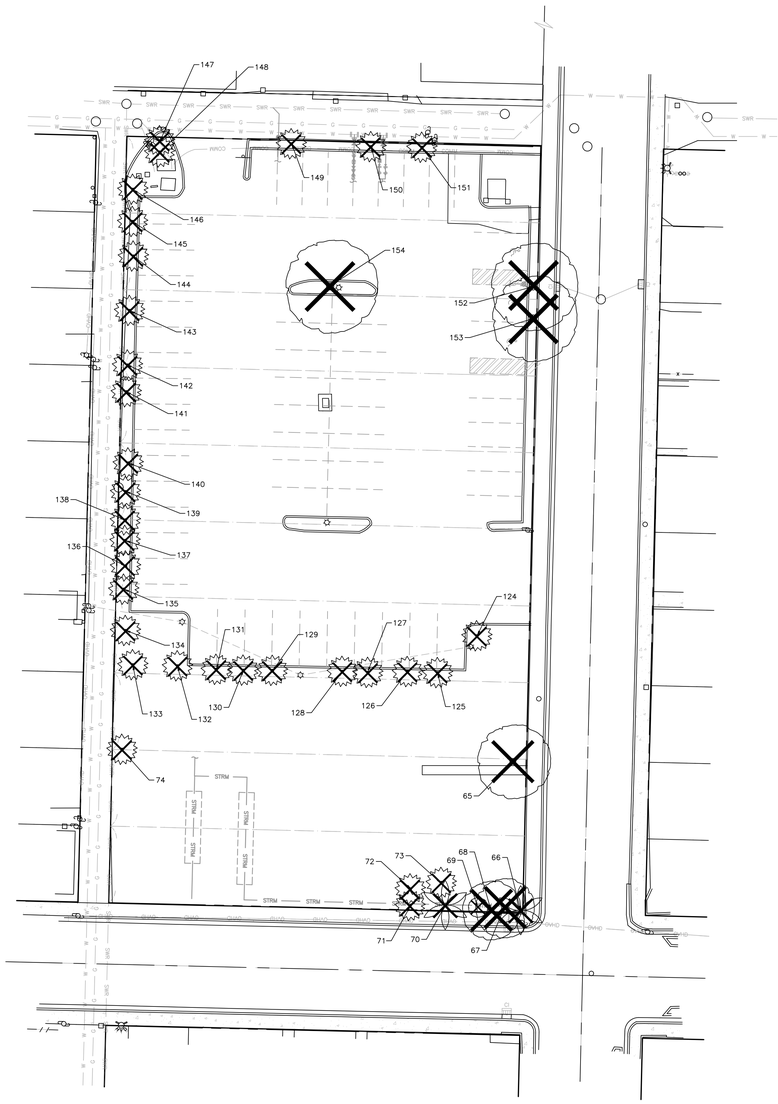

DISPOSITION LEGEND

TREES AND PALMS TO REMAIN

TREES AND PALMS TO BE REMOVED

TREES AND PALMS TO BE RELOCATED

TREE DISPOSITION CHART

TREE #	Common Name	Botanical Name	DBH Inches	Condition Structure	Condition Vigor	Disposition
65	Tropical Almond	*Terminalia catappa*	10	Poor	Fair	REMOVE
66	Cabbage Palm	*Sabal palmetto*	14	Fair	Fair	REMOVE
67	Gumbo Limbo	*Bursea simaruba*	6	Poor	Fair	REMOVE
68	Gumbo Limbo	*Bursea simaruba*	6	Poor	Fair	REMOVE
69	Draceana	*Draceana sp.*	3	Poor	Fair	REMOVE
70	Coconut Palm	*Cocos nucifera*	7	Fair	Fair	REMOVE
71	Cabbage Palm	*Sabal palmetto*	12	Good	Fair	REMOVE
72	Cabbage Palm	*Sabal palmetto*	12	Fair	Fair	REMOVE
73	Cabbage Palm	*Sabal palmetto*	12	Fair	Fair	REMOVE
74	Cabbage Palm	*Sabal palmetto*	12	Good	Fair	REMOVE
124	Cabbage Palm	*Sabal palmetto*	13	Fair	Good	REMOVE
125	Cabbage Palm	*Sabal palmetto*	12	Good	Good	REMOVE
126	Cabbage Palm	*Sabal palmetto*	11	Good	Good	REMOVE
127	Cabbage Palm	*Sabal palmetto*	11	Good	Good	REMOVE
128	Cabbage Palm	*Sabal palmetto*	12	Fair	Good	REMOVE
129	Cabbage Palm	*Sabal palmetto*	12	Fair	Good	REMOVE
130	Cabbage Palm	*Sabal palmetto*	14	Fair	Good	REMOVE
131	Cabbage Palm	*Sabal palmetto*	10	Good	Good	REMOVE
132	Cabbage Palm	*Sabal palmetto*	12	Poor	Good	REMOVE
133	Cabbage Palm	*Sabal palmetto*	10	Fair	Good	REMOVE
134	Cabbage Palm	*Sabal palmetto*	9	Fair	Good	REMOVE
135	Cabbage Palm	*Sabal palmetto*	9	Fair	Good	REMOVE
136	Cabbage Palm	*Sabal palmetto*	12	Good	Good	REMOVE
137	Cabbage Palm	*Sabal palmetto*	11	Good	Good	REMOVE
138	Cabbage Palm	*Sabal palmetto*	11	Good	Good	REMOVE
139	Cabbage Palm	*Sabal palmetto*	9	Fair	Good	REMOVE
140	Cabbage Palm	*Sabal palmetto*	10	Fair	Good	REMOVE
141	Cabbage Palm	*Sabal palmetto*	10	Good	Good	REMOVE
142	Cabbage Palm	*Sabal palmetto*	10	Good	Good	REMOVE
143	Cabbage Palm	*Sabal palmetto*	10	Fair	Good	REMOVE
144	Cabbage Palm	*Sabal palmetto*	11	Fair	Good	REMOVE
145	Cabbage Palm	*Sabal palmetto*	11	Fair	Good	REMOVE
146	Cabbage Palm	*Sabal palmetto*	10	Fair	Good	REMOVE
147	Cabbage Palm	*Sabal palmetto*	11	Fair	Good	REMOVE
148	Cabbage Palm	*Sabal palmetto*	6	Poor	Fair	REMOVE
149	Cabbage Palm	*Sabal palmetto*	10	Fair	Good	REMOVE
150	Cabbage Palm	*Sabal palmetto*	7	Poor	Fair	REMOVE
151	Cabbage Palm	*Sabal palmetto*	13	Good	Good	REMOVE
152	Mahogany	*Swietenia mahagoni*	19	Poor	Fair	REMOVE
153	Mahogany	*Swietenia mahagoni*	18	Poor	Fair	REMOVE
154	Mahogany	*Swietenia mahagoni*	22	Poor	Fair	REMOVE

TREE MITIGATION CHART

TOTAL DBH TO BE REMOVED	71"
TOTAL QTY OF PALMS TO BE REMOVED	34
TOTAL QTY OF PALMS TO BE RELOCATED	0
TOTAL QTY OF TREES TO BE RELOCATED	0
APPROXIMATE DBH PROPOSED	46"
TOTAL QTY OF PALMS PROPOSED	33

NOTES:

Tree locations and condition analysis information from plan and notes prepared by Certified Arborist Andrew Tellier FL–0830A.

Tree relocation and removal to be per the list. Tree dispositions to be confirmed with city staff during permit phase. Mitigation requirements to be determined by City staff as per code.

Refer to Tree Survey by others for complete list of existing trees.

Provide tree protection per City standards for trees to remain.

GRAPHIC SCALE

0 10 20 40

(IN FEET)

1 INCH = 20 FEET

This item has been digitally signed and sealed by Brian R. Shore, PLA on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

ML PROJECT No. 25-00093

811 SAFETY IS IN YOUR HANDS. EVERY DIG. EVERY TIME.

LANDSCAPE ARCHITECT BRIAN R. SHORE LA6666770 STATE OF FLORIDA

APPROVED : BRIAN R. SHORE, PLA

FLA. REGISTRATION No. LA6666770 DATE : 4/8/2026

FILE NAME: V:\Projects\2025\25-00093 - LAKE WORTH K STREET GARAGE\Drawings\25-00093_TDP.dwg

DATE STAMP: 4/8/2026 11:09:34 AM

CLIENT

SUNSHINE LAKE WORTH DEVELOPMENT LLC
166 Montague Street
Brooklyn, NY 11201
T Client Phone

ARCHITECT

PGAL

PGAL, Inc.
791 Park of Commerce Blvd.
Suite 400
Boca Raton, FL 33487
T 561 988 4002

www.pgal.com

MILLER LEGG
South Florida Office: 13680 NW 5th Street, Suite 200
Sunrise, Florida · 33325
954-436-7000
www.millerlegg.com
Certificate of Authorization: LB6680

REGISTRATION

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DRAWING HISTORY

	DATE	DESCRIPTION
A	01/09/2026	PLANNING & ZONING SUBMITTAL
B	04/06/2026	P&Z COMMENTS

PROJECT NAME

LAKE WORTH BEACH PARKING STRUCTURE

PROJECT LOCATION

25 SOUTH K St. LAKE WORTH BEACH, FL 33460

PROJECT NUMBER

1008542

SHEET TITLE

TREE DISPOSITION PLAN

SHEET NUMBER

L1.00

IRRIGATION NOTES:

THE SYSTEM HAS BEEN DESIGNED TO CONFORM WITH THE REQUIREMENTS OF ALL APPLICABLE CODES. SHOULD ANY CONFLICT EXIST, THE REQUIREMENTS OF THE CODES SHALL PREVAIL. IT IS THE RESPONSIBILITY OF THE OWNER/INSTALLATION CONTRACTOR TO INSURE THE ENTIRE SYSTEM IS INSTALLED ACCORDING TO ALL APPLICABLE LAWS, RULES, REGULATIONS AND CONVENTIONS. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS ACCORDING TO FEDERAL, STATE AND LOCAL LAWS.

THE SCOPE OF WORK IS SHOWN ON THE PLANS, NOTES AND DETAILS. THE IRRIGATION CONTRACTOR SHALL BE CERTIFIED AS A CERTIFIED IRRIGATION CONTRACTOR BY THE IRRIGATION ASSOCIATION. THE CERTIFICATION SHALL BE CURRENT AND IN GOOD STANDING.

SCOPE OF WORK

THE WORK SPECIFIED IN THIS SECTION CONSISTS OF FURNISHING ALL COMPONENTS NECESSARY FOR THE INSTALLATION, TESTING, AND DELIVERY OF A COMPLETE, FULLY FUNCTIONAL AUTOMATIC LANDSCAPE IRRIGATION SYSTEM THAT COMPLETELY COMPLIES WITH THE 100% IRRIGATION PLANS, SPECIFICATIONS, NOTES, DETAILS AND ALL APPLICABLE LAWS, REGULATIONS, CODES AND ORDINANCES. THIS WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, THE PROVIDING OF ALL REQUIRED MATERIAL (PIPE, VALVES, FITTINGS, CONTROLLERS, WIRE, PRIMER, GLUE, ETC.), LAYOUT, PROTECTION OF THE PUBLIC, EXCAVATION, ASSEMBLY, INSTALLATION, BACK FILLING, COMPACTING, REPAIR OF ROAD SURFACES, CONTROLLER AND LOW VOLTAGE FEEDS TO VALVES, CLEANUP, MAINTENANCE, GUARANTEE AND AS-BUILT PLANS.

ALL IRRIGATED AREAS SHALL PROVIDE 100% HEAD-TO-HEAD COVERAGE FROM A FULLY AUTOMATIC IRRIGATION SYSTEM WITH A RAIN SENSOR AS SHOWN. THE RAIN SENSOR SHALL BE INSTALLED TO PREVENT ITS ACTIVATION BY ADJACENT HEADS. ALL WATERING PROCEDURES SHALL CONFORM TO LOCAL CODES, AS WELL AS THIS PROJECT'S REGIONAL WATER MANAGEMENT DISTRICT RESTRICTIONS AND REGULATIONS. ZONES ARE PRIORITIZED FIRST BY PUBLIC SAFETY AND THEN BY HYDRAULIC CONCERNS. THIS SEQUENCING WILL BE A MANDATORY PUNCH LIST ITEM. THESE PLANS HAVE BEEN DESIGNED TO SATISFY/EXCEED THE FLORIDA BUILDING CODE (FBC) APPENDIX F AND THE FLORIDA IRRIGATION SOCIETY STANDARDS AND SPECIFICATIONS FOR TURF AND LANDSCAPE IRRIGATION SYSTEMS, FOURTH EDITION.

CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES 72 HOURS PRIOR TO COMMENCEMENT OF WORK.

IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE THEMSELVES WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, STRUCTURES AND UTILITIES. DO NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTION, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN. SUCH OBSTRUCTIONS, OR DIFFERENCES, SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER' AUTHORIZED REPRESENTATIVE. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.

IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ALL EXISTING SITE ITEMS DAMAGED BY THEIR WORK. IRRIGATION CONTRACTOR SHALL COORDINATE THEIR WORK WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERALS THROUGH WALLS, UNDER ROADWAYS AND PAVING, ETC.

THE CONTRACTOR SHALL TAKE IMMEDIATE STEPS TO REPAIR, REPLACE, OR RESTORE ALL SERVICES TO ANY UTILITIES WHICH ARE DISRUPTED DUE TO THEIR OPERATIONS. ALL COSTS INVOLVED IN DISRUPTION OF SERVICE AND REPAIRS DUE TO NEGLIGENCE ON THE PART OF THE CONTRACTOR SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

POINT OF CONNECTION (P.O.C.)

THE P.O.C. IS TO AN EXISTING 10HP AND 160GPM IRRIGATION PUMP. CONTRACTOR SHALL VERIFY THESE MINIMUM CONDITIONS CAN BE MET PRIOR TO BEGINNING IRRIGATION SYSTEM INSTALLATION IF THE CONDITIONS CANNOT BE MET; THE CONTRACTOR MUST NOTIFY THE DESIGNER PRIOR TO PROCEEDING WITH THE WORK. IF THE CONTRACTOR DOES NOT DO SO, THE CONTRACTOR PROCEEDS AT THEIR OWN RISK AND BECOME RESPONSIBLE FOR ANY FUTURE WORK REQUIRED TO MAKE THE SYSTEM PERFORM AS REQUIRED.

PIPING

PIPE LOCATIONS SHOWN ON THE PLAN ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD. WHEN LAYING OUT MAINLINES PLACE A MAXIMUM OF 18" AWAY FROM EITHER THE BACK OF CURB, FRONT OF WALK, BACK OF WALK, OR OTHER HARDSCAPE TO ALLOW FOR EASE IN LOCATING AND PROTECTION FROM PHYSICAL DAMAGE. INSTALL ALL LATERAL PIPE NEAR EDGES OF PAVEMENT OR AGAINST BUILDINGS WHENEVER POSSIBLE TO ALLOW SPACE FOR PLANT ROOT BALLS. ALWAYS INSTALL PIPING INSIDE PROJECT PROPERTY BOUNDARY.

PIPES SHALL ALWAYS BE PLACED IN PLANTING BEDS. IF IT IS NECESSARY TO HAVE PIPING UNDER HARDSCAPES, SUCH AS ROADS, WALKS, AND PATIOS, THE PIPES MUST BE SLEEVED USING SCH 40 PVC WITH THE SLEEVE DIAMETER BEING TWICE THE SIZE OF THE PIPE IT IS CARRYING WITH A MINIMUM SLEEVE SIZE OF 2".

PIPE SIZES SHALL CONFORM TO THOSE SHOWN ON THE DRAWINGS. NO SUBSTITUTIONS OF SMALLER PIPE SIZES SHALL BE PERMITTED, BUT SUBSTITUTIONS OF LARGER SIZES MAY BE APPROVED. ALL DAMAGED AND REJECTED PIPE SHALL BE REMOVED FROM THE SITE AT THE TIME OF SAID REJECTION.

MAINLINE SHALL BE PVC SCHEDULE 40 WITH PVC SCHEDULE 40, SOLVENT WELD FITTINGS (SIZED PER PLANS).

CONTRACTOR TO ENSURE ALL MAINLINE PIPING IS PROPERLY RESTRAINED USING MECHANICAL JOINT FITTINGS, RESTRAINING COLLARS, THREADED RODS, THRUST BLOCKS, ETC., AS AND WHERE REQUIRED. CONTRACTOR SHALL REFER TO PIPE MANUFACTURER'S RECOMMENDED INSTALLATION PRACTICES FOR FURTHER DIRECTION.

PVC PIPE JOINT COMPOUND AND PRIMER: SLOW-DRYING, HEAVY DUTY CEMENT AND TINTED (PURPLE) PRIMER THAT IS COMPATIBLE WITH THE CEMENT. THE PVC CEMENT SHALL BE WELD-ON 2711 GREY AND THE PRIMER SHALL BE WELD-ON P70 PURPLE PRIMER, OR APPROVED EQUALS.

ELECTRICAL POWER SUPPLY

ELECTRICAL SUPPLY FOR PUMPS AND CONTROLLERS TO BE PROVIDED BY IRRIGATION CONTRACTOR. CONTRACTOR TO COORDINATE WITH LOCAL UTILITIES FOR THE INSTALLATION OF AND CONNECTION TO AVAILABLE SITE POWER SUPPLY FOR REQUIRED ELECTRICAL COMPONENTS AS SET FORTH IN THE 100% IRRIGATION PLANS.

ALL ELECTRICAL INSTALLATION TO COMPLY WITH THE NATIONAL ELECTRICAL CODE AND ANY AND ALL OTHER APPLICABLE ELECTRICAL CODES, LAWS AND REGULATIONS. A LICENSED ELECTRICIAN SHALL PERFORM ALL ELECTRICAL HOOK-UPS.

WIRING

IRRIGATION CONTROL WIRE SHALL BE THERMOPLASTIC SOLID COPPER, SINGLE CONDUCTOR, LOW VOLTAGE IRRIGATION CONTROLLER WIRE SUITABLE FOR DIRECT BURIAL AND CONTINUOUS OPERATION AT RATED VOLTAGES.

TAPE AND BUNDLE CONTROL WIRES EVERY 10' AND RUN ADJACENT TO THE MAINLINE. AT ALL TURNS IN DIRECTION MAKE A 2' COIL OF WIRE. AT ALL VALVE BOXES COIL WIRE AROUND A 3/4" PIECE OF PVC PIPE TO MAKE A COIL USING 30 LINEAR INCHES OF WIRE. MAKE ELECTRICAL CONNECTIONS WITH 3M-DBY,DBR CONNECTORS.

NUMBER ALL WIRES USING AN ELECTRICAL BOOK OF NUMBERS ACCORDING TO THE PLANS. NUMBER WIRES IN ALL VALVE BOXES, JUNCTION BOXES AND AT THE CONTROLLER.

WIRE SIZED, NUMBERED AND COLORED AS FOLLOWS:
- #14 WHITE FOR COMMON
- #14 SPARE BLACK COMMON
- #14 RED FOR HOT WIRES
- #14 SPARE YELLOW HOT WIRE

CONTROLLER GROUNDING

CONTRACTOR TO UTILIZE 4"X8'X5/8" COPPER GROUNDING PLATES, 5/8"X10' COPPER CLAD GROUNDING RODS, 'ONE STRIKE' CAD WELLS AT ALL CONNECTION POINTS, #6 BARE COPPER WIRE, AND EARTH CONTACT MATERIAL. INSTALL THESE AND OTHER REQUIRED COMPONENTS AS OUTLINED IN THE DETAIL. CONTRACTOR TO VERIFY THAT THE EARTH TO GROUND RESISTANCE DOES NOT EXCEED 10 OHMS. CONTRACTOR SHALL PROVIDE A WRITTEN CERTIFICATION ON A LICENSED ELECTRICAL CONTRACTORS LETTER HEAD SHOWING THE DATE OF THE TEST, CONTROLLER LOCATION, AND TEST RESULTS. EACH CONTROLLER SHALL BE SO GROUNDED AND TESTED.

LAYOUT

LAY OUT IRRIGATION SYSTEM MAINLINES AND LATERAL LINES. MAKE THE NECESSARY ADJUSTMENTS AS REQUIRED TO TAKE INTO ACCOUNT ALL SITE OBSTRUCTIONS AND LIMITATIONS PRIOR TO EXCAVATING TRENCHES.

STAKE ALL SPRINKLER HEAD LOCATIONS. ADJUST LOCATION AND MAKE THE NECESSARY MODIFICATIONS TO NOZZLE TYPES, ETC. REQUIRED TO INSURE 100% HEAD TO HEAD COVERAGE. REFER TO THE EDGE OF PAVEMENT DETAIL ON THE IRRIGATION DETAIL SHEET.

SPRAY HEADS SHALL BE INSTALLED 4" FROM SIDEWALKS OR CURBED ROADWAYS AND 12" FROM UNCURBED ROADWAYS AND BUILDING FOUNDATIONS. ROTORS SHALL BE INSTALLED 4" FROM SIDEWALKS OR CURBED ROADWAYS, 12" FROM BUILDING FOUNDATIONS, AND 36" FROM UNCURBED ROADWAYS.

SHRUB HEADS SHALL BE INSTALLED ON 3/4" SCH 40 PVC RISERS. THE RISERS SHALL BE SET AT A MINIMUM OF 18" OFF SIDEWALKS, ROADWAY CURBING, BUILDING FOUNDATIONS, AND/OR ANY OTHER HARDSCAPED AREAS. SHRUB HEADS SHALL BE INSTALLED TO A STANDARD HEIGHT OF 4" BELOW MAINTAINED HEIGHT OF PLANTS AND SHALL BE INSTALLED WITHIN PLANTED MASSES TO BE LESS VISIBLE AND OFFER PROTECTION. PAINT ALL SHRUB RISERS WITH FLAT BLACK OR FOREST GREEN PAINT, UNLESS IRRIGATION SYSTEM WILL BE INSTALLED FROM A REUSE WATER SYSTEM WITH PURPLE PVC RISERS.

LOCATE VALVES PRIOR TO EXCAVATION. INSURE THAT THEIR LOCATION PROVIDES FOR EASY ACCESS AND THAT THERE IS NO INTERFERENCE WITH PHYSICAL STRUCTURES, PLANTS, TREES, POLES, ETC. VALVE BOXES MUST BE PLACED A MINIMUM OF 12" AND A MAXIMUM OF 15" FROM THE EDGE OF PAVEMENT, CURBS, ETC., AND THE TOP OF THE BOX MUST BE 2" ABOVE FINISH GRADE. NO VALVE BOXES SHALL BE INSTALLED IN TURF AREAS WITHOUT APPROVAL BY THE IRRIGATION DESIGNER; ONLY IN SHRUB BEDS. NEVER INSTALL VALVE BOXES IN SPORT FIELD AREAS.

VALVES

SEQUENCE ALL VALVES SO THAT THE FARTHEST VALVE FROM THE P.O.C. OPERATES FIRST AND THE CLOSEST TO THE P.O.C. OPERATES LAST. THE CLOSEST VALVE TO THE P.O.C. SHOULD BE THE LAST VALVE IN THE PROGRAMMED SEQUENCE.

ADJUST THE FLOW CONTROL ON EACH RCV TO ENSURE SHUT OFF IN 10 SECONDS AFTER DEACTIVATION BY THE IRRIGATION CONTROLLER.

USING 3" HIGH NUMBER STENCILS, PAINT THE VALVE NUMBER IN WHITE ON THE LID OF EACH VALVE BOX.

EQUIPMENT

BUBBLERS SHALL BE INSTALLED USING SCH 80 NIPPLES AND SHALL BE PLACED AT THE BASE OF TREES FOR LOW LEVEL WATERING.

ALL POP-UP HEADS AND SHRUB RISERS SHALL BE PRESSURE COMPENSATING. ALL POP-UP HEADS SHALL BE MOUNTED ON FLEX-TYPE SWING JOINTS.

ALL SPRINKLER EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS, AND IN ACCORDANCE WITH LOCAL AND STATE LAWS.

TRENCHING

EXCAVATE STRAIGHT AND VERTICAL TRENCHES WITH SMOOTH, FLAT OR SLOPING BOTTOMS. TRENCH WIDTH AND DEPTH SHOULD BE SUFFICIENT TO ALLOW FOR THE PROPER VERTICAL AND HORIZONTAL SEPARATION BETWEEN PIPING AS SHOWN IN THE PIPE INSTALLATION DETAIL ON THE DETAIL SHEET.

PROTECT EXISTING LANDSCAPED AREAS. REMOVE AND REPLANT ANY DAMAGED PLANT MATERIAL UPON JOB COMPLETION. THE REPLACEMENT MATERIAL SHALL BE THE SAME GENUS, SPECIES, AND SIZE OF THE MATERIAL IT IS REPLACING. THE FINAL DETERMINATION AS TO WHAT NEEDS TO BE REPLACED AND THE ACCEPTABILITY OF THE REPLACEMENT MATERIAL SHALL BE SOLELY DETERMINED BY THE OWNER OR OWNER'S REPRESENTATIVE.

INSTALLATION

CUT ALL PIPE SQUARE AND DEBURR. CLEAN PIPE AND FITTINGS OF FOREIGN MATERIAL, THEN APPLY A SMALL AMOUNT OF PRIMER WHILE ENSURING THAT ANY EXCESS IS WIPED OFF IMMEDIATELY. PRIMER SHOULD NOT PUDDLE OR DRIP FROM PIPE OR FITTINGS. NEXT APPLY A THIN COAT OF PVC CEMENT. FIRST APPLY A THIN LAYER TO THE PIPE, THEN A THIN LAYER INSIDE THE FITTING, AND FINALLY ANOTHER VERY THIN LAYER ON THE PIPE. INSERT THE PIPE INTO THE FITTING. INSURE THAT THE PIPE IS INSERTED TO THE BOTTOM OF THE FITTING, THEN TURN THE PIPE A 1/4 TURN AND HOLD FOR 10 SECONDS. MAKE SURE THAT THE PIPE DOESN'T RECEDE FROM THE FITTING. IF THE PIPE ISN'T AT THE BOTTOM OF THE FITTING UPON COMPLETION, THE GLUE JOINT IS UNACCEPTABLE AND MUST BE DISCARDED.

PIPES MUST CURE A MINIMUM OF 30 MINUTES PRIOR TO HANDLING AND PLACING INTO TRENCHES. A LONGER CURING TIME MAY BE REQUIRED; REFER TO THE MANUFACTURER'S SPECIFICATIONS. THE PIPE MUST CURE A MINIMUM OF 24 HOURS PRIOR TO FILLING WITH WATER.

BACKFILLING

THE BACKFILL 6" BELOW AND 6" ABOVE ALL PIPING SHALL BE CLEAN SAND. ALL OTHER TRCNCH BACKFILL CAN BE NATIVE MATERIAL BUT SHALL NOT CONTAIN ANYTHING LARGER THAN 2" IN DIAMETER.

MAIN LINE PIPE DEPTH MEASURED TO THE TOP OF PIPE SHALL BE 24" MINIMUM, 36" MINIMUM AT VEHICULAR CROSSINGS.

LATERAL LINE DEPTHS MEASURED TO TOP OF PIPE SHALL BE 18" MINIMUM, 30" MINIMUM AT VEHICULAR CROSSINGS.

CONTRACTOR SHALL BACKFILL ALL PIPING, BOTH MAINLINE AND LATERALS, PRIOR TO PERFORMING ANY PRESSURE TESTS. THE PIPE SHALL BE BACKFILLED WITH THE EXCEPTION OF 2' ON EACH SIDE OF EVERY JOINT (BELL FITTINGS, 90'S, TEES, 45'S, ETC.). THESE JOINTS SHALL NOT BE BACKFILLED UNTIL ALL PIPING HAS SATISFACTORILY PASSED ITS APPROPRIATE PRESSURE TEST AS OUTLINED BELOW.

FLUSHING

PRIOR TO THE PLACEMENT OF HEADS, FLUSH ALL LINES FOR A MINIMUM OF 10 MINUTES OR UNTIL LINES ARE COMPLETELY CLEAN OF DEBRIS, WHICHEVER IS LONGER.

USE SCREENS IN HEADS AND ADJUST HEADS FOR PROPER COVERAGE AVOIDING EXCESS WATER ON WALLS, WALKS AND PAVING.

TESTING

REMOVE ALL REMOTE CONTROL VALVES AND CAP USING A THREADED CAP. FILL MAINLINE WITH WATER AND PRESSURIZE THE SYSTEM TO 100 PSI. MONITOR THE SYSTEM PRESSURE AT TWO GAUGE LOCATIONS; THE GAUGE LOCATIONS MUST BE AT OPPOSITE ENDS OF THE MAINLINE. WITH THE SAME RESPECTIVE PRESSURES, MONITOR THE GAUGES FOR TWO HOURS. THERE CAN BE NO LOSS IN PRESSURE AT EITHER GAUGE FOR SOLVENT-WELDED PIPE. GASKETED PIPING SHALL LOSE NO MORE WATER THAN ALLOWED PER THE FLORIDA STATE BUILDING CODE, VOLUME II PLUMBING, PART VI, APPENDIX 'F'. REFER TO THIS SECTION FOR THE FORMULA TO BE USED TO CALCULATE THE MAXIMUM ALLOWABLE WATER LOSS DURING THE TESTING TIME. IF THESE PARAMETERS ARE EXCEEDED, LOCATE THE PROBLEM; REPAIR IT; WAIT 24 HOURS AND RETRY THE TEST. THIS PROCEDURE MUST BE FOLLOWED UNTIL THE MAINLINE PASSES THE TEST.

THE LATERAL LINES MUST BE FILLED AND VISUALLY CHECKED FOR LEAKS. ANY LEAKS DETECTED MUST BE REPAIRED. NO PRESSURE TEST OF THE LATERAL LINES IS REQUIRED.

ONCE THE MAINLINE AND LATERAL LINES HAVE PASSED THEIR RESPECTIVE TESTS AND THE SYSTEM IS COMPLETELY OPERATIONAL, A COVERAGE TEST AND DEMONSTRATION OF THE SYSTEM IS REQUIRED. THE IRRIGATION CONTRACTOR MUST DEMONSTRATE TO THE OWNER OR HIS/HER REPRESENTATIVE THAT PROPER COVERAGE IS OBTAINED AND THAT THE SYSTEM WORKS AUTOMATICALLY FROM THE CONTROLLER. THIS DEMONSTRATION REQUIRES THAT EACH ZONE BE TURNED ON IN THE PROPER SEQUENCE AS SHOWN ON THE PLANS FROM THE CONTROLLER. EACH ZONE WILL BE INSPECTED FOR PROPER COVERAGE AND FUNCTION. THE DETERMINATION OF PROPER COVERAGE AND FUNCTION WILL BE SOLEY DETERMINED BY THE OWNER OR OWNER'S REPRESENTATIVE.

OPERATIONAL TESTING – UPON COMPLETION OF BACKFILLING, FINISH GRADING AND CONTOURING, TEST THE ENTIRE SYSTEM FOR PROPER OPERATION, INCLUDING ELECTRICALLY ACTUATING THE REMOTE CONTROL VALVES. RUN EACH ZONE UNTIL WATER BEGINS TO PUDDLE OR RUN OFF. THIS WILL ALLOW DETERMINATION OF THE NUMBER OF IRRIGATION START TIMES NECESSARY TO MEET THE WEEKLY EVAPOTRANSPIRATION REQUIREMENTS OF THE PLANTING MATERIAL IN EACH ZONE. IN SANDY SOILS NO PUDDLING WILL OCCUR. IN THESE CASES, CALCULATE THE REQUIRED RUN TIMES.

SUBMITTALS

THE CONTRACTOR MUST SUBMIT FOR APPROVAL, PRIOR TO INSTALLATION, COPIES OF THE MANUFACTURER'S CUT SHEETS/SPECIFICATIONS FOR ALL COMPONENTS TO BE USED IN THE IRRIGATION SYSTEM.

AFTER PROJECT COMPLETION, AND AS A CONDITION OF FINAL ACCEPTANCE, THE IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER WITH A HIGH QUALITY, ACCURATE, AND LEGIBLE SET OF AS-BUILT DRAWINGS. THE AS-BUILTS MUST IDENTIFY ALL REMOTE CONTROL VALVES, GATE VALVES, BALL VALVES, SPLICE BOXES, CONTROLLERS, MAINLINE, SLEEVING, AND LOW VOLTAGE WIRING. EACH OF THESE ITEMS IS SHALL LOCATED USING A SUBMETER GPS SYSTEM. THE IRRIGATION CONTRACTOR MUST ALSO PROVIDE ACCURATE, INFORMATIVE, AND EASY TO FOLLOW AND UNDERSTAND OPERATION AND MAINTENANCE MANUALS FOR ALL COMPONENTS OF THE IRRIGATION SYSTEM.

CONTROLLER CHARTS – UPON COMPLETION OF "AS-BUILTS", CONTRACTOR SHALL PREPARE CONTROLLER CHARTS AT ONE PER CONTROLLER. INDICATE ON EACH CHART THE AREA CONTROLLED BY A REMOTE CONTROL VALVE (USING A DIFFERENT COLOR FOR EACH ZONE). THIS CHART SHALL BE REDUCED TO A SIZE THAT WILL FIT INSIDE OF THE CONTROLLER DOOR. THE REDUCTION SHALL BE HERMETICALLY SEALED INSIDE TWO 2ML PIECES OF CLEAR PLASTIC.

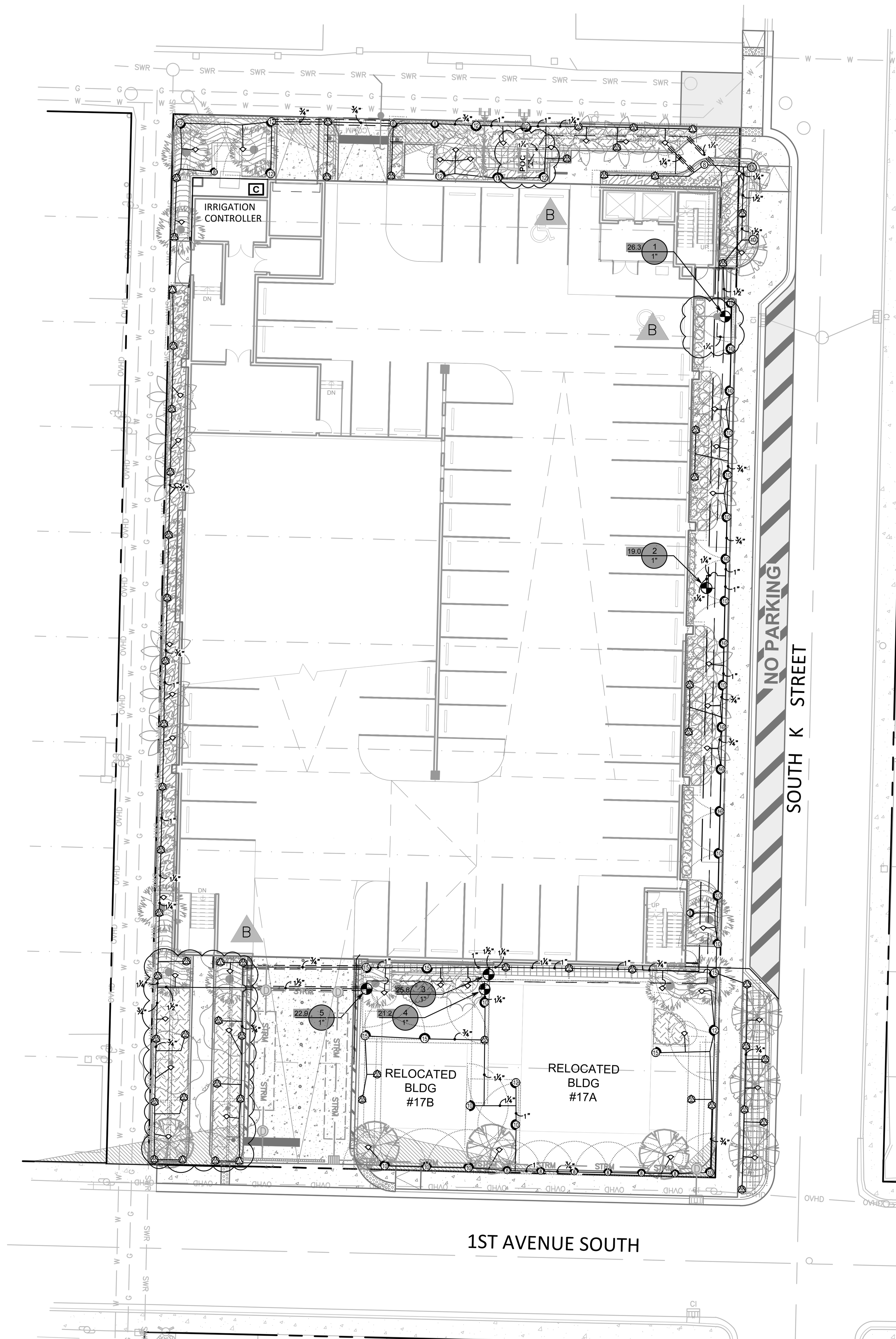
CONTRACTOR SHALL FURNISH EXTRA MATERIALS DESCRIBED BELOW THAT MATCH PRODUCTS INSTALLED AND THAT ARE PACKAGED WITH PROTECTIVE COVERING FOR STORAGE AND IDENTIFIED WITH LABELS DESCRIBING CONTENTS. INCLUDE TOOLS TO SERVICE THESE PRODUCTS.
1. SPRINKLER UNITS: FIVE OF EACH UNIT FOR EACH TYPE AND SIZE INSTALLED, BUT NO FEWER THAN TWO UNITS.
2. EMITTER UNITS: FIVE OF EACH UNIT FOR EACH TYPE AND SIZE INSTALLED, BUT NO FEWER THAN TWO UNITS.
3. DRIP TUBE UNITS: FIVE OF EACH UNIT FOR EACH TYPE AND SIZE INSTALLED, BUT NO FEWER THAN TWO UNITS.

FINAL ACCEPTANCE

FINAL ACCEPTANCE OF THE IRRIGATION SYSTEM WILL BE GIVEN AFTER THE FOLLOWING DOCUMENTS AND CONDITIONS HAVE BEEN COMPLETED AND APPROVED. FINAL PAYMENT WILL NOT BE RELEASED UNTIL THESE CONDITIONS ARE SATISFIED.

1. FINAL WALK-THRU AND CORRECTION OF ALL PUNCH LIST ITEMS.
2. COMPLETION AND ACCEPTANCE OF 'AS-BUILT' DRAWINGS.
3. ACCEPTANCE OF REQUIRED CONTROLLER CHARTS AND PLACEMENT INSIDE OF CONTROLLERS.
4. TURNOVER OF ALL REQUIRED PARTS AND TOOLS AS OUTLINED IN THE PROJECT SPECIFICATIONS.

GUARANTEE: THE IRRIGATION SYSTEMS SHALL BE GUARANTEED FOR A MINIMUM OF ONE CALENDAR YEAR FROM THE TIME OF FINAL ACCEPTANCE.



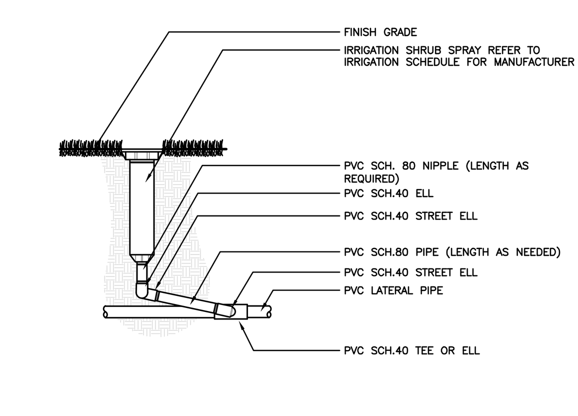
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
EST LCS RCS CST SST	Rain Bird 1806 15 Strip Series Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	60	30
Q T H F (8)	Rain Bird 1806 8 Series MPR Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	10	30
SST	Rain Bird 1806 15 Strip Series Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	1	30
Q T H F (10)	Rain Bird 1806 10 Series MPR Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	23	30
Q T H TQ F (12)	Rain Bird 1806 12 Series MPR Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	10	30
Q T H TQ F (15)	Rain Bird 1806 15 Series MPR Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	6	30
4 6 8 10 12 15 18	Rain Bird 1806 ADJ Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	3	30
1401 1402 1404	Rain Bird 1804-1400 Flood Flood Bubbler 4.0in. popup, install w/ PA-80 adapter.	39	20
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Rain Bird PEB 1in., 1-1/2in., 2in. Plastic Industrial Remote Control Valve. Low Flow Operating Capability, Globe Configuration.	5	
C	Rain Bird ESPLXME2P 12 Station, Traditionally-Wired Commercial Controller w/ Factory Installed PRO Smart Module. Indoor/Outdoor, Plastic Wall-Mount Enclosure.	1	
	Irrigation Lateral Line: PVC Schedule 40	1,478 lf	
	Irrigation Mainline: PVC Class 200 SDR 21	250.1 lf	
	Pipe Sleeve: PVC Schedule 40	79.6 lf	

Valve Callout: # Valve Number; # Valve Flow; #" Valve Size

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	Rain Bird PEB	1"	Shrub Spray	26.26	164.4	40.2	43.1	89.41 in/h
2	Rain Bird PEB	1"	Shrub Spray	18.95	221.3	35.9	38.4	1.22 in/h
3	Rain Bird PEB	1"	Shrub Spray	25.61	367.1	28.4	36.8	1.51 in/h
4	Rain Bird PEB	1"	Shrub Spray	21.19	368.3	37.5	43.5	1.05 in/h
5	Rain Bird PEB	1"	Shrub Spray	22.86	396.4	39.0	46.5	1.96 in/h
	Common Wire				341.6			



IRRIGATION SHRUB SPRAY
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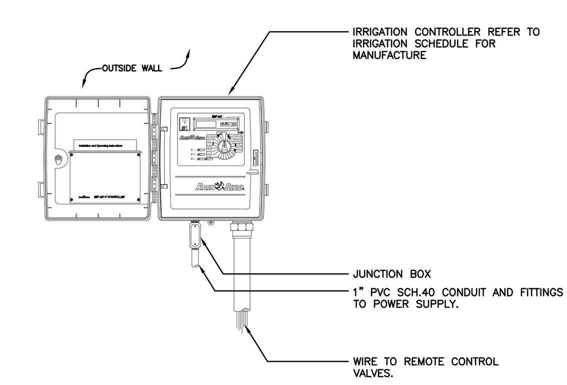

IRRIGATION CONTROLLER
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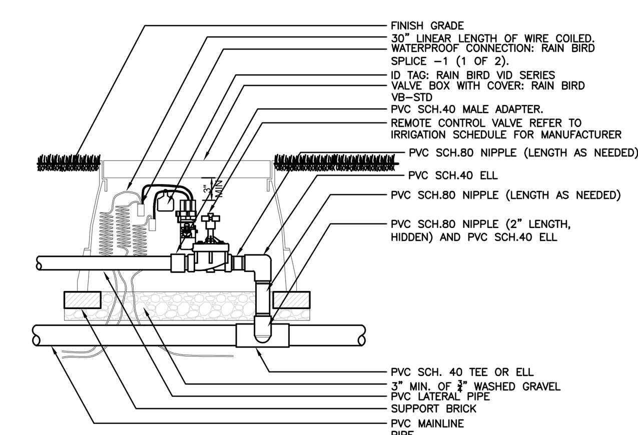

IRRIGATION VALVE
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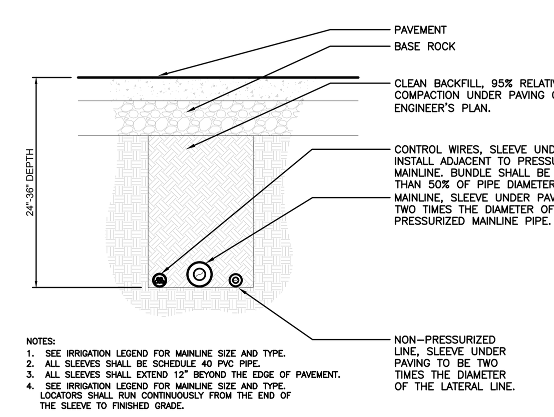
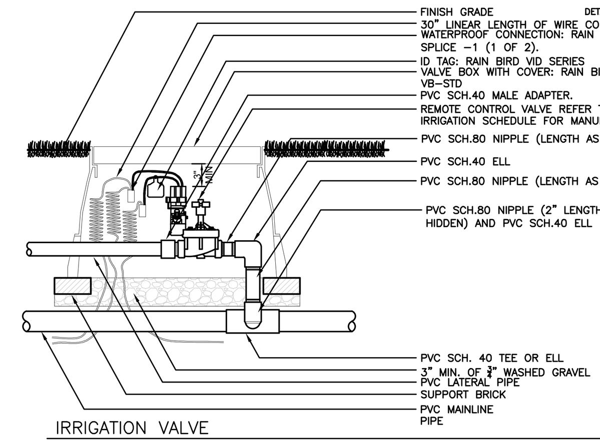


SLEEVE CHART

PIPE	SLEEVE
3/4"	2"
1"	2"
1-1/4"	2"
1-1/2"	3"
2"	4"
2-1/2"	6"
3"	6"
4"	8"
6"	10"
8"	12"

NOTES:
1. SEE IRRIGATION LEGEND FOR MAINLINE SIZE AND TYPE.
2. ALL SLEEVES SHALL BE SCHEDULE 40 PVC PIPE.
3. ALL SLEEVES SHALL EXTEND 12" BEYOND THE EDGE OF PAVEMENT.
4. SEE IRRIGATION LEGEND FOR MAINLINE SIZE AND TYPE. LOCATORS SHALL RUN CONTINUOUSLY FROM THE END OF THE SLEEVE TO FINISHED GRADE.

PIPE BENEATH PAVEMENT
NOT TO SCALE



IRRIGATION VALVE
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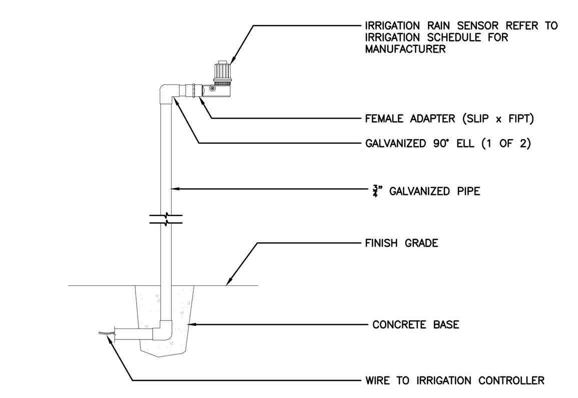

IRRIGATION RAIN SENSOR

DETAIL NAME.DWG

GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 INCH = 20 FEET

ML PROJECT No. 25-00093

This item has been digitally signed and sealed by Brian R. Shore, PLA on the date adjacent to the seal.

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LANDSCAPE ARCHITECT BRIAN R. SHORE LA6666770 STATE OF FLORIDA

APPROVED : BRIAN R. SHORE, RLA
FLA. REGISTRATION NO. LA6666770 DATE : 4/8/2026

CLIENT

SUNSHINE LAKE WORTH DEVELOPMENT LLC
166 Montague Street
Brooklyn, NY 11201
T Client Phone

ARCHITECT

PGAL, Inc.
791 Park of Commerce Blvd.
Suite 400
Boca Raton, FL 33487
T 561 988 4002

www.pgal.com

MILLER LEGG
South Florida Office: 13680 NW 5th Street, Suite 200
Sunrise, Florida · 33325
954-436-7000
www.millerlegg.com
Certificate of Authorization: LB6680

REGISTRATION
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DRAWING HISTORY

.	DATE	DESCRIPTION
AX	01/09/20X6	PLANNXNG & ZONING SUBMITTAL
B	04/06/2026	P&Z COMMENTS

PROJECT NAME
LAKE WORTH BEACH PARKING STRUCTURE

PROJECT LOCATION
25 SOUTH K St. LAKE WORTH BEACH, FL 33460

PROJECT NUMBER
1008542

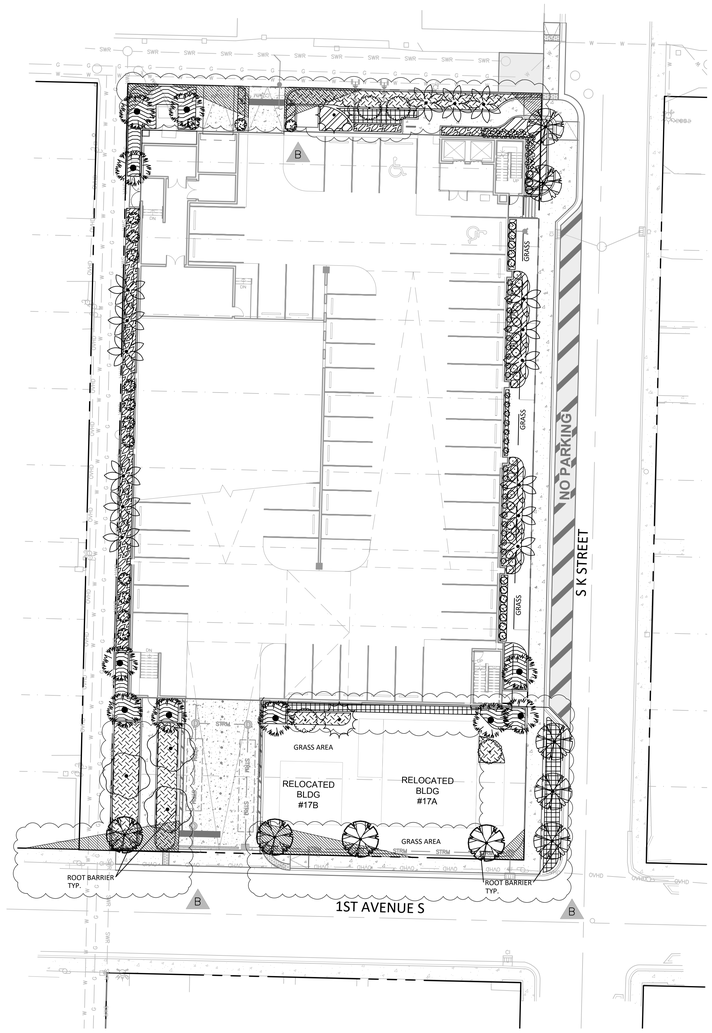
SHEET TITLE
IRRIGATION AND AND DETAILS

SHEET NUMBER
L3.00

FILE NAME: V:\Projects\2025\25-00093 - LAKE WORTH K STREET GARAGE\Drawings\25-00093_IRR.dwg
DATE STAMP: 4/8/2026 12:46:55 PM

LANDSCAPE NOTES:

1. ALL PLANT MATERIAL SHALL BE FLORIDA #1 OR BETTER AS ESTABLISHED BY "GRADES AND STANDARDS FOR NURSERY PLANTS" OF THE STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.
2. ALL TREES, SHRUBS AND GROUNDCOVER PLANTS SHALL MEET OR EXCEED THE SIZE SPECIFICATIONS AS PER THE PLANT LIST.
3. QUANTITIES LISTED IN THE PLANT LIST ARE FOR ESTIMATING PURPOSES ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES. MULCH, TOPSOIL, FERTILIZER, STAKING, ETC. SHALL BE INCLUDED IN THE UNIT COST OF THE PLANTS.
4. WHERE THERE IS A DISCREPANCY EITHER IN QUANTITIES, PLANT NAMES, SIZES OR SPECIFICATIONS BETWEEN THE PLAN AND PLANT LIST, THE PLAN SHALL PREVAIL.
5. THE PLANTING PLAN SHALL BE INSTALLED IN COMPLIANCE WITH ALL EXISTING LOCAL CODES AND APPLICABLE DEED RESTRICTIONS.
6. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL EXISTING UTILITY LOCATIONS AND PROPOSED INFRASTRUCTURE SO AS TO NOT CONFLICT. ALL DAMAGE TO EXISTING UTILITIES OR IMPROVEMENTS CAUSED BY CONTRACTOR SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
7. CONTRACTOR TO NOTIFY "SUNSHINE STATE ONE CALL OF FLORIDA, INC." AT 1-800-432-4770 AS REQUIRED PRIOR TO DIGGING FOR UNDERGROUND UTILITY LOCATIONS.
8. TREE PROTECTION BARRICADES SHALL BE PROVIDED BY LANDSCAPE CONTRACTOR AROUND EXISTING TREES TO REMAIN DURING CONSTRUCTION. PRIOR TO COMMENCEMENT OF CONSTRUCTION, A TREE PROTECTION BARRICADE INSPECTION SHALL BE CONDUCTED BY THE LANDSCAPE ARCHITECT, OWNER OR GOVERNING MUNICIPALITY. REFER TO TREE PROTECTION BARRICADE FENCING DETAIL.
9. ALL LANDSCAPE AREAS TO RECEIVE IRRIGATION WATER FROM AN AUTOMATED SYSTEM PER LOCAL CODES, FROM AN APPROVED WATER SOURCE.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FINAL GRADING OF ALL ASSOCIATED PLANTING AREAS. ALL AREAS TO BE CLEAN TO EXCAVATED PLANTING DEPTH, WITH ALL ROCK, UNSUITABLE SOILS, AND FOREIGN INORGANIC MATERIALS REMOVED AND DISPOSED OF PROPERLY OFF-SITE.
11. ALL SITE AREAS EXCEPT FOR BUILDING AREAS, PAVED AREAS, AND PLANTING BEDS SHALL BE GRASSED. GRASSING SHALL EXTEND TO ANY ABUTTING STREET PAVEMENT EDGE AND TO THE MEAN WATERLINE OF ANY ABUTTING CANAL, LAKE OR WATERWAY.
12. CANOPY TREES TO BE PLANTED 14' CLEAR OF LIGHT POLES, AND PALMS TO BE 7' CLEAR. REFER TO LOCAL CODE FOR ANY EXCEPTION.
13. ALL PLANT MATERIAL PLANTED WITHIN THE SIGHT CLEARANCE TRIANGLE AREAS (SEE PLAN) SHALL PROVIDE UNOBSTRUCTED CROSS-VISIBILITY AT A HORIZONTAL LEVEL BETWEEN 30 INCHES AND 8 FEET ABOVE ADJACENT STREET GRADE.
14. TREES AND PALMS WITHIN PEDESTRIAN AREAS SHALL BE MAINTAINED TO ALLOW FOR CLEAR PASSAGE AT AN 8 FOOT CLEAR TRUNK HEIGHT.
15. PROVIDE ROOT BARRIERS AS REQUIRED TO PROTECT UNDERGROUND UTILITIES AS SHOWN ON PLANS.
16. ALL LANDSCAPE MATERIAL SHALL MEET SETBACK REQUIREMENTS FOR FIRE HYDRANTS.
17. SOD SHALL BE CLEAN SOLID SOD, FREE OF INSECTS, PESTS OR DISEASE. IT SHALL BE THE SPECIES AND VARIETY AS CALLED OUT ON THE PLANS. THE CONTRACTOR SHALL CONFIRM QUANTITY.
18. PLANTING SOIL TO BE A WEED-FREE 50% MIXTURE OF COARSE SAND AND FLORIDA PEAT OR MUCK AND HAVE A pH OF 6.5 OR BETTER.
19. TREES TO RECEIVE PLANTING SOIL THAT COMPRISES A MINIMUM OF 50% OF THE REQUIRED BACKFILL FOR EACH TREE. SHRUBS SHALL BE PLANTED WITH A MINIMUM OF 12" PLANTING SOIL INCORPORATED WITH NATIVE SOILS AS PLANTING BACKFILL. GROUNDCOVERS SHALL RECEIVE THE EQUIVALENT OF 6" OF PLANTING SOIL INCORPORATED THROUGHOUT THE BED. SOD AREAS TO RECEIVE 2" OF PLANTING SOIL.
20. NO PLUNGING OF ANY TREE OR PALM WILL BE ACCEPTED. ALL PLANTS TO BE PLANTED WITH TOP OF ROOTBALL AT A MINIMUM 1" HIGHER THAN FINAL GRADE.
21. CONTAINER TREES TO BE FREE OF EXCESS SOIL OVER SURFACE ROOTS. REMOVE EXCESS SOIL AND INSPECT FOR CIRCLING ROOTS. TREES THAT ARE ROOTBOUND OR HAVE CIRCLING ROOTS WILL NOT BE ACCEPTED. TREES WITH CORRECTABLE ROOT CONDITIONS MUST BE REVIEWED BY LANDSCAPE ARCHITECT/INSPECTOR BEFORE PLANTING.
22. BALLED AND BURLAPPED PLANT MATERIAL WILL NOT BE ACCEPTED WHEN THE BALL OF EARTH SURROUNDING ITS ROOTS HAS BEEN CRACKED, BROKEN OR OTHERWISE DAMAGED.
23. NO PLANT MATERIAL WILL BE ACCEPTED SHOWING EVIDENCE OF CABLE, CHAIN MARKS, EQUIPMENT SCARS, OR OTHERWISE DAMAGED.
24. ALL PLANTING BEDS AND TREE WATER BASINS SHALL BE COVERED WITH A 3" MINIMUM DEPTH OF SHREDDED NON-CYPRESS, EITHER EUCALYPTUS OR FLORIMULCH GRADE 'B' OR BETTER.
25. CONTRACTOR SHALL STAKE & GUY ALL TREES AND PALMS AT TIME OF PLANTING AS PER THE APPROPRIATE DETAIL. CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE AND/OR REPAIR OF ALL STAKING AND GUYING DURING WARRANTY PERIOD AND REMOVAL & DISPOSAL OF STAKING AFTER ESTABLISHMENT PERIOD.
26. ALL PLANT MATERIAL SHALL BE WATERED IN AT TIME OF PLANTING IN ACCORDANCE WITH STANDARD NURSERY PRACTICES. IN ADDITION, CONTRACTOR WILL CONTINUE WATERING OF PLANT MATERIAL UNTIL SUBSTANTIAL COMPLETION AND AS NEEDED THEREAFTER FOR A PERIOD OF 2 MONTHS.
27. FERTILIZER FOR GRASS AREAS SHALL BE NPK 16-4-8 @ 12.5 LBS/1000 S.F. OR 545 LBS/ACRE. TREES, PALMS, AND SHRUBS TO RECEIVE A FORMULATION OF 12-4-12 OR EQUIVALENT, SUITABLE FOR PALMS. ALL TO HAVE NITROGEN 50% SLOW RELEASE AND INCLUDE SECONDARY MICRONUTRIENTS.
28. THE SUCCESSFUL BIDDER SHALL FURNISH TO THE OWNER A UNIT PRICE BREAKDOWN FOR ALL MATERIALS. THE OWNER MAY, AT THEIR DISCRETION, ADD OR DELETE FROM THE MATERIALS UTILIZING THE UNIT PRICE BREAKDOWN SUBMITTED.
29. ALL SUBSTITUTIONS AND CHANGES SHALL BE APPROVED IN WRITING PRIOR TO INSTALLATION. ANY DISCREPANCIES BETWEEN PLANS, SITE, AND SPECIFICATIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT, THE OWNER AND GOVERNING MUNICIPALITY.
30. ALL NEW PLANT MATERIAL SHALL BE GUARANTEED FOR 1 YEAR FROM TIME OF FINAL ACCEPTANCE OF PROJECT. ANY PLANT MATERIAL NOT IN A HEALTHY GROWING CONDITION WILL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITHIN 10 DAYS OF NOTIFICATION. FOR ALL REPLACEMENT PLANT MATERIAL, THE WARRANTY PERIOD SHALL BE EXTENDED AN ADDITIONAL 45 DAYS BEYOND THE ORIGINAL WARRANTY PERIOD. ALL TREES THAT LEAN OR ARE BLOWN OVER, CAUSED BY WINDS LESS THAN 75 MPH, WILL BE RE-SET AND BRACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.



B

PLANT SCHEDULE

TREES & PALMS

SYMBOL	KEY	QTY	BOTANICAL / COMMON NAME	SIZE	CALIPER	HEIGHT	SPREAD	NATIVE 71%
	AW	2	Acoelorrhaphe wrightii Paurotis Palm	FG	N/A	12'-14' HT	8' SPR	Yes
	BS	3	Bursera simaruba Gumbo Limbo	FG	3" CAL	14` HT	6' SPR	Yes
	CS	5	Conocarpus erectus Green Buttonwood	FG	3" CAL	14` HT	7' SPR	Yes
	LS	4	Lagerstroemia speciosa Queen's Crape Myrtle	FG	3" CAL	15` HT	7' SPR	No
	MF	4	Myrcianthes fragrans Simpson's Stopper	FG	2" CAL	10` HT	4' SPR	Yes
	PE	15	Ptychosperma elegans Alexander Palm	FG	4" DBH	10-14' CT	12' SPR	No
	SP	10	Sabal palmetto Sabal Palm	FG	10" DBH	12-20' CT	12' SPR	Yes

ACCENT SHRUBS

SYMBOL	KEY	QTY	BOTANICAL / COMMON NAME	SIZE	HEIGHT	SPREAD	SPACING	NATIVE 0%
	PRC	23	Philodendron x 'Rojo Congo' Rojo Congo Philodendron	3 GAL	3` HT	3` SPR	PER PLAN	No
	PL	14	Polyalthia longifolia Mast Tree	25 GAL	6` HT	4` SPR	PER PLAN	No
	TAB	15	Tabernaemontana divaricata Pinwheel Jasmine	3 GAL	24" HT	24" SPR	PER PLAN	No
	TGB	9	Thunbergia grandiflora 'Blue Sky' Blue Sky Flower	10 GAL	6` HT	4` SPR	PER PLAN	No
	TRJ	29	Trachelospermum jasminoides Confederate Jasmine	3 GAL	4` - 5` HT	4` SPR	PER PLAN	No

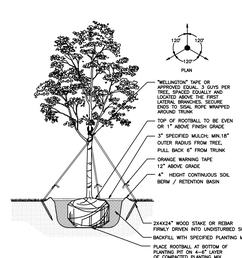
SHRUB AREAS

SYMBOL	KEY	QTY	BOTANICAL / COMMON NAME	SIZE	HEIGHT	SPREAD	SPACING	NATIVE 80%
	CHR	127	Chrysobalanus icao Horizontal Cocoplum	3 GAL	24" HT	24" SPR	24" o.c.	Yes
	CRN	19	Clusia rosea 'Nana' Dwarf Pitch Apple	3 GAL	12" HT	14" SPR	16" o.c.	Yes
	MUH	191	Muhlenbergia capillaris Pink Muhly Grass	3 GAL	24" HT	24" SPR	24" o.c.	Yes
	NEP	331	Nephrolepis exaltata Sword Fern	3 GAL	12" HT	14" SPR	24" o.c.	Yes
	PBM	194	Philodendron burle-marxii Burle Marx Philodendron	3 GAL	18" HT	20" SPR	24" o.c.	No
	PSY	170	Psychotria nervosa Wild Coffee	3 GAL	24" HT	24" SPR	24" o.c.	Yes

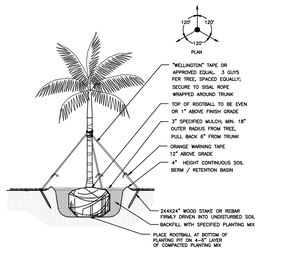
NOTES:
1. SOD TO BE ST. AUGUSTINE 'FLORATAM'. CONTRACTOR TO DETERMINE QUANTITY.
2. ALL PLANTS TO BE FLORIDA NO. 1 OR BETTER PER FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS.
3. ALL SOD AND LANDSCAPE TO RECEIVE 100% COVERAGE WITH 50% OVERLAP FROM EXISTING AUTOMATIC IRRIGATION SYSTEM USING APPROVED WATER SOURCE.
4. BUBBLERS TO BE PROVIDED FOR NEW TREES AND PALMS.
5. CONTRACTOR IS RESPONSIBLE FOR ALL CONDITIONS AND LANDSCAPE SPECIFICATIONS ATTACHED TO THIS PLAN AND PLANT LIST. PLAN AND SPECIFICATIONS SHALL BE CONSIDERED CONTRACT DOCUMENTS.
6. PRE-CONSTRUCTION MEETING IS REQUIRED BEFORE ANY PLANT MATERIAL IS INSTALLED ON SITE.
7. ALL ROAD ROCK, CONCRETE, ASPHALT, AND OTHER NON-NATURAL MATERIALS BE REMOVED AND REPLACED WITH PLANTING SOIL PRIOR TO LANDSCAPE INSTALLATION.
8. INVESTIGATE TO DETERMINE AND VERIFY THE LOCATION OF UNDERGROUND UTILITIES BEFORE EXCAVATION FOR LANDSCAPE OR OTHER UNDERGROUND WORK.

TREE MITIGATION CHART

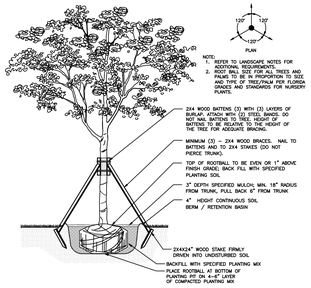
TOTAL DBH TO BE REMOVED	71"
TOTAL QTY OF PALMS TO BE REMOVED	34
TOTAL QTY OF PALMS TO BE RELOCATED	0
TOTAL QTY OF TREES TO BE RELOCATED	0
APPROXIMATE DBH PROPOSED	46"
TOTAL QTY OF PALMS PROPOSED	33



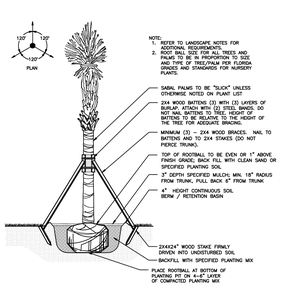
TREE PLANTING DETAIL



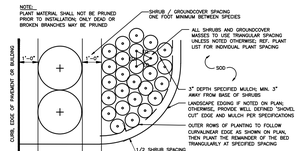
SMALL PALM PLANTING DETAIL



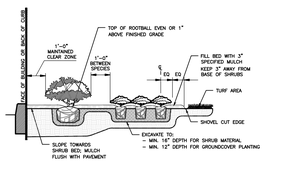
LARGE TREE PLANTING DETAIL



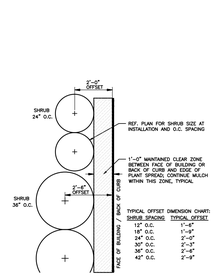
PALM PLANTING DETAIL



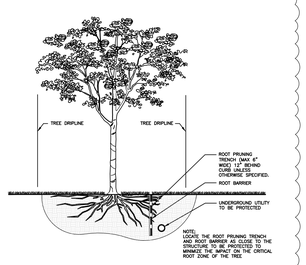
SHRUB AND GROUNDCOVER SPACING



SHRUB PLANTING DETAIL



SHRUB OFFSET FROM BUILDING OR CURB



ROOT PRUNING DETAIL ADJACENT TO UTILITY

B

ML PROJECT No. 25-00093

GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 INCH = 20 FEET

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BRIAN R. SHORE LANDSCAPE ARCHITECT LA6666770 STATE OF FLORIDA

APPROVED : BRIAN R. SHORE, RLA
FLA. REGISTRATION NO. LA6666770 DATE : 4/8/2026

CLIENT

SUNSHINE LAKE WORTH DEVELOPMENT LLC
166 Montague Street
Brooklyn, NY 11201
T Client Phone

ARCHITECT

PGAL

PGAL, Inc.
791 Park of Commerce Blvd.
Suite 400
Boca Raton, FL 33487
T 561 988 4002

www.pgal.com

MILLER LEGG
South Florida Office: 13680 NW 5th Street, Suite 200
Sunrise, Florida 33325
954-436-7000
www.millerlegg.com
Certificate of Authorization: LB6680

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DRAWING HISTORY

	DATE	DESCRIPTION
A	01/09/2026	PLANNING & ZONING SUBMITTAL
B	04/06/2026	P&Z COMMENTS

PROJECT NAME
LAKE WORTH BEACH PARKING STRUCTURE

PROJECT LOCATION
25 SOUTH K St. LAKE WORTH BEACH, FL 33460

PROJECT NUMBER
1008542

SHEET TITLE
LANDSCAPE PLAN AND DETAILS

SHEET NUMBER
L2.00

FILE NAME: V:\Projects\2025\25-00093 - LAKE WORTH K STREET GARAGE\Drawings\25-00093_LNP.dwg
DATE STAMP: 4/8/2026 11:26:32 AM