### GENERAL NOTES:

THIS SURVEY WAS PREPARED AS AN AS-BUILT SURVEY.

AS-BUILT INFORMATION IS SHOWN IN RED.

ALL UNDERGROUND AS—BUILT INFORMATION WAS FLAGGED IN THE FIELD AND PROVIDED BY THE CONTRACTOR.

SURVEY CONTROL POINTS WERE PROVIDED BY THE CLIENT IN CONSTRUCTION PLANS AND CAD FILES PREPARED BY: LAKE COUNTY DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION, DATED: MAY, 2024.

COORDINATES, STATIONS, OFFSETS AND ELEVATIONS ARE BASED ON CONSTRUCTION CONTROL DATUM PROVIDED IN SAID PLANS.

LAST DATE OF FIELD WORK: JUNE 17, 2025.

### AS-BUILT NOTES:

ELEVATIONS SHOWN HEREON BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

COORDINATES SHOWN HEREON BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83), FLORIDA STATE PLANE COORDINATES, EAST ZONE, U.S. FEET.

### SHEET INDEX

SHEET NO.	SHEET DESCRIPTION
LANDSCAPE PLANS	
L0-0	COVER SHEET
L1-0	LANDSCAPE NOTES
L2-0	LANDSCAPE PLAN
L2-1	PLANT SCHEDULE & DETAILS
L2-2	LANDSCAPE DETAILS
L2-3	LANDSCAPE DETAILS
IRRIGATION PLANS	
LI2-0	IRRIGATION PLAN
LI2-1	IRRIGATION DETAILS
LI2-2	IRRIGATION DETAILS
LIGHTING PLANS	
LD0-0	LEGEND & SCHEDULE
LD2-1 to LD2-4	SITE PLAN AREA 1 TO 4
LD6-0	DETAILS

### SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, THAT THIS MAP OF AS-BUILT SURVEY IS A TRUE REPRESENTATION OF A FIELD SURVEY MADE UNDER MY DIRECTION AND CONFORMS TO THE STANDARDS OF PRACTICE FOR PROFESSIONAL SURVEYORS AND MAPPERS AS OUTLINED IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE.

DATE

ERIC E. BANTA
PROFESSIONAL LAND SURVEYOR
FLORIDA LICENSE NO. LS 5696

### NOTICE:

ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.

### SAWGRASS BAY BLVD MULTILANE ROUNDABOUT

### LANDSCAPE / IRRIGATION / LIGHTING 100% CONSTRUCTION DOCUMENTS

PROJECT NO. 240004 MAY 2024



### **AS-BUILT SURVEY**

### AS-BUILT LEGEND LS LICENSED SURVEYOR LB LICENSED BUSINESS **NORTHING** EASTING **ELEVATION** STATION LTLEFT OF BASELINE RTRIGHT OF BASELINE $\bigcirc$ LIGHT POLE IRRIGATION BOX IRRIGATION LINE

### FOR REVIEW ONLY

Digitally signed by Todd M McCurdy

STATE OF Date:

2024.05.30

11:21:54

-04'00'



VICINITY MAP SEC. 24, TWP. 24 S, RNG. 26 E



L0-0

### **GENERAL NOTES**

- THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE PROJECT SITE PRIOR TO BIDDING THE WORK. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND LOCATION OF PROPOSED IMPROVEMENTS PRIOR TO INITIATING ANY CONSTRUCTION.
- LOCATION OF ALL UTILITIES AND BASE INFORMATION IS APPROXIMATE. CONTRACTOR SHALL
  VERIFY ALL UNDERGROUND UTILITIES AND OBSTRUCTIONS PRIOR TO INITIATING WORK.
  CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO
  EXISTING ELEMENTS ABOVE OR BELOW GROUND TO ITS ORIGINAL CONDITION AND TO THE
  SATISFACTION OF THE OWNER'S REPRESENTATIVE.
- THE OWNER'S REPRESENTATIVE SHALL HAVE THE RIGHT, AT ANY STAGE OF THE OPERATIONS, TO REJECT ANY AND ALL WORK AND MATERIAL WHICH, IN HIS OPINION, DO NOT MEET WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS.
- 4. CONTRACTOR SHALL VERIFY ALL GRADES, DIMENSIONS, AND EXISTING CONDITIONS ON THE JOB SITE PRIOR TO START OF CONSTRUCTION AND/OR FABRICATION. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS.
- 5. REPORT ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND FIELD CONDITIONS TO THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES DURING CONSTRUCTION
  OPERATIONS TO PROTECT THE PUBLIC ACCORDING TO ALL APPLICABLE CODES AND RECOGNIZED
  LOCAL PRACTICES.
- 7. THE CONTRACTOR SHALL COORDINATE ACCESS AND STAGING AREAS WITH THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING EROSION AND SEDIMENTATION CONTROL MEASURES DURING CONSTRUCTION. PROVIDE ADDITIONAL MEASURES AS NECESSARY TO MINIMIZE ADVERSE IMPACTS IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
- 8. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN CONSENT OF THE OWNER'S REPRESENTATIVE. DURING THE COURSE OF THIS WORK, EXCESS WASTE MATERIAL SHALL BE REMOVED DAILY FROM THE SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATION OF WORK WITH OTHER TRADES AND THE OWNER'S REPRESENTATIVE.
- 10. THE CONTRACTOR SHALL NOTIFY ALL NECESSARY UTILITY COMPANIES 48 HRS MINIMUM PRIOR TO DIGGING FOR FIELD VERIFICATION OF ALL UNDERGROUND UTILITIES. UTILITY LOCATING SHALL BE SCHEDULED BY THE CONTRACTOR WITH OWNER'S REPRESENTATIVE PRESENT.
- 11. UTILITIES TO BE LOCATED BY FLAGGING ONLY; PAINTING OF HARDSCAPE AREAS IS PROHIBITED. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITY LOCATING COMPANIES OF THIS REQUIREMENT.
- 12. ALL EXISTING SITE ROADS, PARKING LOTS, CURBS, UTILITIES, SEWERS, AND OTHER ELEMENTS TO REMAIN SHALL BE FULLY PROTECTED FROM ANY DAMAGE UNLESS OTHERWISE NOTED.
- 13. NOT ALL ITEMS SHOWN ON THIS SHEET APPEAR IN THE CONSTRUCTION DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS RELATED TO CONSTRUCTION INCLUDING, BUT NOT LIMITED TO: BUILDING, LANDSCAPE, IRRIGATION AND RIGHT-OF-WAY UTILIZATION PERMITS.

### LANDSCAPE NOTES

- 1. THE CONTRACTOR SHALL REVIEW PLANS TO BECOME THOROUGHLY FAMILIAR WITH SURFACE AND SUBSURFACE UTILITIES.
- 2. THE PLANT QUANTITIES SHOWN ON THE LANDSCAPE CONTRACT DOCUMENTS ARE FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND REPORTING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT FOR CLARIFICATION PRIOR TO CONTRACT AWARD AND COMMENCEMENT OF WORK.
- ALL INSTALLATION OF PLANT MATERIAL SHALL COMPLY WITH APPLICABLE JURISDICTIONAL CODES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS ASSOCIATED WITH THIS WORK.

### FOR REVIEW ONLY

- 4. PRIOR TO PLANTING INSTALLATION, THE CONTRACTOR SHALL CONFIRM THE AVAILABILITY OF ALL THE SPECIFIED PLANT MATERIALS. SUBMIT DATED PHOTOGRAPHS OF ALL TREE MATERIAL AND SPECIMEN MATERIAL AS TO THE OWNER'S REPRESENTATIVE FOR REVIEW.
- 5. ALL PLANT MATERIAL SIZES SPECIFIED ARE MINIMUM SIZES. CONTAINER SIZE SHALL BE INCREASED IF NECESSARY TO PROVIDE OVERALL PLANT SIZE SPECIFIED.
- 5. IF PLANT MATERIAL DOES NOT COMPLY WITH THE REQUIREMENTS AS SPECIFIED HEREIN, THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT SUCH PLANTS AND REQUIRE THE CONTRACTOR TO REPLACE REJECTED WORK AND CONTINUE SPECIFIED MAINTENANCE UNTIL RE-INSPECTED AND FOUND TO BE ACCEPTABLE.
- THE CONTRACTOR SHALL PROVIDE AN APPROVED PLANTING SOIL MIXTURE FOR ALL PLANT MATERIAL. SEE SPECIFICATIONS FOR REQUIREMENTS.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STABILITY AND PLUMB CONDITION OF ALL TREES AND SHRUBS, AND SHALL BE LEGALLY LIABLE FOR ANY DAMAGE CAUSED BY INSTABILITY OF ANY PLANT MATERIALS. STAKING OF TREES OR SHRUBS SHALL BE DONE IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL INSURE ADEQUATE VERTICAL DRAINAGE IN ALL PLANT BEDS AND PLANTERS. IF INADEQUATE VERTICAL DRAINAGE IS ENCOUNTERED, THE CONTRACTOR SHALL SUBMIT RECOMMENDATIONS FOR PROVIDING ADEQUATE DRAINAGE TO THE OWNER'S REPRESENTATIVE.
- 10. PEG SOD ON SLOPES GREATER THAN 3:1.
- 11. CONTRACTOR SHALL PROTECT EXISTING VEGETATION TO REMAIN AS SHOWN ON DRAWINGS OR BY MEANS APPROVED BY THE OWNER'S REPRESENTATIVE.
- CONTRACTOR TO CLEAN, PRUNE, AND SHAPE EDGES OF EXISTING VEGETATION AS DIRECTED BY OWNER'S REPRESENTATIVE. CREATE SMOOTH BED LINES AROUND EXISTING VEGETATION.
- 13. THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK. SEE SPECIFICATIONS FOR ADDITIONAL TESTING REQUIREMENTS.
- 14. CONTRACTOR SHALL FIELD-ADJUST LOCATION OF PLANT MATERIAL PRIOR TO INITIATING INSTALLATION FOR THE REVIEW AND APPROVAL OF THE OWNER'S REPRESENTATIVE.
- 15. ALL PLANT MATERIAL SHALL BE IN FULL AND STRICT ACCORDANCE WITH FLORIDA NO. 1 GRADE, ACCORDING TO THE "GRADES AND STANDARDS FOR NURSERY PLANTS" PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.
- 16. ALL PLANTING BEDS SHALL BE TOP-DRESSED WITH A 3" LAYER OF MULCH AS SPECIFIED.
- 17. CONTRACTOR SHALL COORDINATE ALL PLANTING WORK WITH IRRIGATION WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HAND WATERING AS REQUIRED TO SUPPLEMENT IRRIGATION WATERING AND RAINFALL.
- 18. CONTRACTOR SHALL BE RESPONSIBLE FOR HAND WATERING IN ALL PLANTING AREAS, REGARDLESS OF THE STATUS OF EXISTING OR PROPOSED IRRIGATION.
- 9. CONTRACTOR SHALL RE-GRADE ALL AREAS DISTURBED BY PLANT REMOVAL, RELOCATION, AND/OR INSTALLATION WORK.
- CONTRACTOR SHALL REPLACE (BY EQUAL SIZE AND QUALITY) ANY AND ALL EXISTING PLANT MATERIAL DISTURBED OR DAMAGED BY PLANT REMOVAL, RELOCATION, AND/OR INSTALLATION WORK.
- 21. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN LANDSCAPE AND IRRIGATION FOR ONE YEAR AFTER COUNTY'S ACCEPTANCE. MAINTENANCE INCLUDES WATERING, PRUNING, WEEDING, MULCHING, REPLACEMENTS OF SICK OR DEAD PLANTS, AND ANY OTHER CARE NECESSARY FOR THE PROPER GROWTH OF THE PLANT MATERIAL.
- 22. UPON COMPLETION OF ALL LANDSCAPING, AN INSPECTION FOR SUBSTANTIAL COMPLETION OF THE WORK SHALL BE HELD. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR SCHEDULING THE INSPECTION AT LEAST SEVEN (7) DAYS PRIOR TO THE ANTICIPATED INSPECTION DATE.
- 23. CONTRACTOR SHALL SUBMIT WRITTEN GUARANTEE OF SURVIVABILITY OF ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL COMPLETION.
- 24. CONTRACTOR MUST REVIEW AND ACCE COMMENCEMENT OF PLANTING.
- 25. TREES ADJACENT TO BUILDINGS SHOULD CANOPY OR A MIN. OF 10'-0" (WHICHEVER
- CONTRACTOR IS RESPONSIBLE FOR THE R AREAS DISTURBED DURING THE CONSTRUCT



### TOMAHAWK SURVEYING

Florida Licensed Business No. LB8449 115 Morningstar Drive Punta Gorda, FL 33950 (941)-740-0733

DATE JC 06/19/2025 24

JOB# **24-79**  DWG **24-79 ASB**  SCALE **AS SHOWN** 



4767 New Broad Street, Orlando, FL, 32814

Ph. 407.202.8387

WGRASS BAY BOULEVARD
ULTILANE ROUNDABOUT

Todd McCurdy, FASLA, PLA 00001084

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NO.	DATE	DESCRIPTION	
	01.22.24	90% SUBMITTAL	
	05.23,24	100% SUBMITTAL	
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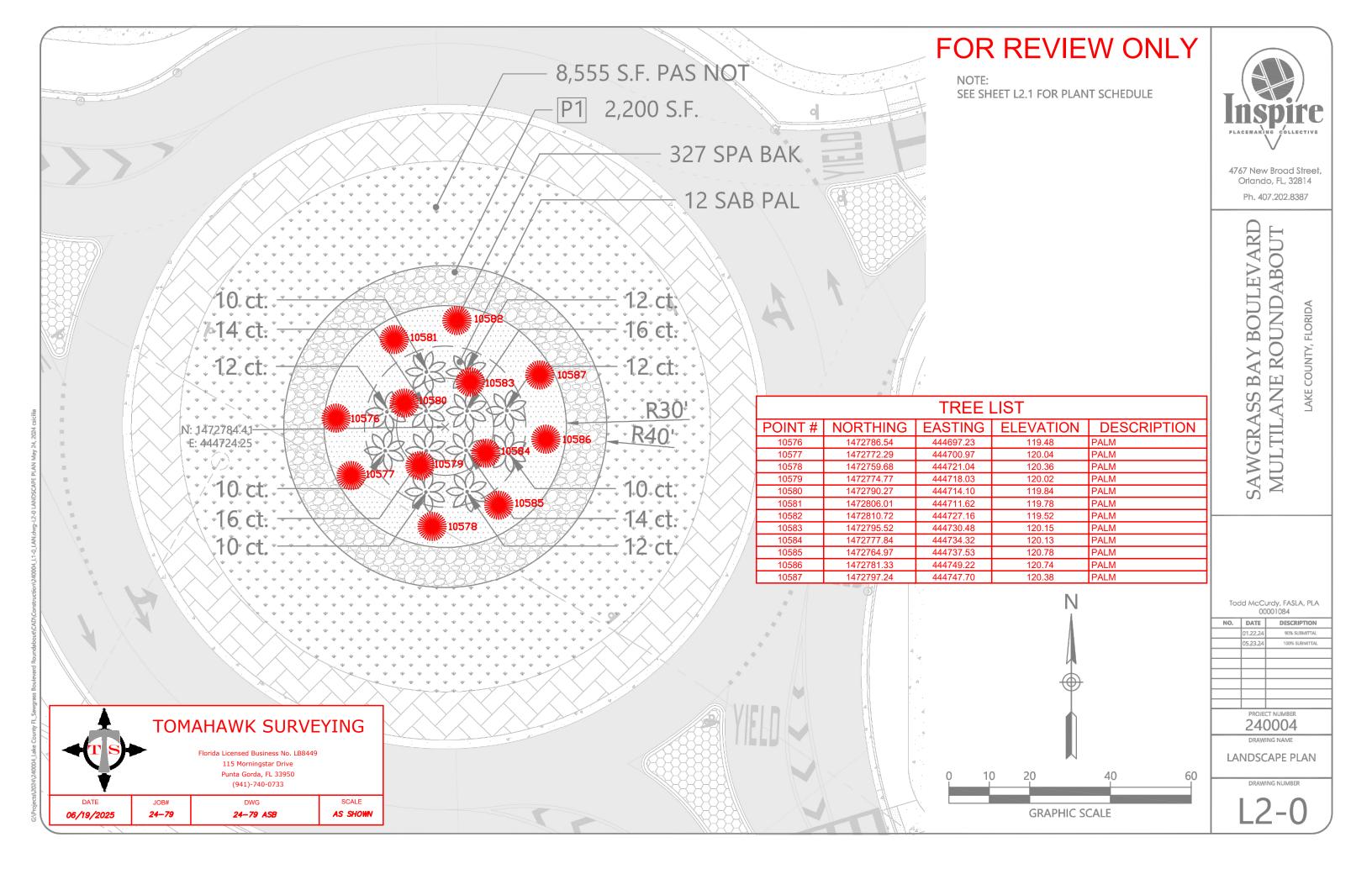
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DRAWING NAME

LANDSCAPE NOTES

DRAWING NUMBER

L1-0



### FOR REVIEW ONLY

PLACEMAKING COLLECTIVE
V

4767 New Broad Street, Orlando, FL, 32814

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# SAWGRASS BAY BOULEVARD

MULTILANE ROUNDABOUT

Todd McCurdy, FASLA, PLA 00001084

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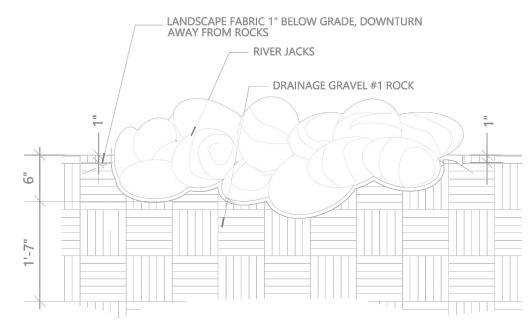
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DRAWING NAME PLANT SCHEDULE & DETAILS

DRAWING NUMBER

### PLANT SCHEDULE **Scheduled Size** ID QTY **Botanical name Common Name** SAB PAL Cabbage Palmetto Sabal palmetto 12 SPA BAK Sand Cordgrass 3 gal. 36"o.c. 327 Spartina bakeri **PAS NOT** 8,555 S.F. Paspalum notatum Bahia Sod

### FINISH SCHEDULE Model/style **Supplier** TAG Item/Material **Dimensions** Note P1 River Jacks 2470-T 3"-5" Pebble Junction



### NOTE:

- 1. CONTRACTOR SHALL REMOVE AND ERADICATE ALL EXISTING GRASSES AND WEEDS IN D.S. AREAS AS REQUIRED WITH ROUND-UP OR OTHER APPROVED HERBICIDE.
- SUB-GRADES SHALL BE THOROUGHLY COMPACTED BEFORE GRAVEL IS INSTALLED.
- GRAVEL SHALL BE SPREAD TO A MINIMUM DEPTH OF 5", RAKED, DAMPENED, ROLLED AND BROOMED TO AN EVEN FINISH.
- AGGREGATE SHALL BE RINSED THOROUGHLY TO REMOVE DEBRIS.
- CONTRACTOR SHALL APPLY PRE-EMERGENT HERBICIDE TO WEED-FREE GRAVEL AREAS.



TOMAHAWK SURVEYING

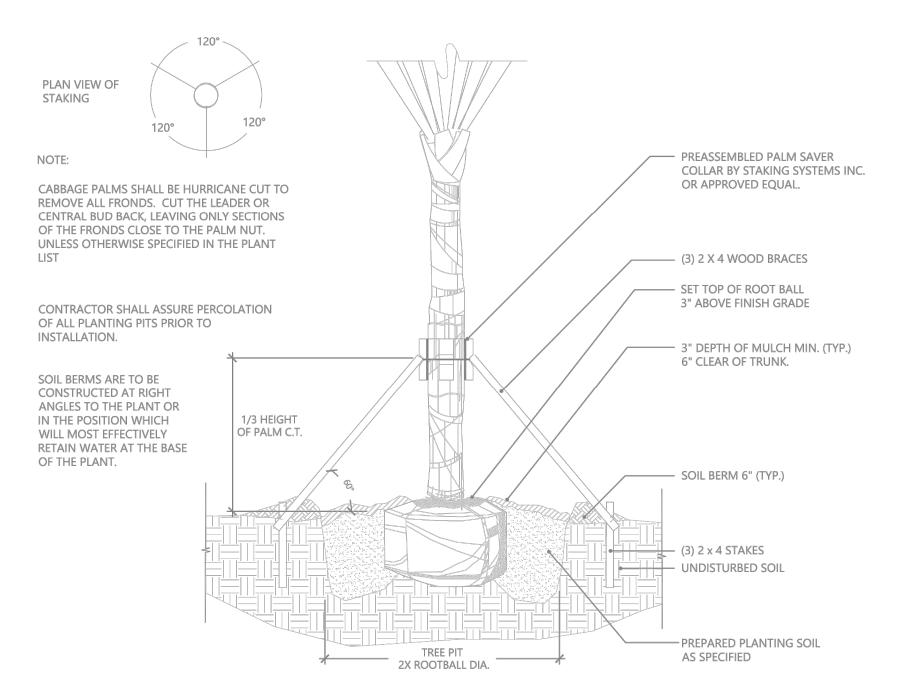
Florida Licensed Business No. LB8449 115 Morningstar Drive Punta Gorda, FL 33950 (941)-740-0733

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DATE **06/19/2025** 

**24-79** 

DWG **24-79 ASB**  SCALE

AS SHOWN

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# SAWGRASS BAY BOULEVARD MULTILANE ROUNDABOUT

COUNTY, FLORIDA

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	05.23.24	100% SUBMITTAL

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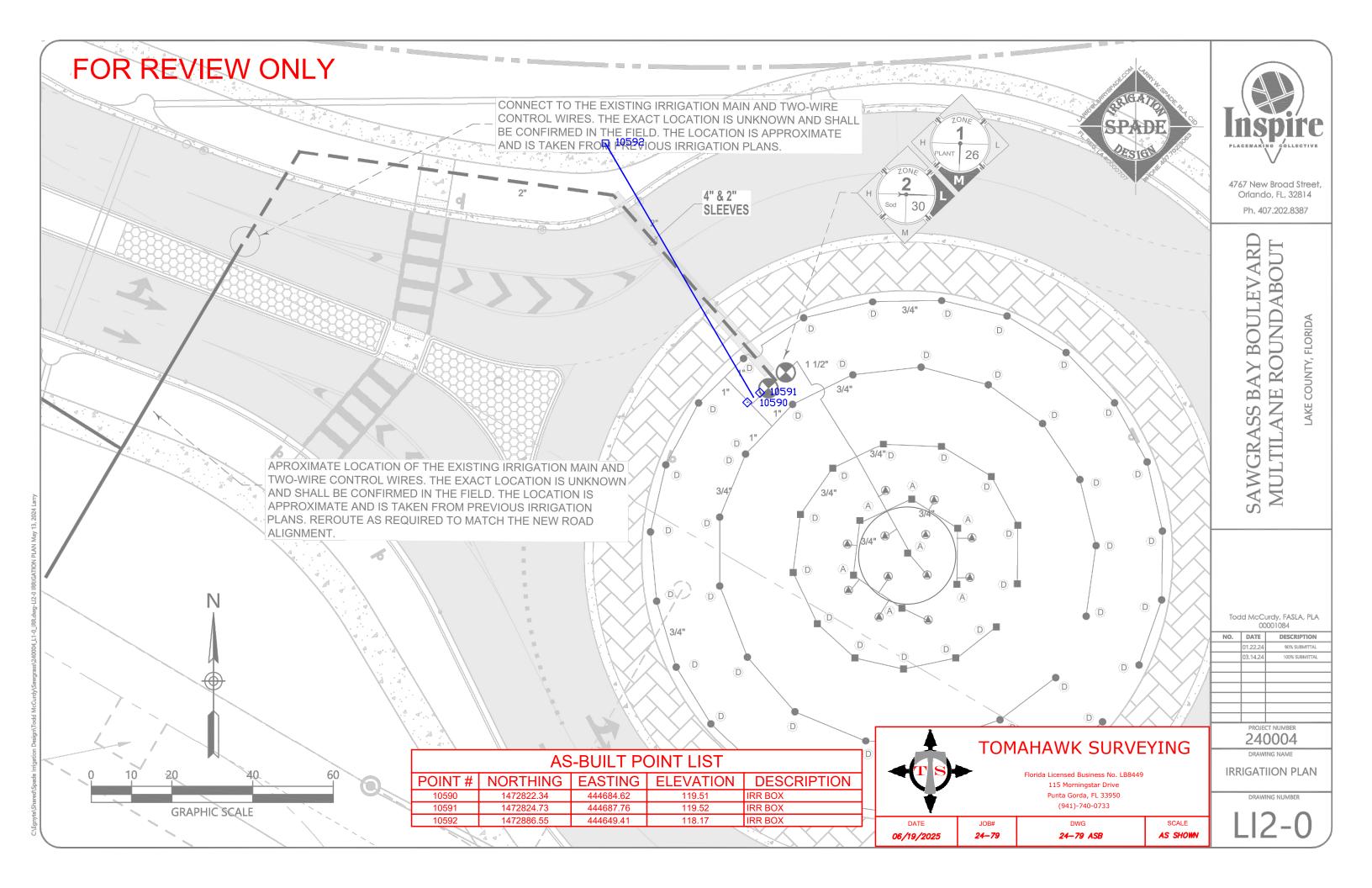
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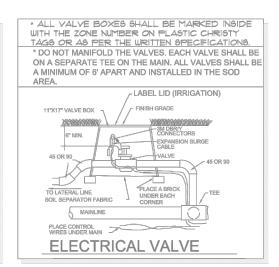
LANDSCAPE

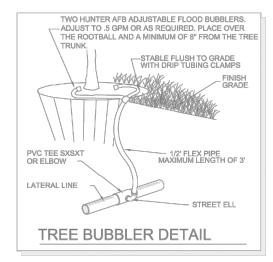
DETAILS

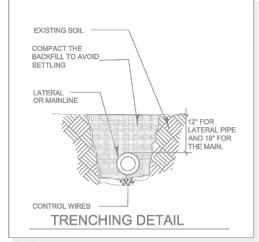
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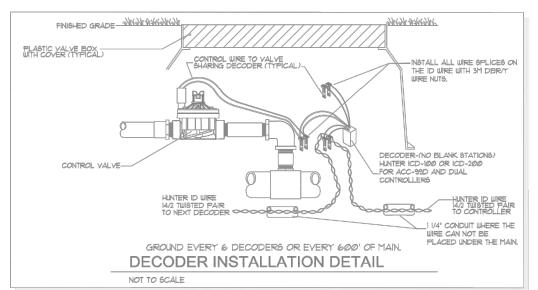
L2-2











11"X17" PURPLE VALVE BOX AND COVER

HUNTER ICV ELECTRIC VALVE. SIZE AS SHOWN BELOW. INSTALL VALVE IN A

### **GENERAL NOTES**

1) REFER TO THE LANDSCAPE PLANS WHEN TRENCHING TO AVOID TREES AND SHRUBS. HAND DIG AROUND ANY EXISTING TREES. DO NOT CUT ANY ROOTS OVER 2" IN DIAMETER.

0-25 GPM=1"

26-50 GPM=1 1/2"

2) ALL MAINLINE PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OF COVER. ALL LATERAL PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 12" OF COVER.

3) ALL POP-UP ROTORS AND SPRAYS SHALL BE INSTALLED USING AN 18" PVC FLEX PIPE CONNECTION. DO NOT USE POLYETHYLENE PIPE. USE WELDON 737 WITH A PURPLE PRIMER OR RED HOT CHRISTY'S BLUE GLUE ON ALL CONNECTIONS.

4) ADJUST ALL NOZZLES TO REDUCE WATER WASTE ON HARD SURFACES, WINDOWS AND BLDG. WALLS. THROTTLE ALL VALVES ON SHRUB LINES AS REQUIRED TO PREVENT FOGGING. USE ADJUSTABLE NOZZLES WHERE REQUIRED TO AVOID ANY WATER ON BUILDING WINDOWS.

5) ALL RISERS SHALL BE PAINTED BLACK OR A COLOR CHOSEN BY THE OWNER'S REPRESENTATIVE AND SHALL BE STAKED WITH A STEEL ANGLE AND SECURED WITH STAINLESS STEEL CLAMPS. LEAVE THE BOTTOM 12' OF THE PIPE PURPLE ON

RECLAIMED SYSTEMS.
6) ALL CONTROL WIRE CONNECTIONS SHALL BE MADE IN VALVE BOXES USING 3M DBR-Y WIRE CONNECTORS AND SEALANT WITH WIRE NUTS.

7) THE CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING SHOWING ALL IRRIGATION INSTALLATION.
THE CONTRACTOR SHALL NEATLY MARK IN RED INK ON A WHITE BOND PAPER COPY OF THE IRRIGATION PLAN ANY
INSTALLATION THAT DEVIATES FROM THE PLAN. THE AS-BUILT DRAWING SHALL ALSO LOCATE ALL MAINLINE AND VALVES
BY SHOWING EXACT MEASUREMENTS FROM HARD SURFACES, MEASUREMENTS SHALL BE MARKED ON THE PLAN EVEN
WHEN THE EQUIPMENT IS INSTALLED IN THE EXACT LOCATION AS THE PLAN. PROVIDE THE OWNER A PDF OF THE AS-BUILT
PLAN.

8) ALL VALVES, GATE VALVES AND QUICK COUPLERS SHALL BE INSTALLED IN VALVE BOXES. THE VALVE BOXES SHALL BE PURPLE WHEN USING RECLAIMED WATER.

9) ANY PIPING SHOWN OUTSIDE THE PROPERTY LINE OR RUNNING OUTSIDE A LANDSCAPE AREA IS SHOWN THERE FOR CLARITY ONLY. ALL LINES SHALL BE INSTALLED ON THE PROPERTY AND INSIDE THE LANDSCAPE AREAS OR INSIDE A SCH. 40 SLEEVE.

10) ALL HEADS SHALL BE INSTALLED A MINIMUM OF 24" FROM ANY WALL AND A MINIMUM OF 6" FROM ANY SIDEWALK, PATIO OR ROAD. (MINIMUM OF 2"-0" WHERE THERE ARE NO BUMPER STOPS) THE EXACT HEIGHT OF ANY 12" POP-UP THAT IS SHOWN IN A SHRUB BED SHALL BE DETERMINED BY THE OWNER'S REPRESENTATIVE IN THE FIELD. INSTALL THE 12" POP-UP HIGHER WHERE BLOCKED BY TALL SHRUBS.

11) THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE ANY EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIRS AND COST OF ANY DAMAGE CAUSED BY THEIR WORK.

12) ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST ALL DEFECTS IN EQUIPMENT AND WORKMANSHIP OR AS OUTLINED IN THE WRITTEN SPECIFICATIONS.

13) ELECTRICAL SERVICE TO LOCATION OF THE CONTROLLER, WELL OR PUMP SHALL BE PROVIDED TO A JUNCTION BOX OR DISCONNECT AT THE FOLIPMENT LOCATION BY THE FLECTRICAL CONTRACTOR OF

BY OWNER WHEN IT IS NOT PART OF THE BID PACKAGE. CONFIRM THE LOC GENERAL CONTRACTOR BEFORE ANY INSTALLATION.

14) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SCALE THE TYPES TO DETERMINE THE CORRECT SPACING OF THE HEADS. THE CONTR THE HEADS FURTHER APART OR USE LESS HEADS THAN SHOWN ON THE P HEAD SPACING OR LAYOUT, WITHOUT THE CONSENT OF THE LANDSCAPE A HOLD THE IRRIGATION CONTRACTOR RESPONSIBLE FOR WARRANTY OF THESE AREAS.

15) 48 HOURS BEFORE DIGGING, CALL 1-800-432-4770 (SUNSHINE STATE ON 16) INSTALL THREE EXTRA CONTROL WIRES TO EACH TERMINATION OF THE INSIDE OF SCH. 40 GRAY PVC CONDUIT WHERE THEY CANNOT BE UNDER T



### TOMAHAWK SURVEYING

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DATE JOB#
06/19/2025 24-79

24-79 ASB

AS SHOWN



4767 New Broad Street, Orlando, FL, 32814 Ph. 407.202.8387

## BOULEVARD

ANE ROUNDA
LAKE COUNTY, FLORIDA

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AWGR/

Todd McCurdy, FASLA, PLA 00001084

NO.	DATE	DESCRIPTION
	01.22.24	90% SUBMITTAL

240004

DRAWING NAME
IRRIGATION
DETAILS

DRAWING NUMBER

LI2-1



### **RECLAIMED WATER REQUIREMENTS**

- 1) ALL PIPE SHALL BE THE PURPLE RECLAIMED WATER TYPE.
- 2) ALL SPRINKLER HEADS SHALL HAVE PURPLE INDICATORS.
- 3) ALL MANUAL AND ELECTRIC VALVES SHALL HAVE TAGS TO INDICATE RECLAIMED WATER.
- 4) ALL VALVE BOXES SHALL BE PURPLE WITH PURPLE LIDS TO INDICATE THE PRESENCE OF RECLAIMED WATER.
- 5) ALL EQUIPMENT SHALL BE INSTALLED AS PER ALL LOCAL, COUNTY, STATE, AND FEDERAL CODES. PROVIDE AND INSTALL ALL REQUIRED RECLAIMED WATER SIGNS. COORDINATE PLACEMENT AND TYPE WITH THE RECLAIMED WATER PROVIDER.
- 6) ALL CROSSINGS OF IRRIGATION PIPING AND POTABLE WATER LINES SHALL HAVE THE VERTICAL CLEARANCE VISUALLY VERIFIED AND THIS VERIFICATION MUST BE SHOWN ON THE AS-BUILT DRAWINGS BY DOCUMENTING THE VERTICAL MEASUREMENT SEPARATING THE PIPES.
- 7) THE VERTICAL SEPARATION BETWEEN THE POTABLE AND RECLAIMED WATER LINES SHALL BE A MINIMUM OF 18". THIS SEPARATION SHALL BE VERIFIED AND DOCUMENTED IN A SET OF AS-BUILT DRAWINGS AS PER SPECIFICATIONS. THE HORIZONTAL SEPARATION SHALL BE 5' CENTER TO CENTER AND 3' OUTSIDE TO OUTSIDE IF VERTICAL MINIMUM OF 18" IS NOT MET. REFER TO THE SPECIFIC CODE IF THESE SEPARATIONS CAN NOT BE MET.

### **NOZZLE CHART**

LETTER	R SPEC.		G.P.M. 40 PSI	DISTANCE	F	RADIUS	ZONE LABELS
Α	MP2000	RED	1.47	19'	FULL	360°	
В	MP CORNER	TURQUOISE	.45	14'	CORNER	105°	
C	MP CORNER	TURQUOISE	.19	14'	CORNER	45 "	
D	MP2000	BLACK	.74	19'	HALF	180°	GPM
F	MP2000	BLACK	.40	19'	QUARTER	90°	X IZONE
G	MP END STRIP	COPPER	.22	5' X 15'	END STRIP		
Н	RAIN, XPCN	BLACK	.23	4.5'	HALF PATTE	ERN	н 💛 🔭
K	MP815	OLIVE	1.87	8'-16'	FULL	360°	PLANT
M	MP SIDE S	BROWN	.44	5' X 30'	SIDE STRIP		SOD
S	MP815	MAROON	.49	8'-16'	90 °- 180 °		/ TREES
Т	MP815	MAROON	.93	8'-16'	90 °- 180 °		/
V	MP3000	BLUE	.86	30'	QUARTER	90 "	/ HIGH
W	MP3000	BLUE	1.82	30'	HALF	180°	WATER USE MEDIUM
Х	MP3000	YELLOW	2.73	30'	THREE QTR	R. 270°	LOW
Y	MP3000	GRAY	3.64	30'	FULL	360 °	
Z	MP2000	GREEN	1.10	19'	THREE QTR	270°	

THE NOZZLES LISTED SHOW THE TYPE OF MP ROTATOR NOZZLE THAT SHOULD BE USED. THE CONTRACTOR SHOULD INSTALL CORRECT NOZZLE IN EACH HEAD AS SHOWN BY THE LETTER BESIDE THE HEAD ON THE PLAN. DO NOT USE MP1000 SERIES NOZZLES. THE GPM, DISTANCE AND ANGLE ON THE NOZZLE CHART ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST ALL NOZZLES TO PROVIDE THE 100% COVERAGE, BUT LIMIT OVERTHROW ON TO BUILDINGS, WALLS, PAVEMENT, ETC. THE HEADS SHALL BE SPACED AS PER THE PLAN. SCALE THE PLAN FOR DISTANCE. DO NOT ASSUME THAT ALL HEADS ARE SPACED AS PER CONVENTIONAL SPRAY HEADS. THE PRECIPITATION RATE FOR THESE NOZZLES IS LESS THAN A CONVENTIONAL SPRAY NOZZLE. FOLLOW THE ZONE CHART FOR AN APPROXIMATE RUN TIME FOR EACH ZONE, BUT SET THE RUN TIME ON THE CONTROLLER BASED ON THE SPECIFIC SITE CONDITIONS. DO NOT SUBSTITUTE WITH STANDARD NOZZLES.



Florida Licensed Business No. LB844 115 Morningstar Drive Punta Gorda, FL 33950 (941)-740-0733

DATE JOB# DWG SCALE

06/19/2025 24-79 24-79 ASB AS SHOWN



4767 New Broad Street, Orlando, FL, 32814

Ph. 407.202.8387

ASS BAY BOULEVARD
ANE ROUNDABOUT

SAWGRA

Todd McCurdy, FASLA, PLA 00001084

NO.	DATE	DESCRIPTION
	01.22.24	90% SUBMITTAL

240004

DRAWING NAME
IRRIGATION
DETAILS

DRAWING NUMBER

\_12-2

CHARACTER

IN-GRADE

SURFACE

PENDANT

WALL

BASE W/ HEAD

IN-GRADE

DIRECTIONAL

EMERGENCY

•

0

10

EMERGENCY

NORMAL

0

Ю

 $\oplus$ 

NORMAL

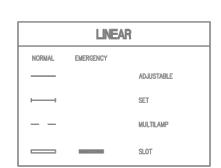
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POLE			
NORMAL	EMERGENCY		
*		NO LIGHT SOURCE	
•□	0-	SINGLE HEAD	
□⊷□	<b>■</b>	MULTIPLE HEAD	

ACCE	ENT .	
EMERGENCY		
•	SURFACE	
10+	WALL	
	TRACK	
		EMERGENCY   SURFACE  WALL

LUMINAIRE KEY
CP2 [1001]— LUMINAIRE SYMBOL  CP2 [1001]— LUMINAIRE TAG

		OFFICIENTIE	
RE SYMBOL RE TAG . TAG	B C F G L M P R S T W	BOLLARD / SHORT BASE CLOSE CEILING FAN GAS FLAME FOR LUMINAIRE LAMPPOST MULTILAMP / FESTOON PENDANT RECEPTACLE FOR LUMINAIRE SURFACE TABLE LAMP WALL MOUNTED	
			-



UNDERWATER

UNDERWATER

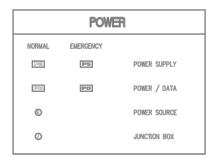
SURFACE

EMERGENCY

NORMAL

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**GENERAL** 

PENDANT

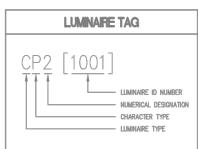
WALL

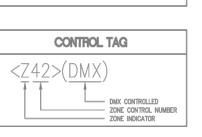
EMERGENCY

NORMAL

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CHARACTER TYPE

A	ACCENT / AIMABLE
В	BOLLARD / PATH/STEP
Č	CHARACTER
Ď	DOWNLIGHT
Ĕ	SPECIALTY / THEATRICAL
F	FLOODLIGHT / SPOTLIGHT
G	INGRADE
Н	HIGH BAY / HAZARDOUS
ï	INDIRECT
j	JUNCTION BOX
K	C(K)LEAN/GASKETED
L	LINEAR
M	
N	MULTILAMP / STRING LIGHTS NICHE / COVE
0	[NOT USED]
P	POLE / PARKING
	POWER SUPPLIES
Q	
R	TROFFER
S	SURFACE / STRIPLIGHT
Ţ	TRACK
U	UNDERWATER
A	VANDAL
W	WORKLIGHT / WALLPACK
X	EXIT / EMERGENCY
Y	GRAPHIC
Z	[USED IN ZONING]

### **GENERAL NOTES**

- ALL INFORMATION PROVIDED ON THE LEGEND SHEET MAY NOT BE IMPLEMENTED INTO THE PROJECT.
- 2. "LD" DRAWINGS ARE FOR INFORMATION ONLY, REFER TO THE ELECTRICAL DRAWING FOR CIRCUIT INFORMATION.
- 3. REFER TO FIXTURE SPECIFICATIONS FOR COMPLETE FIXTURE INFORMATION.
- 4. REFER TO FIXTURE MOUNTING DETAIL SHEETS FOR SPECIFIC MOUNTING CONDITIONS.
- 5. CONTRACTOR TO PROVIDE TRANSFORMERS AND BALLASTS FOR ALL FIXTURES SPECIFIED AS REMOTE TRANSFORMERS OR BALLAST. ALL TRANSFORMERS AND BALLAST SPECIFIED AS REMOTE SHALL BE MOUNTED OUT OF VIEW OF GUESTS.
- CONTRACTOR TO CONFIRM ALL REMOTE TRANSFORMER AND BALLAST LOCATIONS WITH LANDSCAPE OR FACILITY ARCHITECT.
- 7. CONTRACTOR TO VERIFY EXACT MOUNTING LOCATION OF ALL ACCENT LIGHTS IN FIELD WITH LIGHTING DESIGNER.
- UNLESS OTHERWISE INDICATED, ALL MOUNTING BOXES FOR LIGHTING FIXTURES
   MOUNTED TO FACADES TO BE RECESSED INTO STRUCTURE. COORDINATE JBOX
   LOCATION WITH OTHER TRADES.
- 10. INFORM CONSTRUCTION MANAGER IN WRITING IN A TIMELY WAY OF ANY
- 11. CONTRACTOR TO VERIFY CONDITIONS ON WHICH THIS WORK DEPENDS IN OTHER ISSUED CONSTRUCTION DRAWINGS AND ON SITE SUCH AS BUT NOT LIMITED TO:
- DIMENSIONS
   LEVELS
   MATERIALS
   DETAILS

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	DEMOCITOR
< R >	EXISTING TO BE REMOVED
< RL >	EXISTING TO BE RELOCATED
< X >	EXISTING TO REMAIN
< NL >	EXISTING — NEW LOCATION

									LUMINAIRE	SCHEDULE	Ĭ											
REV					FIXTURE								LIGHT SOUR	CE				VOLTAGE	FIXTURE	CONTROL GE AR	ACCES SORIES	NOTES
Δ	TYPE	MANUFACTURER	RE PRESENTATIVE	PART NO	DESCRIPTION	DIMENSION'S	ÜL/IP	FINISH	MATE RIAL	MOUNTING	MANUFACTURER	PARTNO	QTY OPTIC	ccr	CRI	LUMENS	WATT	VOLTAGE	LOAD	CONTROL GLAR	ACCESSORIES	HOTES
A: ACCEN	T; AIMAB	BLE																				
	A1	GARDEN LIGHT LED	IAL // THOMAS WUNDERLICH 689.220.8303	MSION3-3000K-9W-FIN TBD STAKE:LV150	LAND'SC APE UP LIGHT MEDIUM BE AM	2.25"DIA x 5.8"L	ETL; P66	TBD	ALUMINUM	STAKE	INTEGRAL	WHITE LED	11 25 DE G	3000K	78.0	660	9 W	12 VAC	15.0	REMOTE TRANSFORMER PSU1		
P: POLE:	PARKING	G																				
	P1	RECOVERED ENEREGY TECHNOLOGIES	e	POLE: ALLIANCE, COMPOSITE #DX26AXDN3X6	SINGLE HEADED ROADWAY POLE WITH INTEGRAL SOLAR PANELS	TBD	UL	MATCH EXISTING	COMPOSITE	DIRECT BURIAL	LINTEGRAL	WHITE LED	12 MATCH	LMATCH.	.70	6400	MATCH	-MATCH		[SQLAR]		1
Q: POWE	SUPPLI	LIE S																				
	PSU1	GARDEN LIGHT LED	LIAL // THOMAS WUNDERLICH 689 220 8303	102WLED-SS	SURFACE MOUNT REMOTE TRANSFORMER FOR LANDSCAPE ACCENTS 1000	4.25"D x 5" W x 11"H	NEMAS-15	В	STAINLESS STEEL	SURFACE	A	8	E E	8	8	61	[100W]	120/12VAC	100.0	NON-DIM		

NOTES:
1. SUBMISSHOP, DRAWINGS WITH STATE OF FLORD'A REGISTERED ENGINEER'S CALCULATIONS TO MEET FROW IND LOAD REQUIREMENTS (LATEST STANDARDS) FOR POLE ASSEMBLY INCLUDING DIMENSIONS AND POLE FIXTURE EPA.
RATINGS!

### FOR REVIEW ONLY



TOMAHAWK SURVEYING

Florida Licensed Business No. LB8449 115 Morningstar Drive Punta Gorda, FL 33950 (941)-740-0733

DWG SCALE AS SHOWN 06/19/2025 24-79 24-79 ASB



4767 New Broad Street, Orlando, FL, 32814

Ph. 407.202.8387

ARD ROUNDABOUT SS BAY BOULEV ANE SAWGRA MULTIL

exp U.S. Services Inc.

NO. DATE DESCRIPTION

90% SUBMITTAL 1 02.22.24 04.30.24

240004

DRAWING NAME

LEGEND & SCHEDULE

DRAWING NUMBER

# FOR REVIEW ONLY ¬ < X > < X >

### GENERAL NOTES:

- 1. ALL EXISTING SOLAR LIGHT POLES DENOTED BY <X> SHALL BE EXISTING TO REMAIN UNLESS OTHERWISE NOTED TO BE RELOCATED <RL> TO NEW LOCATION <NL>.
- PHOTOMETRIC CALCULATIONS BY OTHERS AND OWNER TO COORDINATE FINAL LOCATIONS BASED ON PHOTOMETRIC LAYOUT AND CIVIL PLANS PRIOR TO INSTALLATION.



4767 New Broad Street, Orlando, FL, 32814

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### KEY NOTES:

- NEW LIGHT POLE WITH INTEGRAL SOLAR PANELS SHALL MATCH EXISTING ROADWAY SPECIFICATIONS. POLE SHALL BE LOCATED 2'-0" BEHIND SIDEWALK PER ORIGINAL PLANS.
- EXISTING SOLAR LIGHT POLE SHALL BE RELOCATED TO 2'-0" BEHIND NEW SIDEWALK.

**GRAPHIC SCALE** 

# SAWGRASS BAY BOULEVARD MULTILANE ROUNDABOUT

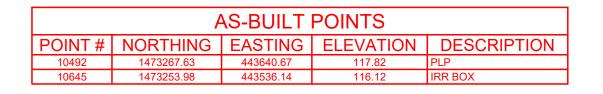
exp U.S. Services Inc. t+1.407.560.0088 | t+1.407.660.1655 2801 Weethall Lane Malitand, FL 32751 U.S.A.

NO.	DATE	DESCRIPTION									
1	02.22.24	90% SUBMITTAL									
2	04.30.24	100% SUBMITTAL									
PROJECT NUMBER											
	24(	0004									

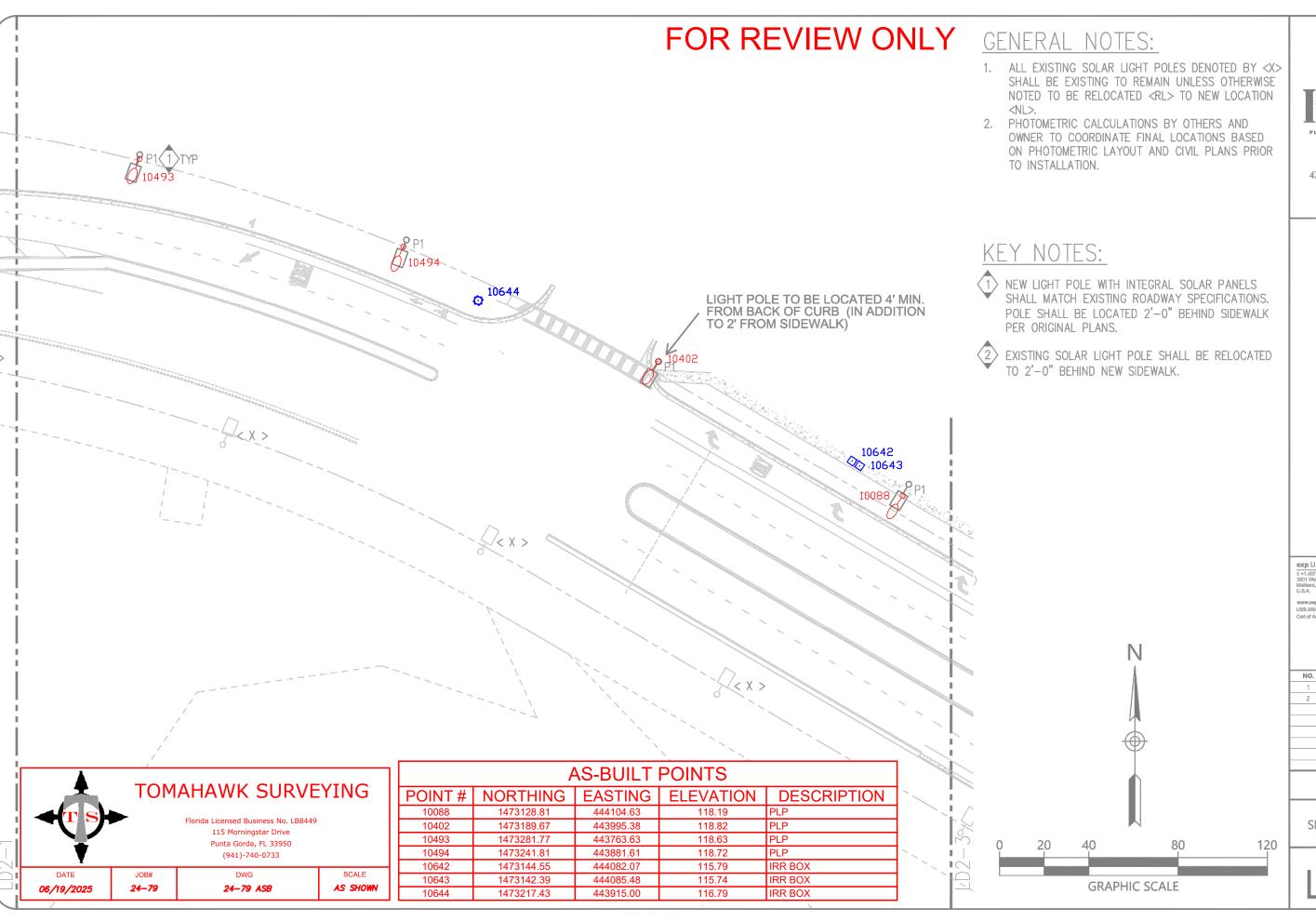
DRAWING NAME

SITE PLAN AREA 1

DRAWING NUMBER









4767 New Broad Street, Orlando, FL, 32814

ANE ROUNDABOUT

Ph. 407.202.8387

SAWGRASS BAY BOULEVARD

NO.	DATE	DESCRIPTION									
1	02.22.24	90% SUBMITTAL									
2	04.30.24	100% SUBMITTAL									
PROJECT NUMBER											
240004											

DRAWING NAME

SITE PLAN AREA 2

DRAWING NUMBER

