

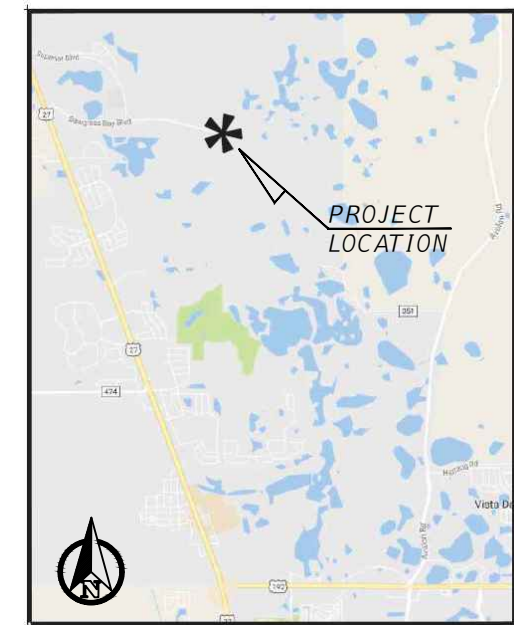
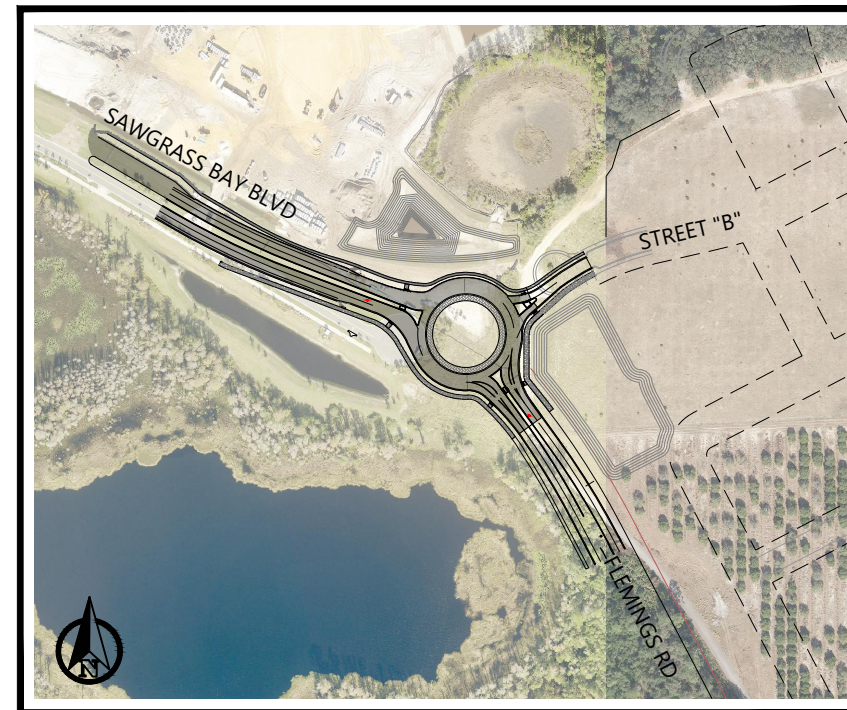
SAWGRASS BAY BLVD MULTILANE ROUNDABOUT

LANDSCAPE / IRRIGATION / LIGHTING 100% CONSTRUCTION DOCUMENTS

PROJECT NO. 240004
MAY 2024

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



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



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



EXP U.S. SERVICES INC.
2601 WESTHALL LANE
MAITLAND, FL 32751
PHONE: (407) 660-0088

SPADE IRRIGATION DESIGN
307 DUBSDREAD CIRCLE
ORLANDO, FL 32804
PHONE: (407) 702-3063



**LAKE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION**
350 N. SINCLAIR AVENUE
TAVARES, FLORIDA 32778
PHONE: (352) 253-6000

GENERAL NOTES

1. 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.
2. 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.
3. 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.
6. 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.
9. 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.
3. ALL INSTALLATION OF PLANT MATERIAL SHALL COMPLY WITH APPLICABLE JURISDICTIONAL CODES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS ASSOCIATED WITH THIS WORK.

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.
6. 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.
7. THE CONTRACTOR SHALL PROVIDE AN APPROVED PLANTING SOIL MIXTURE FOR ALL PLANT MATERIAL. SEE SPECIFICATIONS FOR REQUIREMENTS.
8. 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.
9. 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.
12. 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.
19. CONTRACTOR SHALL RE-GRADE ALL AREAS DISTURBED BY PLANT REMOVAL, RELOCATION, AND/OR INSTALLATION WORK.
20. 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 ACCEPT, APPROVE ALL GRADED AREAS PRIOR TO THE COMMENCEMENT OF PLANTING.
25. TREES ADJACENT TO BUILDINGS SHOULD BE PLANTED AT LEAST THE DIAMETER OF THE TREE CANOPY OR A MIN. OF 10'-0" (WHICHEVER IS GREATER) AWAY FROM THE BUILDING WALL.
26. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR OF ANY EXISTING LAWN AREAS OR PLANTING AREAS DISTURBED DURING THE CONSTRUCTION PROCESS.



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

**SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT**
LAKE COUNTY, FLORIDA

Todd McCurdy, FASLA, PLA
00001084

NO.	DATE	DESCRIPTION
	01.22.24	90% SUBMITTAL
	05.23.24	100% SUBMITTAL

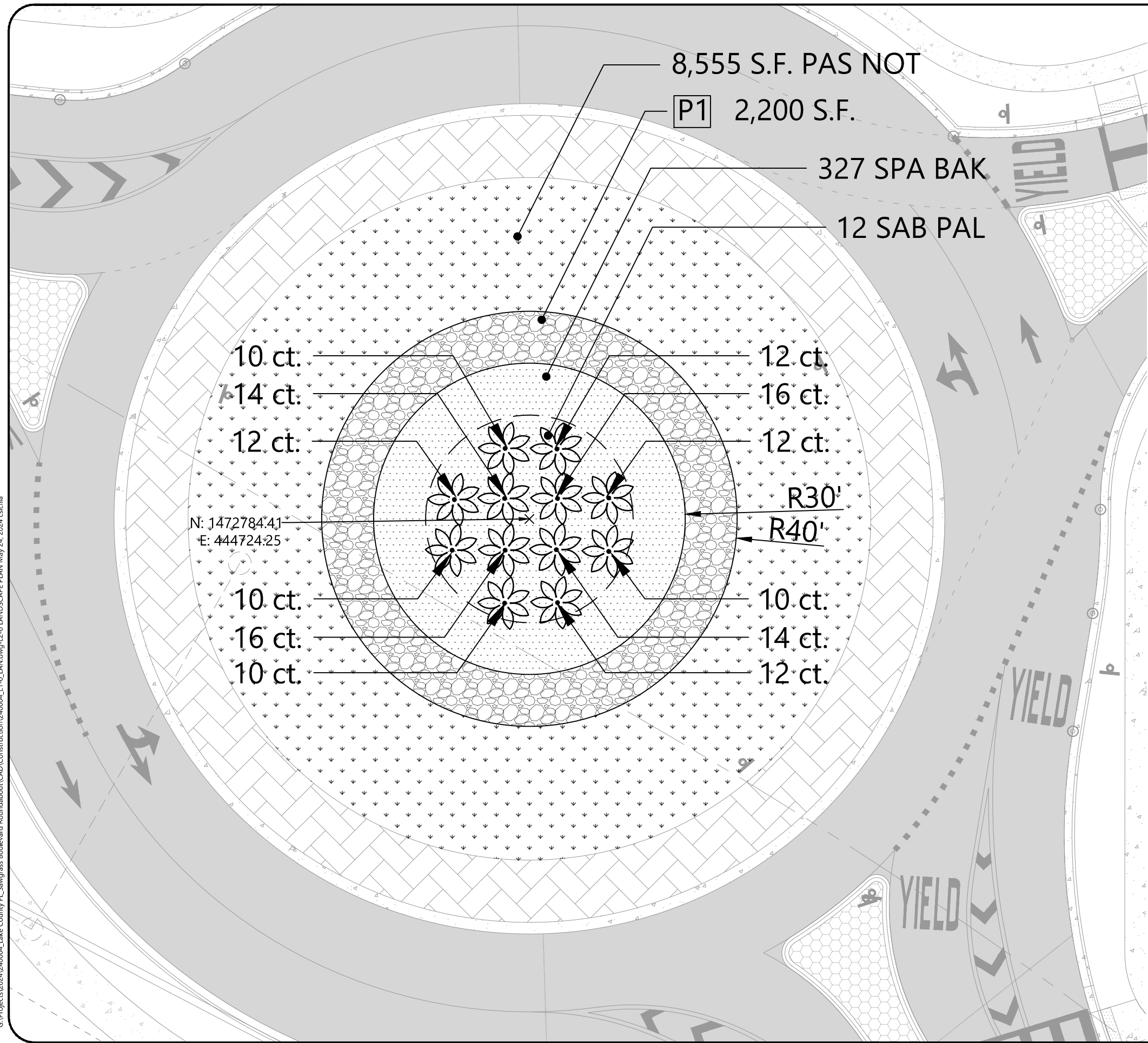
PROJECT NUMBER
240004

DRAWING NAME
LANDSCAPE NOTES

DRAWING NUMBER

L1-0

G:\Projects\2024\240004_Lake County, FL_Sawgrass Boulevard Roundabout\CAD\Construction\240004_L1-0_LAN.dwg-L2-0 LANDSCAPE PLAN May 24, 2024 escilla



NOTE:
SEE SHEET L2.1 FOR PLANT SCHEDULE



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

SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT

LAKE COUNTY, FLORIDA

Todd McCurdy, FASLA, PLA
00001084

NO.	DATE	DESCRIPTION
	01.22.24	90% SUBMITTAL
	05.23.24	100% SUBMITTAL

PROJECT NUMBER
240004

DRAWING NAME
LANDSCAPE PLAN

DRAWING NUMBER
L2-0

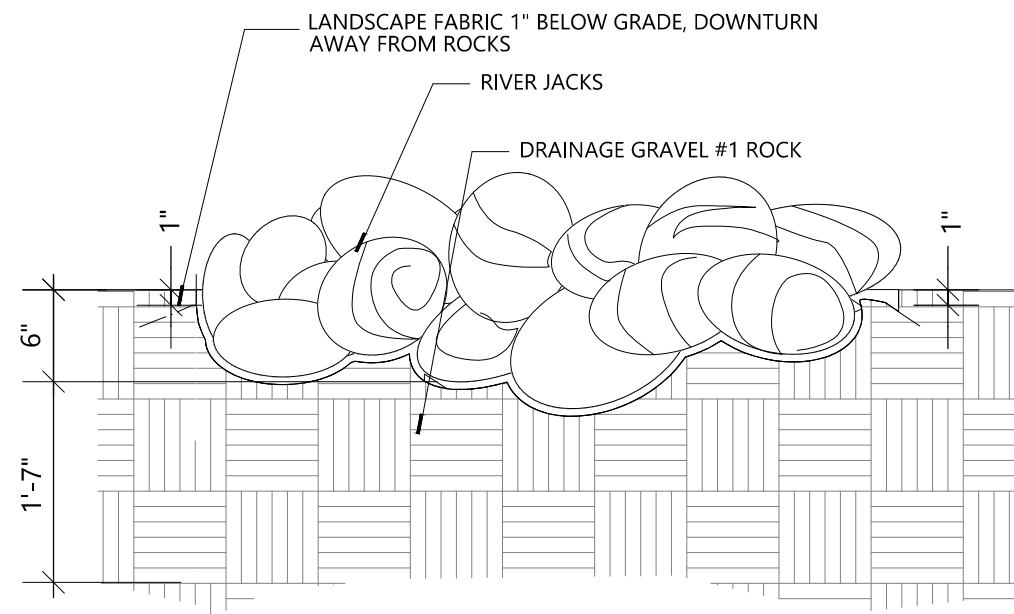


PLANT SCHEDULE

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

FINISH SCHEDULE

TAG	Item/Material	Model/style	Dimensions	Supplier	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.
2. SUB-GRADES SHALL BE THOROUGHLY COMPACTED BEFORE GRAVEL IS INSTALLED.
3. GRAVEL SHALL BE SPREAD TO A MINIMUM DEPTH OF 5", RAKED, DAMPENED, ROLLED AND BROOMED TO AN EVEN FINISH.
4. AGGREGATE SHALL BE RINSED THOROUGHLY TO REMOVE DEBRIS.
5. CONTRACTOR SHALL APPLY PRE-EMERGENT HERBICIDE TO WEED-FREE GRAVEL AREAS.



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

**SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT**

LAKE COUNTY, FLORIDA

Todd McCurdy, FASLA, PLA
00001084

NO.	DATE	DESCRIPTION
	01.22.24	90% SUBMITTAL
	05.23.24	100% SUBMITTAL

PROJECT NUMBER
240004

DRAWING NAME
**PLANT SCHEDULE
& DETAILS**

DRAWING NUMBER

L2-1

1 RIVER STONE DETAIL
SCALE: NTS



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

**SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT**
LAKE COUNTY, FLORIDA

Todd McCurdy, FASLA, PLA
00001084

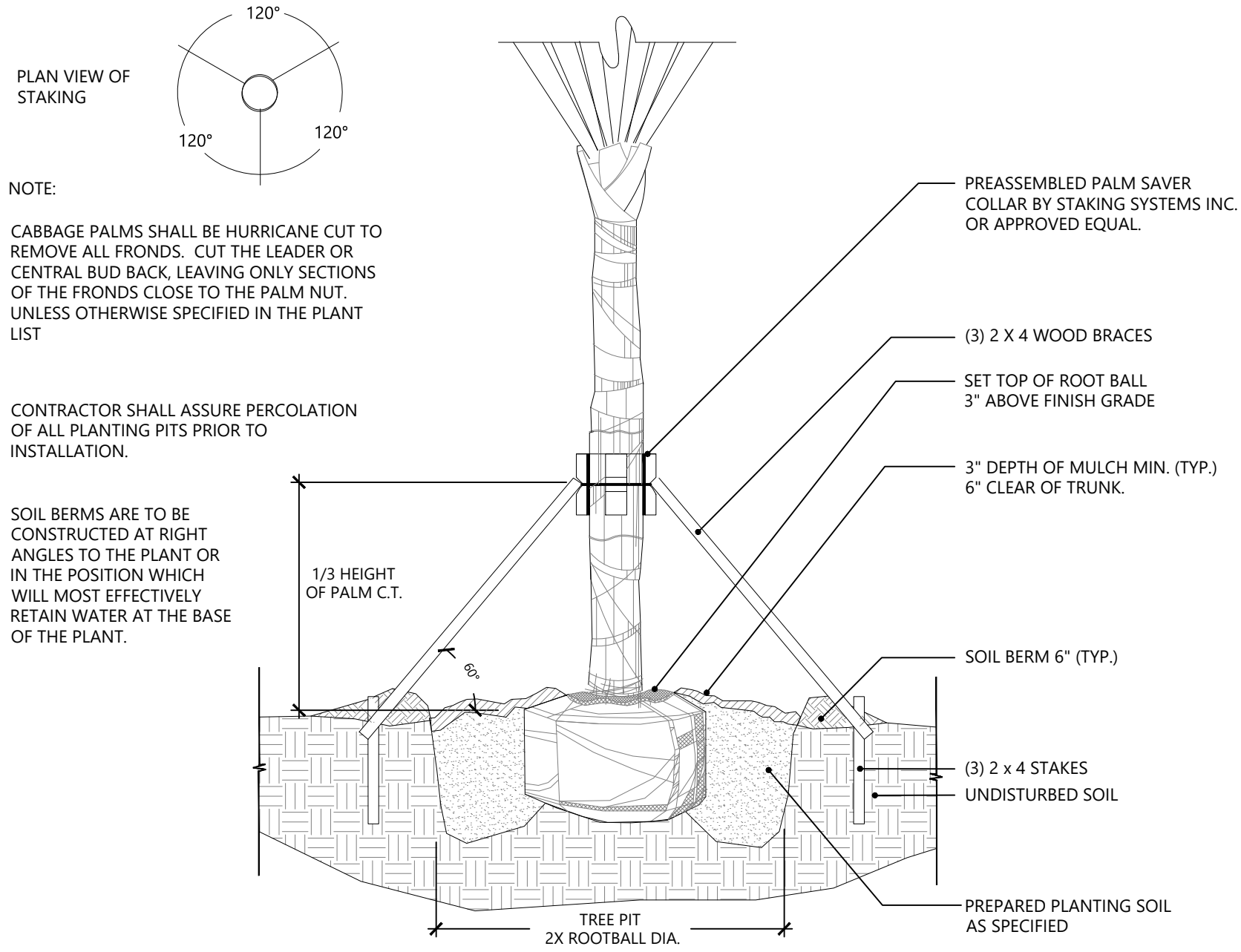
NO.	DATE	DESCRIPTION
	01.22.24	90% SUBMITTAL
	05.23.24	100% SUBMITTAL

PROJECT NUMBER
240004

DRAWING NAME
**LANDSCAPE
DETAILS**

DRAWING NUMBER

L2-2



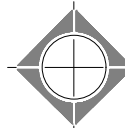
1 PALM PLANTING
SCALE: NTS



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

SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT

LAKE COUNTY, FLORIDA

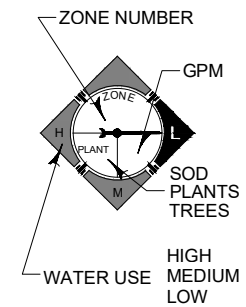


RECLAIMED WATER REQUIREMENTS

- 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	SPEC.	COLOR	G.P.M. 40 PSI	DISTANCE	RADIUS	ZONE LABELS
A	MP2000	RED	1.47	19'	FULL	360°
B	MP CORNER	TURQUOISE	.45	14'	CORNER	105°
C	MP CORNER	TURQUOISE	.19	14'	CORNER	45°
D	MP2000	BLACK	.74	19'	HALF	180°
F	MP2000	BLACK	.40	19'	QUARTER	90°
G	MP END STRIP	COPPER	.22	5' X 15'	END STRIP	
H	RAIN. XPCN	BLACK	.23	4.5'	HALF PATTERN	
K	MP815	OLIVE	1.87	8'-16'	FULL	360°
M	MP SIDE S	BROWN	.44	5' X 30'	SIDE STRIP	
S	MP815	MAROON	.49	8'-16'	90° - 180°	
T	MP815	MAROON	.93	8'-16'	90° - 180°	
V	MP3000	BLUE	.86	30'	QUARTER	90°
W	MP3000	BLUE	1.82	30'	HALF	180°
X	MP3000	YELLOW	2.73	30'	THREE QTR.	270°
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.

Todd McCurdy, FASLA, PLA
00001084

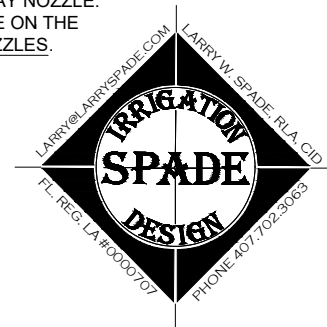
NO.	DATE	DESCRIPTION
	01.22.24	90% SUBMITTAL
	03.14.24	100% SUBMITTAL

PROJECT NUMBER
240004

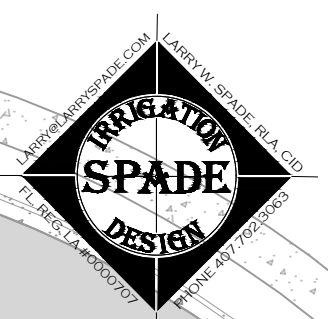
DRAWING NAME
**IRRIGATION
DETAILS**

DRAWING NUMBER

L12-2



C:\Egnyre\Shared\Irrigation Design\Todd McCurdy\Sawgrass\240004_L1-0_IRR.dwg-LI2-0 IRRIGATION PLAN May 13, 2024 Larry



Inspire
PLACEMAKING COLLECTIVE

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

**SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT**
LAKE COUNTY, FLORIDA

Todd McCurdy, FASLA, PLA
00001084

NO.	DATE	DESCRIPTION
	01.22.24	90% SUBMITTAL
	03.14.24	100% SUBMITTAL

PROJECT NUMBER
240004

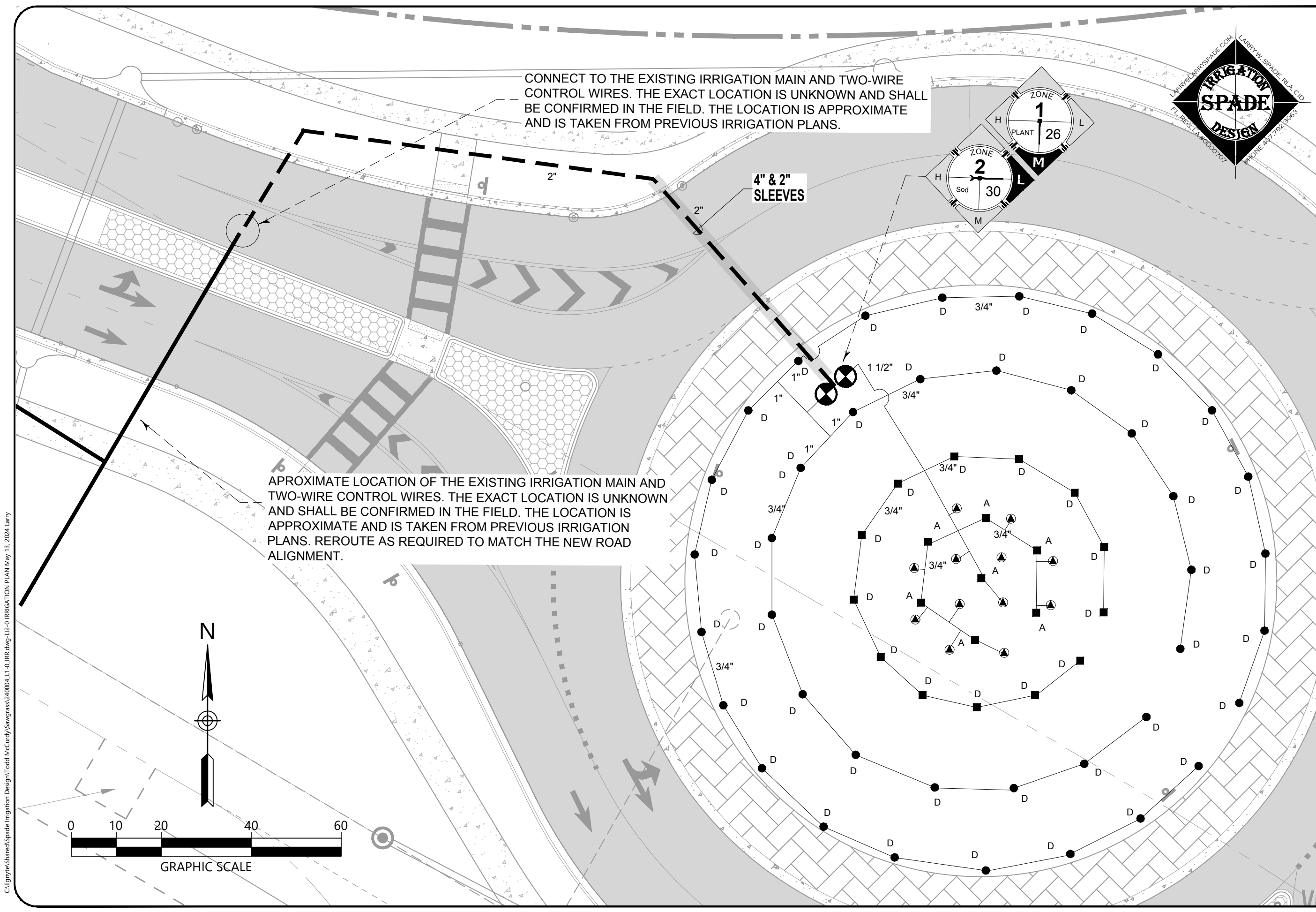
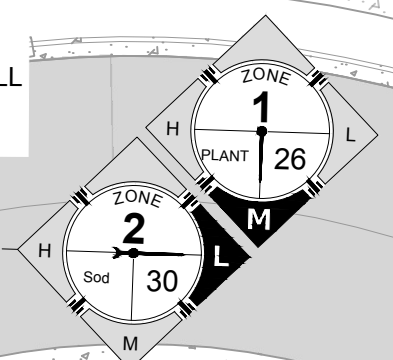
DRAWING NAME
IRRIGATION PLAN

DRAWING NUMBER
LI2-0

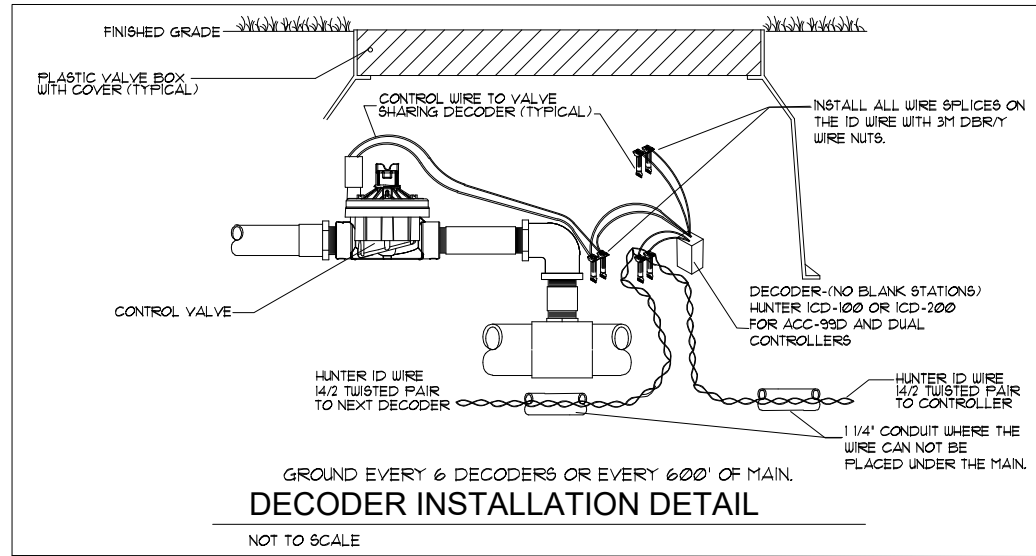
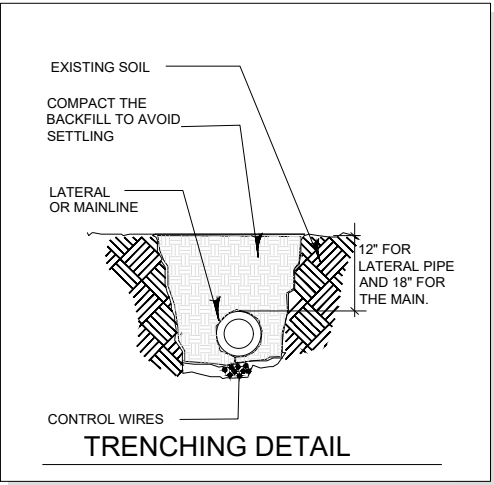
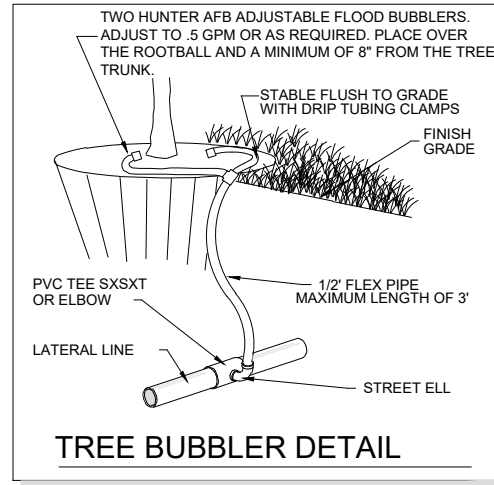
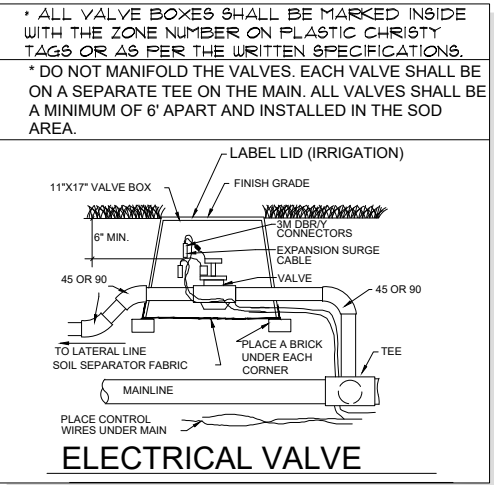
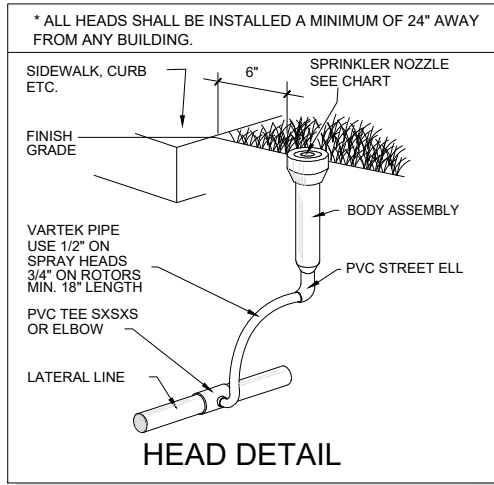
CONNECT TO THE EXISTING IRRIGATION MAIN AND TWO-WIRE CONTROL WIRES. THE EXACT LOCATION IS UNKNOWN AND SHALL BE CONFIRMED IN THE FIELD. THE LOCATION IS APPROXIMATE AND IS TAKEN FROM PREVIOUS IRRIGATION PLANS.

APROXIMATE LOCATION OF THE EXISTING IRRIGATION MAIN AND TWO-WIRE CONTROL WIRES. THE EXACT LOCATION IS UNKNOWN AND SHALL BE CONFIRMED IN THE FIELD. THE LOCATION IS APPROXIMATE AND IS TAKEN FROM PREVIOUS IRRIGATION PLANS. REROUTE AS REQUIRED TO MATCH THE NEW ROAD ALIGNMENT.

4" & 2" SLEEVES



C:\Egnyre\Shared\Spade Irrigation Design\Todd McCurdy\Sawgrass\240004_L1-0_IRR.dwg-L12-1 IRRIGATION DETAILS Feb 23, 2024 Larry



LEGEND

REFER TO THE RECLAIMED WATER NOTES
USE HUNTER MP ROTATOR NOZZLES

	HUNTER PRS40 SPRAY SERIES 6" POP-UP
	HUNTER PRS40 SPRAY SERIES 12" POP-UP
	TWO HUNTER AFB ADJUSTABLE FLOOD BUBBLERS PER TREE.
	CLASS 200 PURPLE PVC MAINLINE-2"
	CLASS 200 PVC PURPLE LATERAL LINE- SIZE AS SHOWN UNTIL A SMALLER SIZE IS SHOWN. MINIMUM SIZE OF 3/4" (EXCEPT RISERS AND FLEX PIPE)
	HUNTER ICV ELECTRIC VALVE. SIZE AS SHOWN BELOW. INSTALL VALVE IN A 11"X17" PURPLE VALVE BOX AND COVER 0-25 GPM=1" 26-50 GPM=1 1/2"

GENERAL NOTES

- 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.
- 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.
- 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.
- 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.
- 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.
- ALL CONTROL WIRE CONNECTIONS SHALL BE MADE IN VALVE BOXES USING 3M DBR-Y WIRE CONNECTORS AND SEALANT WITH WIRE NUTS.
- 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.
- ALL VALVES, GATE VALVES AND QUICK COUPLERS SHALL BE INSTALLED IN VALVE BOXES. THE VALVE BOXES SHALL BE PURPLE WHEN USING RECLAIMED WATER.
- 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.
- 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.
- 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.
- 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.
- ELECTRICAL SERVICE TO LOCATION OF THE CONTROLLER, WELL OR PUMP SHALL BE PROVIDED TO A JUNCTION BOX OR DISCONNECT AT THE EQUIPMENT LOCATION BY THE ELECTRICAL CONTRACTOR OR BY OWNER WHEN IT IS NOT PART OF THE BID PACKAGE. CONFIRM THE LOCATION OF THE CONTROLLER WITH THE OWNER OR GENERAL CONTRACTOR BEFORE ANY INSTALLATION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SCALE THE PLAN AND CHECK NOZZLE TYPES TO DETERMINE THE CORRECT SPACING OF THE HEADS. THE CONTRACTOR SHALL NOT SPACE THE HEADS FURTHER APART OR USE LESS HEADS THAN SHOWN ON THE PLAN. ANY CHANGES TO THE HEAD SPACING OR LAYOUT, WITHOUT THE CONSENT OF THE LANDSCAPE ARCHITECT OR OWNER, SHALL HOLD THE IRRIGATION CONTRACTOR RESPONSIBLE FOR WARRANTY OF THE PLANTS AND OR SOD IN THESE AREAS.
- 48 HOURS BEFORE DIGGING, CALL 1-800-432-4770 (SUNSHINE STATE ONE CALL CENTER)
- INSTALL THREE EXTRA CONTROL WIRES TO EACH TERMINATION OF THE MAIN. ALL CONTROL WIRES SHALL BE INSTALLED INSIDE OF SCH. 40 GRAY PVC CONDUIT WHERE THEY CANNOT BE UNDER THE MAIN.



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

SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT
LAKE COUNTY, FLORIDA

Todd McCurdy, FASLA, PLA
00001084

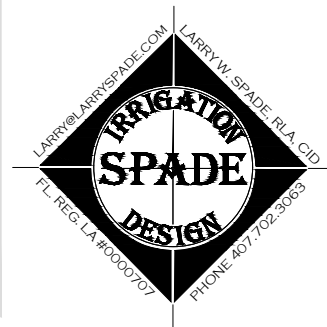
NO.	DATE	DESCRIPTION
	01.22.24	90% SUBMITTAL

PROJECT NUMBER
240004

DRAWING NAME
IRRIGATION
DETAILS

DRAWING NUMBER

L12-1

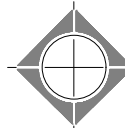




4767 New Broad Street,
Orlando, FL, 32814
Ph. 407.202.8387

SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT

LAKE COUNTY, FLORIDA

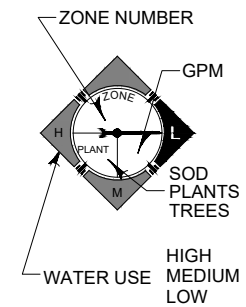


RECLAIMED WATER REQUIREMENTS

- 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	SPEC.	COLOR	G.P.M. 40 PSI	DISTANCE	RADIUS	ZONE LABELS
A	MP2000	RED	1.47	19'	FULL	360°
B	MP CORNER	TURQUOISE	.45	14'	CORNER	105°
C	MP CORNER	TURQUOISE	.19	14'	CORNER	45°
D	MP2000	BLACK	.74	19'	HALF	180°
F	MP2000	BLACK	.40	19'	QUARTER	90°
G	MP END STRIP	COPPER	.22	5' X 15'	END STRIP	
H	RAIN. XPCN	BLACK	.23	4.5'	HALF PATTERN	
K	MP815	OLIVE	1.87	8'-16'	FULL	360°
M	MP SIDE S	BROWN	.44	5' X 30'	SIDE STRIP	
S	MP815	MAROON	.49	8'-16'	90° - 180°	
T	MP815	MAROON	.93	8'-16'	90° - 180°	
V	MP3000	BLUE	.86	30'	QUARTER	90°
W	MP3000	BLUE	1.82	30'	HALF	180°
X	MP3000	YELLOW	2.73	30'	THREE QTR.	270°
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.

Todd McCurdy, FASLA, PLA
00001084

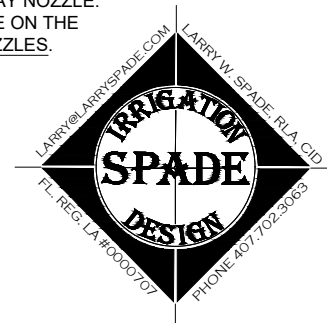
NO.	DATE	DESCRIPTION
	01.22.24	90% SUBMITTAL

PROJECT NUMBER
240004

DRAWING NAME
**IRRIGATION
DETAILS**

DRAWING NUMBER

L12-2

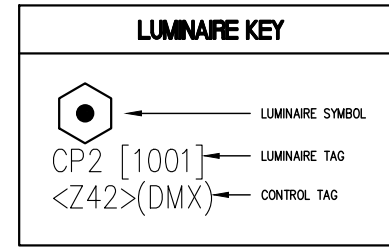


H:\00005\001\20240000\Sawgrass Roundabout\65 Drawings\Sawgrass Bay Blvd Roundabout\Sheets\Lighting\USS-24024024-00_0_LD-0-Legend.dwg - Legend Apr 30, 2024 dikoni

PATH		
NORMAL	EMERGENCY	
		BOLLARD
		RECESSED
		SURFACE

POLE		
NORMAL	EMERGENCY	
		NO LIGHT SOURCE
		SINGLE HEAD
		MULTIPLE HEAD

ACCENT		
NORMAL	EMERGENCY	
		SURFACE
		WALL
		TRACK



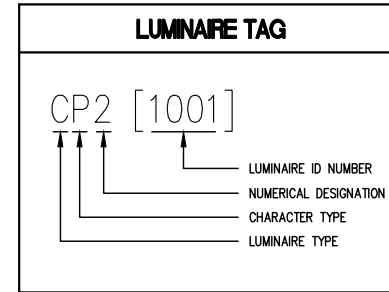
CHARACTER TYPE	
B	BOLLARD / SHORT BASE
C	CLOSE CEILING
F	FAN
L	GAS FLAME FOR LUMINAIRE
M	LAMPOST
P	MULTILAMP / FESTOON
R	PENDANT
S	RECEPTACLE FOR LUMINAIRE
T	SURFACE
W	TABLE LAMP
W	WALL MOUNTED

- GENERAL NOTES**
- ALL INFORMATION PROVIDED ON THE LEGEND SHEET MAY NOT BE IMPLEMENTED INTO THE PROJECT.
 - "LD" DRAWINGS ARE FOR INFORMATION ONLY, REFER TO THE ELECTRICAL DRAWING FOR CIRCUIT INFORMATION.
 - REFER TO FIXTURE SPECIFICATIONS FOR COMPLETE FIXTURE INFORMATION.
 - REFER TO FIXTURE MOUNTING DETAIL SHEETS FOR SPECIFIC MOUNTING CONDITIONS.
 - 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.
 - 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.
 - INFORM CONSTRUCTION MANAGER IN WRITING IN A TIMELY WAY OF ANY DISCREPANCIES DISCOVERED.
 - 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

CHARACTER		
NORMAL	EMERGENCY	
		SURFACE
		PENDANT
		WALL
		BASE W/ HEAD

LINEAR		
NORMAL	EMERGENCY	
		ADJUSTABLE
		SET
		MULTILAMP
		SLOT

POWER		
NORMAL	EMERGENCY	
		POWER SUPPLY
		POWER / DATA
		POWER SOURCE
		JUNCTION BOX



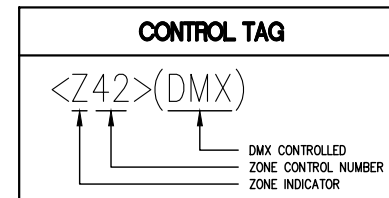
LUMINAIRE TYPE	
A	ACCENT / AIMABLE
B	BOLLARD / PATH/STEP
C	CHARACTER
D	DOWNLIGHT
E	SPECIALTY / THEATRICAL
F	FLOODLIGHT / SPOTLIGHT
G	INGRADE
H	HIGH BAY / HAZARDOUS
I	INDIRECT
J	JUNCTION BOX
K	C(K)LEAN/GASKETED
L	LINEAR
M	MULTILAMP / STRING LIGHTS
N	NICHE / COVE
O	[NOT USED]
P	POLE / PARKING
Q	POWER SUPPLIES
R	TROFFER
S	SURFACE / STRIPLIGHT
T	TRACK
U	UNDERWATER
V	VANDAL
W	WORKLIGHT / WALLPACK
X	EXIT / EMERGENCY
Y	GRAPHIC
Z	[USED IN ZONING]

DEMOLITION	
< R >	EXISTING TO BE REMOVED
< RL >	EXISTING TO BE RELOCATED
< X >	EXISTING TO REMAIN
< NL >	EXISTING - NEW LOCATION

IN-GRADE		
NORMAL	EMERGENCY	
		IN-GRADE
		DIRECTIONAL

UNDERWATER		
NORMAL	EMERGENCY	
		UNDERWATER
		SURFACE

GENERAL		
NORMAL	EMERGENCY	
		PENDANT
		WALL



LUMINAIRE SCHEDULE																						
REV	Δ	FIXTURE									LIGHT SOURCE							VOLTAGE	FIXTURE LOAD	CONTROL GEAR	ACCESSORIES	NOTES
		TYPE	MANUFACTURER	REPRESENTATIVE	PART NO	DESCRIPTION	DIMENSIONS	UL/IP	FINISH	MATERIAL	MOUNTING	MANUFACTURER	PART NO	QTY	OPTIC	CCT	CRI					
A: ACCENT; AIMABLE																						
	A1	GARDEN LIGHT LED	IAL # THOMAS WUNDERLICH 689.220.8303	VISIONS-3000K-SW-FIN TBD; STAKE-LV150	LANDSCAPE UPLIGHT - MEDIUM BEAM	2.25"DIA x 5.8"L	ETL; IP66	TBD	ALUMINUM	STAKE	INTEGRAL	WHITE LED	1	25 DEG	3000K	80	660	9 W	12 VAC	15.0	REMOTE TRANSFORMER 'PSU1'	
P: POLE; PARKING																						
	P1	RECOVERED ENERGY TECHNOLOGIES	-	HEAD: CORLIGHT LS35 (UP 4-H-NR) POLE: ALLIANCE COMPOSITE #DX26AXDN3X6	SINGLE HEADED ROADWAY POLE WITH INTEGRAL SOLAR PANELS	TBD	UL	MATCH EXSTING	ALUMINUM/ COMPOSITE	DIRECT BURIAL	INTEGRAL	WHITE LED	1	MATCH	MATCH	70	6400	MATCH	MATCH		SOLAR	1
Q: POWER SUPPLIES																						
	PSU1	GARDEN LIGHT LED	IAL # THOMAS WUNDERLICH 689.220.8303	102WLED-SS	SURFACE MOUNT REMOTE TRANSFORMER FOR LANDSCAPE ACCENTS - 100W	4.25"D x 5" W x 11"H	UL NEMAS-15	-	STAINLESS STEEL	SURFACE	-	-	-	-	-	-	-	100W	120/12VAC	100.0	NON-DM	

NOTE S:
 1. SUBMIT SHOP DRAWINGS WITH STATE OF FLORIDA REGISTERED ENGINEER'S CALCULATIONS TO MEET FBC WIND LOAD REQUIREMENTS (LATEST STANDARDS) FOR POLE ASSEMBLY INCLUDING DIMENSIONS AND POLE/FIXTURE EPA RATINGS.



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

SAWGRASS BAY BOULEVARD
 MULTILANE ROUNDABOUT
 LAKE COUNTY, FLORIDA

exp U.S. Services Inc.
 E +1.407.660.0088 | F +1.407.660.1655
 2601 Westhall Lane
 Maitland, FL 32751
 U.S.A.
 www.exp.com
 USS-24024024-00
 Cert of Auth: 29701



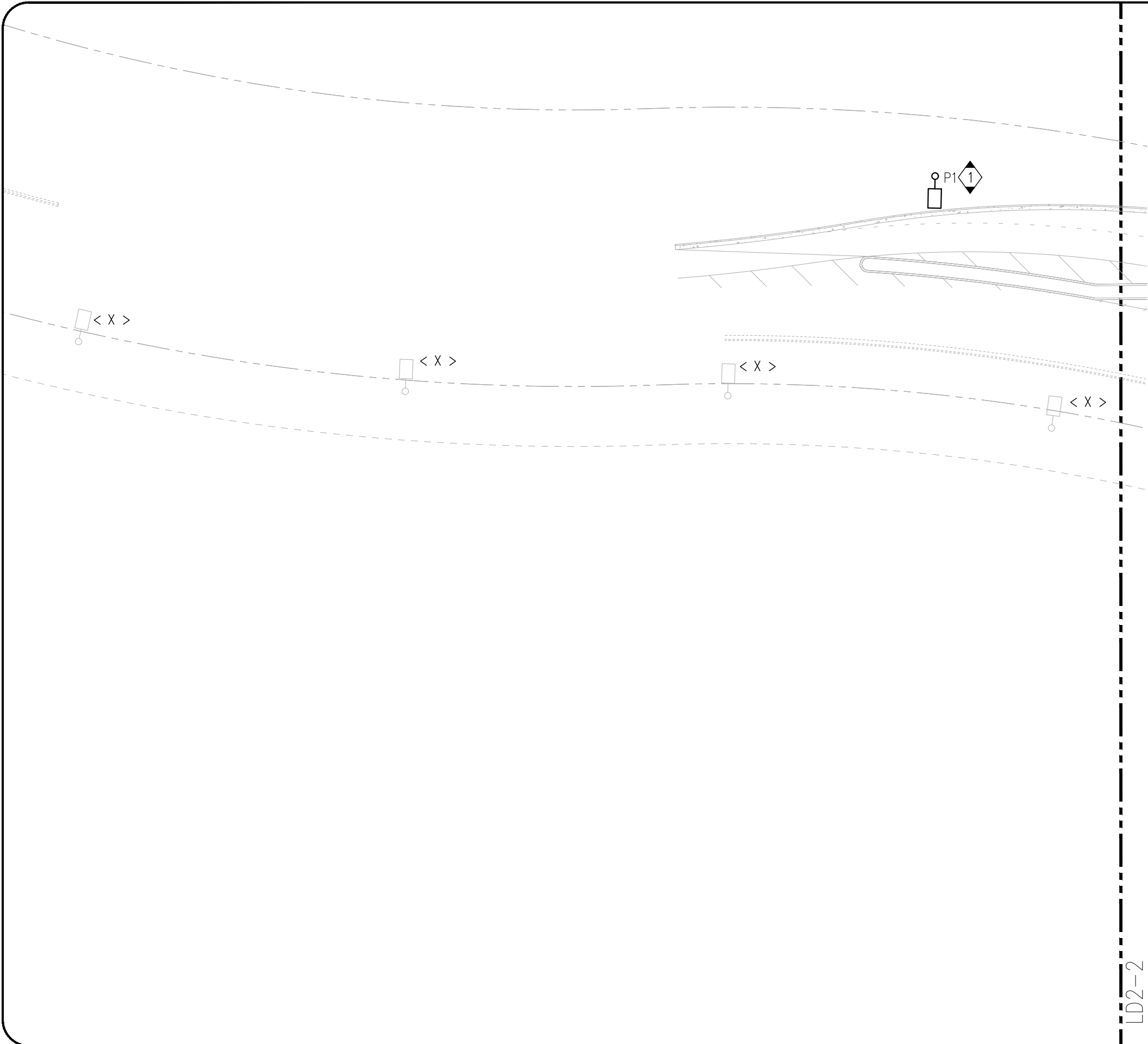
NO.	DATE	DESCRIPTION
1	02.22.24	90% SUBMITTAL
2	04.30.24	100% SUBMITTAL

PROJECT NUMBER
240004

DRAWING NAME
LEGEND & SCHEDULE

DRAWING NUMBER
LD0-0

H:\00005\00_2024000\00_Sawgrass Roundabout\60 Execution\65 Drawings\Roundabout\Bld Roundabout\Bld Roundabout\Lighting\SS-24024024-00_2_LD-Street.dwg - LD2-1 Site Plan Area 1 Apr 30, 2024 dixoni



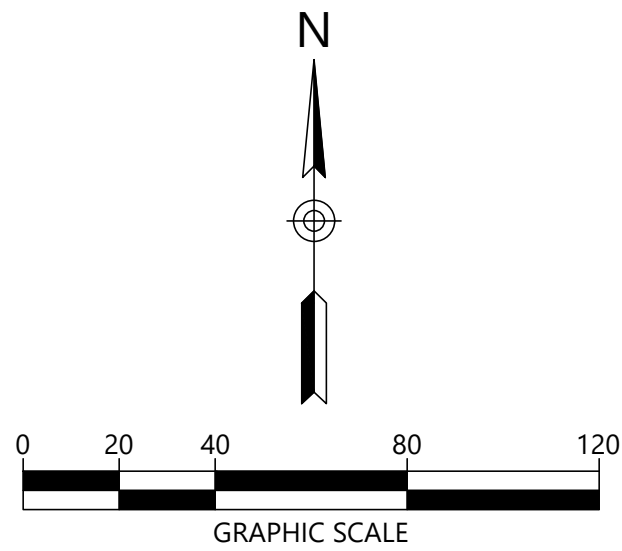
GENERAL NOTES:

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>.
2. PHOTOMETRIC CALCULATIONS BY OTHERS AND OWNER TO COORDINATE FINAL LOCATIONS BASED ON PHOTOMETRIC LAYOUT AND CIVIL PLANS PRIOR TO INSTALLATION.

KEY NOTES:

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

LD2-2



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

**SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT**

LAKE COUNTY, FLORIDA

exp U.S. Services Inc.
E: +1.407.660.0088 | F: +1.407.660.1655
2601 Westhall Lane
Maitland, FL 32751
U.S.A.

www.exp.com
USS-24024024-00
Cert of Auth: 29701



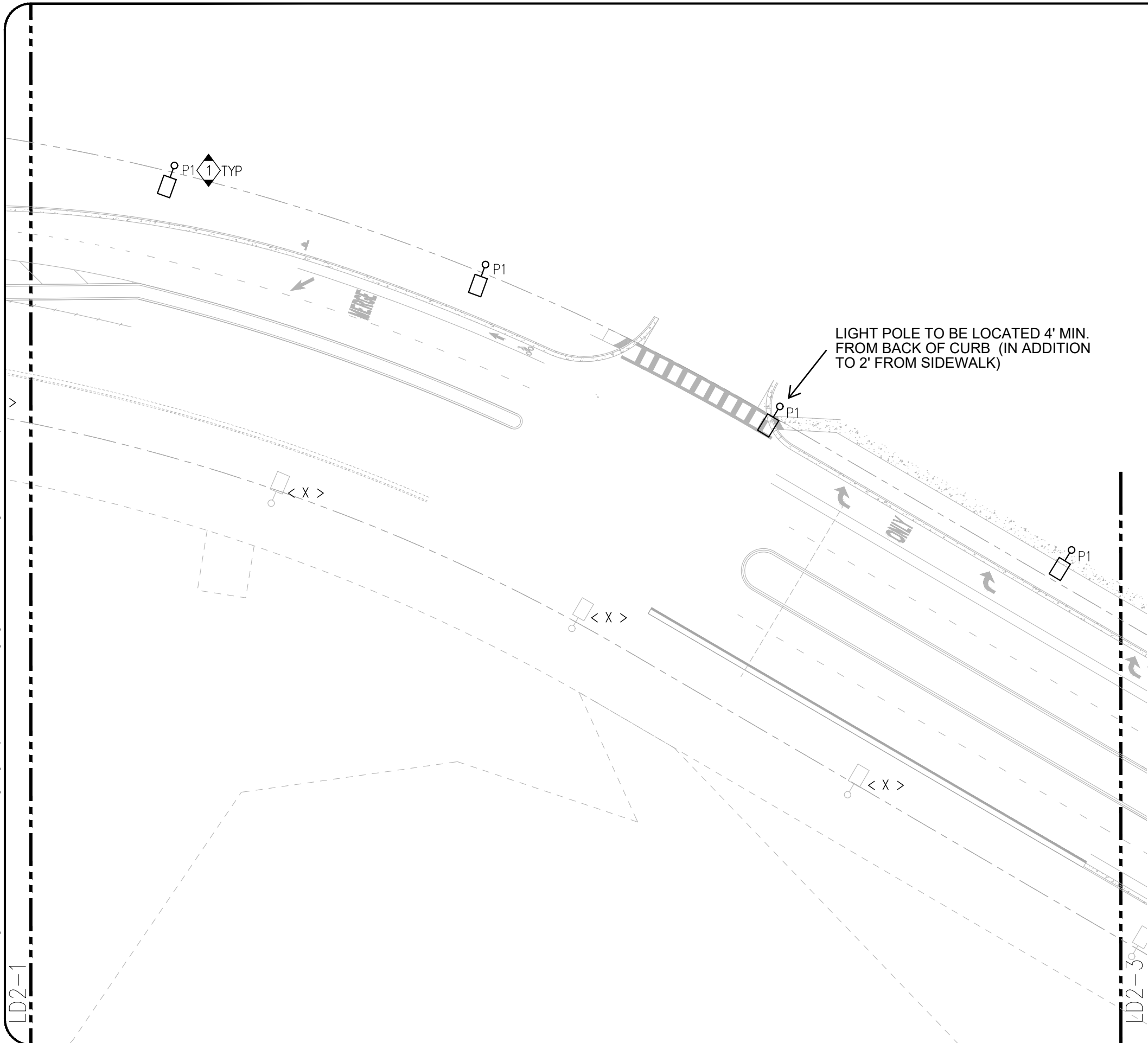
NO.	DATE	DESCRIPTION
1	02.22.24	90% SUBMITTAL
2	04.30.24	100% SUBMITTAL

PROJECT NUMBER
240004

DRAWING NAME
SITE PLAN AREA 1

DRAWING NUMBER
LD2-1

H:\00005.000\2024\000\000\Sawgrass Roundabout\60 Execution\65 Drawings\Sawgrass Bay Blvd Roundabout\Sheets\Lighting\USS-24024024-00_2_LD-Street.dwg - LD2-2 Site Plan Area 2 Apr 30, 2024 dixonl



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>.
2. PHOTOMETRIC CALCULATIONS BY OTHERS AND OWNER TO COORDINATE FINAL LOCATIONS BASED ON PHOTOMETRIC LAYOUT AND CIVIL PLANS PRIOR TO INSTALLATION.

KEY NOTES:

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



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

**SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT**

LAKE COUNTY, FLORIDA

exp U.S. Services Inc.
E +1.407.660.0088 | F +1.407.660.1655
2601 Westhall Lane
Maitland, FL 32751
U.S.A.

www.exp.com
USS-24024024-00
Cert of Auth: 29701



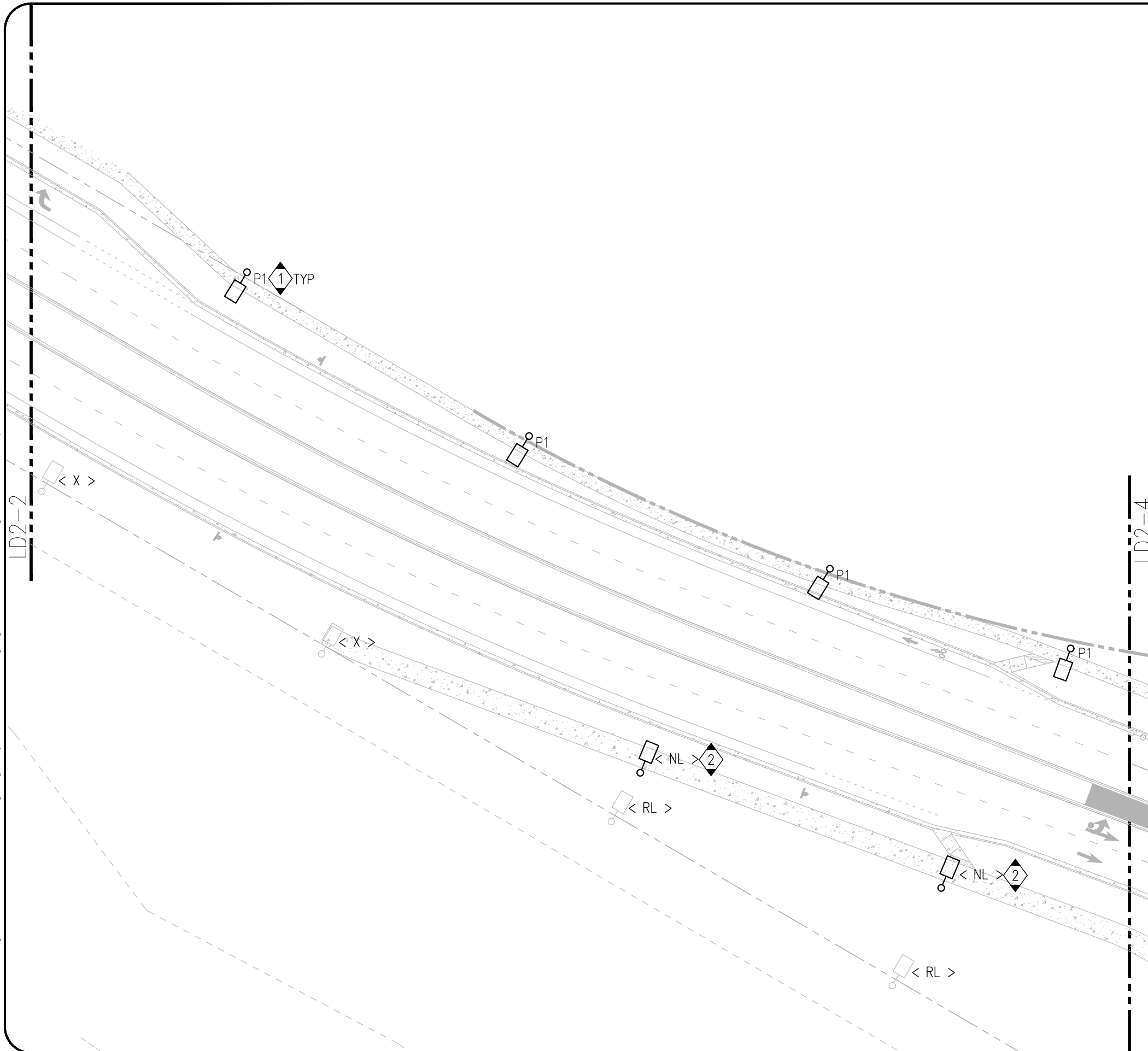
NO.	DATE	DESCRIPTION
1	02.22.24	90% SUBMITTAL
2	04.30.24	100% SUBMITTAL

PROJECT NUMBER
240004

DRAWING NAME
SITE PLAN AREA 2

DRAWING NUMBER
LD2-2

H:\00005\000_2024000\000_Sawgrass_Roundabout\60_Execution\65_Drawings\Sawgrass_Bay_Bld_Roundabout\Sheets\Lighting\USS-24024024-00_2_LD-Street.dwg - LD2-3 Site Plan Area 3 Apr 30, 2024 dixoni



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>.
2. PHOTOMETRIC CALCULATIONS BY OTHERS AND OWNER TO COORDINATE FINAL LOCATIONS BASED ON PHOTOMETRIC LAYOUT AND CIVIL PLANS PRIOR TO INSTALLATION.

KEY NOTES:

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



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

**SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT**

LAKE COUNTY, FLORIDA

exp U.S. Services Inc.
E +1.407.660.0088 | F +1.407.660.1655
2601 Westhall Lane
Maitland, FL 32751
U.S.A.

www.exp.com
USS-24024024-00
Cert of Auth: 29701

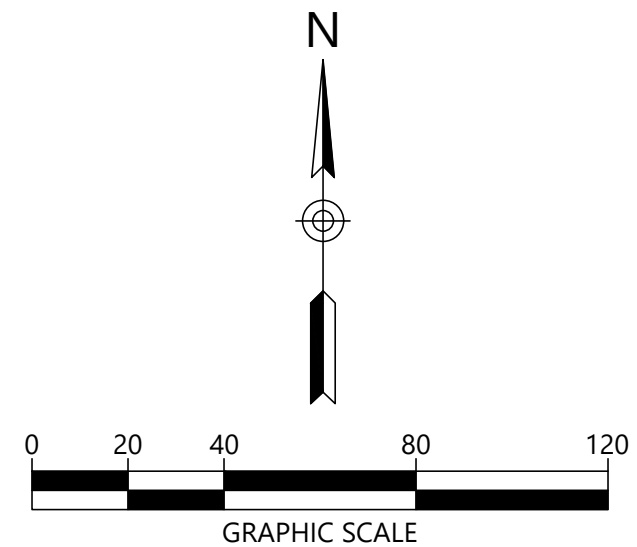


NO.	DATE	DESCRIPTION
1	02.22.24	90% SUBMITTAL
2	04.30.24	100% SUBMITTAL

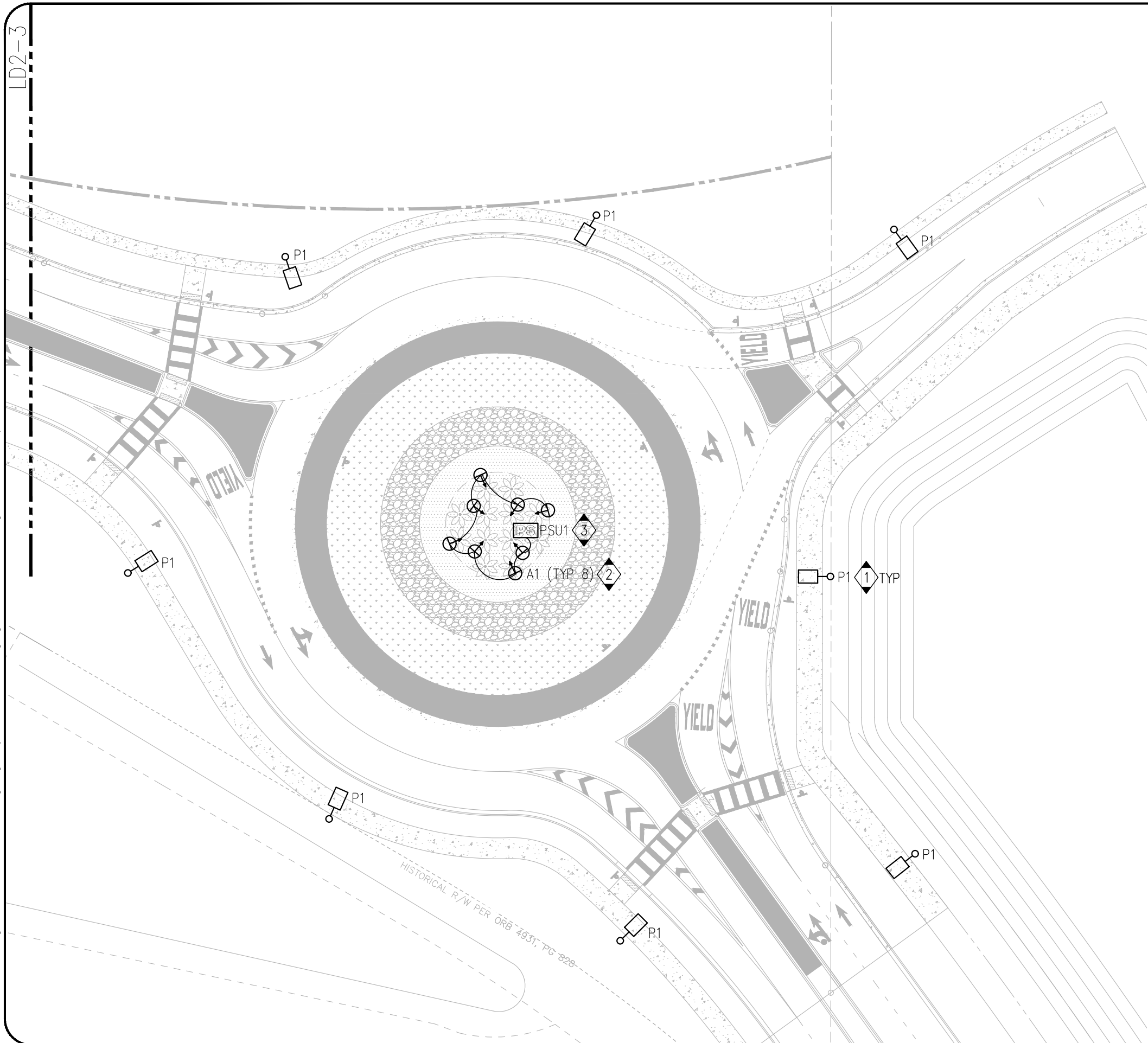
PROJECT NUMBER
240004

DRAWING NAME
SITE PLAN AREA 3

DRAWING NUMBER
LD2-3



H:\00005\00_2024000\Sawgrass Roundabout\65 Drawings\Sawgrass Bay Blvd Roundabout\Sheets\Lighting\USS-24024024-00_2_LD-Strcdwg-LD2-4_Site Plan Area 4 Apr 30, 2024 dixonl



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>.
2. PHOTOMETRIC CALCULATIONS BY OTHERS AND OWNER TO COORDINATE FINAL LOCATIONS BASED ON PHOTOMETRIC LAYOUT AND CIVIL PLANS PRIOR TO INSTALLATION.

KEY NOTES:

- 1 LIGHT POLE WITH INTEGRAL SOLAR PANELS SHALL MATCH EXISTING ROADWAY SPECIFICATIONS. POLE SHALL BE LOCATED 2'-0" BEHIND SIDEWALK PER ORIGINAL PLANS.
- 2 PROVIDE 5'-0" OF LOW VOLTAGE CABLE COILED AT BASE OF EACH LANDSCAPE ACCENT FOR FIELD LOCATING . FINAL AIMING SHALL BE PERFORMED IN FIELD WITH LIGHTING DESIGNER AND ELECTRICIAN ONCE LANDSCAPE FEATURES ARE INSTALLED. FIXTURE SHALL BE FULLY OPERATIONAL AT TIME OF SITE VISIT. FIXTURES TO BE CONTROLLED TO TURN ON AT DUSK AND OFF AT DAWN UNLESS OTHERWISE NOTED.
- 3 SURFACE MOUNTED TRANSFORMER MOUNTED TO POST WITH BOTTOM AT 18" AFF. CONCEAL OUT OF VIEW.



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

**SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT**

LAKE COUNTY, FLORIDA

exp U.S. Services Inc.
E: +1.407.660.0088 | F: +1.407.660.1655
2601 Westhall Lane
Maitland, FL, 32751
U.S.A.

www.exp.com
USS-24024024-00
Cert of Auth: 29701



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

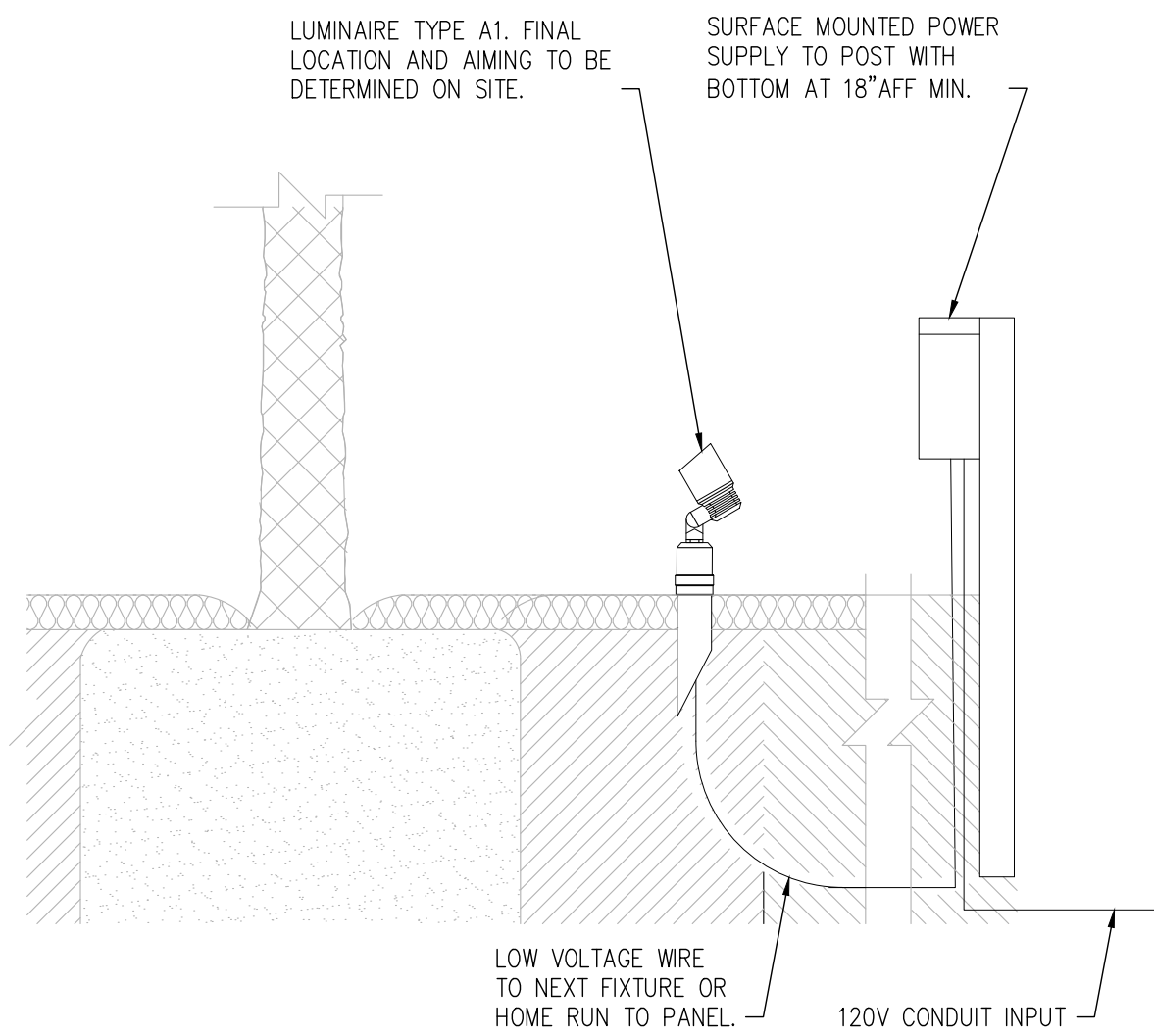
PROJECT NUMBER
240004

DRAWING NAME
SITE PLAN AREA 4

DRAWING NUMBER

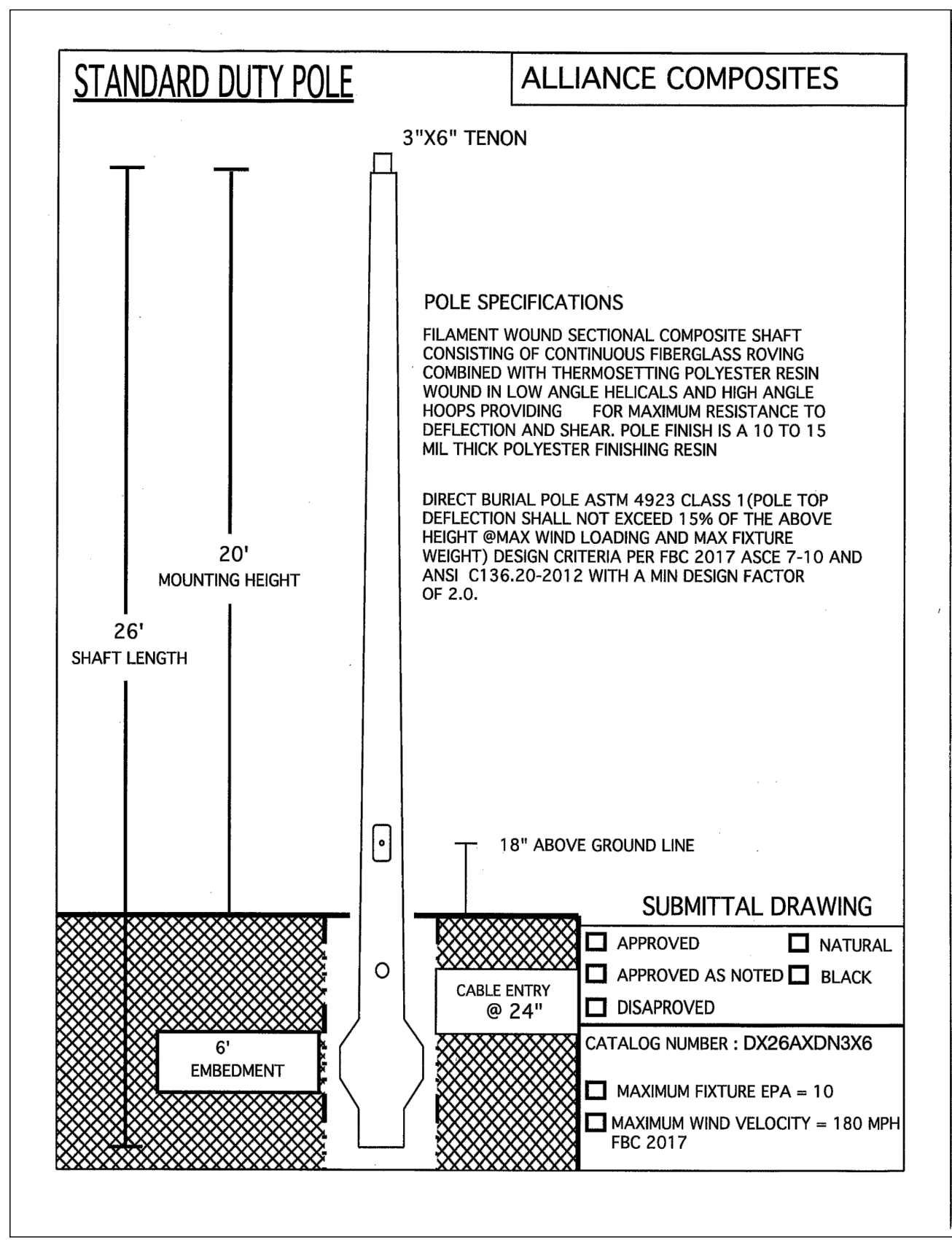
LD2-4

H:\00005\00_2024000\00_Sawgrass Roundabout\65 Drawings\Roundabout\65 Drawings\Sawgrass Bay Blvd Roundabout\Sheets\Lighting\USS-24024024-00_7_LD-Details.dwg -LD6-0 Details May 01, 2024 dixonl



LANDSCAPE ACCENT

SCALE: NTS B



POLE BASE

SCALE: NTS A



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

SAWGRASS BAY BOULEVARD
MULTILANE ROUNDABOUT

LAKE COUNTY, FLORIDA

exp U.S. Services Inc.
E: +1.407.660.0088 | F: +1.407.660.1655
2601 Westhall Lane
Maitland, FL 32751
U.S.A.
www.exp.com
USS-24024024-00
Cert of Auth: 29701



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

PROJECT NUMBER
240004

DRAWING NAME
DETAILS

DRAWING NUMBER
LD6-0