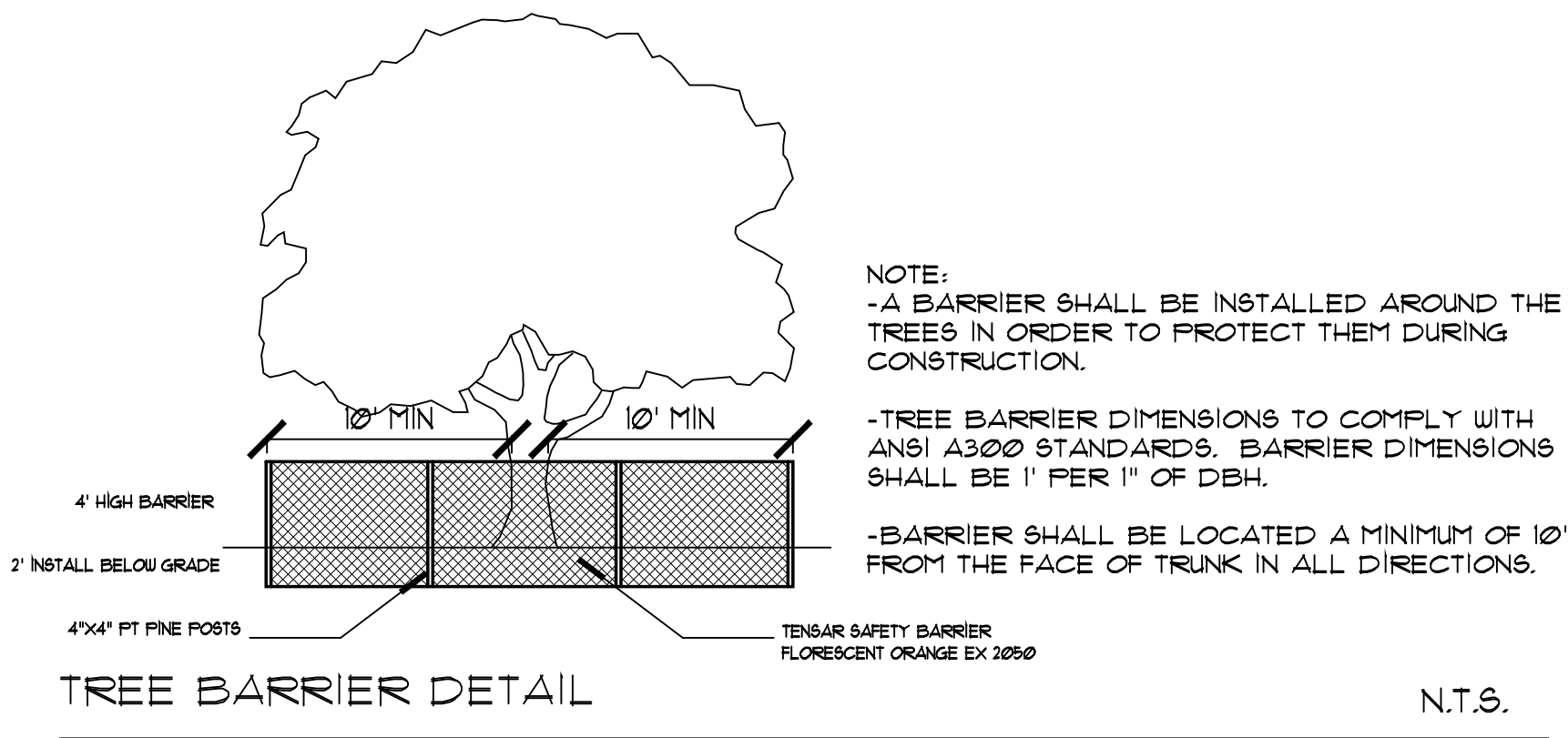


LEGEND

- # 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 <small>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.</small> | Date 07.11.25 Scale 1"=20'-0" Drawn EH, JC Check DV Sheet TD-1 Of 2 Sheets |



TREE BARRIER DETAIL

N.T.S.

| 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

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 NTS

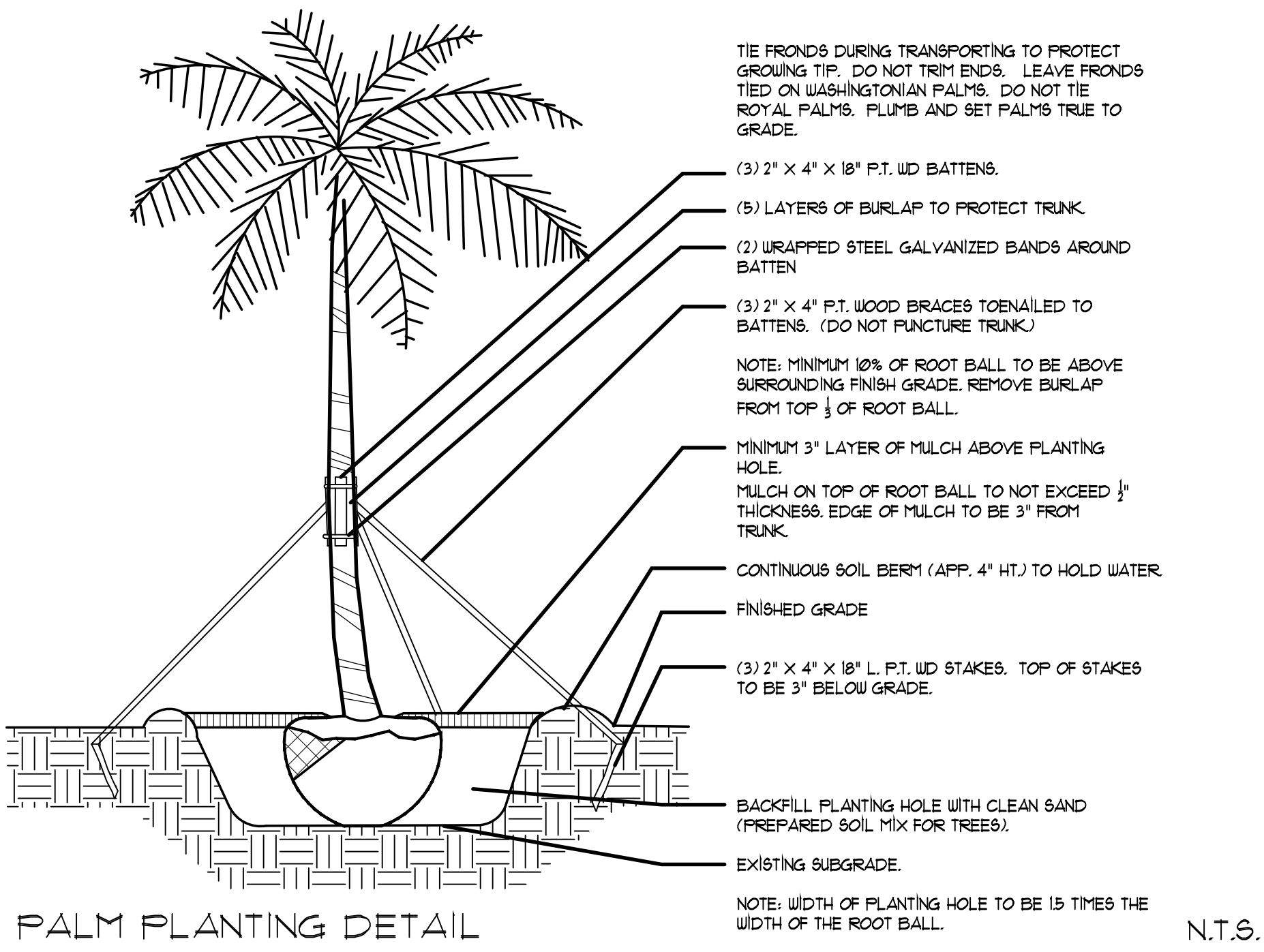
Drawn EH, JC

Check DV

Sheet

TD-2

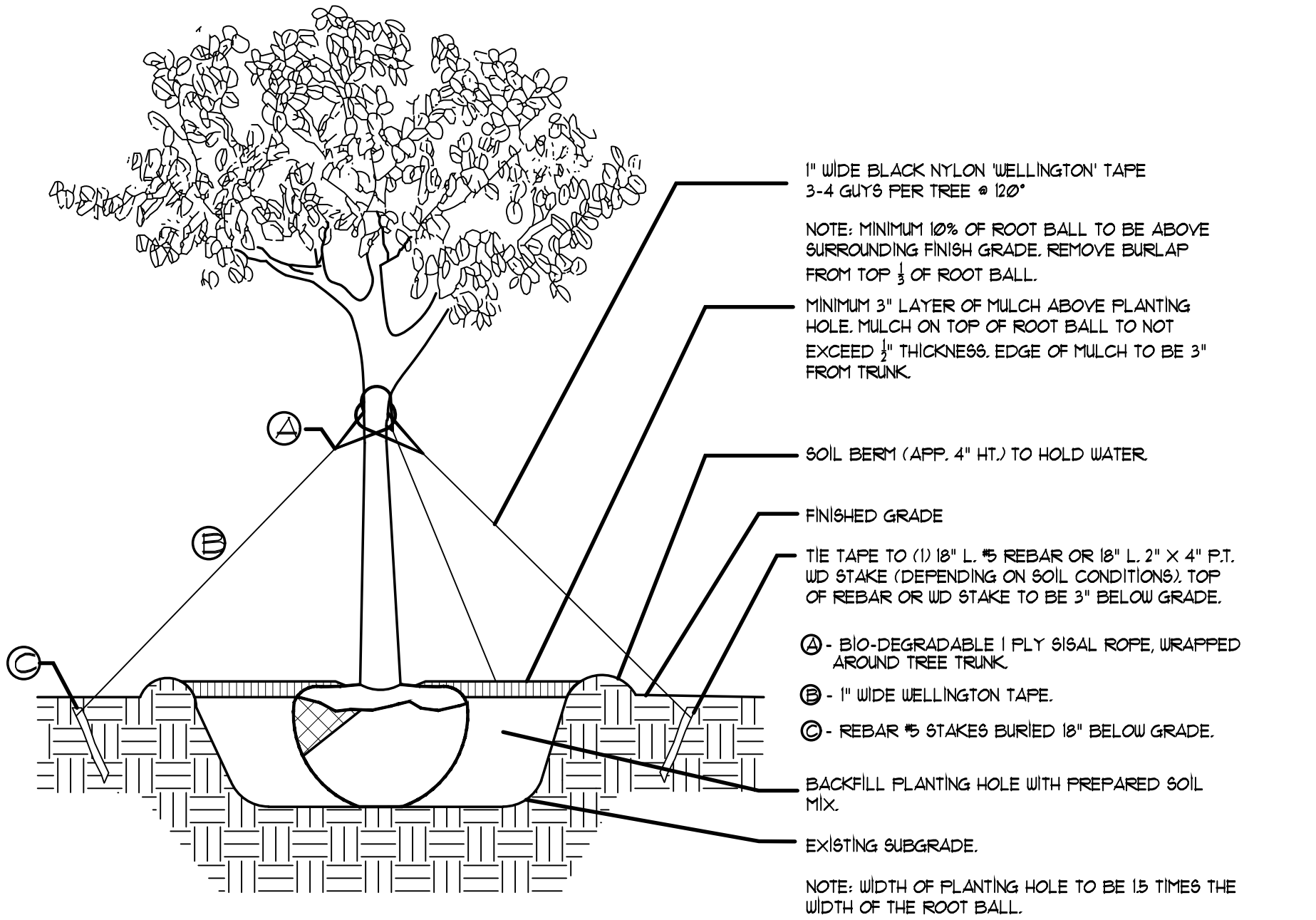
Of 2 Sheets



PALM PLANTING DETAIL

LARGE TREE PLANTING DETAIL SIMILAR

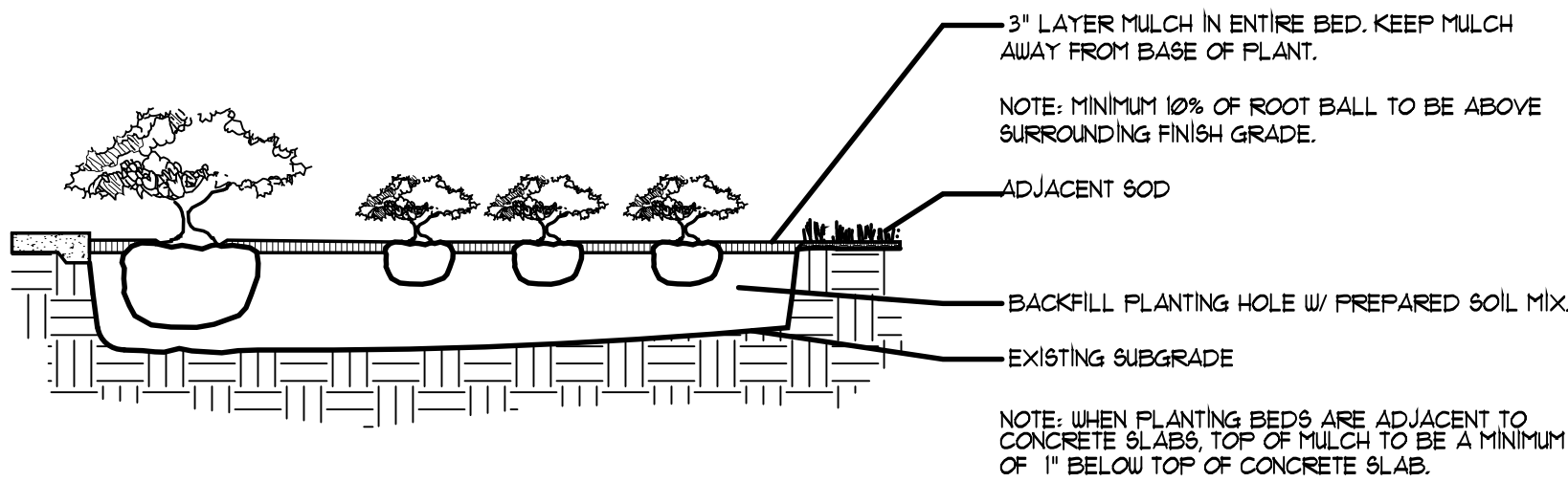
N.T.S.



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. |

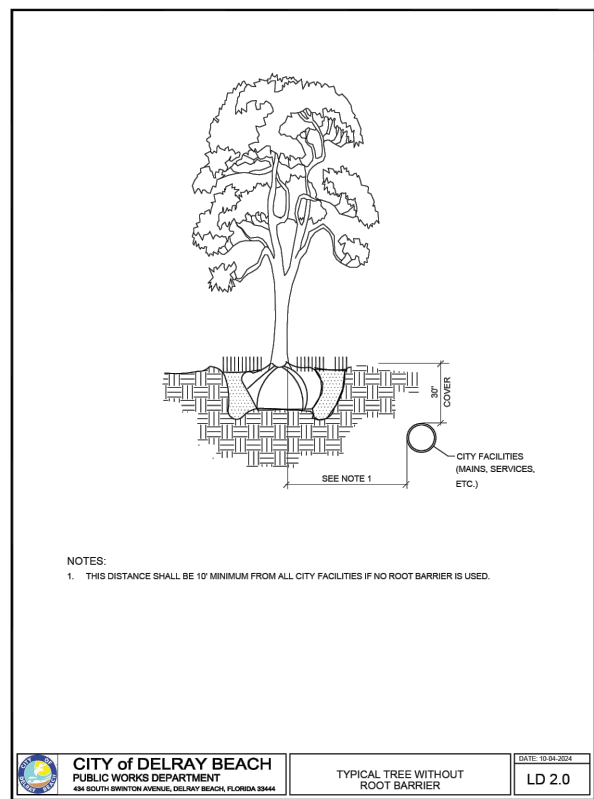
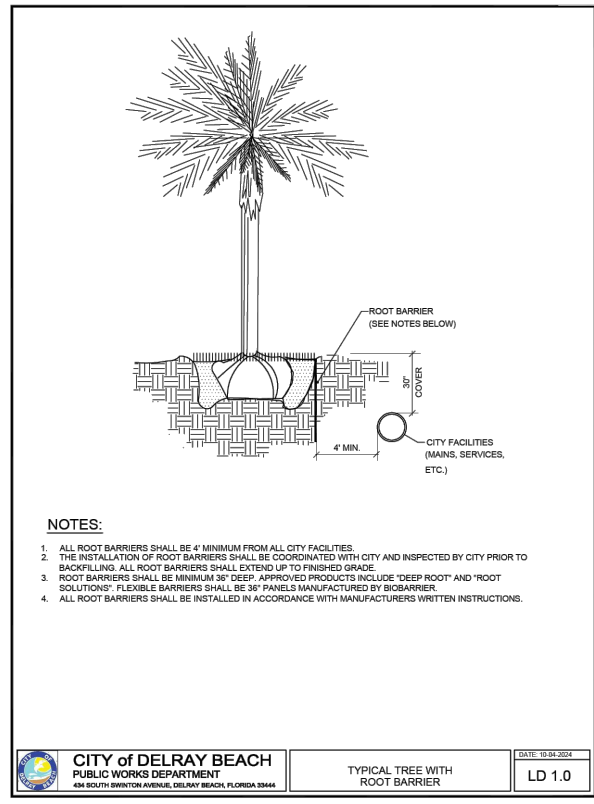
* Denotes Native species

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
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 form without the express written consent of Dixie Landscape Co., Inc.

Date 07.11.25

Scale NTS

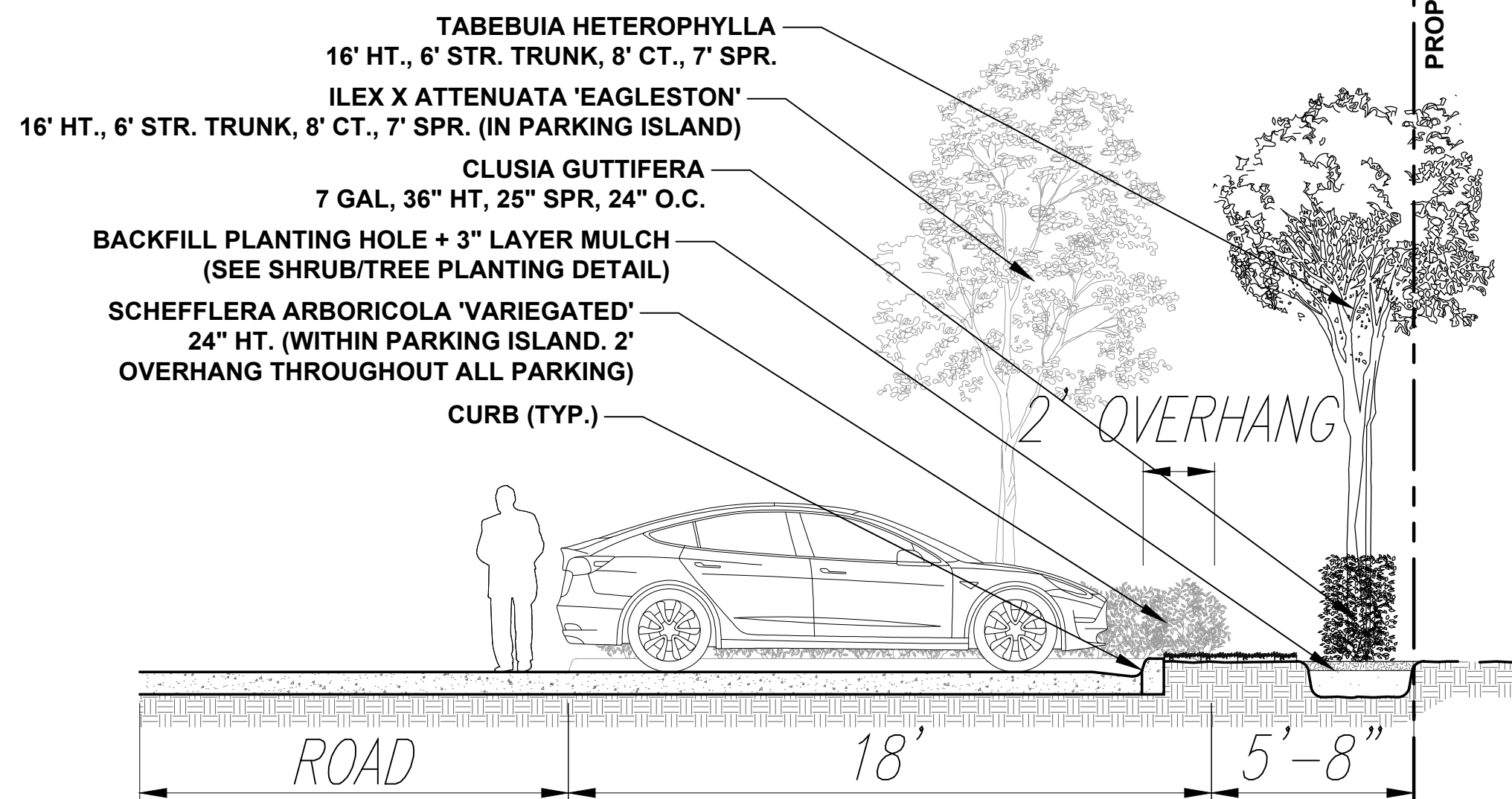
Drawn EH, JC

Check DV

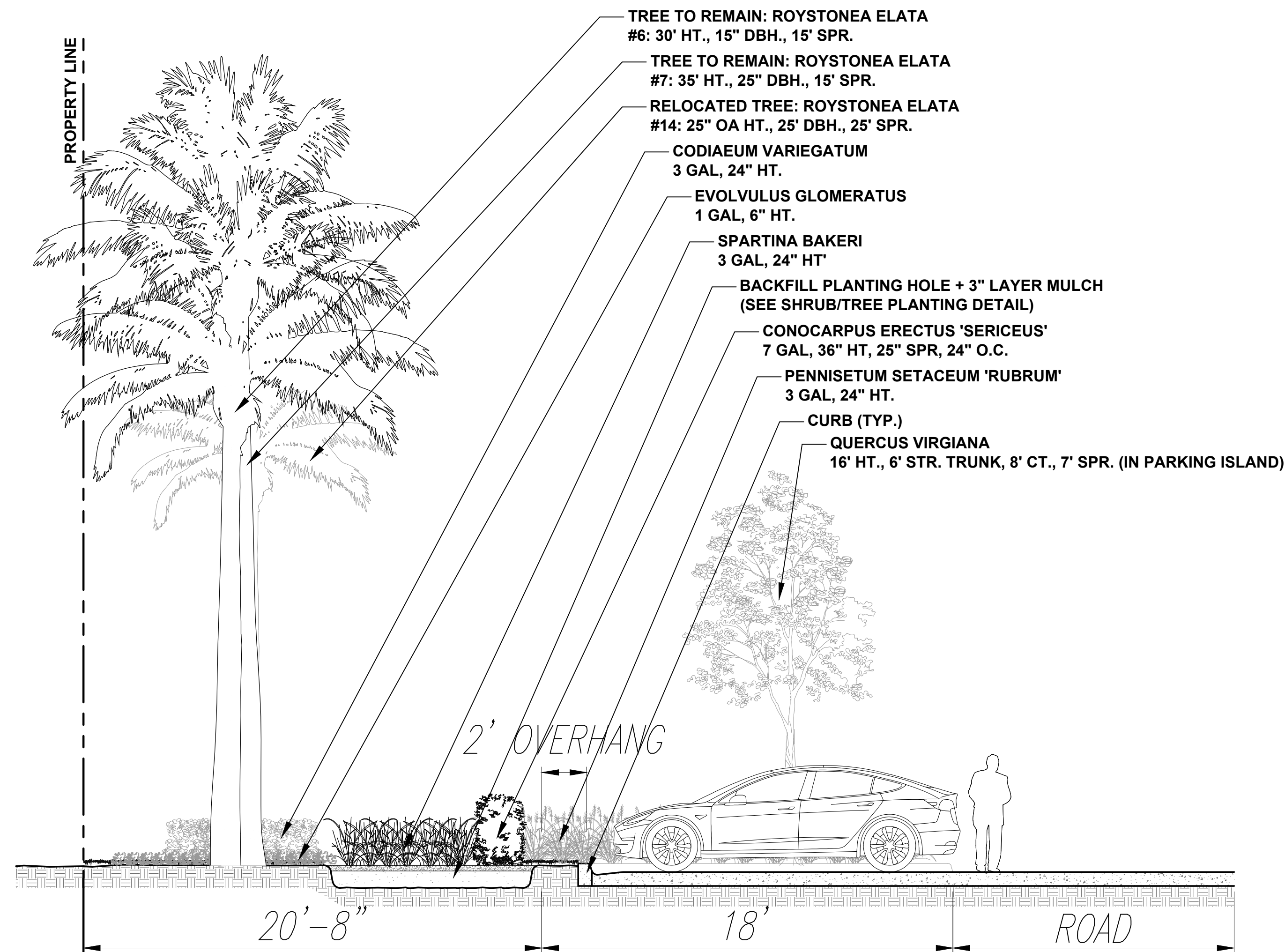
Sheet

LA-2

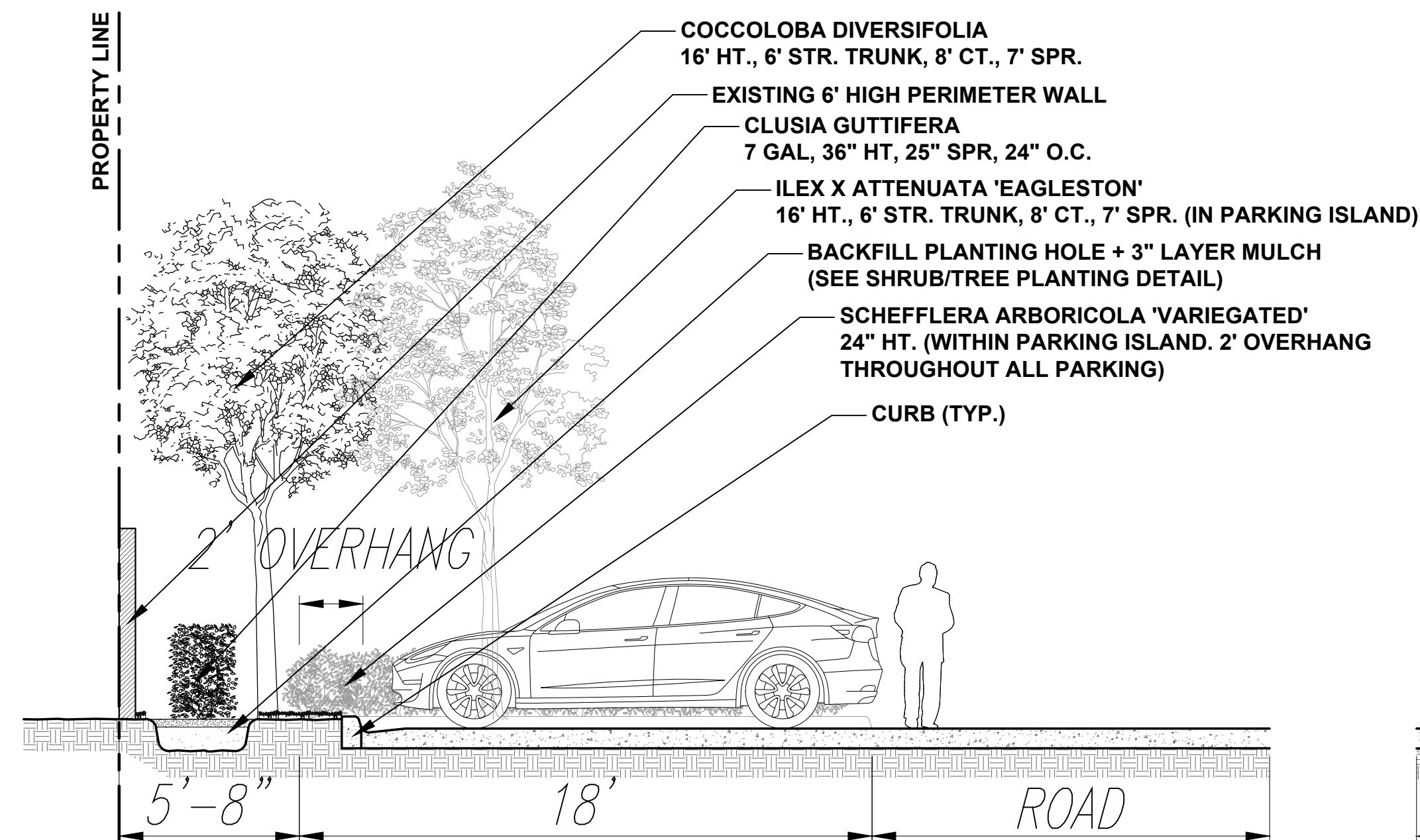
Of 3 Sheets



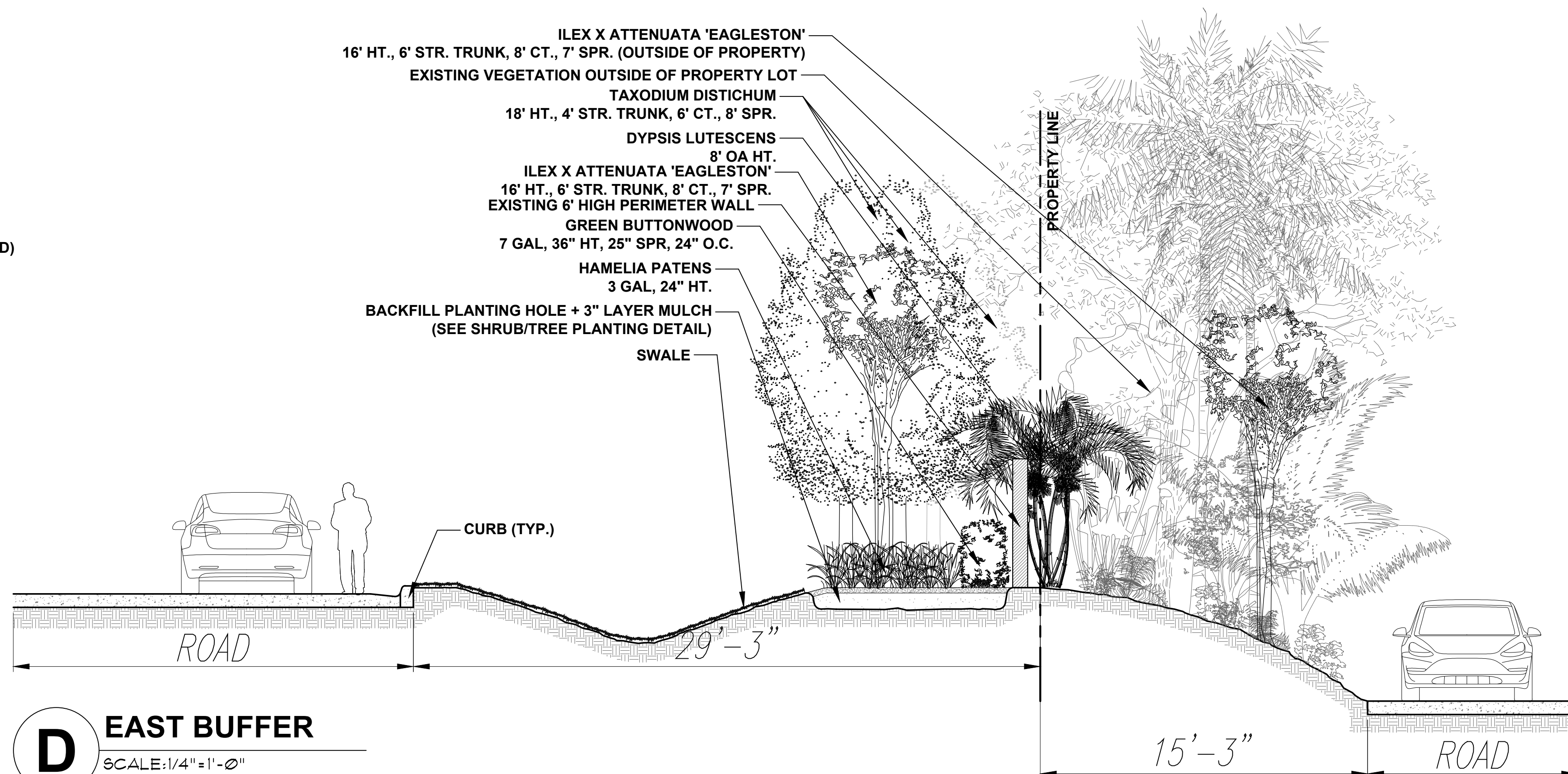
A NORTH BUFFER
SCALE: 1/4" = 1'-0"



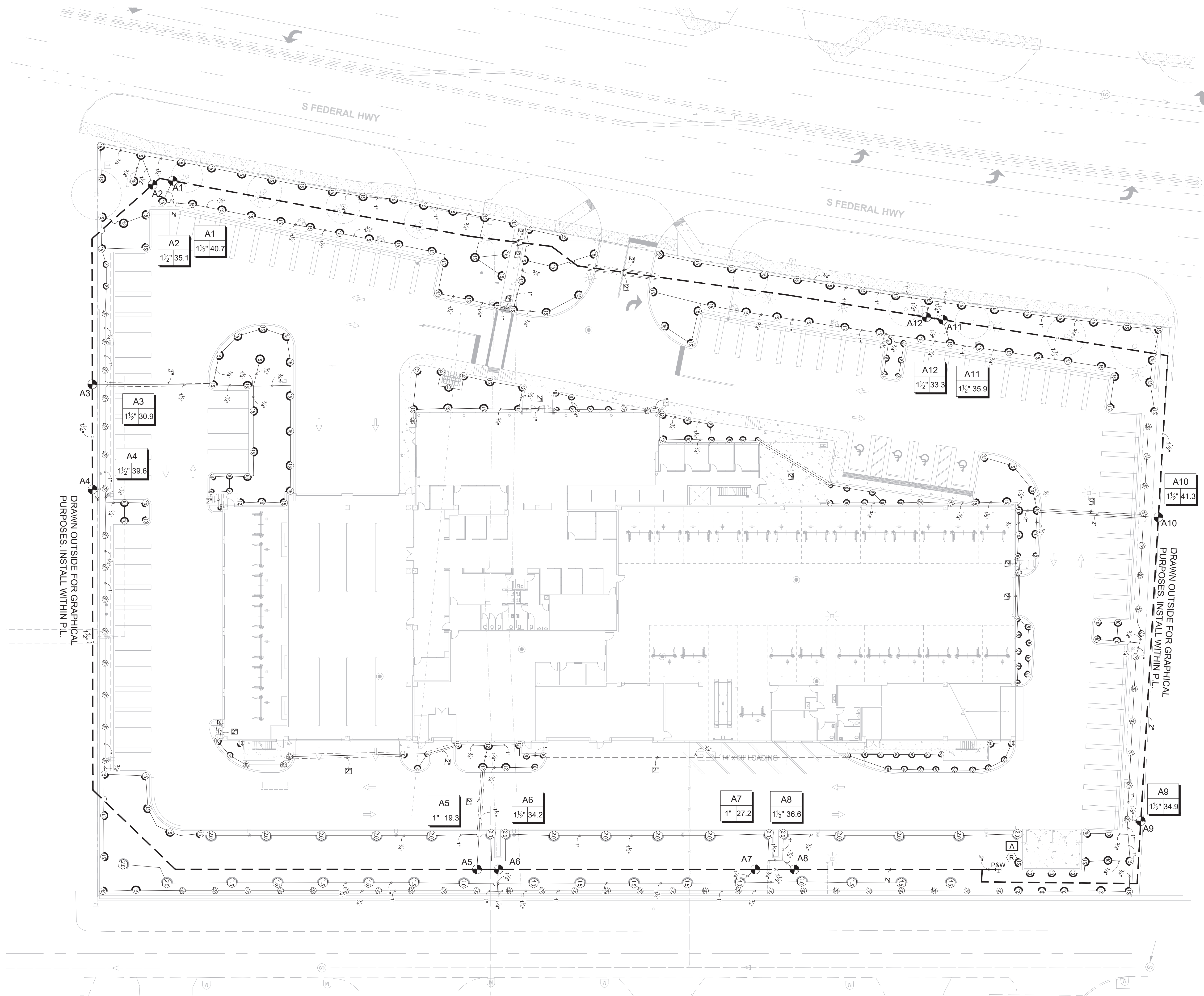
B WEST BUFFER
SCALE: 1/4" = 1'-0"



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



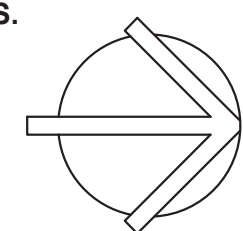
D EAST BUFFER
SCALE: 1/4" = 1'-0"




DRAWN OUTSIDE FOR GRAPHICAL PURPOSES. INSTALL WITHIN P.L.

DRAWN OUTSIDE FOR GRAPHICAL PURPOSES. INSTALL WITHIN P.L.

MAINLINE LOCATION, WHERE SHOWN, IS FOR GRAPHIC CLARITY PURPOSES ONLY. INSTALL AT THE BACK OF CURB, FRONT OF WALK, BACK OF WALK, OR ADJACENT TO OTHER HARDSCAPES TO FACILITATE FUTURE LOCATION AND TO PROTECT FROM DAMAGE. ENSURE MAINLINE IS INSTALLED ACCORDING TO THE IRRIGATION SPECIFICATIONS AND DETAILS.



| | |
|--|--|
| REVISIONS | |
| Diego Vanderbiest Digitally signed by Diego Vanderbiest Date: 2025.08.29 12:49:53 -04'00' FLORIDA NO. 6667355 DATE | |
| IRRIGATION PLAN | |
| KIA Delray Hodgens Construction 2055 S. FEDERAL HWY DELRAY BEACH, FL | |
|  12950 Northwest 113 Ct. Miami, FL 33178 P. 305-884-5700 F. 305-884-8843 | <small>This drawing is the property of Dixie Landscapes Co., Inc. and is to be used for the project and site only. It is not to be reproduced, copied, or in part without the express written permission of Dixie Landscapes Co., Inc.</small> |
| Date 07.11.25 | |
| Scale 1"=20'-0" | |
| Drawn EH | |
| Check EH | |
| Sheet | |
| IR-1 | |
| Of 2 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.


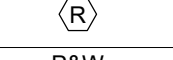
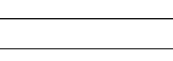
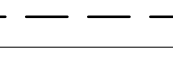
ELECTRIC

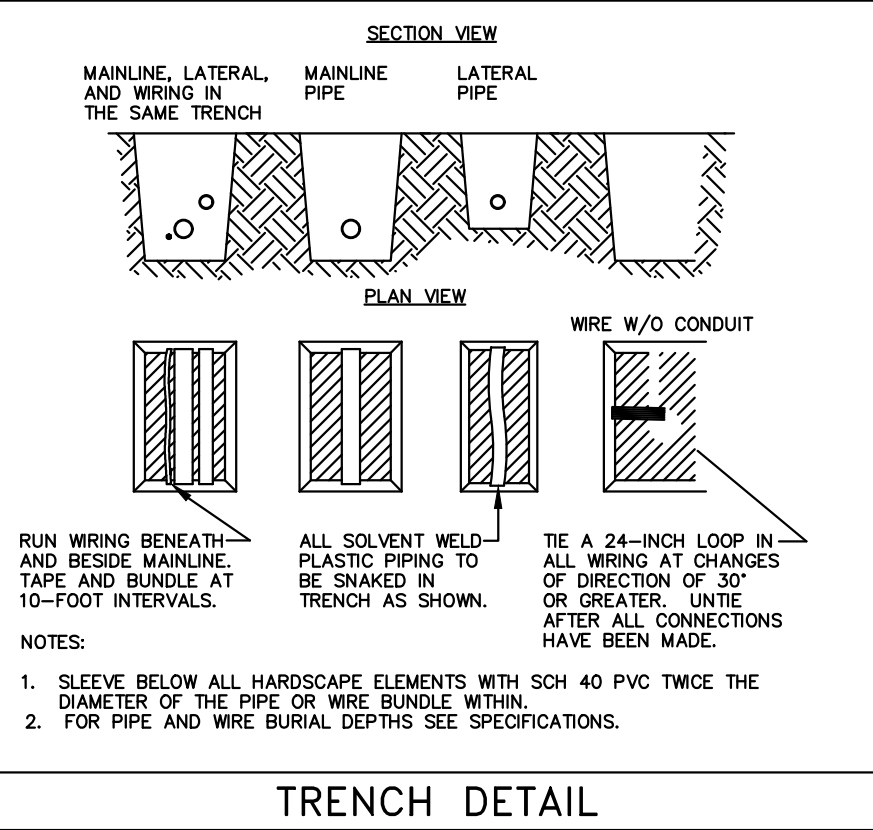
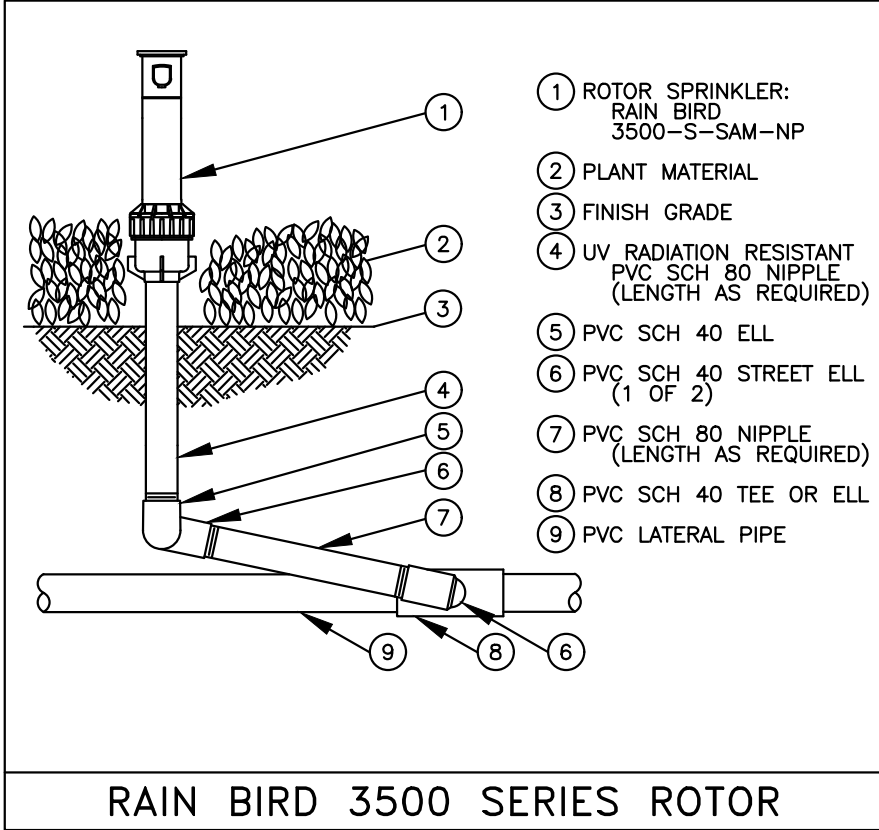
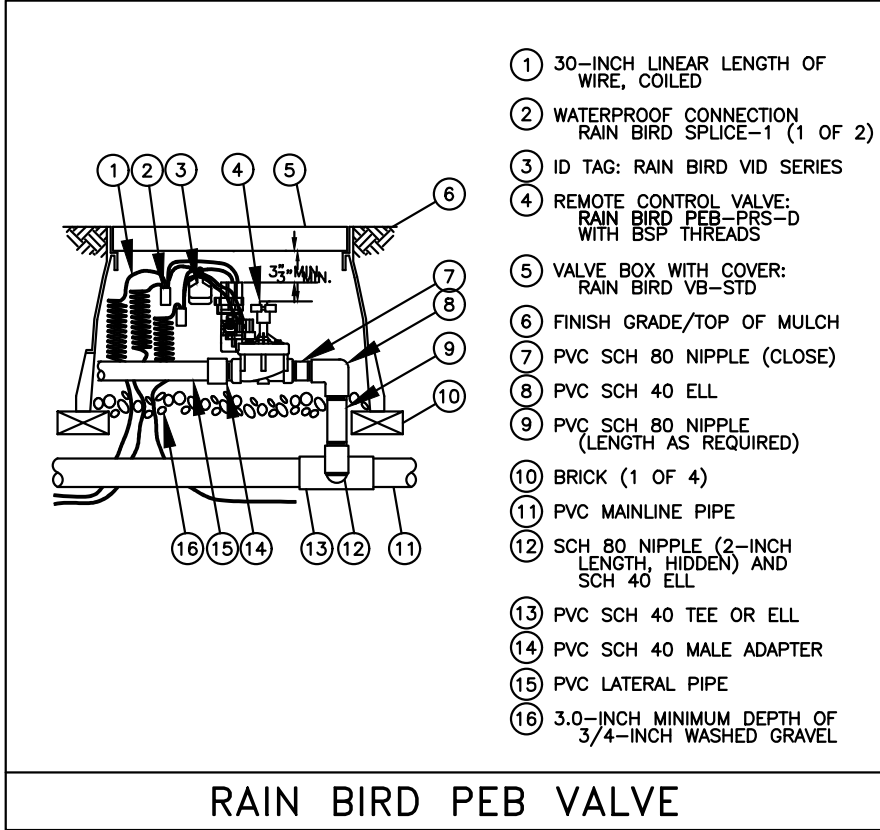
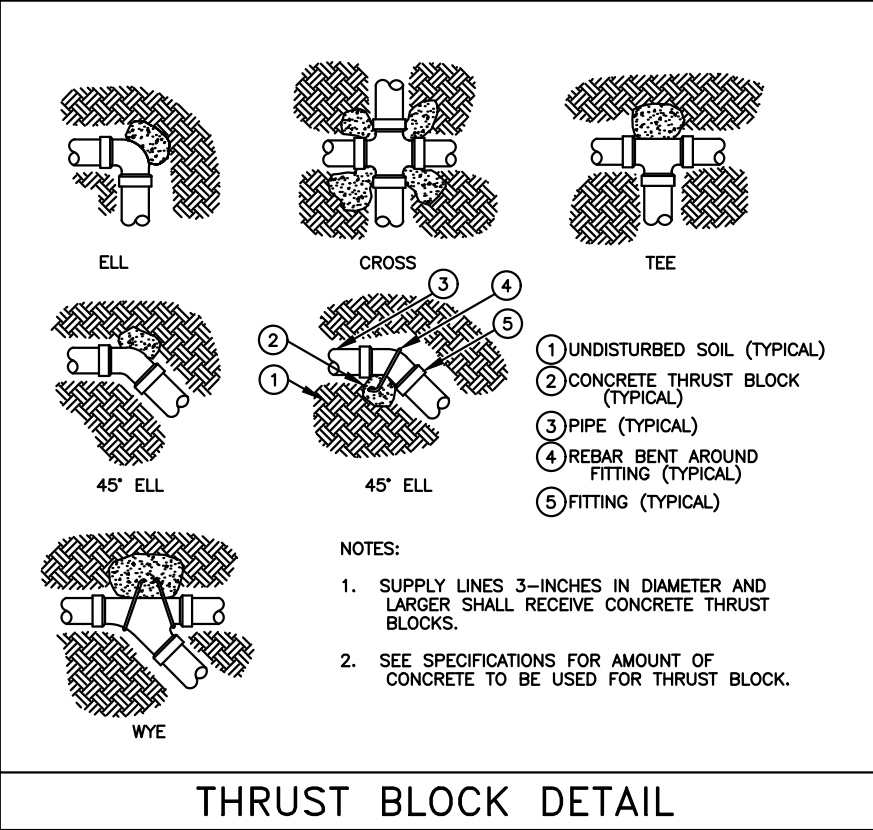
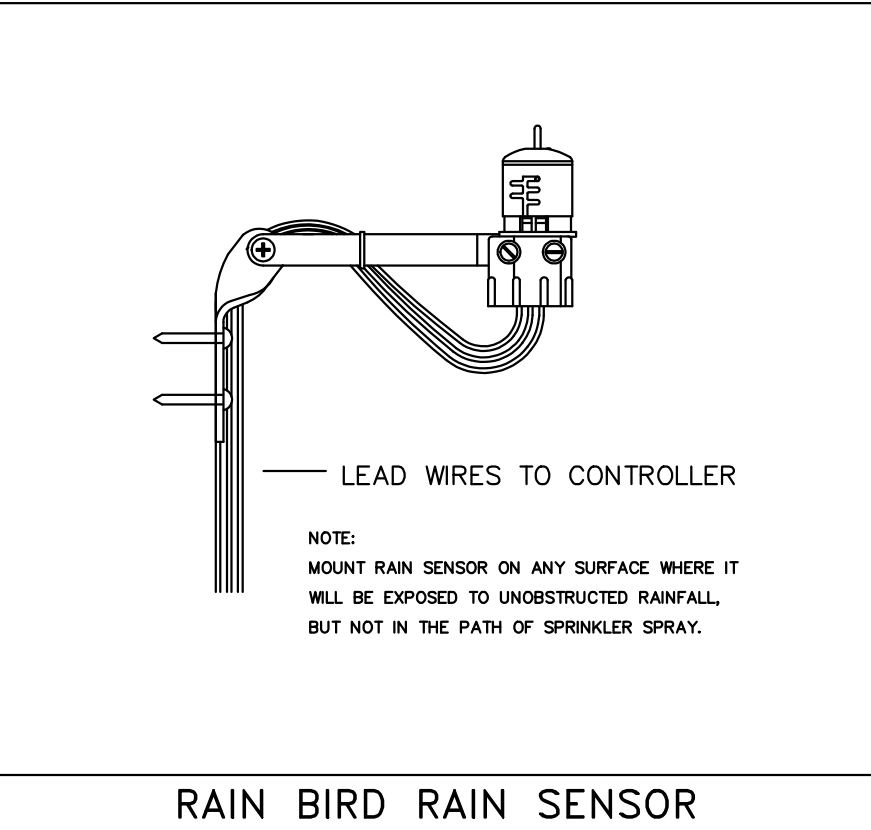
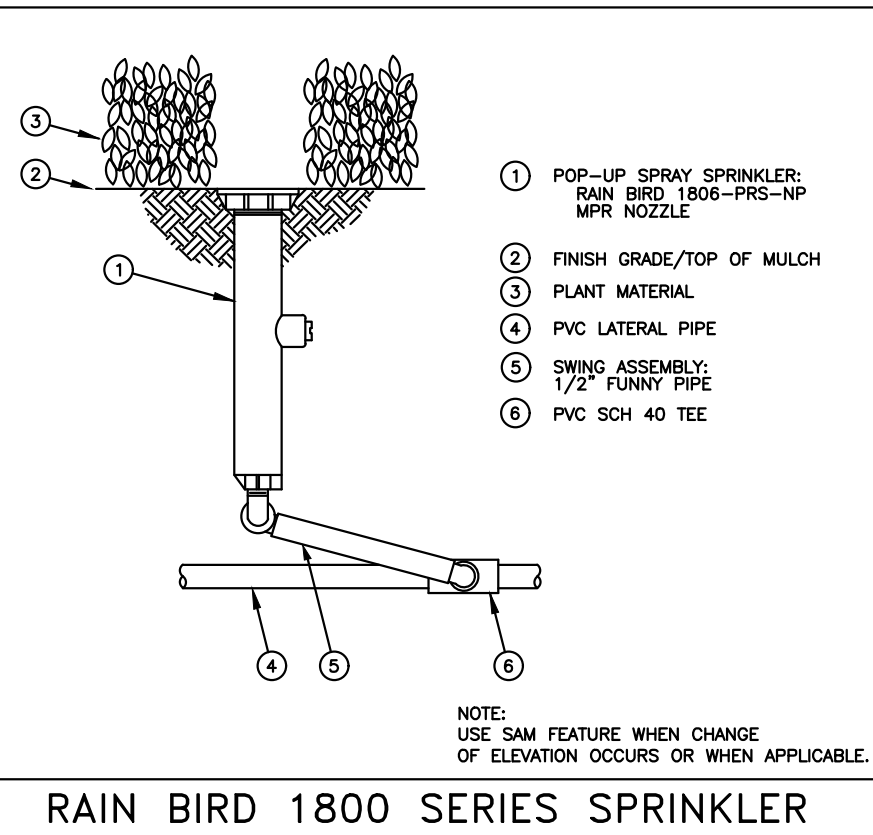
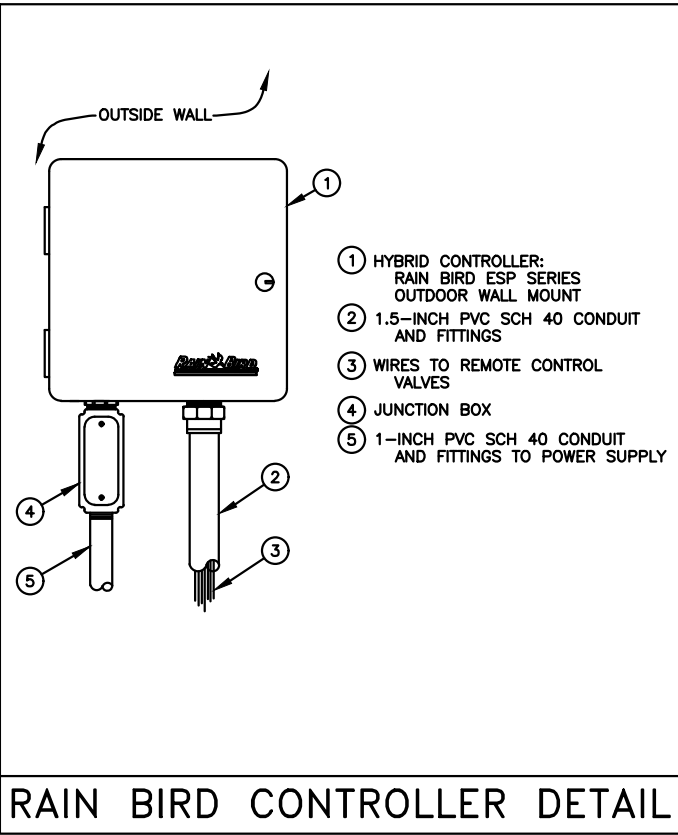
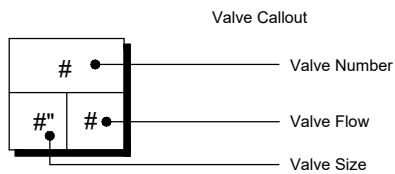
ELECTRIC SERVICE TO BE, IN ORDER OF PREFERENCE: 460V 3-PHASE, 230V CLOSED-DELTA 3-PHASE, 230 OPEN-DELTA 3-PHASE, 208 WYE 3-PHASE, 230 1-PHASE, 208V 1-PHASE.

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 Stanlie 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 | | | |



REVISONS

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



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. It is to be used in whole or in part without the express written permission of Dixie.

Date 07.11.25

Scale N/A

Drawn EH

Check EH

Sheet

IR-2

Of 2 Sheets