

8-1-1 SUNSHINEBIL.COM NOTIFICATION CENTER



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Date: 2025.10.03 15:56:25

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Cunningham

ISSUE BY DATE DESCRIPTION

<u>↑ PDC 10.03.25 SITE ROUND 1</u>

'-04'00

DATE HIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY (PATRICK CUNNINGHAM) ON THE DATE AND/OR TIME STAMP SHOWN USING A DIGIT SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGN AND SEALED AND THE SIGNATURE MUST BE VERIFIED BY A 3RD PARTY CERTIFICA AUTHORITY ON ANY ELECTRONIC COPY.FAC 61G15-23.004

PDC | 05.15.25 | ISSUE FOR PERMIT

240661

PDC

12/31/24

SEAL

PREVENTER WEATHERMATIC SL1600 SMARTLINE

ORDERING INFO: MODEL # - SESSLV1600-3YR DESCRIPTION - SL1600 SMARTLINK CONTROLLER (16-ZONE), AIRCARD, SLW5 WEATHER STATION, SOFTWARE AND 3-YEAR SERVICE PLAN WITH WARRANTY AND MONITORING.

IRRIGATION SOURCE

IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26 PVC CLASS 315 FOR 1/2" PIPE, PVC CLASS 200 FOR 3/4" PIPE, ABOVE.

PLEASE NOTE:

PVC SCHEDULE 40 IRRIGATION PIPE.

PVC SCHEDULE 40

AREA TO RECEIVE DRIPLINE

HUNTER PLD-10-12 (18) IN-LINE PRESSURE COMPENSATING LANDSCAPE DRIPLINE WITH BUILT-IN CHECK VALVE. 1.0 GPH EMITTERS AT 12.0" O.C. DRIPLINE LATERALS SPACED AT 18.0" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. UV RESISTANT.

> HUNTER PCZ-101-25 DRIP CONTROL VALVE KIT. 1" PGV GLOBE VALVE WITH 1" HY100 FILTER SYSTEM. PRESSURE REGULATION: 25PSI. FLOW RANGE: 0.5 GPM TO 15 GPM. 150 MESH STAINLESS STEEL SCREEN.

HUNTER PGV-101G 1" PLASTIC ELECTRIC REMOTE CONTROL VALVE, FOR RESIDENTIAL/LIGHT COMMERCIAL USE. FEMALE NPT INLET/OUTLET. GLOBE CONFIGURATION, WITH FLOW CONTROL.

MATCO-NORCA 514TX 1/2"-4" BRASS GATE VALVE, FULL PORT, WITH SOLID WEDGE. IPS. CROSS HANDLE. SAME SIZE AS MAINLINE PIPE.

FEBCO 825Y 1-1/2" REDUCED PRESSURE BACKFLOW

CONTROLER W/ SMARTLINK AIRCARD

WEATHERMATIC SLW5 WIRELESS ON-SITE WEATHER SENSOR

3/4" METER @ 28 GPM AT 60 PSI REQUIRED

PVC CLASS 160 SDR 26 FOR 1" AND

ONLY LATERAL TRANSITION PIPE SIZES 1" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 3/4" IN

IRRIGATION MAINLINE: PIPE SLEEVE:

VALVE CALL OUT

VALVE VALVE NUMBER

MULTIPLE ZONES OF (LIKE) NATURE MAY BE COMBINED TO CREATE A LARGER ZONE AS

SLEEVE SIZE

1-1/4"

2-1/2"

2-1/2"

3"

2"

3/4"

1-1/4''

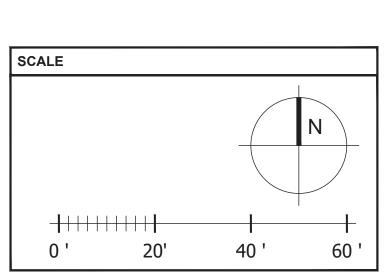
1-1/2"

2-1/4"

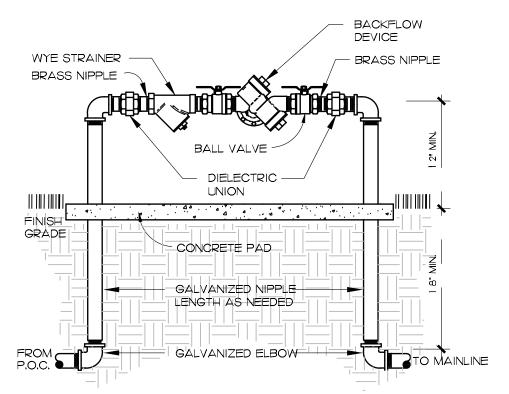
3'' - 4''

2"

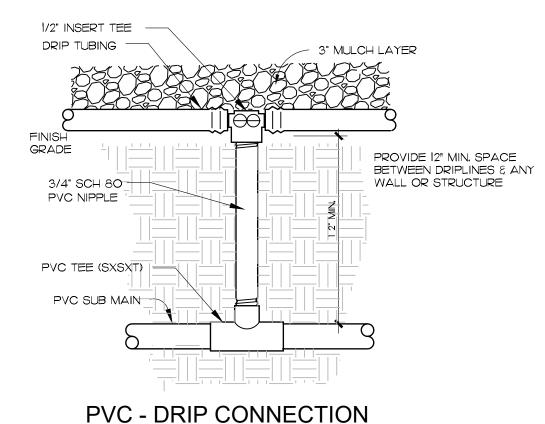
ALL IRRIGATION FIXTURES/ EQUIPMENT SPECIFIED TO BE FOR RECLAIMED, RE-USE NON-POTABLE IRRIGATION IF AVAILABLE



PROJECT INFORMATION BLOCK JOB# DATE: DRAWN BY: CHECKED BY: SHEET TITLE IRRIGATION PLAN **SHEET NUMBER** IR01.01



BACKFLOW PREVENTER NOT TO SCALE



REMOTE CONTROL VALVE BE SERVICED WITHOUT CENTERED IN OPENING NEED FOR EXCAVATION STD, RECT, VALVE BOX FINISH GRADE /IIIIIIII **— — —** VALVE I.D. TAG-WIRE CONNECTORS WIRE COILS FABRIC LINED -3" GRAVEL SUMP PVC MAIN LINE VALVE WIRES PVC SCH 80 NIPPLE SCH, 40 PVC FITTING

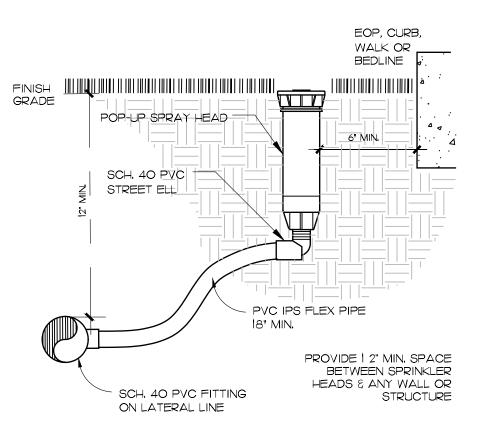
VALVE BOX INSTALLATION SHALL ALLOW VALVE TO

PVC SCH 80 90 TXT ELL -

PVC SCH 80 TOE NIPPLE -

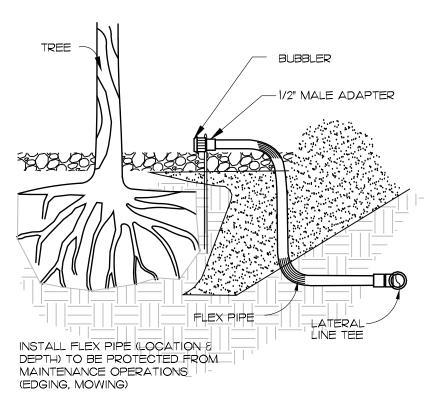
PVC SCH 80 MALE ADP.

REMOTE CONTROL VALVE NOT TO SCALE

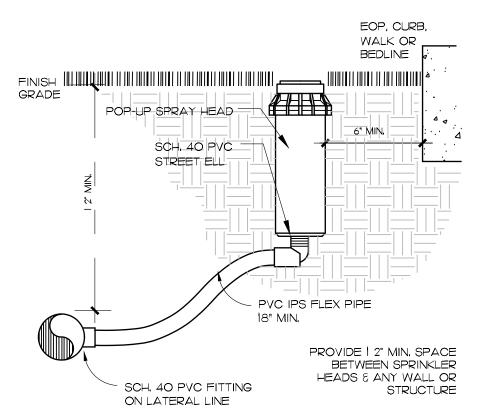


NOT TO SCALE

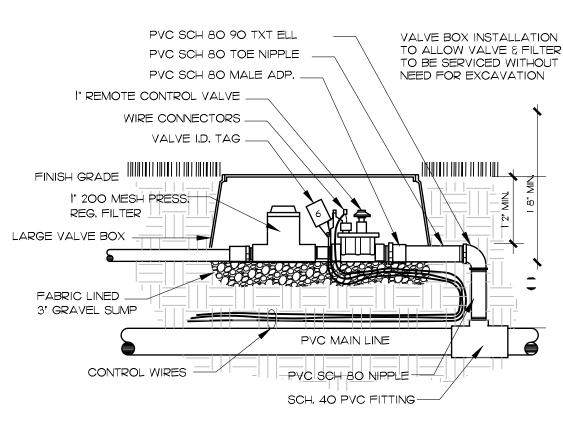
TURF SPRAY HEAD NOT TO SCALE



TREE BUBBLER NOT TO SCALE



TURF ROTOR HEAD NOT TO SCALE



20 gpm DRIP ZONE CONTROL VALVE NOT TO SCALE

General Notes

- IRRIGATION SYSTEM DESIGN REQUIREMENTS: 28 GPM . A 55 PSI AT THE POINT OF CONNECTION, THE IRRIGATION CONTRACTOR SHALL VERIFY THE AVAILABLE GPM AND PSI PRIOR TO INSTALLATION OF THE
- 2. DO NOT INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT CONDITIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN PROCESS, SUCH AS OBSTRUCTIONS, GRADE DIFFERENCES, WATER LEVELS, DIMENSIONAL DIFFERENCES, ETC. REFER TO THE LANDSCAPE PLAN TO AVOID CONFLICTS WITH PROPOSED TREES OR SHRUBS,
- 3. PIPING MAY SOMETIMES BE INDICATED AS BEING LOCATED IN UNLIKELY AREAS: I.E., UNDER BUILDINGS OR PAVEMENT, OUTSIDE OF PROPERTY LINES, IN LAKES OR DITCHES, ETC. THIS IS DONE FOR GRAPHIC CLARITY ONLY. WHENEVER POSSIBLE, PIPING IS TO BE INSTALLED IN PERVIOUS AREAS.
- 4. ALL COMPONENTS ARE SHOWN AND/OR DEPICTED ON THE PLAN SHEETS REPRESENT APPROXIMATE LOCATION(S) ONLY, AND ARE FOR CLARIFICATION PURPOSES, THE FINAL LOCATION OF ALL COMPONENTS SHALL BE SUBJECT TO APPROVAL BY THE OWNER AND/OR OWNER'S REPRESENTATIVE,
- 5. DO NOT SCALE PLAN FOR EXACT HEAD LOCATION, LOCATION OF ALL SPRINKLER HEADS SHALL BE SITE ADJUSTED TO MINIMIZE WATER OVERTHROW ONTO BUILDING SURFACES AND WALKWAYS, THROTTLE VALVES ON SPRAY ZONES AS REQUIRED TO PREVENT FOGGING.
- 6. PIPE SIZES SHALL CONFORM TO THOSE ON THE DRAWINGS, SUBSTITUTING WITH SMALLER PIPE SIZES WILL NOT BE PERMITTED.
- 7. ALL POP-UP SPRINKLER HEADS SHALL BE INSTALLED LEVEL AND FLUSH TO GRADE,
- 8. MAIN LINE: FITTINGS SHALL BE PVC SCH. 40 JOINT FITTINGS, PIPES PLACED IN SLEEVES SHALL BE SCH. 40 SOLVENT WELD PIPE WITH ADEQUATE RESTRAINTS, SLEEVE LOCATION ARE ACCOMPANIED WITH A 2" ELECTRICAL CHASE FOR THE CONTROL WIRING,
- 9. MAINLINE IS TO BE INSTALLED WITH A MINIMUM OF 18-IN, DEPTH OF COVER, LATERAL LINES ARE TO BE INSTALLED WITH A MINIMUM OF 12" DEPTH OF COVER,
- 10. UNLESS OTHERWISE INDICATED, ALL SLEEVES ARE TO BE PVC SCH 40 AND TWO (2) NOMINAL SIZES LARGER 「HAN THE PIPE TO BE SLEEVED,FOR EXAMPLE; THE SLEEVE FOR A 2-IN,PIPE SHALL BE 3-IN,
- II. INSTALL VALVES IN MULCHED BEDS AND/OR IN LOW TRAFFIC AREAS. ALL VALVES , FLUSH VALVES AND WIRE SPLICES SHALL BE INSTALLED IN RAIN BIRD WIDE FLANGED, STRUCTURAL FOAM "PLASTIC" VALVES BOXES
- 12. THE BOTTOM AND SIDES OF THE VALVE BOXES SHALL BE LINED WITH LANDSCAPE FABRIC, INSTALL A 3-IN. DEEP BED OF GRAVEL ON THE LANDSCAPE FABRIC TO CREATE A DRAINAGE SUMP.
- 13. INSTALL DRIP TUBING AT GRADE AND COVER WITH MULCH, TYPICAL SPACING FOR DRIP TUBING IS 18-IN, TO 24-IN, ON CENTER, SPACING TO BE DETERMINED BY PLANT LAYOUT, REFER TO LANDSCAPE PLAN, ANCHOR TUBING EVERY 7-FT, WITH 8-IN, LONG WIRE TUBING STAKES, INSTALL FLUSH VALVE ASSEMBLIES AT ALL TUBING
- 14. EXACT CONTROLLER LOCATION(S) SHALL BE COORDINATED WITH AN OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION, THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR THE CONNECTION FROM THE POWER SOURCE TO THE CONTROLLER(S), PER MANUFACTURER'S SPECIFICATIONS.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HARD WIRING ALL ELECTRICAL SERVICE CONNECTIONS, AND SHALL RUN TWO (2) ADDITIONAL SETS OF WIRES IN EACH DIRECTION TO EACH END OF THE MAIN FOR FUTURE
- 16. AT EACH IRRIGATION CONTROLLER, INSTALL A "SECONDARY SURGE ARRESTER" TO THE INCOMING (120 VOLT) POWER SUPPLY (INTERMATIC #AG2401 OR EQUAL).
- 17. A WEATHER BASED SENSOR WITH INTERFACE SHALL BE CONNECTED TO IRRIGATION CONTROLLER, THE SENSOR/ SHALL ADJUST IRRIGATION PROGRAM BASED ON DAILY WEATHER READINGS, SENSOR SHALL BE INSTALLED TO MEET LOCAL CODES AND/OR MINIMUM MANUFACTURER'S RECOMMENDATIONS, OBSTRUCTIONS, VANDALISM AND EASE OF SERVICE SHALL BE CONSIDERED IN LOCATING THE DEVICE.
- 18, IRRIGATION CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING ON REPRODUCIBLE PAPER DETAILING THE ACTUAL INSTALLATION OF THE IRRIGATION SYSTEM, THE AS-BUILT DRAWINGS SHALL LOCATE ALL MAIN LINE PIPING, CONTROL WIRES, WIRE SPLICES, SLEEVES AND VALVES BY SHOWING EXACT MEASUREMENTS FROM PERMANENT FEATURES (BUILDINGS, EDGE OF PAVEMENT, POWER POLES, FIRE HYDRANTS, ETC.), INCLUDE DEPTH OF COVER ON MAINLINE AND SLEEVES.
- 19, NO PRODUCT SUBSTITUTIONS WILL BE PERMITTED WITHOUT THE WRITTEN PERMISSION OF THE OWNER'S REPRESENTATIVE, IRRIGATION CONTRACTOR TO PROVIDE SUBMITTALS TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION.
- 20. ANY OTHER EQUIPMENT REQUIRED THAT IS NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODE.
- 21. THE PROPOSED IRRIGATION IS TO TIE INTO THE EXISTING SYSTEM, WHICH WILL BE RETROFITTED TO PROVIDE 100% COVERAGE, * * *
- 22, IF RE-USE WATER IS USED FOR IRRIGATION, ALL EQUIPMENT IS TO BE SPECIFIED / MARKED AS SUCH IF REQUIRED BY THE JURISDICTION, (PURPLE LATERALS, HEADS, ETC.)
- 23. AN AUTOMATIC IRRIGATION SYSTEM TO BE PROVIDED THAT MEETS OR EXCEEDS THE FULL REQUIREMENTS OF THE LAND DEVELOPMENT REGULATIONS.
- 24. THE OWNER WILL SUPPLY ALL PROPOSED PLANT MATERIAL WITH 100% IRRIGATION (AUTOMATIC) COVERAGE (WITH 50% OVERLAP MINIMUM) WITHIN TEN DAYS OF INITIAL INSTALLATION. THE CONTRACTOR SHALL MAKE ALL ADJUSTMENTS TO THE IRRIGATION SYSTEM TO INSURE 100% COVERAGE.

ALL IRRIGATION FIXTURES/ EQUIPMENT SPECIFIED TO BE FOR RECLAIMED, RE-USE, NON-POTABLE IRRIGATION.

Additional Notes

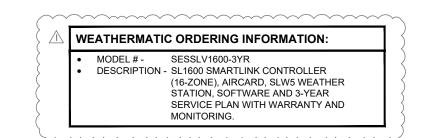
- I. IRRIGATION CONTROLLER IS TO HAVE AN EXTERIOR MOUNTING LOCATION.
- 2. ELECTRICAL IS TO BE HARD-WIRED TO THE CONTROLLER, NOT AN ELECTRICAL OUTLET
- 3. WEATHERMATIC SL 1600 SMARTLINE CONTROLLER (SEE PHOTO) A. INSTALLS LIKE A NORMAL CONTROLLER--THE EXTERIOR OF THE BUILDING, PREFERABLY NEAR THE UTILITY B. INSTALL INSTRUCTIONS: <u>SLI600 CONTROLLER INSTALLATION INSTRUCTIONS - WEATHERMATIC</u>
- 4. WEATHERMATIC SMART LINK AIRCARD (SEE PHOTO) A. MOUNT NEAR CONTROLLER
- B. INSTALL INSTRUCTIONS:
- HTTPS://WWW.WEATHERMATIC.COM/DOWNLOAD/SMARTLINK-AIRCARD-INSTALLATION-QUICK-START/? WPDMDL=19376&REFRESH=628F6EE2B567616535672O2
- 5. WEATHERMATIC SLW5 WIRELESS ON-SITE WEATHER SENSOR (SEE PHOTO)
- A. MOUNT IN AN AREA WITH UNOBSTRUCTED AIRFLOW.
- B. MOUNTING IS PREFERRED IN DIRECT SUNLIGHT WITH GOOD AIRFLOW. C. THE LOCATION MUST HAVE OPEN ACCESS TO RAINFALL (CANNOT BE COVERED BY ANY OVERHEAD OBSTRUCTION SUCH AS TREES, ROOFS, ETC.).

h w

- D. MOUNT THE SLW5 AS CLOSE AS POSSIBLE TO THE CONTROLLER. E. INSTALL INSTRUCTIONS: <u>SLW5 WIRELESS WEATHER STATION INSTALLATION GUIDE - WEATHERMATIC</u>
- 6. DESIGN DRAWING SPECIFICATION -
- A. WEATHERMATIC SLI600 SMARTLINE CONTROLER W/ SMARTLINK AIRCARD
- B. WEATHERMATIC SLW5 WIRELESS ON-SITE WEATHER SENSOR

DEVELOPER SHALL BE RESPONSIBLE FOR SJC/SJCUD INSPECTION PRIOR TO OCCUPANCY.

- 7. TO COMMISSION THE WEATHERMATIC SMART IRRIGATION CONTROLLER PLEASE DO THE FOLLOWING: A. FIRST, PLEASE CONFIRM THAT ALL THREE PIECES OF EQUIPMENT (CONTROLLER, WEATHER STATION, AND AIRCARD) ARE PROPERLY INSTALLED. B. NEXT, WEATHERMATIC NEEDS THE AIRCARD NUMBER THAT IS ON THE SIDE OF THE AIRCARD (20-DIGIT
- 1) CONTACT FOR WEATHERMATIC IS CALL OR EMAIL KELSI VAQUERA WITH ANY QUESTIONS (KELSI.VAQUERA@WEATHERMATIC.COM OR 316.516.3625). C. WHEN SHARING THIS INFORMATION WITH WEATHERMATIC, YOU SHOULD ALSO NOTE THAT THIS IS A FIFTH
- THIRD BANK CORPORATE LOCATION AND PROVIDE THE SITE ID NUMBER AND ADDRESS, 8. COMMERCIAL LOTS ARE TO UTILIZE SMART IRRIGATION CONTROLLERS WITH SOIL MOISTURE METER SENSORS (SOIL MOISTURE SYSTEMS) TO DETERMINE OPTIMUM MOISTURE LEVELS, SHUT DOWN IRRIGATION, PREVENTING WATER WASTE. THE SOIL MOISTURE SYSTEM SHALL OPERATE AS A PERMISSIVE AND NOT AS A CALL-TO-RUN, IT SHALL BE THE BUILDER'S RESPONSIBILITY TO INSTALL, TEST, AND CERTIFY THE SOIL MOISTURE SYSTEM FOR PROPER INSTALLATION AND OPERATION PRIOR TO OCCUPANCY, SOIL MOISTURE SYSTEMS ARE TO BE SPECIFIED IN THE CONSERVATION PLAN SUBMITTAL FOR SJCUD APPROVAL, THE







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FIFTH THIRD





PATRICK D. CUNNINGHAM FL REG. NO. LA0001669

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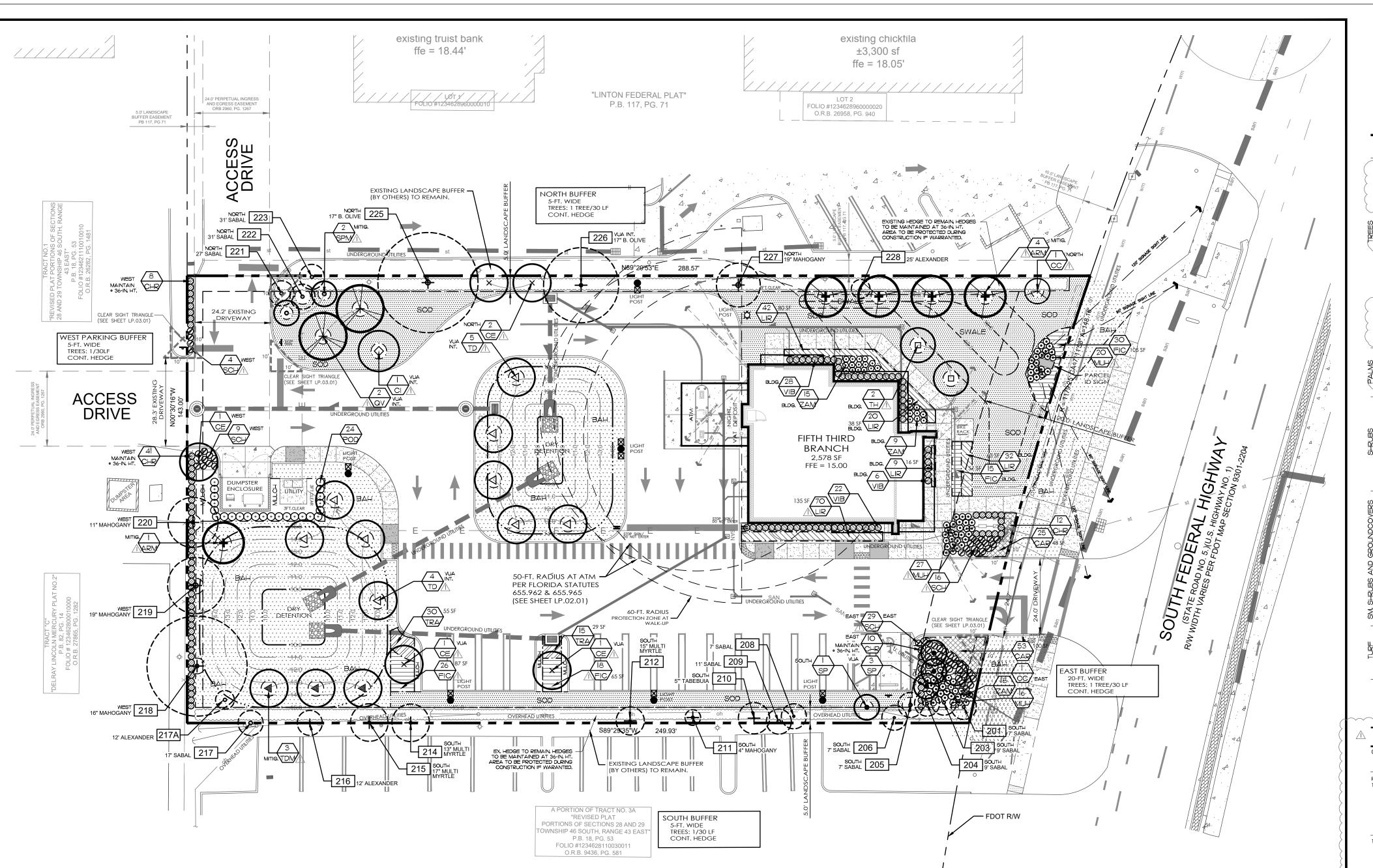
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PROJECT INFORMATION BLOCK JOB# DATE: 12/31/24 DRAWN BY: CHECKED BY:

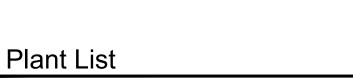
SHEET TITLE

IRRIGATION **DETAILS**

SHEET NUMBER



8-1-1 SUNSHINEBILCOM NOTIFICATION CENTER





TREES USED FOR MITIGATION CALCULATIONS (TREES/PALMS = I · I)
TREES USED FOR MITIGATION CALCULATIONS FOR TREES 50% OR GREATER (INCH : INCH) PLEASE NOTE: NATIVE - TREES/PALMS - 30 OF 35 - 86% OTHER PLANTS - 310 OF 617 - 50%

ARGENTINE BAHIA SOD

| (SEE SHEET LPO2,OI) | | |
|---|------------------------|---|
| QUANTITY | REQUIRED MITIGATION | PROVIDED MITIGATION DIFFERENC |
| REMOVED TOTAL TREES (50% > HEALTH) - 4 TREES MITIGATION @ INCH PER INCH (1) MAHOGANY @ 11" DBH (1) LIVE OAK @ 11" DBH (1) BUTTONWOOD @ 19" DBH (1) MAHOGANY @ 20" DBH | 61" DBH | PROVIDED TOTAL TREES (50% > HEALTH) AUTIGATION @ 3" DBH EACH (2) BOTTLEBRUSH = 6" DBH (5) BUTTONWOOD = 15" DBH (1) BEAUTY LEAF = 3" DBH (2) LIVE OAK = 6" DBH (2) PINK TABEBUIA = 6" DBH (9) BALD CYPRESS = 27" DBH |
| TOTAL TREES (< 50% HEALTH) - 8 TREES MITIGATION @ ONE PER ONE (4) MAHOGANY = 4 TREES (3) LIVE OAK = 3 TREES (1) BLACK OLIVE = 1 TREE | 8 TREES | TOTAL TREES (< 50% HEALTH) 8 TREES 0 TREE MITIGATION @ ONE PER ONE (5) RED MAPLES = 5 TREES (3) BALD CYPRESS = 3 TREES |
| TOTAL PALMS MITIGATION @ ONE PER ONE - 2 PALMS (2) SABAL PALMS = 2 PALMS | 2 PALMS | TOTAL PALMS MITIGATION @ ONE PER ONE 2 PALMS 0 PALM (2) SABAL PALMS = 2 PALMS |
| NO MITIGATION REQUIRED INVASIVE TREES - 3 TREES UNDERSIZED PALMS - 1 PALM | N/A N/A | TOTAL OUTSTANDING MITIGATION = N, |

TIGHTLY, EVEN UNIFORM

| , | AL, AND INDUSTRIAL DEVELOPMENT | | PLANT LI | STS (EXAMPLE) |
|---|---|---|---|--|
| NTERIOR LANDSCAPING .DR SEC. 4.6.16.(H)(3)(G) & | REQUIRED: 10% OF 16,019 SQ.FT. OF PARKING & ACCESSWAYS, ONE TREE FOR EVERY 125 SQ.FT. | 1,602 SQ.FT <u>13</u> TREES | # (QUANTITY) & LIST OF TREES/PALMS 1 EX. BLACK OLIVE (#226) | #(QUANTITY) & LIST OF SHRUBS FOR HEDGE |
| (H) FOR EVERY 125 SQ.FT. PROVIDED: | 3,940 SQ.FT <u>13</u> TREES | 1 BEAUTY LEAF 2 LIVE OAK 9 BALD CYPRESS | | |
| LANDSCAPE STRIP LDR SEC. 4.6.16(H)(3)(A) | REQUIRED: ONE TREE FOR EVERY 30 LINEAR | L.F. (BETWEEN PKG & ROW) TREES &15SHRUBS | # (QUANTITY) & LIST OF TREES/PALMS | # (QUANTITY) & LIST OF SHRUBS FOR HEDGE |
| EAST PROPERTY LINE | FEET (L.F.) WITH CONTINUOUS HEDGE PROVIDED: | 29 L.F. (BETWWEN OKG. & ROW) | • 1 BOTTLEBRUSH | • 29 DWARF SCHEFFLERA • 10 COCOPLUM |
| | THOUBED. | 1 TRÈES & 39 SHRUBS | | |
| LANDSCAPE BARRIER LDR SEC. 4.6.16(H)(3)(D) | REQUIRED: ONE TREE FOR EVERY 30 L.F. WITH CONTINUOUS HEDGE | <u>177</u> L.F. (ALONG VUA AREA) <u>6</u> TREES & <u>89</u> SHRUBS | # (QUANTITY) & LIST OF TREES/PALMS: | # (QUANTITY) & LIST OF SHRUBS FOR HEDGE |
| NORTH PROPERTY LINE PROVIDED: | | 177 L.F. | 3 EX. SABALS (#s221,222,223) 1 EX. BLACK OLIVE (#225) 1 EX. MAHOGANY (#227) | EXISTING CONT. HEDGE |
| | | 6 TREES & EXISTING CONT. HEDGE | 2 GREEN BUTTONWOOD 1 BOTTLEBRUSH | |
| LANDSCAPE BARRIER LDR SEC. 4.6.16(H)(3)(D) | REQUIRED: ONE TREE FOR EVERY 30 L.F. WITH | 115 L.F. (143 LF LESS 28 LF DRIVEWAYS) 2 TREES & 58 SHRUBS | #YQUANTITY) & LIST OF TREES/PALMS: | # (QUANTITY) & LIST OF SHRUBS AND/OR GROUND COVERS |
| WEST PROPERTY LINE CONTINUOUS HEDGE PROVIDED: | 115 L.F. | 3 EX. MAHOGANY (#s 218,219,220) | ♣ 49 COCOPLUM★ 13 DWARF SCHEFFLERA | |
| | TREE\$ & _62 SHRUBS | 1 GREEN BUTTONWOOD | | |
| LANDSCAPE BARRIER LDR SEC. 4.6.16(H)(3)(D) | REQUIRED: ONE TREE FOR EVERY 30 L.F. WITH | <u>150</u> L.F. TREES & <u>_94</u> SHRUBS | # (QUANTITY) & LIST OF TREES/PALMS: | # (QUANTITY) & LIST OF SHRUBS AND/OR GROUND COVERS |
| SOUTH PROPERTY LINE CONTINUOUS HEDGE PROVIDED: | 150 L.F. | 3 EX. MYRTLES (#s212,214,215) 1 EX. MAHOGANY (#211) | EXISTING CONT. HEDGE | |
| | 5 TREES & EXISTING CONT. SHRUBS | 1 EX. TABEBUIA (#210) 5 EX. SABAL PALMS (#s 201,203,204,205,206) 1 SABAL PALM | | |
| FOUNDATION LANDSCAPING LDR SEC. 4.6.16 (H)(4) REQUIRED: TOT. BLDG. FAÇADE LENGTH FACING ROWS PROVIDED: STREET TREES REQUIRED: | <u>54</u> L.F. | # (QUANTITY) & LIST OF TREES/PALMS: | #(QUANTITY) & LIST OF SHRUBS AND/OR GROUND COVERS | |
| | | | • 2 PINK TABEBUIA | 34 VIBURNUM 24 ZAMIA |
| | REQUIRED: | TREES & <u></u> | # (QUANTITY) & LIST OF TREES: | 61 LIRIOPE 15 GREEN ISLAND FICUS |
| LDR SEC. 4.6.16. (H)(6) ONE STREET TREE FOR EVERY 40 L.F. WITH A MINIMUM OF ONE TREE PER PROPERTY. PROVIDED: | ONE STREET TREE FOR EVERY 40 L.F. WITH A MINIMUM OF ONE TREE PER | N/A TREES | • N/A | |
| | <u>N/A</u> L.F. <u>N/A</u> TREES & <u>N/A</u> SHRUBS | | | |
| LANDSCAPE BUFFER PLEASE REVIEW REQUIREMENTS OF A SPECIFIC USE, ZONING DISTRICT STANDARDS, AND SEC. 4.6.16(H)(3)(E) REQUIRED: PROVIDED: | REQUIRED: | | # (QUANTITY) & LIST OF TREES/PALMS | # (QUANTITY) & LIST OF SHRUBS AND/OR GROUND COVERS |
| | | | • N/A | |
| | PROVIDED: | <u>N/A</u> L.F. <u>N/A</u> TREES & <u>N/A</u> SHRUBS | | |
| LANDSCAPE ISLAND AND STRIP FOR PARKING LOT | 3 LANDSCAPE ISLANDS ONE SHADE TREE, A MINIMUM OF 135 | 3TREES | # (QUANTITY) & LIST OF TREES: 2 GREEN BUTTONWOOD | |
| LDR SEC. 4.6.16(H)(3)(I), (J), | SQ.FT. OF PLANTING AREA, AT LEAST 9 FT WD, NOT INCLUDING A CURB | | 3 SABAL PALMS = 1 TREE | |
| | PROVIDED: | 3 TREES | | |

PLANT SPECIES ---(REFER TO LANDSCAPE REQUIREMENTS)
INT. = INTERIOR LANDSCAPE AREA BLDG.= FOUNDATION PLANTING AREA NORTH = NORTH BUFFER EAST = EAST BUFFER SABAL PALM ———— 12' CLEAR TRUNK (C.T.) WEST = WEST BUFFER MITIG. = MITIGATION TREES ____ = ADDITIONAL PLANT MATERIAL

Statement of Intent "as to the method and coverage of irrigation" per LRD 4.6.16(C)(1)(b)4: Per LRD 4.6.16(F) <u>Irrigation Requirements:</u> "All landscaped areas shall be provided with a fully automated sprinkler system that will provide complete coverage of all plant materials and grass to be maintained. All systems shall be designed to allow for head-to-head coverage (one hundred (100) percent coverage with one hundred (100) percent overlap)".

PLAN VIEW

Any trees or shrubs placed within water, sewer or drainage easements shall conform to the City of Delray Beach Standard Details, LD1.1 & LD1.2. See Sheet LP02.1 for Standard Details.

Notes as per City of Delray Beach:

- I, ALL PLANT MATERIAL SHALL BE FLORIDA # I GRADE OR BETTER
- 2, MULCH SHALL BE APPLIED TO A MINIMUM DEPTH OF THREE (3) INCHES IN ALL PLANTING BEDS,
- 3. ALL PROHIBITED PLANT SPECIES SHALL BE ERADICATED FROM THE SITE. 4, ALL LANDSCAPE AREAS SHALL BE PROVIDED WITH AN IRRIGATION SYSTEM, AUTOMATICALLY OPERATED, TO
- PROVIDE COMPLETE COVERAGE TO ALL PLANT MATERIALS AND GRASS TO BE MAINTAINED. 5, SOD AND IRRIGATION SHALL BE PROVIDED WITHIN UNPAVED PORTION OF THE RIGHT-OF-WAY ADJACENT TO THE PROPERTY LINE,
- 6, REINFORCED CONCRETE CURBING AT LEAST SIX (6) INCHES IN HEIGHT SHALL BE PROVIDED AROUND ALL LANDSCAPE ISLANDS AN AS A SEPARATOR BEWEEN ALL LANDSCAPED AREAS THAT ARE ADJACENT TO VEHICULAR USE AREAS UNLESS SUCH CURBING WILL INTERFERE WITH DRAINAGE,

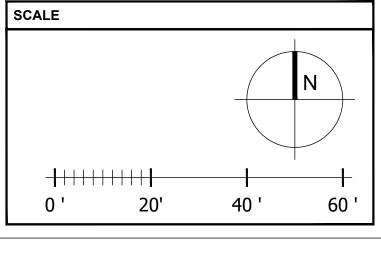
General Notes

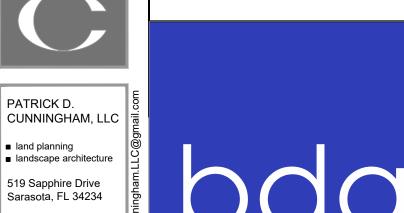
FEET FROM POWER LINES.

- I. PLANT AND LANDSCAPE MATERIALS SHALL CONFORM TO THE STANDARDS FOR FLORIDA NO. I, AS GIVEN IN THE GRADES AND STANDARDS FOR NURSERY PLANTS, PARTS I & II AS PREPARED BY FLORIDA DEPARTMENT OF AGRICULTURE AND
- 2. ALL UTILITIES THAT ARE KNOWN TO THE LANDSCAPE ARCHITECT ARE LOCATED ON THE PLAN, FOR EXISTING OR PROPOSED UTILITIES: A. NO TREE SHALL BE PLANTED WHERE IT COULD CONFLICT WITH OVERHEAD POWER LINES AT MATURE HEIGHT,
- B, NO TREE, SHRUBS, HEDGES OR VINES SHALL BE PLANTED WITHIN FIVE (5) FEET OF ANY EXISTING OR PROPOSED UTILITY POLE, GUY WIRE OR-PAD MOUNTED TRANSFORMER. C, LARGE TREES (HEIGHT AT MATURITY OF MORE THAN 30 FEET SHALL BE PLANTED NO CLOSER THAN A HORIZONTAL
- DISTANCE OF 30 FEET FROM THE NEAREST OVERHEAD POWERLINE, D. MEDIUM HEIGHT TREE (HEIGHT AT MATURITY BETWEEN 20 AND 30 FEET) SHALL BE OFFSET AT LEAST TWENTY 20 E, SMALL TREES (HEIGHT AT MATURITY OF LESS THAN 20 FEET) REQUIRE NO OFFSET. F. PALMS SHOULD BE PLANTED AT A DISTANCE EQUAL TO OR GREATER THAN THE AVERAGE FROND LENGTH PLUS 2
- 3. THE CONTRACTOR SHALL ENSURE THAT ALL PLANTING ISLANDS AND OTHER AREAS SHALL BE CLEAN OF TRASH, CONSTRUCTION DEBRIS, OR OTHER WASTE MATERIALS TO A DEPTH OF 24 INCHES PRIOR TO LANDSCAPE INSTALLATION.
- 4, IT IS THE CONTRACTORS RESPONSIBILITY TO INSURE THAT ALL PLANT BED AREAS HAVE PROPER DRAINAGE FOR OPTIMUM GROWTH OF LANDSCAPE MATERIAL BEFORE INSTALLATION BEGINS, EXISTING DRAINAGE PATTERN SHALL NOT BE ALTERED OR EFFECTED BY NEW LANDSCAPING.
- 5. PLANT ALL TREES AND PALMS (2 INCH 4 INCH) ABOVE FINISHED GRADE, TREES INSTALLED OR BURIED TOO DEEP SHALL BE RESET TO THIS STANDARD, REMOVE THE TOP ONE-THIRD (1/3) OF THE WIRE BASKETS ON ALL B & B MATERIAL. 6. ALL HEDGES AND GROUNDCOVERS TO BE PLANTED LEAVING SPACE BETWEEN PLANTS AND BUILDINGS, WALLS AND
- 7. ALL PLANT BEDS AND TREE RINGS SHALL BE TREATED WITH PRE-EMERGENT HERBICIDE AND THEN TOP-DRESSED WITH
- 3-INCH DEEP LAYER OF COMMERCIAL <u>PINE BARK NUGGETS</u>, CONTRACTOR SHALL INSTALL WOVEN WEED BARRIER FABRIC
- 9. ALL EXOTIC VEGETATION TO BE REMOVED FROM THE SITE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- 8. HAND DIGGING HOLES FOR INSTALLING PROPOSED TREES IN CLOSE PROXIMITY TO UTILITIES IS REQUIRED TO AVOID CONFLICTS,

IO, EXISTING AND PROPOSED LANDSCAPING IS TO BE MAINTAINED PER JURISDICTION'S CLEAR SIGHT TRIANGLE REGULATIONS,

- NEW SOD SHALL BE ST. AUGUSTINE FLORITAM. THE QUANTITY SHOWN ON THE PLANT LIST IS AN ESTIMATE AND CONTRACTOR SHALL DETERMINE EXACT QUANTITIES IN THE FIELD, SOD AREAS TO BE MAINTAINED BY THE CONTRACTOR FROM THE TIME OF INSTALLATION TO THE TIME OF FINAL ACCEPTANCE.
- THE LANDSCAPE ARCHITECT MAY INSPECT TREES AND SHRUBS WHETHER AT PLACE OF GROWTH OR AT SITE BEFORE PLANTING, FOR COMPLIANCE WITH THE REQUIREMENTS FOR GENUS, SPECIES, VARIETY, SIZE AND QUALITY. LANDSCAPE ARCHITECT RETAINS RIGHT TO FURTHER INSPECT TREES AND SHRUBS FOR SIZE AND CONDITION OF BALLS AND ROOT SYSTEMS, INSECTS, INJURIES AND LATENT DEFECTS, AND TO REJECT UNSATISFACTORY OR DEFECTIVE MATERIAL AT ANY TIME DURING PROGRESS OF WORK, REMOVE REJECTED TREES OR SHRUBS IMMEDIATELY FROM PROJECT SITE.
- I3. ALL MINIMUMS FOR EACH PLANT SPECIFIED WITHIN THE PLANT LIST ARE REQUIRED TO BE MET.
 A. THE TREE HEIGHT AND SPREAD WILL PREVAIL OVER CALIPER AND CONTAINER SIZE.
 B. PERIMETER HEDGES ARE REQUIRED TO BE INSTALLED AT 30-IN, HEIGHT, AND CALCULATED AT A 36-IN, ON-CENTER
- IF ANY OF THE MINIMUMS ARE NOT MET, THE INSTALLED MATERIAL MAY OR MAY NOT BE REJECTED ON A CASE BY CASE BASIS BY THE LANDSCAPE ARCHITECT, OWNER, OR JURISDICTION, FOR EXAMPLE, ALL TREE CALIPER AND CONTAINER SIZES NOTED ON THE PLANT LIST AREA MINIMUM, CONTRACTOR TO INCREASE THE SIZE IF NECESSARY TO CONFORM TO THE PLANT SIZES AND SPECIFICATIONS.
- , NO SUBSTITUTIONS WILL BE ACCEPTABLE, IF SPECIFIED LANDSCAPE MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF NON-AVAILABILITY TO LANDSCAPE ARCHITECT AND JURISDICTION TOGETHER WITH THE PROPOSAL FOR USE OF EQUIVALENT MATERIAL
- 15. IN EVENT OF DISCREPANCY, THE PLANTING PLAN SHALL TAKE PRECEDENCE OVER THE PLANT LIST.
- TREES TO BE STAKED ONLY IF REQUIRED AS DEEMED NECESSARY BY OWNER AND LANDSCAPE ARCHITECT TO ASSURE HEALTH, SAFETY AND WELFARE (INCLUDES BUT NOT LIMITED TO ALL CURVED CABBAGE, TALL ROYALS, CURVED AND LEANING SPECIMEN), ALL WOOD STAKES TO BE PAINTED FOREST GREEN, STAKING PROCEDURES SHALL BE STANDARD CONTRACTOR PRACTICE CREATING NO TRUNK DAMAGE OR FUTURE STRANGULATION OF TREE.
- ALL PLANT MATERIAL SHALL BE PLANTED WITH "TERRA-SORB AG" OR AN APPROVED EQUAL, IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR THE RATE OF APPLICATION.
- 18. AN AUTOMATIC IRRIGATION SYSTEM WILL BE PROVIDED WHICH MEETS OR EXCEEDS THE FULL REQUIREMENTS OF THE LAND DEVELOPMENT REGULATIONS, THE OWNER WILL SUPPLY ALL PROPOSED PLANT MATERIAL WITH 100% IRRIGATION (AUTOMATIC) COVERAGE (WITH 50% OVERLAP MINIMUM) WITHIN TEN DAYS OF INITIAL INSTALLATION.
- 19. CONTRACTOR TO INSTALL THE IRRIGATION SYSTEM PER THE JURISDICTION'S REGULATIONS TO CONFORM TO THE LANDSCAPE DESIGN,





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SOUTH AY BEA

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1208 East Kennedy Boulevard

PATRICK D. CUNNINGHAM FL REG. NO. LA0001669

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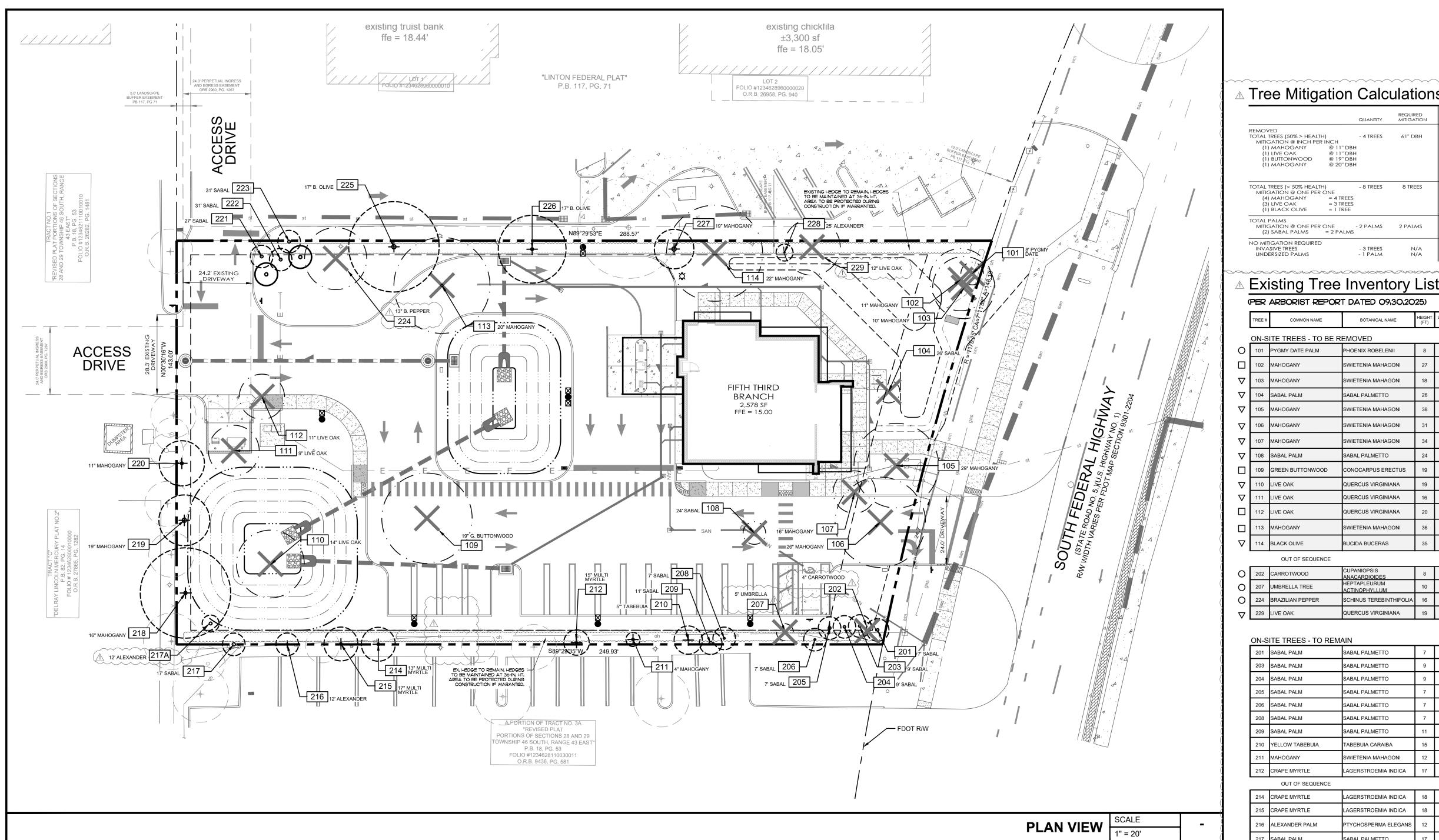
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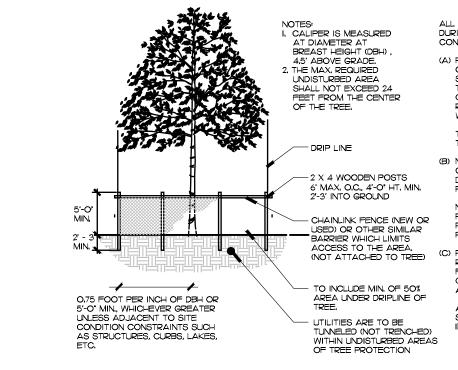
PROJECT INFORMATION BLOCK JOB# DATE: 12/31/24

DRAWN BY CHECKED BY:

SHEET TITLE LANDSCAPE PLAN

SHEET NUMBER





TYPICAL TREE PROTECTION DETAIL NOT TO SCALE

8-1-1 SUNSHINEBILCOM NOTIFICATION CENTER

△ Tree Mitigation Calculations

BOTANICAL NAME

PHOENIX ROBELENII

SABAL PALMETTO

SWIETENIA MAHAGONI

WIETENIA MAHAGONI

WIETENIA MAHAGONI

SWIETENIA MAHAGONI

SWIETENIA MAHAGONI

ONOCARPUS ERECTL QUERCUS VIRGINIANA QUERCUS VIRGINIANA

QUERCUS VIRGINIANA WIETENIA MAHAGONI

BUCIDA BUCERAS

SABAL PALMETTO

SABAL PALMETTO

SABAL PALMETTO

SABAL PALMETTO

SABAL PALMETTO

TABEBUIA CARAIBA

SWIETENIA MAHAGONI

LAGERSTROEMIA INDICA

LAGERSTROEMIA INDICA

LAGERSTROEMIA INDICA

SABAL PALMETTO

YCHOSPERMA ELEGAN

YCHOSPERMA ELEGAN

SWIETENIA MAHAGONI

WIETENIA MAHAGONI

SABAL PALMETTO

SABAL PALMETTO

SABAL PALMETTO

BUCIDA BUCERAS

BUCIDA BUCERAS

TYCHOSPERMA ELEGA

SCHINUS TEREBINTHIFOLIA QUERCUS VIRGINIANA

DEAD

1 GOOD

FAIR

FAIR

FAIR

GOOD

GOOD

FAIR

GOOD

FAIR

POOR

FAIR

GOOD

FAIR

GOOD

8 8 1 GOOD

7 8 10 13 GOOD

27 8 10 23 GOOD 31 8 10 27 GOOD

8 10 27 GOOD

70%

70%

52%

55%

60%

69%

65%

54%

40%

70%

65%

SCALE

1----

20'

REMAIN POOR STRUCTURE, TRUNK LEAN

REMAIN POOR STRUCTURE, CANOPY CROWDING

REMAIN HEADING CUT, CANOPY CROWDING, VINES

UTRIENT DEFICIENCY, FLORIDA INVASIVE SPECIES COUC

POOR STRUCTURE, CANOPY CROWDING, CANOPY DIEBACK

NOPY DIEBACK, CONFINED ROOT SPACE, INSUFFICENT OTBALL FOR RELCATION, OVER LIFTED CANOPY

40 '

60

POOR STRUCTURE, CANOPY DIEBACK, CONFINED ROOT SPACE, DIRECTIONAL PRUNING, DEADWOOD

REMAIN POOR STRUCTURE, CANOPY CROWDING, CANOPY DIEBACK CONFINED ROOT SPACE, UNBALANCED CROWN

REMAIN FLORIDA INVASIVE SPECIES COUCIL CATEGORY II INVASIVE

WOOD, VISUAL EVIDENCE OF DECAY POOR STRUCTURE, TRUNK LEAN, CANOPY CROWDING, CANOPY DIEBACK, DEADWOOD

SABAL PALMETTO

ON-SITE TREES - TO BE REMOVED

114 BLACK OLIVE

207 UMBRELLA TREE

229 LIVE OAK

201 SABAL PALM

204 SABAL PALM

205 SABAL PALM

206 SABAL PALM

208 SABAL PALM

210 YELLOW TABEBUIA

12 CRAPE MYRTLE

14 CRAPE MYRTLE

215 CRAPE MYRTLE

17 SABAL PALM

221 SABAL PALM

16 ALEXANDER PALM

OUT OF SEQUENCE

1 MAHOGANY

OUT OF SEQUENCE

ON-SITE TREES - TO REMAIN

| QUANTII | REQUIRED Y MITIGATION | | ROVIDED MITIGATION DIFFERENCE |
|--|--------------------------|---|----------------------------------|
| REMOVED TOTAL TREES (50% > HEALTH) - 4 TREE MITIGATION @ INCH PER INCH (1) MAHOGANY @ 11" DBH (1) LIVE OAK @ 11" DBH (1) BUTTONWOOD @ 19" DBH (1) MAHOGANY @ 20" DBH | S 61" DBH | PROVIDED TOTAL TREES (50% > HEALTH) MITIGATION @ 3" DBH EACH (2) BOTTLEBRUSH = 6" DBH (5) BUTTONWOOD = 15" DBH (1) BEAUTY LEAF = 3" DBH (2) LIVE OAK = 6" DBH (2) PINK TABEBUIA = 6" DBH (9) BALD CYPRESS = 27" DBH | 21 TREES 63" DBH + 2" DBH |
| TOTAL TREES (< 50% HEALTH) - 8 TREE MITIGATION @ ONE PER ONE (4) MAHOGANY = 4 TREES (3) LIVE OAK = 3 TREES (1) BLACK OLIVE = 1 TREE | S 8 TREES | TOTAL TREES (< 50% HEALTH) MITIGATION @ ONE PER ONE (5) RED MAPLES = 5 TREES (3) BALD CYPRESS = 3 TREES | 8 TREES 0 TREES |
| TOTAL PALMS MITIGATION @ ONE PER ONE - 2 PALM (2) SABAL PALMS = 2 PALMS | S 2 PALMS | TOTAL PALMS MITIGATION @ ONE PER ONE (2) SABAL PALMS = 2 PALMS | 2 PALMS 0 PALMS |
| NO MITIGATION REQUIRED | C 51/4 | TOTAL OUTSTAN | DING MITIGATION = N/A |



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FL REG. NO. LA0001669

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PROJECT INFORMATION BLOCK JOB# 12/31/24

DRAWN BY:

CHECKED BY:

SHEET TITLE

TREE INVENTORY PLAN

SHEET NUMBER

LP02.01



ROOT BARRIER (SEE NOTES BELOW)

1. THIS DISTANCE SHALL BE 10' MINIMUM FROM ALL CITY FACILITIES IF NO ROOT BARRIER IS USED.

NOTES:

NOT TO SCALE

. ALL ROOT BARRIERS SHALL BE 4' MINIMUM FROM ALL CITY FACILITIES.

2. THE INSTALLATION OF ROOT BARRIERS SHALL BE COORDINATED WITH CITY AND INSPECTED BY CITY PRIOR TO BACKFILLING. ALL ROOT BARRIERS SHALL EXTEND UP TO FINISHED GRADE.

5. ROOT BARRIERS SHALL BE MINIMUM 36" DEEP, APPROVED PRODUCTS INCLUDE "DEEP ROOT" AND "ROOT SOLUTIONS". FLEXIBLE BARRIERS SHALL BE 36" PANELS MANUFACTURED BY BIOBARRIER.

ALL ROOT BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS.

CITY OF DELRAY BEACH
ENVIRONMENTAL SERVICES DEPARTMENT
SERVICES DEPARTMENT
SERVICES DEPARTMENT
LDD 1

TYPICAL TREE WITH ROOT BARRIER
LDD 1

LDD 1

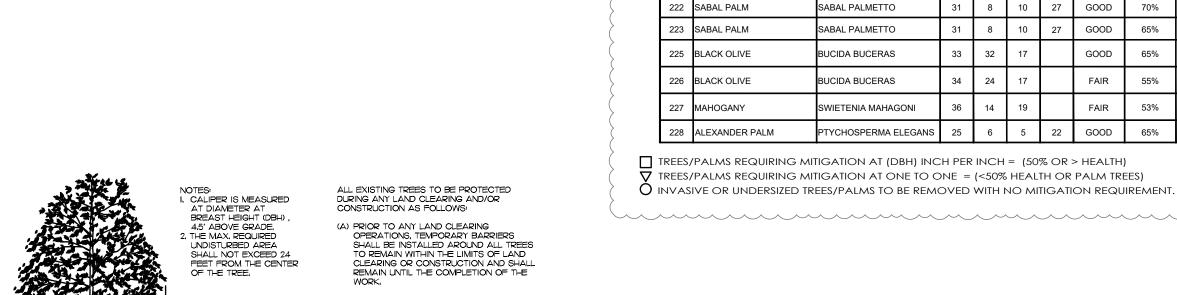
TYPICAL CITY DETAILS

- I. THE EXISTING TREE LOCATIONS AND SIZES (DBH) DEPICTED WITHIN THE LANDSCAPE PLAN SET ARE TAKEN FROM THE CERTIFIED SURVEY DATED 02.03.2025, PREPARED BY PULICE LAND SURVEYORS,
- 2. THE TREE CANOPY SHOWN ON THE PLANS ARE GRAPHIC AND ARE DRAWN AT I-FT, RADIUS PER I-IN DBH, ALTHOUGH RELATIVELY ACCURATELY, ON-SITE VERIFICATION MAY BE REQUIRED,
- 3. A TREE REMOVAL PERMIT WILL BE REQUIRED PRIOR COMMENCEMENT OF DEVELOPMENT ACTIVITY. 4. A CERTIFIED ARBORIST IS TO PROVIDE THE FINAL TREE DISPOSITION PLAN AT TIME OF TREE PERMITTING, THE VALUATION OF TREES SHALL BE APPRAISED USING THE COUNCIL OF TREE AND LANDSCAPE APPRAISERS GUIDE FOR PLANT APPRAISAL, LATEST EDITION.
- 5. TREE BARRICADES FOR TREES TO BE PRESERVED DURING CONSTRUCTION SHALL BE LOCATED AT THE DRIP LINE WHEN POSSIBLE, IF EXISTING CONDITIONS WARRANT, THE CONTRACTOR IS TO INSTALL BARRICADE AT THE BACK OF CURB, SIDEWALK, ETC, BARRICADES MAY BE NECESSARY TO BE INSTALLED OFF-SITE TO PROTECT ADJACENT TREES AS NEEDED, (APPROVAL BY THE ENVIRONMENTAL REVIEW STAFF, PRIOR TO COMMENCEMENT OF CONSTRUCTION MAY BE REQUIRED)
- 6. THE AREA WITHIN THE DRIP LINE SHALL REMAIN UNDISTURBED, THE FOLLOWING ACTIVITIES ARE PROHIBITED WITHIN TECH DRIP LINE OF PRESERVED TREES;
 A. IMPROVEMENTS, FILL, MACHINERY AND VEHICLE TRAVEL OR PARKING
 B. UNDERGROUND UTILITIES
 C. GRADE CHANGES, COMPACTION OF SOIL, OR EXCAVATION
 D. STORAGE OR CONSTRUCTION MATERIALS.
- 7. THE TREE PROTECTION BARRICADES SHALL CONSIST OF CHAIN LINK FENCE (NEW OR USED) OR ORANGE SAFETY FENCE WITH A MINIMUM 5-FOOT HEIGHT, UNLESS OTHERWISE APPROVED BY THE
- 8. A TREE PERMIT WILL BE REQUIRED PRIOR TO ANY CONSTRUCTION, NATIVE VEGETATION REMOVAL WITHIN THE DRIP LINE OF A TREE, AND/OR TREE REMOVAL, (CH., 54, ART, XVII, SECTION 54-584 NO CLEARING WITH HEAVY EQUIPMENT, FILLING, OR PLACEMENT OF IMPROVEMENTS OR UTILITY LINES SHALL OCCUR WITHIN THE PROTECTED ROOT ZONE OF ANY CANOPY TREE TO BE SAVED.
- IO, THE PROTECTED ROOT ZONE IS DEFINED AS THE DRIPLINE OF THE TREE, ONLY HAND CLEARING OR MOWING IS PERMITTED WITHIN THE PROTECTED ROOT ZONE OF A CANOPY TREES TO BE SAVED IF AUTHORIZED BY THE ADMINISTRATOR,

- (B) NO MATERIALS, TRAILERS, EQUIPMENT OR CHEMICALS SHALL BE STORED, OPERATED DUMPED, BURIED OR BURNED WITHIN THE PROTECTED AREAS. NO ATTACHMENT, WIRES (OTHER THAN
- (C) PROTECTED TREES SHALL BE PRUNED TO RESTORE THIS NATURAL SHAPE AND FERTILIZED AS NECESSARY TO COMPENSATE FOR ANY LOSS OF ROOTS AND TO STIMULATE ROOT GROWTH,

ANY DAMAGE TO TREE CROWNS OR ROOT SYSTEMS SHALL BE REPAIRED IMMEDIATELY AFTER DAMAGE OCCURS.

TREE PROTECTION SHALL COMPLY WITH THE JURISDICTION'S REGULATIONS. PROTECTIVE GLY WIRES), SIGNS OR PERMITS SHALL BE ATTACHED TO A PROTECTED TREE,



(X) EXISTING TREE TO BE REMOVED AND/OR RELOCATED EXISTING TREE/PALM I.D. TAG

> DBH & COMMON NAME EXISTING TREE/PALM TO REMAIN

EXISTING OFF-SITE TREE/PALM

TPZ - TREE PROTECTION ZONE

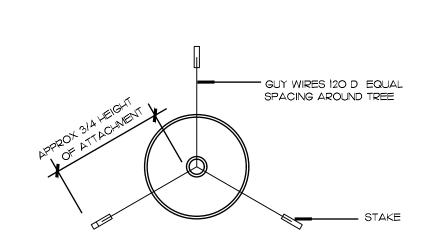
A. MATERIALS

I, THE CONTRACTOR SHALL FURNISH AND INSTALL TREE ROOT BARRIERS AS SPECIFIED. THE TREE ROOT BARRIERS SHALL BE PRODUCT # UB 24-2, # UB 36-2 AND # UB 48-2 AS MANUFACTURED BY DEEP ROOT PARTNERS, L.P. 345 LORTON AVE. #103, BURLINGAME, CA (800-458-7668), OR APPROVED EQUAL. THE BARRIER SHALL BE BLACK, INJECTION MOLDED PANELS, OF 0.085" WALL THICKNESS IN MODULES 24" LONG BY 24" & 48" DEEP, MANUFACTURED WITH A MINIMUM 50% POST CONSUMER RECYCLED POLYPROPYLENE PLASTIC WITH ADDED ULTRAVIOLET INHIBITORS, RECYCLABLE, EACH PANEL SHALL HAVE:

B, CONSTRUCTION AND INSTALLATION

- I. THE CONTRACTOR SHALL INSTALL THE TREE ROOT BARRIERS WITH THE NUMBER OF PANELS AND IN THE MANNER SHOWN ON THE DRAWINGS, THE VERTICAL ROOT DEFLECTING RIBS SHALL BE FACING INWARDS TO THE ROOT BALL AND THE TOP OF THE DOUBLE EDGE SHALL BE 1/2" ABOVE GRADE, EACH OF THE REQUIRED NUMBER OF PANELS SHALL BE CONNECTED TO FORM A CIRCLE AROUND THE ROOT BALL OR WHERE SPECIFIED JOINED IN A LINEAR FASHION AND PLACED ALONG THE ADJACENT HARDSCAPE.
- ALL STREET TREES WITH TRUNKS CLOSER THAN 4 FT. TO PAVED SURFACES SHALL BE PLANTED WITH ROOT BARRIER BETWEEN THE ROOT BALL AND PAVING, PLANTINGS WITHIN TREE WELLS REQUIRE ROOT BARRIERS ALONG ALL SIDES OF THE TREE WELL,
- 2, EXCAVATION AND SOIL PREPARATION SHALL CONFORM TO THE DRAWINGS,
- 3, THE TREE ROOT BARRIERS SHALL BE BACKFILLED ON THE OUTSIDE WITH 3/4" TO I 1/2" GRAVEL OR CRUSHED ROCK AS SHOWN ON THE DRAWINGS, NO GRAVEL BACKFILL IS REQUIRED FOR A LINEAR PLANTING

TYPICAL ROOT BARRIER INSTALLATION NOT TO SCALE



(UNDER 16'-O" HT.)

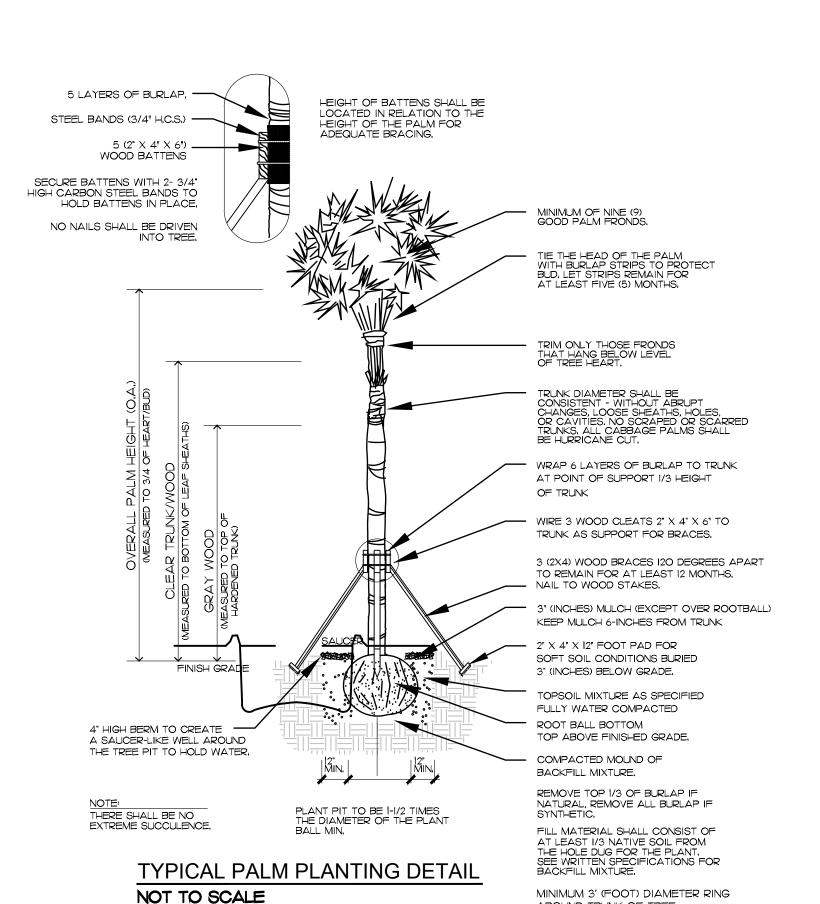
TYPICAL TREE GUYING DETAIL

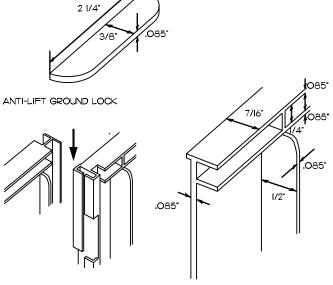
NOT TO SCALE

TYPICAL PLANT SPACING DETAIL NOT TO SCALE

AROUND TRUNK OF TREE

TRUNK OF PLANT





DOUBLE TOP EDGE

FOR PREVENTION OF

ROOT OVER GROWTH

90° ROOT DEFLECTING

THICK POLYPROPYLENE

PATENTED MOLDED

GROUND LOCKING ANTI-LIFT PADS (SEE

ROUNDED EDGES FOR

OF PANEL

DETAIL "B")

ZIPPER JOINING SYSTEM

ZIPPER JOINING SYSTEM

655,962 LIGHTING, MIRRORS, LANDSCAPING.

(I) EACH OPERATOR, OR OTHER PERSON RESPONSIBLE FOR AN AUTOMATED TELLER MACHINE PURSUANT TO SS, 655,960-655,965, SHALL PROVIDE LIGHTING DURING THE HOURS OF DARKNESS WITH RESPECT TO AN OPEN AND OPERATING AUTOMATED TELLER MACHINE AND ANY DEFINED PARKING AREA, ACCESS AREA, AND THE EXTERIOR OF AN ENCLOSED AUTOMATED TELLER MACHINE INSTALLATION, AS FOLLOWS:

(A) THERE SHALL BE A MINIMUM OF IO CANDLEFOOT POWER AT THE FACE OF THE AUTOMATED TELLER MACHINE AND EXTENDING IN AN UNOBSTRUCTED DIRECTION OUTWARD 5 FEET.

(B) THERE SHALL BE A MINIMUM OF 2 CANDLEFOOT POWER WITHIN 50
FEET IN ALL UNOBSTRUCTED DIRECTIONS FROM THE FACE OF THE
AUTOMATED TELLER MACHINE. IF THE AUTOMATED TELLER MACHINE
IS LOCATED WITHIN 10 FEET OF THE CORNER OF THE BUILDING AND
THE AUTOMATED TELLER MACHINE IS GENERALLY ACCESSIBLE FROM
THE ADJACENT SIDE, THERE SHALL BE A MINIMUM OF 2 CANDLEFOOT
POWER ALONG THE FIRST 40 UNOBSTRUCTED FEET OF THE
ADJACENT SIDE OF THE BUILDING.

(C) THERE SHALL BE A MINIMUM OF 2 CANDLEFOOT POWER IN THAT
PORTION OF THE DEFINED PARKING AREA WITHIN 60 FEET OF THE

AUTOMATED TELLER MACHINE,

(2) THE OPERATOR SHALL PROVIDE REFLECTIVE MIRRORS OR SURFACES AT EACH AUTOMATED TELLER MACHINE WHICH PROVIDE THE CUSTOMER WITH A REAR VIEW WHILE THE CUSTOMER IS ENGAGED IN USING THE AUTOMATED TELLER MACHINE,

(3) THE OPERATOR, OR OTHER PERSON RESPONSIBLE PURSUANT TO SS. 655,960-655,965 FOR AN AUTOMATED TELLER MACHINE, SHALL ENSURE THAT THE HEIGHT OF ANY LANDSCAPING, VEGETATION, OR OTHER PHYSICAL OBSTRUCTIONS IN THE AREA REQUIRED TO BE LIGHTED PURSUANT TO SUBSECTION (I) FOR ANY OPEN AND OPERATING AUTOMATED TELLER MACHINE SHALL NOT EXCEED 3 FEET, EXCEPT THAT TREES TRIMMED TO A HEIGHT OF 10 FEET AND WHOSE DIAMETERS ARE LESS THAN 2 FEET AND MANMADE PHYSICAL OBSTRUCTIONS REQUIRED BY STATUTE, LAW, CODE, ORDINANCE, OR OTHER GOVERNMENTAL REGULATION SHALL NOT BE AFFECTED BY THIS SUBSECTION.

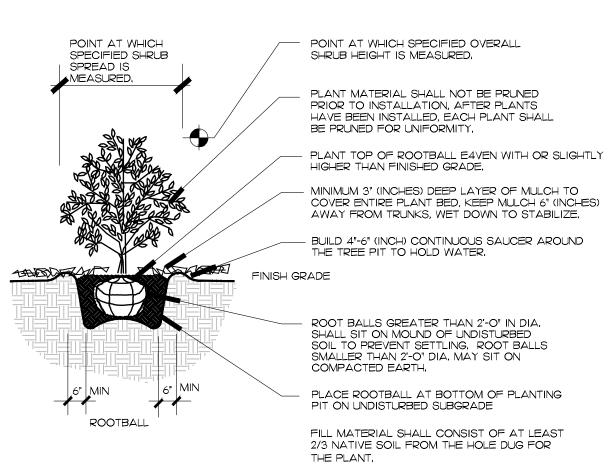
655,965 PREEMPTION, PROHIBITION.

EXCEPT AS EXPRESSLY PROVIDED, THE PROVISIONS OF THIS SECTION AND

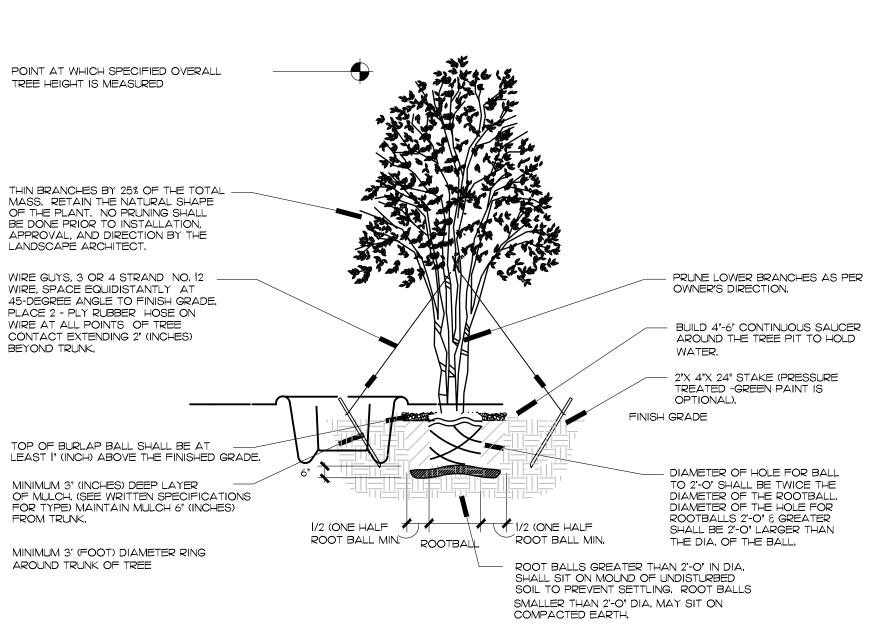
SS, 655,960-655,964 SUPERSEDE AND PREEMPT ALL RULES, REGULATIONS, CODES, OR ORDINANCES OF ANY CITY, COUNTY, MUNICIPALITY, OR OTHER POLITICAL SUBDIVISION OF THIS STATE, AND OF ANY LOCAL AGENCY REGARDING CUSTOMER SAFETY AT AUTOMATED TELLER MACHINES LOCATED IN THIS STATE.

FLORIDA STATE STATUTES

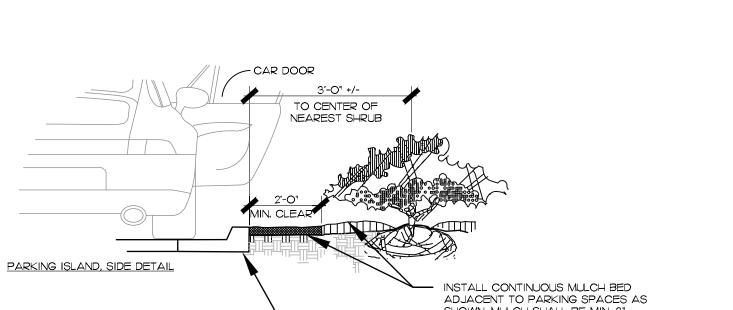
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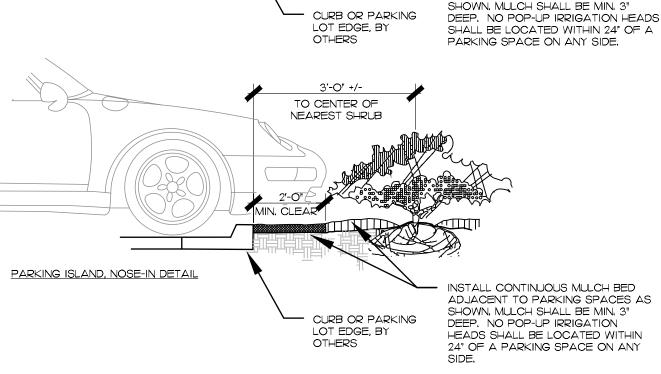


TYPICAL SHRUB/ GROUNDCOVER PLANTING DETAIL NOT TO SCALE

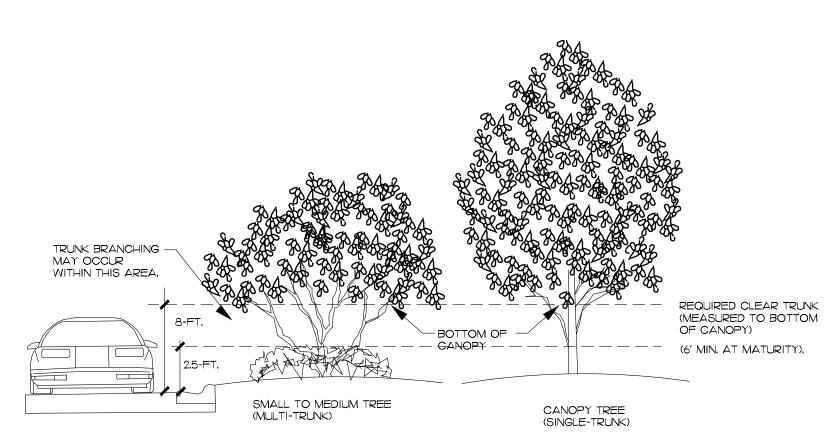


TYPICAL IRREGULAR/MULTI-TRUNK TREE PLANTING DETAIL NOT TO SCALE

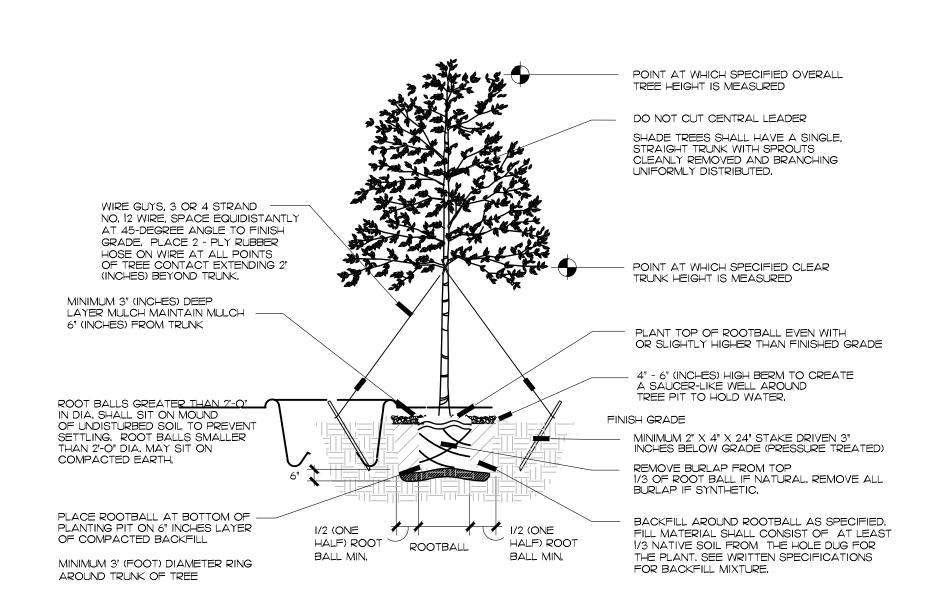




PARKING SPACE/CURB PLANTING NOT TO SCALE



CLEAR TRUNK WITHIN SIGHT TRIANGLE DETAIL NOT TO SCALE



TYPICAL TREE PLANTING DETAIL NOT TO SCALE

48 HOURS BEFORE DIGGING
CALL TOLL FREE
8-1-1
SUNSHINEBILCOM
NOTIFICATION CENTER

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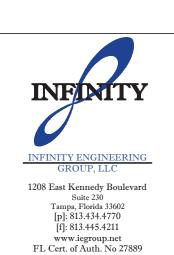


FIFTH THIRD

SOUTH AY BEA

•

IFTH THIRD BANK DELRAY BEACH



PATRICK D. CUNNINGHAM FL REG. NO. LA0001669

DATE

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