLUSIA ROSEA	31	7 GAL (4'-0"HIGH) @24"STAGGERED
N BUTTONWOOD	CONOCARPUS ERECTUS	1	12'-14' TRUNK



ARCHITECTS PLANNERS INTERIORS DESIGNERS 1235 Coral Way Miami, FL 33145 305-542-0142

AA2603307

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Javler Salman Flores Registerion APDD14418

Proposed

Keys Auto Center

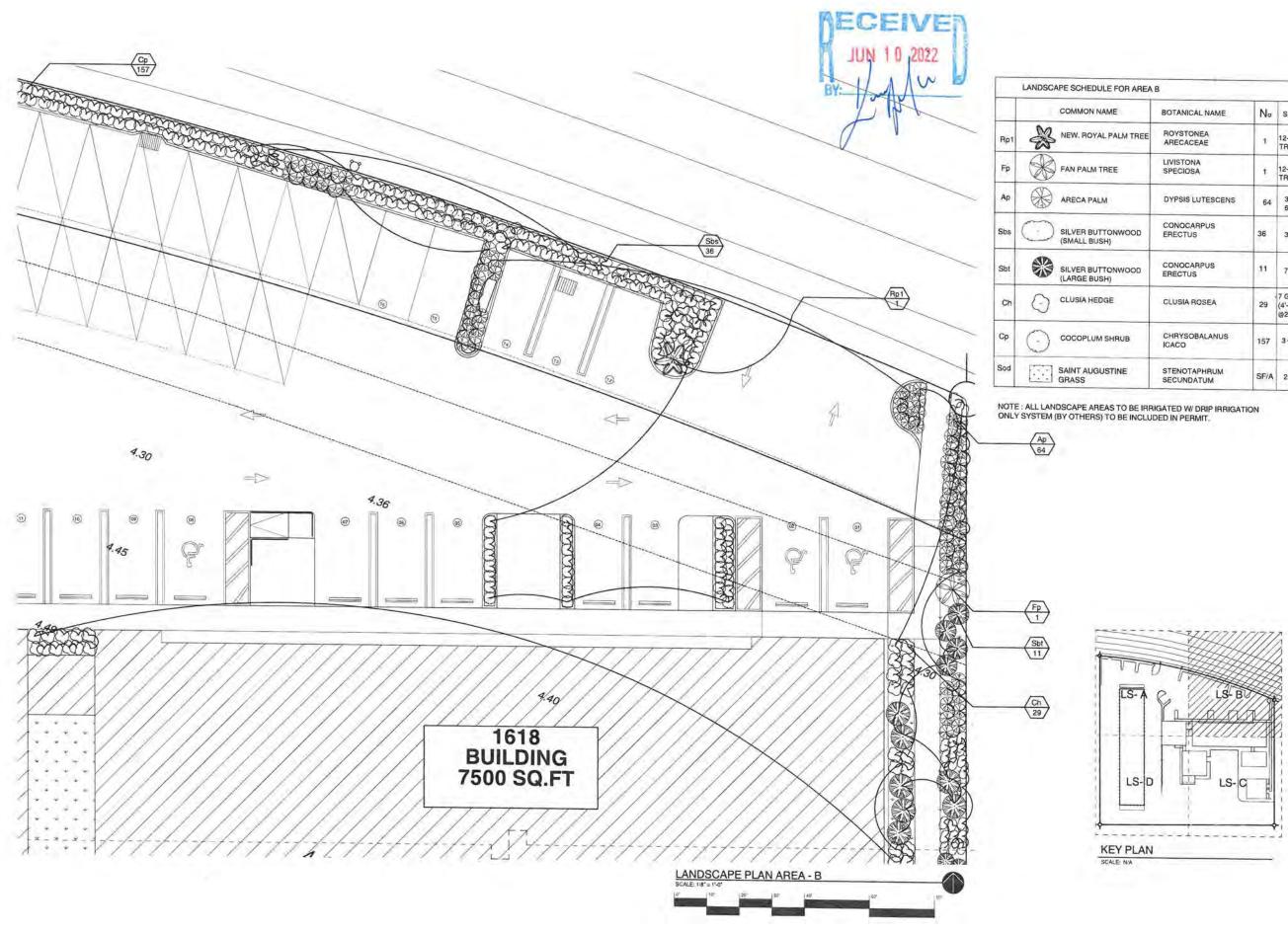
Auto Dealership

Address: 1618 N.Roosevelt Blvd Key West, FL 33040

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LS-A



HEDULE FOR AREA	в		
ION NAME	BOTANICAL NAME	No	SIZE / NOTES
ROYAL PALM TREE	ROYSTONEA ARECACEAE	1	12-14' GREY TRUNK
ALM TREE	LIVISTONA SPECIOSA	ţ	12-14' GREY TRUNK
A PALM	DYPSIS LUTESCENS	64	3 GAL 5'-0" & 8-0"
R BUTTONWOOD L BUSH)	CONOCARPUS ERECTUS	36	3 GAL , 18"
R BUTTONWOOD E BUSH)	CONOCARPUS ERECTUS	11	7 GAL(24"-30")
A HEDGE	CLUSIA ROSEA	29	7 GAL (4'-0"HIGH) @24"STAGGERED
PLUM SHRUB	CHRYSOBALANUS ICACO	157	3 GAL , 24*
AUGUSTINE S	STENOTAPHRUM SECUNDATUM	SF/A	2994 SF.



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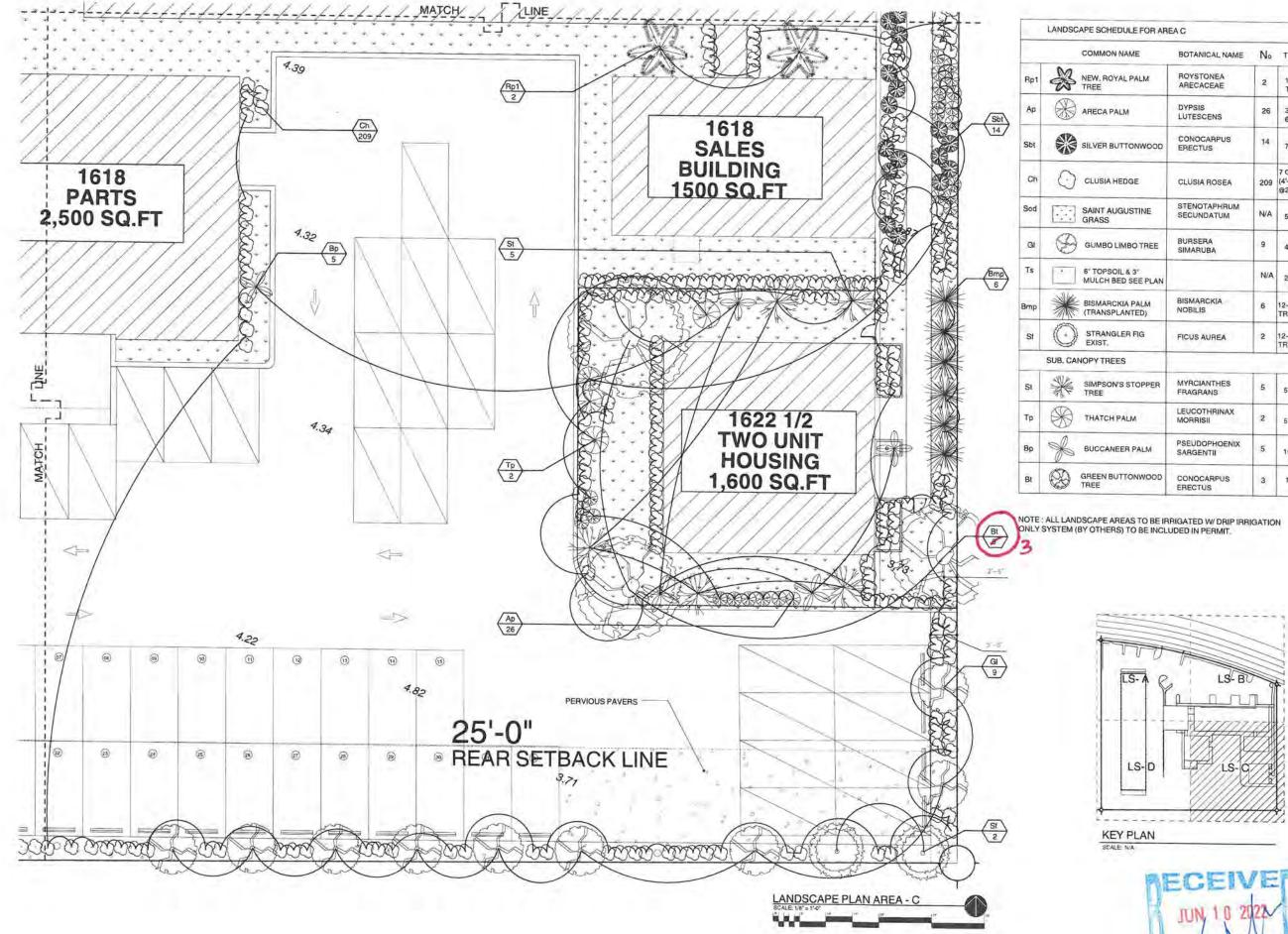
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ICCR-KEY WEST

Job Date: 04.64.22 Sun 09.23.21

LS-B



COMMON NAME	BOTANICAL NAME	No	TYPE
NEW, ROYAL PALM	ROYSTONEA ARECACEAE	2	12-14' GREY TRUNK
ARECA PALM	DYPSIS LUTESCENS	26	3 GAL 6'-0' & 8-0'
SILVER BUTTONWOOD	CONOCARPUS ERECTUS	14	7 GAL (24"-30")
CLUSIA HEDGE	CLUSIA ROSEA	209	7 GAL (4'-0"HIGH) @24"STAGGERED
SAINT AUGUSTINE GRASS	STENOTAPHRUM SECUNDATUM	N/A	5,086 SF.
GUMBO LIMBO TREE	BURSERA SIMARUBA	9	4° DBH
6" TOPSOIL & 3" MULCH BED SEE PLAN		N/A	2091.50 SF,
BISMARCKIA PALM (TRANSPLANTED)	BISMARCKIA NOBILIS	6	12-14' TRUNK
STRANGLER FIG EXIST.	FICUS AUREA	2	12-14' TRUNK
OPY TREES			
SIMPSON'S STOPPER TREE	MYRCIANTHES FRAGRANS	5	5 ' HEIGHT
THATCH PALM	LEUCOTHRINAX MORRISII	2	5'-10 ' HEIGHT
BUCCANEER PALM	PSEUDOPHOENIX SARGENTII	5	10'-15' HEIGHT
GREEN BUTTONWOOD	CONOCARPUS ERECTUS	з	12'-14' TRUNK

-Re-& ASSOCIATES ARCHITECTS PLANNERS INTERIORS DESIGNERS 1235 Coral Way Miami, FL 33145 305-542-0142 AA2603307

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Javier Salman Flores Ruyannes Gaontasto

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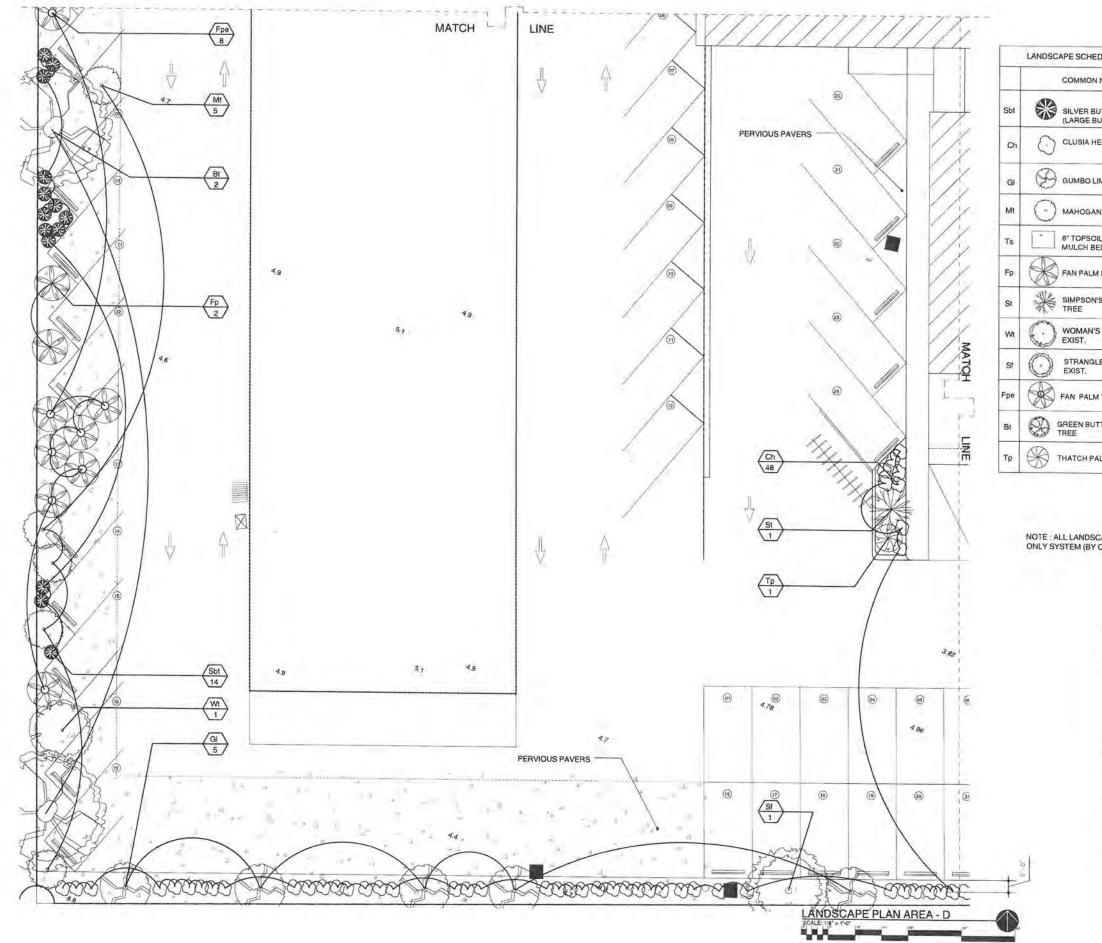
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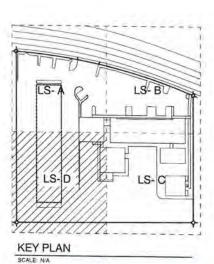
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EDULE FOR AREA	D		
IN NAME	BOTANICAL NAME	No	TYPE
BUTTONWOOD BUSH)	CONOCARPUS ERECTUS	14	7 GAL (24*-30*)
HEDGE	CLUSIA ROSEA	48	7 GAL (4'-0"HIGH) @24"STAGGERED
LIMBO TREE	BURSERA SIMARUBA	5	4" DBH
ANY TREE	SWIETENIA MAHAGONY	5	4" DBH
OIL & 3" BED SEE PLAN		N/A	5,619.32 SF.
MNEW	LIVISTONA SPECIOSA	2	8'-12 ' HEIGHT
N'S STOPPER	MYRCIANTHES FRAGRANS	1	5 ' HEIGHT, 3' DBT
N'S TONGUE TREE,	ALBIZIA LEBBECK	1	12.'HEIGHT
GLER FIG ,	FICUS AUREA	Ť	8'-12 ' HEIGHT
M TREE EXISTING	LIVISTONA SPECIOSA	в	EXIST.
UTTONWOOD	CONOCARPUS ERECTUS	2	12'-14' TRUNK
PALM	LEUCOTHRINAX MORRISII	1	5'-10' HEIGHT

NOTE : ALL LANDSCAPE AREAS TO BE IRRIGATED W/ DRIP IRRIGATION ONLY SYSTEM (BY OTHERS) TO BE INCLUDED IN PERMIT.



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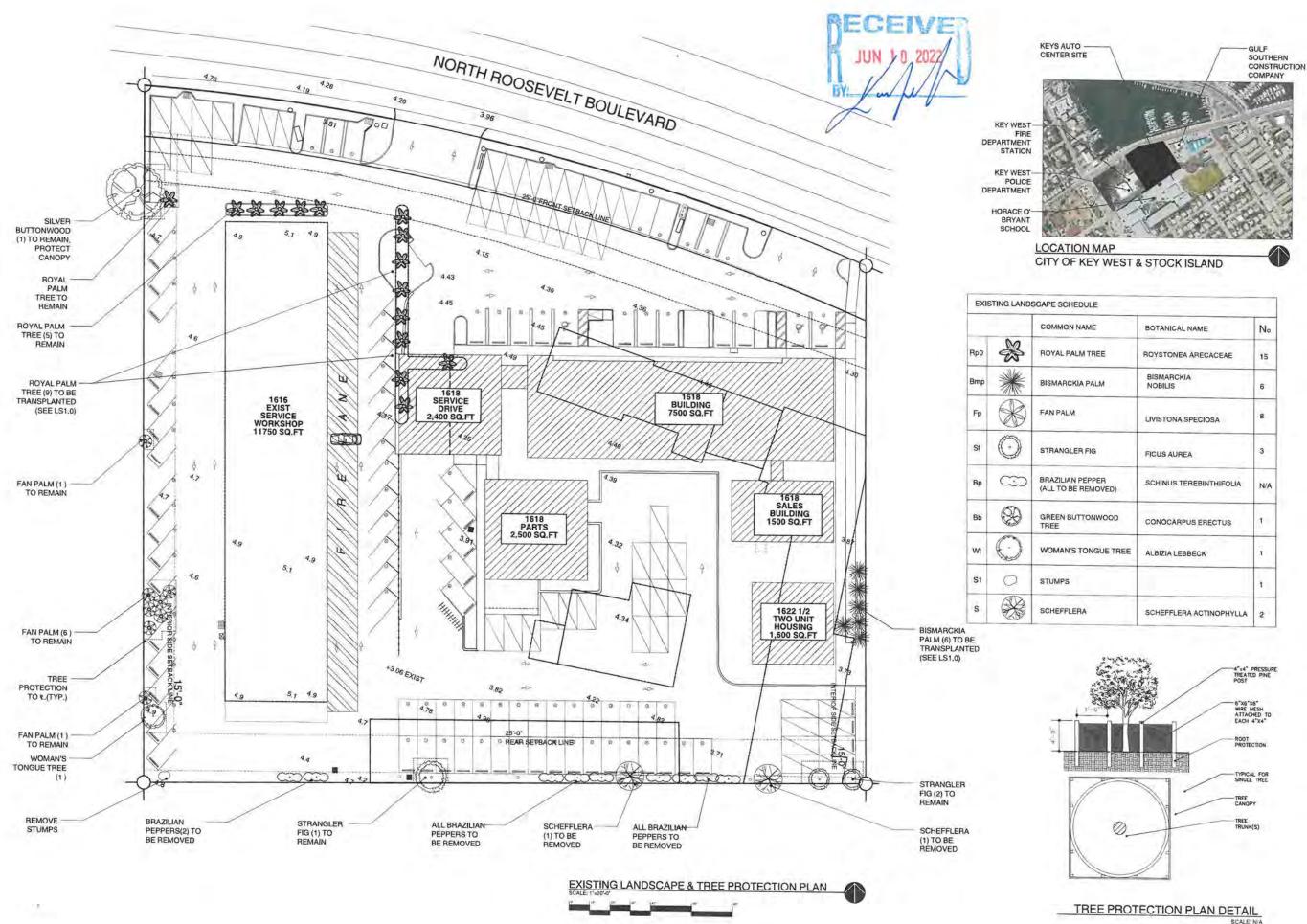
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ISSUE DATE 06.09.22 DCR-KEY WEST

LS-D



PESCHEDULE		
OMMON NAME	BOTANICAL NAME	No
OYAL PALM TREE	ROYSTONEA ARECACEAE	15
SMARCKIA PALM	BISMARCKIA NOBILIS	6
AN PALM	LIVISTONA SPECIOSA	8
RANGLER FIG	FICUS AUREA	3
RAZILIAN PEPPER LL TO BE REMOVED)	SCHINUS TEREBINTHIFOLIA	N/A
REEN BUTTONWOOD REE	CONOCARPUS ERECTUS	1
OMAN'S TONGUE TREE	ALBIZIA LEBBECK	1
TUMPS		1
CHEFFLERA	SCHEFFLERA ACTINOPHYLLA	2



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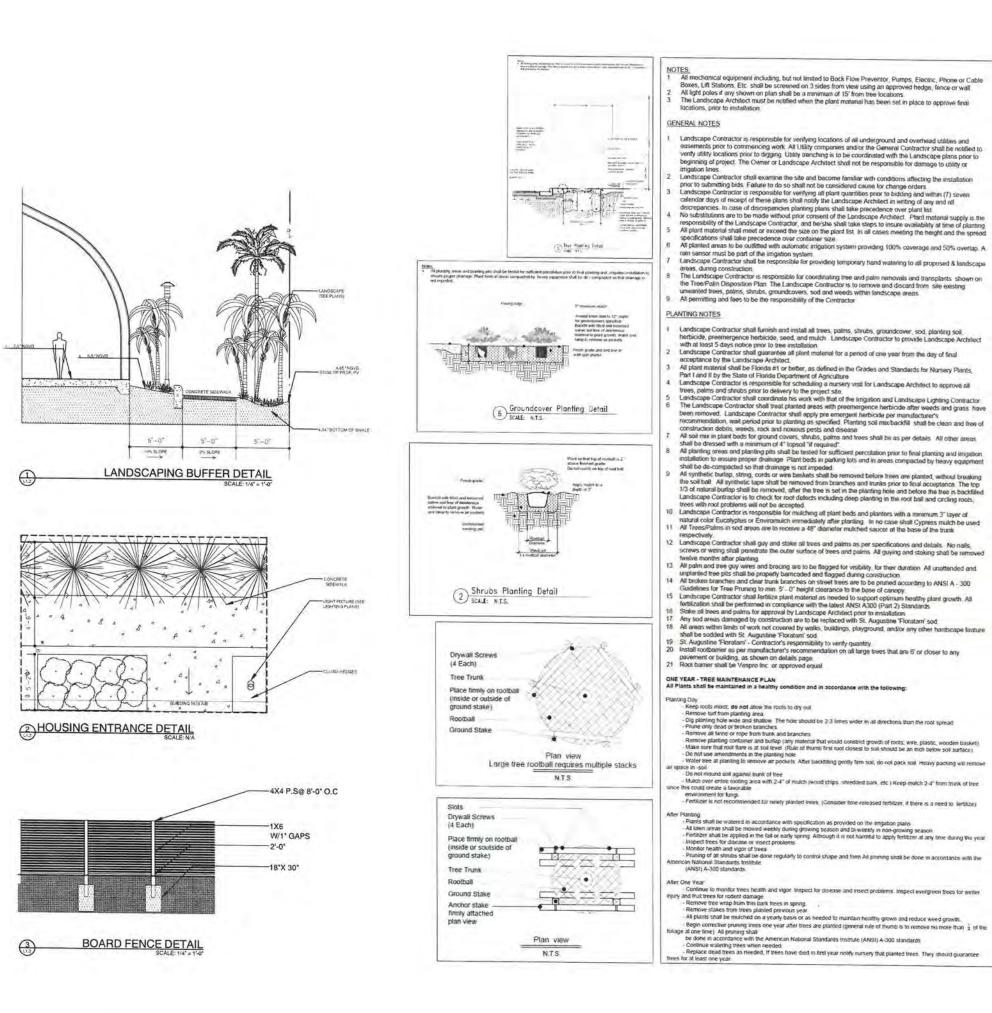
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ISSU	E DATE: 06.08.2
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ob Date: 04.04.22 5541 09.21.21

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installation to ansure proper draimage. Plant beds in parking lots and in areas compacted by heavy equipment

screws or witing shall penetrate the outer surface of trees and palms. All guying and stoking shall be removed

Remove planting container and burtap (any material that would constnict growth of roots, wire, plastic, wooden basket) Make sure that root thare is at soil level. (Rule of thumb first root closest to soil should be an inch below soil surface)

Continue to mondor trees health and vigor. Inspect for disease and insect problems. Inspect everyreen trees for writer

All plants shall be mainteen yearness year
 Bayes of a severy basis or as needed to maintain healthy grown and reduce weed growth.
 Begin corrective pruning trees one year after trees are planted (general rule of thurb) is to remove no more than $\frac{1}{2}$ of the bidged and emiles / All pruning shall.

replace dead trees as needed. If trees have died in first year notify nursery that planted trees. They should guarantee



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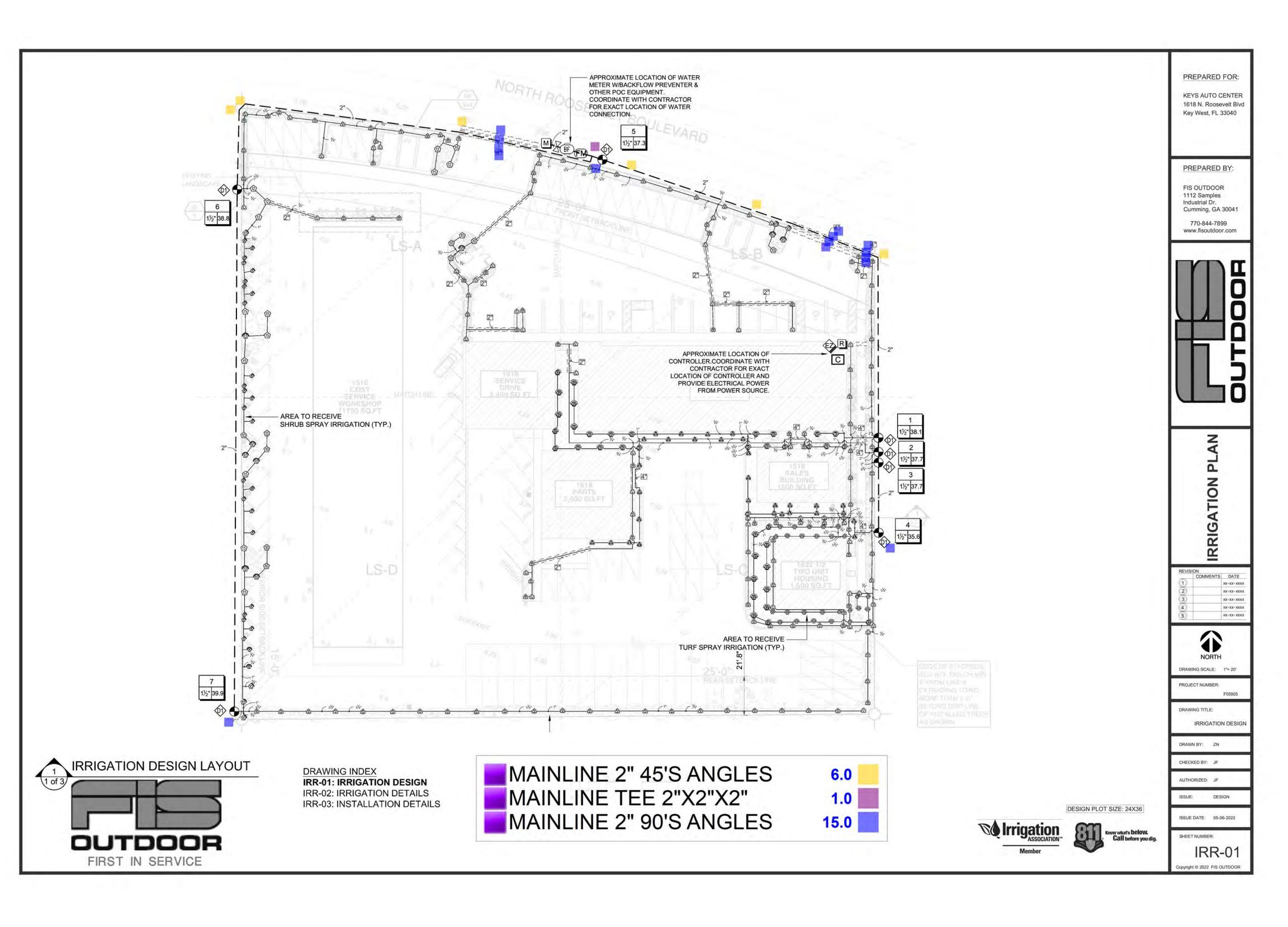
Address: 1618 N.Roosevelt Blvd Key West, FL 33040

ISSUE DATE: 06.08.22 DCR - KEY WEST

ECEIVE Date: 04.04.22 Start 09.23.21

BY:

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CRITICAL ANALYSIS

Generated:

Potable
2" 84.89 GPM
70.00 PSI 5.00 ft 2" <u>20 ft</u> 67.00 psi
39.86 GPM <u>84.89 GPM</u> 45.03 GPM
38.89 PSI 0.54 PSI 5.37 PSI 0 PSI 11.86 PSI 1.29 PSI 57.95 PSI 67 PSI 9.05 PSI

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	Hunter PGV-151G	1-1/2"	Turf Spray	38.07	124.8	37.92	53.78	1.6 in/h
2	Hunter PGV-151G	1-1/2"	Shrub Spray	37.70	132.7	36.7	52.56	1.57 in/h
3	Hunter PGV-151G	1-1/2"	Shrub Spray	37.70	138.7	36.07	51.98	1.52 in/h
4	Hunter PGV-151G	1-1/2"	Turf Spray	35.56	177.9	37.12	52.89	1.49 in/h
5	Hunter PGV-151G	1-1/2"	Shrub Spray	37.33	288.2	37.16	50.43	1.49 in/h
6	Hunter PGV-151G	1-1/2"	Shrub Spray	38.78	542.7	36.9	52.7	1.27 in/h
7	Hunter PGV-151G	1-1/2"	Shrub Spray	39.86	834.7	38.88	57.95	1.3 in/h
	Common Wire				890.6			

WATERING SCHEDULE

NUMBER	MODEL
1	Hunter PGV-151G
2	Hunter PGV-151G
3	Hunter PGV-151G
4	Hunter PGV-151G
5	Hunter PGV-151G
6	Hunter PGV-151G
7	Hunter PGV-151G



<u>TYPE</u> Turf Spray Shrub Spray Shrub Spray Turf Spray Shrub Spray Shrub Spray Shrub Spray	<u>PRECIP</u> 1.6 in/h 1.57 in/h 1.52 in/h 1.49 in/h 1.49 in/h 1.27 in/h 1.3 in/h	IN./WEEK 1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.0	<u>MIN./WEEK</u> 38 39 40 41 41 41 48 47	<u>GAL./WEEK</u> 1,447 1,470 1,508 1,458 1,531 1,861 1,873	<u>GAL./DAY</u> 482.2 490.1 502.7 486.0 510.2 620.4 624.4
Shrub Spray TOTALS:	1.3 in/h	1.01	47 294	1,873 11,148	624.4 3,716

SLEEVING SIZE SCHEDULE

PIPE SIZE	SLEEVE SIZE
3/4"	2" SLV
1"	2" SLV
1 1/4"	2" SLV
1 1/2"	4" SLV
2"	4" SLV
2 1/2"	4" SLV
3"	6" SLV

VALVE SIZING REQUIREMENTS

MAX.FLOW RANGE	VALVE SIZE
1 TO 25 GPM	1"
26 TO 50 GPM	1-1/2"
51 TO 75 GPM	2"



LATERAL PIPE SIZING REQUIREMENTS 4. THE PRESSURE REQUIREMENT AT THE POINT OF CONNECTION IS BASED ON

PVC CI	LASS 200	PVC S	CH 40
3/4"	10 GPM	3/4"	8 GPM
1"	16 GPM	1"	12 GPM
1 1/4"	26 GPM	1 1/4"	22 GPM
1 1/2"	35 GPM	1 1/2"	30 GPM
2"	55 GPM	2"	50 GPM
2 1/2"	80 GPM	2 1/2"	70 GPM
3"	120 GPM	3"	110 GPM

GENERAL IRRIGATION NOTES

- 1. IRRIGATION SYSTEM DESIGN IS BASED ON 40 GPM AND 70 PSI. EACH IRRIGATION ZONE SHALL BE PROGRAMMED ON THE BASIS OF WATER REQUIREMENT 0.75 (LOW VOLUME IRRIGATION) 1.01 (HIGH VOLUME IRRIGATION) INCH WATER PER WEEK TO THE LANDSCAPE IRRIGATION SYSTEM.
- 2. IRRIGATION DESIGN IS FROM THE POINT OF CONNECTION (POC) ONLY. THE DESIGN IS BASED ON GALLONS PER MINUTE (GPM) AND POUNDS PER SQUARE INCH (PSI) FURNISHED BY OTHERS.
- 3. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION OF ALL SITE UTILITIES AND MAKING THE NECESSARY ADJUSTMENTS TO THE IRRIGATION SYSTEM TO ACCOMMODATE THE INFRASTRUCTURE.
- NO MORE THAN 5 FEET OF ELEVATION CHANGE IN THE AREAS OF IRRIGATION.
- 5. PIPE LOCATIONS ARE DIAGRAMATIC. MAINLINE, LATERAL & VALVES SHOWN IN OUTSIDE OF CURBS FOR GRAPHIC CLARITY ONLY.
- 6. CONTRACTOR TO VERIFY WATER PRESSURE AND AVAILABILITY PRIOR TO INSTALLATION.
- 7. ALL CONTROL WIRING DOWNSTREAM OF THE CONTROLLER IS TO BE 2-WIRE, UL APPROVED DIRECT BURY.
- 8. LOCATION OF IRRIGATION COMPONENTS SHOWN ON DRAWING IS APPROXIMATE. ACTUAL PLACEMENT MAY VARY SLIGHTLY AS REQUIRED TO ACHIEVE FULL, EVEN COVERAGE.
- 9. CONTRACTOR SHALL INSTALL ADDITIONAL CHECK VALVES TO HEADS AND LATERALS AS REQUIRED TO PREVENT LOW HEAD DRAINAGE.

IRRIGATION_SCHEDULE

SYMBOL	MANUFACTURER/MODEL	QTY
A A A A A A A A A A A A A A A A A A A	Hunter PROS-06-NSI 5` strip spray	30
6 8 6 6 Q T H F	Hunter PROS-06-NSI 8` radius	26
(b) (b) (b) (c) Q T H F	Hunter PROS-06-NSI 10` radius	18
Q T H TT TQ F	Hunter PROS-06-NSI 12` radius	20
盘 企 企 企 企	Hunter PROS-12 5` strip spray on riser	161
18 18 18 18 Q T H F	Hunter PROS-12 8` radius on riser	27
10 10 10 10 отн ғ	Hunter PROS-12 10` radius	13
12 12 12 12 12 12 Q T H TT TQ F	Hunter PROS-12 12` radius	2
* * * *	Hunter PROS-12 Adjustable Arc	24
SYMBOL	MANUFACTURER/MODEL	QTY
•	Hunter PGV-151G 1-1/2"	7
×	Gate Valve 2"	1
(BF)	Apollo RPZ Backflow 2"	1
	Hunter I2C-0800-PL	1
\bigotimes_{A}	Hunter EZ-1 Decoder	7
€Ž	Hunter EZDM	1
R	Hunter WR-CLIK	1
FM	Hunter HC-200-FLOW	1
Μ	Water Meter 2"	1
	Irrigation Lateral Line: PVC Class 200 SDR 21 3/4"	2,680 l.f.
	Irrigation Lateral Line: PVC Class 200 SDR 21 1"	720 l.f.
	Irrigation Lateral Line: PVC Class 200 SDR 21 1 1/4"	360 l.f.
	Irrigation Lateral Line: PVC Class 200 SDR 21 1 1/2"	180 l.f.
	Irrigation Lateral Line: PVC Class 200 SDR 21 2"	80 l.f.
	Irrigation Mainline: PVC Class 200 SDR 21 2"	900 l.f.
	Pipe Sleeve: Conduit 1 1/4" (Wire)	110 l.f.
	Pipe Sleeve: PVC Schedule 40 2"	250 l.f.
	Pipe Sleeve: PVC Schedule 40 4"	150 I.f.
	Valve Callout	
# •	Valve Number	

PREPARED FOR:

KEYS AUTO CENTER 1618 N. Roosevelt Blvd Key West, FL 33040

<u>PREPARED BY</u> : FIS OUTDOOR 1112 Samples Industrial Dr. Cumming, GA 30041 770-844-7899 www.fisoutdoor.com
IRRIGATION DETAILS
COMMENTS DATE 1 xx-xx-xxxx 2 xx-xx-xxxx 3 xx-xx-xxxx 4 xx-xx-xxxx 5 xx-xx-xxxx
DRAWING SCALE: NTS PROJECT NUMBER:
PROJECT NUMBER: F55905 DRAWING TITLE:
PROJECT NUMBER: F55905 DRAWING TITLE: IRRIGATION DETAILS
PROJECT NUMBER: F55905 DRAWING TITLE: IRRIGATION DETAILS DRAWN BY: ZN
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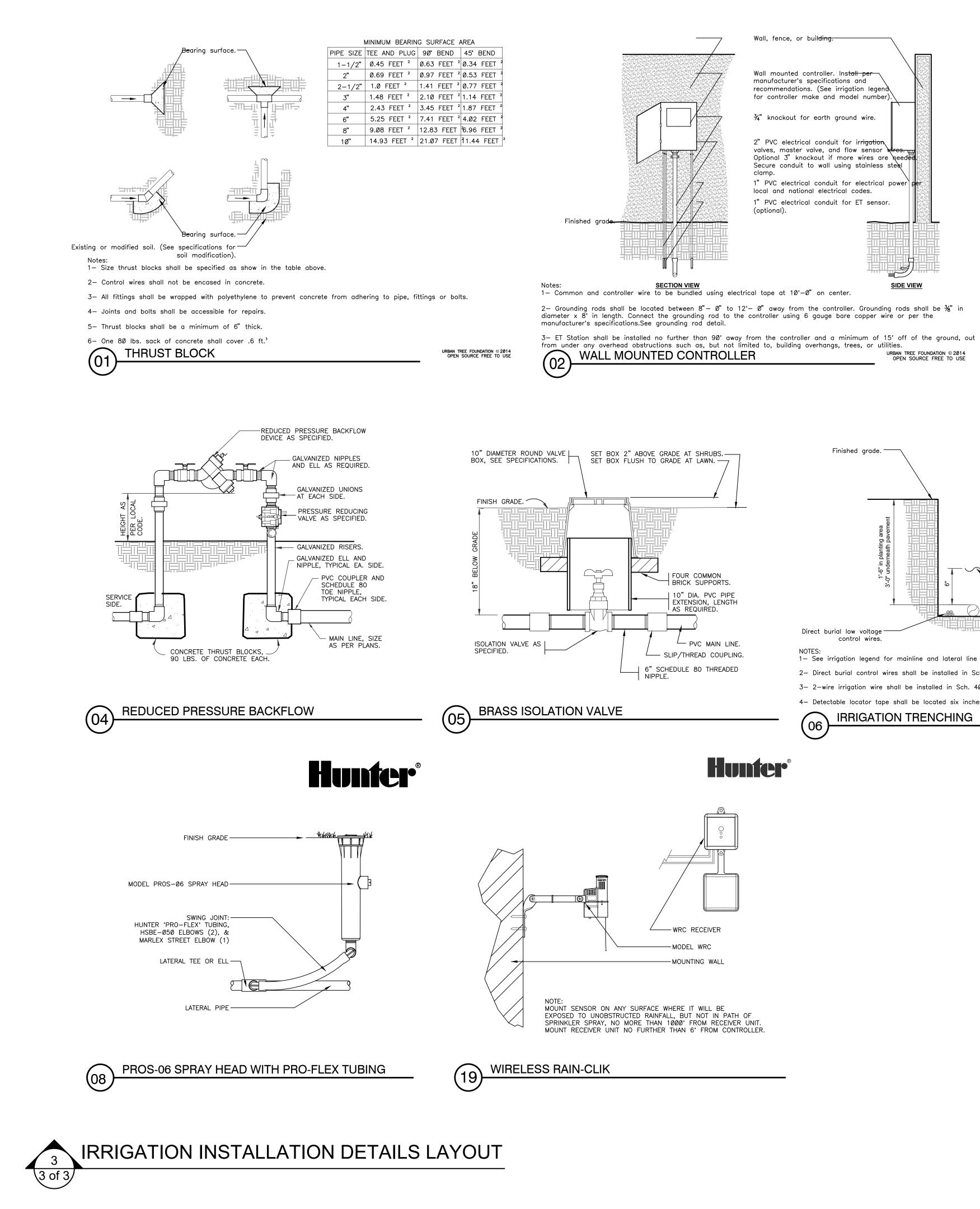
- 10. ACTUAL LOCATION FOR THE INSTALLATION OF THE BACKFLOW AND THE CONTROLLER IS TO BE DETERMINED IN THE FIELD BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
- 11. ALL HEADS ARE TO BE INSTALLED WITH THE NOZZLE, SCREEN AND ARCS SHOWN ON THE PLANS. ALL HEADS ARE TO BE ADJUSTED TO PREVENT OVERSPRAY ONTO BUILDINGS, WALLS, FENCE AND ANY HARD STRUCTURE.
- 12. FINAL LOCATION OF THE AUTOMATIC CONTROLLER (S) SHALL BE APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION (INDOOR VS OUTDOOR).
- 13. SLEEVE SHALL BE PLACED UNDER PAVEMENT AS SHOWN ON PLANS AND SHALL BE A MINIMUM OF 2X THE SIZE OF THE IRRIGATION PIPE. SEE SLEEVE SIZE CHART.
- 14. ALL MAINLINE PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OF COVER AND ALL LATERAL PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 12" OF COVER.

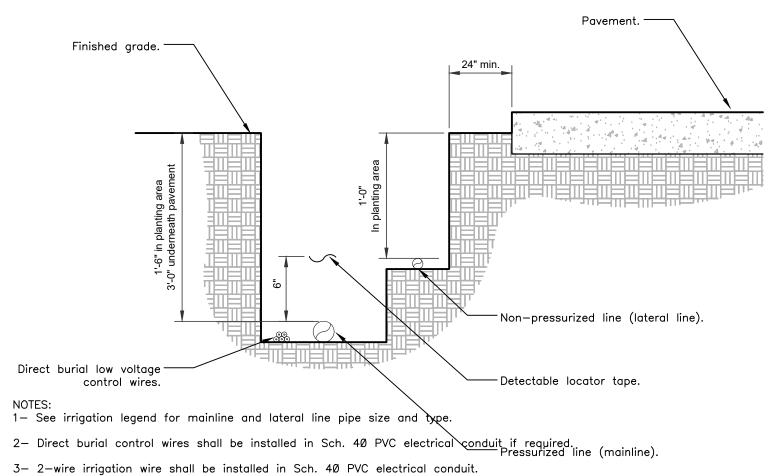
15. ALL REMOTE CONTROL VALVES, GATE VALVES AND QUICK COUPLER VALVE SHALL BE INSTALLED IN VALVE BOXES.

16. ANY PIPING OR VALVES SHOWN OUTSIDE OF THE PROPERTY LINE OR OUTSIDE OF LANDSCAPE AREA IS SHOWN THERE FOR DESIGN CLARITY ONLY. ALL PIPING AND VALVES SHALL BE INSTALLED ON THE PROPERTY AND WITHIN LANDSCAPE AREAS.

Valve Number Valve Flow

- Valve Size





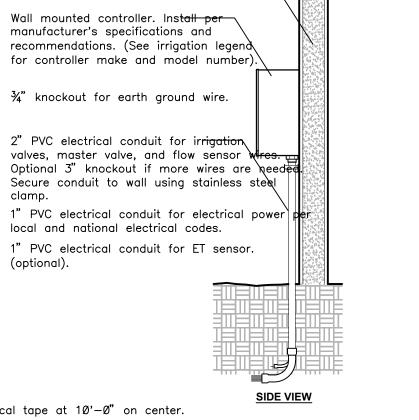
4- Detectable locator tape shall be located six inches (6") above the entire mainline run.

IRRIGATION TRENCHING

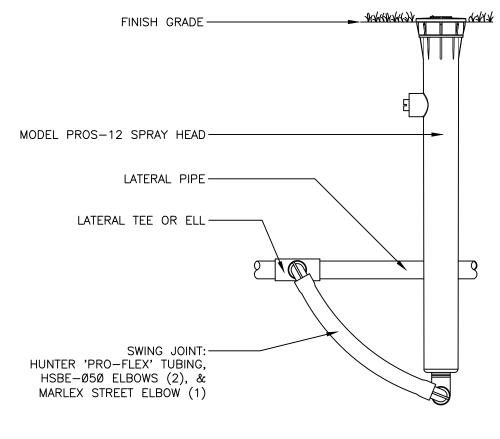
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2— Grounding rods shall be located between 8"— Ø" to 12'— Ø" away from the controller. Grounding rods shall be ⅔" in diameter x 8' in length. Connect the grounding rod to the controller using 6 gauge bare copper wire or per the



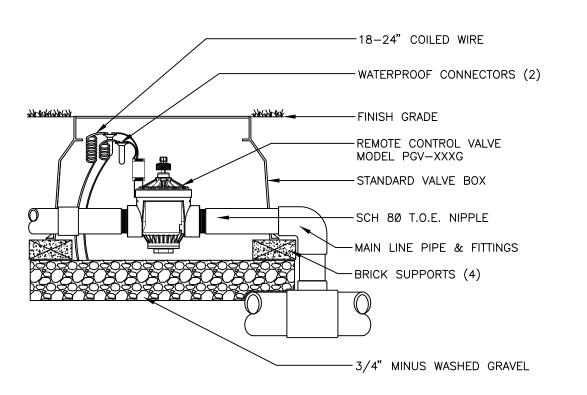
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PROS-12 SPRAY HEAD WITH PRO-FLEX TUBING





PGV GLOBE VALVE

(07)

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Know what's below. **Call** before you d

PREPARED FOR:

KEYS AUTO CENTER 1618 N. Roosevelt Blvd Key West, FL 33040

PREPARED BY: FIS OUTDOOR 1112 Samples Industrial Dr. Cumming, GA 30041 770-844-7899 www.fisoutdoor.com
INSTALLATION DETAILS
REVISIONCOMMENTSDATE1xx-xx-xxxx2xx-xx-xxxx3xx-xx-xxxx4xx-xx-xxxx5xx-xx-xxxx
DRAWING SCALE: NTS PROJECT NUMBER: F55905
DRAWING TITLE:
DRAWN BY: ZN
DRAWN BY:ZNCHECKED BY:JFAUTHORIZED:JFISSUE:DESIGNISSUE DATE:05-06-2022

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STAFF REPORT

DATE: June 7 and 10, 2022

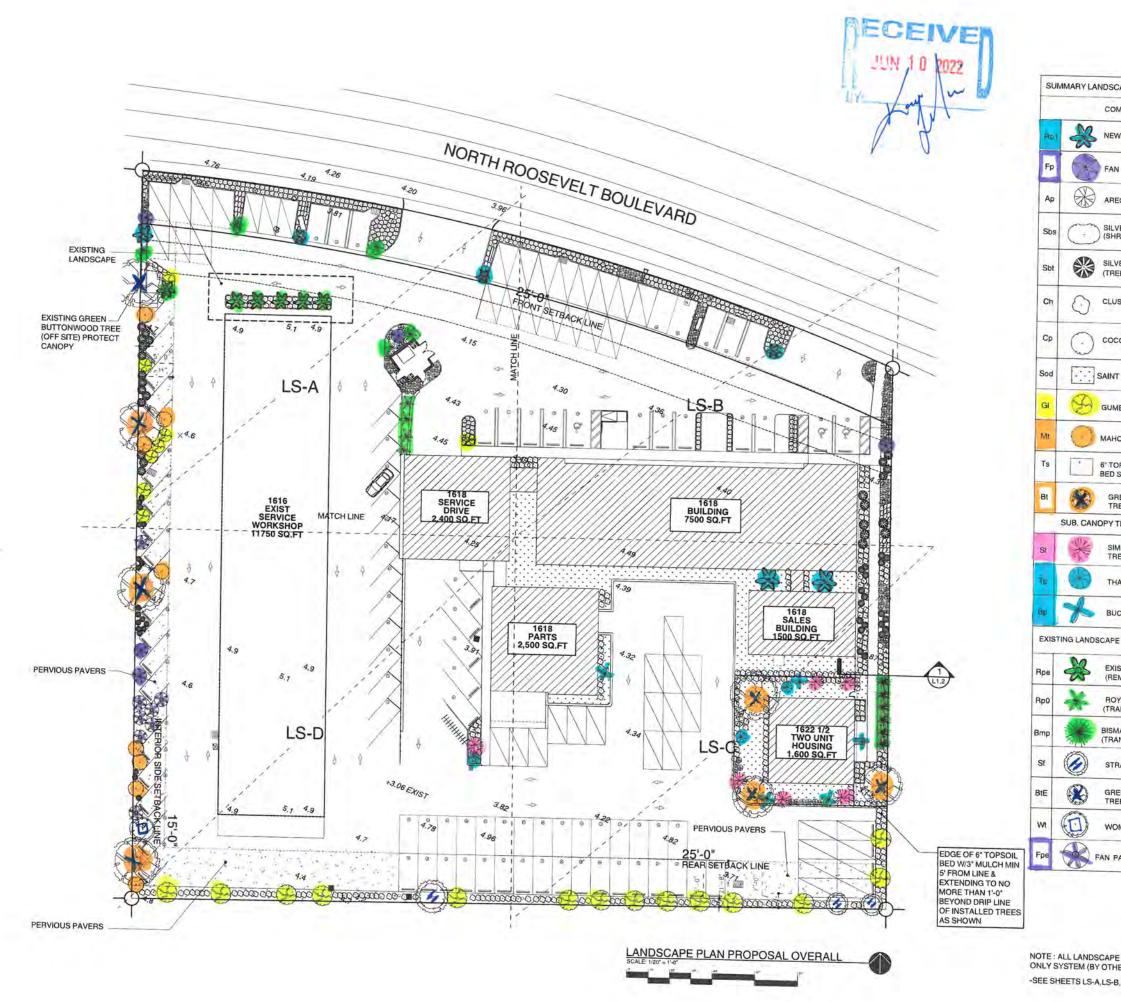
RE: 1618 N. Roosevelt Blvd #TP2022-0012 (Final Landscape Plan Review)

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

An application was submitted for Final Landscape Plan Approval for the above referenced property also known as Keys Auto Center. There is no tree removal involved with this review but, several palms will be transplanted.

A staff report regarding conceptual landscape plan design approval was created on May 12 & 17, 2022 and a Sec 108 landscaping and buffer requirements memorandum was created on May 13 & 18, 2022. The reports are attached. The Planning Board approved the development plan with landscape waivers on May 19, 2022.

The property is an existing car dealership/auto repair facility that is being redeveloped. The Final Landscape Plan will enhance the existing area and includes additional trees around the property line buffer areas and around the two new residential units. Nine existing Royal Palms and (6) young Bismarkia palms will be transplanted to other areas of the property. The new landscaping is 70% native vegetation. An irrigation and landscape maintenance plan has been submitted. A transplantation plan must be submitted prior to issuance of any building permits.



CAPE SCHEDULE	1		
MMON NAME	BOTANICAL NAME	No	SIZE / NOTES
V. ROYAL PALM TREE	ROYSTONEA ARECACEAE	6	12-14' GREY TRUNK
PALM TREE NEW	LIVISTONA SPECIOSA	5	12-14' GREY TRUNK
ECA PALM	DYPSIS LUTESCENS	123	3 GAL 6'-0" & 8-0"
VER BUTTONWOOD RUB)	CONOCARPUS ERECTUS	83	3 GAL , 18"
ER BUTTONWOOD	CONOCARPUS ERECTUS	56	7 GAL(24*-30*)
SIA HEDGE	CLUSIA ROSEA	317	7 GAL (4'-0"HIGH) @24"STAGGEREC
OPLUM	CHRYSOBALANUS ICACO	344	3 GAL , 24"
AUGUSTINE GRASS	STENOTAPHRUM SECUNDATUM	SF/A	8400 SF.
IBO LIMBO TREE	BURSERA SIMARUBA	22/	4" DBH, 10'-0", SINGLE TRUNK
OGANY TREE	SWIETENIA MAHAGONY	8	4" DBH, 10'-0", SINGLE TRUNK
PSOIL & 3' MULCH SEE PLAN		SF/A	9,706.19 SF.
REEN BUTTONWOOD	CONOCARPUS ERECTUS	6	12'-14' TRUNK
TREES			
MPSON'S STOPPER EE	MYRCIANTHES FRAGRANS	6	5'HEIGHT
ATCH PALM	LEUCOTHRINAX MORRISII	3	5'-10 ' HEIGHT
CCANEER PALM	PSEUDOPHOENIX SARGENTII	5	10'-15' HEIGHT
	U.S.		-
STING PALM TREE MAIN IN PLACE)	ROYSTONEA ARECACEAE	6	12-14' GREY TRUNK
YAL PALM TREE ANSPLANTED, SEE LS1	ROYSTONEA ARECACEAE	9	12'-15' HEIGHT
IARCKIA PALM NSPLANTED, SEE LS1,	1) BISMARCKIA NOBILIS	6	12'-14' HEIGHT, EXIST
ANGLER FIG	FICUS AUREA	3	12'-14' HEIGHT, EXIST.
EEN BUTTONWOOD	CONOCARPUS ERECTUS	1	12'-14' TRUNK
MAN'S TONGUE TREE	ALBIZIA LEBBECK	1	EXIST.
ALM TREE EXISTING	LIVISTONA SPECIOSA	8	EXIST.



ARCHITECTS PLANNERS INTERIORS DESIGNERS

1235 Coral Way Miami, FL 33145 305-542-0142

AA2603307

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Proposed

Keys Auto Center

Auto Dealership

Address: 318 N.Roosevelt Blvd Key West, FL 33040

SSUE DATE: 06.08.22 DCR . KEY WEST

Job Dam 04,04,22 Start 09.23.21

NOTE : ALL LANDSCAPE AREAS TO BE IRRIGATED W/ DRIP IRRIGATION ONLY SYSTEM (BY OTHERS) TO BE INCLUDED IN PERMIT. -SEE SHEETS LS-A, LS-B, LS-C, LS-D FOR DETAIL PLANS.

LS1.0

DRAFT STAFF REPORT

DATE: May 13 and 18, 2022

RE: 1618 North Roosevelt Blvd (Landscape Sec 108 Review)

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

An application was submitted to the Tree Commission for Conceptual Landscape Plan approval for a major development plan to redevelop the property. A site visit was done with the architect to document the existing vegetation on the site on April 28, 2022. Review and acceptance of the existing tree map and preliminary, conceptual review of the landscape plan was done by the Urban Forestry Manager on May 17, 2022. The review below is to verify compliance to Sec 108 of the City Code regarding landscaping and buffer requirements to help the Planning Board with their review. This review is based on the site and landscape plans submitted to the Urban Forestry Manager on May 17, 2022 and to the Planning department dated May 6, 2022.

Review of Section 108:

- Sec 108-243: A landscape plan and a tree protection plan has been submitted. An irrigation plan as per Sec 108-515, has not been submitted.
- 2. Sec 108-289: The property is an existing, car dealership (disturbed uplandscommercial). The project will not be removing any regulated trees. Regulated palms are to be transplanted on the property.
- 3. Sec 108-346: As per the submitted plans, the open space percentage is 17%. This has not been verified. There are several Brazilian pepper trees, an invasive exotic plant, along the rear property line with the school that will be removed. Due to the seed source being in the soil, the property maintenance plan must include a statement regarding maintenance of the property to remove any invasive exotic plant species. A waiver might be needed for open space.
- 4. Sec 108-347 (bufferyards): The proposed and current use are the same, car dealership with the exception of an added residential unit in the rear of the property (medium/high impact). According to the property appraiser site, the property along the east side is a shopping center (medium impact), along the south is HOB School-classroom building (medium impact), and along the west side municipal-fire and police station (medium/high impact). Code buffer requirements would be a C for all three areas.

The east side buffer is approximately 5 ft wide therefore, 72 plant units per 100 linear feet are required for a total of 267 plant units. The plan proposes a total of 167 plant units. Waiver required or add additional plants to the plan. There is a sidewalk immediately adjacent to this buffer area with approximately an additional 80 shrubs being planted.

The south side buffer is approximately 5 ft wide therefore, 72 plant units per 100 linear feet are required for a total of 267 plant units. Three existing Strangler Fig trees are located in this buffer area and are to remain. Strangler Fig trees are an important canopy tree therefore, as per Sec 108-451, a two tree credit for each Strangler Fig tree has been given. The plan proposes a total of 251 plant units. Waiver required or add additional plants to the plan.

The west side buffer is approximately 2.5 ft wide therefore, 80 plant units per 100 linear feet are required for a total of 278 plant units. The plan proposes a total of 255 plant units. Waiver required or add additional plants to the plan.

- 5. Sec 108-348 allows for credit of existing plant material. Regulated and not regulated trees and palms currently located along the property lines will remain. Royal Palms located in the interior of the property will be transplanted to other areas on the property. Credit has been given during the review for those palms and trees that are remaining on site.
- Sec 108-412: The applicant states that 17% of the site will be landscaped. This
 has not been verified. Code requires a minimum of 20% of the building site area
 be landscaped and 70% of the vegetation shall be native vegetation. The
 landscape plan does include 70% native vegetation. A waiver might be needed for
 minimum landscape area.
- 7. 108-413, landscape requirement along street frontages. The property is 2.76 acres therefore, this section of the code requires 120 plant units per 100 linear ft in a 30 ft wide buffer area for a total of 464 plant units. The plan proposes approximately 260 shrubs planted in a 5 ft wide landscape strip along the N. Roosevelt Blvd sidewalk. The proposed landscaping also includes several island extension areas from the shrub landscape strip that include an additional 150 plants units that include shrubs and five palms. A waiver is needed for buffer width and plant units.
- 8. Sec 108-414 Interior parking areas: The property includes parking for customers, employees, parking areas for car repair work areas, and parking of new vehicles-for sale. Parking islands are proposed primarily in the customer areas. Code requires a minimum landscape area of 20% of the total parking area and includes requirements as to size and vegetation. At this time, it is not known what percentage of the parking areas are for what purpose. A waiver might be needed.
- 9. Sec 108-416, interior area landscaping. This section of code specifically looks at the planting of trees and requires that all areas not covered by buildings or hardscape will have grass, groundcover, shrubs or other landscaping materials. The application states 20,157 square feet of area or 17% is not covered by asphalt or buildings. Therefore, 10 canopy trees are required to be planted in the interior of the property. The landscape plan includes most of the canopy trees to be planted along the side buffer areas. The proposed landscape plan does include the planting of three Simpson Stopper trees, a subcanopy tree species, a Gumbo Limbo tree, and numerous palms in the interior area. A waiver will be needed.
- 10. Sec 108-447: A tree protection has been submitted.

- 11. Sec108-448: Landscape strips are to be covered in soil and mulch. Sod has been proposed in some larger areas and pervious pavers are also proposed. No other groundcover plants have been proposed. A waiver might be needed.
- 12. Sec 108-450: Landscape screening has been provided.
- 13. Sec 108-452: This section reviews line of site areas. There is a concern regarding the use of vegetation along the N. Roosevelt Blvd landscape area due to the nature and shape of the roadway in this area. The proposed landscape plan provides minimal landscaping in this area with cocoplum shrubs that easily be maintained at a 24 inch height.
- 14. Sec 108-481: Palms constitute less than 25% of total tree requirements.
- 15. Sec 108-482: A landscape maintenance plan is required. A maintenance plan has not been submitted.
- 16. Sec 108-515: Irrigation plan required. An irrigation plan has not been submitted. A note on the landscape plans states; "all areas to be irrigated w/drip irrigation only system (by others) to be included in permit." A condition of the approval is needed.

Conditions:

- Due to the rush review of the submitted landscape plan, final approval of a corrected and updated landscape plan is required from the Tree Commission to include additional plantings, as requested by the Planning Director, and Urban Forestry Manager.
- 2. An irrigation plan is required prior to placement on City Commission agenda.
- 3. A landscape maintenance plan and palm transplantation plan is required.

5-18-22 Karen DeMaria

Urban Forestry Manager City of Key West

STAFF REPORT

DATE: May 12 and May 17, 2022

RE: 1618 N. Roosevelt Blvd (permit application #TP2022-0010)

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

On March 28, 2022, an application was submitted for Conceptual Landscape Plan approval for a major development plan. The application was considered incomplete due to the lack of a proper existing tree map and outstanding issues with other departments.

On April 11, 2022, a meeting was held to discuss pending issues regarding city departments and the development plan. A site meeting was then scheduled on April 28, 2022 to document the existing conditions of the site and to verify locations of existing trees and palms on the property. On May 2 and 4, 2022 updated plans including an updated site map and landscape plan were submitted. Additional information and clarification was requested and on May 16, 2022 the existing tree map and landscape plan was accepted for review.

The existing site map shows all the documented vegetation on the property. The plan misidentifies the scientific name on a few species. This will need to be corrected prior to Final Landscape Plan review by the Tree Commission.

No regulated trees or palms are being removed. Nine Royal Palms will be relocated on the property. A transplant plan will need to be provided.

The Conceptual Landscape Plan is 70% native vegetation, tree species are appropriate for the area, and no regulated trees are being removed. Therefore, the Urban Forester approves of the Conceptual Landscape Plan, as submitted, so that the file can be reviewed by the Planning Board. Final Landscape Plan approval will have to be approved by the Tree Commission.

Karen DeMaria Urban Forestry Manager City of Key West



Google Earth photo showing entire site.



Photo looking toward the west along front of the property and N. Roosevelt Blvd.



Photo looking south down the eastern property line.





Photo showing young Bismarkia palms on eastern property line

Photo standing on eastern property line looking south toward HOB school.



Standing near the southeast corner of the property looking toward the west at the interior of the property.

Photo of the southeast corner of the property looking at the existing Ficus trees.



Photo of the southern property line, southeast corner area where ficus and Brazilian pepper trees are located.

Standing near southwest area of property looking at southern property line with HOB school.



Existing ficus tree on southern property line, view 1.



Existing ficus tree on southern property line, view 2.



Photo looking down southern property line toward southwest corner.

Photo of Brazilian Pepper tree on southern property line.



Photo of southwestern property corner.



Photo of western property line area.



Photo of existing Woman's Tongue tree on western property line.



Photo of Fan Pam clump on western property line.

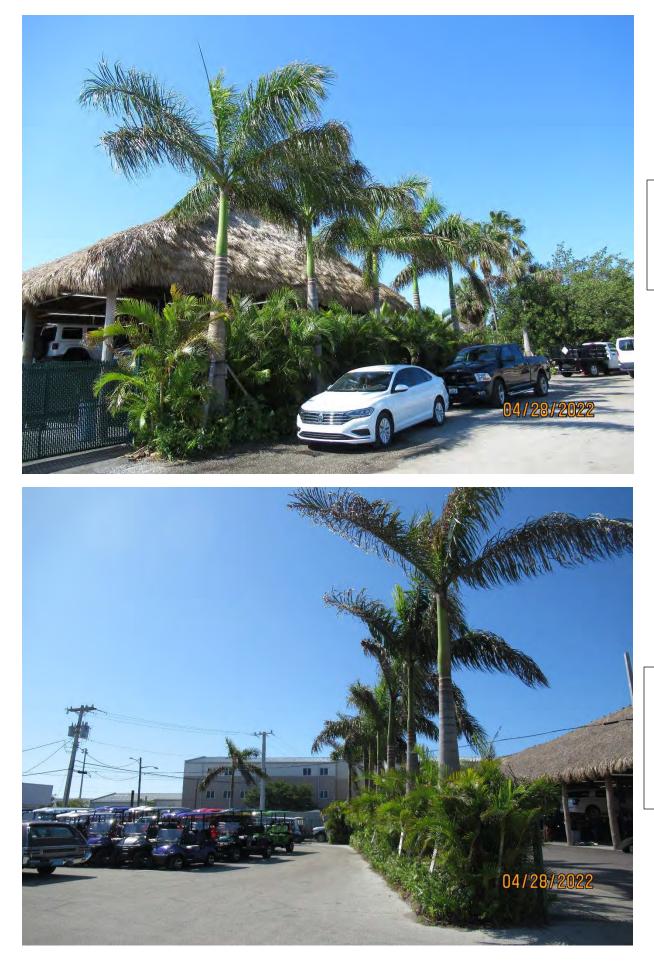


Looking toward the north down western property line area at large green buttonwood tree.



Standing at the northwestern property corner looking south down the western property line.

Standing at the northwestern property corner looking east down the northern property line.



Existing vegetative area in front of tiki repair area, to remain.

Existing vegetative area along side of tiki repair area. Palms to be transplanted.