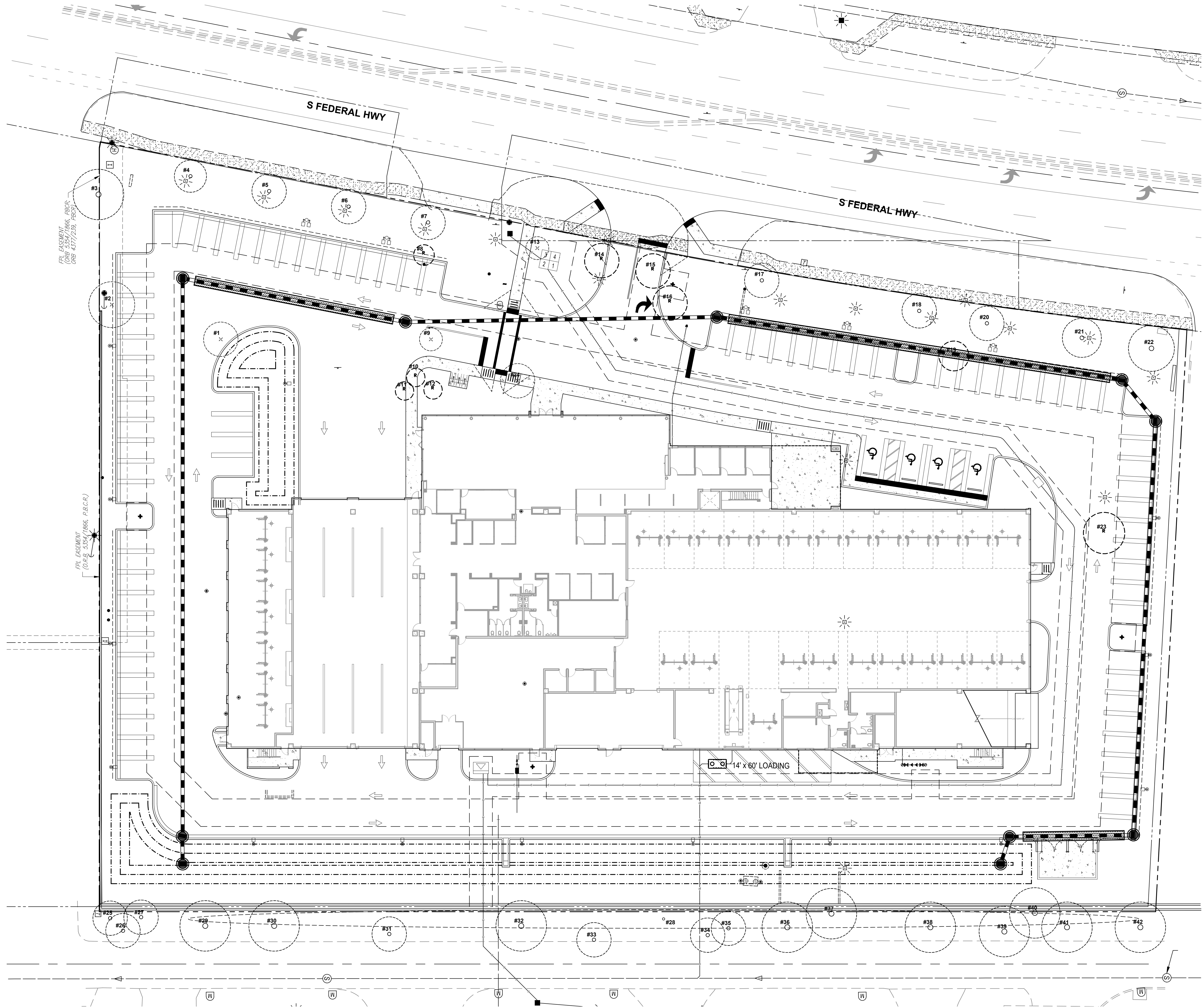
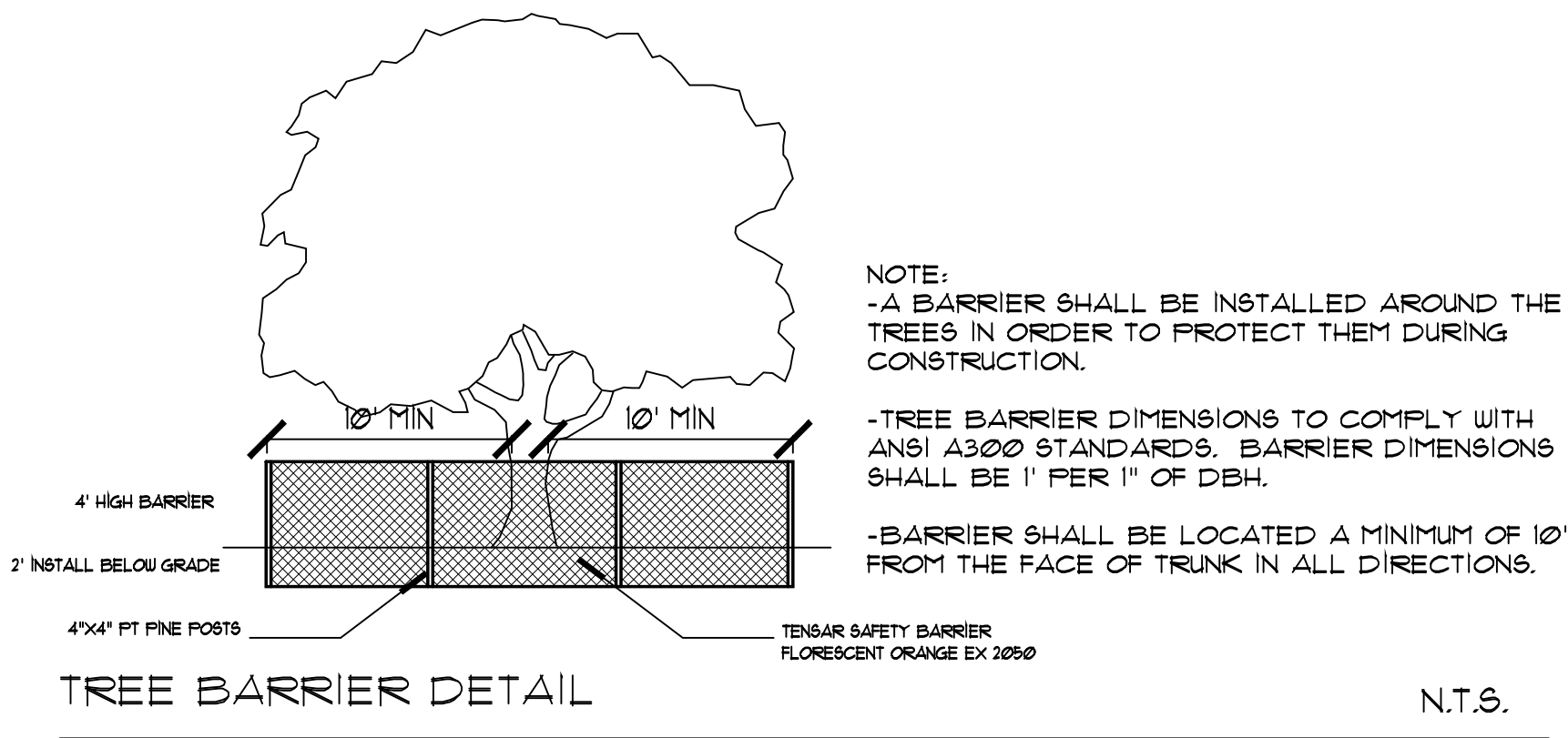




LEGEND

- # TREE TO REMAIN
- R # TREE TO RELOCATE
- X # TREE TO REMOVE

REVISIONS	
LICENSED PROFESSIONAL	DIEGO J. VANDERBEEK, RLA FLORIDA NO. 6667355 DATE:
KIA Delray Hodgens Construction 2255 S. FEDERAL HWY DELRAY BEACH, FL	
TREE DISPOSITION PLAN	
 12950 Northwest 113 Ct. Miami, FL 33178 P. 305-884-5700 F. 305-884-8843 This Drawing is the property of Dixie Landscape Co., Inc. and is not to be reproduced or used in any manner without the express written consent of Dixie Landscape Co., Inc.	Date 07.11.25 Scale 1"=20'-0" Drawn EH, JC Check DV Sheet TD-1 Of 2 Sheets



Tree Disposition								
No	Botanical Name	Common Name	DBH (inches)	Height (feet)	Spread (feet)	Condition (%)	Disposition	Remarks/Notes
1	Adonidia merrillii	Christmas Palm	18	20	15	0	Remove	Triple trunk. Limited root zone. Chlorotic.
2	Cupaniosis anacardiodes	Carrotwood	22	20	20	0	Remove	FISC category I invasive species.
3	Cocos nucifera	Coconut Tree	5	20	22	0	Remain	
4	Roystonea elata	Royal Palm	20	30	14	50	Remain	Severe penciling.
5	Roystonea elata	Royal Palm	16	40	15	50	Remain	Penciling, necrotic fronds.
6	Roystonea elata	Royal Palm	15	30	15	60	Remain	Some penciling.
7	Roystonea elata	Royal Palm	25	35	15	60	Remain	Some penciling.
8	Coccoloba diversifolia	Pigeon Plum	5	13	9	0	Relocate	Limited root zone. Good structure, health and vigor.
9	Adonidia merrillii	Christmas Palm	12	16	10	0	Remove	Double trunk. Limited root zone. Chlorotic.
10	Sabal palmetto	Sabal palmetto	14	15	8	0	Relocate	
11	Sabal palmetto	Sabal palmetto	14	25	8	0	Relocate	
12	Sabal palmetto	Sabal palmetto	14	20	8	0	Relocate	
13	Roystonea elata	Royal Palm	21	32	10	30	Remove	Utility pruned. Chlorotic. Severe penciling in upper half.
14	Roystonea elata	Royal Palm	25	25	25	50	Relocate	Some penciling. Necrotic fronds.
15	Roystonea elata	Royal Palm	22	31	15	50	Relocate	Some penciling. Necrotic fronds.
16	Coccoloba diversifolia	Pigeon Plum	6	14	8	55	Relocate	Necrotic foliage. Water and/or wind stress. Good structure.
17	Roystonea elata	Royal Palm	40	15	34	60	Remain	Some pencilling and chlorosis
18	Roystonea elata	Royal Palm	15	35	15	60	Remain	Some pencilling and chlorosis
19	Coccoloba diversifolia	Pigeon Plum	6	14	8	0	Relocate	Limited root zone.
20	Roystonea elata	Royal Palm	24	40	15	60	Remain	Some pencilling and chlorosis
21	Roystonea elata	Royal Palm	22	37	17	60	Remain	Some pencilling and chlorosis
22	Roystonea elata	Royal Palm	18	44	10	60	Remain	Some pencilling and chlorosis
23	Conocarpus erectus 'sericeus'	Silver Buttonwood	8	16	12	0	Relocate	Limited root zone.
24	Adonidia merrillii	Christmas Palm	18	20	15	0	Remove	Tripple Trunk

Tree Disposition (East ROW)									
No	Botanical Name	Common Name	DBH (inches)	Height (feet)	Spread (feet)	Condition (%)	Disposition	Remarks/Notes	
25	Cocos nucifera	Coconut Tree	12	22	16	60	Remain		
26	Cocos nucifera	Coconut Tree	12	33	16	60	Remain		
27	Cocos nucifera	Coconut Tree	12	33	16	60	Remain		
28	Archontophoenix alexandrae	King Alexander Palm	cluster	16 - 22	410	40-60	Remain	Multi trunk	
29	Delonix regia	Royal Poinciana	19	30	24	60	Remain		
30	Delonix regia	Royal Poinciana	19	34	25	60	Remain		
31	Cocos nucifera 'maypan'	Maypan Coconut Tree	12	26	20	60	Remain		
32	Delonix regia	Royal Poinciana	10	20	15	40	Remain	Under powerlines	
33	Cocos nucifera 'maypan'	Maypan Coconut Tree	10	15	20	60	Remain		
34	Cocos nucifera 'maypan'	Maypan Coconut Tree	14	38	20	60	Remain		
35	Cocos nucifera 'maypan'	Maypan Coconut Tree	14	38	20	60	Remain		
36	Delonix regia	Royal Poinciana	14	40	30	60	Remain		
37	Conocarpus erectus	Green Buttonwood	11	35	12	50	Remain		
38	Delonix regia	Royal Poinciana	20	35	40	60	Remain		
39	Delonix regia	Royal Poinciana	14	35	22	60	Remain		
40	Conocarpus erectus	Green Buttonwood	8	30	14	60	Remain		
41	Delonix regia	Royal Poinciana	8	20	12	60	Remain		
42	Delonix regia	Royal Poinciana	21	40	35	60	Remain		

- NOTES:
- 5 TREES/PALMS BEING REMOVED.
 - TREE #2 DOESN'T COUNT TOWARDS MITIGATION AS IT IS AN INVASIVE SPECIES.
 - OTHER 4 PALMS ARE OF CONDITION LESS THAN 50%.
 - THUS MITIGATION FOR EACH IS ON A PALM TO PALM BASIS.
 - SEE LANDSCAPE PLAN FOR FURTHER MITIGATION.

REVISIONS

LICENSED PROFESSIONAL

DIEGO J. VANDERBREST, RLA
FLORIDA NO. 6667355
DATE:

TREE DISPOSITION PLAN

KIA Delray

Hodgens Construction

2255 S. FEDERAL HWY

DELRAY BEACH, FL

DIXIE
LANDSCAPE

12950 Northwest 113 Ct.
Miami, FL 33178
P. 305-884-5700 F. 305-884-8843

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Date 07.11.25

Scale NTS

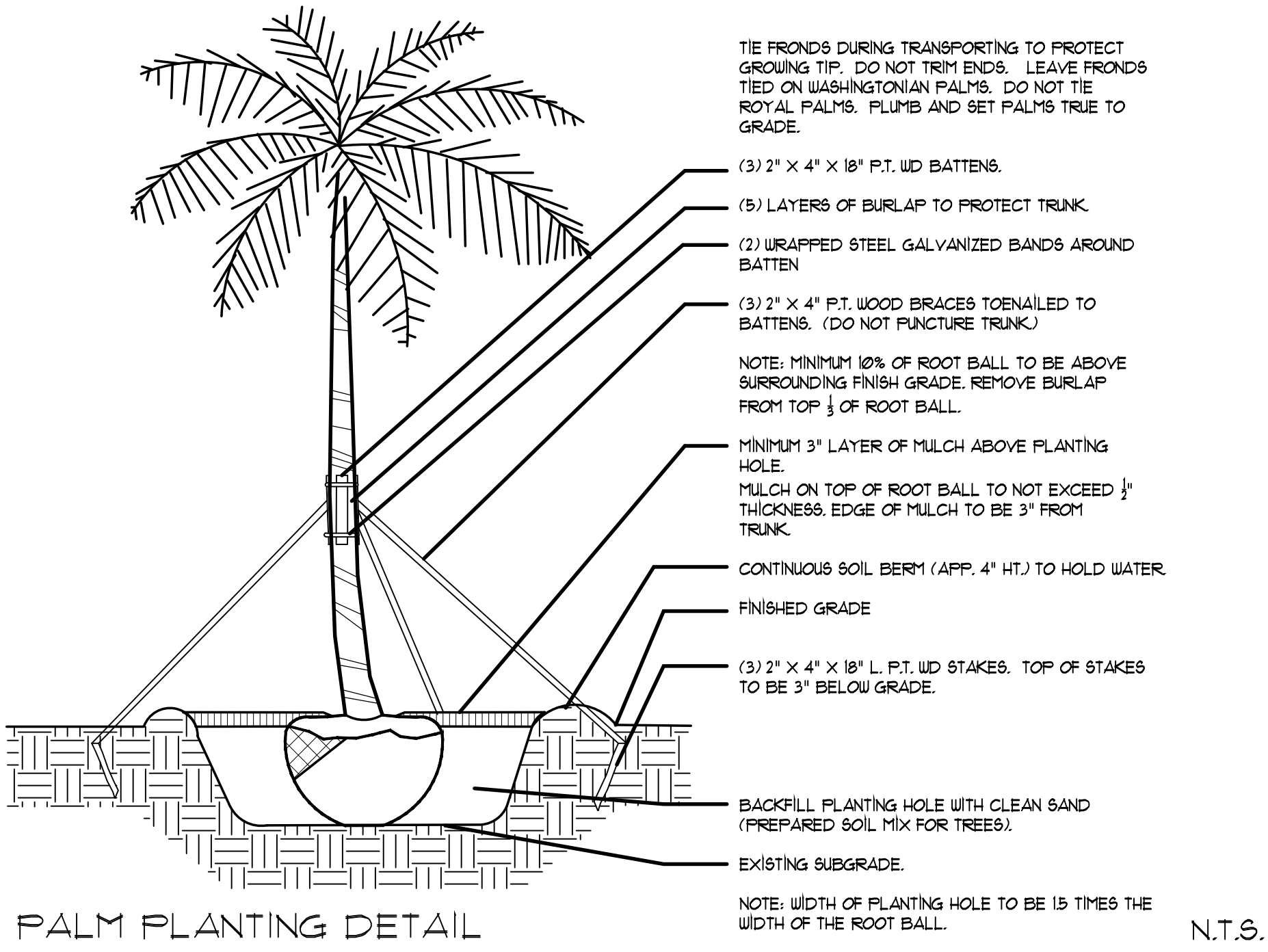
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TD-2

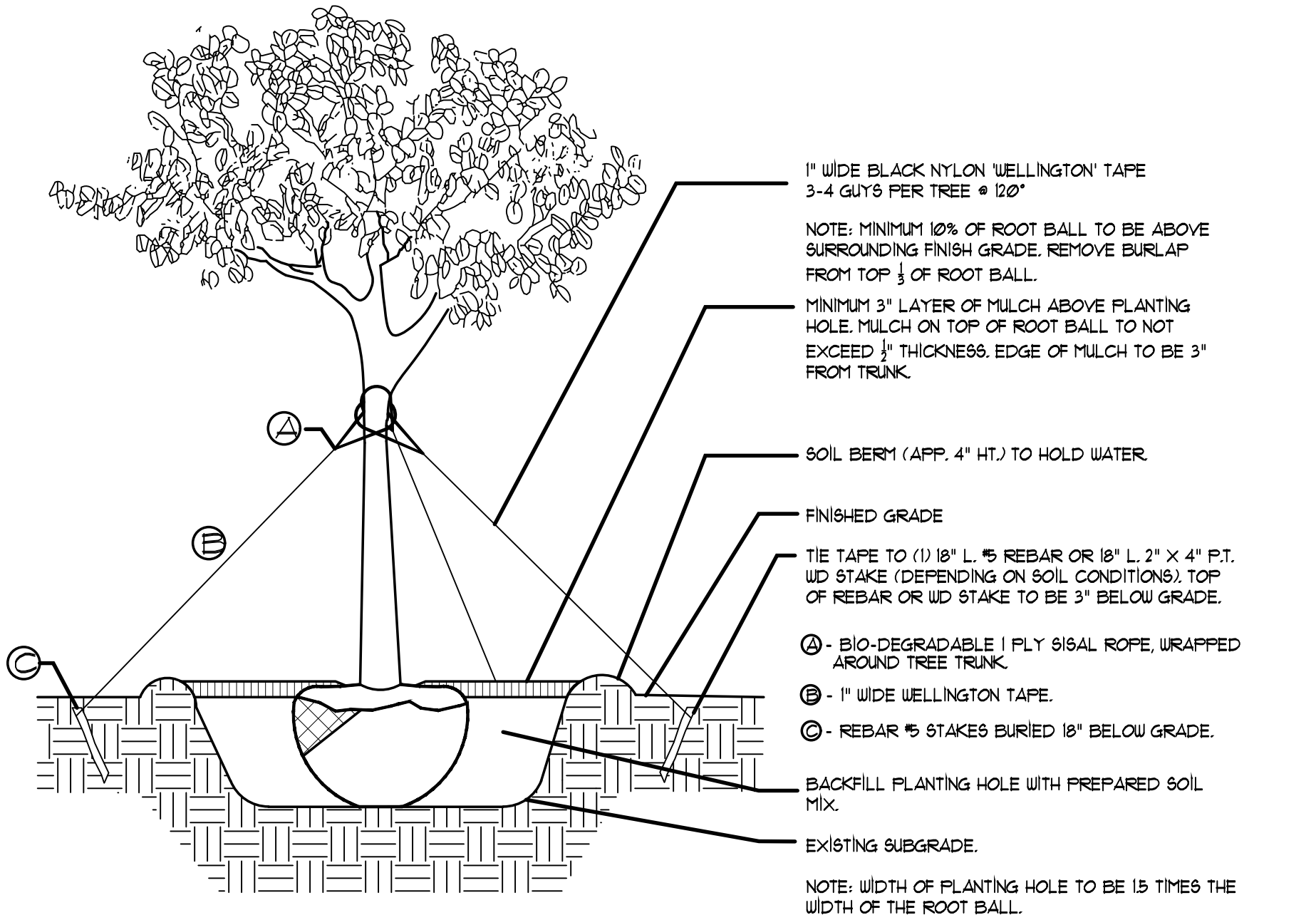
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PALM PLANTING DETAIL

LARGE TREE PLANTING DETAIL SIMILAR

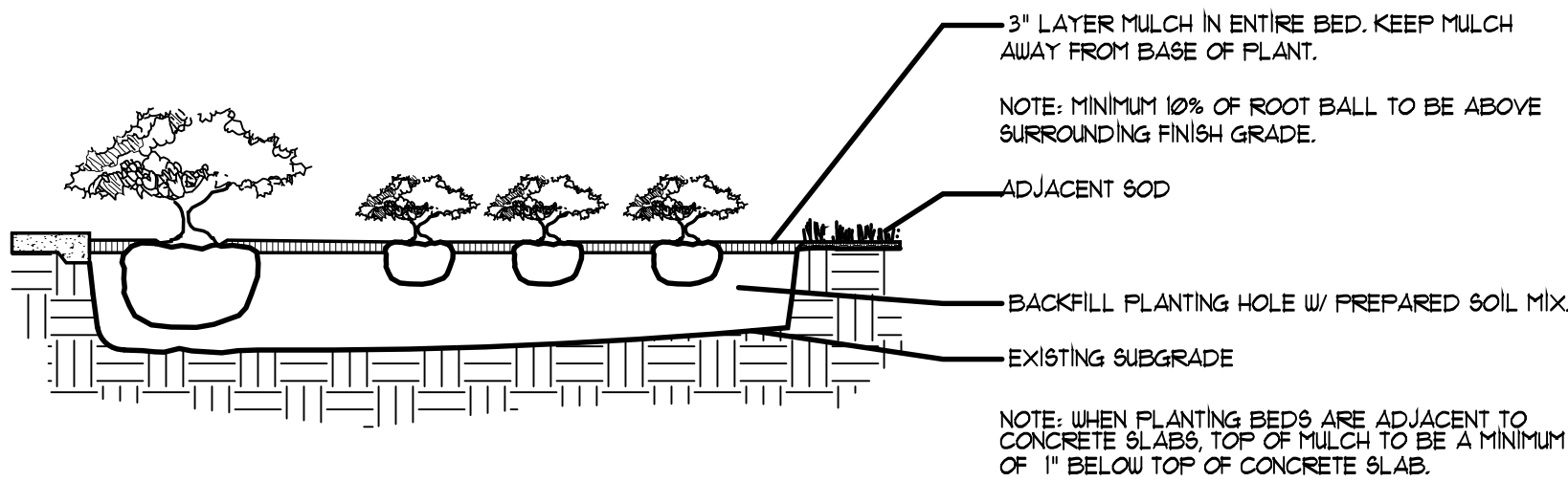
N.T.S.



TREE PLANTING DETAIL

TREES WITH 3" CALIPER OR LESS

N.T.S.



SHRUB/GROUND COVER DETAIL

N.T.S.

PLANT NOTES

1. ALL PLANT MATERIAL TO BE FLORIDA NO. 1 OR BETTER FLORIDA DEPARTMENT OF AGRICULTURE GRADES AND STANDARDS± PARTS I AND II, 2ND EDITION; FEBRUARY 1998, RESPECTIVELY.
2. ALL PLANTING BEDS TO BE TOPPED WITH 3" MULCH EXCLUDING TOP OF ROOT BALL (SEE PALM/ TREE PLANTING DETAIL).
3. ALL TREES TO BE STAKED IN A GOOD WORKMANLIKE MANNER, NO NAIL STAKING IN TRUNKS PERMITTED.
4. LANDSCAPE PLAN SHALL BE INSTALLED IN COMPLIANCE WITH ALL LOCAL CODES.
5. ALL SOD SHALL BE ST. AUGUSTINE 'FLORATAM' SOLID SOD, (UNLESS OTHERWISE NOTED) AND LAID WITH ALTERNATING AND ABUTTING JOINTS.
6. ALL PLANTING BEDS TO BE WEED AND GRASS FREE.
7. LANDSCAPE CONTRACTOR SHALL REVIEW ALL DRAWINGS AND PREPARE OWN QUANTITY COUNTS/ PRIOR TO BID COST AND COMPARE TO ARCHITECT'S PLANT LIST. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ATTAINING ACCURATE COUNT OF PLANT MATERIALS SPECIFIED. IN THE EVENT OF DISCREPANCIES, LANDSCAPE CONTRACTORS SHALL BRING TO THE ATTENTION OF LANDSCAPE ARCHITECT. PLAN SHALL TAKE PRECEDENCE OVER PLANT LIST.
8. LANDSCAPE CONTRACTOR SHALL LOCATE AND VERIFY ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
9. NO CHANGES SHALL BE MADE WITHOUT THE PRIOR CONSENT OF THE LANDSCAPE ARCHITECT.
10. ALL PLANTED AREAS TO RECEIVE 100% COVERAGE BY AN AUTOMATIC IRRIGATION SYSTEM, WITH A MINIMUM OF 50% OVERLAP. RAIN SENSOR TO BE PROVIDED.

NOTES:

- 4 Palm replacements on 1 to 1 basis were needed for mitigation.
- Please see Tree Disposition Plan for Mitigation information.
- Mitigation requirements met with proposed planting.
- No Mitigation shortfall.
- Any trees or shrubs placed within water, sewer or drainage easements shall conform to the City of Delray Beach Standard Details± LD 10 & LD 20"
- All invasive plant material shall be removed from property.
- 19 trees are being provided along the rear outside of wall and on the east side of the property.

PLANTLIST

TREES & PALMS

QTY	KEY	BOTANICAL NAME	COMMON NAME	DESCRIPTION
4	BN	Bismarckia nobilis	Bismark Palm	16' oa. ht., 8' ct. min.
17	BS*	Bursera simaruba	Gumbo Limbo	16' ht., 6' str. trunk, 8' ct., 7' spr.
12	CD*	Coccoloba diversifolia	Pigeon Plum	16' ht., 6' str. trunk, 8' ct., 7' spr.
80	DL	Dypsis lutescens	Areca Palm	8' oa. ht.
2	ED	Elaeocarpus decipines	Japanese Blueberry	16' ht., 6' str. trunk, 8' ct., 7' spr.
24	IA*	Ilex x attenuata 'Eagleston'	Eagleston Holly	16' ht., 6' str. trunk, 8' ct., 7' spr.
9	PE	Ptychosperma elegans	Alexander Palm	16' oa. ht., 8' ct. min.
3	QV*	Quercus virgiana	Live Oak	16' ht., 6' str. trunk, 8' ct., 7' spr.
2	RE	Reystonea elata	Royal Palm	25' oa. ht.
24	TH	Tabebuia heterophylla	Pink Tabebuia	16' ht., 6' str. trunk, 8' ct., 7' spr.
19	TD*	Taxodium distichum	Bald Cypress	18' ht., 4' str. trunk, 6' ct., 8' spr.
12	VM	Veitchia montgomeryana	Montgomery Palm	16' ht, straight trunk 8' ct.

SHRUBS & GROUNDCOVERS

QTY	KEY	BOTANICAL NAME	COMMON NAME	DESCRIPTION
45	ACW	Acalypha wilkesiana	Copperleaf	3 gal., 24" ht.
693	ARG	Arachia glabarata	Perennial Peanut	1 gal., 6" ht.
211	CHI*	Chrysobalanus icaco 'red tip'	Red Tip Cocoplum	3 gal., 24" ht.
68	CHI7*	Chrysobalanus icaco 'red tip'	Red Tip Cocoplum	7 gal, 36" ht, 24" spr, 24" oc
18	CLG	Clusia guttifera	Clusia	3 gal., 24" ht.
195	CLG7	Clusia guttifera	Clusia	7 gal, 36" ht, 24" spr, 24" oc
152	COE*	Conocarpus erectus	Green Buttonwood	7 gal, 36" ht, 24" spr, 24" oc
21	COV	Codiaeum variegatum	Croton	3 gal., 24" ht.
52	CES*	Conocarpus erectus 'sericeus'	Silver Buttonwood	7 gal, 36" ht, 24" spr, 24" oc
8	CRA	Crinum asiaticum 'red leaf'	Red Leaf Crinum	7 gal, 36" ht.
183	EVG	Evolvulus glomeratus	Blue Daze	1 gal., 6" ht.
148	FIM	Ficus microcarpa 'green island'	Green Island Ficus	3 gal., 24" ht.
187	HAP*	Hamelia patens	Firebush	3 gal., 24" ht.
100	NEE*	Nephrolepis exaltata	Sword Fern	3 gal., 24" ht.
189	PES	Pennisetum setaceum 'rubrum'	Purple Fountain Grass	3 gal., 24" ht.
579	RHI	Rhaphiolepis indica	Indian Hawthorne	3 gal., 24" ht.
191	SCV	Schefflera arboricola 'variegated'	Trinette	3 gal., 24" ht.
170	SPB*	Spartina bakeri	Sandcord Grass	3 gal., 24" ht.
120	TRD*	Tripsacum dactyloides	Fakahatchee Grass	7 gal, 36" ht., 36" spr., 36" oc.
235	TRF*	Tripsacum floridanum	Dwarf Fakahatchee Grass	3 gal., 24" ht.

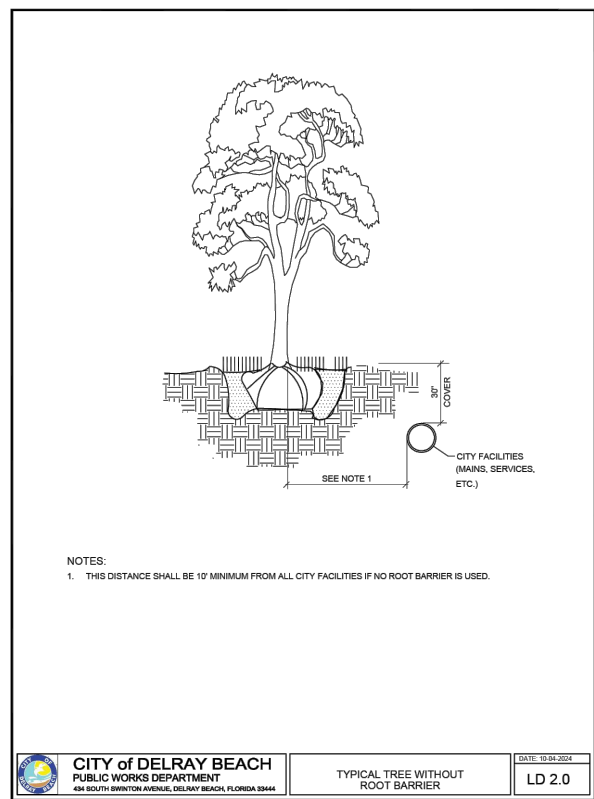
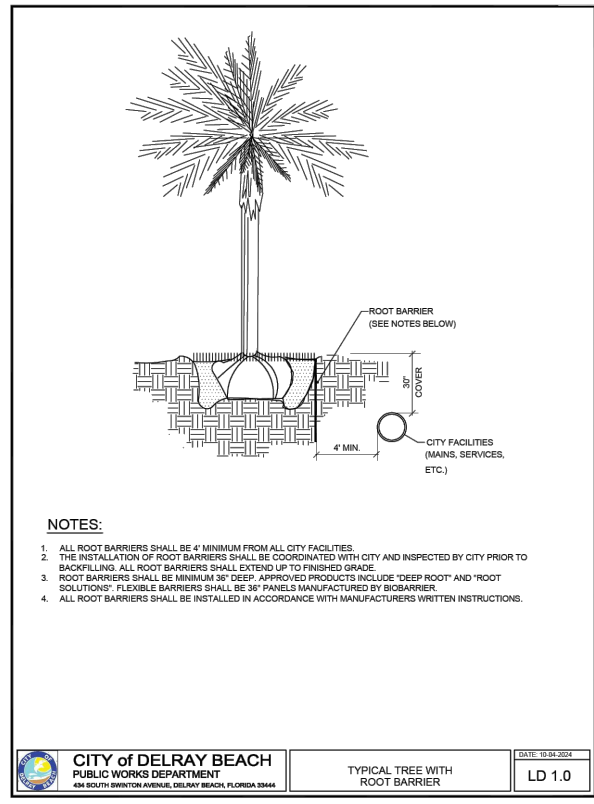
* Denotes Native species

Planting soil (cubic yards) as needed

Sod to be measured in field. Locations as shown on landscape plan.

LANDSCAPE CALCULATION FORM MULTIPLE FAMILY, COMMERCIAL & INDUSTRIAL

CITY OF DELRAY BEACH (561) 243-7200		
A	TOTAL LOT AREA	133740 S.F.
B	STRUCTURES, PARKING, WALKWAYS, DRIVES, ETC.	100293 S.F.
C	TOTAL PERVIOUS LOT AREA C = (A - B)	33447 S.F.
D	AREA OF SHRUBS AND GROUND COVERS REQUIRED D = (C X .30)	10034 S.F.
E	AREA OF SHRUBS AND GROUND COVERS PROVIDED	11168 S.F.
F	NATIVE VEGETATION REQUIRED F = (D X .25)	2508 S.F.
G	NATIVE VEGETATION PROVIDED	5835 S.F.
H	TOTAL PAVED VEHICULAR USE AREA	52940 S.F.
I	TOTAL INTERIOR LANDSCAPE AREA REQUIRED I = (H X .10)	5294 S.F.
J	TOTAL INTERIOR LANDSCAPE AREA PROVIDED	17177 S.F.
K	TOTAL INTEROR SHADE TREES REQUIRED K = (I / 125 S.F.)	42 TREES
L	TOTAL INTERIOR SHADE TREES PROVIDED	64 TREES
M	TOTAL LINEAR FEET SURROUNDING PARKING OR VEHICULAR USE AREAS* 1060' SURROUNDING PARKING. 456' ADJACENT TO RESIDENTIAL AREA.	1060 & 456 L.F.
N	TOTAL NUMBER OF PERIMETER TREES REQUIRED N = (M / 30) N = (M / 25) IF ADJACENT TO PROPERTY IN RESIDENTIAL USE	53 TREES
O	TOTAL NUMBER OF PERIMETER TREES PROVIDED	60 TREES
P	TOTAL NUMBER OF EXISTING TREES TO BE SAVED OF SITE	9 TREES
Q	TOTAL NUMBER OF NATIVE TREES REQUIRED Q = [(K + N) X .50]	48 TREES
R	TOTAL NUMBER OF NATIVE TREES PROVIDED	70 TREES
S	TOTAL NUMBER OF TREES ON PLAN PROVIDED Counting Street Trees & Remaining Trees	116 TREES



REVISIONS

LICENSED PROFESSIONAL

DIEGO J. VANDERBREST, RLA
FLORIDA NO. 6667355
DATE:

LANDSCAPE DETAILS

KIA Delray
Hodgens Construction
2255 S. FEDERAL HWY
DELRAY BEACH, FL

DIXIE
LANDSCAPE

12950 Northwest 113 Ct.
Miami, FL 33178
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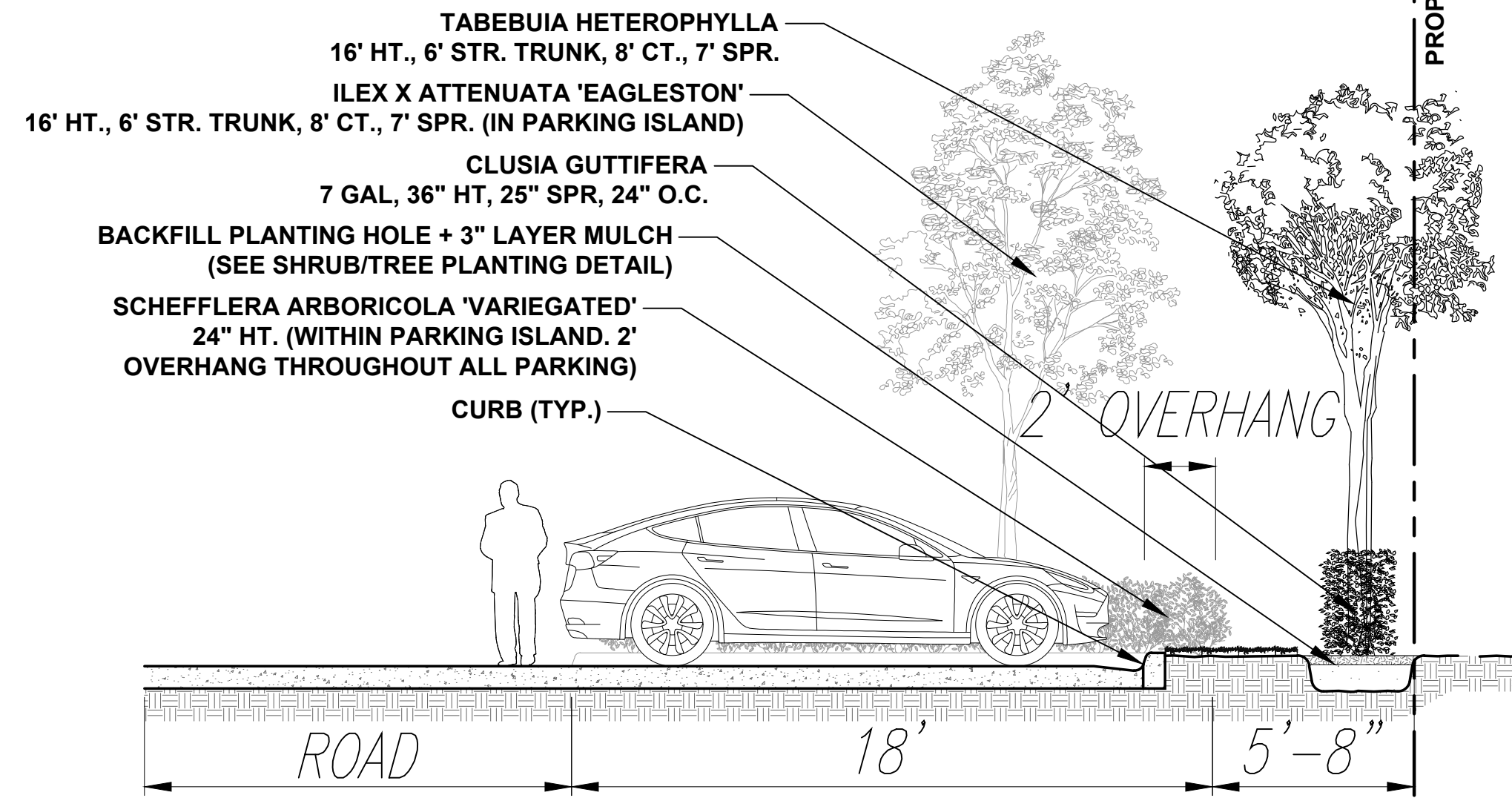
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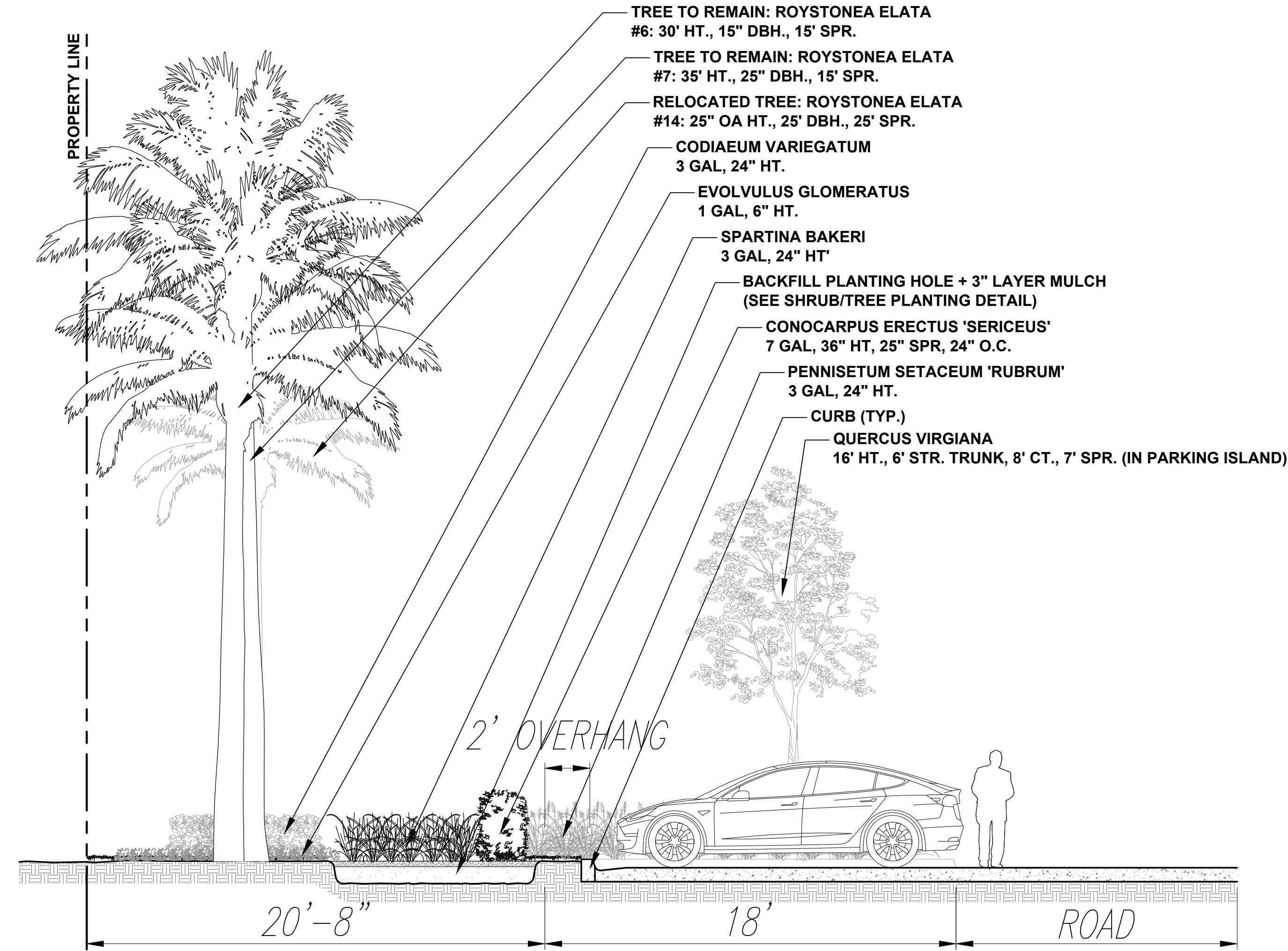
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LA-2

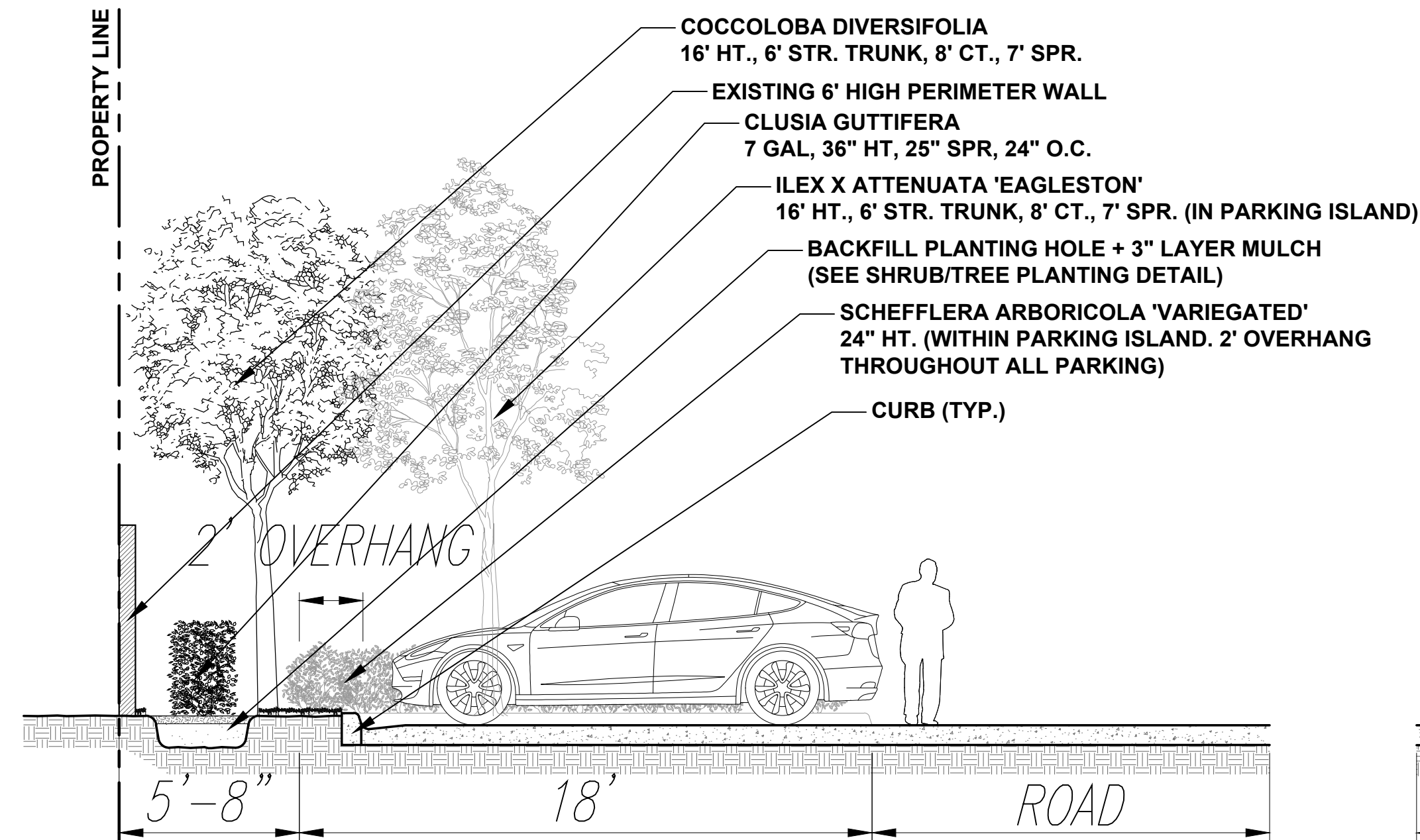
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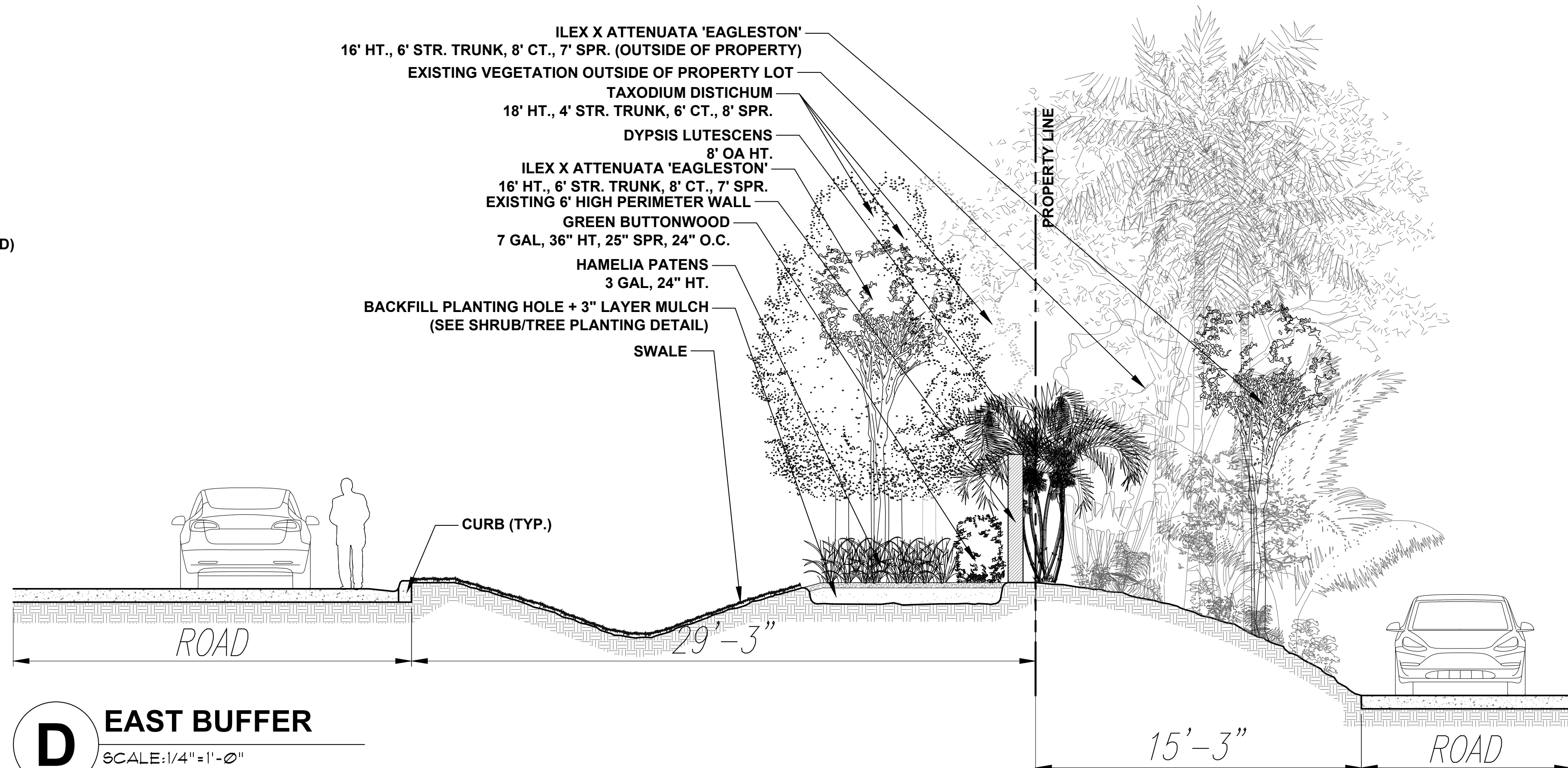
A NORTH BUFFER
SCALE: 1/4" = 1'-0"



B WEST BUFFER
SCALE: 1/4" = 1'-0"



C SOUTH BUFFER
SCALE: 1/4" = 1'-0"



D EAST BUFFER
SCALE: 1/4" = 1'-0"

REVISIONS

LICENSED PROFESSIONAL

DIEGO J. VANDERBEEK, R.L.A.
 FLORIDA NO. 6667355
 DATE:

SECTIONS

KIA Delray
 Hodgens Construction
 2255 S. FEDERAL HWY
 DELRAY BEACH, FL

DIXIE
 LANDSCAPE

12950 Northwest 113 Ct.
 Miami, FL 33178
 P. 305-884-5700 F. 305-884-8843

Date 07.11.25

Scale 1/4" = 1'-0"

Drawn EH, JC

Check DV

Sheet

LA-3
 Of 3 Sheets

Irrigation Notes

LAYOUT

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

FLAG ALL SPRINKLER HEAD LOCATIONS. ADJUST LOCATION AND MAKE THE NECESSARY MODIFICATIONS TO NOZZLE TYPES ETC. AS REQUIRED TO INSURE 100% COVERAGE AND 50% OVERLAP.

LOW ANGLE TRAJECTORY NOZZLES SHALL BE USED WHEN ALL SPRINKLERS AND ROTORS ARE LOCATED WITHIN 100' OF POOLS OR PUBLIC GATHERING AREAS.

PIPE

PIPE LOCATIONS SHOWN ON PLAN ARE SCHEMATIC ONLY AND SHALL BE ADJUSTED IN THE FIELD. WHEN LAYING-OUT MAINS AND LATERALS, LOCATE PIPE NEAR EDGES OF PAVEMENT OR AGAINST BUILDINGS WHEREVER POSSIBLE TO ALLOW SPACE FOR PLANT ROOT BALLS.

PIPING UNDER HARDSCAPES SUCH AS ROADS, WALKS, AND PATIOS ARE TO BE SLEEVED USING SCH. 40 PIPE.

ALL PIPES TO BE IN ACCORDANCE WITH APPENDIX F OF THE 2017 FLORIDA BUILDING CODE.

PIPES 4" AND UNDER TO BE SOLVENT WELD. LARGER PIPES TO BE GASKETED 'O' RING PIPES AND USE THRUST BLOCKS OR MEGA LUGS AND DUCTILE IRON FITTINGS AT TURNING LOCATIONS.

*SIZE ALL PIPE SO NOT TO EXCEED 5" PER SECOND
*INSTALL RAIN SENSOR AS PER LOCAL CODE

PIPES CONVEYING RECLAIM WATER SHALL HAVE A 3' HORIZONTAL DISTANCE SEPARATION FROM OTHER PIPING OR UTILITY SERVICES. AN 18" VERTICAL SEPARATION SHALL BE MAINTAINED WHEN APPLICABLE.

AIR RELEASE VALVES TO BE USED AT THE END OF ALL MAINLINE RUNS.

WIRES

LOW VOLTAGE WIRE TO BE INSTALLED ALONG MAINLINE INSTALLATION. USE 2" SCH. 40 PVC WITH SWEEP ELBOWS AT TURNING LOCATIONS WHEN SLEEVING IS REQUIRED. ALL SPLICES SHALL BE ENCLOSED WITHIN A VALVE/SPLICE BOX.

WIRE SIZED AND COLORED AS FOLLOWS:
#12 WHITE FOR COMMON
#12 SPARE BLACK COMMON (1 SPARE NEEDED PER 10 HOT WIRES)
#14 RED HOT WIRES
#14 SPARE YELLOW HOT WIRE (1 SPARES NEEDED PER 10 HOT WIRES, 3 SPARE MINIMUM)

WHEN WIRE RUNS EXCEEDS 3,500 LINEAR FEET, USE #10 FOR COMMON WIRES AND #12 FOR HOT/SPARE WIRES.

ALL IRRIGATION CONTROLLERS TO BE PROPERLY GROUNDED IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS.

FLUSHING

PRIOR TO PLACEMENT OF HEADS FLUSH ALL LINES UNTIL LINES ARE COMPLETELY CLEAN OF DEBRIS.

TRENCHING

TRENCH BOTTOM TO BE UNIFORM AND FREE OF DEBRIS. NATIVE EXCAVATED MATERIAL USED TO BACKFILL TRENCH SHALL BE FREE FROM ROCKS OR STONES LARGER THAN 1" IN DIAMETER.

MISC.

PRESSURE TEST MAINLINE AS PER FLORIDA BUILDING CODE. INSTALL IRRIGATION SYSTEM AS PER LATEST EDITION OF THE FLORIDA BUILDING CODE, APPENDIX F., AND ALL PERTINENT LOCAL CODES.

SPRAY HEADS INSTALLED IN SHRUB AREAS TO BE 12 INCH POP-UPS OR INSTALLED ON RISERS.

DESIGN

THIS DESIGN IS DIAGRAMMATIC. ALL IRRIGATION EQUIPMENT SUCH AS PIPES, VALVES, , ETC., SHOWN WITHIN PERVIOUS AREAS ARE FOR DESIGN CLARIFICATION ONLY. THE IRRIGATION CONTRACTOR SHALL INSTALL IRRIGATION EQUIPMENT IN PLANTING AREAS WHEREVER POSSIBLE.

THE IRRIGATION CONTRACTOR IS RESPONSIBLE TO FAMILIARIZE THEMSELVES WITH THE SCOPE OF WORK, INCLUDING BUT NOT LIMITED TO GRADE DIFFERENCES, LOCATION OF WALLS, STRUCTURES, UTILITIES AND EXISTING IRRIGATION EQUIPMENT. THE IRRIGATION CONTRACTOR IS RESPONSIBLE SHALL REPAIR AND/OR REPLACE ANY DAMAGE CREATED BY THEIR WORK. THEY SHALL COORDINATE HIS WORK WITH OTHER CONTRACTOR OR MUNICIPAL AUTHORITIES FOR THE LOCATION AND INSTALLATION OF IRRIGATION EQUIPMENT UNDER ROADWAYS AND PAVING, SLEEVES THROUGH WALLS AND FLOORS, ETC.

INSTALL ALL IRRIGATION EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS. SUBSTITUTIONS FOR IRRIGATION EQUIPMENT TO BE APPROVED BY THE IRRIGATION DESIGNER. EQUIPMENT CHANGES TO INCLUDE BUT NOT LIMITED TO PUMP, CONTROLLER, SPRAY HEADS, ROTORS, AND VALVES.

DO NOT INSTALL IRRIGATION EQUIPMENT AS SHOWN ON THE DRAWINGS WHEN FIELD CONDITIONS DIFFER. OBSTRUCTIONS OR DIFFERENCES TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR TO ASSUME FULL RESPONSIBILITY.

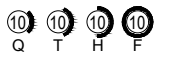
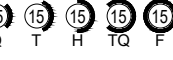
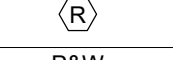
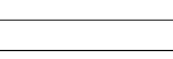
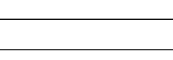
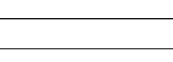
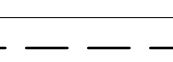
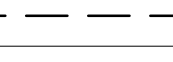
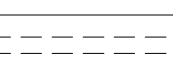
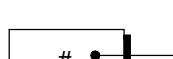
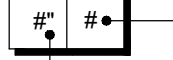
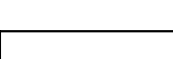
ELECTRIC

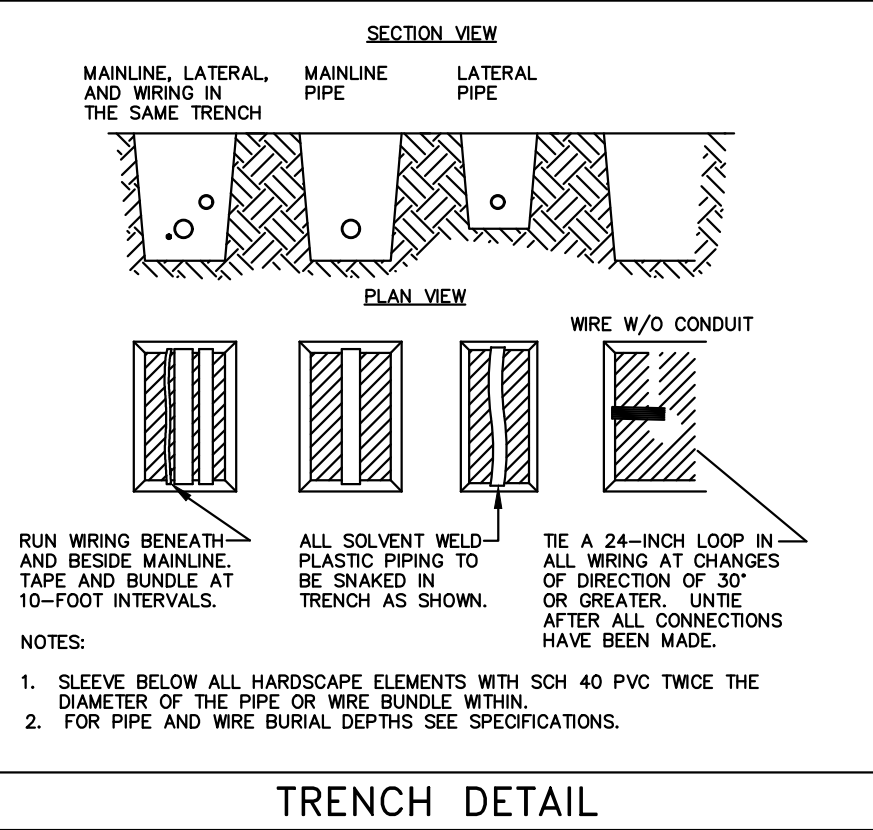
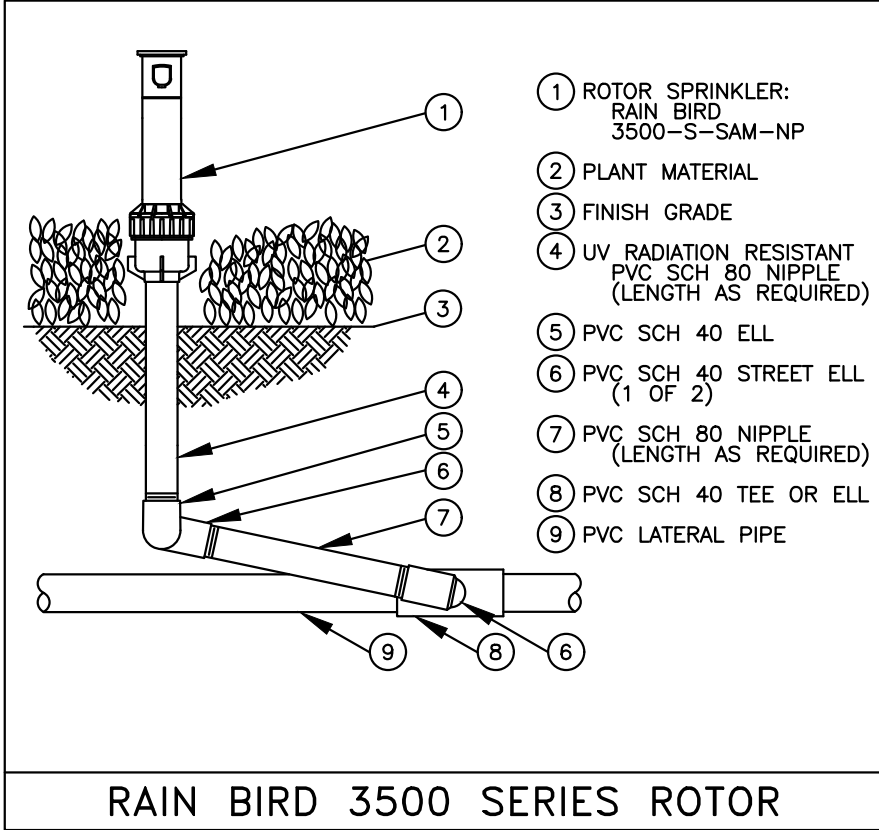
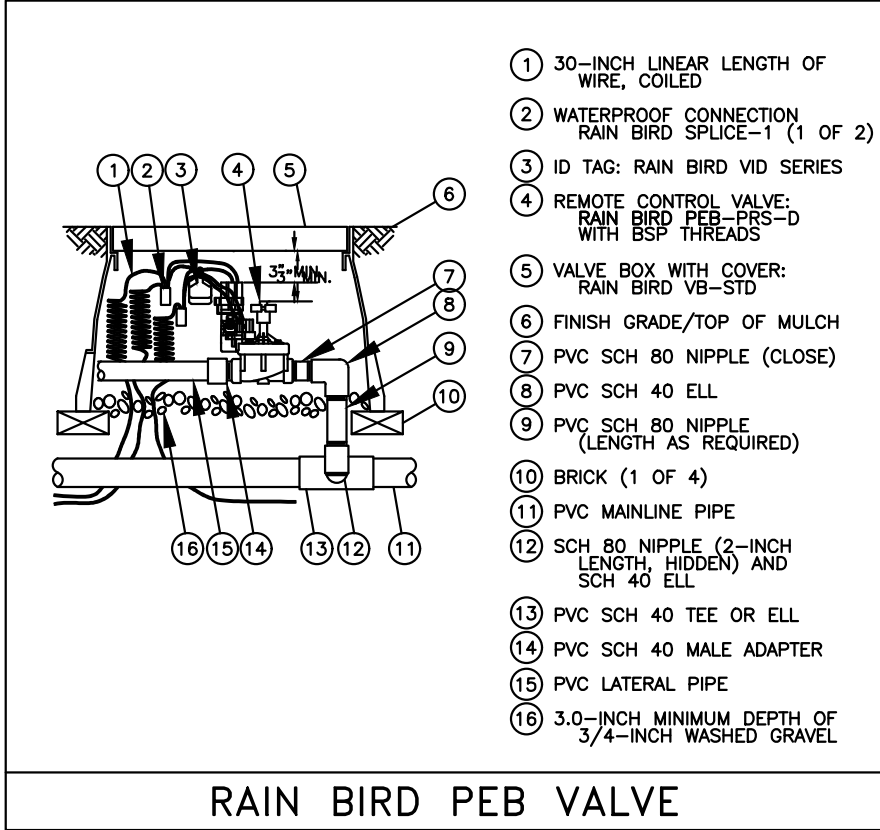
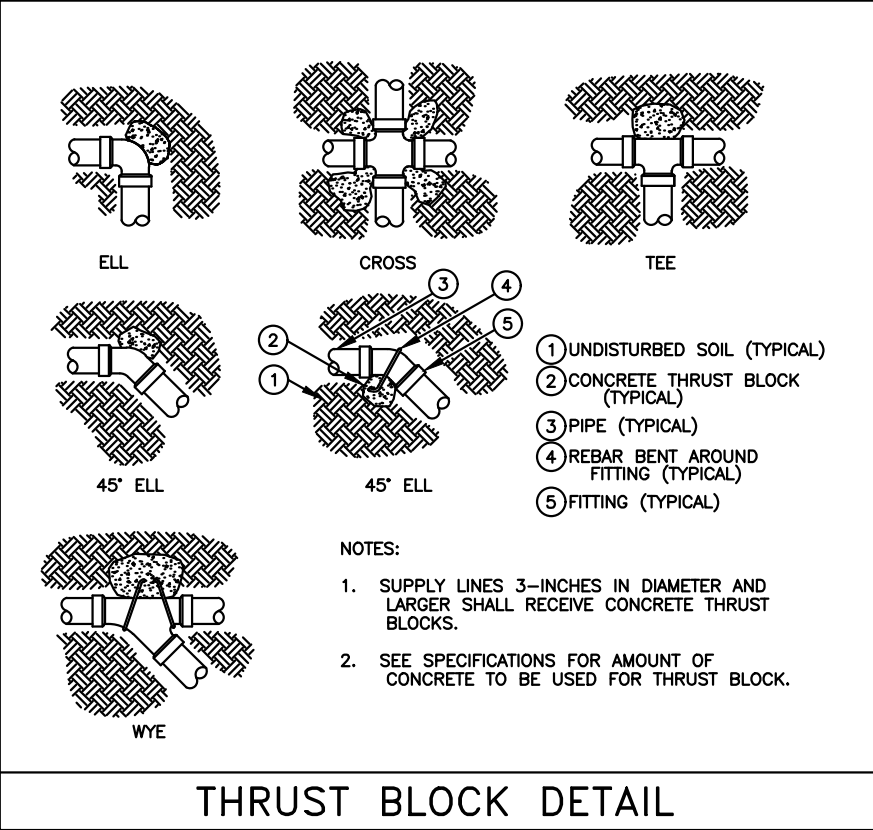
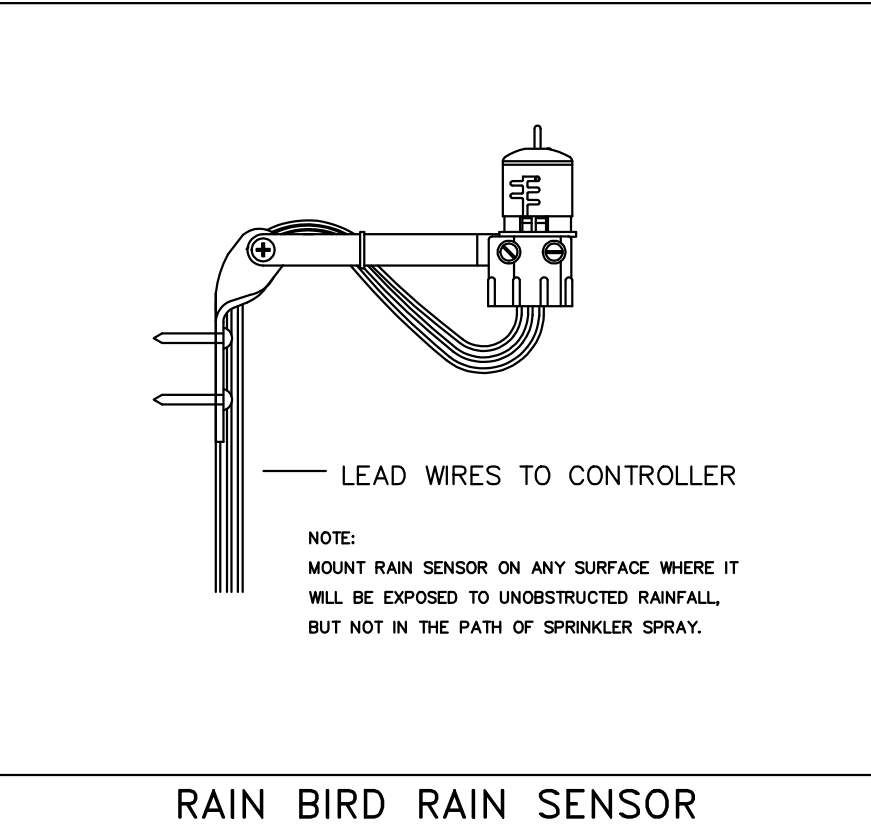
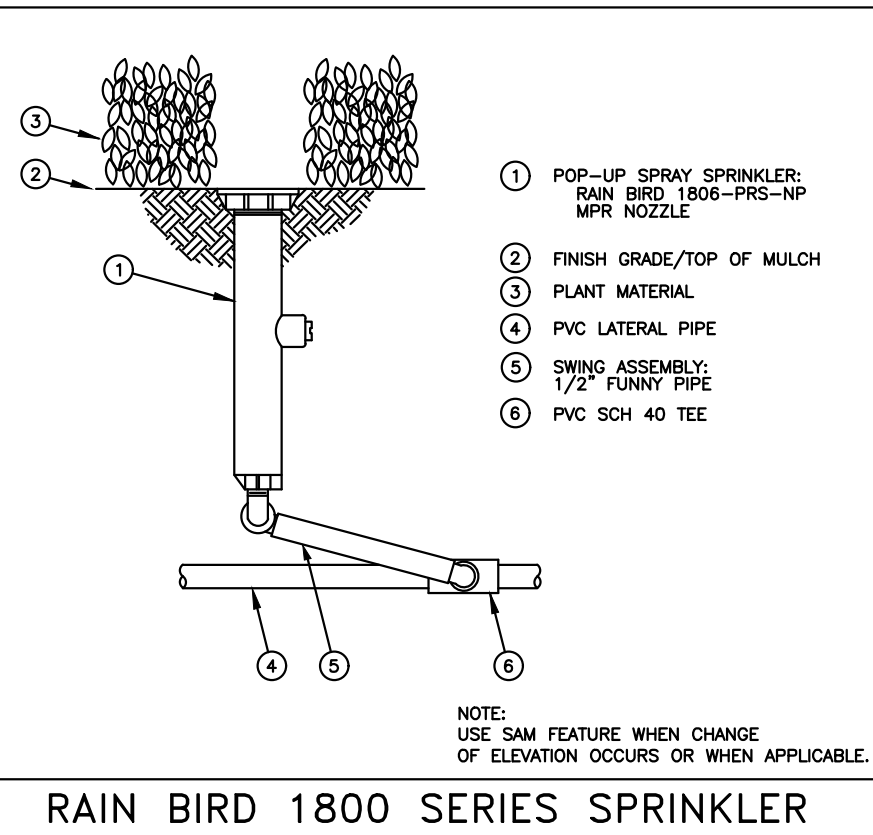
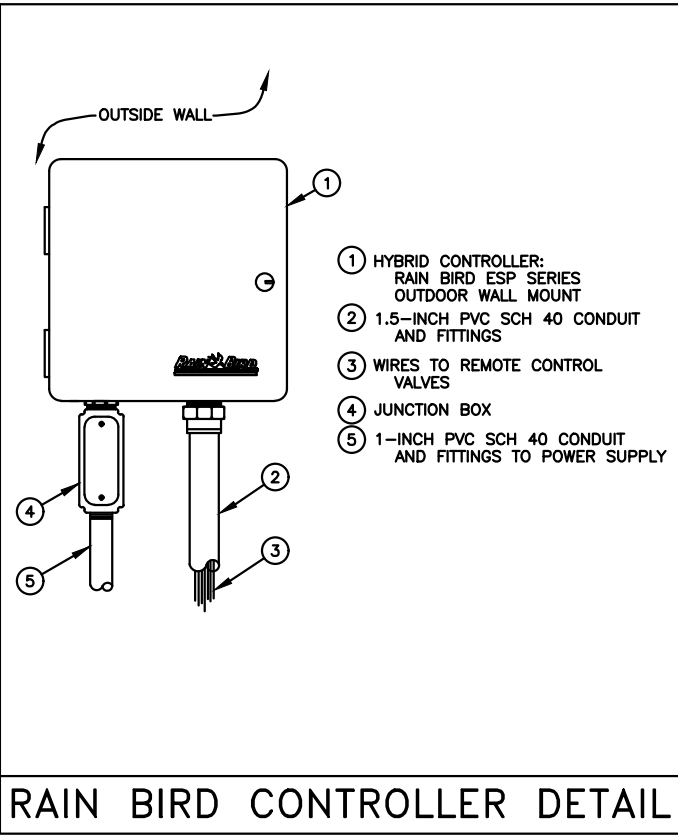
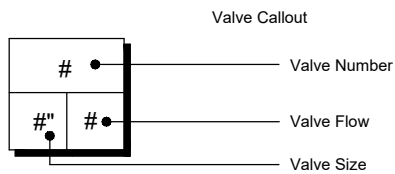
ELECTRIC SERVICE TO BE, IN ORDER OF PREFERENCE: 460V 3-PHASE, 230V CLOSED-DELTA 3-PHASE, 230 OPEN-DELTA 3-PHASE, 208 WYE 3-PHASE, 230 1-PHASE, 208V 1-PHASE.

POWER TO BE PROVIDED TO THE CONTROLLER BY ELECTRICIAN.

NOTE

PER F.B.C. APPENDIX F A BACKFLOW PREVENTING DEVICE SHALL BE INSTALLED ON THE DISCHARGE SIDE OF THE PUMP

IRRIGATION SCHEDULE					
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI		
	Rain Bird 1806 15 Strip Series Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	63	30		
	Rain Bird 1806 5 Series MPR Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	1	30		
	Rain Bird 1806 8 Series MPR Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	65	30		
	Rain Bird 1806 10 Series MPR Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	30	30		
	Rain Bird 1806 12 Series MPR Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	15	30		
	Rain Bird 1806 15 Series MPR Shrub Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	122	30		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS
	Rain Bird 3504-PC 1.0 Turf Rotor, 4in. Pop-Up, Adjustable and Full Circle.	4	55	1.18	22'
	Rain Bird 3504-PC 1.5 Turf Rotor, 4in. Pop-Up, Adjustable and Full Circle.	11	55	1.65	24'
	Rain Bird 3504-PC 2.0 Turf Rotor, 4in. Pop-Up, Adjustable and Full Circle.	19	55	2.15	28'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
	Rain Bird PEB 1" 1in., 1-1/2in., 2in., 3in. Plastic Industrial Remote Control Valve. Low Flow Operating Capability, Globe Configuration.	2			
	Rain Bird PEB 1-1/2" 1in., 1-1/2in., 2in., 3in. Plastic Industrial Remote Control Valve. Low Flow Operating Capability, Globe Configuration.	10			
	Rain Bird ESP4ME3 with (3) ESP-SM3 13 Station, Hybrid Modular Outdoor Controller. For Residential or Light Commercial Use. LNK WIFI Module and Flow Sensor Ready.	1			
	Rain Bird RSD-BEX Rain Sensor, with metal latching bracket, extension wire.	1			
	Pump & Well Starlite 2.5 HP Pump with Rust Inhibitor & 2" Well	1			
	Irrigation Lateral Line: PVC Class 160 SDR 26 3/4"	2,868 lf			
	Irrigation Lateral Line: PVC Class 160 SDR 26 1"	943.7 lf			
	Irrigation Lateral Line: PVC Class 160 SDR 26 1 1/4"	663.9 lf			
	Irrigation Lateral Line: PVC Class 160 SDR 26 1 1/2"	202.6 lf			
	Irrigation Lateral Line: PVC Class 160 SDR 26 2"	94.9 lf			
	Irrigation Mainline: PVC Schedule 40 1 1/4"	503.7 lf			
	Irrigation Mainline: PVC Schedule 40 1 1/2"	628.4 lf			
	Irrigation Mainline: PVC Schedule 40 2"	326.2 lf			
	Pipe Sleeve: PVC Schedule 40 2"	384.8 lf			
	Pipe Sleeve: PVC Schedule 40 3"	88.9 lf			



REVISIONS

LICENSED PROFESSIONAL

DIEGO J. VANDERBRIEST, R.I.A.
FLORIDA NO. 6667355

DATE:

IRRIGATION DETAILS

KIA Delray

Hodgens Construction

2055 S. FEDERAL HWY

DELRAY BEACH, FL



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Miami, FL 33178
P. 305-884-5700 F. 305-884-8843

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Date 07.11.25

Scale N/A

Drawn EH

Check EH

Sheet

IR-2

Of 2 Sheets