



		LIGH	HTING CONTROL DE
	-1'x4' FLUORESCENT FIXTURE	PC	-PHOTOCELL
	-2'x4' FLUORESCENT FIXTURE	TC	
	-4' WALL MOUNT FLUORESCENT LUMINAIRE	(R9 LT	WATTSTOPPER CB-100 OR EQUAL
	-4' WALL MOUNT FLUORESCENT LUMINAIRE, EMERGENCY	CI	-*PIR-CEILING MOUNT SENSOR 24 VD WATTSTOPPER CI-205 OR EQUAL
	-1'x4' FLUORESCENT FIXTURE, BATTERY/EMERGENCY		-*DUAL ULTRASONIC/PIR-CEILING MO
•	-2'x2' FLUORESCENT FIXTURE, BATTERY/EMERGENCY		
	-2'x4' FLUORESCENT FIXTURE, BATTERY/EMERGENCY	Ŵ	VAC/VDC, 35mA, WATTSTOPPER DT-2
	-4' FLUORESCENT STRIP FIXTURE		-*ULTRASONIC-CEILING CORRIDOR M VDC/VAC, 40mA, WATTSTOPPER WT-2
<b>├───</b>	-4' FLUORESCENT STRIP FIXTURE, BATTERY/EMERGENCY	Ş	-PIR-WALL SWITCH DECORATOR MOT
<u>⊢</u>	-4' FLUORESCENT STRIP FIXTURE, WALL MOUNTED		-DUAL ULTRASONIC/PIR-WALL SWITC
<b>⊢</b>	-4' FLUORESCENT STRIP FIXTURE, WALL MOUNTED, BATTERY/EMERGENCY		MOTION SENSOR, 120/277VAC, 800/12 DW-100 OR EQUAL
		D2	-DUAL ULTRASONIC/PIR-DUAL RELAY DECORATOR MOTION SENSOR, 120/2
0	-CEILING MOUNTED RECESSED, DOWN LIGHT		WATTSTOPPER DW-200 OR EQUAL
$\diamond$	-CEILING MOUNTED RECESSED, WALL WASHER (ARROW INDICATES DIRECTION OF WASH)	D3	-DUAL ULTRASONIC/PIR-MULTI-WAY N DECORATOR MOTION SENSOR, 120/2 WATTSTOPPER DW-103 OR EQUAL
Q	-SURFACE MOUNTED LIGHTING FIXTURE	Ρ	-POWER PACK 120/277 VAC; 20 AMPS, WATTSTOPPER BZ-150 OR EQUAL
•	-WALL MOUNTED SCONCE FIXTURE, BATTERY/EMERGENCY	*===	
$\bigotimes$	-FLOOD LIGHT FIXTURE	-^FOF POW	R LOW VOLTAGE OCCUPANCY SENSOR: ER PACK(S) 120/277 VAC; 20 AMPS, 225n EEDED FOR ZONE/APEA CONTROL WAT
	-EMERGENCY LIGHT FIXTURE	BZ-1	50 OR EQUAL.
$\bigotimes$	-SINGLE FACE EXIT LIGHT FIXTURE, ARROW INDICATES DIRECTION OF EGRESS	P	
	-DOUBLE FACE EXIT LIGHT FIXTURE, ARROW INDICATES DIRECTION OF EGRESS	· · · ·	
			-120/208V PANELBOARD, SURFACE MOUNT
$\sim$	-SINGLE POLE MOUNT LUMINAIRE, RECTANGLES INDICATE	_	-277/480V PANELBOARD, SURFACE MOUNT
			-277/480V PANELBOARD, RECESSED
P		$\frown$	-FEEDER OR BRANCH CIRCUIT CONCEALED CEILING OR FLOOR
-\ -\ <b>-</b> -	-BOLLARD OR PENDANT LUMINAIRE, EMERGENCY	1R1-1	-HOMERUN CONSISTING OF ONE SIN
	SWITCHES		UNLESS OTHERWISE NOTED. PANEL DESIGNATION ARE INDICATED.
¢	-SWITCH		-HOMERUN CONSISTING OF ONE SIN
\$_ <b>2</b>	-SWITCH, 2 POLE	1111-1:3	CIRCUIT: (2) 12 AWG + (1) 12 AWG GN UNLESS OTHERWISE NOTED. PANEL
<b>∽</b> 3	-SWITCH, 3-WAY		DESIGNATIONS ARE INDICATED.
୍-4 ୮୮୨	-SWITCH - LINE VOLTAGE TIMER, 120/277 VAC.		-HOMERUN CONSISTING OF TWO SIN (3) 12 AWG + (1) 12 AWG GND IN 3/4" (
S <sub>D</sub>	WATTSTOPPER TS-400 OR EQUAL -SWITCH - PILOT LIGHT	1R1-1,3	OTHERWISE NOTED. PANELBOARD A DESIGNATION ARE INDICATED.
Şa	-SWITCH LEG a FOR CONTROL OF THE INBOARD LAMP IN NORMAL AND EMERGENCY POWERED LUMINAIRE		-HOMERUN CONSISTING OF THREE S
Ş <b>⊳</b>	-SWITCH LEG b FOR CONTROL OF THE OUTBOARD LAMP IN NORMAL AND EMERGENCY POWERED LUMINAIRE	1R1-1,3,5	CIRCUITS: (4) 12 AWG + (1) 12 AWG G UNLESS OTHERWISE NOTED. PANEL DESIGNATIONS ARE INDICATED.
Ş <sub>3a</sub>	-SWITCH, 3-WAY, LEG a FOR CONTROL OF THE INBOARD	111 1.3.5	-HOMERUN CONSISTING OF ONE THE
Sat	-SWITCH, 3-WAY, LEG b FOR CONTROL OF THE OUTBOARD	1011-1.3.5	(3) 12 AWG + (1) 12 AWG GND IN 3/4" ( OTHERWISE NOTED. PANELBOARD A
-73D	LAMP IN NORMAL AND EMERGENCY POWERED LUMINAIRE		DESIGNATIONS ARE INDICATED.
∽3K	-SWITCH, DIMMING 0-10V		
Śn	-SWITCH, KEYSWITCH		
Ş <sub>d</sub> Şk	,		
Ş <b>d</b> Ş <b>k</b> ŞM	-MOTOR RATED SWITCH		

CTRICAL SYM	IBOLS LEGEND	
EVICES	POWER DEVICES	MISCELLANEOUS SYMBOLS
TEMP, 24 VDC/AC, 20mA, /DC/VAC, 11mA, 10UNT SENSOR, 24 7-305 OR EQUAL JNT SENSOR, 24 7-205 OR EQUAL MOTION SENSOR, 24 1-2250 OR EQUAL	<ul> <li>SINGLE RECEPTACLE</li> <li>-DUPLEX RECEPTACLE</li> <li>-DOUBLE DUPLEX (QUAD) RECEPTACLE</li> <li>-ABOVE COUNTER DUPLEX RECEPTACLE</li> <li>-ABOVE COUNTER DUPLEX RECEPTACLE</li> <li>-DUPLEX RECEPTACLE, HALF SWITCHED</li> <li>-SPECIAL PURPOSE RECEPTACLE</li> <li>SINGLE 250V, NON-LOCKING TYPE RECEPTACLE</li> <li>-BLACK DUPLEX RECEPTACLE FOR COMPUTER WORKSTATION</li> <li>BLACK QUAD RECEPTACLE FOR COMPUTER WORKSTATION</li> </ul>	DETAIL NUMBER DETAIL TITLE REFERENCE SCALE: DETAIL TITLE REFERENCE SHEET NUMBER WHERE DETAIL IS REFERENCED ADDITIONAL SHEET REFERENCES DETAIL NUMBER DETAIL NUMBER MATCH LINE MATCH LINE M-#### M-####
OTION SENSOR, 120/277 V-100 OR FQUAL	<ul> <li>→ DUPLEX RECEPTACLE FOR TV LOCATED AT 84 AFF, 1V UNLESS NOTED OTHERWISE</li> <li>→ -DUPLEX RECEPTACLE FOR TV LOCATED AT 18"AFF, LOCATE IN</li> </ul>	
TCH DECORATOR	™     COMMON BOX WITH CCTV       ⊕     -CEILING MOUNTED RECEPTACLE	ABBREVIATIONS
AY WALL SWITCH 0/277VAC, 800/1200W,	F -RECESSED FLOOR RECEPTACLE     DUPLEX RECEPTACLE, GROUND FAULT	A-AMPERESAE-AUDIO ENHANCEMENTAFC-ABOVE FINISHED CEILINGAFF-ABOVE FINISHED FLOOR
Y WALL SWITCH )/277VAC, 800/1200W,	-DUPLEX RECEPTACLE, GROUND FAULT, ABOVE COUNTER         -QUAD RECEPTACLE, GROUND FAULT	AFG -ABOVE FINISHED GRADE AIC -AMPERES INTERRUPTING CAPACITY AL -ALUMINUM
S, 225mA SECONDARY,	UPLEX RECEPTACLE, GROUND FAULT WP WP OUPLEX RECEPTACLE, GROUND FAULT WITH CAST ALUMINUM WEATHERPROOF "IN USE" COVER	AWG -AMERICAN WIRE GAUGE BFC -BELOW FINISHED CEILING BFG -BELOW FINISHED GRADE C -CONDUIT
RS, PROVIDE 5mA SECONDARY ATTSTOPPER	WP -QUAD RECEPTACLE, GROUND FAULT WITH CAST ALUMINUM WEATHERPROOF "IN USE" COVER -DUPLEX RECEPTACLE, GROUND FAULT	CAB -CABINET CKT -CIRCUIT CLG -CEILING CL -CENTERLINE CT's -CURRENT TRANSFORMERS
N	EWC LOCATE WITHIN ELECTRIC WATER COOLER PER MANUFACTURER'S INSTRUCTIONS	CU -COPPER DISC -DISCONNECT(ING) DWG -DRAWING(S) EA -EACH
Т	PD -POWER/DATA POLE	ECB -ENCLOSED CIRCUIT BREAKER EF -EXHAUST FAN EMT ELECTRICAL METALLIC TURING
Т	PP -POWER POLE	EQUIP -EQUIPMENT EUH -ELECTRIC UNIT HEATER
ED IN WALL,	-DISCONNECT SWITCH	EWC -ELECTRIC WATER COOLER EWH -ELECTRIC WATER HEATER EXH -EXHAUST
INGLE-PHASE, 1-POLE GND IN 3/4" CONDUIT, ELBOARD AND CIRCUIT	STARTER/DISCONNECT SWITCH         J         -JUNCTION BOX         -FLOOR MOUNTED JUNCTION BOX	EXIST-EXISTINGEXP-EXPLOSION PROOFFA-FIRE ALARMFLA-FULL LOAD AMPERESFLUOR-FLUORESCENTGFCI-GROUND FAULT CIRCUIT INTERRUPTER
INGLE-PHASE, 2-P0LE GND IN 3/4" CONDUIT, ELBOARD AND CIRCUIT	PB       -PULL BOX         C       -EQUIPMENT CONNECTION         •       -DOOR BELL PUSH BUTTON	GFP       -GROUND FAULT PROTECTION         GND       -GROUND         HGT       -HEIGHT         HID       -HIGH INTENSITY DISCHARGE         HPS       -HIGH PRESSURE SODIUM         HOA       -HAND-OFF-AUTOMATIC
INGLE-PHASE CIRCUITS: " CONDUIT, UNLESS ) AND CIRCUIT	T     -TRANSFORMER       CH     -DOOR BELL	HP-HORSEPOWERHVAC-HEATING, VENTILATING, & AIR CONDITIONINGHV-HIGH VOLTAGEINC-INCANDESCENT
E SINGLE-PHASE GND IN 3/4" CONDUIT, ELBOARD AND CIRCUIT	ST     -SHUNT TRIP       (ES)     -ELECTRIC STRIKE	JB -JUNCTION BOX kV -KILO-VOLTS kVA -KILO-VOLTS-AMPERES kVAR -KILO-VOLTS-AMPERES REACTIVE kW -KILO-WATTS
HREE-PHASE CIRCUITS: " CONDUIT, UNLESS D AND CIRCUIT	-MOTOR G -GENERATOR LB -LOCKBOX	kWH       -KILO-WATT-HOURS         LTG       -LIGHTING         m       -METER         mm       -MILLIMETER         MAX       -MAXIMUM         MCB       -MAIN CIRCUIT BREAKER         MOD       -METER
	-GROUND BUS BAR -5/8" X 30'L GROUND ROD WITH TEST INSPECTION WELL	MCC -MOTOR CONTROL CENTER MCP -MOTOR CIRCUIT PROTECTOR MFR -MANUFACTURER MH -METAL HALIDE MIN -MINIMUM
	SPD -SURGE PROTECTION DEVICE, SEE SPECIFICATIONS	MISC -MISCELLANEOUS MMS -MANUAL MOTOR STARTER SWITCH MTR -MOTOR MTD -MOUNTED MTG -MOUNTING NAC -NOTIFICATION APPLIANCE CIRCUIT
	LIGHTNING PROTECTION	NEC -NATIONAL ELECTRICAL CODE NL -NIGHT LIGHT, UNSWITCHED PNL -PANEL PSL -PULL STATION INSIDE
	-AIR TERMINAL (ALUMINUM CLASS 1 MIN)	PVC     -POLYVINYL CHLORIDE       REC     -RECEPTACLE       RGS     -RIGID GALVANIZED STEEL       SPD     -SURGE PROTECTION DEVICE       TEL     -TELEPHONE
	COPPER CLASS 1 -3/4" X 20' COPPER-CLAD DRIVEN GROUND ROD AND TEST WFLL	UON -UNLESS OTHERWISE NOTED V -VOLTS VA -VOLT-AMPERES
	-BOLTED 3-WAY SPLICE	VFD -VARIABLE FREQUENCY DRIVE W -WATTS WP -WEATHER PROOF
	-BOLTED 4-WAY SPLICE	

This item has been e signed and sealed by Mundell, P.E., using a Signature, per F.A.C. 61G15–23.004. Printer this document are no signed and sealed and signature must be ve electronic copies.

1. VOLTAGE DROP - FEEDERS AND BRANCH CIRCUITS SIZES ARE DESIGNED FOR A MAXIMUM COMBINED VOLTAGE DROP OF 5 PERCENT AT THE DESIGN LOAD PER F.B.C. ENERGY CONSERVATION C405.6.3 2. DESIGNED IN ACCORDANCE WITH F.B.C. 6th EDITION (2017) AND NFPA 70 (2014 NEC) PREMISE DISTRIBUTION SYSTEM	hitects
MOUNTING 3" ABOVE COUNTER OR BACK SPLASH X = MOUNTING (F)LUSH, (S)URFACE, (M)ODULAR FURNITURE ADAPTER (P)OLE, (R)ACEWAY, (D)OUBLE GANG FLUSH, (PD) PEDESTAL N = # OF DATA JACKS COMMUNICATIONS "INFORMATION OUTLET" MOUNTED. AT PECEPTACLE HEIGHT UNLESS OTHERWISE NOTED MODULE AND	Árcign Design Group
WAP       WIRELESS ACCESS POINT. PROVIDE CAT 6 CABLE HOMERUN TO IDF         WAP       WIRELESS ACCESS POINT. PROVIDE CAT 6 CABLE HOMERUN TO IDF         AND TERMINATE WITH RJ45 JACK FLUSH CEILING MOUNTED, WITH         10' OF COILED CABLE ABOVE CEILING. AT CEILING PROJECTOR	Architects and Planner I.S.K. Reeves V, F.A.I.A. Ian A. Reeves, A.I.A. Susan Gantt, A.I.A., LEED-AP 333 N. Knowles Ave. Winter Park, Florida 32789 P: (407) 647-1706 Corporate Registration
UDCATION PROVIDE TWO (2) RJ45 JACKS FLUSH MOUNTED IN PROJECTOR PLATE, HOMERUN TWO (2) CAT 6 CABLES TO IDF.         W       WALL TELEPHONE OUTLET FOR HOUSE PHONE. MOUNTED AT 52" ABOVE FINISHED FLOOR TO TOP.         WAP       WIRELESS ACCESS POINT WALL MOUNTED 10'-0" TO 12'-0" ABOVE FINISHED FLOOR PROVIDE CAT 6 CABLE HOMERUN TO IDF AND	
<ul> <li>TERMINATE TO RJ45 JACK FLUSH ON WALL.</li> <li>SX WALL DATA OUTLET. SURFACE MOUNTED AT 48" ABOVE FINISHED FLOOR TO TOP OF BACKBOX. X = # OF DATA JACKS</li> <li>FLOOR BOX DATA OUTLET. DATA OUTLET INSTALLED IN FLOOR BOX WITH UTP HOMERUN TO COMM ROOM. X = # OF DATA JACKS</li> </ul>	
3/4" PLYWOOD BACKBOARD. BY DIVISION 16         IDF - 2 POST RACK         TELEVISION OUTLET, RG6 CABLE TO COMMUNICATIONS ROOM	
FIRE ALARM SYSTEM	
Image: Second state of the state of th	ORANGE COUN FIRE STATION
Solution       PROVIDE LED SUPERVISORY INDICATOR FOR BOTH DETECTORS IN AN ACCESSIBLE LOCATION AND CLEARLY LABELED.         Image: Control Module Relay       Control Module Relay         Meatherproof Water Flow Switch Monitor Module Connected to Fire Sprinkler System	ORANGE COUN FIRE RESCUE
WEATHERPROOF TAMPER SWITCH MONITOR MODULE CONNECTED TO FIRE SPRINKLER SYSTEM         KB       KNOXBOX WITH TAMPER SWITCH MOUNTED 8'-0" TO 12'-0" ABOVE FINISHED GRADE.	BID AND PERM SET
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COORDINATE ALL ROUGHIN OF ALERT SYSTEM WITH USDD INSTALLATION DRAWINGS. ALL SYSTEM COMPONENTS ARE TO INSTALLED BY AUTHORIZED INSTALLER ONLY. S CEILING-MOUNTED SPEAKER	permission and consent of the archit are they to be assigned to any party first obtaining written permission and consent.
Image: Sign       WEATHER PROOF SPEAKER         Image: Sign       Image: Sign         Image: Sign       Image:	Number         Description           1         Permit Responses
	• sheet title ELECTRICAL SYMBOL LEGEND
ically Lowe	<ul> <li>scale: 12" = 1'-0"</li> <li>drawn: SFD</li> <li>checked: JLM</li> <li>approved: JLM</li> <li>date: 06/12/19</li> </ul>
es of sidered on any No. 70700 STATE OF CORIDA STATE OF STATE OF CORIDA STATE OF STATE OF CORIDA STATE OF STATE OF CORIDA STATE OF STATE	• project no. 963 • sheet number:





Signature, per F.A.C. Rule 61G15-23.004. Printed copies of signed and sealed and the electronic copies.

## **GENERAL NOTES:**

- a. REFER TO SYMBOL LEGEND ON SHEET E.001.
- b. REFER TO BOOK SPECIFICATIONS.
- c. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS TO COORDINATE EXACT PLACEMENT OF ALL DEVICES, EQUIPMENT, FIXTURES, SWITCHES AND OUTLETS.
- d. REFER TO EQUIPMENT FEEDER SCHEDULES FOR DISCONNECT, CONDUIT AND WIRE SIZES.
- e. ALL FEEDERS ARE TO HAVE LESS THAN 2% TOTAL VOLTAGE DROP AND ALL BRANCH CIRCUITS SHALL HAVE LESS THAN 3% VOLTAGE DROP.
- f. IF CIRCUITS ARE COMBINED AND RUN AS MULTI-WIRE BRANCH CIRCUITS SHARING A COMMON NEUTRAL, THEN EACH UNGROUNDED CONDUCTOR MUST BE DISCONNECTED SIMULTANEOUSLY BY A COMMON TRIP CIRCUIT BREAKER. CONTRACTOR MAY, AT THEIR OPTION, PROVIDE EITHER COMMON TRIP MULTI-POLE CIRCUIT BREAKERS OR UTILIZE MANUFACTURERS LISTED HANDLE TIES IN ORDER TO PROVIDE THE SIMULTANEOUS TRIP. THESE DEVICES ARE NOT SHOWN IN THE PANEL SCHEDULES AND MUST BE PROVIDED BY THIS SCOPE OF WORK. NO MORE THAN 3 CURRENT CARRYING CONDUCTORS MAY BE COMBINED IN A SINGLE RACEWAY WITHOUT PRIOR APPROVAL BY THE ENGINEER OF RECORD (EOR).

# **PLAN KEY NOTES:**

- 1 PROVIDE SERVICE DISCONNECT AND CONNECTION TO EQUIPMENT. SEE EQUIPMENT FEEDER SCHEDULE FOR CONDUIT, WIRE, AND DISCONNECT SIZES.
- 2 PROVIDE 'SO' DROP CORD WITH BREAK-AWAY RECEPTACLE WITH #10 AWG CONDUCTORS FOR ENTIRE CIRCUIT. PROVIDE STRAIGHT BLADE RECEPTCLES.
- 3 RECEPTACLE FOR MICROWAVE OVEN, COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT.
- 4 PROVIDE SERVICE DISCONNECT AND CONNECTION TO DOOR MOTOR. COORDINATE ALL CONTROL REQUIREMENTS WITH INSTALLER AND PROVIDE ALL NECESSARY CONDUIT AND WIRING FOR CONTROL STATIONS AND CONNECTION TO ALERT SYSTEM.
- 5 RECEPTACLE FOR DISHWASHER, COORDINATE EXACT LOCATION WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 6 RECEPTACLE FOR DISPOSAL, PROVIDE ABOVE COUNTER SWITCH AND WIRING. COORDINATE EXACT LOCATIONS OF RECEPTACLE AND SWITCH WITH ARCHITECTURAL PLANS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 7 PROVIDE POWER CONNECTION TO RANGE HOOD AND PROVIDE ANY NECESSARY INTERCONNECTION WIRING TO HOOD SWITCH.
- 8 RECEPTACLE FOR RANGE/OVEN, MATCH RECEPTACLE TYPE TO CORD PROVIDED PLUG. SEE EQUIPMENT FEEDER SCHEDULE FOR CONDUIT AND WIRE SIZES.
- 9 MAIN SERVICE DISCONNECT. PROVIDE ENGRAVED SIGNAGE "MAIN SERVICE DISCONNECT".
- 10 GENERATOR FUEL SHUT OFF, PROVIDE BREAK-GLASS TYPE SHUNT TRIP BUTTON PER NFPA 110.
- 11 PROVIDE "MUSHROOM HEAD" TYPE BUTTON FOR TRAFFIC SIGNAL CONTROL
- 12 ALL BERTHING RECEPTACLES AND RECEPTACLES ADJACENT TO DATA OUTLETS TO INCLUDE USB CHARGING PORT. PROVIDE HUBBELL #USB20X OR APPROVED EQUAL.
- 13 COORDINATE WITH ALERT SYSTEM INSTALLATION AND PROVIDE ALL CONDUITS WITH PULLSTRINGS AND JUNCTION BOXES REQUIRED FOR SYSTEM.
- 14 SEE ALERT SYSTEM DETAIL AND ROUTE ALL POWER FOR COOKING EQUIPMENT THROUGH CONTACTOR. PROVIDE LOCAL RESET BUTTON FOR OVERRIDE OF ALERT SYSTEM.
- 15 GENERATOR ANNUNCIATOR PANEL. COORDINATE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR QUANTITY AND SIZE OF WIRES.
- 16 PROVIDE ALL REQUIRED CONNECTIONS TO GENERATOR, INCLUDING START WIRING, FUEL SHUT OFF, CONTROL POWER, BLOCK HEATER, ANNUNCIATOR WIRING. PROVIDE ONE 1" SPARE CONDUIT FROM GENERATOR TO ELECTRICAL ROOM. SEE ONE LINE DIAGRAM FOR SERVICE CONDUIT AND WIRE SIZES.
- 17 COORDINATE LOCATION AND ELEVATION OF RECEPTACLE FOR THE KRONOS TIME CLOCK WITH OWNER PRIOR TO INSTALLATION.  $\overset{1}{\rightarrow}$
- 18 RECEPTACLE TO BE CONTROLLED BY OCCUPANCY SENSOR, SEE DETAIL 2 ON SHEET E-802.



	Image: Action of the constraint
	ORANGE COUNTY FIRE STATION 87
	ORANGE COUNTY FIRE RESCUE
	BID AND PERMIT SET
	The architect hereby expressly reserves his common law copyright and other property rights in these drawings. These drawings shall not be reproduced without written permission and consent of the architect, nor are they to be assigned to any party without first obtaining written permission and consent.         • revisions/addenda         Number       Description         1       Permit Responses
	• sheet_title POWER PLAN
	<ul> <li>scale: As indicated</li> <li>drawn: SFD</li> <li>checked: JLM</li> <li>approved: JLM</li> <li>date: 06/12/19</li> </ul>
È	<ul> <li>project no.</li> <li>963</li> <li>sheet number:</li> </ul>

S	witchboard: MDP								Branch
	Location: ELEC 104 Supply From: Mounting: Enclosure:		Volts: 120/2 Phases: 3 Wires: 4	08V Wye		A.I.C. Rating: 3 Mains Type: M Mains Rating: 8 MCB Rating:		S	
Notes:								Note	S:
скт	Circuit Descr	iption	# of Poles	Frame Size	Trip Ratin	ig Load F	Remarks	СКТ	Circ
1	PANEL M1	-	3	400 A	300 A	51.2		1	
2	PANEL L1		3	400 A	100 A	7.4		3	AHU-1
3	PANELS P1A/P1B		3	400 A	350 A	46.8		5	AC-3 / CU-3
4	PANEL M2		3	400 A	400 A	90.8		7	
5	PANEL P2		3	400 A	150 A	19.1		9	AHU-2
6	SURGE PROTECTION DEVICE		3	100 A	60 A	0.0		11	
7	SPARE		3	400 A	200 A	0.0		13	EF-1B
8								15	EF-1C
9								17	EF-1D
10								19	
11								21	CU-1
12								23	
13								25	
14								27	CU-2
15								29	
16								31	SPARE
17								33	SPARE
18								35	SPARE
19								37	_
20								39	EWH-1
				Tota	l Conn. Loa Total Amp	d: 215289 VA s: 598 A		41	
Legend:		-							
Load Cla	ssification	Connected Load	Demand Factor	Estimated D	emand	F	Panel Totals	Lege	nd:
HVAC		125254 VA	100.00%	125254	VA			Load	Classification
Lighting		5883 VA	125.00%	7354 V	A	Total Conn. I	Load: 215.3 kVA	Lighti	ng
Other		1532 VA	100.00%	1532 V	A	Total Est. Dem	nand: 200.1 kVA	Rece	ptacle
Receptac	le	25560 VA	69.56%	17780 \	/A	Total Conn. Cu	rrent: 598 A	HVAG	
Equipmer	nt	31560 VA	100.00%	31560 V	/A	Total Est. Dema	and 555 A	Appli	ance

16575 VA

25500 VA

65.00%

Equipment

Appliance

Equipment

Motor Other

Spare

tes:	

СКТ	Circuit Description	Trip Poles A		4	E	3	<b>c</b>	2	Poles	Trip	Circuit De	scription	c	
1	RECEPTS TRAINING	20 A	1	0.54	0.18				-	1	20 A	RECEPTS TRAINING		
3	RECEPTS TRAINING	20 A	1	0.01	0110	0.36	0.18			1	20 A	RECEPTS TRAINING		+
5	RECEPTS BUNK 2. RR	20 A	1					0.36	0.18	1	20 A	TRAINING TV		+
7	TV BUNK 2	20 A	1	0.18	1.08					1	20 A	RECEPTS CORRIDO	DRS	+
9	COUNTER RECEPT AIRLOCK 1	20 A	1			0.18	0.36			1	20 A	RECEPTS BUNK 8		+
11	TV BUNK 8	20 A	1					0.18	0.54	1	20 A	RECEPTS BUNK 6, I	R	-
13	TV BUNK 6	20 A	1	0.18	0.36					1	20 A	RECEPTS BUNK 7		1
15	TV BUNK 7	20 A	1			0.18	0.36			1	20 A	RECEPTS BUNK 5		1
17	TV BUNK 5	20 A	1					0.18	0.54	1	20 A	RECEPTS BUNK 4, I	R	
19	TV BUNK 4	20 A	1	0.18	0.54					1	20 A	RECEPTS BUNK 3		
21	TV BUNK 3	20 A	1			0.18	0.18			1	20 A	COUNTER RECEPT	AIRLOCK 2	
23	RECEPTS BUNK 1, RR	20 A	1					0.72	0.18	1	20 A	TV BUNK 1		
25	SPARE	20 A	1	0.00	0.18					1	20 A	RECEPTACLE		
27	SPARE	20 A	1			0.00	0.00			1	20 A	SPARE		
29	SPARE	20 A	1					0.00	0.36	1	20 A	RECEPTACLE		
31	SPARE	20 A	1	0.00	0.00					1	20 A	SPARE		
33	RECEPTACLE	20 A	1			0.18	0.00	1		20 A	SPARE			
35	RECEPTACLE	20 A	1					0.54	0.00	1	20 A	SPARE		
37	RECEPTACLE	20 A	1	0.18	0.00					1	20 A	SPARE		
39	RECEPTACLE	20 A	1			0.18	0.00			1	20 A	SPARE		
41	RECEPTACLE	20 A	1					0.36	0.00	1	20 A	SPARE		
43	SPARE	20 A	1	0.00	0.00					1	20 A	SPARE		
45	SPARE	20 A	1			0.00	0.00			1	20 A	SPARE		
47	SPARE	20 A	1					0.00	0.00	1	20 A	SPARE		
49	SPARE	20 A	1	0.00	0.00					1	20 A	SPARE		
51	SPARE	20 A	1			0.00	0.00			1	20 A	SPARE		
53	SPARE	20 A	1					0.00	0.00	1	20 A	SPARE		
		Tota	Load:	3.60	) kW	2.34	↓ kW	4.14	kW					
		Total	Amps:	32	2 A	20	) A	36	A	1				
Legen	d:													
Load	Classification	Coni	nected	Load	Dem	nand Fa	actor	Estima	ated De	emand		Panel	Totals	
Lightin	g		0 VA			0.00%			0 VA					
Recep	tacle	1	0080 V	A		99.60%	, D	1	0040 V	A		Total Conn. Load:	10.08 kW	
HVAC			0 VA			0.00%			0 VA			Total Est. Demand:	10.04 kW	-
Applia	nce		0 VA			0.00%			0 VA		-	Fotal Conn. Current:	28 A	-
Equipr	nent	0 VA				0.00%		0 VA				Total Est. Demand	28 A	_

0.00%

0.00%

0.00%

0 VA

0 VA

0 VA

Equipment Motor Other Spare

### anch Panel: M1

**Circuit Description** 

Location: ELEC 104 Supply From: MDP Mounting: Surface

Enclosure: Type 1

Volts: 120/208V Wye Phases: 3 Wires: 4

Trip Poles A (KW) B (KW) C (KW) Poles Trip

139 A

0 VA

0 VA

45836 VA

0 VA

5400 VA

0 VA

0 VA

0 VA

 20 A
 1
 0.00
 0.90
 0.90

 3.00
 0.00
 0.90
 0.90
 0.90

Connected Load Demand Factor Estimated Demand

0.00%

0.00%

100.00%

0.00%

100.00%

0.00%

0.00%

0.00%

Total Amps: 155 A 134 A

0 VA

0 VA

45836 VA

0 VA

5400 VA

0 VA

0 VA

0 VA

0 VA

0 VA

0 VA



Circuit Description

### **Branch Panel: L1**

Location: ELEC 104 Supply From: MDP

Mounting: Surface Enclosure: Type 1

Notes:

СКТ

2

4

6 8 10

12 14 16

18

20 22

скт	Circuit Description
1	LIGHTING ELECT/MECH/IT ROOMS
3	LIGHTING LOBBY 100
5	LIGHTING CORRIDORS
7	LIGHTING DORMS
9	LIGHTING VEHICLE BAYS
11	LIGHTING RMS 139 - 142
13	SPARE
15	SPARE
17	SPARE
19	SPARE
21	SPARE
23	SPARE
25	SPARE
27	SPARE
29	SPARE
31	SPARE
33	SPARE
35	SPARE
37	SPARE
39	SPARE
41	SPARE

Legend:					
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel	Totals
Lighting	5883 VA	125.00%	7354 VA		
Receptacle	0 VA	0.00%	0 VA	Total Conn. Load:	7.42 kW
HVAC	0 VA	0.00%	0 VA	Total Est. Demand:	8.89 kW
Appliance	0 VA	0.00%	0 VA	Total Conn. Current:	21 A
Equipment	0 VA	0.00%	0 VA	Total Est. Demand	25 A
Motor	0 VA	0.00%	0 VA		
Other	1532 VA	100.00%	1532 VA		
Spare	0 VA	0.00%	0 VA		

### Branch Panel: P1B

Location: ELEC 104 Supply From: P1A Mounting: Surface Enclosure: Type 1

### Volts: 120/208V Wye Phases: 3 Wires: 4

A.I.C. Rating 22,000 Mains Type MLO Mains Rating: 250 A MCB Rating:

3 20 A SLIDING GATE

3 20 A SLIDING GATE

30 A SURGE PROTECTION DEVICE

Panel Totals

Total Conn. Load: 51.24 kW Total Est. Demand: 51.24 kW

Total Conn. Current: 142 A

Total Est. Demand... 142 A

## **Branch Panel: P1A**

Location: ELEC 104 Supply From: MDP Mounting: Surface

Enclosure: Type 1

Notes:

							I							
СКТ	Circuit Description	Trip	Poles		Δ	F	3		•	Poles	Trin	Circuit D	escription	СКТ
1	REFRIGERATOR	20 A	1	0.18	0.72	-				1	20 A	RECEPTS ELECT/M	ECH/COMM	2
3	REFRIGERATOR	20 A	1	0.10	0.12	0.18	0.54			1	20 A	RECEPTS COMP ST		4
5	REFRIGERATOR	20 A	1			0110	0.01	0.18	0.18	1	20 A	ELIPTICAL		6
7	KITCHEN COUNTER RECEPTS	20 A	1	0.36	0.18				0110	1	20 A	TREADMILL		8
9	KITCHEN COUNTER RECEPTS	20 A	1			0.36	0.18			1	20 A	EMS VENDING		10
11	KITCHEN ISLAND RECEPTS	20 A	1					0.36	0.36	1	20 A	RECEPTACLE		12
13	DISHWASHER	20 A	1	0.18	0.18				0.00	1	20 A	EWC		14
15	DISHWASHER	20 A	1		0110	0.18	1.26			1	20 A	RECEPTS LOBBY. (	DFFICE	16
17	MICROWAVE	20 A	1					0.18	1.72	1	20 A	RECEPTS OFFICE		18
19	MICROWAVE	20 A	1	0.18	0.50				=	1	20 A	LOBBY EQUIPMENT	-	20
21	ICE MACHINE	20 A	1		0.00	0.18	0.54			1	20 A	TELECOM RECEPT	ACLES	22
23								4.00	0.72	1	20 A	TELECOM RECEPT	ACLES	24
25	KITCHEN RANGE	50 A	2	4.00	1.08			1.00	0.112	1	20 A	TELECOM RECEPT	ACLES	26
27						4 00	0.50			1	20 A	ALERT SYSTEM	10220	28
29	KITCHEN RANGE	50 A	2			1.00	0.00	4 00	0.50	1	20 A	FACP		30
31	RANGE HOOD	20 A	1	0.50	0.40				0.00	1	20 A	FIRE BELL		32
33	DINING RECEPTS	20 A	1		0.10	0.54	1.00			1	20 A	GEN BATT CHARG	ì	34
35	DAYROOM RECEPTS	20 A	1			0.07		0.72	0.50	1	20 A	GEN CONTROL		36
37	DAYROOM TV	20 A	1	0.18	2.50			0.12	0.00		2071			38
39	KRONOS TIME CLOCK	20 A	1	0.10	2.00	0.18	2 50			2	20 A	GEN BLOCK HTR		40
41	SPARE	20 A	1			0.10	2.00	0.00	0.00	1	20 4	SPARE		40
43	SPARE	20 A		0.00	0.00			0.00	0.00	1	20 1	SPARE		41
45	SPARE	20 A	1		0.00	0.00	0.00			1	20 A	SPARE		44
43		20 A				0.00	0.00	0.00	0.00	1	20 A			40
47	SPARE	20 A	1	0.00	0.00			0.00	0.00	1	20 7			50
49 51		20 A		0.00	0.00	0.00	0.00			2	20 1			52
57		20 A				0.00	0.00	0.00	0.00	5	30 A	SURGE FROTECTION		52
55	SFARE	ZU A		447	4 1.3.4/	4 4 4		0.00						54
		Iotal	Load:	14.7	4 KVV	14.48	5 KVV	17.5		]				
		Total	Amps:	12:	3 A	12	1 A	14	7 A					
egen	d:													
oad C	Classification	Conr	nected	Load	Dem	and Fa	ictor	Estim	ated De	emand		Panel	Totals	
ghting	3		0 VA			0.00%			0 VA					
	acle	- n	0880 1	/Δ		73 050/		1	5440 \/	Δ		Total Conn. Load:	46 78 k\//	
				<u></u>		10.30%	·			~		Total Cot Dames		
AC			1400 V/	٩	1	00.00%	0	· · · · ·	1400 VA	١		iotal Est. Demand:	41.34 KVV	
opliar	ice	1	6000 V	A	1	00.00%	ó	1	<u>6000 V</u>	A		Total Conn. Current:	130 A	
quipm	nent	8	3500 V	A	1	00.00%	6	8	3500 V	4		Total Est. Demand	115 A	
otor			0.1/4			0.00%			0 \/ Δ					
ther			0.1/4			0.000/			0.1/0					
uier			UVA			0.00%			UVA					
		101/0												1

Volts: 120/208V Wye **Phases:** 3 Wires: 4

Trip	Poles	A (I	<b>(W)</b>	B (I	KW)	C (I	<b>(W)</b>	Poles	Trip	Circuit Description	CK
20 A	1	0.26	0.13					1	20 A	LIGHTING RMS 101, 102, 104, 106	2
20 A	1			0.16	0.28			1	20 A	LIGHTING RM 103	4
20 A	1					0.53	0.57	1	20 A	LIGHTING DORMS	6
20 A	1	0.37	0.68					1	20 A	LIGHTING KIT/DINING/DAY ROOM	8
20 A	1			1.15	0.51			1	20 A	LIGHTING RMS 133 - 138	10
20 A	1					0.26	0.25	1	20 A	LIGHTING BACK EXTERIOR	12
20 A	1	0.00	0.29					1	20 A	LIGHTING FRONT EXTERIOR	14
20 A	1			0.00	0.35			1	20 A	SIGN LIGHTING	16
20 A	1					0.00	0.82	1	20 A	SITE LIGHTING	18
20 A	1	0.00	0.82					1	20 A	SITE LIGHTING	20
20 A	1			0.00	0.00			1	20 A	SPARE	22
20 A	1					0.00	0.00	1	20 A	SPARE	24
20 A	1	0.00	0.00				1		20 A	SPARE	26
20 A	1			0.00	0.00			1	20 A	SPARE	28
20 A	1					0.00	0.00	1	20 A	SPARE	30
20 A	1	0.00	0.00					1	20 A	SPARE	32
20 A	1			0.00	0.00			1	20 A	SPARE	34
20 A	1					0.00	0.00	1	20 A	SPARE	36
20 A	1	0.00	0.00								38
20 A	1			0.00	0.00			3	30 A	SURGE PROTECTION DEVICE	40
20 A	1					0.00	0.00				42
Total	Load:	2.55	i kW	2.46	b kW	2.41	kW				
Total	Amps:	21	А	21	А	20	A	1			
	•										
 Conr	nected	Load	Dem	nand Fa	actor	Estim	ated De	emand		Panel Totals	
•••••••••			1			1					

Volts: 120/208V Wye Phases: 3 Wires: 4

A.I.C. Rating: 22,000 Mains Type: MLO Mains Rating: 250 A MCB Rating:

 $\Delta$ 

A.I.C. Rating: 10,000 Mains Type: MLO Mains Rating: 100 A

MCB Rating:



_	Location: Supply From: MDP Mounting: Surface Enclosure: Type 1				Ρ	Volts: hases: Wires:	120/20 3 4	08∨ Wy	re		I	A.I.C. Rating: 10,000 Mains Type: MLO Mains Rating: 100 A MCB Rating:		
Notes	:													
СКТ	Circuit Description	Trip	Poles	A (	KW)	В (	KW)	C (	KW)	Poles	Trip	Circuit De	escription	с
1	RECEPTS RM 134, 135, 138	20 A	1	0.72	0.75					2	20 A			
3	RECEPTS RM 137, 139, 140, 141	20 A	1			0.90	0.75			2	207			
5	ROLL UP DOOR	20 A	1					0.50	0.50	1	20 A	ROLL UP DOOR		
7	ROLL UP DOOR	20 A	1	0.50	0.50					1	20 A	ROLL UP DOOR		
9	HANGING 30A RECEPT	30 A	1			0.50	0.50	_		1	20 A	HANGING 30A REC	EPT	1
11	HANGING 30A RECEPT	20 A	1					0.50	0.54	1	20 A	HANGING RECEPTS	6	
13	HANGING RECEPTS	20 A	1	0.54	0.54					1	20 A	RECEPTACLE		
15	RECEPTS BAY	20 A	1			0.54	0.00	_		1	20 A	SPARE		1
17	RECEPTS BAY	20 A	1					0.54	0.00	1	20 A	SPARE		1
19	SF-1	20 A	2	0.79	0.00	0.70	0.00			1	20 A	SPARE		2
21			-			0.79	0.00	4.00	0.00	1	20 A	SPARE		
25	DRYER	20 A	2	4.00	0.00			4.00	0.00	1	20 A	SPARE		
27	WASHER RECEPTACLE	20 A	1		0.00	0.18	0.00			1	20 A	SPARE		
29	SPARE	20 A	1					0.00	0.00	1	20 A	SPARE		
31	SPARE	20 A	1	0.00	0.00					1	20 A	SPARE		3
33	SPARE	20 A	1			0.00	0.00			1	20 A	SPARE		
35	SPARE	20 A	1					0.00	0.00	1	20 A	SPARE		
37	SPARE	20 A	1	0.00	0.00									
39	SPARE	20 A	1			0.00	0.00			3	30 A	SURGE PROTECTIO	ON DEVICE	4
41	SPARE	20 A	1					0.00	0.00					4
		Tota	Load:	8.34	4 kW	4.16	5 kW	6.58	8 kW					·
		Total	Amps:	73	3 A	35	5 A	58	3 A					
Leger	ıd:				1						1			
Load	Classification	Con	nected	Load	Den	nand Fa	actor	Estim	ated D	emand		Panel	Totals	
Lightir	g		0 VA			0.00%	1		0 VA					
Recep	itacle		4500 V/	4		100.00%	%	· ·	4500 V	A		Total Conn. Load:	19.08 kW	
HVAC			1581 V/	4		100.00%	%		1581 V	A		Total Est. Demand:	17.18 kW	
Applia	nce		9500 V	4		80.00%	0	· · ·	7600 V	A	•	Total Conn. Current:	53 A	
Equip	nent		3500 V/	4	ļ .	100.00%	%		3500 V	A		Total Est. Demand	48 A	
Motor			0 VA			0.00%			0 VA					
Other			0 VA		0.000/	0.00%	1	0.1/4	0 VA					
Spare		O VA			0.00%			U VA						

# Branch Panel: P2

# **Branch Panel: M2**

Location: MECH/ELEC 131 Supply From: MDP Mounting: Surface

Enclosure: Type 1

Notes

CKT         Circuit Description         Trip         Poles         A         B         C         Poles         Trip         Circuit Description         CK           1         UH-1A         20 A         3         1.87         1.87         1.87         1.87         1.87         1.87         20 A         3         20 A         UH-1B         20 A         3         1.87															
1       3       UH-1A       20 A       3       1.87       1.	скт	Circuit Description	Trip	Poles		A		В		C	Poles	Trip	Circuit D	escription	скт
3       UH-1A       20 A       3       1.87 <th< th=""><th>1</th><th></th><th></th><th></th><th>1.87</th><th>1.87</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>2</th></th<>	1				1.87	1.87									2
5	3	UH-1A	20 A	3			1.87	1.87			3	20 A	UH-1D		4
7       0       UH-18       20 A       3       1.87       1.	5								1.87	1.87					6
9       UH-16       20 A       3       20 A       3       20 A       1.87       1.	7				1.87	1.87	4.07	1.0-							8
11       13       UH-1C       20 A       3       1.87       1	9		20 A	3			1.87	1.87	4.07	4.07	3	20 A	UH-1E		10
15       UH-1C       20 A       3       1.07       1.07       1.87       1.87       1.87       1.87       3       20 A       UH-1F       16       16         17       1.9       1.27       4.00       1.87       1.80       1.80       1.80       1.80 <td>11</td> <td></td> <td></td> <td></td> <td>1.07</td> <td>1.07</td> <td></td> <td></td> <td>1.87</td> <td>1.87</td> <td></td> <td></td> <td></td> <td></td> <td>12</td>	11				1.07	1.07			1.87	1.87					12
10       1000       100       100	13		20 4	2	1.87	1.87	1 07	1 07			2	20 4			14
11         12         1.27         4.00         1.07         1.0	17		20 A	3			1.07	1.07	1.97	1.97	3	20 A			10
10         12         EF-4         20 A         3         127         4.00         2         3         45 A         AIR COMPRESSOR         22           23         EXTRUDER         15 A         3         0.72         3.00         0         20         3         20 A         3         45 A         AIR COMPRESSOR         22           29         31         15 A         3         0.72         3.00         0         1         20 A         SPARE         30           31         35         0.72         3.00         0         1         20 A         SPARE         32           36         0.74         0.01         0.72         3.00         1         20 A         SPARE         32           37         DRYER RACK         20 A         1         0.18         0.00         1         20 A         SPARE         38           39         EF-3         20 A         2         0.79         0.00         1         20 A         SPARE         40           443         SPARE         20 A         1         0.00         0.00         1         20 A         SPARE         40           450         SPARE         20 A	10				1 27	4.00			1.07	1.07	-				20
23         101	21	FF-4	20 A	3	1.21	4.00	1 27	4 00			3	45 A	AIR COMPRESSOR		20
25         EXTRUDER         15 Å         3         0.72         3.00         10         10         10         20 <th20< th=""> <th20< th="">         20</th20<></th20<>	23		2077				1.21	1.00	1.27	4.00	Ŭ	1077			24
27         EXTRUDER         15 A         3         0         0         0         0         3         20 A         EWH-2         30         30         30         30         20 A         EWH-2         30         30         30         30         30         30         30         30         30         30         30         30         30         20 A         EWH-2         30 <td>25</td> <td></td> <td></td> <td></td> <td>0.72</td> <td>3.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>26</td>	25				0.72	3.00									26
29         31         ARGE DRYER         100 A         3         9.48         0.00         1         20 A         SPARE         32           33         LARGE DRYER         100 A         3         9.48         0.00         1         20 A         SPARE         34           35         DRYER RACK         20 A         1         0.18         0.00         1         20 A         SPARE         34           39         EF-3         20 A         2         0.79         0.00         1         20 A         SPARE         40           41         SPARE         20 A         1         0.00         0.00         1         20 A         SPARE         40           43         SPARE         20 A         1         0.00         0.00         1         20 A         SPARE         42           45         SPARE         20 A         1         0.00         0.00         1         20 A         SPARE         48           49         SPARE         20 A         1         0.00         0.00         1         20 A         SPARE         50           51         SPARE         20 A         1         0.00         0.00         0.00	27	EXTRUDER	15 A	3			0.72	3.00			3	20 A	EWH-2		28
31         LARGE DRYER         100 A         3         9.48         0.00         1         20 A         SPARE         32           35         5         9.48         0.00         9.48         0.00         1         20 A         SPARE         34           35         5         9.48         0.00         1         20 A         SPARE         34           39         EF-3         20 A         2         0.79         0.00         1         20 A         SPARE         38           41         5         SPARE         20 A         2         0.79         0.00         1         20 A         SPARE         40           43         SPARE         20 A         1         0.00         0.00         1         20 A         SPARE         40           44         45         SPARE         20 A         1         0.00         0.00         1         20 A         SPARE         44           45         SPARE         20 A         1         0.00         0.00         0.00         1         20 A         SPARE         48           49         SPARE         20 A         1         0.00         0.00         0.00         SPA<	29								0.72	3.00	1				30
33         LARGE DRYER         100 A         3         9.48         0.00         1         20 A         SPARE         34           35         DRYER RACK         20 A         1         0.18         0.00         1         20 A         SPARE         36           37         DRYER RACK         20 A         1         0.18         0.00         1         20 A         SPARE         38           39         EF-3         20 A         2         0.79         0.00         1         20 A         SPARE         40           41         E7 ON         20 A         1         0.00         0.079         0.00         1         20 A         SPARE         40           43         SPARE         20 A         1         0.00         0.00         1         20 A         SPARE         44           45         SPARE         20 A         1         0.00         0.00         1         20 A         SPARE         46           47         SPARE         20 A         1         0.00         0.00         3         30 A         SURGE PROTECTION DEVICE         52           53         SPARE         20 A         1         0.000         0.000	31				9.48	0.00					1	20 A	SPARE		32
37       DRYER RACK       20 A       1       0.18       0.00       1       20 A       SPARE       36         39       41       EF-3       20 A       2       0.79       0.00       1       20 A       SPARE       40         41       EF-3       20 A       2       0.79       0.00       1       20 A       SPARE       40         43       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       42         43       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       42         45       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       44         49       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       48         49       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       50         53       SPARE       20 A       1       0.00       0.00       3       30 A       SURGE PROTECTION DEVICE       52         Lighting       0 VA       0.00%       0 VA	33	LARGE DRYER	100 A	3			9.48	0.00			1	20 A	SPARE		34
37       DRYER RACK       20 A       1       0.18       0.00       I       20 A       SPARE       38         39       EF-3       20 A       2       0.79       0.00       1       20 A       SPARE       40         41       SPARE       20 A       1       0.00       0.79       0.00       1       20 A       SPARE       40         43       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       42         43       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       44         45       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       46         49       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       48         49       SPARE       20 A       1       0.00       0.00       0.00       53       30 A       SURGE PROTECTION DEVICE       52       53         51       SPARE       20 A       1       0.00       0.00       0.00       54       54       54         Legend:       20 A	35								9.48	0.00	1	20 A	SPARE		36
39 41       EF-3       20 A       2       0.79       0.00       1       20 A       SPARE       40         43       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       42         43       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       42         44       45       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       44         45       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       46         47       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       46         49       SPARE       20 A       1       0.00       0.00       3       30 A       SURGE PROTECTION DEVICE       52         53       SPARE       20 A       1       29.85 kW       30.46 kW       30.46 kW       30.4       A       SURGE PROTECTION DEVICE       52         Legend:	37	DRYER RACK	20 A	1	0.18	0.00					1	20 A	SPARE		38
41       CO       20 A       1       0       0.79       0.00       1       20 A       SPARE       44         43       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       44         45       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       46         47       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       46         49       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       48         49       SPARE       20 A       1       0.00       0.00       3       30 A       SURGE PROTECTION DEVICE       52         53       SPARE       20 A       1       0.00       0.00       0.00       3       30 A       SURGE PROTECTION DEVICE       54         Legend:         Load:       29.85 kW       30.46 kW       30.46 kW       30.46 kW       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       <	39	FF-3	20 A	2			0.79	0.00			1	20 A	SPARE		40
43       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       44         45       SPARE       20 A       1       0.00       0.00       1       20 A       SPARE       46         47       SPARE       20 A       1       0.00       0.00       0.00       1       20 A       SPARE       48         49       SPARE       20 A       1       0.00       0.00       0.00       3       30 A       SPARE       50         51       SPARE       20 A       1       0.00       0.00       0.00       3       30 A       SURGE PROTECTION DEVICE       52       52         53       SPARE       20 A       1       0.00       0.00       0.00       54       54       54       54         Total Load:       29.85 kW       30.46 kW       30.46 kW       30.46 kW       54       55       54       <	41		20 7	2					0.79	0.00	1	20 A	SPARE		42
45       SPARE       20 Å       1       0.00       0.00       1       20 Å       SPARE       46         47       SPARE       20 Å       1       0.00       0.00       1       20 Å       SPARE       48         49       SPARE       20 Å       1       0.00       0.00       0.00       1       20 Å       SPARE       50         51       SPARE       20 Å       1       0.00       0.00       0.00       3       30 Å       SURGE PROTECTION DEVICE       50         53       SPARE       20 Å       1       0.00       0.00       0.00       3       30 Å       SURGE PROTECTION DEVICE       54         Legend:         Load Classification       Connected Load       Demand Factor       Estimated Demand       Panel Totals       90.78 kW         Receptacle       180 VA       100.00%       180 VA       Total Conn. Load:       90.78 kW       40.78 kW	43	SPARE	20 A	1	0.00	0.00	-				1	20 A	SPARE		44
47       SPARE       20 A       1       0.00       0.00       0.00       1       20 A       SPARE       48         49       SPARE       20 A       1       0.00       0.00       0.00       3       30 A       SURGE PROTECTION DEVICE       50         51       SPARE       20 A       1       0.00       0.00       0.00       3       30 A       SURGE PROTECTION DEVICE       52         53       SPARE       20 A       1       0.00       0.00       0.00       3       30 A       SURGE PROTECTION DEVICE       52         53       SPARE       20 A       1       0.00       0.00       0.00       3       30 A       SURGE PROTECTION DEVICE       52         54       Total Load:       29.85 kW       30.46 kW       30.46 kW       30.46 kW       54       54       54         Legend:       Total Amps:       249 A       255 A       255 A       255 A       25       44       455       45 <td>45</td> <td>SPARE</td> <td>20 A</td> <td>1</td> <td></td> <td></td> <td>0.00</td> <td>0.00</td> <td></td> <td></td> <td>1</td> <td>20 A</td> <td>SPARE</td> <td></td> <td>46</td>	45	SPARE	20 A	1			0.00	0.00			1	20 A	SPARE		46
49       SPARE       20 A       1       0.00       0.00       0.00       0.00       50       50       52       52       52       53       SPARE       20 A       1       0       0.00       0.00       0.00       52       53       54       55       54       54       55       54       54       55       54       54       55       54       55       54       55       54       55       54       55       54       55       54       55       54       55       54       55       54       55       54       55       54       55       54       55       54       54       55       54       54       55       54       54       55       54       54       54       54       54       54       54       54       54       55       54       54       54       54       54       55       54       55       54       55	47	SPARE	20 A	1					0.00	0.00	1	20 A	SPARE		48
S1       SPARE       20 A       1       0       0.00       0.00       3       30 A       SURGE PROTECTION DEVICE       52         53       SPARE       20 A       1       0       0.00       0.00       0.00       54       54       54         Total Load:       29.85 kW       30.46 kW       30.46 kW       30.46 kW       54         Legend:         Load Classification       Connected Load       Demand Factor       Estimated Demand       Panel Totals         Lighting       0 VA       0.00%       0 VA       0 VA       0.00%       0 VA       0.078 kW         HVAC       76437 VA       100.00%       76437 VA       Total Conn. Load:       90.78 kW         Appliance       0 VA       0.00%       0 VA       0 VA       252 A       252 A         Kotor       0 VA       0.00%       0 VA       0 VA       252 A       252 A         Spare       0 VA       0.00%       0 VA       0 VA       252 A       252 A	49	SPARE	20 A	1	0.00	0.00	0.00	0.00				00.4			50
S3         SPARE         20 A         1         0.00         0.0	51	SPARE	20 A	1			0.00	0.00	0.00	0.00	3	30 A	SURGE PROTECTION	JN DEVICE	52
Total Load:29.85 kW30.46 kW30.46 kWTotal Amps:249 A255 A255 ALegend:Load ClassificationConnected LoadDemand FactorEstimated DemandPanel TotalsLighting0 VA0.00%0 VA000Receptacle180 VA100.00%180 VATotal Conn. Load:90.78 kWHVAC76437 VA100.00%76437 VATotal Est. Demand:90.78 kWAppliance0 VA0.00%0 VATotal Conn. Current:252 AEquipment14160 VA100.00%14160 VATotal Est. Demand252 AMotor0 VA0.00%0 VA0 VA00Other0 VA0.00%0 VA0 VA00Spare0 VA0.00%0 VA0 VA00	53	SPARE	20 A	1	00.0		00.4		0.00 0.00						54
Legend:Loo ADemand FactorEstimated DemandPanel TotalsLighting0 VA0.00%0 VAReceptacle180 VA100.00%180 VATotal Conn. Load:90.78 kWHVAC76437 VA100.00%76437 VATotal Est. Demand:90.78 kWAppliance0 VA0.00%0 VATotal Conn. Current:252 AEquipment14160 VA100.00%14160 VATotal Est. Demand252 AMotor0 VA0.00%0 VA0.00%0 VA5pare0 VA0.00%			Total	Load:	29.8	<u>5 күү</u> 9 д	30.4	5 A	30.4	5 A					
Load ClassificationConnected LoadDemand FactorEstimated DemandPanel TotalsLighting0 VA0.00%0 VAReceptacle180 VA100.00%180 VATotal Conn. Load:90.78 kWHVAC76437 VA100.00%76437 VATotal Est. Demand:90.78 kWAppliance0 VA0.00%0 VATotal Conn. Current:252 AEquipment14160 VA100.00%14160 VATotal Est. Demand252 AMotor0 VA0.00%0 VA0 VASpare0 VA0.00%0 VA	Leger	nd.				• • •		• • •		• • •					
Lighting         0 VA         0.00%         0 VA         0 VA           Receptacle         180 VA         100.00%         180 VA         Total Conn. Load:         90.78 kW           HVAC         76437 VA         100.00%         76437 VA         Total Est. Demand:         90.78 kW           Appliance         0 VA         0.00%         0 VA         Total Conn. Current:         252 A           Equipment         14160 VA         100.00%         14160 VA         Total Est. Demand         252 A           Motor         0 VA         0.00%         0 VA         0 VA         252 A           Other         0 VA         0.00%         0 VA         0 VA         0.00%         0 VA           Spare         0 VA         0.00%         0 VA         0 VA         0.00%         0 VA         0 VA	Load	Classification	Coni	nected	Load	Den	nand Fa	actor	Estim	ated D	emand		Panel	Totals	
Receptacle         180 VA         100.00%         180 VA         Total Conn. Load:         90.78 kW           HVAC         76437 VA         100.00%         76437 VA         Total Est. Demand:         90.78 kW           Appliance         0 VA         0.00%         0 VA         Total Conn. Current:         252 A           Equipment         14160 VA         100.00%         14160 VA         Total Est. Demand         252 A           Motor         0 VA         0.00%         0 VA         0 VA         0.00%         0 VA           Other         0 VA         0.00%         0 VA         0 VA         0.00%         0 VA         Equipment         100.00%         0 VA         Equipment         0 VA         0.00%         0 VA         Equipment         252 A         Equipment         0 VA         0.00%         0 VA         Equipment         Equipment         Equipment         0 VA         Equipment	Lightir	ng		0 VA			0.00%			0 VA					
HVAC         76437 VA         100.00%         76437 VA         Total Est. Demand:         90.78 kW           Appliance         0 VA         0.00%         0 VA         Total Conn. Current:         252 A           Equipment         14160 VA         100.00%         14160 VA         Total Est. Demand         252 A           Motor         0 VA         0.00%         0 VA         Connection         252 A           Other         0 VA         0.00%         0 VA         Connection         252 A           Spare         0 VA         0.00%         0 VA         Connection         Connection	Recep	otacle		180 VA	1		100.00%	%		180 VA	4		Total Conn. Load:	90.78 kW	
Appliance         0 VA         0.00%         0 VA         Total Conn. Current:         252 A           Equipment         14160 VA         100.00%         14160 VA         Total Est. Demand         252 A           Motor         0 VA         0.00%         0 VA         0 VA         252 A           Other         0 VA         0.00%         0 VA         0 VA         0.00%         0 VA           Spare         0 VA         0.00%         0 VA         0 VA         0.00%         0 VA         0 VA	HVAC		7	6437 V	A		100.00%	%	7	6437 V	/Α		Total Est. Demand:	90.78 kW	
Equipment         14160 VA         100.00%         14160 VA         Total Est. Demand         252 A           Motor         0 VA         0.00%         0 VA         0	Applia	nce		0 VA			0.00%			0 VA		-	Total Conn. Current:	252 A	
Motor         0 VA         0.00%         0 VA           Other         0 VA         0.00%         0 VA           Spare         0 VA         0.00%         0 VA	Equip	ment	1	4160 V	A		100.00%	%	1	4160 V	/A		Total Est. Demand	252 A	
Other         0 VA         0.00%         0 VA           Spare         0 VA         0.00%         0 VA	Motor			0 VA			0.00%			0 VA					
Spare         0 VA         0.00%         0 VA	Other			0 VA			0.00%			0 VA					
	Spare		0 VA			0.00%	)		0 VA						

Volts: 120/208V Wye Phases: 3 Wires: 4

 $\sim$ A.I.C. Rating: 22,000 Mains Type: MLQ Mains Rating: 400 A MCB Rating:



This item has been electronically signed and sealed by Justin Lowe Mundell, P.E., using a dated Digital Signature, per F.A.C. Rule 61G15-23.004. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.





935 Lake Baldwin Lane Orlando, Fl. 32814 Tel: 407-767-5188 Fax: 704-767-5772 CA-00006208

E-702





					)	EXISTING TREE TO REMAIN - TYP		
							<u></u> ве <u>Х</u>	
					BE BE	BAHIA SOD. ALL DISTURBED AREAS		
			·	BEBE5' MULCH RING - TYP.				
			BE BT BT	81 85 80 80 81 81 81 81 81 81 81 81 81 81 81 81 81	3E BI - BE			
				-BE - BL - DE - CT - BE - CT - C	BE BT			
					BE UL	ST. AUG. SOD IN ROW - TYP.	B B BE	
			3		49		BT	
	U R	SCALE : 1" = 20						
	$\sim$				$\sim$			
		1	PLANT LIST	1			VOB	
Ì	SYM. QTY	SPECIES	COMMON NAME	SPECIFICATIONS	TREE INCHES			
	ED 3		JAPANESE BLUEBERRY	30 GAL., 2" CAL., 8' HT.	NA			
	N IN 15			30 GAL., 2" CAL., 8' HT., PYRAMIDAL SHAPE	30"			
	N* QV 25	QUERCUS VIRGINIANA 'HIGHRISE'	HIGHRISE LIVE OAK	100 GAL., 4" CAL., 12' HT.	100"			
X			WINGED ELM	100 GAL., 4" CAL., 12' HT.	16"			
	DR 55		RED DRIFT ROSE	3 GAL., 12" HT. X 12" SPRD. 30" O.C.	JTAL 148"			
	N GP   110	GAILLARDIA PULCHELLA	BLANKET FLOWER	1 GAL., 10" HT. X 10" SPRD., FULL, 24" O.C.		NATIVE LANDSCAPE NOT	E	
X	N HD   175	HELIANTHUS DEBILIS	BEACH SUNFLOWER SCHILLINGS DWARF HOLLY	1 GAL., 10" HT. X 10" SPRD., FULL, 24" OC.		NATIVE PLANT SPECIES SHALL BE UTILIZED IN LANDSCAPI BY THE ECONLOCKHATCHEE RIVER PROTECTION ORDINA	NG AS R NCE, OR	EQUIRED ANGE
	JC 40			3 GAL., 18" SPRD., FULL, 30" OC.	•	CODE SECTION 15-442(B). SEE PLANT LIST FOR NATIVE SF CALCULATION.	PECIES AN	ND
	JP 30		PARSON'S JUNIPER	3 GAL., 18" SPRD., FULL, 30" O.C.		PLAN CERTIFICATION		
	OJ 85	OPHIOPOGON JAPONICUS 'NANA'	DWARF MONDO GRASS	1 GAL., 6" HT., 18" O.C.		THE PROPOSED VEGETATION MANAGEMENT, LANDSCAPE	AND IRR	IGATION
X				3 GAL., 15" HT., FULL, 30" O.C.		LANDSCAPE ARCHITECT AND IS IN COMPLIANCE WITH ALL COUNTY LAND DEVELOPMENT CODE REQUIREMENTS.	_ ORANGI	E
	N VOB 83	V. OBOVATUM 'MRS. SHILLERS DELIGHT'	DWARF WALTERS VIBURNUM	7 GAL., 24" HT. X 24" SPRD., 30" O.C.				
	N VOS   227	V. OBOVATUM 'SELECT'	WALTERS VIBURNUM	3 GAL., 24" HT. X 24" SPRD., 30" O.C.				4.4/0
ľ	TO 57%. HO	XANOPY TREE - 75% MIN. (50% 3" CAL., 25% MA WEVER, ALL CANOPY TREES ARE TO BE 4" CAL	IPER TO OFFSET THIS DEFICIENCY.	IS AND SITE CONSTRAINTS CANOPY TREE PLACEN	IENT IS LIMITED	"FLORIDA FRIENDLY LANDSCAPE PLAN IS IN COMPLIANCE WIT "FLORIDA FRIENDLY LANDSCAPING PRINCIPLES" OF THE OU LAND DEVELOPMENT CODE. ALL PROPOSED PLANTS ARE	RANGE C EITHER F	4-4(1)(2) OUNTY LORIDA
Y	N = NATIVE F 1,313 TOTAL	PLANT. 80% REQUIRED. PLANTS, 1,059 ARE NATIVE (CALCULATION: 1,(	059 / 1,313 = 81%)			NATIVES OR CONSIDERED FLORIDA FRIENDLY. TURF AREA EXCEED 60% OF THE TOTAL LANDSCAPE AREA. SEE CALC	AS DO NO CULATION	DT I BELOW.
			ELOBIDA NO. 1 OB BETTER IN QUAL	ITY AS DESIGNATED IN THE MOST BECENT		I URF AREA (60% IVIAX, ALLOV LANDSCAPE AREA 24,655 SF		
	PUBLICA	TION OF "GRADES AND STANDARDS FOR NUR IER SERVICES.	SERY PLANTS", PUBLISHED BY THE	FLORIDA DEPARTMENT OF AGRICULTURE AND				
						TUBE AREA 12.385 (50%)		
	TO BE RE	<u>A PLANTS:</u> IF PROPOSED PLANTINGS SHOWN MOVED IN FAVOR OF THE NEW PLANTINGS.	ON PLAN INTERFERE WITH EXISTING	B LANDSCAPING, THE EXISTING LANDSCAPING IS		TURF AREA 12,385 (50%) (CALCULATION: 12,385 / 24,655 = 50%)		
	3. <u>MULCH:</u> GRAVEL	ALL PLANTS: IF PROPOSED PLANTINGS SHOWN MOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSC	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE	A LANDSCAPING, THE EXISTING LANDSCAPING IS A CALLED OUT ON THE PLANS AS GRAVEL. EOTEXTILE) INSTALLED BENEATH IT. ALL TREES		TURF AREA 12,385 (50%)         (CALCULATION: 12,385 / 24,655 = 50%)         VEHICULAR USE AREA PERIN	NETER	7
	2. <u>EAISTING</u> TO BE RE     3. <u>MULCH:</u> GRAVEL NOT IN B     4. <u>SOD</u> : SO	EPLANTS: IF PROPOSED PLANTINGS SHOWN MOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSC EDS SHALL HAVE A 5' DIAMETER MULCH RING DD SHALL BE ST. AUGUSTINE 'FLORATAM' UNL	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE G. LESS INDICATED ON THE PLANS AS A	A LANDSCAPING, THE EXISTING LANDSCAPING IS SS CALLED OUT ON THE PLANS AS GRAVEL. EOTEXTILE) INSTALLED BENEATH IT. ALL TREES	F	TURF AREA 12,385 (50%)         (CALCULATION: 12,385 / 24,655 = 50%)         VEHICULAR USE AREA PERIN         FRONT, SOUTH         300 LINEAR FEET - CROWN HILL BLVD. ROW         MINIMUM WIDTH	<b>NETEF</b>   required   7'	PROVIDED
	2. <u>EXISTING</u> TO BE RE 3. <u>MULCH:</u> GRAVEL NOT IN B 4. <u>SOD:</u> SC AFTER IN 5. <u>QUANTIT</u>	EPLANTS: IF PROPOSED PLANTINGS SHOWN ( EMOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSC EDS SHALL HAVE A 5' DIAMETER MULCH RING DD SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE IES: IN THE EVENT OF A VARIATION BETWEEN	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE G. LESS INDICATED ON THE PLANS AS A EAS DISTURBED BY CONSTRUCTION N THE QUANTITIES SHOWN ON THE F	ARGENTINE BAHIA. ALL SOD SHALL BE ROLLED RELATED ACTIVITIES, REPLACE WITH SAME.	F	TURF AREA 12,385 (50%)         (CALCULATION: 12,385 / 24,655 = 50%)         VEHICULAR USE AREA PERIN         FRONT, SOUTH         300 LINEAR FEET - CROWN HILL BLVD. ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.	<b>NETER</b>   REQUIRED   7'   8	PROVIDED           5'           8*
	2. <u>EAISTING</u> TO BE RE     3. <u>MULCH:</u> GRAVEL NOT IN B     4. <u>SOD:</u> SC AFTER IN     5. <u>QUANTIT</u> PLANTS     6. <u>UNFORE</u>	EPLANTS: IF PROPOSED PLANTINGS SHOWN ( MOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSC EDS SHALL HAVE A 5' DIAMETER MULCH RING D SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE <u>IES:</u> IN THE EVENT OF A VARIATION BETWEEN SHOWN ON THE PLAN, THE PLAN SHALL CON SEEN CONFLICTS: CONTRACTOR SHALL NOT	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE G. LESS INDICATED ON THE PLANS AS A EAS DISTURBED BY CONSTRUCTION N THE QUANTITIES SHOWN ON THE F ITROL. SOD QUANTITY TAKEOFFS AF	A LANDSCAPING, THE EXISTING LANDSCAPING IS S CALLED OUT ON THE PLANS AS GRAVEL. EOTEXTILE) INSTALLED BENEATH IT. ALL TREES ARGENTINE BAHIA. ALL SOD SHALL BE ROLLED RELATED ACTIVITIES, REPLACE WITH SAME. PLANT LIST AND THE ACTUAL QUANTITY OF RE THE RESPONSIBILITY OF THE CONTRACTOR.	F	TURF AREA 12,385 (50%)         (CALCULATION: 12,385 / 24,655 = 50%)         VEHICULAR USE AREA PERIN         FRONT, SOUTH         300 LINEAR FEET - CROWN HILL BLVD. ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30" HEIGHT MIN.)	<b>NETER</b>   REQUIRED   7'   8   YES	<ul> <li>PROVIDED</li> <li>5'</li> <li>8*</li> <li>YES</li> </ul>
	AISTING TO BE RE MULCH: GRAVEL NOT IN B SOD: SC AFTER IN SOD: SC AFTER IN OUNTIT PLANTS OUNFORE DRAWING CONDITIO REPRESE	EPLANTS: IF PROPOSED PLANTINGS SHOWN ( MOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSC EDS SHALL HAVE A 5' DIAMETER MULCH RING D SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE SHOWN ON THE PLAN, THE PLAN SHALL CON' SEEN CONFLICTS: CONTRACTOR SHALL NOT ' GS WHEN IT IS OBVIOUS IN THE FIELD THAT UP DNS OR OTHER CONFLICTS EXIST. SUCH UNFO ENTATIVE AND THE LANDSCAPE ARCHITECT PI	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE G. LESS INDICATED ON THE PLANS AS A EAS DISTURBED BY CONSTRUCTION N THE QUANTITIES SHOWN ON THE F ITROL. SOD QUANTITY TAKEOFFS AF WILLFULLY INSTALL ANY PORTION ( NFORESEEN OBSTRUCTIONS, GRAD ORESEEN CONFLICTS SHALL BE BRO PRIOR TO INSTALLATION.	A LANDSCAPING, THE EXISTING LANDSCAPING IS SS CALLED OUT ON THE PLANS AS GRAVEL. EOTEXTILE) INSTALLED BENEATH IT. ALL TREES ARGENTINE BAHIA. ALL SOD SHALL BE ROLLED RELATED ACTIVITIES, REPLACE WITH SAME. PLANT LIST AND THE ACTUAL QUANTITY OF RE THE RESPONSIBILITY OF THE CONTRACTOR. OF THE LANDSCAPE PLAN AS SHOWN ON THE E DIFFERENCES, STANDING WATER, SOIL DUGHT TO THE ATTENTION OF THE OWNER'S	F	TURF AREA 12,385 (50%)         (CALCULATION: 12,385 / 24,655 = 50%)         VEHICULAR USE AREA PERIN         FRONT, SOUTH         300 LINEAR FEET - CROWN HILL BLVD. ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30" HEIGHT MIN.)         SIDE, EAST       260 LINEAR FEET - AVALON PARK BLVD ROW	<b>/ETEF</b>   REQUIRED   7'   8   YES	PROVIDED       5'       8*       YES
	<ol> <li><u>EAISTING</u> TO BE RE</li> <li><u>MULCH</u>: GRAVEL NOT IN B</li> <li><u>SOD</u>: SC AFTER IN</li> <li><u>QUANTIT</u> PLANTS</li> <li><u>UNFORE</u> DRAWING CONDITIO REPRESE</li> <li><u>SUBSTITI</u> WITHOUT</li> </ol>	EPLANTS: IF PROPOSED PLANTINGS SHOWN ( EMOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSC EDS SHALL HAVE A 5' DIAMETER MULCH RING D SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE SHOWN ON THE PLAN, THE PLAN SHALL CON' SEEN CONFLICTS: CONTRACTOR SHALL NOT ' GS WHEN IT IS OBVIOUS IN THE FIELD THAT UP ONS OR OTHER CONFLICTS EXIST. SUCH UNFO ENTATIVE AND THE LANDSCAPE ARCHITECT PI UTIONS: NO SUBSTITUTIONS OR VARIATIONS I THE PRIOR WRITTEN CONSENT AND APPRON	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE G. LESS INDICATED ON THE PLANS AS A EAS DISTURBED BY CONSTRUCTION N THE QUANTITIES SHOWN ON THE F ITROL. SOD QUANTITY TAKEOFFS AF WILLFULLY INSTALL ANY PORTION ( NFORESEEN OBSTRUCTIONS, GRAD ORESEEN CONFLICTS SHALL BE BRO PRIOR TO INSTALLATION. OF ANY PLANT MATERIAL OR ITS IN VAL FROM THE LANDSCAPE ARCHIT	A LANDSCAPING, THE EXISTING LANDSCAPING IS SS CALLED OUT ON THE PLANS AS GRAVEL. EOTEXTILE) INSTALLED BENEATH IT. ALL TREES ARGENTINE BAHIA. ALL SOD SHALL BE ROLLED RELATED ACTIVITIES, REPLACE WITH SAME. PLANT LIST AND THE ACTUAL QUANTITY OF RE THE RESPONSIBILITY OF THE CONTRACTOR. DF THE LANDSCAPE PLAN AS SHOWN ON THE E DIFFERENCES, STANDING WATER, SOIL DUGHT TO THE ATTENTION OF THE OWNER'S STALLED LOCATION WILL BE PERMITTED ECT.	F	TURF AREA 12,385 (50%)         (CALCULATION: 12,385 / 24,655 = 50%)         VEHICULAR USE AREA PERIN         FRONT, SOUTH       300 LINEAR FEET - CROWN HILL BLVD. ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30" HEIGHT MIN.)         SIDE, EAST       260 LINEAR FEET - AVALON PARK BLVD ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.	<b>VETER</b>   REQUIRED   7'   8   YES     7'   7'   7'   7'   7'   7'   7'	PROVIDED       5'       8*       YES       .
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	<ol> <li><u>EAISTING</u> TO BE RE GRAVEL NOT IN B</li> <li><u>SOD</u>: SC AFTER IN</li> <li><u>QUANTIT</u> PLANTS</li> <li><u>QUANTIT</u> PLANTS</li> <li><u>UNFORE</u> DRAWING CONDITION REPRESE</li> <li><u>SUBSTITI</u> WITHOU</li> <li><u>CONTAIN</u> REPRESE GALLON</li> <li>PLANTIN</li> </ol>	EPLANTS: IF PROPOSED PLANTINGS SHOWN ( EMOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSO EDS SHALL HAVE A 5' DIAMETER MULCH RING DD SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE <u>IES:</u> IN THE EVENT OF A VARIATION BETWEEN SHOWN ON THE PLAN, THE PLAN SHALL CON' <u>SEEN CONFLICTS:</u> CONTRACTOR SHALL NOT ' CONS OR OTHER CONFLICTS EXIST. SUCH UNER SHOWN IT IS OBVIOUS IN THE FIELD THAT UN DNS OR OTHER CONFLICTS EXIST. SUCH UNER SITATIVE AND THE LANDSCAPE ARCHITECT PI <u>JTIONS:</u> NO SUBSTITUTIONS OR VARIATIONS IT THE PRIOR WRITTEN CONSENT AND APPROV <u>IERS:</u> IF GALLONAGE FOR PLANTS OR TREES ENT THE MINIMUM ALLOWABLE GALLONAGE A AGE INDICATED. G SOIL: CONTRACTOR SHALL VERIFY THAT SO	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE G. LESS INDICATED ON THE PLANS AS A EAS DISTURBED BY CONSTRUCTION N THE QUANTITIES SHOWN ON THE F ITROL. SOD QUANTITY TAKEOFFS AF WILLFULLY INSTALL ANY PORTION ( NFORESEEN OBSTRUCTIONS, GRAD ORESEEN CONFLICTS SHALL BE BRO RIOR TO INSTALLATION. OF ANY PLANT MATERIAL OR ITS IN: VAL FROM THE LANDSCAPE ARCHIT SIS SHOWN THEY SHALL BE CONTAIN ACCEPTED. IN ALL CASES THE PLAN	A LANDSCAPING, THE EXISTING LANDSCAPING IS SE CALLED OUT ON THE PLANS AS GRAVEL. EDTEXTILE) INSTALLED BENEATH IT. ALL TREES ARGENTINE BAHIA. ALL SOD SHALL BE ROLLED RELATED ACTIVITIES, REPLACE WITH SAME. PLANT LIST AND THE ACTUAL QUANTITY OF RE THE RESPONSIBILITY OF THE CONTRACTOR. DF THE LANDSCAPE PLAN AS SHOWN ON THE E DIFFERENCES, STANDING WATER, SOIL DUGHT TO THE ATTENTION OF THE OWNER'S STALLED LOCATION WILL BE PERMITTED ECT. NER GROWN AND THE SIZE SHOWN SHALL IT SPECIFIED SIZE SHALL GOVERN OVER THE	F	TURF AREA       12,385 (50%)         (CALCULATION: 12,385 / 24,655 = 50%)         VEHICULAR USE AREA PERIN         FRONT, SOUTH       300 LINEAR FEET - CROWN HILL BLVD. ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30" HEIGHT MIN.)         SIDE, EAST       260 LINEAR FEET - AVALON PARK BLVD ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30" HEIGHT MIN.)	/ ETER         REQUIRED         7'         8         YES         7'         7'         7'         7'         7'         7'         7'         YES         1         7         YES         1         7         YES         1         1         7         YES         1	PROVIDED         5'         8*         YES         9'         9'         9'         9'         YES         YES         YES         YES         YES         YES         YES         YES
	<ul> <li>2. EAISTING TO BE RE 3. MULCH: GRAVEL NOT IN B</li> <li>4. SOD: SC AFTER IN</li> <li>5. QUANTIT PLANTS</li> <li>6. UNFORE DRAWING CONDITIG REPRESE</li> <li>7. SUBSTITI WITHOU</li> <li>8. CONTAIN REPRESE GALLON.</li> <li>9. PLANTIN CONDITIG SUBSTITI CONTRA</li> </ul>	I PLANTS: IF PROPOSED PLANTINGS SHOWN ( MOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSO EDS SHALL HAVE A 5' DIAMETER MULCH RING D SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE IES: IN THE EVENT OF A VARIATION BETWEEN SHOWN ON THE PLAN, THE PLAN SHALL CON' SEEN CONFLICTS: CONTRACTOR SHALL NOT ' GS WHEN IT IS OBVIOUS IN THE FIELD THAT UN DNS OR OTHER CONFLICTS EXIST. SUCH UNFO ENTATIVE AND THE LANDSCAPE ARCHITECT PI UTIONS: NO SUBSTITUTIONS OR VARIATIONS I THE PRIOR WRITTEN CONSENT AND APPROV IERS: IF GALLONAGE FOR PLANTS OR TREES ENT THE MINIMUM ALLOWABLE GALLONAGE A AGE INDICATED. G SOIL: CONTRACTOR SHALL VERIFY THAT SO DNS ARE DEEMED UNSUITABLE FOR PROPER JTIONS SHALL BE SPECIFIED BY THE LANDSCAPE COOR SHALL BE MOVE I UME ROCK. CONCRET	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE G. LESS INDICATED ON THE PLANS AS A EAS DISTURBED BY CONSTRUCTION N THE QUANTITIES SHOWN ON THE F ITROL. SOD QUANTITY TAKEOFFS AF WILLFULLY INSTALL ANY PORTION ( NFORESEEN OBSTRUCTIONS, GRAD ORESEEN CONFLICTS SHALL BE BRO PRIOR TO INSTALLATION. OF ANY PLANT MATERIAL OR ITS IN: VAL FROM THE LANDSCAPE ARCHITI IS SHOWN THEY SHALL BE CONTAIN ACCEPTED. IN ALL CASES THE PLAN OIL CONDITIONS ARE SUITABLE TO T PLANT HEALTH, CONTRACTOR SHALL CAPE ARCHITECT PRIOR TO INSTALLA E AND OTHER DELETERIOUS DEBRIS	A LANDSCAPING, THE EXISTING LANDSCAPING IS A CALLED OUT ON THE PLANS AS GRAVEL. EOTEXTILE) INSTALLED BENEATH IT. ALL TREES A RGENTINE BAHIA. ALL SOD SHALL BE ROLLED RELATED ACTIVITIES, REPLACE WITH SAME. PLANT LIST AND THE ACTUAL QUANTITY OF RE THE RESPONSIBILITY OF THE CONTRACTOR. DF THE LANDSCAPE PLAN AS SHOWN ON THE E DIFFERENCES, STANDING WATER, SOIL DUGHT TO THE ATTENTION OF THE OWNER'S STALLED LOCATION WILL BE PERMITTED ECT. NER GROWN AND THE SIZE SHOWN SHALL IT SPECIFIED SIZE SHALL GOVERN OVER THE THE PLANT SPECIES SPECIFIED. IF SOIL LL NOTIFY LANDSCAPE ARCHITECT AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND REPORT IN A SHORE AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND REPORT IN A SHORE AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND REPORT IN A SHORE AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND REPORT IN A SHORE AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND REPORT IN A SHORE AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND REPORT IN A SHORE AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND REPORT IN A SHORE AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND PROPER AND A SHORE AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND PROPER AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND PROPER AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND PROPER AND PROPER AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND PROPER AND PROPER AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND PROPER AND PROPER AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND PROPER AND PROPER AND PROPER AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE SERVICE AND PROPER AND PROPER AND PROPER ATION PROPER ATION AND PROPER ATION PROPER ATION AND PROPER A	F	TURF AREA 12,385 (50%) (CALCULATION: 12,385 / 24,655 = 50%)         VEHICULAR USE AREA PERIN         FRONT, SOUTH 300 LINEAR FEET - CROWN HILL BLVD. ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30' HEIGHT MIN.)         SIDE, EAST         260 LINEAR FEET - AVALON PARK BLVD ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30' HEIGHT MIN.)         SIDE, EAST         260 LINEAR FEET - AVALON PARK BLVD ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30'' HEIGHT MIN.)	/ ETEF         REQUIRED         7'         8         YES         7'         7'         7'         7'         7'         7'         7'         YES	PROVIDED         5'         8*         YES         9'         9'         9'         9'         1         9'         1         9'         1         9'         1         9'         1
	<ol> <li><u>EAISTING</u> TO BE RE GRAVEL NOT IN B</li> <li><u>SOD</u>: SC AFTER IN</li> <li><u>QUANTIT</u> PLANTS</li> <li><u>QUANTIT</u> PLANTS</li> <li><u>UNFORE</u> DRAWING CONDITIG REPRESE</li> <li><u>SUBSTITI</u> WITHOU</li> <li><u>CONTAIN</u> REPRESE GALLON.</li> <li><u>PLANTIN</u> CONDITIG SUBSTITIC CONTRA INTEGRA LANDSC.</li> </ol>	APLANTS: IF PROPOSED PLANTINGS SHOWN OF MOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSO EDS SHALL HAVE A 5' DIAMETER MULCH RING DD SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE <u>IES:</u> IN THE EVENT OF A VARIATION BETWEEN SHOWN ON THE PLAN, THE PLAN SHALL CON SEEN CONFLICTS: CONTRACTOR SHALL NOT ' CONS OR OTHER CONFLICTS EXIST. SUCH UNFO SWHEN IT IS OBVIOUS IN THE FIELD THAT UN DNS OR OTHER CONFLICTS EXIST. SUCH UNFO ENTATIVE AND THE LANDSCAPE ARCHITECT PI UTIONS: NO SUBSTITUTIONS OR VARIATIONS I THE PRIOR WRITTEN CONSENT AND APPRON IERS: IF GALLONAGE FOR PLANTS OR TREES ENT THE MINIMUM ALLOWABLE GALLONAGE A AGE INDICATED. G SOIL: CONTRACTOR SHALL VERIFY THAT SO DNS ARE DEEMED UNSUITABLE FOR PROPER JTIONS SHALL BE SPECIFIED BY THE LANDSC, CTOR SHALL REMOVE LIME ROCK, CONCRETE TED IN THE SOIL, THE SOIL MUST BE EXCAVAT APE AREAS MUST HAVE A pH RANGE BETWEE	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE G. LESS INDICATED ON THE PLANS AS A EAS DISTURBED BY CONSTRUCTION N THE QUANTITIES SHOWN ON THE F ITROL. SOD QUANTITY TAKEOFFS AF WILLFULLY INSTALL ANY PORTION ON NFORESEEN OBSTRUCTIONS, GRAD ORESEEN CONFLICTS SHALL BE BRO RIOR TO INSTALLATION. OF ANY PLANT MATERIAL OR ITS IN: VAL FROM THE LANDSCAPE ARCHITE ACCEPTED. IN ALL CASES THE PLAN OIL CONDITIONS ARE SUITABLE TO T PLANT HEALTH, CONTRACTOR SHALL APE ARCHITECT PRIOR TO INSTALLA E AND OTHER DELETERIOUS DEBRIS TED AND REPLACED WITH ACCEPTA EN 5.8 AND 7.5, BE ORGANIC IN NATU	A LANDSCAPING, THE EXISTING LANDSCAPING IS SE CALLED OUT ON THE PLANS AS GRAVEL. EDTEXTILE) INSTALLED BENEATH IT. ALL TREES ARGENTINE BAHIA. ALL SOD SHALL BE ROLLED RELATED ACTIVITIES, REPLACE WITH SAME. PLANT LIST AND THE ACTUAL QUANTITY OF RE THE RESPONSIBILITY OF THE CONTRACTOR. OF THE LANDSCAPE PLAN AS SHOWN ON THE E DIFFERENCES, STANDING WATER, SOIL DUGHT TO THE ATTENTION OF THE OWNER'S STALLED LOCATION WILL BE PERMITTED ECT. NER GROWN AND THE SIZE SHOWN SHALL T SPECIFIED SIZE SHALL GOVERN OVER THE THE PLANT SPECIES SPECIFIED. IF SOIL LL NOTIFY LANDSCAPE ARCHITECT AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE FROM PLANTING BEDS. IF DEBRIS IS BLE SOIL. LASTLY, ALL FILL TO BE PLACED IN JRE, AND BE FREE OF ROCKS AND DEBRIS.	F	TURF AREA       12,385 (50%)         (CALCULATION: 12,385 / 24,655 = 50%)         VEHICULAR USE AREA PERIN         FRONT, SOUTH         300 LINEAR FEET - CROWN HILL BLVD. ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30° HEIGHT MIN.)         SIDE, EAST       260 LINEAR FEET - AVALON PARK BLVD ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30° HEIGHT MIN.)         SIDE, EAST         260 LINEAR FEET - AVALON PARK BLVD ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30° HEIGHT MIN.)         SIDE, WEST       NO SCREENING REQUIRED. GREATER THAN 30° SEPARATION         REAR, NORTH       335 LINEAR FEET - ADJACENT TO NON RESIDENTIAL USE	Image: Acceleration of the second state of the second s	PROVIDED         5'         8*         YES         9'         9'         9'         9'         9'         1         YES         1
	<ul> <li>2. EXISTING TO BE RE TO BE RE</li> <li>3. MULCH: GRAVEL NOT IN B</li> <li>4. SOD: SC AFTER IN</li> <li>5. QUANTIT PLANTS</li> <li>6. UNFORE DRAWING CONDITIC REPRESE</li> <li>7. SUBSTITI WITHOUT</li> <li>8. CONTAIN REPRESE GALLON.</li> <li>9. PLANTIN CONDITIC SUBSTITIC CONTRA INTEGRA LANDSC.</li> <li>10. TOPSOIL PAN, NO AND SUL</li> </ul>	I PLANTS: IF PROPOSED PLANTINGS SHOWN ( EMOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSO EDS SHALL HAVE A 5' DIAMETER MULCH RING D SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE <u>IES:</u> IN THE EVENT OF A VARIATION BETWEEN SHOWN ON THE PLAN, THE PLAN SHALL CON' <u>SEEN CONFLICTS:</u> CONTRACTOR SHALL NOT ' GS WHEN IT IS OBVIOUS IN THE FIELD THAT UP DNS OR OTHER CONFLICTS EXIST. SUCH UNFO ENTATIVE AND THE LANDSCAPE ARCHITECT PI <u>JTIONS:</u> NO SUBSTITUTIONS OR VARIATIONS THE PRIOR WRITTEN CONSENT AND APPROV <u>IERS:</u> IF GALLONAGE FOR PLANTS OR TREES ENT THE MINIMUM ALLOWABLE GALLONAGE A AGE INDICATED. G SOIL: CONTRACTOR SHALL VERIFY THAT SO DNS ARE DEEMED UNSUITABLE FOR PROPER JTIONS SHALL BE SPECIFIED BY THE LANDSC. CTOR SHALL BE SPECIFIED BY THE LANDSC.	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE G. LESS INDICATED ON THE PLANS AS A EAS DISTURBED BY CONSTRUCTION N THE QUANTITIES SHOWN ON THE F ITROL. SOD QUANTITY TAKEOFFS AF WILLFULLY INSTALL ANY PORTION ON NFORESEEN OBSTRUCTIONS, GRAD ORESEEN CONFLICTS SHALL BE BRO PRIOR TO INSTALLATION. OF ANY PLANT MATERIAL OR ITS IN VAL FROM THE LANDSCAPE ARCHITI ACCEPTED. IN ALL CASES THE PLAN OIL CONDITIONS ARE SUITABLE TO T PLANT HEALTH, CONTRACTOR SHALL E AND OTHER DELETERIOUS DEBRIS TED AND REPLACED WITH ACCEPTA EN 5.8 AND 7.5, BE ORGANIC IN NATU E FREE FROM ALL HARD CLODS, WE IDESIRABLE PLANTS, SEEDS, OR MAT	A LANDSCAPING, THE EXISTING LANDSCAPING IS SCALLED OUT ON THE PLANS AS GRAVEL. EDTEXTILE) INSTALLED BENEATH IT. ALL TREES ARGENTINE BAHIA. ALL SOD SHALL BE ROLLED RELATED ACTIVITIES, REPLACE WITH SAME. PLANT LIST AND THE ACTUAL QUANTITY OF RE THE RESPONSIBILITY OF THE CONTRACTOR. OF THE LANDSCAPE PLAN AS SHOWN ON THE E DIFFERENCES, STANDING WATER, SOIL DUGHT TO THE ATTENTION OF THE OWNER'S STALLED LOCATION WILL BE PERMITTED ECT. NER GROWN AND THE SIZE SHOWN SHALL IT SPECIFIED SIZE SHALL GOVERN OVER THE THE PLANT SPECIES SPECIFIED. IF SOIL LL NOTIFY LANDSCAPE ARCHITECT AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE FROM PLANTING BEDS. IF DEBRIS IS BLE SOIL. LASTLY, ALL FILL TO BE PLACED IN JRE, AND BE FREE OF ROCKS AND DEBRIS.	F	TURF AREA	/ ETEF         REQUIRED         7'         8         YES         7'         7'         7'         7'         7'         7'         7'         YES	PROVIDED         5'         8*         YES         9'         9'         9'         YES         YES         9'         9'         9'         9'         9'         9'         3'         3'         7
	<ol> <li><u>EAISTING</u> TO BE RE TO BE RE</li> <li><u>MULCH:</u> GRAVEL NOT IN B</li> <li><u>SOD</u>: SC AFTER IN</li> <li><u>QUANTIT</u> PLANTS</li> <li><u>QUANTIT</u> PLANTS</li> <li><u>QUANTIT</u> PLANTS</li> <li><u>UNFORE</u> DRAWING CONDITIG REPRESE</li> <li><u>SUBSTITI</u> WITHOU</li> <li><u>CONTAIN</u> REPRESE GALLON.</li> <li><u>PLANTIN</u> CONDITIG SUBSTITI CONTRA INTEGRA LANDSC.</li> <li><u>TOPSOIL</u> PAN, NO AND SHA</li> <li><u>WEEDS</u>:</li> </ol>	IPLANTS: IF PROPOSED PLANTINGS SHOWN ( MOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSO EDS SHALL HAVE A 5' DIAMETER MULCH RING DO SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE IES: IN THE EVENT OF A VARIATION BETWEEN SHOWN ON THE PLAN, THE PLAN SHALL CON' SEEN CONFLICTS: CONTRACTOR SHALL NOT ' CONS OR OTHER CONFLICTS EXIST. SUCH UNFO CONS OR OTHER CONFLICTS EXIST. SUCH UNFO INTATIVE AND THE LANDSCAPE ARCHITECT PI UTIONS: NO SUBSTITUTIONS OR VARIATIONS IT THE PRIOR WRITTEN CONSENT AND APPROV IERS: IF GALLONAGE FOR PLANTS OR TREES INT THE MINIMUM ALLOWABLE GALLONAGE A AGE INDICATED. G SOIL: CONTRACTOR SHALL VERIFY THAT SO DNS ARE DEEMED UNSUITABLE FOR PROPER UTIONS SHALL BE SPECIFIED BY THE LANDSC, CTOR SHALL REMOVE LIME ROCK, CONCRETE TED IN THE SOIL, THE SOIL MUST BE EXCAVAT APE AREAS MUST HAVE A PH RANGE BETWEE I TOPSOIL MATERIAL, IF REQUIRED, SHALL BE XIOUS PLANTS, SOD, INSECTS, OR OTHER UNIT ALL BE CERTIFIED AS STERILE. IF PRESENT, THE CONTRACTOR SHALL BE REAL ADD ADD ADD ADD ADD ADD ADD ADD ADD ADD	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE G. LESS INDICATED ON THE PLANS AS A EAS DISTURBED BY CONSTRUCTION N THE QUANTITIES SHOWN ON THE F ITROL. SOD QUANTITY TAKEOFFS AF WILLFULLY INSTALL ANY PORTION ON NFORESEEN OBSTRUCTIONS, GRAD ORESEEN CONFLICTS SHALL BE BRO RIOR TO INSTALLATION. OF ANY PLANT MATERIAL OR ITS IN: VAL FROM THE LANDSCAPE ARCHIT ACCEPTED. IN ALL CASES THE PLAN OIL CONDITIONS ARE SUITABLE TO T PLANT HEALTH, CONTRACTOR SHAL E AND OTHER DELETERIOUS DEBRIS TED AND REPLACED WITH ACCEPTA END SAME PLANTS, SEEDS, OR MATERIAL ESPONSIBLE TO REMOVE ANY WEED	A LANDSCAPING, THE EXISTING LANDSCAPING IS S CALLED OUT ON THE PLANS AS GRAVEL. EDTEXTILE) INSTALLED BENEATH IT. ALL TREES ARGENTINE BAHIA. ALL SOD SHALL BE ROLLED RELATED ACTIVITIES, REPLACE WITH SAME. PLANT LIST AND THE ACTUAL QUANTITY OF RE THE RESPONSIBILITY OF THE CONTRACTOR. OF THE LANDSCAPE PLAN AS SHOWN ON THE E DIFFERENCES, STANDING WATER, SOIL DUGHT TO THE ATTENTION OF THE OWNER'S STALLED LOCATION WILL BE PERMITTED ECT. NER GROWN AND THE SIZE SHOWN SHALL IT SPECIFIED SIZE SHALL GOVERN OVER THE THE PLANT SPECIES SPECIFIED. IF SOIL LL NOTIFY LANDSCAPE ARCHITECT AND PROPER ATION. ADDITIONALLY, IF PRESENT, THE FROM PLANTING BEDS. IF DEBRIS IS BLE SOIL. LASTLY, ALL FILL TO BE PLACED IN JRE, AND BE FREE OF ROCKS AND DEBRIS. EDS, STONES OVER 1" IN DIAMETER, CLAY, HARD TERIAL WHICH MAY BE HARMFUL FOR GROWTH	F	TURF AREA 12,385 (50%)         (CALCULATION: 12,385 / 24,655 = 50%)         VEHICULAR USE AREA PERIN         Ison Linear Feet - Crown Hill BLVD. Row         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30° HEIGHT MIN.)         SIDE, EAST         260 LINEAR FEET - AVALON PARK BLVD ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30° HEIGHT MIN.)         SIDE, EAST         260 LINEAR FEET - AVALON PARK BLVD ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30° HEIGHT MIN.)         SIDE, WEST         NO SCREENING REQUIRED. GREATER THAN 30' SEPARATION         REAR, NORTH       335 LINEAR FEET - ADJACENT TO NON RESIDENTIAL USE         MINIMUM WIDTH         1 SHADE TREE PER 50 L.F.         CONTINUOUS HEDGE (30° HEIGHT MIN.)	/ ETER         REQUIRED         7'         8         YES         7'         8'         9'         7'         7'         7'         7'         7'	PROVIDED         5'         8*         YES         9'         9'         9'         YES         YES         9'         7         YES         3'         3'         7         YES
	<ol> <li>EAISTING TO BE RE TO BE RE</li> <li>MULCH: GRAVEL NOT IN B</li> <li>SOD: SC AFTER IN</li> <li>QUANTIT PLANTS</li> <li>QUANTIT PLANTS</li> <li>UNFORE DRAWING CONDITIG REPRESE</li> <li>SUBSTITI WITHOUT</li> <li>CONTAIN REPRESE GALLON</li> <li>PLANTIN CONDITIG SUBSTITI CONDITIG SUBSTITIC CONDITIG SUBSTITIC CONTRA INTEGRA LANDSC</li> <li>TOPSOIL PAN, NO AND SHA</li> <li>WEEDS: INSTALL WEEDS F</li> </ol>	I PLANTS: IF PROPOSED PLANTINGS SHOWN OF MOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSO EDS SHALL HAVE A 5' DIAMETER MULCH RING D SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE IES: IN THE EVENT OF A VARIATION BETWEEN SHOWN ON THE PLAN, THE PLAN SHALL CON' SEEN CONFLICTS: CONTRACTOR SHALL NOT ' GS WHEN IT IS OBVIOUS IN THE FIELD THAT UN DNS OR OTHER CONFLICTS EXIST. 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(6 UNDERSTORY TREES =	<b>/ETEF</b> REQUIRED         7'         8         YES         7'         8         8         8         8         8         8         8         8         8          8          8          8          8 <td>PROVIDED         5'         8*         YES         9'         9'         9'         9'         9'         1         9'         1         9'         1         9'         1         9'         1         9'         1         9'         1         9'         1         1         1         1         3'         7         YES         3'         7         YES         ATIO OF 2:1         TREES)    </td>	PROVIDED         5'         8*         YES         9'         9'         9'         9'         9'         1         9'         1         9'         1         9'         1         9'         1         9'         1         9'         1         9'         1         1         1         1         3'         7         YES         3'         7         YES         ATIO OF 2:1         TREES)
	<ol> <li><u>EAISTING</u> TO BE RE TO BE RE</li> <li><u>MULCH:</u> GRAVEL NOT IN B</li> <li><u>SOD</u>: SC AFTER IN</li> <li><u>QUANTIT</u> PLANTS</li> <li><u>QUANTIT</u> PLANTS</li> <li><u>UNFORE</u> DRAWING CONDITIG REPRESE</li> <li><u>SUBSTITI</u> WITHOU</li> <li><u>CONTAIN</u> REPRESE GALLON</li> <li><u>PLANTIN</u> CONDITIG SUBSTITI CONTRA INTEGRA LANDSC</li> <li><u>TOPSOIL</u> PAN, NO AND SHA</li> <li><u>WEEDS</u>: INSTALL/ WEEDS F</li> <li><u>GRADING</u> AND SOI ACHIEVE</li> </ol>	A PLANTS: IF PROPOSED PLANTINGS SHOWN ( MOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSO EDS SHALL HAVE A 5' DIAMETER MULCH RING DO SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE IES: IN THE EVENT OF A VARIATION BETWEEN SHOWN ON THE PLAN, THE PLAN SHALL CON' SEEN CONFLICTS: CONTRACTOR SHALL NOT ' GS WHEN IT IS OBVIOUS IN THE FIELD THAT UP DNS OR OTHER CONFLICTS EXIST. 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	<ol> <li>EAISTING TO BE RE</li></ol>	PLANTS: IF PROPOSED PLANTINGS SHOWN (     MOVED IN FAVOR OF THE NEW PLANTINGS.     ALL PLANTING BEDS SHALL BE TOP DRESSED     SHALL BE #57 STONE 3" DEPTH WITH LANDSO     EDS SHALL HAVE A 5' DIAMETER MULCH RING     DD SHALL BE ST. AUGUSTINE 'FLORATAM' UNL     ISTALLATION. CONTRACTOR TO SOD ALL ARE     IES: IN THE EVENT OF A VARIATION BETWEEN     SHOWN ON THE PLAN, THE PLAN SHALL CON     SEEN CONFLICTS: CONTRACTOR SHALL NOT     GS WHEN IT IS OBVIOUS IN THE FIELD THAT UP     DNS OR OTHER CONFLICTS EXIST. SUCH UNFO     SNTATIVE AND THE LANDSCAPE ARCHITECT PP     UTIONS: NO SUBSTITUTIONS OR VARIATIONS     THE PRIOR WRITTEN CONSENT AND APPROV     IERS: IF GALLONAGE FOR PLANTS OR TREES     INT THE MINIMUM ALLOWABLE GALLONAGE A     GE INDICATED.     GSOIL: CONTRACTOR SHALL VERIFY THAT SO     DNS ARE DEEMED UNSUITABLE FOR PROPER     JTIONS SHALL BE SPECIFIED BY THE LANDSC.     CTOR SHALL REMOVE LIME ROCK, CONCRETE     TOPSOIL MATERIAL, IF REQUIRED, SHALL BE     XIOUS PLANTS, SOD, INSECTS, OR OTHER UNI     ALL REMOVE LIME ROCK, CONCRETE     TOPSOIL MATERIAL, IF REQUIRED, SHALL BE     XIOUS PLANTS, SOD, INSECTS, OR OTHER UNI     ALL SOTHERWISE STATED ON THESE PL     DDED IN ORDER TO ELIMINATE BUMPS AND DE     D. THE CONTRACTOR SHALL BE REPONSIBLE     CEPTANCE OF THE PROJECT.     : ALL TREES, AND PALMS ARE TO BE STAKED	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE G. LESS INDICATED ON THE PLANS AS A EAS DISTURBED BY CONSTRUCTION N THE QUANTITIES SHOWN ON THE F ITROL. SOD QUANTITY TAKEOFFS AF WILLFULLY INSTALL ANY PORTION ( NFORESEEN OBSTRUCTIONS, GRAD ORESEEN CONFLICTS SHALL BE BRO PRIOR TO INSTALLATION. OF ANY PLANT MATERIAL OR ITS IN: VAL FROM THE LANDSCAPE ARCHITI SIS SHOWN THEY SHALL BE CONTAIN ACCEPTED. 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SIDE, EAST       260 LINEAR FEET - AVALON PARK BLVD ROW         MINIMUM WIDTH         1 SHADE TREE PER 40 L.F.         CONTINUOUS HEDGE (30" HEIGHT MIN.)         SIDE, WEST       NO SCREENING REQUIRED. GREATER THAN 30' SEPARATION         REAR, NORTH       335 LINEAR FEET - ADJACENT TO NON RESIDENTIAL USE         MINIMUM WIDTH       1 SHADE TREE PER 50 L.F.         CONTINUOUS HEDGE (30" HEIGHT MIN.)       * UNDERSTORY TREES HAVE BEEN SUBSTITUTED FOR SHADE TREE         DUE TO UTILITY AND SPACE CONFLICTS. 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CONTINUOUS HEDGE (30" HEIGHT MIN.)         SIDE, WEST       NO SCREENING REQUIRED. GREATER THAN 30' SEPARATION         REAR, NORTH       335 LINEAR FEET - ADJACENT TO NON RESIDENTIAL USE         MINIMUM WIDTH       1 SHADE TREE PER 50 L.F.         CONTINUOUS HEDGE (30" HEIGHT MIN.)         * UNDERSTORY TREES HAVE BEEN SUBSTITUTED FOR SHADE TREE         DUE TO UTILITY AND SPACE CONFLICTS. (6 UNDERSTORY TREES =         INTERINAL LANDSCAPE CALCU         VEHICULAR USE AREA         INTERIOR LANDSCAPE AREA REQUIRED         (CALCULATION: 25,244 SF x 5% = 1,262)	/ ETEF         REQUIRED         7'         8         YES         7'         8         7'         7'         7'         7'         7'         7'         8         8         8         8         8         8         8         8         8         8         9         9         9         9         9      <	PROVIDED         5'         8*         YES         9'         7         9'         7         YES         3'         7         YES         1         YES         1         9'         YES         1         YES         1         YES         1         YES         ATIO OF 2:1         TREES)         25,244 SF         1,262 SF
	<ol> <li>EAISTING TO BE RE TO BE RE</li> <li>MULCH: GRAVEL NOT IN B</li> <li>SOD: SC AFTER IN</li> <li>QUANTIT PLANTS</li> <li>QUANTIT PLANTS</li> <li>UNFORE DRAWING CONDITIG REPRESE</li> <li>SUBSTITI WITHOU</li> <li>CONTAIN REPRESE GALLON.</li> <li>PLANTIN CONDITIG SUBSTITI WITHOU</li> <li>CONTAIN REPRESE GALLON.</li> <li>PLANTIN CONDITIG SUBSTITI WITHOU</li> <li>CONTAIN REPRESE</li> <li>CONTAIN REPRESE</li> <li>GRADING AND SOL AND S</li></ol>	<u>PLANTS:</u> IF PROPOSED PLANTINGS SHOWN ( <u>SMOVED IN FAVOR OF THE NEW PLANTINGS</u> . ALL PLANTING BEDS SHALL BE TOP DRESSEL SHALL BE #57 STONE 3" DEPTH WITH LANDSO EDS SHALL HAVE A 5' DIAMETER MULCH RING DD SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE <u>IES:</u> IN THE EVENT OF A VARIATION BETWEEN SHOWN ON THE PLAN, THE PLAN SHALL CON <u>SEEN CONFLICTS:</u> CONTRACTOR SHALL NOT ' <u>SS WHEN IT IS OBVIOUS IN THE FIELD THAT UN </u> DNS OR OTHER CONFLICTS EXIST. 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TO ALL TREE, SHRUB, AND GROUNDCOVER A	F	TURF AREA	/ ETEF         REQUIRED         7'         8         YES         7'         8         8         8         9         10         10         10         10         10	PROVIDED         5'         8*         YES         9'         9'         7         YES         7         YES         3'         7         YES         1         YES         1         1         YES         1         YES         1         1         1         1         1         1         1         YES         ATIO OF 2:1         TREES         25,244 SF         1,262 SF         13 TREES
	<ol> <li>EAISTING TO BE RE TO BE RE</li> <li>MULCH: GRAVEL NOT IN B</li> <li>SOD: SC AFTER IN</li> <li>QUANTIT PLANTS</li> <li>QUANTIT PLANTS</li> <li>UNFORE DRAWING CONDITION REPRESE</li> <li>SUBSTITION WITHOUT</li> <li>CONTAIN REPRESE GALLON</li> <li>PLANTIN CONDITION SUBSTITIC CONDITION SUBSTITIC CONDITION SUBSTITIC CONDITION SUBSTITIC CONDITION SUBSTITIC CONTAIN REPRESE</li> <li>PLANTIN CONDITION SUBSTITIC CONTAIN REPRESE</li> <li>TOPSOIL PAN, NO AND SHA</li> <li>TOPSOIL PAN, NO AND SHA</li> <li>TOPSOIL PAN, NO AND SHA</li> <li>STAKING USE OTH LANDSCA REPLACE</li> <li>STAKING USE OTH LANDSCA REPLACE</li> <li>STAKING USE OTH LANDSCA REPLACE</li> <li>DRAINACO</li> <li>DRAINACO</li> </ol>	PLANTS: IF PROPOSED PLANTINGS SHOWN (     MOVED IN FAVOR OF THE NEW PLANTINGS.     ALL PLANTING BEDS SHALL BE TOP DRESSEL     SHALL BE #57 STONE 3" DEPTH WITH LANDSO     EDS SHALL HAVE A 5 DIAMETER MULCH RING     D SHALL BE ST. AUGUSTINE 'FLORATAM' UNL     ISTALLATION. 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CONTINUOUS HEDGE (30' HEIGHT MIN.)       * UNDERSTORY TREES HAVE BEEN SUBSTITUTED FOR SHADE TREE         UNDERSTORY TREES HAVE BEEN SUBSTITUTED FOR SHADE TREE       DUE TO UTILITY AND SPACE CONFLICTS. (6 UNDERSTORY TREES =         INTERIOR LANDSCAPE AREA       INTERIOR LANDSCAPE AREA         (CALCULATION: 12,244 SF x 5% = 1,262)       SHADE TREES REQUIRED         (CALCULATION: 12,262 SF / 100 = 12.62)       INTERIOR LANDSCAPE AREA PROVIDED <td>/ETEF         REQUIRED         7'         8         YES         7'         7'         7'         7'         7'         7'         7'         7'         7'         8         9         7'         7         9         7'         7'         7'         7'         7'         7'         7'         7'         7'         7'         7'         9         7'         9         8         9         10         10         11         12         13         14         15         16         17         10         10         11         12         13         14         15         16         17         17         10     <td>PROVIDED         5'         8*         YES         9'         7         9'         7         YES         3'         7         3'         7         3'         7         125,244 SF         1,262 SF         1,262 SF         13 TREES         2,000+ SF</td></td>	/ETEF         REQUIRED         7'         8         YES         7'         7'         7'         7'         7'         7'         7'         7'         7'         8         9         7'         7         9         7'         7'         7'         7'         7'         7'         7'         7'         7'         7'         7'         9         7'         9         8         9         10         10         11         12         13         14         15         16         17         10         10         11         12         13         14         15         16         17         17         10 <td>PROVIDED         5'         8*         YES         9'         7         9'         7         YES         3'         7         3'         7         3'         7         125,244 SF         1,262 SF         1,262 SF         13 TREES         2,000+ SF</td>	PROVIDED         5'         8*         YES         9'         7         9'         7         YES         3'         7         3'         7         3'         7         125,244 SF         1,262 SF         1,262 SF         13 TREES         2,000+ SF
	<ol> <li>EAISTING TO BE RE TO BE RE</li> <li>MULCH: GRAVEL NOT IN B</li> <li>SOD: SC AFTER IN</li> <li>QUANTIT PLANTS</li> <li>UNFORE DRAWING CONDITION REPRESE</li> <li>UNFORE DRAWING CONDITION</li> <li>CONTAIN REPRESE</li> <li>SUBSTITION WITHOUT</li> <li>CONTAIN REPRESE</li> <li>SUBSTITION ON DITION SUBSTITION</li> <li>PLANTINI CONDITION</li> <li>PLANTINI CONDITION</li> <li>PLANTINI CONTRA INTEGRA LANDSC</li> <li>TOPSOIL PAN, NO AND SHA</li> <li>STAKING USE OTH LANDSC</li> <li>STAKING USE OTH LANDSC</li> <li>STAKING USE OTH</li> <li>STAKING USE OTH</li> <li>STAKING USE OTH</li> <li>TOPSOIL</li> <li>TAKING USE OTH</li> <li>TAKING</li> <li>TAKING</li></ol>	IPLANTS: IF PROPOSED PLANTINGS SHOWN ( IMOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3" DEPTH WITH LANDSG EDS SHALL HAVE A 5' DIAMETER MULCH RING DO SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. 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	<ol> <li>EAISTING TO BE RE TO BE RE A. MULCH: GRAVEL NOT IN B</li> <li>SOD: SC AFTER IN 5. QUANTIT PLANTS</li> <li>UNFORE DRAWING CONDITIC REPRESE GALLON</li> <li>UNFORE DRAWING CONDITIC REPRESE GALLON</li> <li><u>ONTAIN</u> REPRESE GALLON</li> <li><u>PLANTIN</u> CONTAIN REPRESE GALLON</li> <li><u>PLANTIN</u> CONTAIN REPRESE GALLON</li> <li><u>PLANTIN</u> CONTRA INTEGRA LANDSC</li> <li><u>TOPSOIL</u> PAN, NO AND SHA</li> <li><u>TOPSOIL</u> PAN, NO AND SHA</li> <li><u>TOPSOIL</u> PAN, NO AND SHA</li> <li><u>STAKING</u> USE OTH LANDSC REPLACE</li> <li><u>STAKING</u> USE OTH LANDSC</li> <li><u>STAKING</u> USE OTH</li> </ol>	PLANTS: IF PROPOSED PLANTINGS SHOWN (     MOVED IN FAVOR OF THE NEW PLANTINGS.     ALL PLANTING BEDS SHALL BE TOP DRESSED     SHALL BE #57 STONE 3" DEPTH WITH LANDSG     EDS SHALL HAVE A 5' DIAMETER MULCH RING     DO SHALL BE ST. AUGUSTINE 'FLORATAM' UNL     ISTALLATION. 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CONTINUOUS HEDGE (30' HEIGHT MIN.)       * UNDERSTORY TREES HAVE BEEN SUBSTITUTED FOR SHADE TREE         DUE TO UTILITY AND SPACE CONFLICTS. (6 UNDERSTORY TREES =         INTERIOR LANDSCAPE AREA REQUIRED       (CALCULATION: 25,244 SF x 5% = 1,262)         SHADE TREES REQUIRED       (CALCULATION: 1,262 SF / 100 = 12.62)         INTERIOR LANDSCAPE AREA PROVIDED       SHADE TREES PROVIDED         SHADE TREES PROVIDED       SHADE TREES PROVIDED	/ ETEF         REQUIRED         7'         8         YES         7'         7'         7'         7'         7'         7'         7'         7'         7'         YES         1         7'         YES         1         7'         YES         ES AT A R/         ES AT A R/         ES AT A R/         I         1         7'         YES         ES AT A R/         I         I         1         8         9         10         11         12         13         14         15         16         17         18         19         10         10         11         12         13         14         15         16         17         18	PROVIDED         PROVIDED         S <sup>1</sup> PROVIDED         S <sup>2</sup> PROVIDED         PROVIDED         S <sup>3</sup> PROVIDED         S <sup>3</sup> TREES         S <sup>3</sup> 1,262 SF         1,262 SF         1,262 SF         1,262 SF         13 TREES         2,000+ SF         13+ TREES
	<ol> <li>EAISTING TO BE RE TO BE RE</li> <li>MULCH: GRAVEL NOT IN B</li> <li>SOD: SC AFTER IN</li> <li>QUANTIT PLANTS</li> <li>UNFORE DRAWING CONDITION REPRESE</li> <li>UNFORE DRAWING CONDITION</li> <li>CONTAIN REPRESE GALLON</li> <li>PLANTIN CONDITION</li> <li>CONTAIN REPRESE GALLON</li> <li>PLANTIN CONDITION</li> <li>CONTAIN REPRESE</li> <li>CONTAIN REPRESE</li> <li>CONTAIN REPRESE</li> <li>CONTAIN REPRESE</li> <li>CONTAIN REPRESE</li> <li>CONTAIN REPRESE</li> <li>TOPSOIL PAN, NO AND SHA</li> <li>TOPSOIL PAN, NO AND SHA</li> <li>TOPSOIL PAN, NO AND SHA</li> <li>STAKING USE OTH LANDSC.</li> <li>STAKING USE OTH LANDSC.</li> <li>STAKING USE OTH LANDSC.</li> <li>STAKING USE OTH LANDSC.</li> <li>STAKING USE OTH LANDSC.</li> <li>STAKING USE OTH LANDSC.</li> <li>TOPSOIL PAN, NO ACHIEVE FINAL AC</li> <li>STAKING USE OTH LANDSC.</li> <li>STAKING USE OTH LANDSC.</li> <li>STAKING USE OTH LANDSC.</li> <li>STAKING USE OTH LANDSC.</li> <li>STAKING USE OTH LANDSC.</li> <li>STAKING USE OTH LANDSC.</li> <li>STAKING USE OTH</li> <li>STAKING USE OTH</li> <li>STAKING USE OTH</li> <li>TOPSOIL AND SOL</li> <li>STAKING USE OTH</li> <li>STAKING USE OTH</li> </ol>	PLANTS: IF PROPOSED PLANTINGS SHOWN (     INOVED IN FAVOR OF THE NEW PLANTINGS.     ALL PLANTING BEDS SHALL BE TOP DRESSED     SHALL BE #57 STONE 3" DEPTH WITH LANDSG     EDS SHALL HAVE A 5' DIAMETER MULCH RING     PD SHALL BE ST. AUGUSTINE 'FLORATAM' UNL     ISTALLATION. CONTRACTOR TO SOD ALL ARE     IES: IN THE EVENT OF A VARIATION BETWEEN     SHOWN ON THE PLAN, THE PLAN SHALL CON     SEEN CONFLICTS: CONTRACTOR SHALL NOT '     GSUN ON THE PLAN, THE PLAN SHALL CON     SEEN CONFLICTS: CONTRACTOR SHALL NOT '     GSWHEN IT IS OBVIOUS IN THE FIELD THAT UP     DNS OR OTHER CONFLICTS EXIST. SUCH UNFO:     INTO SUBSTITUTIONS OR VARIATIONS     THE PRIOR WRITTEN CONSENT AND APPROV     ITIONS: NO SUBSTITUTIONS OR VARIATIONS     THE PRIOR WRITTEN CONSENT AND APPROV     IERS: IF GALLONAGE FOR PLANTS OR TREES     INT THE MINIMUM ALLOWABLE GALLONAGE /     AGE INDICATED.     G SOIL: CONTRACTOR SHALL VERIFY THAT SO     DNS ARE DEEMED UNSUITABLE FOR PROPER     JTIONS SHALL BE SPECIFIED BY THE LANDSG,     CTOR SHALL REMOVE LIME ROCK, CONCRETT     TED IN THE SOIL, THE SOIL MUST BE EXCAVAT     APE AREAS MUST HAVE A pH RANGE BETWEE     TOPSOIL MATERIAL, IF REQUIRED, SHALL BE     KIOUS PLANTS, SOD, INSECTS, OR OTHER UNIT     ALL REMOVE LIME ROCK, CONCRETT     ED IN THE SOIL, THE CONTRACTOR SHALL BE RE     XION OF PROPOSED PLANT MATERIAL AND NO     THE DURATION OF THE 90 DAY MAINTENA     INTERSONT HAVE A pH RANGE BETWEE     TOPSOIL MATERIAL, IF REQUIRED, SHALL BE     KIOUS PLANTS, SOD, INSECTS, OR OTHER UNIT     ALL BE CERTIFIED AS STERILE.     IF PRESENT, THE CONTRACTOR SHALL BE RE     YONSOIL MATERIAL, IF REQUIRED, SHALL BE     XION OF PROPOSED PLANT MATERIAL AND MARE     YONSON IN THE 1     APE ARCHITECT FOR APPROVAL PRIOR TO INS     ANY PLANTS DAMAGED BY FAILURE TO PRO     YEAL AND SCAPE ARCHITECT SHALL     AND WORKMANSHIP WHICH IN HIS OR HER     XIND SHALL NOTIFY THE OWNERS REPRESE     YONGKED SHALL CONTRACT OWNERS     YONGKED THE ANDSCAPE ARCHITECT SHALL     AND WORKMANSHIP WHICH IN HIS OR HER     YONGKED THE ANDSCAPE ARC	ON PLAN INTERFERE WITH EXISTING D WITH 3" PINE BARK MULCH. UNLES CAPE FABRIC (4 OZ. NON-WOVEN GE 3. 	A LANDSCAPING, THE EXISTING LANDSCAPING IS S CALLED OUT ON THE PLANS AS GRAVEL. EOTEXTILE) INSTALLED BENEATH IT. ALL TREES ARGENTINE BAHIA. ALL SOD SHALL BE ROLLED RELATED ACTIVITIES, REPLACE WITH SAME. PLANT LIST AND THE ACTUAL QUANTITY OF RE THE RESPONSIBILITY OF THE CONTRACTOR. OF THE LANDSCAPE PLAN AS SHOWN ON THE E DIFFERENCES, STANDING WATER, SOIL DUGHT TO THE ATTENTION OF THE OWNER'S STALLED LOCATION WILL BE PERMITTED ECT. NER GROWN AND THE SIZE SHOWN SHALL IT SPECIFIED SIZE SHALL GOVERN OVER THE THE PLANT SPECIES SPECIFIED. IF SOIL LL NOTIFY LANDSCAPE ARCHITECT AND PROPER NTON. ADDITIONALLY, IF PRESENT, THE FROM PLANTING BEDS. IF DEBRIS IS BLE SOIL. LASTLY, ALL FILL TO BE PLACED IN JRE, AND BE FREE OF ROCKS AND DEBRIS. EDS, STONES OVER 1" IN DIAMETER, CLAY, HARD TERIAL WHICH MAY BE HARMFUL FOR GROWTH PS FROM PLANTING AREAS PRIOR TO THE LL BE RESPONSIBLE TO KEEP BEDS FREE OF AR SHALL FINE GRADE ALL AREAS TO BE PLANTED BE DEFINED AS THE FINAL 2" OF GRADE TO BE WASHOUT AREAS CAUSED BY EROSION UNTIL HESE PLANS. IF THE CONTRACTOR PREFERS TO PROPOSED STAKING DETAILS TO THE TRACTOR SHALL STRAIGHT-LINE LANDSCAPE BEDS N. SITE, AT THEIR OWN EXPENSE. NG CURVES. STRAIGHT-LINE LANDSCAPE BEDS NLESS DESIGNED OTHERWISE. TO ALL TREE, SHRUB, AND GROUNDCOVER A. INTERRUPT EXISTING OR PROPOSED DRAINAGE DNFLICT ARISE. INSTALLATION, TO REJECT ANY AND ALL PLANT UREMENTS OF THESE SPECIFICATIONS. ER DATE TO INCLUDE A WALK-THROUGH AND TABLE SHALL BE CORRECTED IMMEDIATELY AND	F	TURF AREA	Image: Arrow of the second	PROVIDED         PROVIDED         S'         YES         1         YES         1         YES         YES         1         YES         1         YES
	<ol> <li>EAISTING TO BE RE TO BE RE</li> <li>MULCH: GRAVEL NOT IN B</li> <li>SOD: SC AFTER IN</li> <li>QUANTIT PLANTS</li> <li>UNFORE DRAWING CONDITION REPRESE</li> <li>UNFORE DRAWING CONDITION REPRESE</li> <li>SUBSTITI WITHOUT</li> <li>CONTAIN REPRESE GALLON</li> <li>PLANTIN CONDITION SUBSTITI CONTRA INTEGRA LANDSC</li> <li>TOPSOIL PAN, NO AND SHA</li> <li>TOPSOIL PAN, NO AND SHA</li> <li>STAKING USE OTH LANDSC REPLACE</li> <li>GRADING AND SOI ACHIEVE FINAL AC</li> <li>STAKING USE OTH LANDSC REPLACE</li> <li>GRADING AND SOI ACHIEVE FINAL AC</li> <li>STAKING USE OTH LANDSC REPLACE</li> <li>MAINTEN SHALL C WEEDING</li> <li>MAINTEN SHALL C WEEDING</li> </ol>	I PLANTS: IF PROPOSED PLANTINGS SHOWN I IMOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE #57 STONE 3' DEPTH WITH LANDSC EDS SHALL HAVE A 5' DIAMETER MULCH RING ID SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. 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CONTINUOUS HEDGE (30' HEIGHT MIN.)       * UNDERSTORY TREES HAVE BEEN SUBSTITUTED FOR SHADE TREE         VENICULAR USE AREA       INTERIOR LANDSCAPE AREA REQUIRED         INTERIOR LANDSCAPE AREA       INTERIOR LANDSCAPE AREA REQUIRED         (CALCULATION: 12,62 SF / 100 = 12,62)       INTERIOR LANDSCAPE AREA PROVIDED         SHADE TREES REQUIRED       (CALCULATION: 1,262 SF / 100 = 12,62)         INTERIOR LANDSCAPE AREA PROVIDED       SHADE TREES PROVIDED         SHADE TREES PROVIDED       BUILDING PERIMETER ORIENTED TOWARD PUBLIC RIGHT-OF-WAY         L	/ ETEF         REQUIRED         7'         8         YES         7'         7'         7'         7'         7'         7'         7'         7'         YES         8         YES         1         7'         YES         8         9         7'         YES         8         9         10         10         11         12         13         14         15         16         17         17         17         17         17         17         17         17         17         18         19         10         10         11         12         13         14         15         16         17         17         18	PROVIDED         PROVIDED         5'         8*         YES         9'         7         9'         7         9'         7         9'         7         YES         3'         1         7         3'         7         YES         3'         1         7         YES         1         7         YES         1         1         1         25,244 SF         1,262 SF         13 TREES         2000+ SF         13+ TREES         315 LF         2,520 SF
	<ol> <li>EAISTING TO BE RE TO BE RE</li> <li>MULCH: GRAVEL NOT IN B</li> <li>SOD: SC AFTER IN</li> <li>QUANTIT PLANTS</li> <li>UNFORE DRAWING CONDITION REPRESE</li> <li>UNFORE DRAWING CONDITION REPRESE</li> <li>SUBSTITION WITHOUT</li> <li>CONTAIN REPRESE GALLON.</li> <li>PLANTIN CONDITION SUBSTITION CONTRA INTEGRA LANDSC.</li> <li>TOPSOIL PAN, NO AND SHA</li> <li>TOPSOIL PAN, NO AND SHA</li> <li>STAKING USE OTH LANDSC.</li> <li>MAINTEN SHALL CO WEEDING PROPER</li> <li>GUARAN</li> </ol>	I PLANTS: IF PROPOSED PLANTINGS SHOWN I EMOVED IN FAVOR OF THE NEW PLANTINGS. ALL PLANTING BEDS SHALL BE TOP DRESSE SHALL BE #57 STONE 3' DEPTH WITH LANDSO EDS SHALL HAVE A 5' DIAMETER MULCH RING DD SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE IES: IN THE EVENT OF A VARIATION BETWEEN SHOWN ON THE PLAN, THE PLAN SHALL NOT ' 3S WHEN IT SO BVIOUS IN THE FIELD THAT UN DNS OR OTHER CONFLICTS EXIST. 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ALL PLANTING BEDS SHALL BE TOP DRESSED SHALL BE \$75 STONE 3' DEPTH WITH LANDSC EDS SHALL HAVE A 5' DIAMETER MULCH RINC D SHALL BE ST. AUGUSTINE 'FLORATAM' UNL ISTALLATION. CONTRACTOR TO SOD ALL ARE IES: IN THE EVENT OF A VARIATION BETWEEN SHOWN ON THE PLAN, THE PLAN SHALL CON SEEN CONFLICTS: CONTRACTOR SHALL NOT ' 30 WHEN IT IS OBVIOUS IN THE FIELD THAT UN- ISTATIVE AND THE LANDSCAPE ARCHITECT PI UTIONS: NO SUBSTITUTIONS OR VARIATIONS IT THE PRIOR WRITTEN CONSENT AND APPROV. IERS: IF GALLONAGE FOR PLANTS OR TREES INT THE MINIMUM ALLOWABLE GALLONAGE / AGE INDICATED. G SOL: CONTRACTOR SHALL VERIFY THAT SC DNS AR DETRED UNSUITABLE FOR PROPER UTIONS SHALL BE SPECIFIED BY THE LANDSC. CTOR SHALL BE SPECIFIED BY THE LANDSC. CTORSOIL MATERIAL, IF REQUIRED, SHALL BE READY INTON SHALL BE SPECIFIED BY THE LANDSC. CTORSOIL MATERIAL, IF REQUIRED, SHALL BE READY INTON SHALL BE SPECIFIED BY THE LANDSC. 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IN ALL CASES THE PLAN OIL CONDITIONS ARE SUITABLE TO T PLANT HEALTH, CONTRACTOR SHAI SAPE ARCHITECT PRIOR TO INSTALLA E AND OTHER DELETERIOUS DEBRIS TED AND REPLACED WITH ACCEPTA EN 5.8 AND 7.5, BE ORGANIC IN NATU E FREE FROM ALL HARD CLODS, WE DESIRABLE PLANTS, SEEDS, OR MA' SPONSIBLE TO REMOVE ANY WEED MULCH COVER. CONTRACTOR SHAI ANCE PERIOD. LANS, THE LANDSCAPE CONTRACTOR EPRESSIONS. FINE GRADING SHALL ANCE PERIOD. LANS, THE LANDSCAPE CONTRACTOR EPRESSIONS. FINE GRADING SHALL ANCE PERIOD. LANS, THE LANDSCAPE CONTRACTOR EPRESSIONS. FINE GRADING SHALL ANCE PERIOD. LANS, THE LANDSCAPE CONTRACTOR EPRESSIONS. FINE GRADING SHALL LE FOR REPAIRING AND REGRADING D ACCORDING TO THE DETAILS IN TH- DETAILS, HE OR SHE MUST SUBMIT STALLATION. THE LANDSCAPE CONT PARKING LOTS AND STRUCTURES UN OR EQUIVALENT SHALL BE APPLIED 'OONS PER 2 S.F. OF PLANTING ARE. SURE THAT THIS WORK DOES NOT I ENTATIVE IMMEDIATELY SHALL A CO DEEDGED WITH SMOOTH FLOWIN PARKING LOTS AND STRUCTURES UN OR EQUIVALENT SHALL BE APPLIED 'OONS PER 2 S.F. OF PLANTING ARE. SURE THAT THIS WORK DOES NOT I ENTATIVE IMMEDIATELY SHALL A CO D. BE PERMITTED THE RIGHT DURING OPINION DOES NOT MEET THE REQU S REPRESENTATIVE FOR A TURNOVE ECT. ANY WORK DEEMED UNACCEPT ICK OR DEAD PLANT MATERIAL FOR O ABLE. ANY CORRECTED WORK SHALL ATERIAL SHALL BE REPLACED IMME 'OR THE LOSS OF ANY PLANT MATERI NY OTHER NATURAL DISASTER, OR / CONSTRUCTION PLAN.	A LANDSCAPING, THE EXISTING LANDSCAPING IS AS CALLED OUT ON THE PLANS AS GRAVEL. EOTEXTILE) INSTALLED BENEATH IT. ALL TREES ARGENTINE BAHIA, ALL SOD SHALL BE ROLLED RELATED ACTIVITIES, REPLACE WITH SAME. PLANT LIST AND THE ACTUAL QUANTITY OF RE THE RESPONSIBILITY OF THE CONTRACTOR. OF THE LANDSCAPE PLAN AS SHOWN ON THE E DIFFERENCES, STANDING WATER, SOIL DUGHT TO THE ATTENTION OF THE OWNERS STALLED LOCATION WILL BE PERMITTED ECT. NER GROWN AND THE SIZE SHOWN SHALL IT SPECIFIED SIZE SHALL GOVERN OVER THE THE PLANT SPECIES SPECIFIED. IF SOIL LL NOTIFY LANDSCAPE ARCHITECT AND PROPER TION. ADDITIONALLY, IF PRESENT, THE FROM PLANTING BEOS. IF DEBRIS IS BLE SOIL. LASTLY, ALL FILL TO BE PLACED IN JRE, AND BE FREE OF ROCKS AND DEBRIS. EDS, STONES OVER 1' IN DIAMETER, CLAY, HARD TERIAL WHICH MAY BE HARMFUL FOR GROWTH IS FROM PLANTING AREAS PRIOR TO THE LL BE RESPONSIBLE TO KEEP BEDS FREE OF IN SHALL FINE GRADE ALL AREAS TO BE PLANTED R SHALL FINE GRADE ALL AREAS TO BE PLANTED IS FROM PLANTING AREAS PRIOR TO THE LL BE RESPONSIBLE TO KEEP BEDS FREE OF IN SHALL STRAIGHTEN, REPAR, AND/OR IN STE, AT THEIR OWN EXPENSE. TO ALL TREE, SHRUB, AND GROUNDCOVER A. INSTRLATION, TO REJECT ANY AND ALL PLANT UREMENTS OF THESE SPECIFICATIONS. IN STALLATION, TO REJECT ANY AND ALL PLANT UREMENTS OF THESE SPECIFICATIONS. IN STALLATION, TO REJECT ANY AND ALL PLANT UREMENTS OF THESE SPECIFICATIONS. INSTALLATION, TO REJECT ANY AND ALL PLANT UREMENTS OF THESE SPECIFICATIONS. IN ALL TREE, SHRUB, AND GROUNDCOVER A. INTERRUPT EXISTING OR PROPOSED DRAINAGE INSTALLATION, TO REJECT ANY AND ALL PLANT UREMENTS OF THESE SPECIFICATIONS. IS DATE TO INCLUDE A WALK-THROUGH AND TABLE SHALL BE CORRECTED IMMEDIATELY AND INFERENCES SHALL INCLUDE WATERING, PRUNING, HER CARE NECESSARY IN ORDER TO MAINTAIN IN (1) CALENDAR YEAR STARTING FROM THE L HAVE A PROPORTIONAL EXTENSION OF DATELY. THE LANDSCAPE CONTRACTOR SHALL AL CAUSED BY FLOODING, FIRE, FREEZING ANY LOSS/DAMAGE CAUSED BY VANDALISM OR	TO	TURE AREA	Image: Constraint of the sector of the se	PROVIDED         PROVIDED         S'         YES         1         YES         1         YES         YES        <

TURF WHICH DOES NOT MEET THE ABOVE SPECIFICATIONS AT TIME OF FINAL INSPECTION AND/OR TURNOVER.









# **GENERAL NOTES**

- CONTRACTOR IS RESPONSIBLE FOR ALL APPLICABLE PERMITS REQUIRED TO INSTALL THE IRRIGATION SYSTEM. CONTRACTOR TO COORDINATE WITH THE OWNER TO OBTAIN ANY ADDITIONAL REQUIRED INFORMATION.
- ALL SLEEVES SHALL BE INSTALLED SUCH THAT THE TOP OF THE SLEEVE SHALL BE A MINIMUM OF 18" BELOW THE BOTTOM OF THE PAVED SURFACE ABOVE. CONTRACTOR SHALL VERIFY MAIN LINE AND LATERAL SIZES PRIOR TO SLEEVE INSTALLATION. SEE DETAIL.
- CONTRACTOR TO INSTALL 14-1 UF DIRECT BURIAL CONTROL WIRE TO CONNECT THE EXISTING BATTERY OPERATED VALVES INTO THE ADJACENT CONTROLLER. EACH CONNECTION SHALL CONTAIN ONE CONTROL WIRE (BLUE) FOR EACH VALVE AND ONE COMMON WIRE (YELLOW). COMMON WIRES MAY BE SHARED BETWEEN ADJACENT VALVES. CONTROL WIRE SHALL BE BURIED TO A MINIMUM DEPTH OF 12" AND SHALL NOT BE ROUTED THROUGH LANDSCAPE AREAS UNLESS IT IS SLEEVED. CONTROL WIRE SHALL BE BURIED WITH CAUTION TAPE INSTALLED 4" - 6" DIRECTLY ABOVE. CAUTION TAPE TO BE APPROVED FOR DIRECT BURIAL.
- 4. 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.
- ALL POP-UP ROTOR AND SPRAY HEADS SHALL BE INSTALLED USING AN 18" PVC FLEX PIPE CONNECTION. CONTRACTOR SHALL NOT USE FUNNY PIPE
- 6. PIPE SIZES SHALL CONFORM TO THOSE SHOWN ON THE DRAWINGS. THE SMALLEST LATERAL PIPE SIZE TO A SINGLE SPRAY OR ROTOR HEAD SHALL BE 3/4".
- ALL REMOTE CONTROL VALVES, GATE VALVES AND QUICK COUPLERS SHALL BE INSTALLED IN VALVE BOXES. ALL VALVE BOXES SHALL BE INSTALLED TO PROVIDE A NEAT AND ORDERED APPEARANCE. VALVE BOXES INSTALLED ADJACENT TO EACH OTHER SHALL BE ORIENTED IN THE SAME DIRECTION AND SHALL BE EVENLY SPACED.
- CONTROL WIRE SHALL BE 14-1 UF DIRECT BURIAL, COLORED RED FOR CONTROL WIRES AND WHITE FOR COMMON WIRES (UNLESS OTHERWISE INDICATED IN THE SPECIFICATIONS). NO CROSS CONNECTION BETWEEN CONTROLLERS SHALL BE ALLOWED. WIRE SPLICES SHALL BE MADE ONLY IN VALVE BOXES USING RAIN BIRD DB WIRE CONNECTORS.
- 9. IT IS THE RESPONSIBILITY OF ALL SITE CONTRACTORS TO FAMILIARIZE THEMSELVES WITH, AND EXERCISE CARE SO AS TO NOT DAMAGE ANY EXISTING IRRIGATION COMPONENTS (TO REMAIN), BERMS, WALLS, STRUCTURES, PLANT MATERIALS AND UTILITIES. ANY CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIR OR REPLACEMENT OF ALL ITEMS DAMAGED BY HIS WORK E SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF SLEEVES AND PIPING THROUGH WALLS. UNDER ROADWAYS AND PAVING. ETC.
- 10. DO NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE SYSTEM DESIGN. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS.
- 11. FINAL LOCATION OF THE AUTOMATIC CONTROLLER(S) SHALL BE APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR COORDINATING POWER SUPPLY TO THE CONTROLLER LOCATION.
- 12. ELECTRICAL SERVICE TO ALL EQUIPMENT SHALL BE PROVIDED TO A JUNCTION BOX AT THE EQUIPMENT LOCATION. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL CONNECTION FROM THE JUNCTION BOX TO ALL EQUIPMENT.
- 13. THE IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS AND VALVES TO PROVIDE OPTIMUM COVERAGE WITH MINIMAL OVERSPRAY ONTO WALKS, STREETS, WALLS, ETC. IN ORDER TO ACCOMPLISH THIS, THE CONTRACTOR MAY SUBSTITUTE VARIABLE ARC NOZZLES IN PLACE OF THE SPECIFIED FIXED ARC NOZZLES WHERE NECESSARY.
- 14. THE CONTRACTOR SHALL COMPLETE ALL WORK IN ACCORDANCE WITH ALL PREVAILING LAWS, CODES AND REGULATIONS. 15. ALL SPRINKLER EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURER'S
- RECOMMENDATIONS AND SPECIFICATIONS.
- 16. THE CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING. THE AS-BUILT DRAWING SHALL LOCATE ALL CONTROLLERS, WELLS, MAINLINE ROUTE AND VALVES BY SHOWING EXACT MEASUREMENTS FROM HARD SURFACES. HEADS TO BE SHOWN IN THEIR GENERAL LOCATION
- 17. ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST ALL DEFECTS IN EQUIPMENT AND WORKMANSHIP. 18. CONTRACTOR SHALL INSTALL GROUNDING AT EACH CONTROLLER LOCATION. CONTRACTOR TO FOLLOW ALL RAIN BIRD
- REQUIREMENTS AND AMERICAN SOCIETY OF IRRIGATION CONSULTANTS (ASIC) EARTH GROUNDING ELECTRONIC EQUIPMENT IN IRRIGATION SYSTEMS DESIGN GUIDE (DATED JANUARY 2, 2002) AND LOCAL CODE TO ENSURE THE SYSTEM IS GROUNDED PER SPECIFICATIONS. IT IS THE SOLE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO PROPERLY GROUND THE SYSTEM. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THIRD PARTY VERIFICATION/CERTIFICATION INDICATING THE ENTIRE SYSTEM IS GROUNDED TO MEET SPECIFICATIONS.



# LEGEND

8025

Δ

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(C)

 $(\mathsf{M})$ 

ZONE NUMBER

VALVE SIZE DR = DRIP



RAIN BIRD XCZ-150-COM CONTROL ZONE KIT. INSTALL VALVE IN A RAIN BIRD VB-STD VALVE BOX. CONNECT WITH RAIN BIRD DB WIRE CONNECTORS AND. SEE GENERAL NOTE #18 FOR GROUNDING INFORMATION INDICATE ZONE NUMBER ON VALVE BOX LID.

ZONE TAG SCHEDULE 40 PVC MAINLINE - 2 1/2"

CLASS 160 PVC LATERAL LINE- SIZE AS SHOWN UNTIL A SMALLER SIZE IS SHOWN. (3/4" MIN.)

RAIN BIRD ESP-12LXME MODULAR CONTROLLER. INSTALL WITH A RAIN BIRD WR2-RFC RAIN/FREEZE SENSOR. GROUND WITH A 8' MINIMUM COPPER CLAD

1 1/2" RECLAIMED WATER METER. CONTRACTOR TO CONNECT TO EXISTING WATER SOURCE AND VERIFY A MINIMUM OF 32 GPM AND 55 'STATIC' PSI. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF FILED CONDITIONS ARE DIFFERENT.

ROD. SLEEVE TO AS REQUIRED.



3/4" ON ROTOR HEADS. MINIMUM 18" LENGTH - PVC TEE (OR ELL) SxSxS

ON SPRAY HEADS AND

A ....

PVC FLEX PIPE. USE 1/2"

SCHEDULE 40 PVC SLEEVE. CONTRACTOR TO CONFIRM SLEEVE SIZES. SLEEVES SHALL BE TWO SIZES LARGER THAN LATERAL. SLEEVE UNDER ALL SIDEWALKS AND PAVEMENT, NO TUNNELING/JETTING CONTROL WIRE SLEEVES SHALL BE 2". SEE GENERAL NOTE #2.

RAIN BIRD 1402 FULL CIRCLE BUBBLER HEAD. EACH SYMBOL REPRESENTS TWO BUBBLERS. RAIN BIRD PEB SERIES ELECTRIC CONTROL VALVE. INSTALL VALVE IN A RAIN BIRD VB-STD VALVE BOX. CONNECT WITH RAIN BIRD DB WIRE CONNECTORS. SEE

BARBED TUBING STAKES SHALL BE USED. EACH ZONE INSTALL ALL DRIPLINE PER RAIN BIRD SPECIFICATIONS

GRADE. RAIN BIRD COMPRESSION FITTINGS AND

RAIN BIRD XFS-09-12 DRIPLINE INSTALLED AT 12" O.C. WITH EMITTERS IN A TRIANGULAR PATTERN 1" BELOW

SHALL HAVE A MIN. OF ONE FLUSH VALVE, ONE AIR RELIEF VALVE, AND ONE OPERATION INDICATOR.

ANGLE NOZZLES. SYMBOL INDICATES RADIUS FIXED ANGLE NOZZLES MAY BE USED WHERE APPROPRIATE

RAIN BIRD 1806-PRS 6" POP-UP HEAD WITH VARIABLE

*\_\_\_\_\_* 

I) PAVINO 2) DITCH 3) SLEEVES 4) PVC CAP (TYPICAL) 🚽 18" MIN 😽

MANIFOLD CONNECTION (PVC TO ELL) AREA PERIMETEE PVC FLUSH MANIFOLI – PVC SUPPLY MANIFOL MANIFOLD CONNECTION (PVC TO TEE) REMOTE CONTROL VALVE REGULATOR DRIPLINE LATERAL AIR RELIEF LATERA BLANK DRIPLINE (CENTERED ON MOUND OR BERM) - AIR/VACUUM RELIE VALVE (PLUMBED DRIPLINE AT EACH HIGH POINT) - PERIMETER LATERALS 2" TO 4" FROM EDGE DRIPLINE ZONE













APPARATUS BAY EF-4 SEQUENCE OF OPERATION: GENERAL - EXHAUST FAN SHALL HAVE A UNITARY CONTROLLER THAT PROVIDE CONTROLS TO MEET THE FOLLOWING SEQUENCE OF OPERATION:

THE FAN SHALL ACTIVATE ON AN INCREASE IN SPACE TEMPERATURE ABOVE SETPOINT. FAN SHALL OPERATE AT MINIMUM SPEED AND VFD SHALL INCREASE FAN SPEED TO MAINTAIN SPACE TEMPERATURE. THE VFD SHALL INCREASE OR REDUCE SPEED INCREMENTS OF 10% SPEED EVERY 5 MINUTES UNTIL SPACE TEMPERATURE IS SATISFIED. MOTORIZED DAMPERS:

THE EXHAUST AIR DAMPER AND (2)INTAKE DAMPERS SHALL OPEN PRIOR TO FAN ACTIVATION. <u>F-1 / EDH-1</u>: FAN SHALL SHALL BE ON A 24/7 SCHEDULE (ADJUSTABLE) TO MAINTAIN SPACE EMPERATURE. MOTOR OPERATED DAMPER SHALL OPEN PRIOR TO FAN OPERATION. ON A CONTINUED DROP IN SPACE TEMPERATURE BELOW HEAT SETPOINT, THE ELECTRIC DUCT HEATER EDH-1 SHALL BE ACTIVATED AND MODULATE TO MAINTAIN HEAT SETPOINT.





NOTE: PROVIDE GRAPHICS AND CONTROL PROGRAMMING AS REQUIRED, TO DEPICT AND CONTROL NEW HVAC SYSTEMS PER SEQUENCES OF OPERATION. NEW GRAPHICS DEPICTING HVAC SYSTEMS SHALL INCLUDE INPUTS, OUTPUTS, FAULTS, SCHEDULING AND OTHER CONTROLS THAT ALLOW FOR FULL COMMUNICATION OF THE SYSTEMS. PROVIDE MONITORING OF HGR SYSTEM (AHU-2) AS ALLOWED FROM INTEGRAL AHU-2 CONTROLLER PROVIDED BY MANUFACTURER.

# **BMS SYSTEM ARCHITECURE**



- DAMPER, INLET AIR VELOCITY SENSING DEVICE, ELEC.HEATING COIL AND UNIT MOUNTED DDC CONTROLLER. UNITS ARE VARIABLE AIR VOLUME DELIVERY WITH MINIMUM AIRFLOW SETPOINTS. ALL CONTROL WIRING CONNCECTIONS BY CONTROLS CONTRACTOR.
- MAINTAIN SPACE TEMPERATURE. AS SPACE TEMPERATURE DROPS TO THE SET POINT, THE INLET AIR DAMPER SHALL SPACE TEMPERATURE CONTINUES TO DROP THE ELECTRIC HEATER SHALL STAGE ON TO MAINTAIN THE HEATING SET POINT. A 5°F DEADBAND BETWEEN HEATING AND COOLING SHALL BE MAINTAINED. COORDINATE MAX. & MIN. AIRFLOW







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### **GREASE INTERCEPTOR SCHEDULE**

MARK/UNIT	
MANUFACTURER	OLD
MODEL NUMBER	#4'-0X6'-6"X5-0""
DESCRIPTION	CONSTRUCTED C TO 5 FE
GREASE CAPACITY	
SIZE	

NOTE: CONTRACTOR MAY SUBMIT AN APPROVED EQUIVALENT MANUFACTURER

# **GREASE INTERCEPTOR CALCULATIONS**

SIZING: PER CHAPTER 64E-6 OF THE FLORIDA ADMINISTRATIVE CODE: INTERCEPTOR SIZE = M x GM x LF, WHERE

M = MEALS PER DAY = 8 PEOPLE x 3 MEALS PER PERSON x 2 SHIFTS PER DAY = 48 MEALS PER DAY GM = GALLONS PER MEAL = 5 GALLONS PER MEAL (MANDATED BY 64E-6) LF = LOADING FACTOR = 1.00, WITH DISHWASHING (MANDATED BY 64E-6)

MINIMUM INTERCEPTOR SIZE = 48 x 5 x 1.00 = 240 GALLONS MINIMUM INTERCEPTOR SIZE = 750 GALLONS (MANDATED BY 64E-6)

INTERCEPTOR SIZE SELECTED = 750 GALLONS

SOLIDS INTE	SOLIDS INTERCEPTOR SCHEDULE						
MARK/UNIT	SI-1						
MANUFACTURER	ZURN						
MODEL NUMBER	#SMC50						
INLET/OUTLET SIZE	4"						
VOLUME	50 GALLONS						
SIZE	62" X 32" X 24"						
NOTE: CONTRACTOR MAY SUBMIT	AN APPROVED EQUIVALENT MANUFACTURER						
LINT INTERCEPTOR SCHEDULE							
	11.1						

	NCEPTON SCHEDULE
MARK/UNIT	LI-1
MANUFACTURER	ZURN
MODEL NUMBER	#Z1185
INLET/OUTLET SIZE	3"
FLOW RATE	70 GPM
SIZE	25" X 25" X 20"
NOTE: CONTRACTOR MAY SUBMIT	AN APPROVED EQUIVALENT MANUFACTURER
$\cdots \cdots $	$\cdots$
IL WATER S	EPARATOR SCHEDULE
MARK/UNIT	OWS-1
MANUFACTURER	STRIEM
MODEL NUMBER	#OS-100
DESCRIPTION	CONSTRUCTED OF SEAMLESS, ROTATIONALLY-MOLDED POLYETHYLENE WITH 16,000 LB LOAD RATED COVERS.
CAPACITY	250 GALLONS
SIZE	68" X 33" X 51 1/2"
TE: CONTRACTOR MAY SUBMIT AN	N APPROVED EQUIVALENT MANUFACTURER

MARK/UNIT	LI-1
MANUFACTURER	ZURN
MODEL NUMBER	#Z1185
INLET/OUTLET SIZE	3"
FLOW RATE	70 GPM
SIZE	25" X 25" X 20"
OIL WATER	BMIT AN APPROVED EQUIVALENT MANUFACTURER SEPARATOR SCHEDULI
OIL WATER MARK/UNIT	BMIT AN APPROVED EQUIVALENT MANUFACTURER SEPARATOR SCHEDULI OWS-1
OIL WATER MARK/UNIT MANUFACTURER	BMIT AN APPROVED EQUIVALENT MANUFACTURER  SEPARATOR SCHEDULI OWS-1 STRIEM
NOTE: CONTRACTOR MAY SU OIL WATER MARK/UNIT MANUFACTURER MODEL NUMBER	BMIT AN APPROVED EQUIVALENT MANUFACTURER  SEPARATOR SCHEDULI OWS-1 STRIEM #OS-100
OIL WATER MARK/UNIT MANUFACTURER MODEL NUMBER DESCRIPTION	BMIT AN APPROVED EQUIVALENT MANUFACTURER    SEPARATOR SCHEDULI  OWS-1  OWS-1  CONSTRUCTED OF SEAMLESS, ROTATIONALLY-MOLDED POLYETHYLENE WITH 16,000 LB LOAD RATED COVERS.
OIL WATER MARK/UNIT MANUFACTURER MODEL NUMBER DESCRIPTION CAPACITY	BMIT AN APPROVED EQUIVALENT MANUFACTURER
OIL WATER MARK/UNIT MANUFACTURER MODEL NUMBER DESCRIPTION CAPACITY SIZE	BMIT AN APPROVED EQUIVALENT MANUFACTURER

GI-1 DCASTLE PRECAST " MONO BOTTOM W/SLAB TOP OF CONCRETE DESIGNED FOR 0 EET OF EARTH COVER. 750 GALLONS 48" X 78" X 60"

		CLEANC	<b>UT SCHEDU</b>	LE			P	LU	MB	NG	FIXTURE SCHEDULE	
MARK	APPLIC	ATION		MANUFACTURER	MARK	FIXTURE	SOIL/ WASTE	VENT	COLD WATER	HOT	R DESCRIPTION	
		ELOODS		6000 1· ZI IDN #ZN 1400	EWC-1	ELECTRIC WATER COOLER	1-1/2"	2"	1/2"	-	ELKAY #LZSTL8WSLK, ADA COOLER & BOTTLE FILLING STATION, BI-LEVEL, WALL HUNG.	
			J.R. SMITH #4035L, WADE #W								ELKAY #GECR3321, 33" X 21-1/4" X 5-3/8" DOUBLE COMPARTMENT, REAR DRAIN, 20	
FCO			J.R. SMITH #4113L, WADE #W	-0000-2, 20RN #2N-1400-FD	S-1	KITCHEN SINK	1-1/2"	2"	1/2"	1/2"	GAUGE STAINLESS STEEL. DELTA #141-SS-DST KITCHEN FAUCET SINGLE LEVEL, NO SPRAY, STAINLESS	
			LB SMITH #42301 : WADE #W 6000 7: 71 IDN #7 1400 HD		- 1						BRASS CRAFT, 1/4" ROUGH BRASS STOPS, PLASTIC ESCUTCHEONS, SUPPLIES,	
			J.R. SMITH #4239L; WADE #W	-0000-Z; ZURN #Z-1400-HD	┥┣──						JUST MANUFACTURING #SB-124, 14 GAUGE STAINLESS STEEL 24" X 24" X 12",	Cts
CO/ WCO		LINE CLEANOUTS J.R. SMITH #4472T; WADE #W-8590-E; A		-8590-E; ZURN #ZS-1468	-						SINGLE COMPARTMENT SINK, 2-HOLE PUNCH 8" CENTERS. CHICAGO FAUCETS 540-LD317WXFABCP, WALL MOUNTED 8" FIXED CENTERS SINK	1,100
500			J.R. SMITH #4532S; WADE #W	-8560-E; ZURN #Z-1446	-7. 7URN #7-1400-HD	SINK	1-1/2"	2"	1/2"	1/2	1/2" FAUCET, 4" VANDAL PROOF WRISTBLADE HANDLES. JUST MANUFACTURING #J-35 TYPE 304 STAINLESS STEEL STRAINER AND	Arching 1
ECO	OUTSIDE	AREAS	J.R. SMITH #4239L; WADE #W	/-6000-Z; ZURN #Z-1400-HD							CHROME PLATED BRASS TAILPIECE. MCGUIRE #1000WC OFFSET GRID STRAINER AND #MCT150075ZN P-TRAP.	river sign
NOTES: 1. INSTALL ECO IN 2. PROVIDE ALL CI WHEN CLEANON OF THE SPECIFI 3. PROVIDE LINE 8	24"x24"x4" THICK CON EANOUTS WITH WIDE JTS ARE LOCATED IN N CATIONS. STACK TYPE WALL CL	CRETE PAD. TOP OF F ANCHOR FLANGE & ( ION-MEMBRANE FLO) EANOUTS WITH ACC	PAD ELEVATION TO BE 2" ABOVE CLAMPING DEVICE. ATTACH CLEA DRS, THEY SHALL BE FLASHED IN ESS COVERS	FINISHED GRADE. NOUTS TO MEMBRANE IN FLOOR. I COMPLIANCE WITH SECTION 15140	L-1	LAVATORY - ADA	1-1/2"	2"	1/2"	1/2"	AMERICAN STANDARD #0356.015, VITREOUS CHINA WALL HUNG LAVATORY, FRONT OVERFLOW, D-SHAPED BOWL, SELF DRAINING DECK AREA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS. CHICAGO FAUCETS #3300-CP, METERMIX DECK MOUNTED FITTING, 4-3/4" INTEGRAL CAST SPOUT, VANDAL RESISTANT, METAL HANDLE WITH INTEGRAL TEMPERATURE CONTROL, 0.5 GPM. BRASS CRAFT, 1/4" ROUGH BRASS STOPS, PLASTIC ESCUTCHEONS, SUPPLIES, TRAPS AND DISPOSAL WASTE. PROWRAP: MCOUIRE #PW2125_INCLUDES PRE-WRAPPED 1-1/4" CAST BRASS J.	Architects and Planners I.S.K. Reeves V, F.A.I.A. Jan A. Reeves, A.I.A.
	TRAP S		OTECTION S	CHEDULE	]						BEND, PRE-WRAPPED 1-1/4" X 8-1/2" WALL BEND (17GA), TAIL PIECE COVER, 2 SUPPLY COVERS, AND CHROME PLATED FLANGE.	Susan Gantt, A.I.A., LEED-AP 333 N. Knowles Ave.
<u>PIPE</u> <u>SIZE</u>	<u>PIPE</u> MATERIAL	INSTALLATION TYPE		MANUFACTURER	WC-1	WATER CLOSET- ADA	3"	2"	1"	-	TOILET: AMERICAN STANDARD #2854.128, "MADERA-FLOWISE", 1.28 GPF 16-1/2" HEIGHT BOWL AND MANUAL FLUSH VALVE, FLOOR MOUNTED. FOR ADA, INSTALL TOP OF SEAT AT 17" TO 19" FROM THE FINISHED FLOOR.	Winter Park, Florida 32789 P: (407) 647-1706 Corporate Registration
2"	PVC OR C.I.	F.D. OUTLET	J.R. SMITH #2692.02; PROSET	#TG22G; SURSEAL #SS2009							COVER, SOLID PLASTIC, CONCEALED CHECK STAINLESS STEEL HINGES.	Number: AAC001197
3"	PVC OR C.I.	F.D. OUTLET	J.R. SMITH #2692.03; PROSET	#TG33G; SURSEAL #SS3000							FAUCET: DELTA "PEERLESS" #PTR188700-WS VALVE WITH #PTT88760 TRIM	
4"	PVC OR C.I.	F.D. OUTLET	J.R. SMITH #2692.04; PROSET	#TG34G; SURSEAL #SS4009	SH-1	SHOWER - ADA	3"	2"	1/2"	1/2"	HOSE & VACUUM BREAKER, SHOWERHEAD: 2.0 GPM SHOWER DRAIN: OATEY 130 SERIES, PVC PLASTIC	
WATER HAMMER AR	RESTOR NOTES:				]						PROVIDE CHLORALOY #240 SHOWER PAN LINER.	
	E	LECTRIC	C WATER HE	ATER SCHEDULE	MS-1	MOP SINK	3"	2"	3/4"	3/4"	INTEGRALLY MOLDED SHELF 10-9/16" WIDE. STAINLESS STEEL FACTORY INSTALLED DRAIN BODY COMPLETE WITH A QDC-3 JOINT CONNECTOR FOR A 3" DRAIN PIPE. FIAT #830AA: HEAVY DUTY CAST BRASS WALLMOUNT SERVICE SINK FAUCET. FIAT #889CC: MOP BRACKET 24" X 3" WIDE, STAINLESS STEEL WITH THREE RUBBER	
	MARK	UNIT	EWH-1	EWH-2							GRIPS. FIAT #E-77-AA: VINYL BUMPER GUARDS IN 24" OR 36"	
	MANUFAG	CTURER	A.O. SMITH	A.O. SMITH		EMERGENCY EYE		0"	4 4 / 4 !!			
	MODEL N	IUMBER	DRE-52-9	DRE-52-6	EES-1	DRENCH SHOWER	3	2	1-1/4	-	BRADLEY #S19-310AC COMBINATION DRENCH SHOWER AND EYE/FACE WASH.	
	TYF	<b>PE</b> T <i>i</i>	ALL MODEL - ELECTRIC	TALL MODEL - ELECTRIC	NOTE: AN AP	: ALL FIXTURES SHALL PROVED EQUIVALENT	COMPLY MANUFA	WITH TAI CTURER.	BLE 604.4	OF THE	FLORIDA PLUMBING CODE FOR WATER CONSERVATION. CONTRACTOR MAY SUBMIT	
	САРА	СІТҮ	50 GALLONS	50 GALLONS								
	VOLT/PH/	ASE/HZ	208/3/60	208/3/60		P	PLU	MB	NG	EQ	UIPMENT SCHEDULE	
	KILOW	ATTS	9	6.0	MARK	FIXTURE	SOIL/ WASTE	VENT	COLD WATER	HOT WATEF	R DESCRIPTION	ORANGE COUNTY
		ER OF ENTS	3	3	FD-1	FLOOR DRAIN	3"	-	-	-	ZURN #ZN-415-6B, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH "TYPE B" POLISHED NICKEL BRONZE STRAINER WITH STAINLESS STEEL SCREWS.	FIRE STATION 87

<u>PIPE</u> SIZE	<u>PIPE</u> MATERIAL	INSTALLATION TYPE	MANUFACTURER
2"	PVC OR C.I.	F.D. OUTLET	J.R. SMITH #2692.02; PROSET #TG22G; SURSEAL #SS2009
3"	PVC OR C.I.	F.D. OUTLET	J.R. SMITH #2692.03; PROSET #TG33G; SURSEAL #SS3000
4"	PVC OR C.I.	F.D. OUTLET	J.R. SMITH #2692.04; PROSET #TG34G; SURSEAL #SS4009

NOTES:

<u>-/1</u>

MARK/UNIT	EWH-1	EWH-2
MANUFACTURER	A.O. SMITH	A.O. SMITH
MODEL NUMBER	DRE-52-9	DRE-52-6
TYPE	TALL MODEL - ELECTRIC	TALL MODEL - ELECTRIC
CAPACITY	50 GALLONS	50 GALLONS
VOLT/PHASE/HZ	208/3/60	208/3/60
KILOWATTS	9	6.0
NUMBER OF ELEMENTS	3	3
RECOVERY @ 70 DEG. RISE	49 GPH	33 GPH
DIMENSIONS	55-3/4" TALL X 27" WIDE	55-3/4" TALL X 27" WIDE
WEIGHT (EMPTY)	260 POUNDS	260 POUNDS

1. PROVIDE ALL GAGES, THERMOSTATS, SHUT-OFF VALVES, EXPANSION TANK, AND TEMPERATURE AND PRESSURE RELIEF VALVE AS REQUIRED BY LOCAL CODES AND MANUFACTURERS RECOMMENDATIONS. 2. PROVIDE INVERTED HEAT TRAPS ON COLD AND HOT WATER CONNECTIONS. 3. CONTRACTOR MAY SUBMIT AN APPROVED EQUIVALENT MANUFACTURER.

CIRC	ULATOR PUMP	SCHEDULE					
MARK/UNIT	CP-1	CP-2					
MANUFACTURER	BELL & GOSSETT BELL & GOSSETT						
DESCRIPTION	MODEL #NRF-33	MODEL #NRF-9F/LW 1 3					
GPM	4						
HEAD FT.	7						
MOTOR	125 W/115 V/1 PH/60 HZ	41 W/115 V/1 PH/60 HZ					
RPM	<b>RPM</b> 2950 2800						
NOTE: CONTRACTOR MAY SUBMIT AN APPROVED EQUIVALENT MANUFACTURER							

THERMOSTATIC MIXING				
MARK/UNIT	MV-1			
MANUFACTURER	BRADLEY			
MODEL NUMBER	#S59-3045			
MAX OPERATING PRESSURE	125 PSI			
MAX INLET TEMPERATURE	140 DEGREES			
OUTLET TEMPERATURE	110 DEGREES			
FLOW RATE	20 GPM			
NOTE: CONTRACTOR MAY SUBN	/IT AN APPROVED EQUIVALEN			

This item has been electronically signed and sealed by John Stellpflug, P.E. using a Digital Signature. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be

С	R-1 CONDENSA RECEPTOR	TE 3" R	-	-	-	ZURN #Z-415I-V, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, BACKWATER VALVE, COMBINATION INVERTIBLE MEMBRANE CLAMP, POLISHED NICKEL BRONZE STRAINER WITH RAISED FLANGE. INSTALL PER MANUFACTURER RECOMMENDATIONS.
		WATE	R F	AM	ME	R ARRESTOR SCHEDULE
	<u>PIPE</u> <u>SIZE</u>	<u>PDI</u> SIZE		<u>FIXTU</u> <u>RA</u>	<u>re unit</u> Nge	MANUFACTURER
	1/2"	A		1	-11	PPP #SC-500A; WILKINS #1250-A; WATTS #SG-050
	3/4"	В		12	2-32	PPP #SC-750B; WILKINS #1250-B; WATTS #SG-075
	1"	С		33	3-60	PPP #SC-1000C; WILKINS #1250-C; WATTS #SG-100
	1-1/4"	D		61-113		PPP #SC-1250D; WILKINS #1250-D; WATTS #SG-125
	1-1/2"	E		114-154		PPP #SC-1500E; WILKINS #1250-E; WATTS #SG-150
	2"	F		155-330		PPP #SC-2000F; WILKINS #1250-F; WATTS #SG-200
		-				

WATER HAMMER ARRESTOR NOTES: 1. AIR CHAMBERS ARE NOT AN ACCEPTABLE EQUAL TO WATER HAMMER ARRESTORS AND SHALL NOT BE INSTALLED

FD-1	FLOOR DRAIN	3"	-	-	-	"TYPE B" POLISHED NICKEL BRONZE STRAINER WITH STAINLESS STEEL SCREWS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
FD-2	FLOOR DRAIN	4"	-	-	-	ZURN #ZN-415-6B-HD, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, HEAVY DUTY SLOTTED GRATE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
HB-1	HOSE BIBB	-	-	3/4"	-	WOODFORD #24, ANTI-SIPHON, VACUUM BREAKER, DESIGNED FOR MILD CLIMATE AREAS. ASSE STANDARD 1011 APPROVED, FURNISHED WITH POLYCARBONATE WHEEL HANDLE AND LOSE TEE KEY. ALUMINUM, BRASS OR CHROME BOX.
IMB-1	ICE MAKER BOX	-	-	1/2"	-	OATEY # 39143, HIGH IMPACT PLASTIC ICE MAKER BOX, 8 3/4" X 7 1/2" O.A. CPVC VALVE. MOUNTS HAMMER ARRESTORS.
WB-1	WASHER BOX	2"	2"	1/2"	1/2"	OATEY # 38748, RECESSED 9" X 8" X 3" HIGH IMPACT PLASTIC WASHER BOX W/2" OFFSET DRAIN, 1/4" TURN VALVES, MOUNTED WATER HAMMER ARRESTORS AND 12" X 11" FACE PLATE FRAME. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
CR-1	CONDENSATE RECEPTOR	3"	-	-	-	ZURN #Z-415I-V, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, BACKWATER VALVE, COMBINATION INVERTIBLE MEMBRANE CLAMP, POLISHED NICKEL BRONZE STRAINER WITH RAISED FLANGE. INSTALL PER MANUFACTURER'S

2. SIZE PER MANUFACTURER'S RECOMMENDATIONS





FIRE RESCUE **BID AND PERMIT** SET The architect hereby expressly reserves his

ORANGE COUNTY

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# PLUMBING SCHEDULES

- scale: 12" = 1'-0"
- drawn: FB
- checked: JSS
- approved: **JS**
- date: 06/12/19
- project no.
- 963
- sheet number:

P-701