SECTION No.(s): 86100000

S.R. No.(s):

PERMIT No: 2022-L-491-00020

COUNTY: Broward

AMENDMENT NUMBER FIFTEEN (15) TO STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FOUR (4) LANDSCAPE INCLUSIVE MEMORANDUM OF AGREEMENT

THIS AMENDMENT	Number Fifteen (15	5) to the Agreement	dated Februa	ry 26, 2013 mad	е
and entered into this	day of	20	by and bet	ween the State	of
Florida Department of T	ransportation herei	nafter called the DE	EPARTMENT	and the CITY O	F
HOLLYWOOD, a munici	ipal corporation of th	ne State of Florida, h	nereinafter call	ed the AGENCY.	

WITNESSETH

WHEREAS, the parties entered into the Landscape Inclusive Maintenance of Agreement dated, February 26, 2013 for the purpose of maintaining the landscape improvements by the AGENCY on various roads including State Road 7; and,

WHEREAS, the DEPARTMENT and the AGENCY have agreed to have additional landscape installed by permit within the City of Hollywood on SR7 / US441 in accordance with the above referenced Agreement; and,

NOW THEREFORE, for and in consideration of mutual benefits that flow each to the other, the parties covenant and agree as follows:

- Per section 9, page 6 of the original Agreement dated February 26, 2013, the DEPARTMENT will allow an adjacent property owner to construct additional landscape improvements or to modify an improvement located as indicated in **Exhibit "A"**, on SR7 / US441 from M.P. 3.026 to M.P. 3.096, in accordance with the plans as attached as **Exhibit "B"**.
- 2. The AGENCY shall agree to maintain the additional landscape improvements described above according to Section I of Exhibit "E" Maintenance Plan of the original agreement dated February 26, 2013 and in Section II as follows:

II. PROJECT SPECIFIC SITE MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS:

- All canopy trees are intended to be maintained at mature height and spread.
- b) Remove suckering growth from base and clear trunk areas on single trunked trees on a quarterly basis.

- c) To maintain the intended appearance of palms, apply a specialized palm fertilizer per manufactures specified rate.
- d) All Palms shall only have dead fronds removed, do not remove any green fronds.
- e) Groundcover and shrubs lateral growth shall be maintained to prevent foliage from growing beyond the limits of the planting areas shown on the plan. Also, maintain a 6" setback from foliage to the back of curb, pavement, and/or sidewalk.
- f) Groundcover and shrubs shall be maintained at the following vertical heights:
 - FIM (Green Island Ficus) between 24" -36"
- g) Inspect on a monthly basis to always maintain full ground coverage for ground cover and shrubs.
- h) Joints and expansion joints in concrete shall be inspected on a monthly basis to be kept free of weeds at all locations.
- i) Inspect the irrigation system performance monthly to ensure the system's pressure is providing adequate coverage and clean or replace any irrigation nozzles that are not properly functioning.
- j) Evaluate plant material on a monthly basis for pests and diseases. If required, follow the integrated pest management program established by the Agency to ensure healthy plants.

Except as modified by this Amendment, all terms and conditions of the original Agreement and all Amendments thereto shall remain in full force and effect.

LIST OF EXHIBITS

Exhibit A - Landscape Improvements and Maintenance Boundaries

Exhibit B - Landscape Improvement Plans

In Witness whereof, the parties hereto have executed with this Amendment effective the day and year written and approved.

CITY OF HOLLYWOOD a municipal corporation of the State of Florida		
	Attest:	
By: Josh Levy, Mayor	Patricia A. Cerny, MMC	_
	City Clerk	
Date:	Approved as to Form:	
	Douglas R. Gonzales City Attorney	_
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
By: Transportation Development Director	Date:	
Attest: Executive Secretary		
Legal Review:Office of the General Counsel		

SECTION No.(s): 86100000

S.R. No.(s):

PERMIT No: 2022-L-491-00020

COUNTY: Broward

EXHIBIT A

LANDSCAPE IMPROVEMENTS AND MAINTENANCE BOUNDARIES

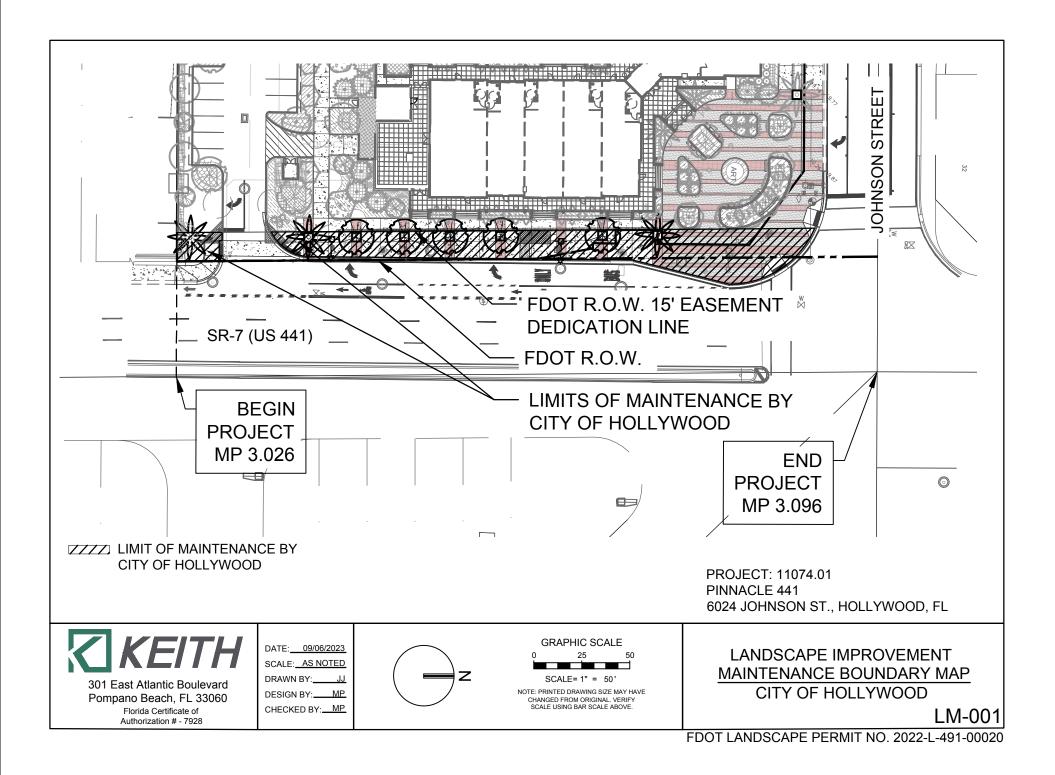
I. INCLUSIVE LIMITS OF MAINTENANCE ON STATE ROAD 7

SR 7 from SR 824/Pembroke Rd. (MP 1.56) to 515' N. of Farragut St. (MP 4.34)

II. PERMIT LANDSCAPE MAINTENANCE LIMITS:

SR 7 /US 441 from M.P. 3.026 to M.P. 3.096

See Attached Map



SECTION No.(s): 86100000

S.R. No.(s):

PERMIT No: 2022-L-491-00020

COUNTY: Broward

EXHIBIT B

LANDSCAPE IMPROVEMENT PLANS

The AGENCY agrees to install the landscape improvements in accordance with the plans and specifications attached hereto and incorporated herein.

Please see attached plans prepared by: Michael Phillips, RLA

Keith and Associates

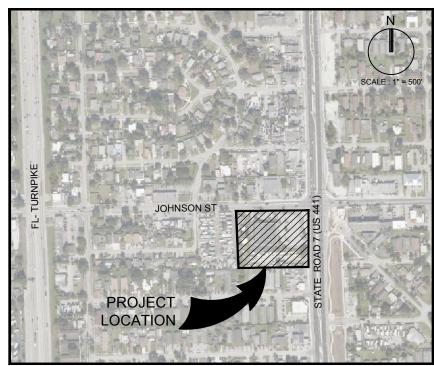
Dated: September 7, 2023

FDOT LANDSCAPE PERMIT

PINNACLE 441

6024 JOHNSON ST.

CITY OF HOLLYWOOD **BROWARD COUNTY, FLORIDA**



LOCATION MAP

SECTION 13, TOWNSHIP 51S, RANGE 41E FOLIO #514113040090, 514113040100, \$514113040110

PREPARED FOR: **PINNACLE** 9400 S. DADELAND BLVD., SUITE 100 MIAMI, FL 33156

St. Augustine Gainesville Daytona Beach Orlando HOLLYWOOD

ALL ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON NAVD 1988 DATUM

LAND DESCRIPTION:

LOT 12, LESS THE SOUTH 100 FEET, IN BLOCK 2, PINE RIDGE ESTATES, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 24, PAGE 10, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA: AND ALSO THE FAST 30 FEET OF LOT 11, LESS THE SOUTH 100 FEET IN BLOCK 2, PINE RIDGE ESTATES, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 24, PAGE 10, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA; LESS THAT PORTION CONVEYED TO STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION BY DEEDS RECORDED IN INSTRUMENT NUMBERS 112853176 AND 112853177 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

THE SOUTH 100 FEET OF LOT 12, BLOCK 2, PINE RIDGE ESTATES, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 24, ON PAGE 10 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA

ALSO TOGETHER WITH

(PARCEL 3)

LOT 11, LESS THE WEST 220 FEET AND LESS THE NORTH 230 FEET OF THE EAST 30 FEET IN BLOCK 2. PINE RIDGE ESTATES. ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 24, PAGE 10 OF THE PUBLIC RECORDS OF BROWARD

SAID LANDS LYING IN THE CITY OF HOLLYWOOD, BROWARD COUNTY, FLORIDA CONTAINING 132,642 SQUARE FEET (3.045

FEMA FLOOD ZONE:

THE PROPERTY IS LOCATED WITHIN FLOOD ZONE AH WITH A BASE FLOOD ELEVATION OF 10 FEET, AS SHOWN ON F.I.R.M. NUM 12011C0564J, BEARING A MAP EFFECTIVE DATE OF 12/31/2019.

FDOT GENERAL NOTES:

INDEX OF SHEETS

TREE DISPOSITION SCHEDULE & DETAILS

GENERAL NOTES, SCHEDULES, & LEGENDS

COVER SHEET

HARDSCAPE PLAN

LANDSCAPE PLAN

IRRIGATION PLAN

LANDSCAPE DETAILS

HARDSCAPE DETAIL: LANDSCAPE NOTES

TREE DISPOSITION PLAN

LANDSCAPE NOTES & SCHEDULE

FDOT CLEAR SIGHT LINE EXHIBIT

IRRIGATION SCHEDULE & NOTES

SHEET TITLE

- 1. GOVERNING STANDARD PLANS: FLORIDA DEPARTMENT OF TRANSPORTATION FY 2022-23 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION. AND APPLICABLE INTERIM REVISIONS (IRS) ARE AVAILABLE AT THE FOLLOWING WEBSITE: https://www.fdot.gov/design/star
- 2. GOVERNING STANDARD SPECIFICATIONS:
 - FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2022 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE INTERIM REVISIONS (IRS) ARE AVAILABLE AT THE FOLLOWING WEBSITE:
- 3. CONTRACTOR SHALL REPAIR ALL DAMAGE DONE TO FDOT PROPERTY DURING DEMOLITION. RELOCATION &/OR INSTALLATION

SHEET No.

GI-000

LD-001

LD-101

LH-001

LH-101

LH-50

LP-002

LP-100

I P-101

LP-501

LI-101

- 4. ANY PLANT MATERIAL SUBSTITUTION WITHIN OR IMPACTING THE FOOT RIGHT OF WAY WHETHER REQUESTED BY THE CONTRACTOR, OWNER, LANDSCAPE ARCHITECT OR OTHER WILL NEED TO GET APPROVAL FROM THE FOOT DISTRICT LANDSCAPE ARCHITECT.
- 5. PATTERNED PAVEMENT INSTALLATION SHALL COMPLY WITH CURRENT FDOT STANDARD SPECIFICATION 523. FRICTION TESTING WILL BE REQUIRED AT INTERVALS IN ACCORDANCE WITH FDOT FM 5-592, ASTM E274, OR ASTM E1911. ALL COSTS FOR FRICTION TESTING WITHIN THE TRAVEL WAY ARE THE RESONSIBILITY OF THE AGENCY. ONLINE REFERENCE:

http://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/ specbooks/january-2022/january 2022-ebook.pdf?sfvrsn=752d1333 4

6. OWNERSHIP OF ALL SUITABLE EXCAVATED MATERIALS, AS DETERMINED BY THE DEPARTMENT, SHALL REMAIN IN THE DEPARTMENT UNTIL A FINAL ACCEPTANCE OF THE PERMITTED PROJECT IS FULFILLED. EXCAVATED MATERIALS SHALL BE HAULED BY THE PERMITTEE, AT THEIR COST & EXPENSE FROM THE SITE TO THE BROWARD OPERATIONS CENTER OR STOCKPILED IN THOSE AREAS AS DIRECTED BY THE DEPARTMENT, INCLUDING ASPHALT MILLINGS.

- FDOT PLANTING NOTES:

 1. FOR THE PORTION OF LANDSCAPE PLANT MATERIAL THAT WILL BE INSTALLED WITHIN THE FDOT RIGHT OF WAY, LANDSCAPE INSTALLATION SHALL COMPLY WITH CURRENT APPLICABLE FOOT MAINTENANCE SPECIFICATION 580. ONLINE REFERENCE: ssm5800000wd-722-i17992.pdf (windows.net)
- 2. FOR THE PORTION OF LANDSCAPE PLANT MATERIAL THAT WILL BE INSTALLED WITHIN THE FDOT RIGHT OF WAY REFER TO THE FDOT STANDARD PLANS INDEX 580-001 LANDSCAPE INSTALLATION. ONLINE REFERENCE: https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/design/standardplans/2022/idx/580-001.pdf
- 3. CYPRESS MULCH IS NOT PERMITTED ON FDOT RIGHT OF WAY. MULCH PERMITTED TO BE USED ARE HARDWOOD MULCH (CONTAINING NO CYPRESS PRODUCTS), RECYCLED MULCH OR APPROVED EQUAL, CERTIFIED BY THE MULCH AND SOIL COUNCIL (MSC). SUBMIT PROOF OF CERTIFICATION TO THE FDOT DISTRICT OPERATIONS PERMIT LANDSCAPE INSPECTOR UPON INSPECTION.
- 4 SODDED AREAS WILL BE IN ACCORDANCE WITH STANDARD PLANS INDEX 570-010 AND STANDARD SPECIFICATIONS SECTION 162-570-981 982, 983, 987 OF THE DEPARTMENT'S LATEST EDITION OF GOVERNING DESIGN STANDARDS AND STANDARD SPECIFICATIONS. ALL DISTURBED AREAS WILL BE SODDED WITHIN ONE(1) WEEK OF INSTALLATION OF SAID PERMITTED WORK.

- FDOT IRRIGATION NOTES:
 THE IRRIGATION SYSTEM SHALL USE THE LOWEST QUALITY WATER AVAILABLE WHICH ADEQUATELY AND SAFELY MEETS THE WATER NEEDS OF THE SYSTEM. STORM WATER, RECLAIM WATER, OR GREY WATER IRRIGATION SHALL BE USED WHENEVER POSSIBLE.
- 2. FDOT REQUIRES 24-HOUR EMERGENCY ACCESS TO WATER SOURCE
- 3 CONTRACTOR SHALL PROVIDE FOOT DISTRICT OPERATIONS MANAGER WITH A SET OF "AS-BUILT" IRRIGATION PLANS

- DESIGN SPEED: SR-7 (US 441) DESIGN SPEED = 45 MPH
- VERTICAL CLEARANCE: MIN. PLANTING VERTICAL CLEARANCE PER FDOT MAINTENANCE RATING PROGRAM ROADWAY = 14.5' VERTICAL CLEARANCE



PROJECT No. 11074.01 **ISSUE DATE: AUGUST 2023** vDate:v2023.09.07 14:06:52-04'00'

MICHAEL J. PHILLIPS, P.L.A.



ACRES) MORE OR LESS

THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA





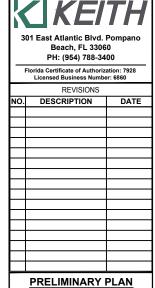
CONCR	RETE				
KEY	DESCRIPTION / MODEL	COLOR	FINISH	CONTACT	REMARKS
(C.1)	CONCRETE	CITY OF HOLLYWOOD STANDARD GREY	MEDIUM BROOM	LOCAL SOURCE	- CONTRACTOR TO PROVIDE 6' X 6' MOCKUP FOR REVIEW & APPROVAL BY CLIENT AND LANDSCAPE ARCHITECT
(C.2)	CONCRETE INTEGRAL COLOR	C-10 COOL GRAY (WITH MATCHING LITHOCHROME COLORWAX CURING MEMBRANE)	MEDIUM SANDBLAST	COMPANY: LM SCOFIELD CONTACT: ROB TARTAGLIA PHONE: (561) 402-6397	- CONTRACTOR TO PROVIDE 6' X 6' MOCKUP FOR REVIEW & APPROVAL BY CLIENT AND LANDSCAPE ARCHITECT
(C.3)	CONCRETE INTEGRAL COLOR	C-284 LANDMARKS GRAY (WITH MATCHING LITHOCHROME COLORWAX CURING MEMBRANE)	MEDIUM BROOM	COMPANY: LM SCOFIELD CONTACT: ROB TARTAGLIA PHONE: (561) 402-6397	- CONTRACTOR TO PROVIDE 6' X 6' MOCKUP FOR REVIEW & APPROVAL BY CLIENT AND LANDSCAPE ARCHITECT
SITE FU	JRNITURE				
(M.1)	CONCRETE TRASH RECEPTACLE - WAUSAU	GRAY	CONCRETE	COMPANY: WAUSAU CONTACT: TROY DAHLKE PHONE: 818-334-0016 CELL	-SUBMIT SAMPLE AND PRODUCT DATA FOR REVIEW & APPROVAL BY LANDSCAPE ARCHITECT
M.2	CONCRETE BENCH WAUSAU - TF5101 72" X 18" X 19"	GRAY	CONCRETE	COMPANY: WAUSAU CONTACT: TROY DAHLKE PHONE: 818-334-0016 CELL	-SUBMIT SAMPLE AND PRODUCT DATA FOR REVIEW & APPROVAL BY LANDSCAPE ARCHITECT
(M.3)	BIKE RACK WAUSAU - RIDE 36" X 20" X 4"	SILVER	METALLIC	COMPANY: WAUSAU CONTACT: TROY DAHLKE PHONE: 818-334-0016 CELL	-SUBMIT SAMPLE AND PRODUCT DATA FOR REVIEW & APPROVAL BY LANDSCAPE ARCHITECT

GENERAL NOTES:

- 1.) LOCATE AND VERIFY THE CONDITION OF EXISTING UTILITIES PRIOR TO EXCAVATION. TAKE RESPONSIBILITY OF CONTACTING LINE LOCATION SERVICES AND ANY COST INCURRED FOR BODILY INJURY AND / OR DAMAGE OF OWNER'S PROPERTY OR SAID UTILITIES.
- 2.) THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED BY THE CONTRACTOR OF ANY DISCREPANCIES DISCOVERED BETWEEN THE PLANS AND ACTUAL SITE CONDITIONS BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE LIABLE FOR ALL MODIFICATIONS AND DAMAGES IF WORK PROCEEDS WITHOUT THIS NOTIFICATION AND APPROVAL.
- 3.) THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF MAINTAINING A SAFE WORK SITE INCLUDING BUT, NOT LIMITED TO PROVIDING FOR TRAFFIC CONTROL, INSTALLATION AND PLACEMENT OF FENCING AND BARRICADES, EXCAVATION AND TRENCH PROTECTION, AND COMPLIANCE WITH ALL FEDERAL AND LOCAL REGULATIONS AND CODES. ALL SAFETY EXPOSURES OR VIOLATIONS SHALL BE RECTIFIED IMMEDIATELY.
- 4.) THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING IMPROVEMENTS BOTH ON SITE AND ADJACENT TO THE WORK SITE AND SHALL REPAIR ANY DAMAGE TO THESE IMPROVEMENTS TO THE SATISFACTION OF THE OWNER.
- 5.) THE CONTRACTOR SHALL NOTIFY OWNER AND LANDSCAPE ARCHITECT 72 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.
- 6.) ANY ALTERNATES AND OR SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL. CHANGES TO THE SCOPE OF WORK AND / OR CONTRACT DOCUMENTS RESULTING FROM THE ACCEPTANCE OF THE CONTRACTOR'S ALTERNATES AND / OR SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 7.) THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF TRASH ON A DAILY BASIS.
- 8.) THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. PRIOR TO CONSTRUCTION, ALL PERMITS AND APPROVALS REQUIRED FOR CONSTRUCTION OF THE PROJECT SHALL BE PAID FOR AND OBTAINED BY THE CONTRACTOR
- 9.) COORDINATE WORK WITH SUBCONTRACTORS TO ACCOMPLISH THE SCOPE OF WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS AS WELL AS, COORDINATE CONSTRUCTION WITH OTHER CONTRACTORS WORKING ON THE SITE.
- 10.) THE CONTRACTOR SHALL COORDINATE THE STORING OF MATERIALS, PARKING OF VEHICLES, AND RESTRICTIONS OF WORK AND ACCESS WITH THE OWNER. UNDER NO CIRCUMSTANCES SHALL ANY CONTRACTOR STORE MATERIALS, PARK VEHICLES OR EQUIPMENT UNDER THE CANOPY OF EXISTING TREES.
- 11.) UNLESS SPECIFIED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND PAYING ALL TEMPORARY UTILITIES AND SERVICES NECESSARY TO COMPLETELY INSTALL ALL WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS.
- 12.) THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL OFF-SITE DISPOSAL OF SURPLUS MATERIAL AND DEBRIS.
- 13.) UPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL APPROVAL, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE PROJECT SITE OF ALL TRASH, REPAIR ALL DAMAGE TO FINISH GRADE, INCLUDING TAILINGS FROM EXCAVATIONS, WHEEL RUTS AND ANY SETTLING OR EROSION THAT HAS OCCURED PRIOR TO COMPLETION. ALL AREAS OF THE PROJECT SITE SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION SATISFACTORY TO THE OWNER PRIOR TO SUBMITTAL OF THE FINAL PAYMENT.

B&B	BALLED AND BURLAPPED
BLDG.	BUILDING
B.O.C.	BACK OF CURB
CAL.	CALIPER
CJ	CONTROL JOINT
CL	CENTERLINE
CLR	CLEAR
СТ	CLEAR TRUNK
CRZ	CRITCAL ROOT ZONE
EJ	EXPANSION JOINT
EQ	EQUAL
FFE	FINISHED FLOOR ELEVATION
FG	FIELD GROWN
F.O.B.	FACE OF BUILDING
GAL.	GALLON
GW	GREY WOOD
HT	HEIGHT
L.A.	LANDSCAPE ARCHITECT
L.O.C.	LIMIT OF CONSTRUCTION
MIN.	MINIMUM
MULTI	MULTI-TRUNK
N.I.C.	NOT IN CONTRACT
OA	OVERALL
O.C.	ON CENTER
O.C.E.W.	ON CENTER EACH WAY
PA (OR P.A.)	PLANTING AREA
QTY	QUANTITY
R.O.W.	RIGHT OF WAY
SIM.	SIMILAR DETAIL
SPRD.	SPREAD
TD	TOP OF DRAIN
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE

GENERAL LEGEND	
SYMBOL	DESCRIPTION
REF:	ENLARGEMENT AREA REFERENCE
MATCHLINE: XX-XXX	SHEET MATCHLINE
	LIMIT OF CONSTRUCTION
	PROPERTY LINE
HARDSCAPE	
XX S-50X	DETAIL REFERENCE
/ -₩	MATERIAL OR FINISH REFERENCE SYMBOL
X LS-50X	SECTION CUT REFERENCE
× XOS-S	ELEVATION OR AERIAL VIEW REFERENCE
PLANTING	
	PLANT LABEL
DIMENSIONING	
ALIGN	ALIGN ELEMENTS
Ę.	CENTERLINE



NOT FOR CONSTRUCTION
THESE PLANS ARE NOT FULLY PERMITTED

AND ARE SUBJECT TO REVISIONS MADE DURING THE PERMITTING PROCESS.
RESPONSIBILITY FOR THE USE OF THESE PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE

ISSUE DATE:	08/07/23
DESIGNED BY:	SL, MP
DRAWN BY:	SL, GM
CHECKED BY:	PW, MP, KS
BID CONTRACT:	

MICHAEL J. PHILLIPS, P.L.A. FLORIDA REG. NO. LA0001540 (FOR THE FIRM)

CLIENT



PROJECT

PINNACLE 441 890 N SR7

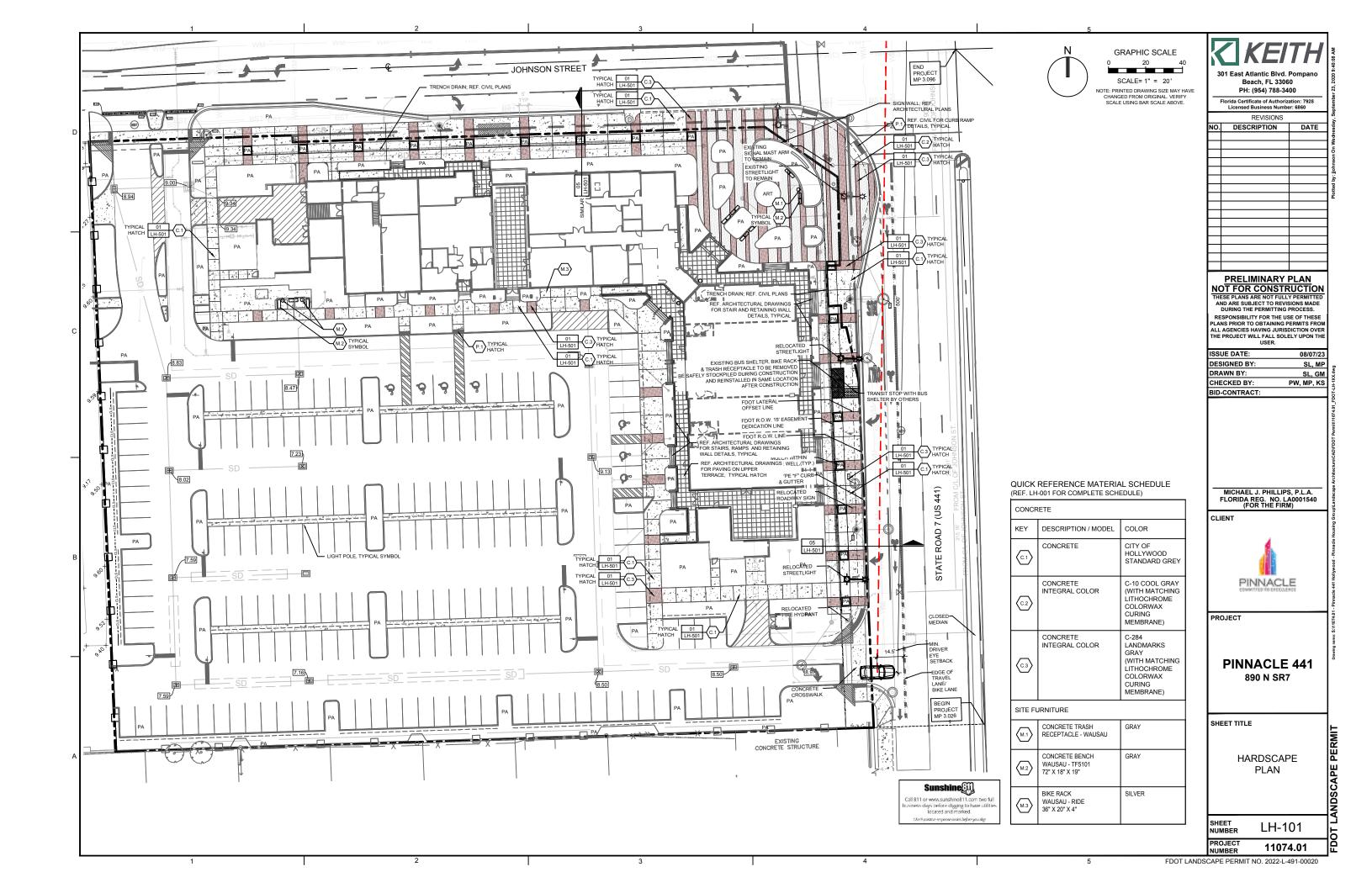
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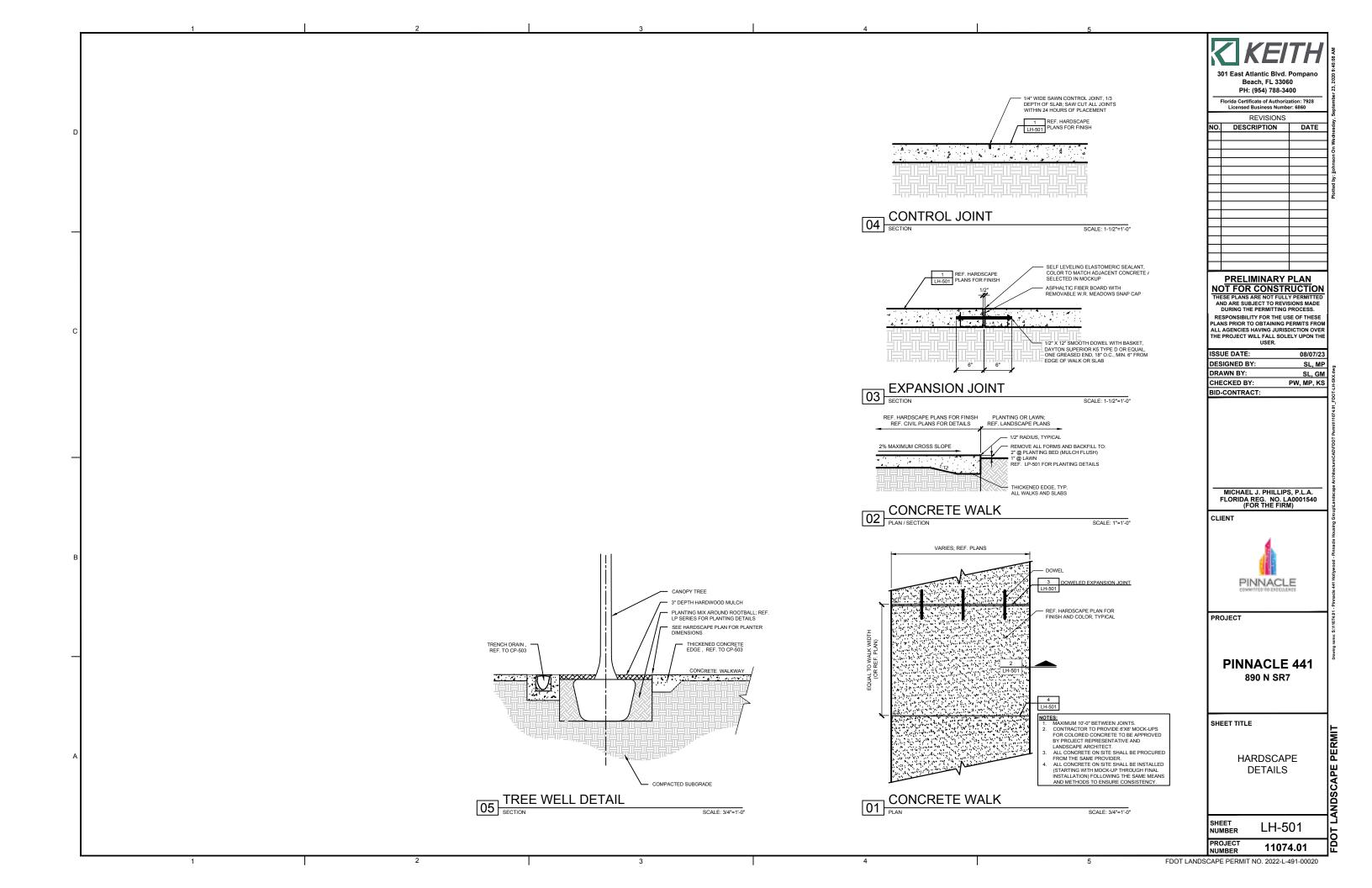
HARDSCAPE GENERAL NOTES, SCHEDULES & LEGENDS

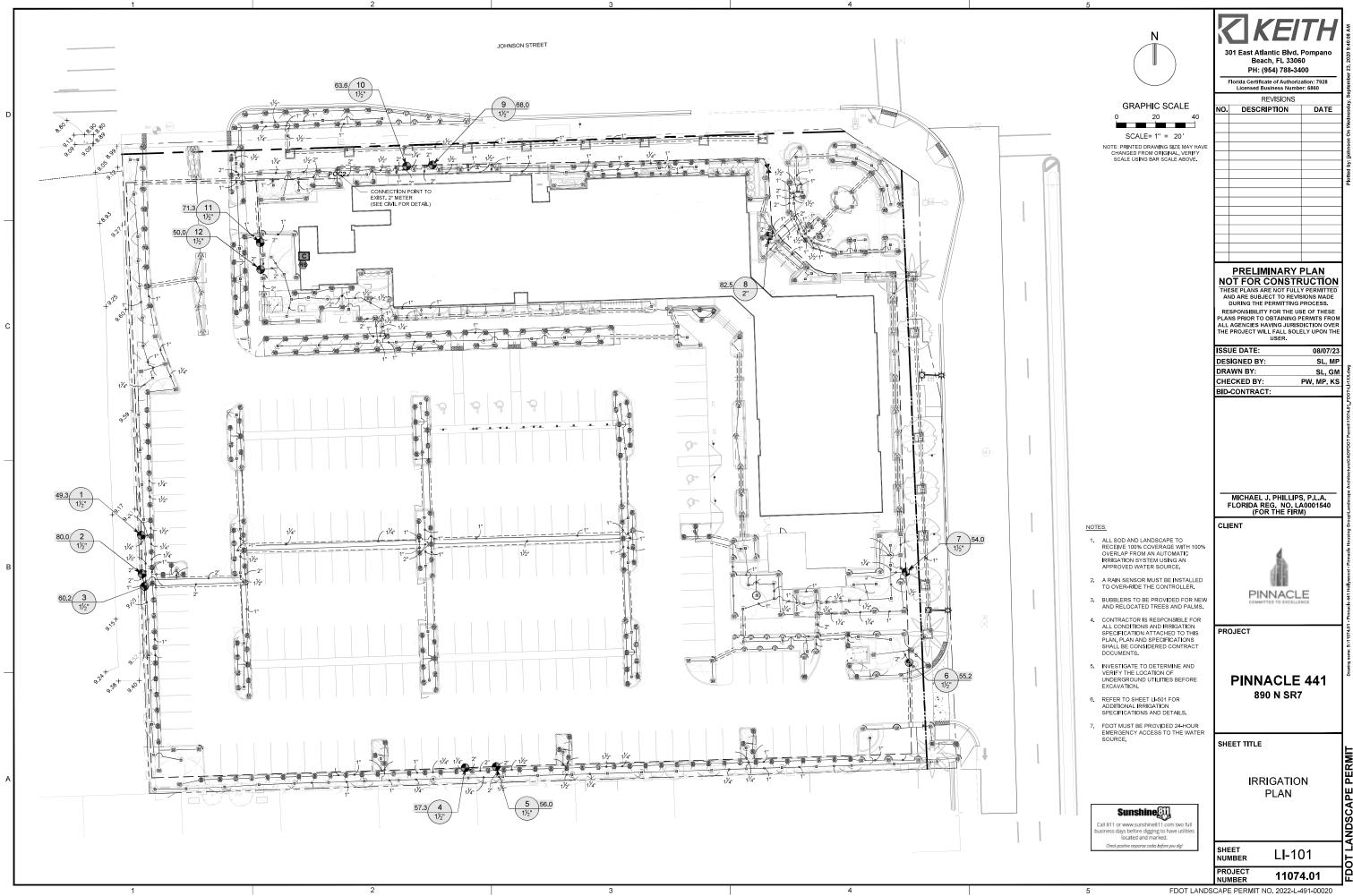
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PROJECT 11074.01

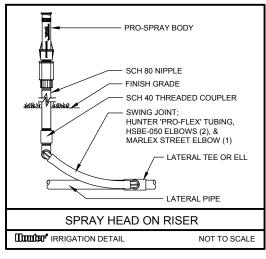
NUMBER 110/4.U1

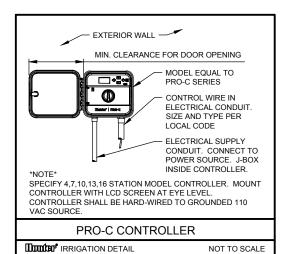
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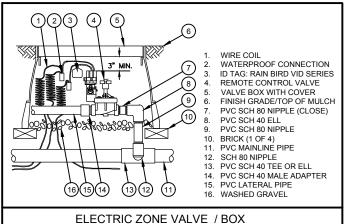




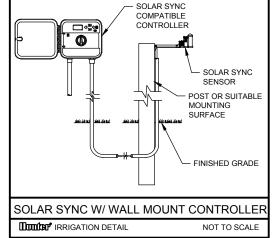


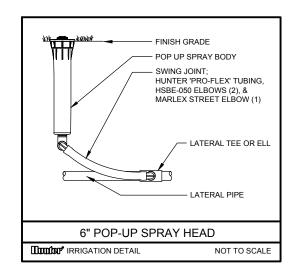


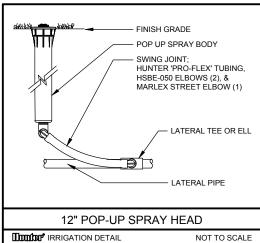




MODEL PCN BUBBLER - FINISH GRADE PRO FLEX SWING JOINT: HUNTER 'PRO-FLEX' TUBING 24" - 36", HSBE-050 ELBOWS (2), & MARLEX STREET ELBOW (1) LATERAL TEE OR ELL LATERAL PIPE PCN BUBBLER Thinger IRRIGATION DETAIL NOT TO SCALE







IRRIGATION NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL REQUIRED TO MAKE THE SYSTEM FUNCTION PROPERLY. ALL IRRIGATION SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND ALSO STATE AND/OR LOCAL CODES.
- PAVEMENT SHALL BE SLEEVED. LAYOUT OF IRRIGATION SYSTEM SHALL BE COORDINATED WITH CORRESPONDING LANDSCAPE PLAN.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL UNDERGROUND UTILITY PROVIDERS TO VERIFY LOCATIONS. THE CONTRACTOR IS ENCOURAGED TO VISIT THE SITE PRIOR TO INSTALLATION AND BECOME FAMILIAR WITH EXISTING CONDITIONS.
- VALVE LOCATIONS ARE SCHEMATIC ONLY AND WILL BE ADJUSTED FOR SITE CONDITIONS. EACH VALVE SHALL BE INSTALLED IN A AMETEK OR CARSON VALVE BOX. THE FLOW ADJUSTMENT FEATURE WILL BE USED TO BALANCE PRESSURE THROUGHOUT THE SYSTEM.
- PIPING SHALL BE SIZED TO MINIMIZE FRICTION LOSS AND MAINTAIN FLOW VELOCITY BELOW 5
- 6. THE IRRIGATION CONTROLLER SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND MANUFACTURER'S RECOMMENDATIONS. PROPER GROUNDING EQUIPMENT AND SURGE PROTECTION SHALL BE PROVIDED. A RAIN SENSOR SHALL BE INSTALLED TO OVER-RIDE THE CONTROLLER.
- 7. ALL HEADS ON RISERS SHALL BE SET AT THE HEIGHT OF ADJACENT PLANT MATERIAL.
- 8. SPRINKLER LOCATIONS ADJACENT TO PAVEMENT, STRUCTURES, FENCES, ETC. SHALL BE OFFSET AS FOLLOWS: 12" MIN FOR POP-UP MIST HEADS, 18" FOR SHRUB RISERS, 18" FOR ROTOR HEADS, AND TYPICALLY 5 FEET FOR ROTORS ALONG UNCURBED ROADWAYS.
- 9. ALL SLEEVING SHALL BE SCH 40 PVC TO SIZE INDICATED ON PLAN. OR IF NOT INDICATED. A MIN OF 2 PIPE SIZES LARGER THAN SUPPLY LINE CONTAINED. ALL SLEEVES SHALL BE INSTALLED A MIN. OF 24" BELOW FINISH GRADE.
- 10. CONTROL WIRES SHALL BE UL APPROVED PE IRRIGATION CONTROL WIRE. USE 14 GAGE CONTROL WIRE AND 12 GAGE GROUND WIRE. WIRE SHALL BE BUNDLED AND ATTACHED TO THE MAIN LINE IN TRENCH OR THROUGH WIRE SLEEVES AT PAVEMENT CROSSINGS 24" BELOW FIN. GRADE, ALL SPLICES SHALL BE MADE WITH WATERPROOF DIRECT-BURIAL SPLICE KITS AND CONTAINED IN VALVE BOXES. TWO EXTRA CONTROL WIRES SHALL BE INSTALLED TO THE FURTHEST VALVES IN EACH DIRECTION FROM THE CONTROLLER.
- 11. PIPING IN NARROW PLANTING AREAS, PARKING ISLANDS AND PLANTERS SHALL BE SET TO ONE SIDE TO ALLOW ROOM FOR ROOT BALLS. PIPE AS INDICATED ON PLAN IS SCHEMATIC AND SHOULD BE ADJUSTED FOR FIELD CONDITIONS.
- 12. ALL GLUE JOINTS SHALL BE CLEANED, SANDED, AND TREATED WITH A COLORED HIGH ETCH PRIMER AND JOINED USING A SOLVENT CONFORMING WITH ASTM D2564
- 13. SYSTEM PIPE SIZE 3/4" SHALL BE CLASS 200 PVC: SYSTEM PIPE SIZE 1" OR GREATER SHALL BE SYSTEM PIPE SIZE 34" SHALL BE CLASS 200 PVC; SYSTEM PIPE SIZE 1" OR GREATER SHALL BE CLASS 160 PVC. SYSTEM MAIN WILL BE SCH. 40 PVC TO SIZE INDICATED ON PLAN ALL FITTINGS WILL BE SOLVENT WELD SCH 40 PVC. MAIN LINE SHALL HAVE 24" MINIMUM COVER; ALL OTHER PIPING WILL HAVE 12" MIN. COVER. ALL BACKFILL FOR PIPE TRENCHES SHALL BE CLEAN AND FREE OF FOREIGN DEBRIS AND SHARP OBJECTS; BACKFILLED THENCHES SHALL BE PROPERLY COMPACTED. ALL MAIN LINES WILL BE INSTALLED A MIN. OF 3" FROM ANY TREE OR PALM.
- 14. WATERING TIME PER STATION WILL BE DETERMINED IN THE FIELD AND PER LOCAL REQUIREMENTS. REFER TO MANUFACTURER'S INSTRUCTIONS FOR PRECIPITATION RATES OF SPRINKLERS SPECIFIED.
- 15. IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE WITH 100% OVERLAP MIN. PROVIDE BUBBLERS FOR ALL NEW AND RELOCATED TREES AND PALMS.
- 16. RUST CONTROL SYSTEM TO BE INSTALLED WITH PUMP STATION (IF FROM WELL).
- 17. THE IRRIGATION SYSTEM IN THE RIGHT-OF-WAY IS TO INCORPORATE LOW TRAJECTORY SPRAY
- 18. AS-BUILT DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND GIVEN TO THE OWNER PRIOR TO FINAL ACCEPTANCE E SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION SATISFACTORY TO THE OWNER

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
@ @ <u>@</u> @ @ ES LCS #CS CS SS	HUNTER PROS-06 5' STRIP SPRAY SHRUB SPRAY, 6.0" POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	35	30
\$ \$ \$ \$ \$ \$ T H F	HUNTER PROS-06 8' RADIUS SHRUB SPRAY, 6.0" POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	13	30
SST	HUNTER PROS-06 9' SIDE STRIP SPRAY SHRUB SPRAY, 6.0" POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	2	30
ന്ന് എന്ന് എന്ന് വേന്ന്	HUNTER PROS-06 10' RADIUS SHRUB SPRAY, 6.0" POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	9	30
2 2 2 2 2 2 1 1 1 10 F	HUNTER PROS-06 12" RADIUS SHRUB SPRAY, 6.0" POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	6	30
® ® ® ® ® о т н п то г	HUNTER PROS-06 15" RADIUS SHRUB SPRAY, 6.0" POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	25	30
	HUNTER PROS-06 ADJUSTABLE ARC SHRUB SPRAY, 6.0" POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	376	30
25 50 10 20	HUNTER PCB 10 FLOOD BUBBLER, 1/2" FIPT.	181	30
SYMBOL	MANUFACTURER/MODEL	QTY	
•	HUNTER ICV-G	12	
×	LEEMCO DLMV-1111BB	1	
С	HUNTER IC-1800-PL	1	
€	HUNTER SOLAR-SYNC	1	
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21	8,405 L.F.	
	IRRIGATION MAINLINE: PVC SCHEDULE 40	1,412 L.F.	
=======	PIPE SLEEVE: PVC CLASS 200 SDR 21	1,177 L.F.	

	Valve Callout
	Valve Number
<u> </u>	Valve Flow
#•	Valve Size

IRRIGATION SCHEDULE

VALVE SCHEDULE				
NUMBER	MODEL	SIZE	TYPE	GPM
1	HUNTER ICV-G	1-1/2"	SHRUB SPRAY	49.25
2	HUNTER ICV-G	1-1/2"	BUBBLER	80.00
3	HUNTER ICV-G	1-1/2"	SHRUB SPRAY	60.16
4	HUNTER ICV-G	1-1/2"	SHRUB SPRAY	57.34
5	HUNTER ICV-G	1-1/2"	BUBBLER	56.00
6	HUNTER ICV-G	1-1/2"	SHRUB SPRAY	55.23
7	HUNTER ICV-G	1-1/2"	BUBBLER	54.00
8	HUNTER ICV-G	2"	SHRUB SPRAY	82.53
9	HUNTER ICV-G	1-1/2"	BUBBLER	68.00
10	HUNTER ICV-G	1-1/2"	SHRUB SPRAY	63.64
11	HUNTER ICV-G	1-1/2"	SHRUB SPRAY	71.27
12	HUNTER ICV-G	1-1/2"	BUBBLER	50.00

- FDOT IRRIGATION NOTES:

 1. THE IRRIGATION SYSTEM SHALL USE THE LOWEST QUALITY WATER AVAILABLE WHICH ADEQUATELY AND SAFELY MEETS THE WATER NEEDS OF THE SYSTEM. STORM WATER, RECLAIM WATER, OR GREY WATER IRRIGATION SHALL BE USED WHENEVER POSSIBLE.
- 2. FDOT REQUIRES 24-HOUR EMERGENCY ACCESS TO WATER SOURCE.
- 3. CONTRACTOR SHALL PROVIDE FDOT DISTRICT OPERATIONS MANAGER WITH A SET OF "AS-BUILT"

	1 East Atlantic Blvd. Beach, FL 3306 PH: (954) 788-34 lorida Certificate of Authoriz Licensed Business Numb	60 00 ation: 7928
	REVISIONS	
NO.	DESCRIPTION	DATE
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PRELIMINARY PLAN NOT FOR CONSTRUCTION

THE PROJECT WILL FALL SOLELY UPON TH

THESE PLANS ARE NOT FULLY PERMITTED AND ARE SUBJECT TO REVISIONS MADE DURING THE PERMITTING PROCESS. RESPONSIBILITY FOR THE USE OF THESE PLANS PRIOR TO OBTAINING PERMITS FROM

ISSUE DATE:	08/07/23
DESIGNED BY:	SL, MP
DRAWN BY:	SL, GM
CHECKED BY:	PW, MP, KS
BID-CONTRACT:	

MICHAEL J. PHILLIPS, P.L.A. FLORIDA REG. NO. LA0001540 (FOR THE FIRM)

CLIENT



PROJECT

PINNACLE 441 890 N SR7

SHEET TITLE

IRRIGATION SCHEDULE. NOTES & **DETAILS**

ANDSCAPE PERM

SHEET LI-501 NUMBER PROJEC:

11074.01 NUMBER FDOT LANDSCAPE PERMIT NO. 2022-L-491-00020

traverse the protection area, they shall be tunneled or bored under the tree.

10. Erosion control devices such as sit fencing, debris basins, and water diversion structures shall be installed to prevent silation and/or erosion within the tree protection zone.

11. Roots shall be cut manually by digging a trench and cutting exposed roots with a saw, vibrating knife, rock saw, narrow trencher with sharp blades, or other approved root pruning equipment.

TREE RELOCATION (These notes for relocation trees only and if applicable

These Industrial resolutions are only and in applications. The gall frees and palms to be transplanted with differentiating color than those to be saved or removed. Tree Relocation process must be performed or supervised by ISA Certified Arborist. What the root zones to field capacity for 5 continuous days before root pruning. At a minimum soak the soil to a 4'-0" depth within a 6' radius.

4.0° depth within a 6° radius.
Root prune a minimum of six weeks before relocation. Prune away all dead or damaged limbs or fronds. For trees, prune out 1/3 of the existing canopy by selectively trimming small internal branches. For palms, gather fronds above the bud and tie them loosely with jute twine to avoid damage.
Brace root pruned trees awaiting relocation.
Root prune ¹/₂ d of the root system, irrigate daily for 2 weeks then root prune another

†rd, irrigate daily and prune isst †rd on actual relocation date, no less than two weeks (six weeks total minimum root pruning by stages). ISA Arborist on staff shall observe for intense shock. Canopy pruning may be deemed necessary by Arborist on staff to balance for intense root ball loss, canopy shall be trimmed only as necessary to

Root prune with proper clean equipment to sever roots. Ensure roots are not torn or pulled apart With hand tools, dig a 2'-0" wide by 3'-0" deep trench at a minimum distance as determined by the consulting arborist to expose roots. Cut all roots 1.5" and larger in diameter with a clean, sharp pruning saw. Treat all cuts with a fungicidal barrier. Backfill the trench, within 4 hours of digging, with a 1:1 mixture of site soil and sawdust

with a fungicidal barrier. Backhill the trench, within 4 hours of digging, with a 1:1 mixture of site soil and sawdust or other fine organic material. Do not compact. Form a rootball size in compliance with Florida grades and Florida standards number 1 or better. Maintain the soil moisture at field capacity throughout the six weeks. Allow the plant to regenerate roots over a period of six weeks. All with plant to regenerate roots over a period of six weeks. At the end of six weeks, person the planting plat at the new location. Overdig the hole diameter a minimum of 2' beyond the root ball, with the recipient hole to be at least 1/3 larger than the area that was trenched for

transplanting.

12. With the consulting arborist present, undercut the entire root ball of the plants to be transplanted at a depth specified by the arborist. The undercutting method may be a choker cable drawn through the root ball with At the direction of a professional rigger, assemble slings, padding, guiding ropes and cables for attachment to the crane or backhoe. The professional rigger shall determine the size of machinery necessary to execute the

Install trees within 24 hours of removal from their original location to locations provided by Landscape Architect

or Developer with approval of municipal / Landscape Inspector.

15. Recipient site to be within 4* of finished grade. Tree pit excavation to mathch the size of root ball. Top of root

Recipient site to be within 4" of finished grade. Tree pit excavation to mathch the size of root ball. Top of root ball to match the finished grade and a size of the finished grade and size of the finished grade and size of the same species, size, and quality or per mitigation reguirements specific to the governing authority with jurisdiction.

Fertilize the plant as directed by the consulting arborist.

When the plant is placed in the new location, backfill the planting pit with topsoil and water thoroughly to eliminate air pockets and compact the soil. Set the tree no deeper than its original condition.

Cover the root ball area with 5" depth of organic much.

Provide fungicide and fertility applications at the direction of the consulting arborist.

To star passpant watering to provide moisture and reduce any excessive stress due to root desiccation. Watering to be adjusted according to conditions and at the supervision and direction of the ISA certified arborist.

The diameter of the root-puning or transplanting circle shall be at a distance away from the trunk equal to 12 times each inch of trunk diameter at breast height.

23. For all palms except Sabal palmetto, the lower fronds shall be pruned leaving 9-11 fronds that can be tied without an extensive amount of weight that may damage the heart of the palm. The Sabal palmetto shall have all ronds cut without damaging the bud. Digging and preparation of the new hole for the transplant shall be done prior to removing the tree from the

existing location.

The landscape Contractor is to verify that all new holes have appropriate percolation.

Over the guarantee period the Landscape contractor shall be responsible for resetting any trees or palms that are not in a vertical position.

After transplanting trees and palms, the landscape contractor shall be responsible for obtaining water and watering to maintain soil moisture during the guarantee period at a minimum of. First month- daily. Second month - three times per week, Third and Fourth months - two times per week, Last eight months - one time per

SITE PREPARATION & GRADING

Landscape contractor shall loosen and till compacted soils that are overly compacted in all planting areas of the project to provide for proper soil aeration for plant establishment

project to provide for proper soil aeration for plant establishment.

Planted areas shall be cleared of underground rocks, construction debris and other materials detrimental to the health of the plants. Lime rock base material shall be removed within planting pits and adjacent to pavement. The planting areas should be clean to a depth equal to the roct ball of the trees/palms proposed for the area. Planting area soils shall be tested for ph before planting. Soils showing high (alkaline) ph (over 7.5) shall be amended or replaced with native soil having a ph range of 6.5 -7.5, as approved by Landscape Architect.

All planting areas and planting pits shall be tested for sufficient percolation prior to final planting and irrigation installation to ensure proper drainage. Plant beds in parking lots and in areas compacted by heavy equipment shall be de-compacted so that drainage is not impeded.

Landscape Contractor shall treat plant areas with pre-emergence herbicide after weeds and grass have been removed. Landscape Contractor shall wait (7) seven days after pre-emergence treatment prior to planting. Site preparation shall include the eradication and removal of any weeds, clean-up of any dead material, debris, and rubbish.

 General site and berm grading to +/- 1 inch (1") shall be provided by the general contractor. All finished site grading shall be provided by the Landscape Contractor. All planting beds shall be free of all rocks 1/2" or larger, sticks, and objectionable material including weeds and weed seeds. All lime rock shall be removed/cleaned down

to the native soils.

The Landscape contractor shall ensure the planting areas are at finish grade prior to installing plant materials. All trees and plant material to remain shall be protected during construction. Contractor shall install protective barriers such as "Tenax" orange safety fencing or similar, to be installed before the beginning of the project. Barriers shall be located to include the drip line of the trees, palms and plant material. The contractor shall take extra caution to prevent any damage to the trunk, root zones and grade.

Final grade within planting areas to be 4" below adjacent paved areas or top of curb. Sod areas to be 2" below. All planting beds shall be shaped and sloped to provide proper drainage away from building and structures and to swales, if applicable.

 Any Irrigation Notes and specifications included in Irrigation Sheets govern over the following Irrigation Notes.
 The Landscape Contractor shall coordinate with the irrigation contractor if not the same and leave provisions for all individual trees in turf areas and all planting beds.

Irrigation / Landscape contractor to guarantee 100% coverage and 50% overlap (head to head coverage) to all

landscaped areas and furnish and install a rain sensor.

Irrigation Contractor to adapt design to onsite conditions adjusting heads and changing nozzles as required to

Irrigation Contractor to adapt design to onsite conditions adjusting heads and changing nozzles as required to avoid overspray onto buildings or paved areas.
 The contractor shall ensure that the irrigation system is operational and free of leaks prior to any planting being finalized. Plant material that is installed prior to the irrigation system being operational shall be watered by the contractor at his or her expense. Water for plant establishment should be included in the cost of the plant.
 All guidelines as outlined by the South Florida Water Management District (SFWMD) or water management district with jurisdiction shall be strictly adhered to.
 Irrigation water whether pumped from a lake or a well shall be treated for algae, rust, etc. to provide clean treated irrigation water that will not dog or stain property or components.
 Any existing irrigation system shall be retrofitted to comply with the specifications as outlined above.

HARDSCAPE & OTHER MATERIALS

Face of trees and palms to be located a minimum of 2' setback from all fences, walkways, walls, and paved surfaces, unless otherwise indicated on the plans. Refer to details. UTILITIES / CLEARANCES

The contractor shall be responsible for determining the location of and avoid and protect utility lines, buried cables, and other utilities. The owner or Landscape Architect shall not be responsible for damage to utility or

rrigation lines.

Trees shall be placed a minimum of 5 ft. from underground utilities, unless otherwise approved in writing by codecase Architect and Owner.

All canopy trees to be planted min. of 15' from light source/poles. Unless otherwise approved by the governing authority / Landscape Architect and Owner. Landscape contractor shall contact the county, governing authority and/or utility companies to locate all

underground utilities or structures prior to digiging. Landscape contractor shall repair all damage to underground utilities, and/or construction caused by utility damage, at no cost to the owner. All plant material symbols shown on landscape plan shall be considered diagrammatic and should be adjusted in

e field by contractor to avoid all utilities, and all other obstructions. the field by contractor to avoid all utilities, and all other obstructions.

If When digging in right of way needed: Two (2) full business days before digging, call toll free 1-800-432-4770, or 811, Sunshine State One Call of Florida, inc. Notification Center. In addition, call the Governing Agency's Utilities/Public Works Department. Contractors are responsible for coordinating with the owners and appropriate public agencies to assist in locating and verifying all underground utilities prior to excavation. All existing utilities shown on the plans are to be considered approximate and should be verified by the contractor prior to the star

snown on the pains are to be considered approximate and should be verified by the contractor prior to the start of work operations.

Above and below ground utilities shall be verified and located in the field by the contractor prior to commencing work in the project area. The contractor shall examine available utility plans and confirm conflicts between indicated or located utilities and ilanostosape work. The contractor shall then notify the Project Engineer of said conflicts and the Engineer will coordinate any necessary adjustments with the utility provider. There locations will be adjusted as necessary when in conflict with existing utilities. The final plant locations may be adjusted, as approved / directed by the Landscape Architect in writing, to accommodate utilities compliance. Excavations within 5 of known utilities should be done by hand. Contractor shall familiatize himself with the location of and avoid and protect utility lines, buried cables, and all

other utilities, noted or not, on plans.

other utilities, noted or not, on plans. Leave clearance and access to all above ground or at grade meters and equipment. Landscape planting shall be in conformance with FPL guidelines for setbacks from overhead utility lines. Landscaping shall not interfere with light poles, fire hydrants, electrical/imechanical equipment access, signs, drainage structures, etc. Bring to the attention of Landscape Architect any conflicts.

ROOT BARRIERS
ROOT barriers will be installed to protect building foundations, curbing, walkways, paved areas, roadway base material and utilities from existing large trees or proposed new trees that are within 5' of existing or new approved construction or as may be deterned necessary as job progresses.

Mechanical Root barriers will be used for large existing Canopy Trees and chemical type barriers will be used for

Root barrier depths will be determined by the manufacturer recommended depth chart and as required by on-site conditions in a case by case basis as deemed necessary by Landscape Architect Architect / ISA Arborist

Mechanical Root barriers will be "DeepRoot" and Chemical Root barriers will be "Biobarrier". Substitutions must be of approved equal or better quality.

Root barriers will be installed per manufacturer specifications.

LANDSCAPE BACKFILL & SOIL AMENDMENT

All building construction material and foreign material shall be removed from the planting areas and replaced with 70/30 mix (70% sand / 30% organic compost) or amend existing soils per section H.2.

Planting soil must shall be delivered to the site in a clean loose and friable condition and is required around the root ball of all trees and shrubs, the top 6° of all shrubs and ground cover beds and top 2° of all grassed areas. This soil shall be tilled into the existing soil after the existing soil after the existing soil after the existing soil after she shall be tilled into the vesting soil after the existing soil after she shall be well of all undestrable foreign materials. Recycled compost is encouraged as a soil amendment alternative. Planting soil to be weed free. Planting backfill for palms shall be clean coarse native sand unless specified elsewhere.

Do not allow air pockets to form when backfilling. All trees shall be watered-in utilizing water probe or a tree bar.

PLANT SIZE & QUALITY

PLANT SIZE & QUALITY

All plant material must meet or exceed the minimum size requirements as specified on the plant list. Height specification governs over container size if both specifications given cannot be met. Any other requirements for specific shape or effect as noted on the plan shall also be required for acceptance.

Material specified as Balled and Burlapped (B&B) can be accepted in container if not available as B&B at the discretion of Landscape Architect if so, noot bound and/or circling roots shall be removed and root ball must be proportionate to Tree / Palm.

proportionate to Tree / Palm.

U.O.N, All trees designated as single trunk shall have a single, relatively straight, dominant leader, proper structural branching and even branch distribution. Trunks on palms shall be uniform in thickness for the ent length of the palm and shall not taper off to disproportionate thinness towards the crown. Trees with bark inclusion, tipped branches, and co-dominant trunks will not be accepted. Trees with griding, circling and/or plunging roots will be rejected.

Use nursery grown plant materials that complies with all required inspection, grading standards, and plant regulations in accordance with the latest edition of Florida Department of Agriculture, "Grade & Standards in Nursery Plants".

All trees and palms shall be free of open wounds and unsightly visible scars ions must be approved by the governing authority if it is required Canopy and by Landscape Architect

/ Owner if supplementary accent material.

Contractor shall comply with Federal, State, and Local laws and regulations pertaining to the inspection for plant

disease and insect infe

Trees, palms, shrubs, ground covers:
Plant species and sizes shall conform to those indicated on the drawings. All nursery stock shall be in accordance with grades and standards for nursery plants parts 1 and 2, latest edition published by the Florida accordance with grades and standards for nursery plants parts 1 and 2, latest edition published by the Florida Department of Agriculture and Consumer Services, unless specified otherwise. All plants shall be Florida grade number 1 or better as determined by the Florida Division of Plant Industry and lightly kint plant, so trained or favored in its development that first appearance is unquestionable and it is outstandingly superior in form, number of branches, compactness and symmetry. All plants shall be freshly dug, sound, healthy, vigorous, well branched and free of disease and insect eggs and larvae and shall have adequate root systems. Trees and paims shall be uniform in size and shape. All materials shall be subject to approval by the Landscape architect. Plants shall be prunder prior to delivery only upon the approval of the Landscape Architect. All container grown material shall be healthy, vigorous, well-rooted plants and established in the container in which they are sold. The plants shall have tops of good quality and be in a healthy growing condition. An established container grown plant shall be transplanted into a container and grown in that container sufficiently long enough for the new fibrous roots to have developed so that the root mass will retain its shape and hold together when removed from the container.

gether when removed from the container

Field grown trees and palms previously root pruned shall obtain a root ball with sufficient roots for continued

Field grown trees and palms previously root pruned shall obtain a root ball with sufficient roots for continued grown without resulting shock.
Root suckers on any tree are not acceptable and must be properly pruned.
Contractor shall coordinate with Landscape Architect and Owner to obtain prior approval for the selection of the specific specimens of all palms and any trees of more than six feet in height. Contractor to supply photograph of trees prior to purchase and installation.

PLANTING NOTES

on of the Landscape Architect, plants are subject to review for approval for size, variety, condition

At the discretion of the Landscape Architect, plants are subject to review for approval for size, yarrely, condition and appropriateness to the design intent.

All synthetic burlap, synthetic string or cords, or wire baskets shall be removed before any trees are planted. All synthetic tape (i.e. tagging tape, nursery tape) shall be removed from trunks, branches, etc. before inspection. The top 1/3 of any natural burlap shall be removed or tucked into the planting hole before the trees are back

All "groundcover" requires 75% coverage and 100% within 3 months of installation. Bring to the attention of

Landscape Architect in writing before commencing if this is not achievable with the design.

Set tree no deeper than it was in its original growing condition with the top of the root ball even with, or slightly higher (+/- 1") than the finished grade

higher (*/- 1") than the finished grade.

All treesplains shall be planted so the top of the root ball, root flair are slightly above final grade. Shrub material shall be planted so the top of the plant ball is flush with the surrounding grade.

All trees and pains shall be braced / staked per accepted standards by the Florida Mursery, Growers & Landscape Association (FNGLA). Nalling into trees and palms for any reason is prohibited and the material will be rejected. Please refer to the planting details.

All trees, new or relocated, to be staked and guyed as detailed. Layout shrubs to create a continuous smooth front line and fill in behind with triangular spacing. Excavate pit or trench to 1-1/2 times the diameter of the balls or containers or 1" wider than the spread of roots and 3" deeper than required for positioning at proper height. Compact a layer of topsol in hottom before placing plants. Backfill around plants with planting mixture, compacted to eliminate voids and air pockets. Form grade slightly dished and bermed a tedges of excavation. Apply 3" of mulch.

Groundcover and shrubs to be spaced in a uniform and consistent pattern per planting details.

All mechanical equipment, irrigation pumps, FPL transformers, pool pumps, etc. shall be screened on a minimum of three sides by landscape shrubs.

of three sides by landscape shrubs.

Contractor shall not mark or scar trunks in any fashion.

When requested by Landscape Architect, demonstration of healthy root system if not previously approved, can include tree removal and re-installation for inspection at no additional cost to the owner.

Remove rejected Plant material from the Site immediately and replace with acceptable plants.

FERTILIZATION All control shall comply with state fertilization laws. Fertilization shall be Agriform "20-10-5 Plus minors" or similar approved slow-release tablets applied per manufacturer suggested application rate chart.

Agriform® 21-gm Tablets (SKLI# 90026*: 500 tablets/case)

NEW Tree / Shrub Container Size
1 Gal 2 Gal 3 Gal 5 Gal 7 Gal 15 Gal 24* Box
Installation: 1 1 to 2 2 to 3 2 to 3 3 to 5 7 to 10 15 to 24

· Place plant in the hole and backfill to halfway point. · Do not place tablets in the bottom of the planting hole

 Place Agriform Tablets in the hole about 1to 2 inches away from root tips. Finish filling the hole around the plant to grade level. SCOTTS: 1-800-492-8255 or visit www.scottspro.com

SOD
All areas disturbed during construction shall be sodded with St. Augustine 'Seville' unless otherwise noted.
These disturbed areas shall have proper irrigation established or re-established if they were disrupted or non-functional.
Landscape Contractor to supply and install 2" soil layer 50/50 mix blanket for all new sod areas.

Landscape Contractor to supply and install 2" soil layer 50/50 mix blanket for all new sod areas.

All open areas not covered by trees, palms, shrubs, vines, ground covers or existing sod in good condition to remain, shall receive Stenotaphrum Secundatum, St. Augustine 'Seville' sod, whether labeled on the plans or not, unless a different species is indicated on the planting plant. Sod shall be strongly rooted, free from weed, fungus, insects and disease. Contractor shall be paid by the total sodded area x the unit price submitted (field verified).

Sod shall be machine stripped no more than 24 hours prior to laying.

4. Lay sod strips with tight joints, do not overlap, stagger strips to offset joints in adjacent courses. Work sifted soil mix into minor cracks between pieces of sod and remove excess soil deposits from sodded areas. Sod on slopes greater than 31: shall be immediately staked after planning.

SURMITTALS

SUBMITTIALS
Submit 1 gallon container of all planting media for landscape architect review. Samples to include specified planting mix, topsoil, container planting mix (if applicable) and mulch.
Submit representative nursery photos of all Trese and Palms for review prior to delivery to the site. Include scale

for height.

3. Submit representative nursery photos of all shrub and groundcover material for review prior to delivery to the site.

INSPECTION & ACCEPTANCE

INSPECTION & ACCEPTANCE

Notify the governing Agency if required and Landscape Architect of commencement.

Onsite plant deliveries shall occur on Monday through Friday only unless otherwise directed by the Landscape
Architect / Owner. The contractor shall ensure that plant material is delivered undamaged from transportation or
digging operations. The Landscape Architect may reject material that has been damaged or nedered
unacceptable due to relocation or transportation from the point of origin. All plant material shall be available for
inspection and approval by the Landscape Architect prior to final installation.

There shall be one final inspection for approval by each of the presiding governing agency, Landscape Architect
and owner. Contractor shall ensure that the plans, details, specifications and notes have been adhered to and
that the landscape and irrigation installation is compliant to all items as directed on the plans prior to scheduling
of the final inspection.

Upon completion of the work, the Landscape Contractor shall notify the Landscape Architect and request a final spection. Any items that are judged incomplete or unacceptable by the Landscape Architect or owner shall be wromptly corrected by the Landscape Contractor. No substitution of plant material, type or sizes will be permitted without prior written authorization from the

Landscape Architect and owner.

To obtain final payment, Contractor must provide release of all mechanic's liens and material liens

MULCH
All planting beds shall be mulched to a depth of 3* with an organic mulch approved by Landscape Architect. No
heavy metals, such as arsenic, etc. are to be contained in the mulch. The contractor shall provide certification if
requested or proof that all mulch is free of heavy metals or similar environmental contaminants.

Shredded approved organic mulch to be used beyond trunk in all directions and throughout all hedges and plant

material.

All trees in sodded areas shall have a clean cut 4' diameter mulch ring.

Preferred mulch is shredded melaleuca. Cypress, red, gold and green mulch is prohibited.

All mulch shall have a minimum 3" separation from the trunk of the tree/palm trunk to avoid rotting.

WATERING

All plant material shall be watered in thoroughly at the time of planting.

It is the sole responsibility of the Landscape Contractor to ensure that all new plantings receive adequate water during the installation and until completion of contract. Deep watering of all new trees and palms and any supplemental watering that may be required to augment natural rainfall and site irrigation is mandatory to ensure proper plant establishment and development and shall be provided by Contractor as a part of this contract.

The Landscape Contractor is responsible for maintaining all landscape planting areas until final acceptance of

the owner.

The contractor is responsible for mowing the entire project during planting and establishment periods, based on mowing project once a month from October to April, and twice a month from April to October (During installation and plant establishment only and until final inspection and owner accepts and takes ownership).

Any excess soil, undesired stones or debris resulting from landscape operations shall be removed promptly,

The Landscape Contractor shall at all times keep the premises free from accumulation of waste material or debris caused by their crews during the performance of the work. Upon completion of the work, the contractor shall promptly remove all waste materials, debris, unused plant material, empty plant containers, and all equipment from the project site

MAINTENANCE
Landscape Contractor to return to job site 12 months after tree bracing and remove all tree braces. Owner may choose to retain 5% of payment to ensure compliance.

The Landscape Contractor shall water, mulch, weed, prune, and otherwise maintain all plants, including sod, until completion of contract or acceptance by landscape architect. Settled plants shall be reset to proper grade, planting saucess restored, and defective work corrected.

Trees and shrubs shall be maintained to keep clearance of stop signs and safety clearance for visibility at traffic

GUARANTEE & REPLACEMENT

Source the Contract, the Contractor is thereby guaranteeing all plant materials and design for a period of not less than one (1) year from the time of final acceptance by the owner. Contractor shall replace any plants which die or whither within such period with healthy plants that meet specifications of the same species and size without additional cost to the owner unless such death or withering is due to Owner's failure to do ordinary without additional cost to the owner unless such death or withering is due to Owner's failure to do ordinary maintenance on such plants after final acceptance in accordance with any maintenance instructions given by Landscape Architect for such plants. Such replacement shall include all plants and labor to plant the replacement plants. Any plant materials damaged by lyinhing, storms, freeze damage or other "acts of Cod" as well plants damaged by vehicles, vandalism or neglect are not included in this replacement agreement. If requested, the Landscape Architect may act as a mediator between owner and Landscape Contractor on a time material basis "Plants' includes all trees, palms, shrubs, grass and other plants provided or planted by Contractor.

MISCELL ANEOUS

All work to be done in a professional manner.

All work to be done in a professional manner.

No change order shall be valid, due or paid unless it is approved by Owner in writing in advance.

These notes shall be an integral part of the contract of Contractor and shall be deemed incorpor. ence. In the event of a conflict among the terms among the plans and these notes, the terms of this

ABBREVIATIONS IN NOTES AND PLANS

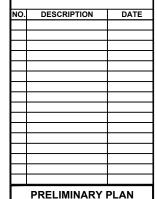
UNO = Unless Otherwise Noted

UNO = Unless Otherwise Noted
LA = Landscape Architect
S.F. = Square Feet
STD = Standard (single trunk)
B&B = Balled and Burlapped
BLDG DEP = Building Departm
RFI = Request for Information
FPL= Florida Power & Light
C.O. = Certificate of Occupancy

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ISA CA or ISA Arborist = International Society of Arboriculture Certified Arborist

301 East Atlantic Blvd. Pompano Beach, FI 33060 PH: (954) 788-3400

Florida Certificate of Authorization: 7928



NOT FOR CONSTRUCTION HESE PLANS ARE NOT FULLY PERMITTE AND ARE SUBJECT TO REVISIONS MADE

DURING THE PERMITTING PROCESS. RESPONSIBILITY FOR THE USE OF THESE LANS PRIOR TO OBTAINING PERMITS FROM HE PROJECT WILL FALL SOLELY UPON TH

ISSUE DATE:	08/07/23
DESIGNED BY:	SL, MP
DRAWN BY:	SL, GM
CHECKED BY:	PW, MP, KS
BID-CONTRACT:	

MICHAEL J. PHILLIPS, P.L.A. FLORIDA REG. NO. LA0001540 (FOR THE FIRM)

CLIENT



PROJECT

PINNACLE 441 890 N SR7

SHEET TITLE

LANDSCAPE **NOTES**

SHEET LP-001 NUMBER PROJEC

NIMBER

8. If plans call for relocation of trees, palms or plants. High level of care should be exercised to assure that they are

not damaged in the process and that they are promptly replanted upon being dug up.

9. All underground utilities and drain or irrigation lines shall be routed outside the tree protection zone. If lines must

FDOT LANDSCAPE PERMIT NO. 2022-L-491-00020

11074.01

ANDSCAPE

- FDOT GENERAL NOTES:

 1. REFERENCE THE CURRENT VERSION OF THE FDOT SPECIFICATIONS AND DESIGN STANDARD INDEXES AS FOLLOWS: GOVERNING STANDARD PLANS: FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2022-23 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND

 - APPLICABLE INTERIM REVISIONS (IRS) ARE AVAILABLE AT THE FOLLOWING WEBSITE: https://www.fot.gov/design/standardolans GOVERNING STANDARD SPECIFICATIONS:
 FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2022 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE INTERIM REVISIONS (IRS) ARE AVAILABLE AT THE FOLLOWING WEBSITE:
- 2. CONTRACTOR SHALL REPAIR ALL DAMAGE DONE TO FDOT PROPERTY DURING DEMOLITION. RELOCATION &/OR INSTALLATION ACTIVITIES AT HIS SOLE EXPENSE
- 3. ANY PLANT MATERIAL SUBSTITUTION WITHIN OR IMPACTING THE FDOT RIGHT OF WAY WHETHER REQUESTED BY THE CONTRACTOR, OWNER, LANDSCAPE ARCHITECT OR OTHER WILL NEED TO GET APPROVAL FROM THE FDOT DISTRICT OPERATIONS MANAGER.
- 4. PATTERNED PAVEMENT INSTALLATION SHALL COMPLY WITH CURRENT FDOT STANDARD SPECIFICATION 523. ONLINE REFERENCE: http://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/ specbooks/january-2020/1-20-ebook.pdf?sfvrsn=e3eca19a 2
- 5. OWNERSHIP OF ALL SUITABLE EXCAVATED MATERIALS. AS DETERMINED BY THE DEPARTMENT, SHALL REMAIN IN THE DEPARTMENT UNTIL A FINAL ACCEPTANCE OF THE PERMITTED PROJECT IS FULLED. EXCAVATED MATERIALS SHALL BE HAULED BY THE PERMITTED PROJECT IS FULLED. EXCAVATED MATERIALS SHALL BE HAULED BY THE PERMITTED, AT THEIR COST & EXPENSE FROM THE SITE TO THE BROWARD OPERATIONS CENTER OR STOCKPILED IN THOSE AREAS AS DIRECTED BY THE DEPARTMENT, INCLUDING ASPHALT MILLINGS.
- ALL WORK IN FDOT RIGHT OF WAY OR EASEMENT TO USE FDOT STANDARD 102-601 AND 102-602 FOR MAINTENANCE OF TRAFFIC AND 580-001 FOR LANDSCAPE INSTALLATION.

- FDOT PLANTING NOTES:

 1. FOR THE PORTION OF LANDSCAPE PLANT MATERIAL THAT WILL BE INSTALLED WITHIN THE FDOT RIGHT OF WAY, LANDSCAPE INSTALLATION SHALL COMPLY WITH CURRENT APPLICABLE FDOT MAINTENANCE SPECIFICATION 580. ONLINE REFERENCE: https://www.fdot.gov/programmanagement/maintenance/2021jan/maintenance-specifications---january-2021
- 2. FOR THE PORTION OF LANDSCAPE PLANT MATERIAL THAT WILL BE INSTALLED WITHIN THE FDOT RIGHT OF WAY REFER TO THE FDOT STANDARD PLANS INDEX 580-001 LANDSCAPE INSTALLATION. ONLINE REFERENCE:
- 3. CYPRESS MULCH IS NOT PERMITTED ON FDOT RIGHT OF WAY. MULCH PERMITTED TO BE USED ARE HARDWOOD MULCH (CONTAINING NO CYPRESS PRODUCTS), RECYCLED MULCH OR APPROVED EQUAL, CERTIFIED BY THE MULCH AND SOIL COUNCIL (MSC). SUBMIT PROOF OF CERTIFICATION TO THE FDOT DISTRICT OPERATIONS PERMIT LANDSCAPE INSPECTOR UPON INSPECTION.
- 4. SODDED AREAS WILL BE IN ACCORDANCE WITH STANDARD PLANS INDEX 570-010 AND STANDARD SPECIFICATIONS SECTION 162, 570, 981, 982, 983, 987 OF THE DEPARTMENT'S LATEST EDITION OF GOVERNING DESIGN STANDARDS AND STANDARD SPECIFICATIONS. ALL DISTURBED AREAS WILL BE SODDED WITHIN ONE(1) WEEK OF INSTALLATION OF SAID PERMITTED WORK

- FDOT IRRIGATION NOTES:

 1. THE IRRIGATION SYSTEM SHALL USE THE LOWEST QUALITY WATER AVAILABLE WHICH ADEQUATELY AND SAFELY MEETS THE WATER NEEDS OF THE SYSTEM. STORM WATER, RECLAIM WATER, OR GREY WATER IRRIGATION SHALL BE USED WHENEVER
- 2. FDOT REQUIRES 24-HOUR EMERGENCY ACCESS TO WATER SOURCE.
- 3. CONTRACTOR SHALL PROVIDE FDOT DISTRICT OPERATIONS MANAGER WITH A SET OF "AS-BUILT" IRRIGATION PLANS

- DESIGN SPEED: SR-7 (US 441) DESIGN SPEED = 45 MPH
- VERTICAL CLEARANCE: MIN. PLANTING VERTICAL CLEARANCE PER FDOT MAINTENANCE RATING PROGRAM: SIDEWALK = 8.5' VERTICAL CLEARANCE ROADWAY = 14.5' VERTICAL CLEARANCE

	TREE MITIGATION TABLE	
3	Total Palms to be removed	
307	Total DPU to be removed	

- SOD TO BE ST. AUGUSTINE 'FLORATAM', EXCEPT IN RETENTION AREAS. 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 100% OVERLAP FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.
- 4. BUBBLERS TO BE PROVIDED FOR NEW AND RELOCATED TREES AND
- 5. CONTRACTOR IS RESPONSIBLE FOR ALL CONDITIONS AND LANDSCAPE SPECIFICATION ATTACHED TO THIS PLAN AND PLANT LIST. PLAN AND SPECIFICATIONS SHALL BE CONSIDERED CONTRACT
- 6. PRE-CONSTRUCTION MEETING WITH URBAN FORESTRY IS REQUIRED BEFORE ANY PLANT MATERIAL IS INSTALLED ON SITE.
- ALL ROAD ROCK, CONCRETE, ASPHALT AND OTHER NON-NATURAL MATERIAL BE REMOVED AND BE REPLACED WITH PLANTING SOIL PRIOR TO LANDSCAPE INSTALLATION.
- 8. ALL TREE WORK WILL REQUIRE PERMITTING BY A REGISTERED BROWARD COUNTY TREE TRIMMER.
- 9. NO TRENCHING ALLOWED WITHIN ROOT ZONES OF EXISTING TREES.
- 10. INVESTIGATE TO DETERMINE AND VERIFY THE LOCATION OF UNDERGROUND UTILITIES BEFORE EXCAVATION FOR LANDSCAPE OR OTHER UNDERGROUND WORK
- 11. STREET TREES SHALL NOT BE PLACED ON TOP OF OR 5' OR EITHER SIDE OF ANY CITY OWNED UTILITY INFRASTRUCTUR
- 12. NO TREES, SHRUBBERY OR OBSTRUCTION SHALL BE PLACED WITHIN 3' RADIUS OF CITY OWNED SEWER LATERAL CLEANOUT OR WATER METER.
- 13. ALL CATEGORY 1 INVASIVE/EXOTIC TREES TO BE REMOVED PER LOCAL ORDINANCE.
- 14. CONTRACTOR TO ENSURE THAT PROPOSED LANDSCAPE DOES NOT BLOCK VIEW OF ROADWAY SIGNS.

INEES	Q11	BOTANICAL / COMMON NAME	SIZE	INATIVE	CODE
BA	6	BULNESIA ARBOREA VERAWOOD	12` HT X 6` SPRD, 2" DBH, FULL CANOPY	**	6
BS	10	BURSERA SIMARUBA GUMBO LIMBO	15` HT X 7` SPR, 5" DBH, FULL CANOPY	N**	5
CG	12	CAESALPINIA GRANADILLO BRIDAL VEIL TREE	12` HT X 6` SPRD, 3" DBH, FULL CANOPY	**	12
CE	22	CONOCARPUS ERECTUS GREEN BUTTONWOOD	14` HT X 6` SPRD, 3" DBH, FULL CANOPY	N**	15
ED	6	ELAEOCARPUS DECIPIENS TM JAPANESE BLUEBERRY TREE	12` HT. X 5` SPRD., 2" DBH FULL CANOPY	**	6
LI	13	LAGERSTROEMIA INDICA 'MUSKOGEE' MUSKOGEE CRAPE MYRTLE	12` HT, 6` SPR, 3" DBH, FULL CANOPY	**	0
LM	12	LAGERSTROEMIA X `NATCHEZ` WHITE CRAPE MYRTLE	15` HT X 6` SPR, 4" DBH, FULL CANOPY	**	6
MF	21	MYRCIANTHES FRAGRANS SIMPSON'S STOPPER	12` HT X 6` SPRD, 2" DBH, FULL CANOPY; SINGLE TRUNK	N**	21
QV	25	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	15` HT X 7` SPR, 4" DBH, FULL CANOPY, MIN. 8.5' TO LOWEST BRANCH (VERTICAL CLEARANCE)	N**	18
					TOTAL 89
PALMS	QTY	BOTANICAL / COMMON NAME	SIZE	NATIVE	PROVIDED PER CODE
BN	2	BISMARCKIA NOBILIS BISMARCK PALM	8`CT		2
PS	6	PHOENIX SYLVESTRIS WILD DATE PALM	12` CT, HEAVY MATCHED DIAMOND CUT	**	6
PE3	2	PTYCHOSPERMA ELEGANS SOLITARE PALM	10` CT, TRIPLE	**	
SP	16	SABAL PALMETTO CABBAGE PALMETTO	14`, 20`, 26` CT STAGGERED	N**	5
VM	8	VEITCHIA MONTGOMERYANA MONTGOMERY PALM	14` CT., 22` OA. HEAVY	**	
			*Include Palms at 3:1	= 2" DBH	TOTAL 13 TOTAL TREES 103
		:			TOTAL TREES 103
SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE	NATIVE	REMARKS
AM2	9	ADONIDIA MERRILLII MANILA PALM	6` OA, DOUBLE		
AM	3	ADONIDIA MERRILLII MANILA PALM	8` OA, SINGLE		
CAT	18	CHAMAEDOREA CATARACTARUM CAT PALM	3` HT X 3` SPRD.		
CRI	9	CRINUM ASIATICUM CRINUM LILY	3` HT X 3` SPRD.		
TD	5	PLENO'	24" HT X 24" SPR		
TR	12	FLORE PLENO PINWHEEL JASMINE THRINAX RADIATA	5'-6' CT.	N**	FULL CANOPY
		FLORIDA THATCH PALM			
SHRUB AREAS	QTY	BOTANICAL / COMMON NAME	SIZE	NATIVE	SPACING
AEC	28	AECHMEA BLANCHETIANA ORANGE BROMELIAD	24" HT X 24" SPRD, 24" OC		
ALN	194	ALLAMANDA CATHARTICA GOLDEN TRUMPET	24" HT X 24" SPRD, 24" OC		
01.0	423	CLUSIA GUTTIFERA	36" HT. X 30" SPRD.		30" OC
CLG		SMALL LEAF CLUSIA			
CLG FIM	1,452	FICUS MICROCARPA `GREEN ISLAND` GREEN ISLAND FICUS	12" HT. X 12" SPRD.	**	16" OC
FIM JAV		FICUS MICROCARPA `GREEN ISLAND`	10" HT. X 16" SPRD.		16" OC
FIM JAV NEP	1,452 996 148	FICUS MICROCARPA `GREEN ISLAND` GREEN ISLAND FICUS JASMINUM VOLUBILE WAX JASMINE NEPHROLEPIS EXALTATA BOSTON FERN	10" HT. X 16" SPRD. 12" HT X 14" SPRD., CERTIFIED NATIVE ONLY	** N**	16" OC 24" OC
JAV NEP	1,452 996 148 272	FICUS MICROCARPA `GREEN ISLAND` GREEN ISLAND FICUS JASMINUM VOLUBILE WAX JASMINE NEPHROLEPIS EXALTATA BOSTON FERN PHILODENDRON X 'BURLE MARX' BURLE MARX PHILODENDRON	10" HT. X 16" SPRD. 12" HT X 14" SPRD., CERTIFIED		
JAV NEP	1,452 996 148	FICUS MICROCARPA `GREEN ISLAND` GREEN ISLAND FICUS JASMINUM VOLUBILE WAX JASMINE NEPHROLEPIS EXALTATA BOSTON FERN PHILODENDRON X 'BURLE MARX'	10" HT. X 16" SPRD. 12" HT X 14" SPRD., CERTIFIED NATIVE ONLY		
JAV NEP PBM PHR	1,452 996 148 272	FICUS MICROCARPA `GREEN ISLAND` GREEN ISLAND FICUS JASMINUM VOLUBILE WAX JASMINE NEPHROLEPIS EXALTATA BOSTON FERN PHILODENDRON X 'BURLE MARX' BURLE MARX PHILODENDRON PHILODENDRON X 'ROJO CONGO'	10" HT. X 16" SPRD. 12" HT X 14" SPRD., CERTIFIED NATIVE ONLY 18" HT. X 18" SPRD.		
FIM JAV NEP PBM PHR	1,452 996 148 272	FICUS MICROCARPA `GREEN ISLAND` GREEN ISLAND FICUS JASMINUM VOLUBILE WAX JASMINE NEPHROLEPIS EXALTATA BOSTON FERN PHILODENDRON X 'BURLE MARX' BURLE MARX PHILODENDRON PHILODENDRON X 'ROJO CONGO' ROJO CONGO PHILODENDRON PSYCHOTRIA NERVOSA	10" HT. X 16" SPRD. 12" HT X 14" SPRD., CERTIFIED NATIVE ONLY 18" HT. X 18" SPRD. 24" HT. X 24" SPRD.	N**	24° OC
	1,452 996 148 272 114 34	FICUS MICROCARPA `GREEN ISLAND` GREEN ISLAND FICUS JASMINUM VOLUBILE WAX JASMINE NEPHROLEPIS EXALTATA BOSTON FERN PHILODENDRON X 'BURLE MARX' BURLE MARX PHILODENDRON PHILODENDRON X 'ROJO CONGO' ROJO CONGO PHILODENDRON PSYCHOTRIA NERVOSA WILD COFFEE RONDELETIA LEUCOPHYLLA	10" HT. X 16" SPRD. 12" HT X 14" SPRD., CERTIFIED NATIVE ONLY 18" HT. X 16" SPRD. 24" HT. X 24" SPRD.	N**	24° OC

PLANT SCHEDULE

BOTANICAL / COMMON NAME

SIZE

NATIVE PROVIDED PER

ADDITIONAL DBH MITIGATION

" +2" +3" +4" +5" TOTAL IN.

36

39

*248



Beach, FL 33060 PH: (954) 788-3400

Florida Certificate of Authorization: 7928

	REVISIONS		
NO.	DESCRIPTION	DATE	
1	PLANT LIST REVISIONS	07/26/2021	
	I	I	

PRELIMINARY PLAN NOT FOR CONSTRUCTION

THESE PLANS ARE NOT FULLY PERMITTE AND ARE SUBJECT TO REVISIONS MADE DURING THE PERMITTING PROCESS.

RESPONSIBILITY FOR THE USE OF THESE
PLANS PRIOR TO OBTAINING PERMITS FROM THE PROJECT WILL FALL SOLELY UPON TH

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PROJECT

PINNACLE 441 890 N SR7

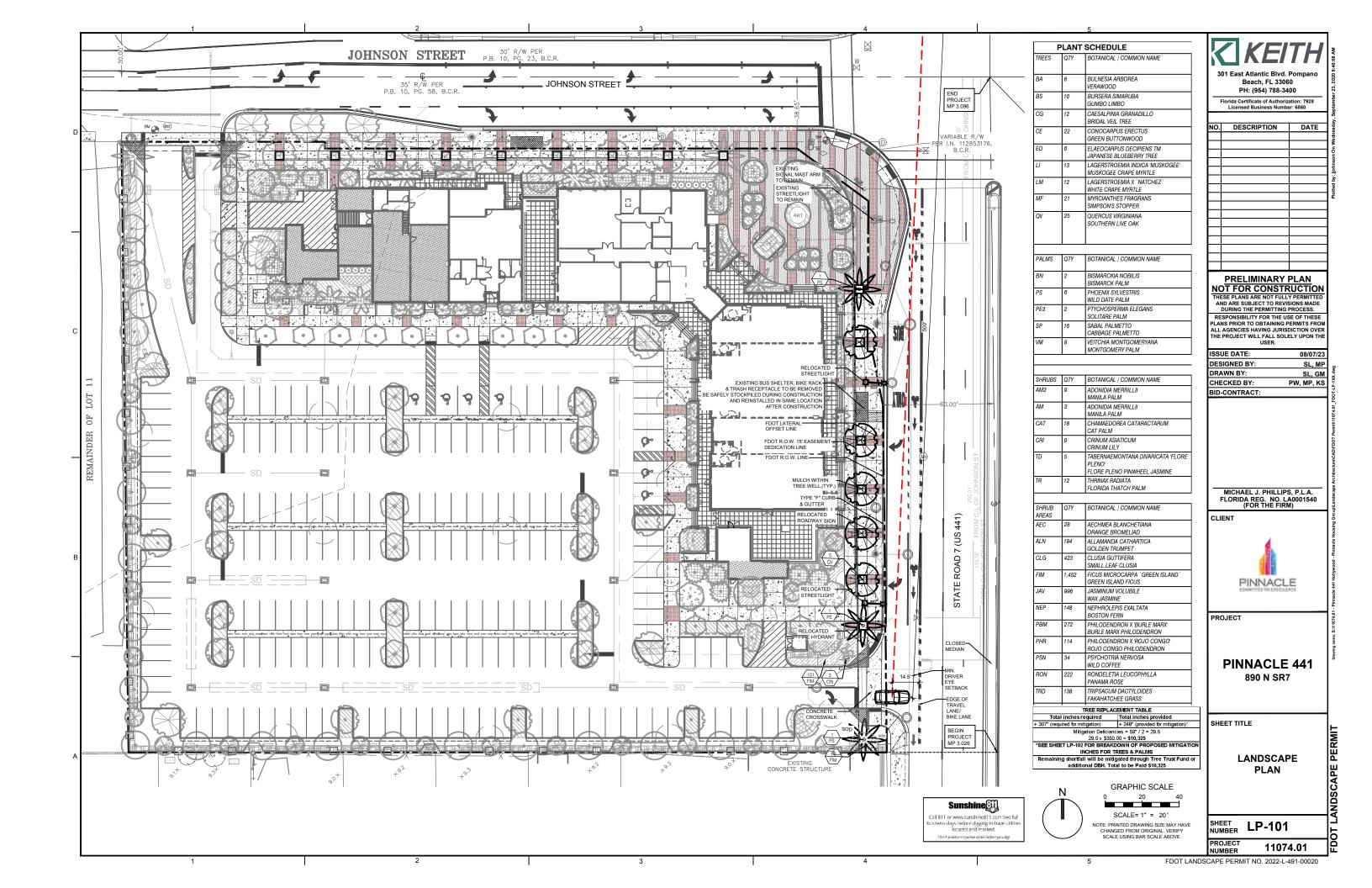
SHEET TITLE

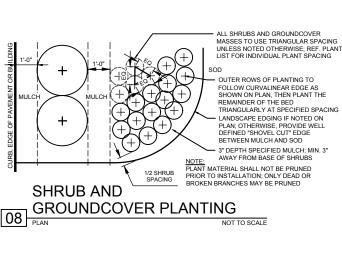
LANDSCAPE SCHEDULE & NOTES

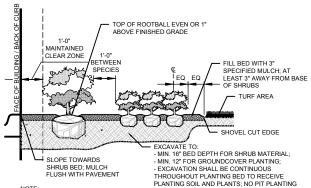
ANDSCAPE PERM

SHEET LP-002 NUMBER PROJEC

11074.01 NUMBER FDOT LANDSCAPE PERMIT NO. 2022-L-491-00020







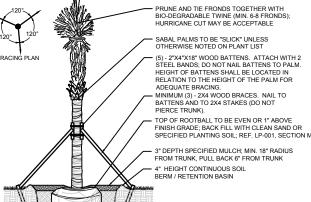
NOTE:

PLANT MATERIAL SHALL NOT BE PRUNED PRIOR TO INSTALLATION. AFTER PLANTS HAVE BEEN INSTALLED, EACH PLANT SHALL BE PRUNED FOR UNIFORMITY OR AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.

CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING BEDS PRIOR TO INSTALLATION.

SHRUB AND **GROUNDCOVER PLANTING**





PLACE ROOT BALL AT BOTTOM OF PLANTING PIT SABAL PALM4"-6" LAYER OF COMPACTED PLANTING MIX PLANTING DETAIL

FIRE HYDRANT CLEAR ZONE

SIDE CLEARANCE

LANDSCAPE (EXCEPT SOD

THE CLEAR ZONE SHALL BE FREE OF

MAILBOXES, PARKING, LAMP-POSTS AND ALL OTHER OBJECTS.

EXCEPTIONS: OTHER FIRE FIGHTING

PREVENT FIRE FIGHTING EQUIPMENT

EQUIPMENT OR TRAFFIC POSTS TO

UTILITIES MUST BE SCREENED PER

EQUIP. NOT SHOWN ON PLANS MUST

- UTILITY / MECHANICAL EQUIPMENT

UTILITY / MECHANICAL EQUIPMENT

IF DOMESTIC BACKELOW PREVENTER AND FIRE SERVICE ARE GOING TO BE USED TOGETHER, THE LANDSCAPE HEDGE SHALL SCREEN BOTH

- PROPOSED HEDGE

TYPICAL SCREEN FOR

SIDE CLEA

10 PLAN / SECTION

RECLUREMENTS APPLY TO FIRE

PUBLIC OR PRIVATE PROPERTY

BUILDING CODE.

HYDRANTS, SIAMESE CONNECTIONS AND ANY OTHER FIRE EQUIPMENT FOR UTILIZING FIRE HOSE, ON

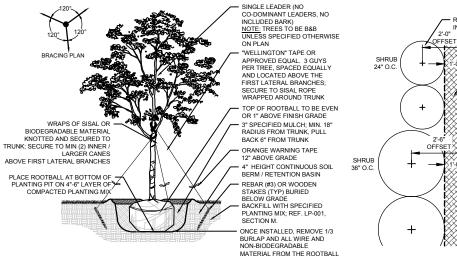
BY THE AUTHORITY OF THE FLORIDA

UTILITIES / MECH. EQUIP.

BE SCREENED AS WELL SCREEN WITH BE SCREENED AS WELL. SCREEN WITH COCOPLUM (CHRYSOBALANUS ICACO) HEDGE UNLESS OTHERWISE NOTED. THE SCREENING MATERIAL SHALL BE MAINTAINED 6" ABOVE THE HEIGHT OF THE EQUIP. LEAVE 36" ACCESS TO UTILITY IN LESS VISIBLE SIDE

CODE. UTILITIES OR MECHANICAL





SINGLE TRUNK TREE PLANTING DETAIL

NOT TO SCALE

WELLINGTON" TAPE OR

WELLINGTON TAPE OR APPROVED EQUAL. 3 GUYS PER TREE, SPACED EQUALLY; SECURE TO SISAL ROPE WRAPPED AROUND TRUNK

TOP OF ROOTBALL TO BE EVEN OR 1" ABOVE FINISH GRADE

3" SPECIFIED MULCH; MIN. 18" RADIUS FROM TRUNK, PULL BACK 6" FROM TRUNK

REE PLAN FOR SHRUB SIZE AT INSTALLATION AND O.C. SPACING 1'-0" <u>MAINTAINED</u> CLEAR ZONE BETWEEN FACE OF BUILDING / BACK OF CURB AND EDGE OF PLANT; CONTINUE MULCH WITHIN THIS ZONE, TYPICAL TYPICAL OFFSET DIMENSION: SHRUB 6. OFFSET 12" O.C. SHRUB SPACING TYP. 1'-9" 2'-0" 2'-3" 2'-6" 2'-9" 24" O.C. 30" O.C. 36" O.C.

> TYPICAL SHRUB OFFSET AT BUILDING / CURB

TREES SMALLER THAN 10" (4) WOOD BRACES FOR PALMS

FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY LANDSCAPE ARCHITECT ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION (6) 2"X4"X12" WOOD BATTENS SECURED WITH (2) STEEL BANDS

(4) LAYERS OF BURLAP TO PROTECT TRUNK MINIMUM OF (3) 4X4 WOOD BRACES. NAIL TO BATTENS (DO NOT PIERCE TRUNK) AND TO 2X4 STAKES, USE (4) 4X4 BRACES FOR TREES / PALMS OVER 10" DBH 3" DEPTH SPECIFIED MULCH; 6" AWAY FROM TRUNK; MINIMUM 18" RADIUS AROUND TRUNK OF TREE 4" HEIGHT CONTINUOUS SOIL BERM / RETENTION BASIN

UNDISTURBED GROUND; NAILED TO WOOD BRACES

BACKFILL WITH SPECIFIED PLANTING MIX; REF. LP-001, SECTION M; (FOR DATE PALMS, BACKFILL WITH CLEAN SAND)

LARGE TREE PALM PLANTING DETAIL

NOTE:

REF. LP-001, LANDSCAPE NOTES, FOR ADDITIONAL REQUIREMENTS. ROOT BALL SIZE FOR ALL TREES AND PALMS TO BE IN PROPORTION TO SIZE AN

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301 East Atlantic Blvd. Pompano

Beach, FI 33060 PH: (954) 788-3400 Florida Certificate of Authorization: 7928 Licensed Business Number: 6860

DESCRIPTION

DATE

ISSUE DATE: 08/07/23 DESIGNED BY: SL, MP RAWN BY: SL, GM PW, MP, KS CHECKED BY BID-CONTRACT:

THE PROJECT WILL FALL SOLELY UPON TH

MICHAEL J. PHILLIPS, P.L.A. FLORIDA REG. NO. LA0001540 (FOR THE FIRM)

CLIENT



PROJECT

PINNACLE 441 890 N SR7

SHEET TITLE

LANDSCAPE **DETAILS**

LANDSCAPE PERMI

SHEET LP-501 NUMBER

PROJEC 11074.01 NUMBER

ORANGE WARNING TAPE 12" ABOVE GRADE BERM / RETENTION BASIN - WOODEN STAKES (TYP) BURIED BELOW GRADE BACKELL WITH SPECIFIED PLACE POOTBALL AT BOTTOM OF -SMALL / MEDIUM TREE PALM PLANTING DETAIL NOT TO SCALE MULTI-TRUNK TREE, MIN. 3-5 CANES (TREES TO BE B&B UNLESS SPECIFIED OTHERWISE ON PLAN) APPROVED EQUAL. 3 GUYS PER TREE, SPACED EQUALLY AND LOCATED ABOVE THE FIRST LATERAL BRANCHES TOP OF ROOTBALL TO BE EVEN OR 1" ABOVE FINISH GRADE 3" SPECIFIED MULCH; MIN. 18" WRAPS OF SISAL OR RADIUS FROM TRUNK, PULL BIODEGRADABLE MATERIAL KNOTTED BACK 6" FROM TRUNK ORANGE WARNING TAPE 12" AND SECURED TO ABOVE GRADE TRUNK; SECURE TO MIN (2) INNER / 4" HEIGHT CONTINUOUS SOIL BERM / RETENTION BASIN LARGER CANES REBAR (#3) OR WOODEN STAKES (TYP) BURIED BELOW GRADE

BACKFILL WITH SPECIFIED

PLANTING MIX: REF. LP-001.

ONCE INSTALLED, REMOVE 1/3
BURLAP AND ALL WIRE AND
NON-BIODEGRADABLE
MATERIAL FROM THE ROOTBALL

NOT TO SCALE

SECTION M.

PLACE ROOTBALL AT -

MULTI-TRUNK

TREE PLANTING DETAIL

BOTTOM OF PLANTING PIT ON 4"-6" LAYER OF COMPACTED PLANTING MIX

TYPE OF PALM PER FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS

FDOT LANDSCAPE PERMIT NO. 2022-L-491-00020