



CITY OF TAMPA

CONDITIONS

Permit Number : ROW-24-0001256

Approved Date : 8/6/2024

Any questions? Contact the ROW
Permitting Section at (813) 274-3104
Monday through Friday
between 8:00am - 4:30pm.

Work Description : **Permitted for Grady Ave section **
Project work is limited within the Drew Park Community redevelopment Area (CRA), within the right of way, along for Grady Ave (W Crest Ave to W Dr. Martin Luther King Jr Blvd). Work along corridor will include trees/landscaping replacement, maintenance, relocation of landscape, irrigation redesign, and species modification.

Applicant : Nicholas Bennett Community Redevelopment Agency

Workflow Status : Approved with Conditions

Project Location : COT Parks & Rec/CRA - N Grady Ave (W Crest Ave - W Dr Martin Luther King Jr Blvd)

Project Description, Location, Schedule:

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue

MOT Setup: Continuous

Work Location (Street Name) : N Grady Ave

Between (Street Names) : W Cayuga St & W Osborne Ave

Work Start Date : 09/16/2024

Work End Date : 09/16/2025

Work Start Time : 8:00 AM

Work End Time : 5:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue

MOT Setup: Continuous

Work Location (Street Name) : N Grady Ave

Between (Street Names) : W South Ave & W Crest Ave

Work Start Date : 09/16/2024

Work End Date : 09/16/2025

Work Start Time : 8:00 AM

Work End Time : 5:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue

MOT Setup: Continuous

Work Location (Street Name) : N Grady Ave

Between (Street Names) : W Osborne Ave & W South Ave

Work Start Date : 09/16/2024

Work End Date : 09/16/2025

Work Start Time : 8:00 AM

Work End Time : 5:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue**MOT Setup:** Continuous**Work Location (Street Name) :** N Grady Ave**Between (Street Names) :** W Alva St & W Cayuga St**Work Start Date :** 09/16/2024**Work End Date :** 09/16/2025**Work Start Time :** 8:00 AM**Work End Time :** 5:00 PM**Type of Work :** Sidewalk Closure for Maintenance or Repair or Safety Issue**MOT Setup:** Continuous**Work Location (Street Name) :** N Grady Ave**Between (Street Names) :** W Dr Martin Luther King Jr Blvd & W Alva St**Work Start Date :** 09/16/2024**Work End Date :** 09/16/2025**Work Start Time :** 8:00 AM**Work End Time :** 5:00 PM**Type of Work :** No Roadway Crossings with Open Trench greater than 10 Feet**MOT Setup:** Continuous**Work Location (Street Name) :** N Grady Ave**Between (Street Names) :** W South Ave & W Crest Ave**Work Start Date :** 09/16/2024**Work End Date :** 09/16/2025**Work Start Time :** 8:00 AM**Work End Time :** 5:00 PM**Type of Work :** Lane Closure Fee for All NonCollectors and Arterials**MOT Setup:** Continuous**Work Location (Street Name) :** N Grady Ave**Between (Street Names) :** W South Ave & W Crest Ave**Work Start Date :** 09/16/2024**Work End Date :** 09/16/2025**Work Start Time :** 8:00 AM**Work End Time :** 5:00 PM**Type of Work :** Lane Closure Fee for All NonCollectors and Arterials**MOT Setup:** Continuous**Work Location (Street Name) :** N Grady Ave**Between (Street Names) :** W Osborne Ave & W South Ave**Work Start Date :** 09/16/2024**Work End Date :** 09/16/2025**Work Start Time :** 8:00 AM**Work End Time :** 5:00 PM**Type of Work :** No Roadway Crossings with Open Trench greater than 10 Feet**MOT Setup:** Continuous**Work Location (Street Name) :** N Grady Ave**Between (Street Names) :** W Osborne Ave & W South Ave**Work Start Date :** 09/16/2024**Work End Date :** 09/16/2025**Work Start Time :** 8:00 AM**Work End Time :** 5:00 PM

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Reviewing Agencies Comment(s) :**Natural Resources Review : Approved : 07-30-2024****Stormwater Review : Approved with Conditions : 08-02-2024**

Please maintain the minimum clearances as stated below:

Horizontal Clearance (parallel):

- Minimum 3 foot clearance to all pipes and structures (outside wall).

Vertical Clearance (crossing):

- Minimum 36 inch clearance to all pipes 36" and larger.
- Minimum 18 inch clearance for smaller pipes.

Utilities are not allowed to bore underneath any stormwater structures, such as manholes, inlets, large box culverts & pump stations.

Protect existing stormwater facilities, maintain positive drainage and follow BMP requirements.

Wastewater Review : Approved : 07-22-2024

The City of Tampa Wastewater Department has facilities in the vicinity of the project area ; there are multiple wastewater mains of various sizes, types and locations, see attached 'Wastewater Document' for details.

The contractor(s) shall field locate existing wastewater facilities before beginning construction.

- Utilize 811 no dig services before beginning work.
- Request as-built drawings, if required, from wastewater_utilitynotify@tampagov.net

Water Review : Approved with Conditions : 07-23-2024

Approved with the following conditions/comments:

- Tampa Water Department has utilities in the area. Please use 811 no dig services before beginning work. Request as-builts, if required, from watermapsandasbuits@tampagov.net before beginning work.
- Field locate existing water main and maintain 3 foot horizontal and 3 foot vertical distance.
- This ROW approval does not guarantee your proposed work does not conflict with our facilities .
- Any conflicts will be the financial responsibility of the owner . In the event a conflict is found, please contact the Tampa Water Department Planning section to determine the necessary steps to resolve . ROW approval does not authorize or approve your water utility construction plans.
- If water utilities are involved it is necessary for you to apply for water services through the Tampa Water Department Planning section.

Trans-Design Review : Approved with Conditions : 08-06-2024

1) Plan shows sidewalk going thru driveway aprons at multiple locations (i.e. STA 10+80 thru STA 11+4). All Sidewalk (including thru driveways and aprons) shall be ADA compliant and shall be saw cut to delineate the sidewalk thru the sidewalk.

2) sidewalks should be adjusted in locations where offset thru the driveways (i.e. STA 25+40) shall be saw cut to provide longitudinal guidance from one end of the driveway to the other. sidewalk thru driveways shall not be monolithic with the apron or driveway.

MOT-Enhanced Review : Approved with Conditions : 08-02-2024

- 1.No road closures are requested or authorized under this conditional approval. A min 10' wide travel lane must be maintained at all times. All work areas & channelization devices shall be set up/installed in accordance w/ 2024-2025 FDOT Design Manual Standards & approved MOT Plan
- 2.Please Do not close the sidewalk on both sides of any road at any time
- 3.Please Do not block any driveways and keep access to the property owners all the time
- 4.This permit is for work within COT-ROW only, for all service connections or where work area is required outside of the City right of way to perform the work, the contractor is responsible for securing permission from property owners where work area (equipment, materials, excavation, etc.) will encroach on private property. All such areas disturbed shall be restored to original condition to the satisfaction of the property owner.
- 5.Any concrete/brick sidewalks, paved roadways, & driveways damaged during the work shall be replaced to City of Tampa specifications/technical standards. For damage to a concrete sidewalk &/or driveway, the entire, affected concrete panel of such shall be replaced, pursuant to City of Tampa ROW restoration requirements. Materials used to achieve compliant restoration shall match those materials, in place, prior to commencement of the permit work (i.e. concrete, brick, color, etc.)
- 6.Any damaged utilities, water mains/service lines, storm, gas, structures, signs, poles, overhead wires, other underground conduit/facilities, etc. shall be repaired/replaced to satisfaction of governing utility company, government agency/authority, &/or City of Tampa
- 7.All disturbed grass/landscaped shoulder areas, within City right of way, shall be restored pursuant to City of Tampa ROW restoration requirements. Materials used to achieve compliant restoration shall match those materials, in existence prior to commencement of the permit work (i.e. turf, ground cover plants, etc.)
- 8.All work areas & channelization devices shall be set up/installed in accordance w/ 2024-2025 FDOT Design Manual Standards & approved MOT Plan.
- 9.Must notify adjacent property owners, property Mgrs, businesses, tenants impacted by the road/lane/sidewalk closure(s), 48 hr. before beginning work.

Risk Management Review : Approved : 07-25-2024**Trans-Street Light Review : No Comment : 07-22-2024****PLEASE NOTE:**

1. This CONDITIONS DOCUMENT has been created based on Tentative Work Start and End Date(s) for the proposed permit work/MOT within the public right-of-way. The FINAL Right of Way Permit Placard will be issued upon filing of the 48 Hour Work Start Notice with the Actual Work Start and End Date(s).
2. Permittees/Contractors MUST ADHERE to all conditions put forth from Reviewing Agencies related to this permit. These Agencies may also have uploaded Comments and Conditions on separate documents that can be found under "Attachments" on the Permit Record at www.aca.tampagov.net.
3. ALL Documents, including the 48 Hour Work Start Notice, Notice of Completion, Construction Plan(s), MOT Plan(s), and any other Permit Record related Documents MUST BE SUBMITTED through www.aca.tampagov.net. Please **log in** to your account, **select** the applicable Permit Record, and **upload** any required and/or requested documents accordingly.
4. ALL Inspections MUST BE SCHEDULED through www.aca.tampagov.net. Please **log in** to your account, **select** the applicable Permit Record, **select** Actions under Inspections, **click** Schedule next to the applicable Inspection, and **choose** the date and time frame for the Inspection accordingly.

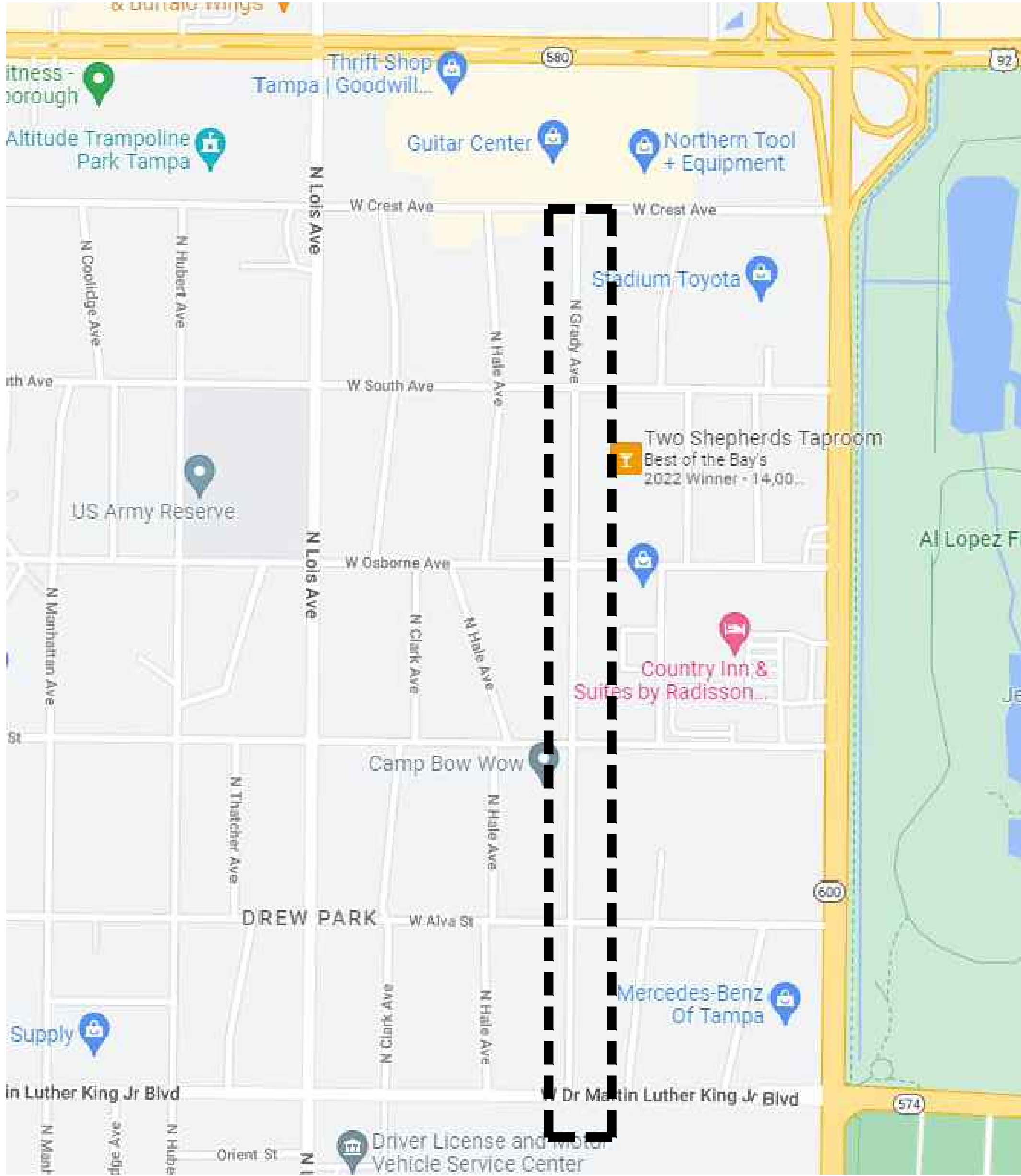
Mobility Department - Right of Way Permitting
306 E Jackson St, 4E
Tampa FL 33602
Phone (813) 274-3104
www.tampagov.net/permits



DREW PARK - GRADY AVENUE LANDSCAPE AND STREETScape AUDIT AND RECOMMENDATIONS

PROJECT LOCATION

Owner: City of Tampa, Drew Park CRA
Project Address: N Grady Avenue ROW from W Crest Ave
to W Dr. Martin Luther King Jr Blvd
Context Map: NTS North ↑



SHEET LIST

- L-100.G Cover Sheet
- L-200.G Demolition & Tree Removal Notes & Legend
- L-210.G Demolition & Tree Removal Plans
- L-300.G Landscape Notes, Legend, & Schedules
- L-310.G Landscape Plans
- L-350.G Landscape Details

Attachments 1) Tree Evaluation Report; and 2) Tree Table

ABBREVIATIONS

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
APPROX	APPROXIMATELY	HB	HOSE BIB	S	SOUTH
BOT	BOTTOM	HDB	HEADERBOARD	S.A.D.	SEE ARCHITECTS DRAWINGS
BW	BOTTOM OF WALL	HORIZ.	HORIZONTAL	SF	SQUARE FEET
C.I.P.	CAST IN PLACE	HP	HIGH POINT	SPEC	SPECIFICATIONS
C.L.	CENTERLINE	LA	LANDSCAPE ARCHITECT	SPECS	SPECIFICATIONS
CLR.	CLEARANCE	LOC.	LOCATED	S.S.	STAINLESS STEEL
CONC.	CONCRETE	LP	LOW POINT	REQ	REQUIRED
CONST.	CONSTRUCTION	MIN.	MINIMUM	R.P.T.	RADIUS POINT
DEG	DEGREES	MAX.	MAXIMUM	SCH	SCHEDULE
DG	DECOMPOSED GRANITE	N.	NORTH	STD	STANDARD
DIA.	DIAMETER	NTS	NOT TO SCALE	STL	STEEL
E.	EAST	O.C.	ON CENTER	TW	TOP OF WALL
EA.	EACH	PERF.	PERFORATED	T.S.	TOP OF STAIR
EL.	ELEVATION	P.L.	PROPERTY LINE	TYP.	TYPICAL
(E)	EXISTING	P.O.B.	POINT OF BEGINNING	VERT.	VERTICAL
FG	FINISHED GRADE	PREP	PREPARED	W	WEST
FIN.	FINISHED	P.O.C.	POINT OF CONNECTION	W/	WITH
F.O.W.	FACE OF WALL	P.V.C.	POLYVINYL CHLORIDE	W/O	WITHOUT
GALV.	GALVANIZED	R.	RADIUS	MEP	MECHANICAL, ELECTRICAL & PLUMBING
		REINF.	REINFORCED		
		R.E.	RIM ELEVATION		

GENERAL NOTES

DESIGN INTENT These Drawings represent the design to be implemented on the site. Contractor shall be responsible for contacting the Owner for any additional clarification or details necessary to accommodate site conditions.

COMPOSITE BASE SHEET & EXISTING SITE CONDITIONS The proposed improvements shown on these Drawings are superimposed on a base sheet. This base sheet is compiled from various AutoCAD files obtained by the City of Tampa and on-sight and Google Earth measurements from OJLA. The base sheet does not include exact existing site conditions and does not include a recent survey of the project area. All site work performed should be verified in the field before work commences. The Landscape Architect shall not be held liable for changes, inaccuracies, omissions or other errors on these documents. The composite base sheet is provided only as an aid, and the Contractor shall be responsible for reviewing these documents and incorporating/integrating all construction as required to accommodate same.

UTILITIES The site base sheet includes information regarding underground and aboveground utilities. However the exact location and delineation has not been confirmed with existing site conditions. The Contractor is cautioned that only excavation will reveal the types, extent, sizes, location and depths of such underground utilities. The Landscape Architect can assume no responsibility for the completeness or accuracy of delineation of such underground or aboveground utilities, nor for the existence of other buried objects or utilities which are not shown on these Drawings. The Contractor is hereby notified that prior to commencing construction, he is responsible for contacting the utility companies involved and requesting a visual verification of the locations of their underground facilities. The utility companies are members of the underground service alert (U.S.A) one-call program. Notification shall be 48 hours in advance of performing excavation work by calling the Sunshine 811 number or toll-free number 800-432-4770. Excavation is defined as being 6 or more inches in depth below the existing surface.

GRADY AVENUE TREE TABLE

TABLE 284.4.1-A: TREE RETENTION-MITIGATION EQUIVALENCY TABLES BY TREE TYPE [6]										
TYPE 1: TALL & WIDE	Trees Retained		# of trees	Retention Multiplier	Total Credits	Grand Trees Retained		# of trees	Equivalent # of 2.5" Cal Trees	Total Credits
	Diameter (inches) / Dripline (feet)					Grand tree(s)				
	5" to 10"					0				
	11" to 20"					0				
	21" to 25"					0				
	26" to <32"					0				
Subtotal		0	-12	0	Subtotal		0	0	0	
TYPE 2: TALL & NARROW	Trees Removed		# of trees	Replacement Multiplier	Total Debits	Grand Trees Removed		# of trees	Equivalent # of 2.5" Cal Trees	Total Debits
	Diameter (inches) / Dripline (feet)					Grand tree(s)				
	5" to 10"					0				
	11" to 20"					0				
	21" to 25"					0				
	26" to <32"					0				
Subtotal		0	4	0	Subtotal		0	0	0	
TYPE 3: TALL & NARROW	Trees Retained		# of trees	Retention Multiplier	Total Credits	Grand Trees Retained		# of trees	Equivalent # of 2.5" Cal Trees	Total Credits
	Diameter (inches) / Dripline (feet)					Grand tree(s)				
	5" to 17"					0				
	18" to 29"					0				
	30" to <32"					0				
	Subtotal					11	-3			
TYPE 4: TALL & WIDE/MULTI-STEM	Trees Removed		# of trees	Replacement Multiplier	Total Debits	Grand Trees Removed		# of trees	Equivalent # of 2.5" Cal Trees	Total Debits
	Diameter (inches) / Dripline (feet)					Grand tree(s)				
	5" to 17"					0				
	18" to 29"					0				
	30" to <32"					0				
	Subtotal					0	3			
TYPE 5: SHORT & WIDE/MULTI-STEM	Trees Retained		# of trees	Retention Multiplier	Total Credits	Grand Trees Retained		# of trees	Equivalent # of 2.5" Cal Trees	Total Credits
	Diameter (inches) / Dripline (feet)					Grand tree(s)				
	5" to 7"					0				
	8" to 17"					0				
	18" to 29"					0				
	30" to <32"					0				
Subtotal		0	-12	0	Subtotal		0	0	0	
TYPE 6: SHORT & WIDE/MULTI-STEM	Trees Removed		# of trees	Replacement Multiplier	Total Debits	Grand Trees Removed		# of trees	Equivalent # of 2.5" Cal Trees	Total Debits
	Diameter (inches) / Dripline (feet)					Grand tree(s)				
	5" to 7"					11				
	8" to 17"					0				
	18" to 29"					0				
	30" to <32"					0				
Subtotal		11	4	0	Subtotal		0	0	0	
PALMS	Trees Retained		# of trees	Retention Multiplier	Total Credits	Trees Removed		# of trees	Replacement Multiplier	Total Debits
	Palms with 6' clear trunk					Palms with 6' clear trunk				
	118					0				
Subtotal		118	1	118	Subtotal		0	1	0	
Palms: Total Mitigation Trees Required										0
NOTES:										
[1] All grand tree species calculated at "moderate" growth rate and using 10" caliper tree as standard 5-Year Parity (i.e. 154 SF replacement Crown Footprint per 2.5" caliper tree planted).										
[2] Species Rating is % standardized to mid-range of plant. SR ("Species Rating"): Rating denotes comparative value by species, based on suitability & performance as 'urban trees', using FL ISA's Tree Species Ratings (2016); recorded as PERCENT. If SR not available, use CR value (see Table 284.3.2-A City of Tampa Tree Matrix).										
[3] CR ("Condition Rating"): Rating using Tree Hazard Evaluation Method (Matheny and Clark 1994); recorded as a PERCENT (A=100%, B=90%, C=75%, D=40%, F=0%).										
[4] Refer to Table 284.4.1-A1 Rating below Species Rating.										
[5] Credit for grand tree retention is calculated in the same manner as debits.										
[6] All mitigation trees measuring less than 5" shall be factored into this table as a 5" tree.										
Reference: "ft" means "feet"; "in" means "inches"; "SF" means "square feet"; "cal" means "caliper."										

NOTES:
[1] All grand tree species calculated at "moderate" growth rate and using 10" caliper tree as standard 5-Year Parity (i.e. 154 SF replacement Crown Footprint per 2.5" caliper tree planted).
[2] Species Rating % standardized to mid-point of range. SR ["Species Rating"]: Rating denotes comparative value by species, based on suitability & performance as 'urban trees', using FL ISA's Tree Species Ratings (2016); recorded as PERCENT; if SR not available, use CR value (see Table 284.3.2-A City of Tampa Tree Matrix).
[3] CR ["Condition Rating"]: Rating using Tree Hazard Evaluation Method (Matheny and Clark 1994); recorded as a PERCENT ('A'=100%, 'B'=90%, 'C'=75%, 'D'=40%, 'F'=0%).
[4] Refer to Table 284.4.1-A1 Range of Species Ratings below.
[5] Credit for grand tree retention is calculated in the same manner as debits.
[6] All mitigation trees measuring less than 5" shall be factored into this table as a 5" tree.
Reference: "ft" means "feet;" "in" means "inches;" "SF" means "square feet;" "cal" means "caliper."

PROPOSED TREES

(TREE SCHEDULE ON LANDSCAPE PLANS)

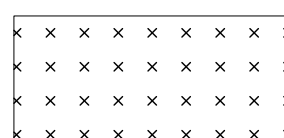
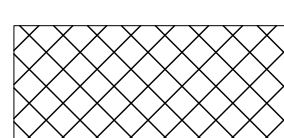
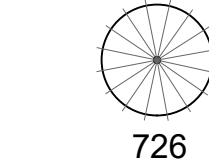
TREE TYPE	QTY
TYPE 2	= 10
TYPE 3	= 108
PALMS	= 37

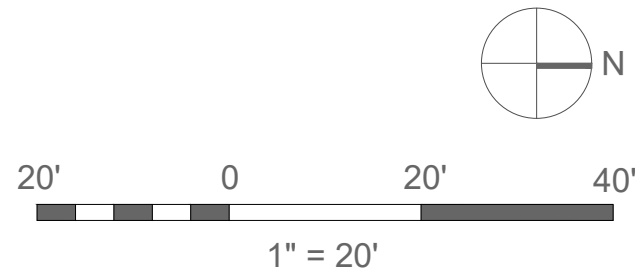
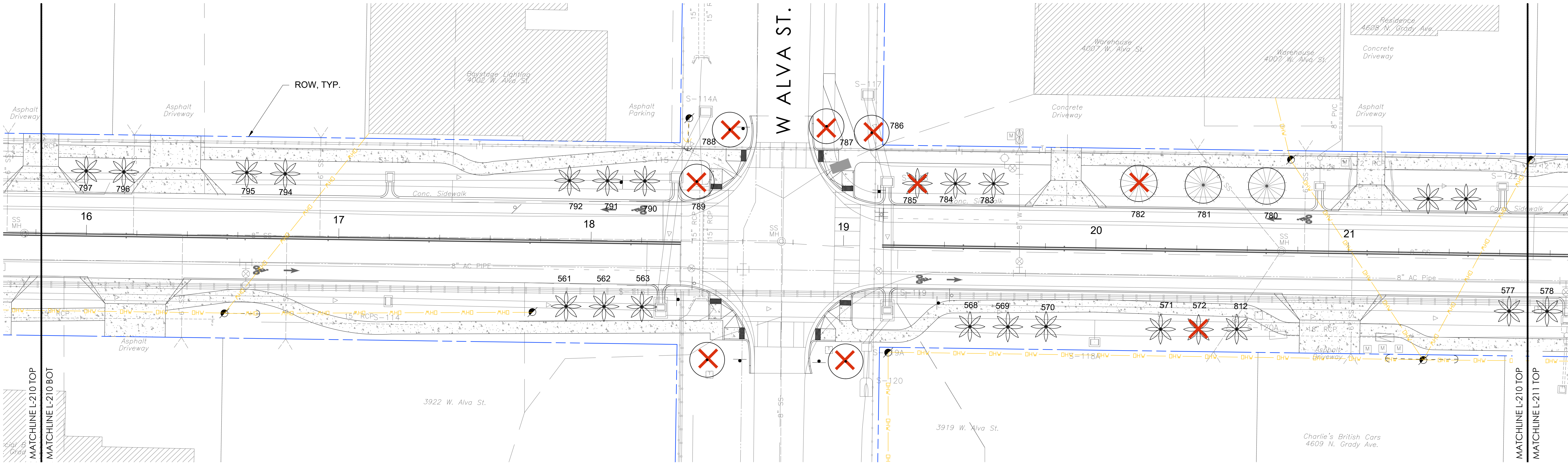
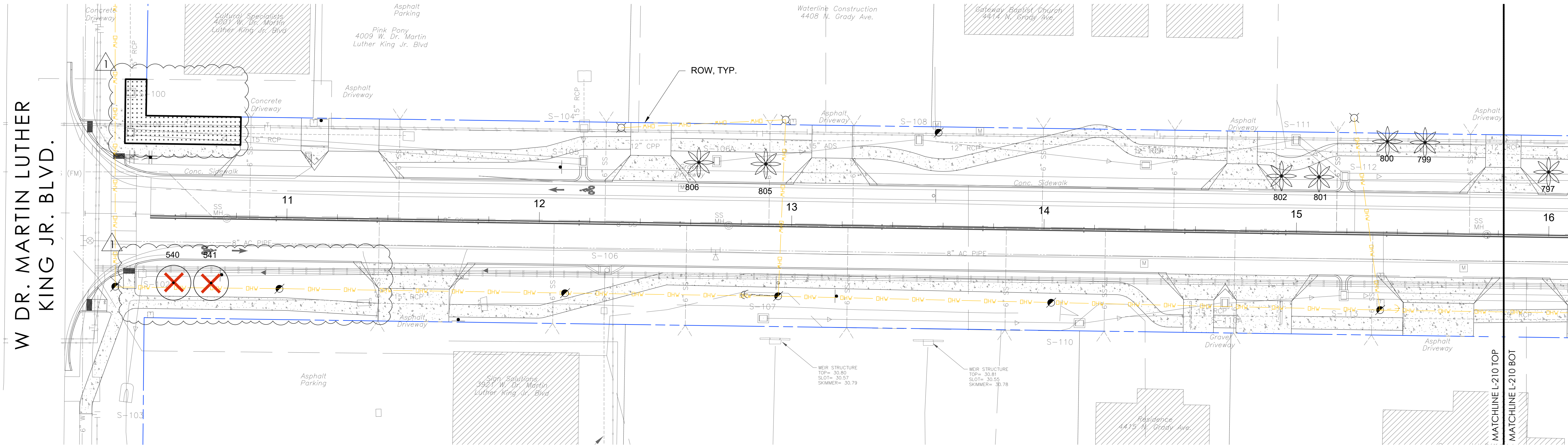
TOTAL CALIPER TREE INCHES = 318
REQUIRED CALIPER INCHES = 11

DEMOLITION PLAN NOTES

- The base map used on these Drawings are compiled from various plans provided by the City of Tampa. The base map may NOT meet existing conditions, therefore the Contractor shall verify all work areas before work commences. The Landscape Architect takes no responsibility for the accuracy of the existing condition Drawings.
- Contractor shall be responsible for contacting the City for any additional clarification or details necessary to accommodate site conditions.
- Contractor shall locate property lines as required to avoid encroachment onto adjacent property.
- Contractor shall locate all existing utilities and verify all field conditions before ordering any materials.
 - There is no existing irrigation system present.
- Contractor to perform all Stormwater Pollution Prevention measures per State and Local codes and requirements.
- Preserve and Protect:
 - All utilities, above and below ground.
 - Lighting and light fixtures.
 - Signs.
 - All trees, vegetation, and their root systems which are NOT indicated for removal on this plan. Contractor to implement a tree protection plan per the City of Tampa Tree and Landscape Technical Manual. City to review the Contractor's tree protection measures before work commences.
 - All paved and hardscape surfaces.
 - All walls, gates, and perimeter fencing.
- Certified arborist to trim existing trees to be preserved and protected, per ANSI A300 horticultural guidelines. Arborist to coordinate with City Arborist before work commences.
- Contractor is responsible for MOT plans, permit, and implementation.
- Remove all invasive vegetation species and weeds in existing plant beds. Refer to Planting Plan for pre-emergent application.
- Contact City immediately if any unforeseen conflicts arise or questions.
- All debris and other waste materials to be disposed of off-site and in accordance with applicable regulatory agency requirements.
- Damage to the State, County, or Local roads, sidewalks, and utilities caused by the Contractor's demolition work, hauling or excavation equipment shall be repaired by the Contractor to the satisfaction of the City.

LEGEND:

- *Sabal palmetto*, Sabal Palm - Tree to be preserved and protected.
- *Sabal palmetto*, Sabal Palm - Tree to be removed. All Standing Dead
- *Tabebuia impetiginosa*, Purple Trumpet Tree - Tree to be Removed. All but 11 are Standing Dead.
- Taxodium distichum, Bald Cypress - Tree to be preserved and protected.
- Taxodium distichum, Bald Cypress - Tree to be removed. All Standing Dead.
- Clear & Grub existing planting areas. Only include trees in Clear & Grub work if "X" is indicated. Preserve and protect trees and roots with no "X", drainage structures and other utilities present.
- Demolish and remove existing pavers and/or concrete. Contractor to verify condition. Preserve and protect existing drainage structures and other utilities present.
- ROW = Right of Way. Limit of work is within the ROW.
- OHW = Overhead Power Line (Approximate Location).
- Tree number shown on plan corresponds to Tree Inventory Table - Attached.



OJLA

OONAJOHNSEN
LANDSCAPE ARCHITECTURE
4030 Henderson Blvd. Ste 699
Tampa, FL 33629
831 915 6838 oona@OJLA.co
www.ojla.co

STAMP:

OONA JOHNSEN LA 6667387
EXP. 11-30-2025

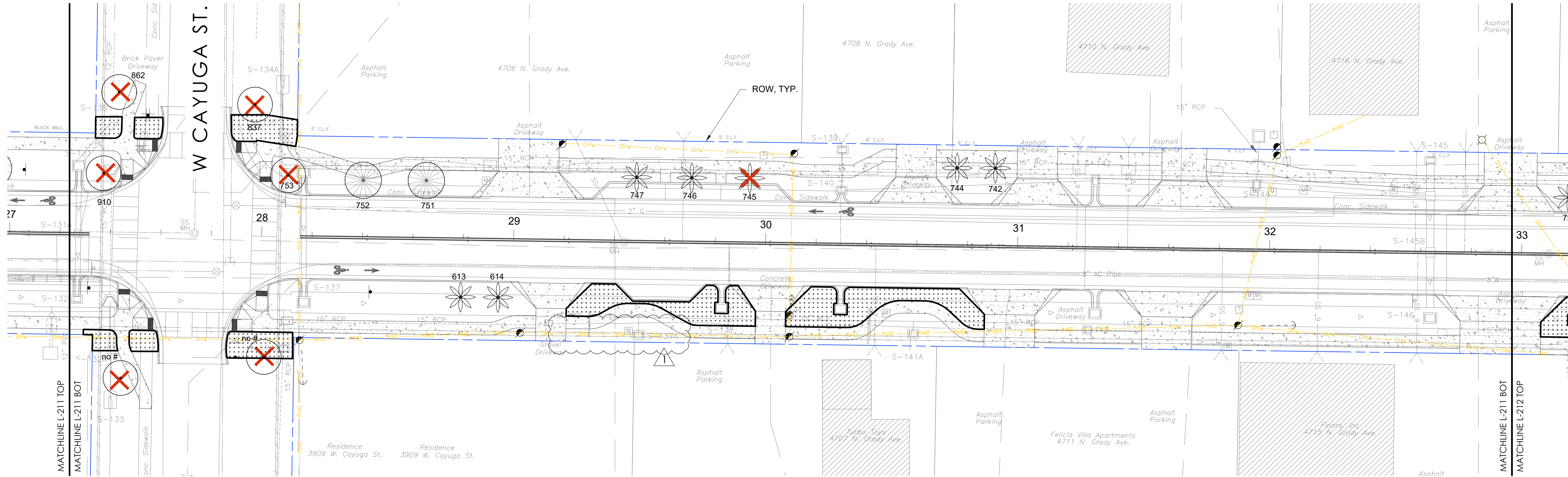
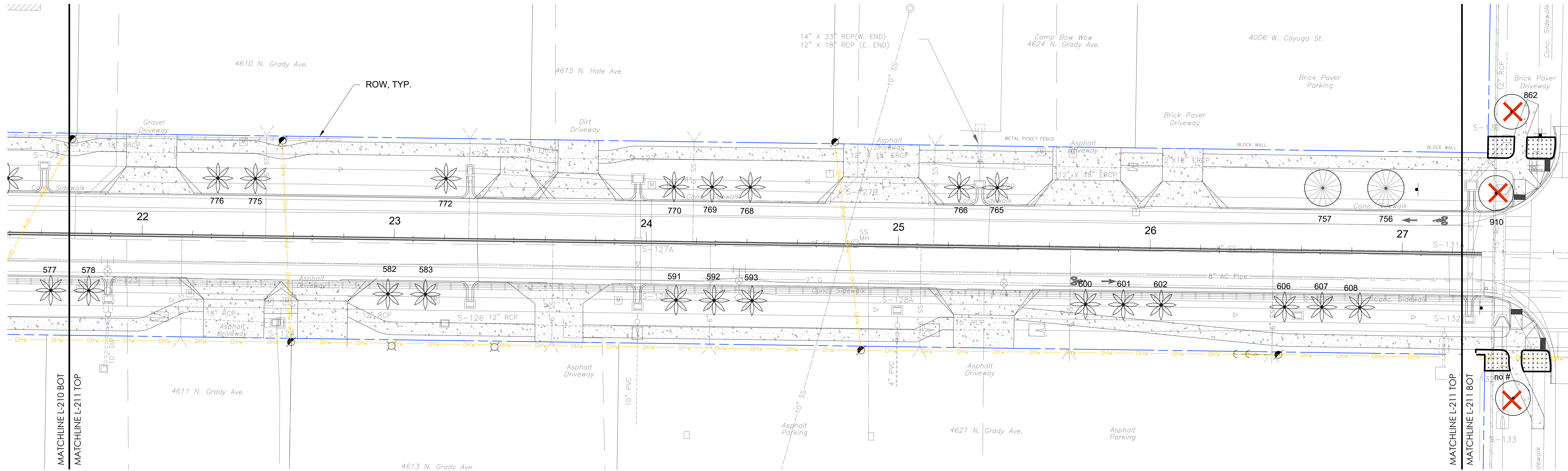
CONSULTANTS:

TAMPACRA
DREW PARK

REVISION: DATE:
△ Permit Revisions 07.01.2025

PROJECT NAME:
Drew Park Grady Ave
Landscape &
Streetscape Audit and
Recommendations
Old #: 22-D-20701
New #: ROW-24-0001256
OWNER:
City of Tampa . Drew Park CRA
ISSUANCE:
PERMIT SUBMITTAL
DATE: MAY 20, 2025
DRAWN BY: OJ
CHECKED BY: TM
PROJECT #: 14.22
SHEET NAME & NUMBER:

N Grady Ave.
Demo & Tree
Removal Plan
L-210.G
If drawing is not 24"x36", it is reduced.



OJLA

OONAJOHNSEN
LANDSCAPE ARCHITECTURE
4030 Henderson Blvd. Ste 699
Tampa, FL 33629
831 915 6838 oona@OJLA.co
www.ojla.co

STAMP:
REGISTERED LANDSCAPE ARCHITECT
OONAJOHNSEN
LA 6667387
FLORIDA
OONA JOHNSEN LA 6667387
EXP. 11-30-2025

CONSULTANTS:

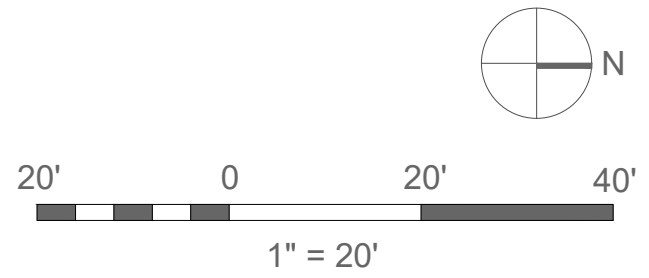
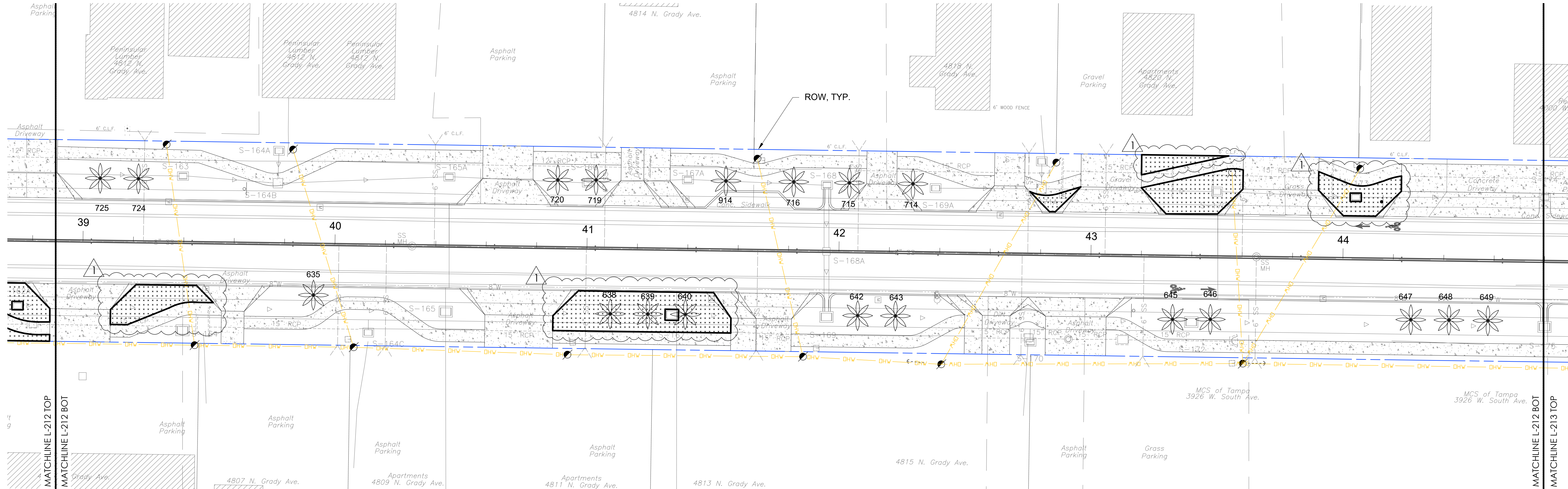
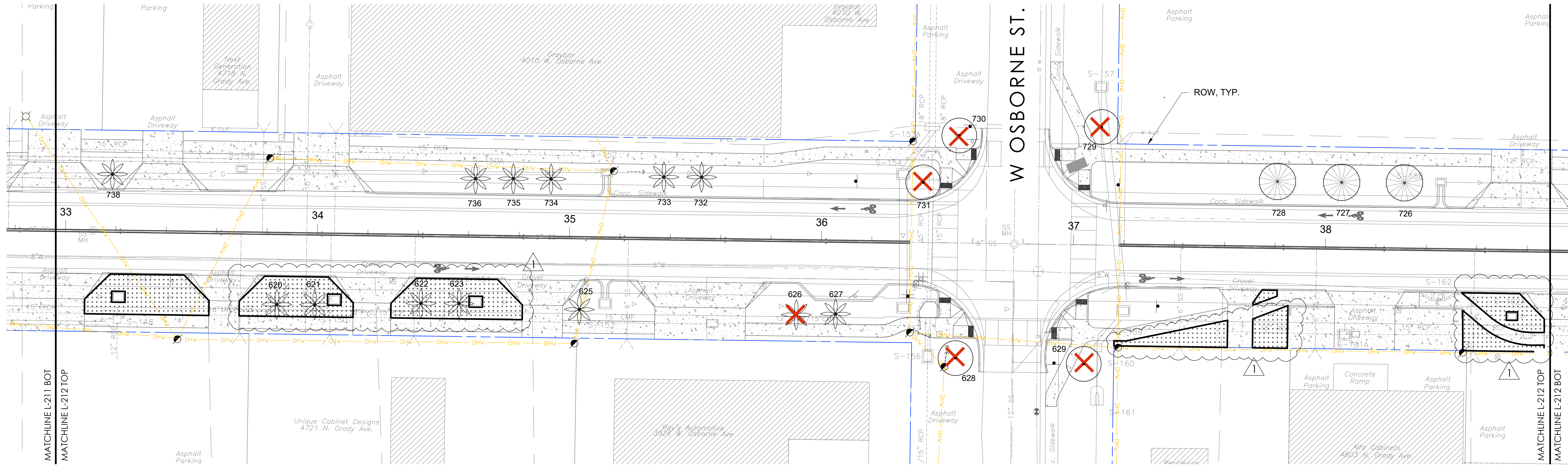
TAMPACRA
DREW PARK

REVISION: DATE:
Permit Revisions 07.01.2025

PROJECT NAME:
Drew Park Grady Ave
Landscape &
Streetscape Audit and
Recommendations
Old #: 22-D-20701
New #: ROW-24-0001256
OWNER:
City of Tampa . Drew Park CRA
ISSUANCE:
PERMIT SUBMITTAL
DATE: MAY 20, 2025
DRAWN BY: OJ
CHECKED BY: TM
PROJECT #: 14.22
SHEET NAME & NUMBER:

N Grady Ave.
Demo & Tree
Removal Plan
L-211.G

If drawing is not 24x36", it is reduced.



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OONAJOHNSEN
LANDSCAPE ARCHITECTURE
4030 Henderson Blvd. Ste 699
Tampa, FL 33629
831 915 6838 oona@OJLA.co
www.ojla.co

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OONA JOHNSEN
LA 6667387
FLORIDA
OONA JOHNSEN LA 6667387
EXP. 11-30-2025

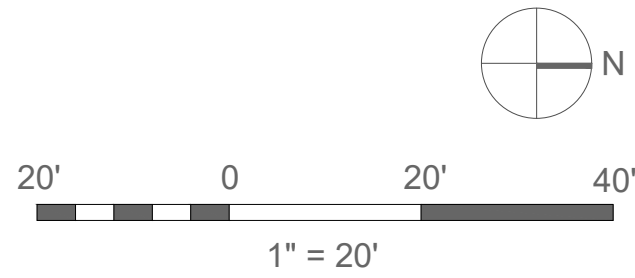
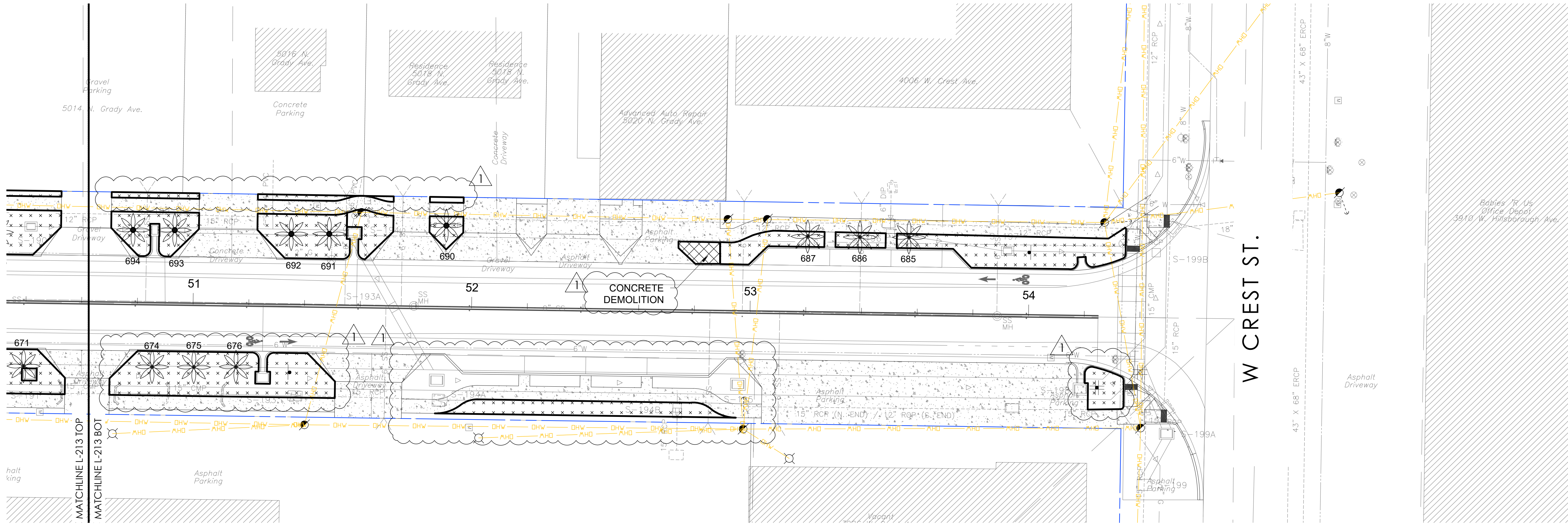
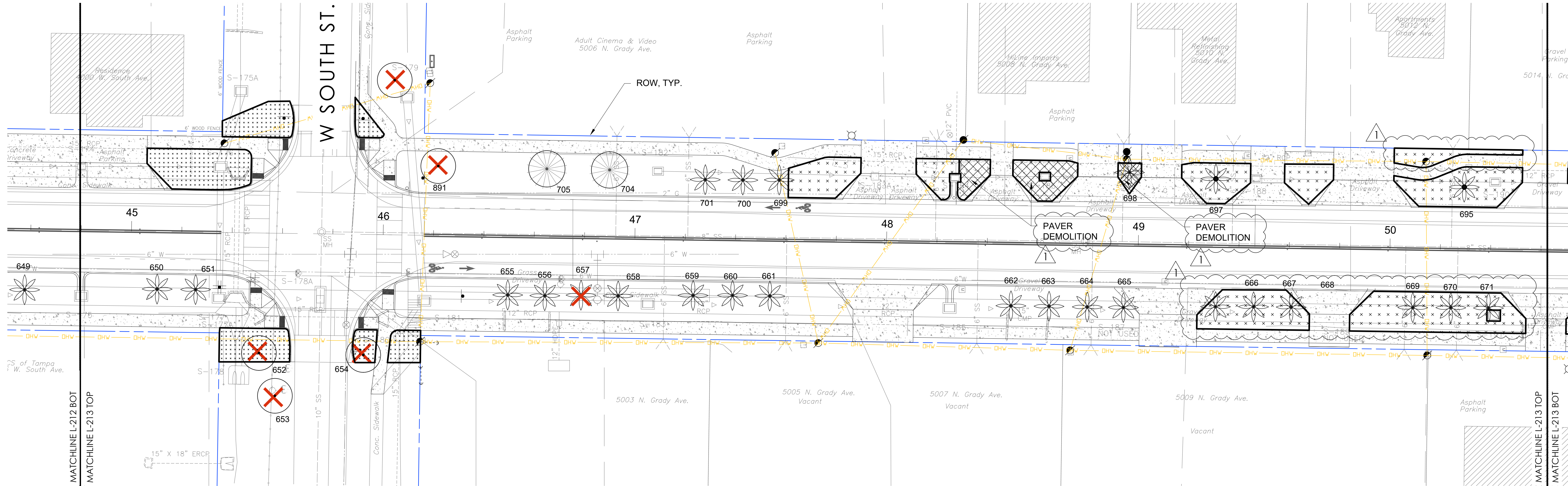
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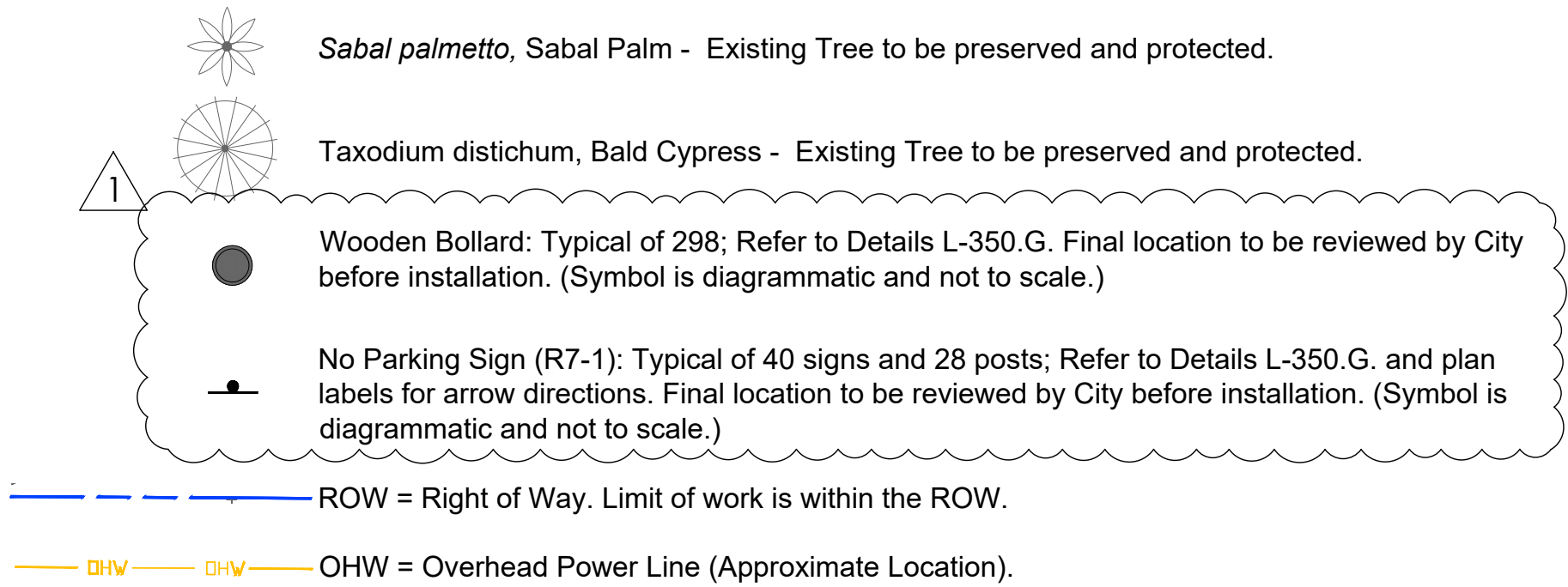
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Removal Plan
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LEGEND



GENERAL NOTES

1. LIMIT OF WORK SHALL REMAIN WITHIN THE RIGHT OF WAY. REFER TO PLAN.
2. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR/SUBCONTRACTOR. IT SHALL BE THE CONTRACTOR'S/SUBCONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATIONS OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR/SUBCONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. ALL UTILITIES WHICH INTERFACE WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED BY THE RESPECTIVE UTILITY COMPANIES.
3. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE PLANS AND GENERAL NOTES CONTAINED HEREIN AND/OR OTHERWISE REQUIRED BY APPLICABLE FEDERAL, STATE, AND LOCAL CODES, ORDINANCES, AND REGULATIONS. IN THE EVENT OF A CONFLICT BETWEEN THE REQUIREMENTS, THE MOST STRINGENT SHALL APPLY AS DETERMINED BY THE OWNER'S REP.
4. EXTREME CAUTION SHALL BE EXERCISED IN AREAS OF BURIED UTILITIES AND CONTACT SUNSHINE 811 AT WWW.SUNSHINE811.COM A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTION.
6. ALL SPECIFICATIONS AND DOCUMENTS REFERRED TO SHALL BE OF THE LATEST REVISIONS AND/OR LATEST EDITION.
7. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
8. MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE APPLICABLE STANDARDS AND THE CITY OF TAMPA STANDARD DETAILS.
9. ALL DISTURBED AREAS ASSOCIATED WITH CONSTRUCTION ARE TO BE FINISHED PER THE PLAN, SODDED, OR RESTORED TO PRE-EXISTING STABLE CONDITIONS. NO BARE DIRT SHALL BE PRESENT. WORK SHALL PRESENT A FINISHED APPEARANCE AND REASONABLY COMPLETE COVERAGE WITHIN ONE YEAR OF PLANTING. ANY WASHOUTS AND OTHER EROSION WORK REQUIRED, WILL BE PERFORMED BY THE CONTRACTOR/SUBCONTRACTOR UNTIL THE SYSTEM IS ACCEPTED FOR MAINTENANCE BY THE REGULATORY AGENCY AND OWNER'S REPRESENTATIVE.

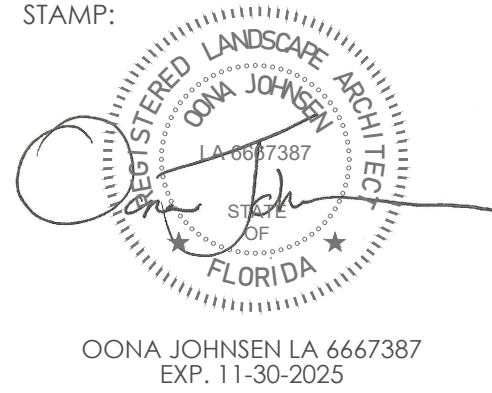
SITE CONSTRUCTION NOTES

1. CONTRACTOR TO COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL GUIDELINES AND BUILDING CODES.
 - 1.1. CONTRACTOR TO COMPLY WITH LIMITS OF CLEAR SIGHT PER THE CITY OF TAMPA TRANSPORTATION TECHNICAL MANUAL AND CODE OF ORDINANCES WHICH REFERENCES THE FLORIDA DEPARTMENT OF TRANSPORTATION, "Manual of Uniform Minimum Standards for Design, Construction and Maintenance, for Streets and Highways," 2004 EDITION, AS AMENDED.
2. VERIFY LOCATION OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
3. THE CONSTRUCTION SITE SHALL BE LEFT CLEAN AND FREE FROM DEBRIS AT THE END OF EACH WORK DAY.
4. THE CONTRACTOR SHALL APPLY FOR, OBTAIN AND PAY FOR ALL REQUIRED PERMITS, UNLESS OTHERWISE SPECIFIED. PERMITS SHALL BE POSTED ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS.
5. ALL WORK, MATERIAL AND EQUIPMENT UTILIZED SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
6. VISIT THE SITE AND BECOMING FAMILIAR WITH ALL EXISTING CONDITIONS AFFECTING THE WORK PRIOR TO BIDDING.
7. FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THE CITY OF TAMPA OF CONFLICTS PRIOR TO CONSTRUCTION.
8. SUBMIT UNIT PRICES FOR ALL LINE ITEMS IN THEIR BID.
9. SEEK CLARIFICATION PRIOR TO BIDDING FROM THE CITY OF ANY DISCREPANCIES IN THE PROVIDED DRAWINGS. THE MOST STRINGENT REQUIREMENTS SHALL APPLY.
10. SEEK CLARIFICATION PRIOR TO BIDDING OF ANY QUESTIONS CONCERNING CONDITIONS, DRAWINGS, DETAILS AND SPECIFICATIONS THAT WILL AFFECT SUBMISSION OF A COMPLETE AND ACCURATE BID. SUBMISSION OF QUESTIONS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE INSTRUCTION TO BIDDERS.
11. OBTAIN WRITTEN APPROVAL FROM THE CITY FOR ANY DEVIATION FROM THE CONTRACT DOCUMENTS.
12. ALL REQUESTS FOR INFORMATION CLARIFICATION, DEVIATION OR SUBSTITUTION FOR ITEMS IN THE CONTRACT DOCUMENTS SHALL BE MADE IN WRITING THROUGH THE CITY. THE CITY WILL RESPOND PER CITY STANDARD CONTRACT.
13. PREPARE AND MAINTAIN ALL CONSTRUCTION AREAS FREE OF DEBRIS AND HAZARDOUS MATERIALS THROUGHOUT THE CONSTRUCTION PROCESS.
14. REPAIR AND/OR REPLACE ANY FACILITIES DAMAGED DURING THE CONSTRUCTION AT NO COST TO THE CITY.
15. REFER TO TREE PROTECTION NOTES AND DRAWINGS.
16. LAYOUT AND VERIFY ALL BOLLARD AND SIGNS IN THE FIELD FOR APPROVAL BY THE CITY, PRIOR TO THE START OF CONSTRUCTION. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE CITY.
17. WHERE THERE IS A DISCREPANCY BETWEEN THE QUANTITY SHOWN ON THE MATERIAL LIST AND THE QUANTITY OF ITEMS SHOWN ON THE PLANS, THE PLANS SHALL RULE.
18. ANY INFRASTRUCTURE, STRUCTURAL ELEMENTS, OR UTILITIES ARE SHOWN FOR REFERENCE ONLY. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CITY.
19. DIMENSIONS ARE TO BACK OF CURB AND EDGE OF WALK OR DRIVEWAY UNLESS INDICATED OTHERWISE ON DRAWINGS.
27. PROVIDE A MINIMUM OF 1 YEAR WARRANTY FOR ALL WORKMANSHIP AND PLANT MATERIAL. EQUIPMENT AND SITE FURNISHINGS WARRANTY PER MANUFACTURER.
28. SUBMIT PRODUCT DATA, SAMPLES AND PRODUCT DATA SHEETS FOR ALL PRODUCTS SPECIFIED ON THE PLANS AND INCLUDED IN THE LEGEND, SHOWING MANUFACTURER'S RECOMMENDED PRACTICE FOR INSTALLATION OF THE PRODUCT.
29. SUBMIT MANUFACTURER'S WARRANTY INFORMATION FOR REVIEW. ALL SUBMITTALS SHALL BE COMPILED FOR EASE OF REFERENCE AND SHALL INCLUDE A SUBMITTAL LOG AND SCHEDULE. THE OWNER'S REP SHALL RESPOND PER THE CITY STANDARD CONTRACT.
30. SUBMIT PRODUCT MATERIAL/DADA SHEETS FOR:
 - 30.1. WOODEN BOLLARD.
 - 30.2. REGULATORY SIGNAGE MATERIALS.
31. SUBMIT MOCK UPS FOR:
 - 31.1. REGULATORY SIGNAGE TEXT AND LAYOUT.
32. PROVIDE LAYOUT REVIEWS, BEFORE INSTALLATION FOR:
 - 32.1. WOODEN BOLLARDS.
 - 32.2. REGULATORY SIGNAGE.
 - 32.3. TREES.

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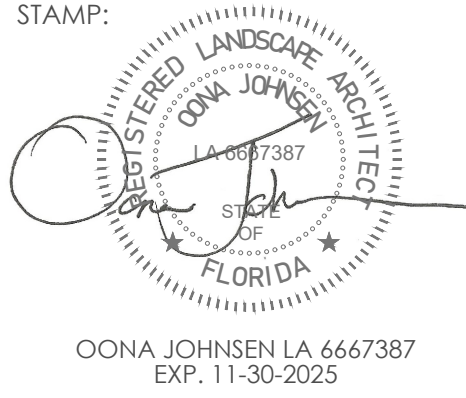
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N Grady Ave.
Landscape Notes
& Schedules

L-300.G

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TREE SCHEDULE						
	SYMB	QTY	BOTANICAL NAME	COMMON NAME	SIZE & SPECIFICATIONS	TOTAL CALIPER IN.
	CAL RIG	21	Callistemon rigidus	Bottlebrush Tree	2" Caliper, 12-14' Tall, 45 Gal. or larger based on availability, Multi-trunk - 3 Min., Florida Grade No. 1 Min.	42
	LAG IND N	87	Lagerstroemia indica 'Natchez'	Natchez Crepe Myrtle	3" Caliper, Multi-trunk - 3 Min., 7-ft Min Clear Trunk, Florida Grade No. 1 Min.	261
	SAB PAL	37	Sabal palmetto	Sabal Palm	Tree specs to match existing adjacent Sabal Palms, not less than 14' CT, Contractor to confirm size and character in field, Matched, Field Grown, Florida Grade No. 1 Min.	0
	TAX DIS 15Gal	10	Taxodium discitichum	Bald Cypress	15 Gal., 1.5" Cal., Florida Grade No. 1 Min.	15
PROJECT TOTAL TREE CALIPER INCHES PROVIDED:						318
TOTAL TREE CALIPER INCHES REQUIRED:						11

TREE MATERIALS SCHEDULE

UNIT	MATERIAL	SPECIFICATIONS/NOTES
CY - TBD	MULCH	All planting areas to receive a 6" layer of Pine Straw mulch to achieve a 3" layer of mulch after settlement/consolidation. Refer to tree planting details.
CY - TBD	TREE PLANTING SOIL-BACKFILL	Backfill with native, in-stu material. If additional backfill is needed, provide weed-free mixture of 80% course native sand and 20% organic garden blend top soil. Refer to tree planting details.
TBD	PALM FERTILIZER	Milorganite, slow-release fertilizer, or approved equal for all palm trees. Mix into the tree planting soil-backfill per the application rate by manufacturer. Apply per manufactures recommendations.
TBD	TREE & PALM AMENDMENT	Apply to the root zone of all trees at planting. Mycorrhizal Fungi - PHC Tree Saver by Plant Health Care, Inc. or approved equal. Containing live spores of beneficial endo and ecto mycorrhizae, plus Terra-Sorb water absorbent gel, and biostimulants. Apply per manufacture's recommendations.
EACH TREE	TREE STAKING	All newly planted trees to receive tree staking per the City of Tampa Standards. Refer to tree planting details. Proprietary systems, such as the Platipus Tree Anchor System, are acceptable upon submittal and City approval, at no additional cost to the owner. Refer to details.

SHRUB SCHEDULE				
SYMB	QTY	BOTANICAL NAME	COMMON NAME	SIZE & SPECIFICATIONS
PEN RUB	656	Pennisetum setaceum 'Rubrum'	Purple Fountain Grass	3 Gal., 30" O.C.

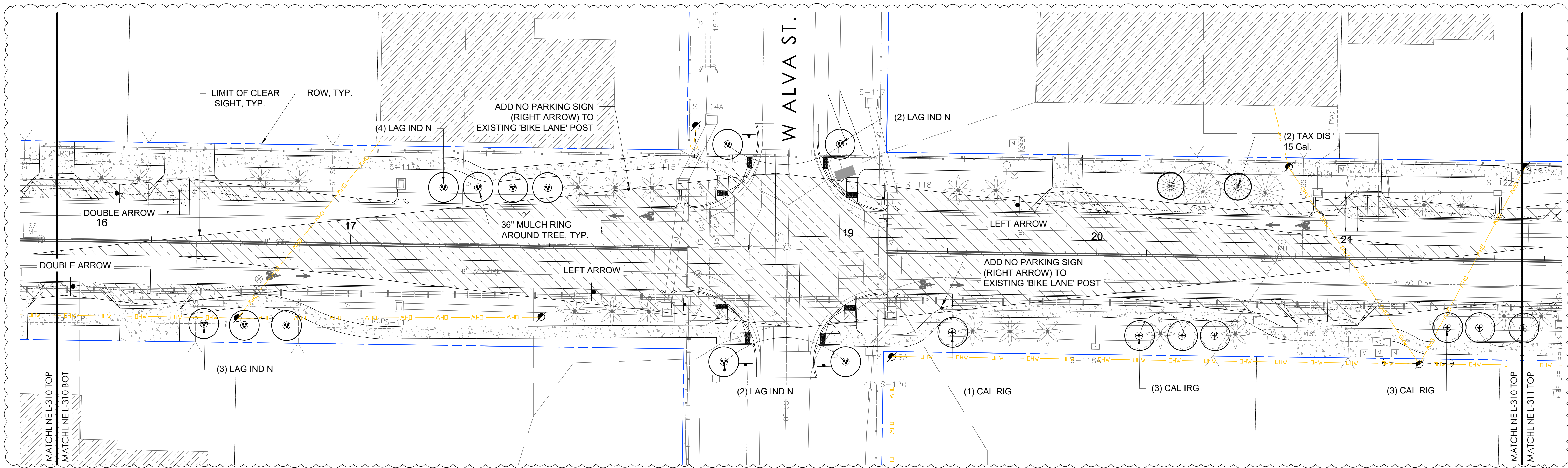
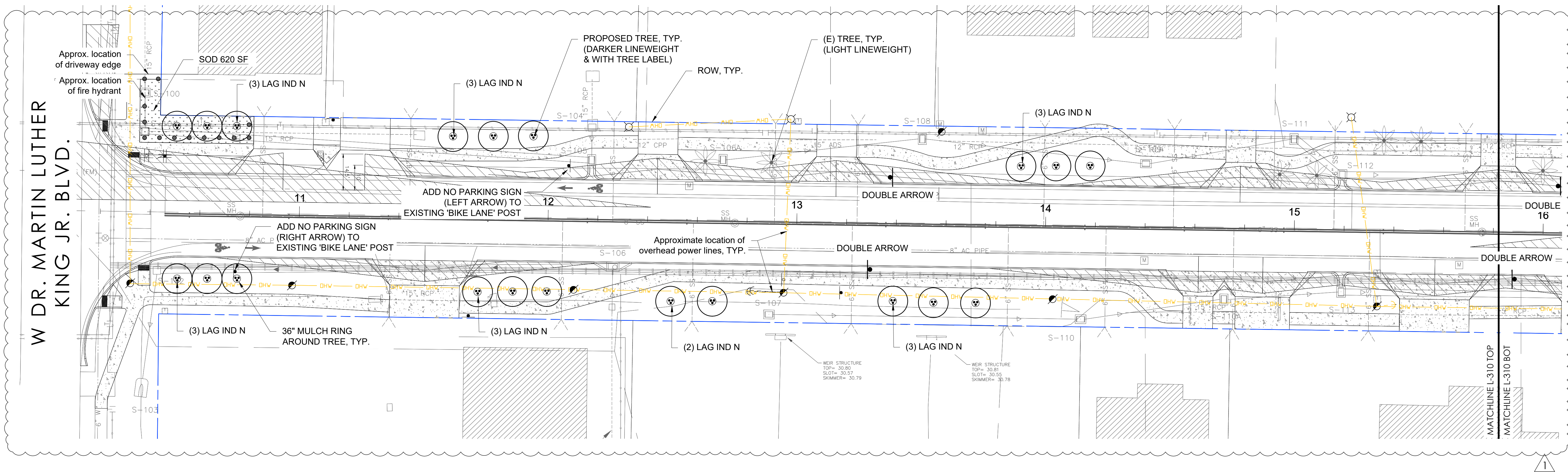
SHRUB MATERIALS SCHEDULE

UNIT	MATERIAL	SPECIFICATIONS/NOTES
TBD	PRE-EMERGENT	Planting Areas: Apply granular Ronstar G (Chico) herbicide weed control, or approved equal, at a rate recommended by the manufacturer. To be applied to new landscape beds only.
CY - TBD	MULCH	All planting areas to receive a 6" layer of Pine Straw mulch to achieve a 3" layer of mulch after settlement/consolidation. Refer to planting details.
CY - TBD	PLANTING SOIL-BACKFILL	Backfill with native, in-stu material. If additional backfill is needed, provide weed-free mixture of 80% course native sand and 20% organic garden blend top soil. Refer to planting details.
TBD	FERTILIZER - SOD	16% Nitrogen, 4% Phosphoric Acid, and 8% Potash by weight or similar composition.
 Approx. 14,200 SF	SOD	BAHIA SOD: 1) To be placed in designated areas per plan; 2) Repair: After planting, Contractor to apply sod to grubbed areas with exposed soil in areas that are adjacent to existing lawn areas; 3) Existing lawn areas that are in need of re-sodding. Contractor to walk project area to identify with City approval. Sod: Weed and insect free. Loosen soil to depth of 8" and, if needed, add Planting Soil Backfill to meet finish grade. Grade lawn area to a smooth, free draining, even surface. Roll and rake. Apply fertilizer to the top 3" of soil by discing. Dampen soil prior to sodding. Lay sod with tightly fitted joints, do not overlay edges. Stagger strips to offset joints in adjacent courses. Water sod thoroughly. Roll with light lawn roller to ensure contact with subgrade. Top dress all seams of sodded area with specified Planting Soil.

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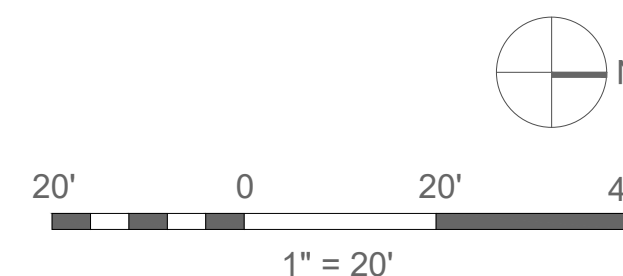
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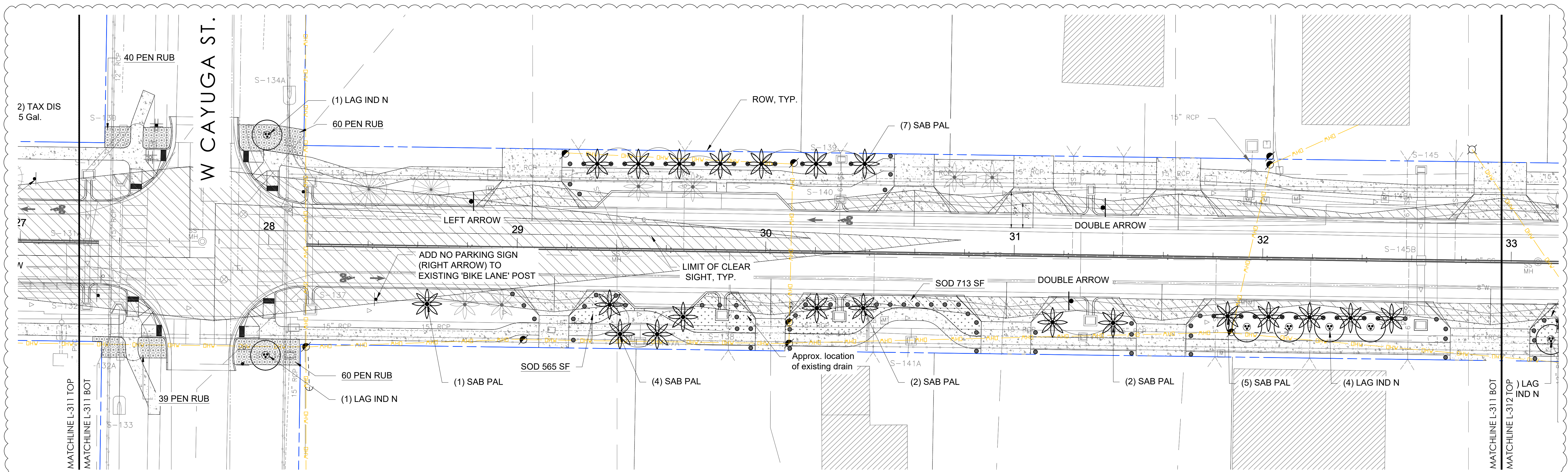
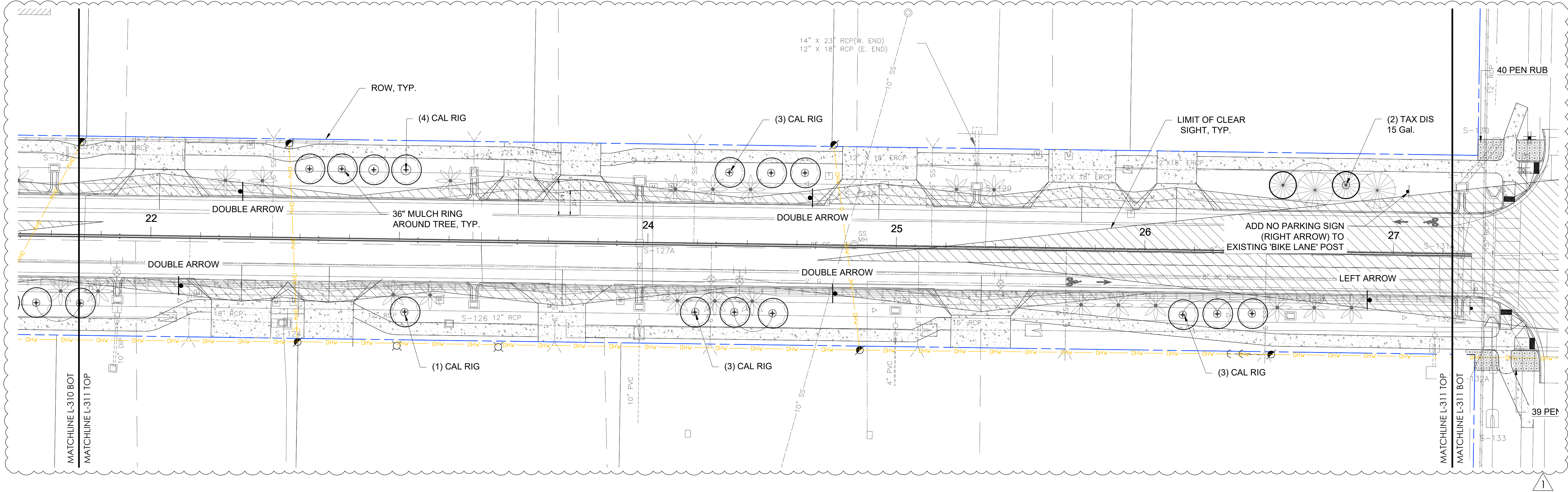
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GENERAL NOTES

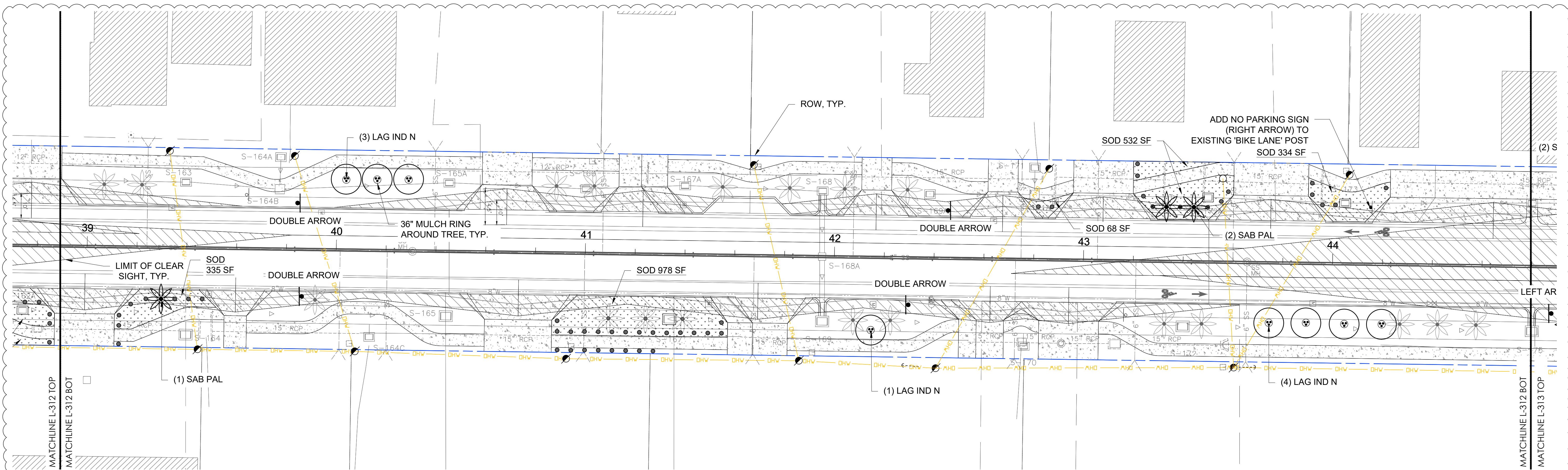
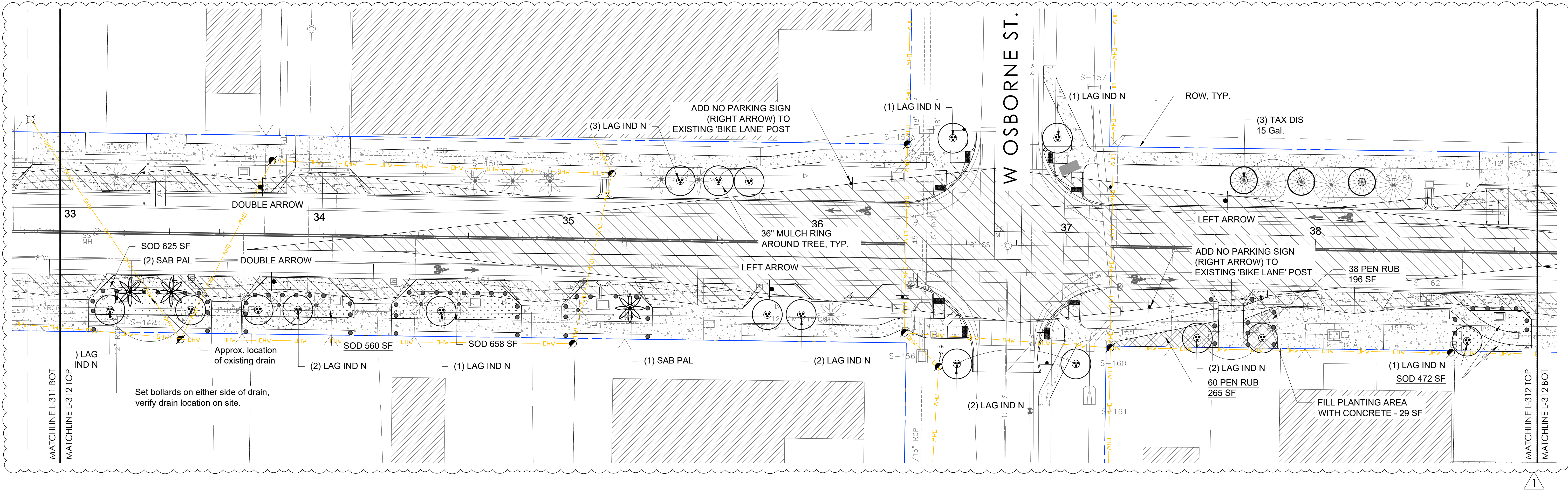
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- ALL BOLLARDS AND SIGNS TO BE STAKED IN THE FIELD AND REVIEWED AND APPROVED BY THE CITY BEFORE WORK COMMENCES. CONTRACTOR TO GIVE CITY AT LEAST 2 WEEKS NOTICE FOR THIS REVIEW.
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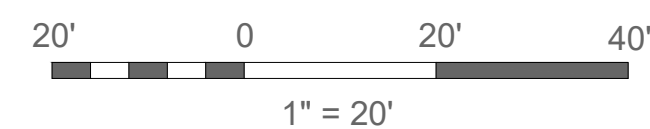
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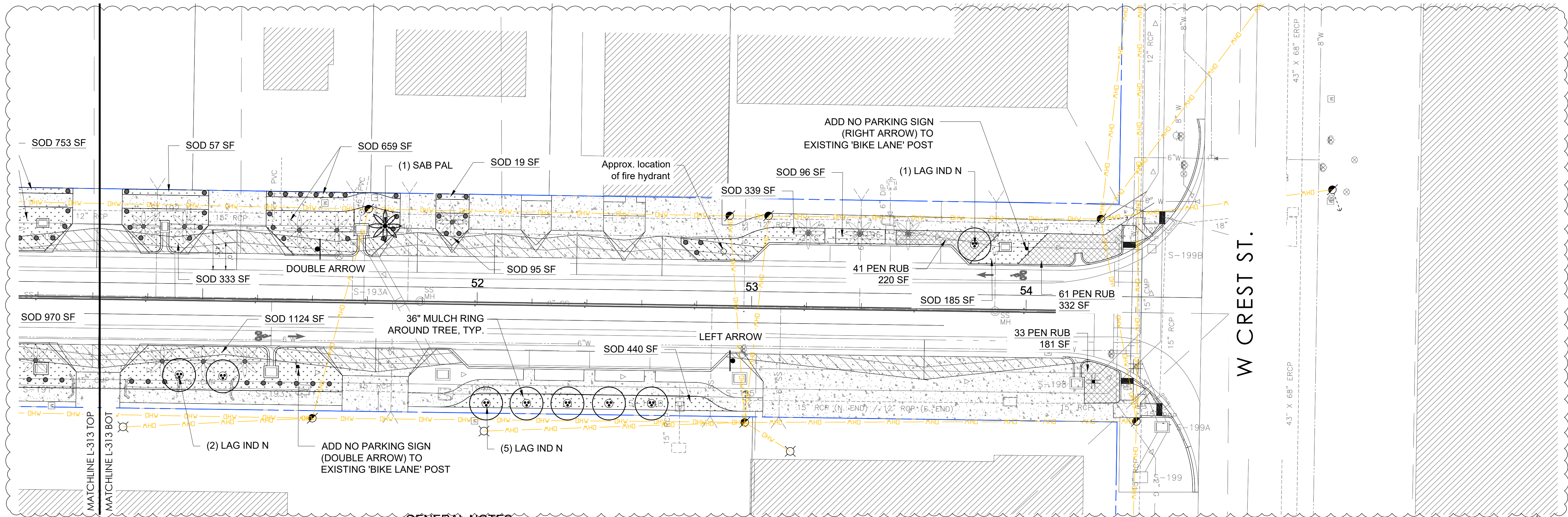
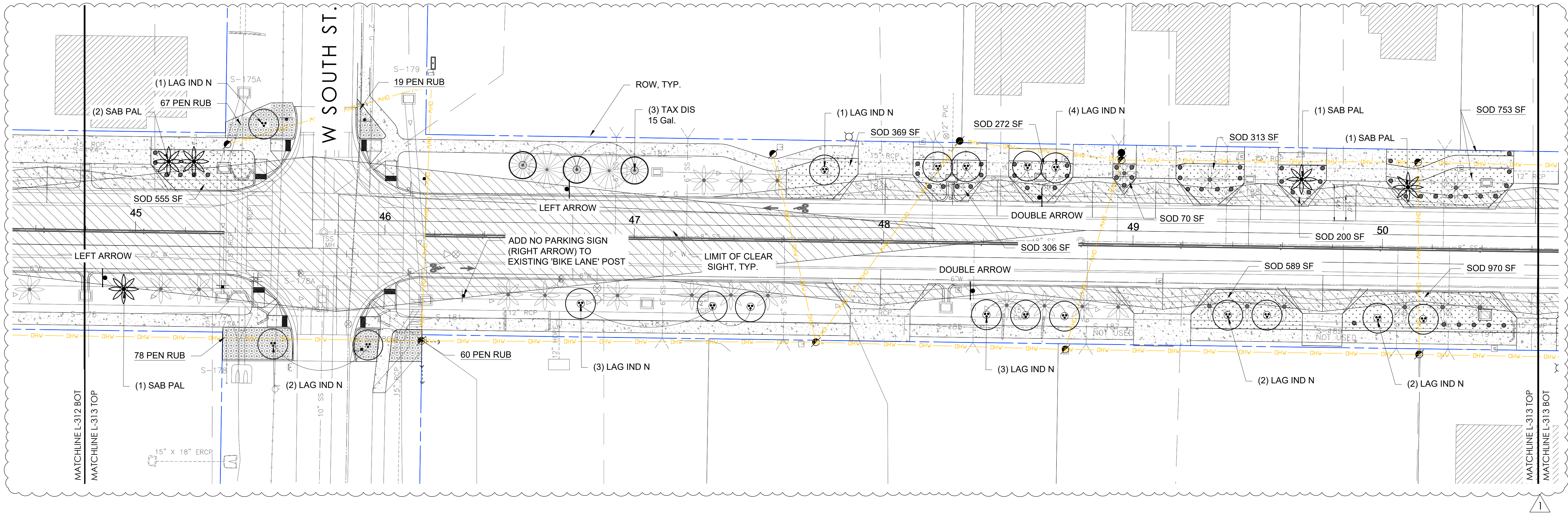
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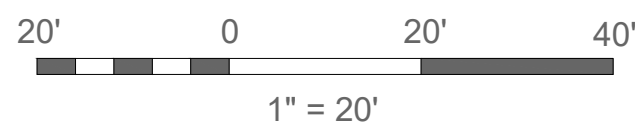
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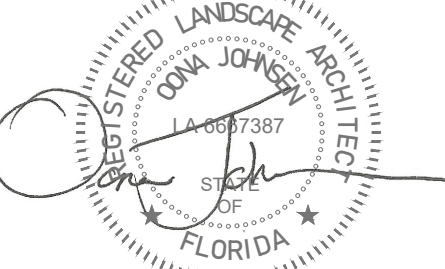
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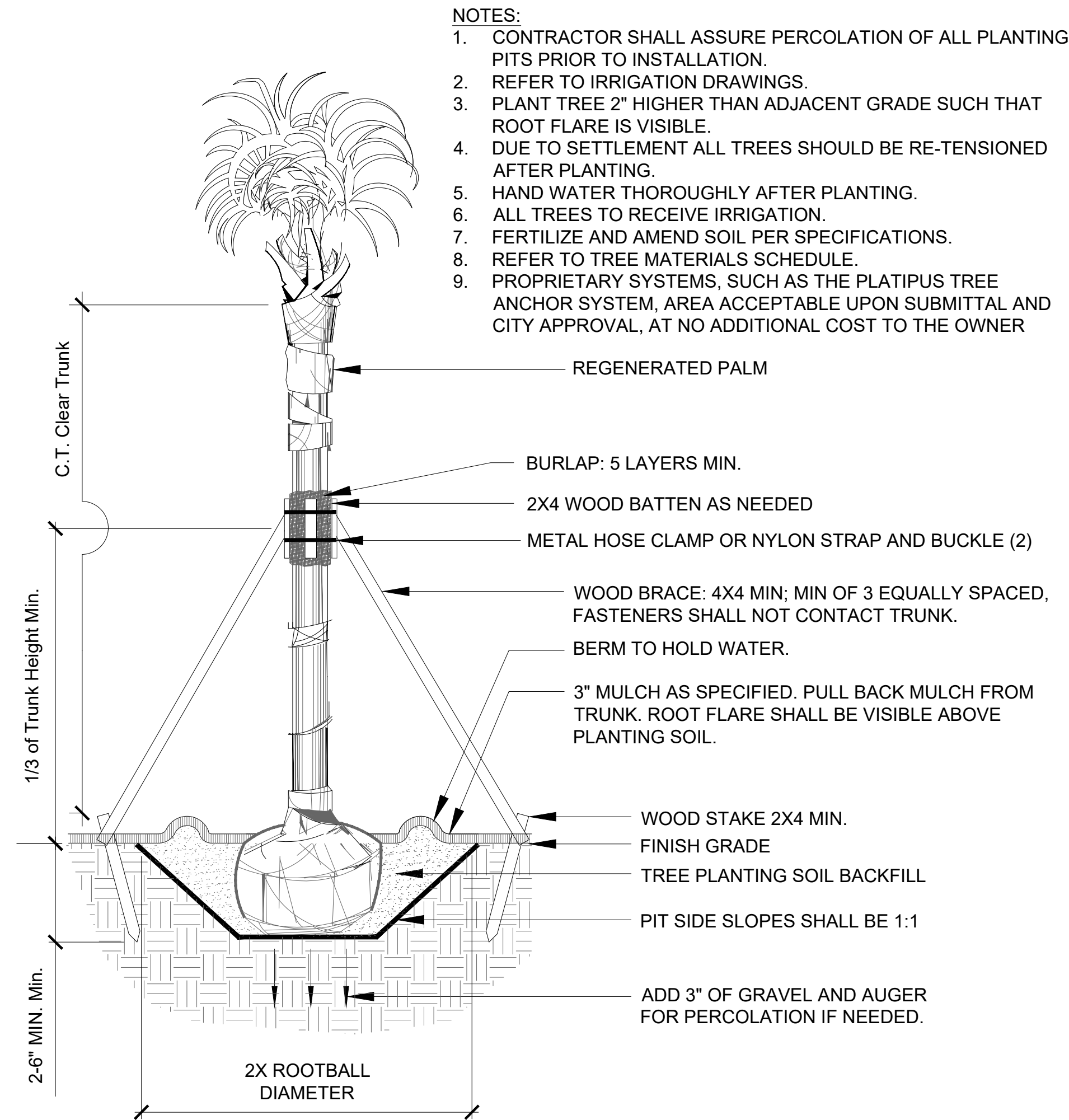
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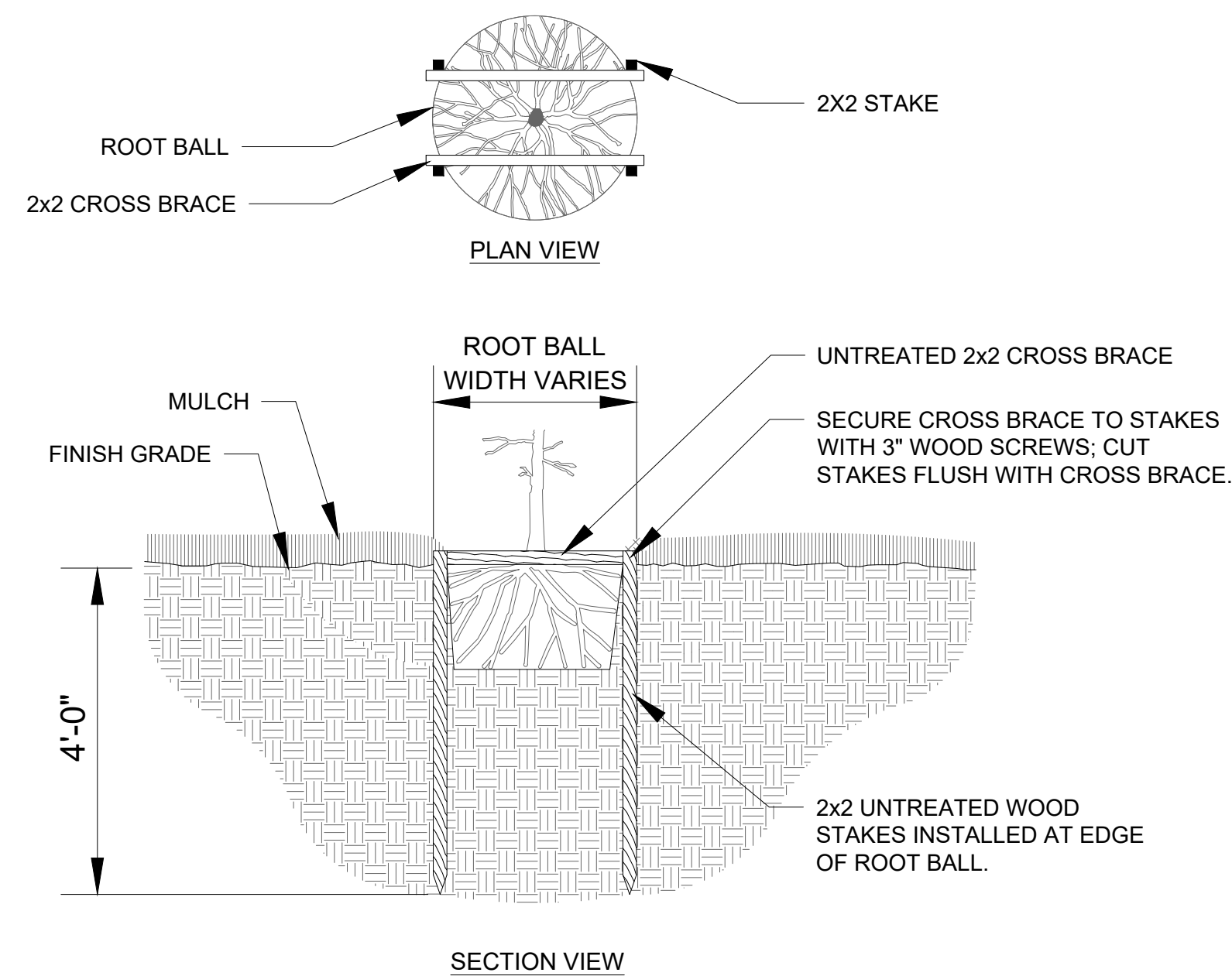
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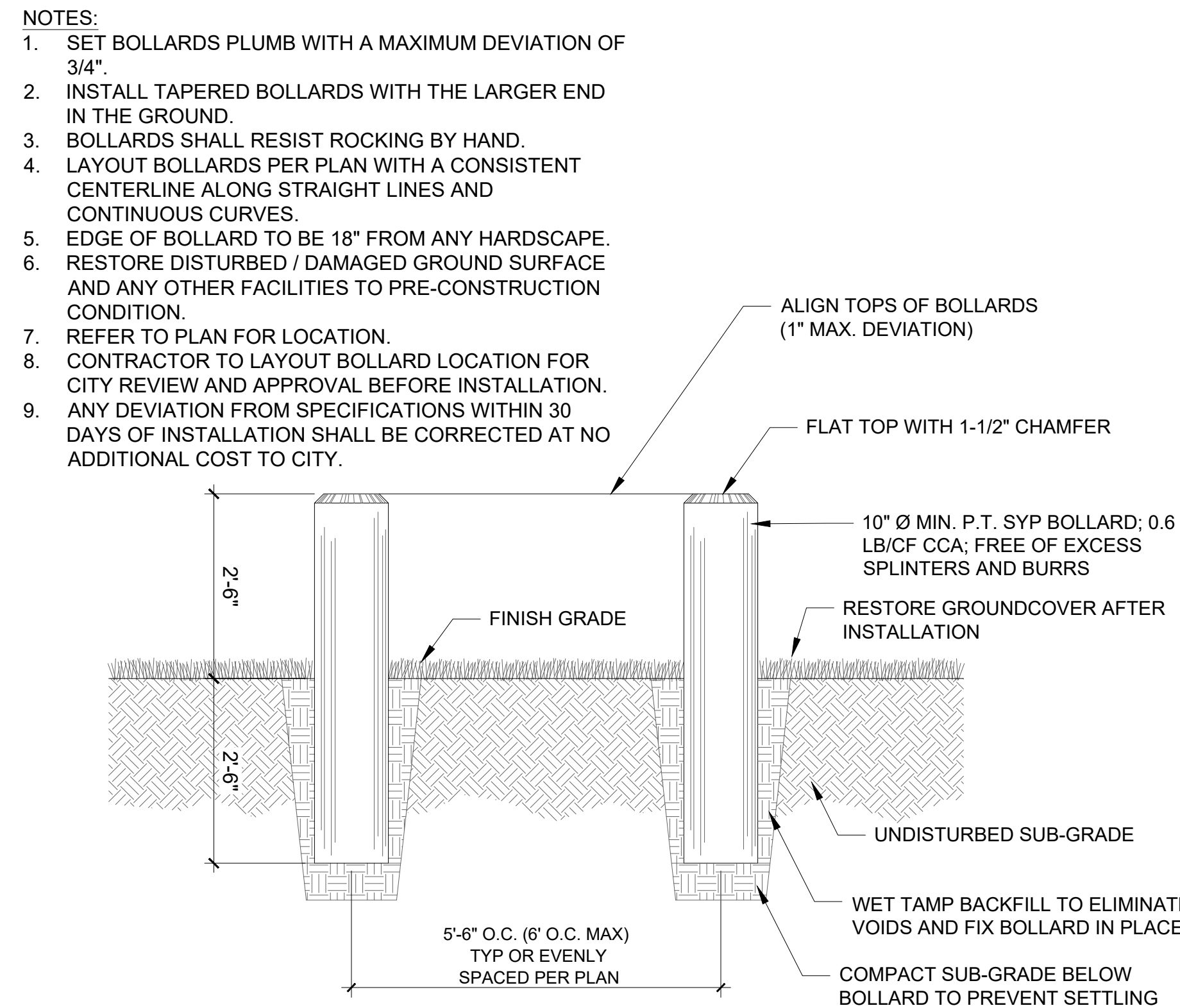
7 PALM PLANTING & STAKING



- NOTES:**
1. INCREASE WOOD AND SCREW SIZES AS NEEDED FOR TREES LARGER THAN 3" CALIPER.
 2. REMOVE ABOVE GRADE COMPONENTS AFTER ESTABLISHMENT. DO NOT LEAVE ANY PUNCTURE OR TRIP HAZARDS ON SITE.
 - 2.1. WOOD BELOW GRADE DOES NOT NEED TO BE REMOVED AND MAY DECAY IN PLACE.
 3. PROPRIETARY SYSTEMS, SUCH AS THE PLATIPUS TREE ANCHOR SYSTEM, AREA ACCEPTABLE UPON SUBMITTAL AND CITY APPROVAL, AT NO ADDITIONAL COST TO THE OWNER.

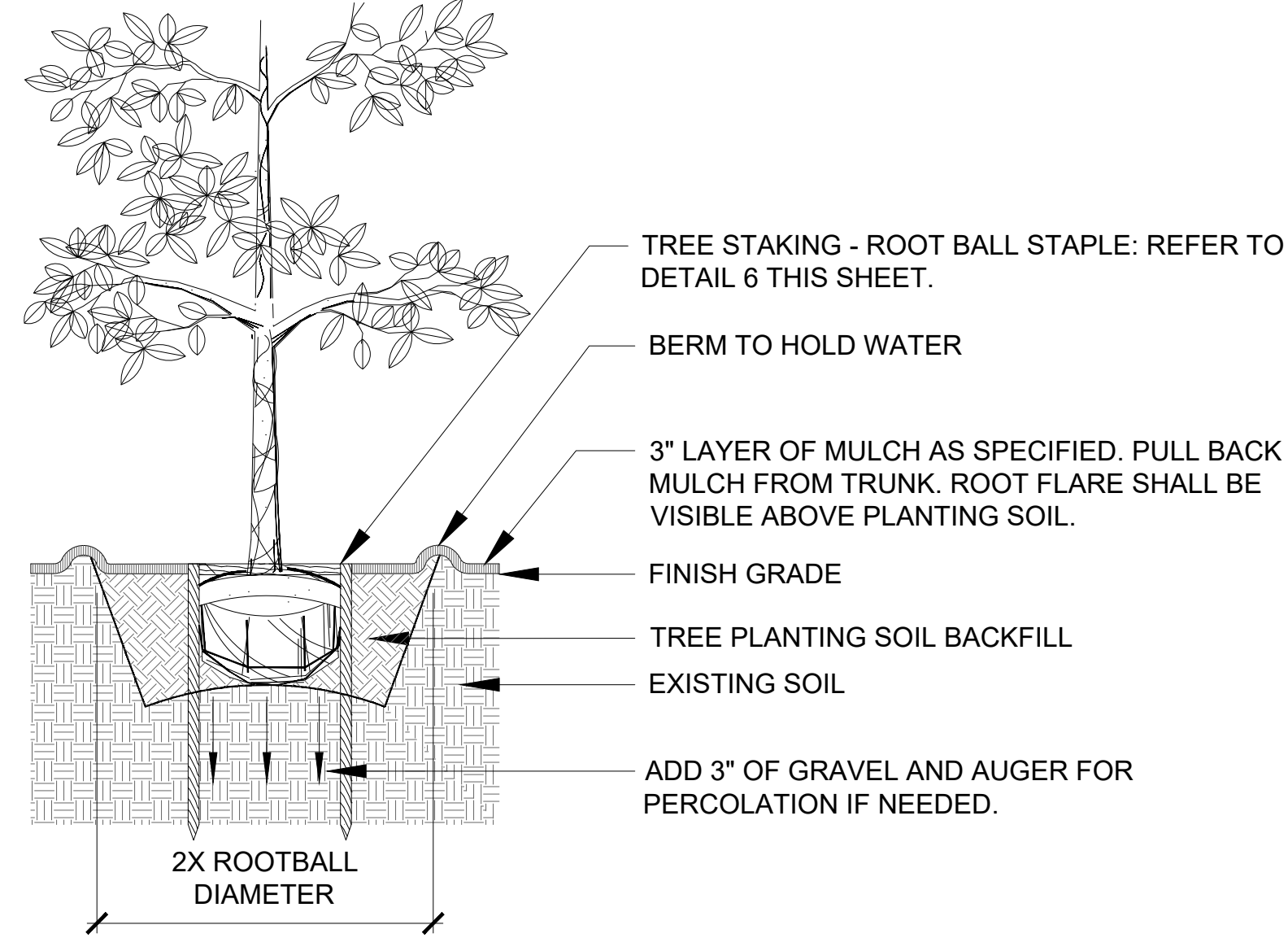


6 TREE STAKING - ROOT BALL STAPLE
NTS



5 WOOD BOLLARD
NTS

- NOTES:**
1. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
 2. REFER TO IRRIGATION DRAWINGS.
 3. PLANT TREE 2" HIGHER THAN ADJACENT GRADE SUCH THAT ROOT FLARE IS VISIBLE.
 4. WIRE BASKETS SURROUNDING ROOT BALL SHALL BE TRIMMED BACK ON TOP OF THE ROOT BALL AND 24" DOWN MINIMUM.
 5. HAND WATER THOROUGHLY AFTER PLANTING.
 6. AMEND SOIL PER SPECIFICATIONS.
 7. SUPPLEMENTAL WATERING BY WATER TRUCK. REFER TO MAINTENANCE GUIDELINES.
 8. REFER TO TREE MATERIALS SCHEDULE.

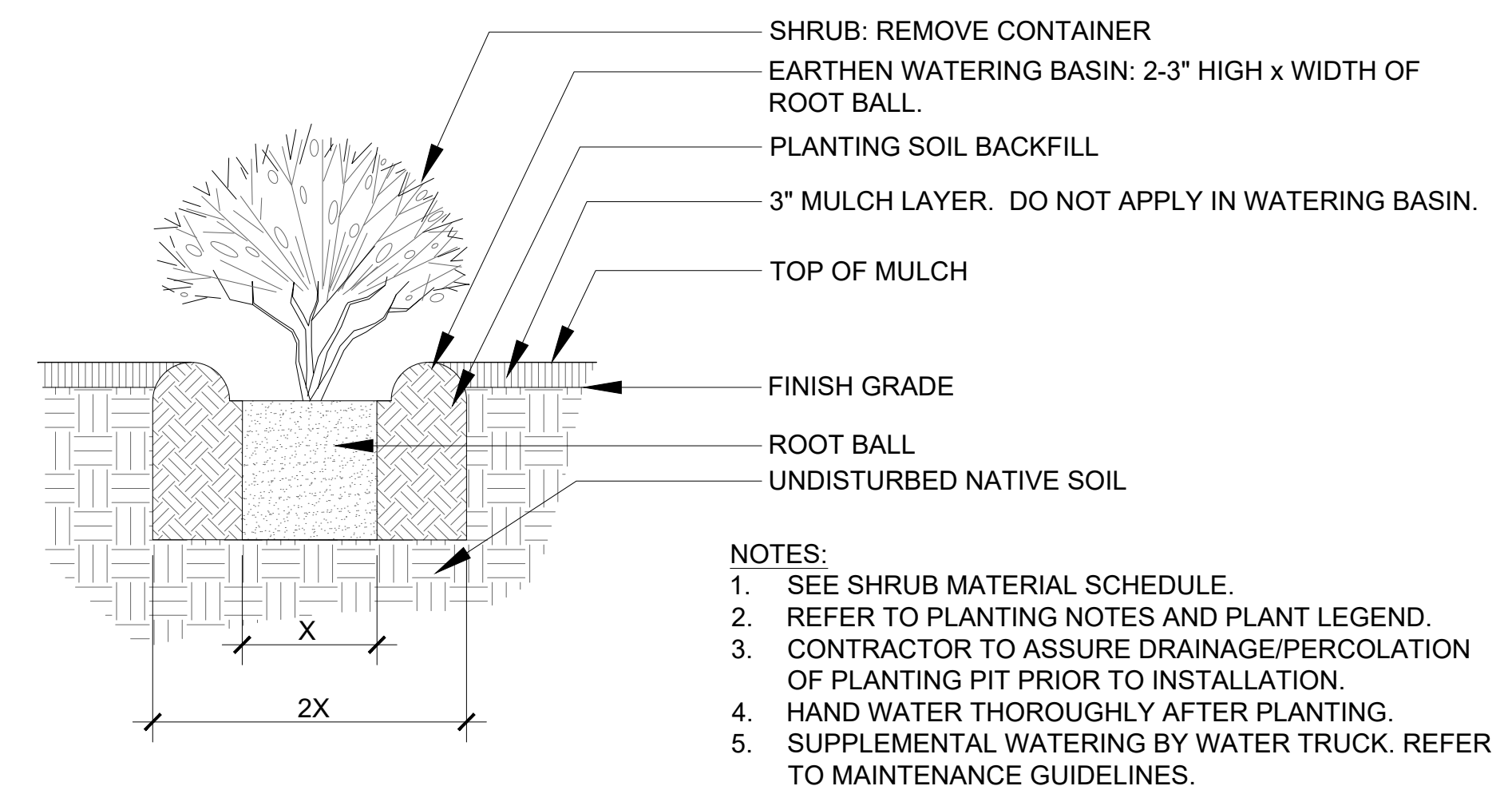


4 TREE PLANTING
SCALE: 1/4" = 1'-0"

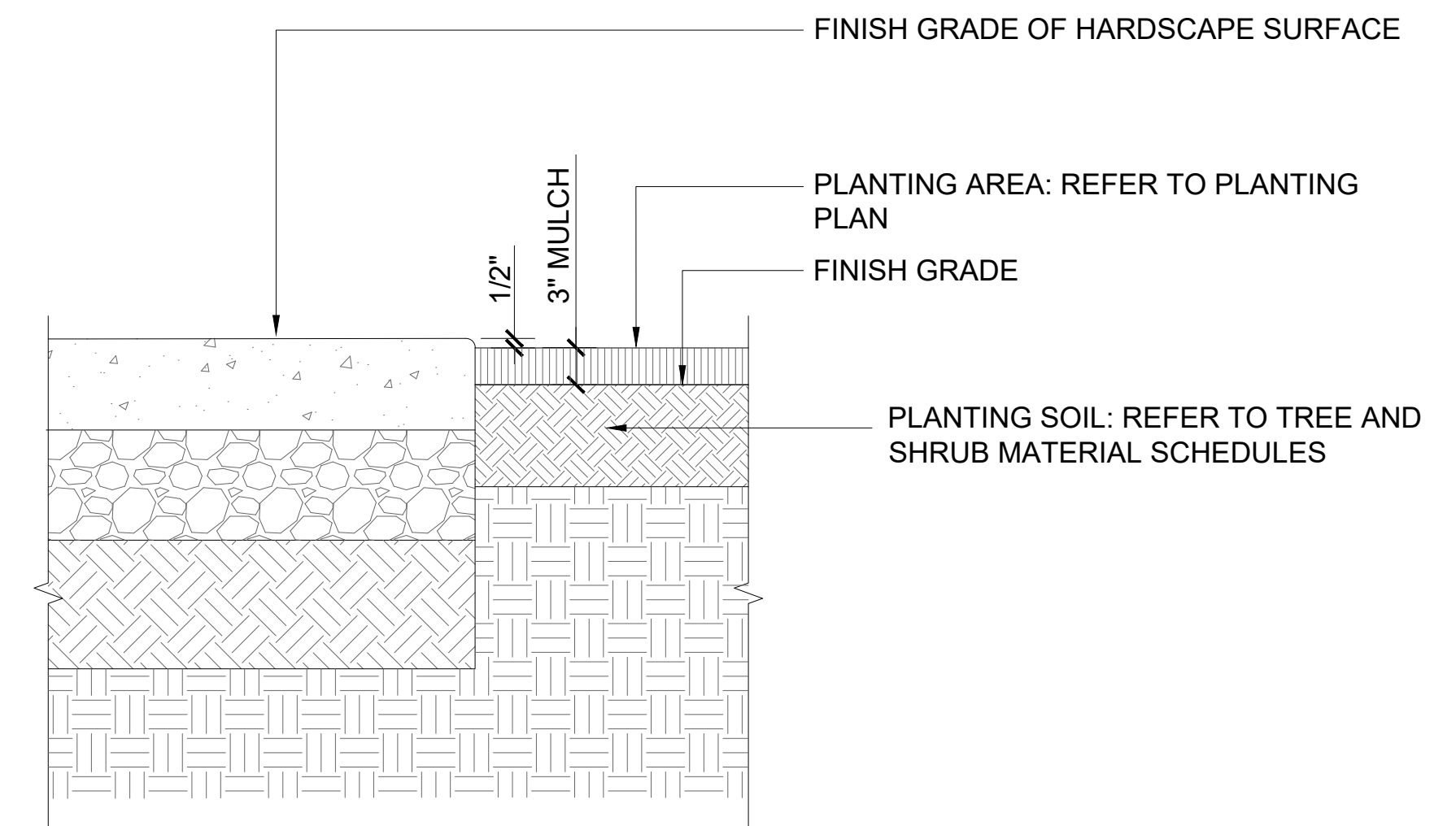
- NOTES:
1. SIGN TO COMPLY WITH MUTCD SPECIFICATIONS AND INSTALL PER FDOT INDEX 700-010.
 2. REFER TO CONSTRUCTION PLAN FOR LOCATION AND TYPE OF EACH SIGN.
 3. CONTRACTOR TO LAYOUT SIGN LOCATION FOR CITY REVIEW AND APPROVAL BEFORE INSTALLATION.



3 REGULATORY SIGN



2 SHRUB/GROUNDCOVER PLANTING - FLAT AREA



1 FINISHED GRADE AT HARDSCAPE
NTS

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Introduction

In July 2022, Oona Johnsen of OJLA asked Dark Moss to provide consulting arborist services for the Drew Park Streetscape Beautification on behalf of the Drew Park Community Redevelopment Agency (CRA). The services requested included a complete tree inventory of the project limits and an arborist report describing the tree inventory findings and recommendations based on those findings.

The Drew Park CRA adopted a Streetscape and Beautification Plan in 2011. Streetscape improvements were recommended on N Lois Avenue and N Grady Ave as part of that plan. The inventory area was located on these two corridors, N Lois Avenue from W Hillsborough Ave south to W Tampa Bay Boulevard (1.52 miles) and N Grady Avenue from W Crest Avenue to W Dr. Martin Luther King Jr. Boulevard (0.85 miles).

Assignment

All trees within the public right-of-way were located and assessed, including any trees within approximately twenty feet of the corridor limits. The assessment included small sections of cross-street rights-of-way at intersections.

Using an aerial photography underlay, the arborist team did a desktop review of potentially protected trees greater than five-inch diameter at breast height (dbh) within 20 feet of the corridor limits. The candidate tree data was imported to a data collection field tablet to conduct the review. The tablet was used to collect observations and photographs as needed. No physical notes were taken. If individual trees not captured in the desktop review were found, they were added to the digital record by generally locating each tree using a Dual XGPS160 SkyPro GPS unit or a Trimble DA2 unit (30cm service) combined with aerial photograph interpretation.

Upon arrival, the team employed the following field review techniques to gather data:

- Species Identification based on training and experience.
- Trunk diameter at breast height (dbh) or 54 inches above the ground, taken either with a Biltmore stick, dbh tape, or visually estimated if inaccessible. For trees with more than one trunk (stem) originating at or near ground level (less than 36" high), the dbh of each stem was measured at 54," and the cross-sectional area of each stem was summed to derive an equivalent single trunk representative dbh.
- Crown spread measurement, taken with a mechanical wheel from the centroid of the trunk. When ground conditions or thick vegetation precluded wheel use, a tape measure or recent aerial photograph was used to measure spread.
- Hazard Rating, scored from 3 to 12 using the LDC 27-284.1.1.

Assessments were one-sided and ground-based. They generally followed ANSI A300 (Part 9)-2017 guidance. However, this assessment is not intended to be used as a tree risk assessment except as described in the City of Tampa Land Development Code Section 27-284.1.1 ("Matheny and Clark" hazard rating format for Grand Trees only). Within this permitting context, the time frame for the assessment was two years.

When typically single-trunked trees are fused at or near the ground, a pith test is performed to determine whether the tree grouping is separate or a single tree. The pith test is based on a technique discussed in the American Forests Champion Trees Measuring Guidelines Handbook (2019).

No soil, water, or tissue tests were conducted.

To tailor the inventory to jurisdictional requirements, data elements collected varied by tree classification:

- Grand Trees: species, dbh, condition rating, crown spread, and "Risk Evaluation" as described in the City of Tampa Land Development Code Section 27-284.1.1 (foreseeable targets may not be known at the time of assessment)
- Protected and specimen trees (not palms): species, dbh, condition rating, and Level 1: Limited Visual Tree Risk Assessment (foreseeable targets may not be known at the time of assessment).
- Palms: species and overall condition rating.
- Invasive trees: species only. (Except Camphor, *Cinnamomum camphora*, any Camphor that is above 32-inch dbh is considered a grand tree in the City of Tampa)

Observations

Trees

- There were 845 trees inventoried and assessed.
- 28 unique species were observed in the inventory.
- The top 3 species by abundance were Sabal Palm, Crape myrtle, and Purple Trumpet Tree.
 - These three species made up 80% of the total trees inventoried.
- Palms made up half of the tree population
- 16 trees were listed invasive species.

Species Diversity

A commonly discussed guideline for urban forest tree diversity is the 10-20-30 rule. "The rule suggests an urban tree population should include no more than 10% of any one species, 20% of any one genus, or 30% of any family." (Marritz, 2013)

The tree diversity on these corridors does not satisfy this guideline because a single species, Sabal Palms, amounts to 48% of the inventory, exceeding all three goal percentages.

Setting and Climate

The USDA Natural Resources Conservation Service classified the Drew Park area as an assembly of the Wabasso-Urban land complex, Myakka-Urban land complex, and Urban land complex. The corridors on N Lois Ave and N Grady Ave are classified as a Wabasso-Urban land complex. These soil types are sandy to a depth of at least three feet and are poorly drained. Water availability in the top 60 inches of the soil is low.

The average annual rainfall for the area is approximately 50 inches per year. (Rainfall) The average high temperature is 84.0 (°F) in August, and the average low temperatures are 62.0 (°F) in January.

Urban Form

The N Lois Avenue right-of-way is approximately 95 feet wide with approximately 42-foot-wide pavement. The N Grady Avenue right-of-way is approximately 85 feet wide with approximately 32-foot-wide pavement. Both corridors have meandering sidewalks and landscaped parkway strips.

The sidewalks on N Lois Avenue are six-feet wide on the west side and eight-feet wide on the east side, leaving a remaining combined landscaped width of approximately 39 feet. The sidewalks on N Grady Avenue are five-feet-wide on both sides of the street, leaving a remaining combined landscaped width of approximately 33 feet. Theoretically, each corridor could support consolidated planter widths sixteen feet wide. Still, the widths of these areas vary due to the meandering sidewalk, driveways, stormwater structures, and other similar appurtenances.

Overhead utilities are extensive on both N Lois Ave and N Grady Ave. The rights of way on the east side of both N Lois Ave and N Grady, except for small segments, have a continuous stretch of overhead utilities on the site. In addition, there are also segments on the west side of the corridors with overhead utilities present.

There are stormwater structures present throughout the site. Within the rights of way on both N Lois Ave and N Grady Ave, shallow swales with catch basins still have the potential to be planted. There are open conveyance stormwater ditches along the site's cross streets that do not support the space for trees to be planted.

The composition of industrial and commercial properties and businesses located along the site results in some portions of N Lois Ave and N Grady Ave having extended impervious rights of way with many driveways that shorten the maximum allowable planting area within the right of way. Many vehicles were observed to be utilizing the open areas within the right of way to park vehicles. The residential section on the south end of N Lois Ave offers less impacted and continuous planting areas within the rights of way.

Discussion

Review of the 2014 Streetscape Plan

Proposed Tree Species

The streetscape recommendations from the 2011 plan were built with City Contracts 12-C-00013 and 12-C-00014 in 2014. Five tree species were proposed along the Lois Avenue corridor and three along Grady Avenue.

List and quantity of proposed trees on N Lois Avenue:

- 12 *Ilex cassine*, Dahoon Holly
- 155 *Lagerstroemia indica* 'Muskogee', Muskogee Crepe Myrtle
- 49 *Prunus angustifolia*, Chickasaw Plum
- 227 *Sabal palmetto*, Sabal Palm
- 89 *Tabebuia impetiginosa*, Purple Trumpet Tree

List and quantity of proposed trees on N Grady Avenue:

- 127 *Sabal palmetto*, Sabal Palm
- 38 *Tabebuia impetiginosa*, Purple Trumpet Tree
- 21 *Taxodium distichum*, Bald Cypress

Survivability

Species	Survivability Rate
<i>Tabebuia impetiginosa</i>	66%
<i>Prunus angustifolia</i>	2%
<i>Taxodium distichum</i>	57%
<i>Lagerstroemia indica</i> 'Muskogee'	>95%
<i>Ilex cassine</i>	92%
<i>Sabal palmetto</i>	*Not calculated*

The success and survivability of the species selected and planted in the 2014 Streetscape Plan were highly variable. Some of the species performed well, while others performed poorly. Reviewing the inventory and current conditions of the trees with what species were planted shows how well the species performed in the project site.

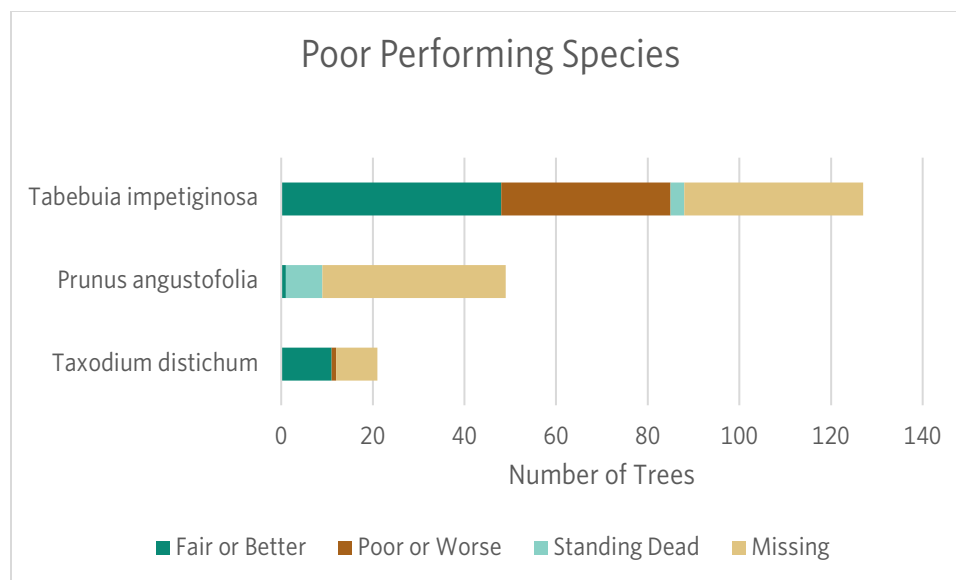
Poor Performance

The performance of the trees on the 2014 Streetscape Plan were evaluated using the criteria of their current condition to that in which they were planted. Trees that were missing at the time of inventory or were in "poor" or "very poor" condition have not performed well since their original planting and therefore are considered to be poor performing trees. Survivability was calculated based on the standing trees that were alive during the inventory compared to the total amount of trees planted in 2014.

The species that fared the poorest overall was the Chickasaw plum (*Prunus angustifolia*). Of the 49 planted, only one tree was still alive when the inventory was conducted. The remaining were either standing dead or completely missing.

The second poorest performing species was the Purple Trumpet Tree (*Tabebuia impetiginosa*); out of the 127 total planted, only 88 were observed at the time of inventory, and the condition was "poor," "very poor," or "standing dead" of about half of them (40). Many of these trees are leaning or have a bowed structure.

The third poorest performing species was the Bald Cypress (*Taxodium distichum*), as only 12 of the 21 total planted trees were observed on site. Although there are missing trees, the remaining Bald Cypress on N Grady Ave are in "fair" to "good" condition. The reason for the remaining missing could not be determined.



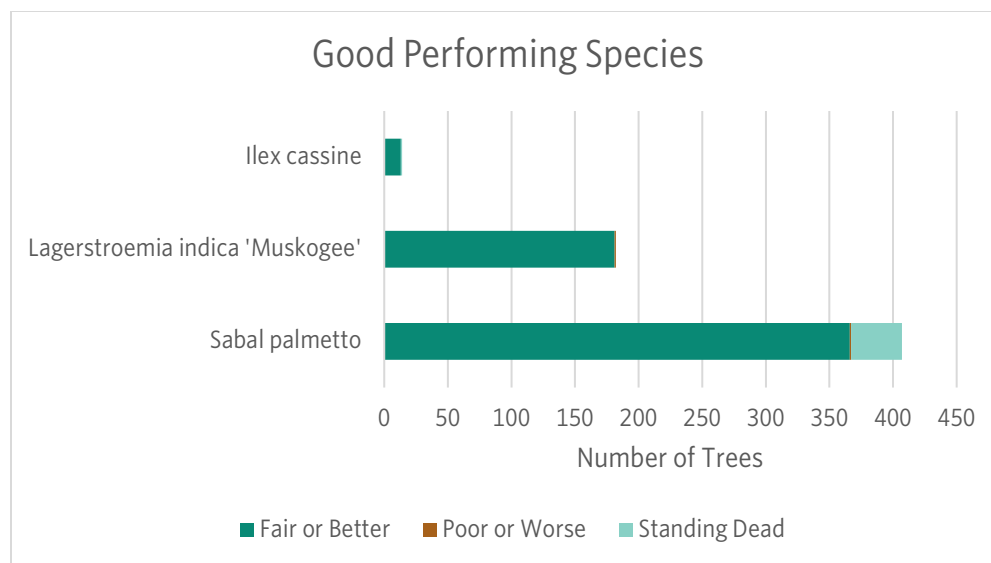
Good Performance

The species performing best in the 2014 Streetscape Plan were the Crape Myrtle, Dahoon Holly, and Sabal Palm. Because of additional planting of similar species since the original trees were planted, the exact survivability was not obtained for the Crape Myrtle and Sabal Palm. There were 182 total crape myrtles observed in the inventory and 152 planted on the original 2014 Streetscape Plan. There were 354 total Sabal Palms planted on the original 2014 Streetscape Plan; the inventory had 407 Sabal Palms. This results from additional Sabal Palms being picked up in the inventory that were off-site, had been planted since 2014, or have grown as volunteers.

Overall, the best-performing species was the Crape Myrtle. All but one tree were in “fair or better” condition, and although the exact survivability cannot be determined, it is assumed that it is above 95%.

The second-best performing species was the Dahoon Holly, having a high survivability rate and only account for 2% of total trees inventoried. Because of their success from the original 2014 Streetscape Plan, the *Ilex* species may be an appropriate species to use where there is any conflict from planting width or overhead utilities to increase species diversity.

The third best-performing species was the Sabal Palm. Although performing well, out of the 407 inventoried along these corridors 40 of them were standing dead. Sabal Palms have a high survivability rate; however, they account for 48% of the total inventory in Drew Park. The 40 standing dead trees have evidence that the cause of death was Lethal Bronzing.



Sabal Palms and Lethal Bronzing

Lethal Bronzing is a palm disease caused by a phytoplasma within the host palms' phloem, the living tissue of a plant, and is spread by insects that feed on the sap. It was first identified in the United States in Hillsborough County in 2006 on *Phoenix* palms species and was given the name Texas Phoenix Palm Decline; however, it was soon discovered that the disease not only affected *Phoenix* palms but also several native palm species in Florida, most notably the Sabal Palm. It has since been given the name Lethal Bronzing Disease.

Common symptoms of a host palm with the Lethal Bronzing Disease pathogen are premature fruit drop and discoloration of the older leaves, followed by the discoloration of younger leaves leading to the eventual death and collapse of the spear leaf. Unfortunately, once a host palm has been identified to have the Lethal Bronzing Disease pathogen, the only management option is to remove it. A preventative antibiotic injection is the only mitigation option that must be administered before a host palm is infected with Lethal Bronzing. Currently, there are no treatments that can save a palm once it has been infected. Because insects vector the pathogen, the removal of symptomatic palms is necessary to prevent the spread of the disease. (Helmick, 2022)

There were 40 standing dead Sabal Palms observed in the inventory. Although Lethal Bronzing can only be confirmed by taking a sample from a symptomatic palm, using past visual images of the site and observations of the dead palms, it is likely that these palms died due to Lethal Bronzing. A high density of Sabal Palms without preventative maintenance of the disease will likely result in further death of palms within the project site.

Standing Dead Trees

A total of six percent of the inventory was accounted for by standing dead trees within the rights of way. There will be gaps within the streetscape planting pattern because of missing trees that had died and since been removed and the dead trees that need to be removed from the site currently.

Several trees in "poor" and "very poor" condition exist within the rights of way. If these trees are removed, a replacement plan will be necessary to retain a pattern in the landscape.

Large Species and Overhead Utility Conflicts

There is a lack of canopy within the two corridors due to the high density of palms and smaller species present within the corridors; the only large-maturing species are those that are offsite and whose canopies encroach into and over the City right of way. Utilizing the wider rights of way without overhead utility lines will be crucial as these will be the only appropriate location for large mature species that will provide shade to the corridors.

Bald Cypress has been utilized as the only large tree at maturity from the 2014 Streetscape Plan. There are opportunities to use similar-sized species; however, there is potential for future sidewalk conflicts if larger species are utilized.

Utilizing larger species where possible is important because of the extent of overhead utilities present within the corridors. Of the inventory, 40% conflicted with overhead utilities. Most of the large type-1 trees observed in this inventory were found offsite, excluding the 21 Bald Cypress, which were not part of the 2014 Streetscape Plan.

There are some opportunities within the scope of the planting site for larger tree species at maturity to provide shade to the corridor. The cross streets within N Lois Ave and N Grady Ave provide wider planting strips that can be utilized to plant larger trees. N Grady Ave has more opportunities for larger trees based on observations and size of rights of way.

Maintenance

Maintenance can contribute to the success of certain tree species in a streetscape planting like Drew Park. Long-term maintenance involving irrigation, bed maintenance, structural pruning, staking, fertilization, and integrated pest management will influence species survivability and success. Observations from the inventory did not show evidence of continual maintenance along these corridors, and the poor performance could result from a lack of maintenance.

Choosing low-maintenance species and having a maintenance plan will allow for long-term success for the trees selected for Drew Park.

Recommendations

Design Considerations

Building Signage

Most of the businesses in the project limits are single story, and the building signage would be obstructed by large maturing tree species exceeding fifteen feet in height. Tree species and location should be coordinated with local businesses where possible planting would present such an obstruction.

Coordination should be considered to prevent improper pruning techniques which would irreversibly degrade tree form conducted by businesses in order to clear vegetation obstructions from signage.

Standing Dead Trees to be Removed

There are 53 standing dead trees within the project limits. We recommend that these trees be removed.

Removal of dead trees can occur anytime, and the removal activity is not subject to permitting requirements. No mitigation is required for dead tree removal.

Additional Trees to be Removed

There are 40 *Tabebuia impetiginosa* that were graded as “poor” or “very poor” condition within the project limits. They are irreversibly damaged or in unrecoverable health. We recommend that these trees be removed.

Removal of live trees requires a tree removal permit and is subject to permitting requirements and mitigation.

Mulch Bed Consolidation

We observed and were told that there was turf was being chemically controlled at the base of each tree creating a ring of dirt at the base of singular trees.

We recommend that mulch rings be consolidated to simplify maintenance and reduce the need for chemical application around the trees.

Species Selection

Based off the observations of the inventory, we created a planting palette recommendation list using the following considerations:

- No palms should be used due to the existing palm abundance of 50% inventory.
- No shrubby, wide form species should be used due to the urban roadside which can result in obstructions.
- No Chickasaw plums or *Tabebuias* should be used because of the poor performance from the 2014 Streetscape Plan.
- Species selected should have drought tolerance of moderate to high should be selected due to the urban soil form.
- Species selected should appropriate for hardiness zone 10A because of change in climate and expected future site conditions.

Permitting Requirements

Plan Requirements

The construction plans should include several plan components, notes, and details to accomplish tree preservation as required by the Landscape Technical Manual. Plans should include the following:

- 1) Show the location, species, and dbh of all trees within the limits of work
- 2) Show tree information overlaid on the plan sheets so conflicts can be illustrated and evaluated.
 - a. For grand trees within the limits of work, crown spread dimensions must be provided.
- 3) Show tree protection requirements, including:
 - a. The minimum tree protection zone (TPZ),
 - b. The actual tree protection fencing extents,
 - c. Limits of construction canopy pruning,
 - d. Extents of root pruning, either selective or non-selective,
 - e. Tree protection notes (provided in the next paragraph), and
 - f. Tree protection details (attached)
- 4) Show the method of excavation within the TPZ
 - a. illustrate the extent to which horizontal directional drilling, boring, missile boring, hand digging, air excavation, or similar techniques.

The highlighted elements have been provided in CAD or excel as part of this assignment.

Tree Protection Notes

The design team should include the following tree protection notes in all plan sets:

- 1) Minimum protection standards shall be met for all protected trees before any construction activities on a development site and in the public and private right-of-way, per the tree protection graphics provided.
- 2) No predevelopment conditions change within the approved protective root zone during construction.
- 3) Protective barricades may be removed only to prepare the development site for final landscaping activities. Only non-mechanical techniques may occur within the designated protective root zone during this activity. No alteration(s) of any kind shall be made to any part of the tree (roots, trunk, canopy/crown) other than those approved by the Natural Resources Coordinator or designee as part of the related permit.
- 4) No parking or storing of vehicles, equipment, or materials is permitted within the minimum protective area at any time.

- 5) No site clearing or grading is permitted within the minimum protective area other than those changes approved by the Natural Resources Coordinator or designee as part of the related permit.
- 6) By Section 22-328, the Contractor shall adhere to the protection and pruning standards outlined in chapter 27-284 and ANSI standards for protected, specimen, and grand tree species, located in the public rights-of-way and on private property. A provider shall not prune, remove, or irreversibly damage any protected or grand tree, as defined in chapter 27-284 of this Code, unless a permit issued by the city authorizes such activity.
- 7) All root pruning shall be overseen and approved by an arborist before the pre-construction site inspection.
- 8) All roots must be severed cleanly at the protective root zone of protected and grand trees to prevent root damage.
- 9) Root pruning must be performed using equipment specifically designed for root pruning, such as hand pruners, loppers, hand saws, reciprocating saws, oscillating saws, or small chain saws or mechanical root cutting equipment (i.e., Vermeer). Stump grinders are not acceptable.
- 10) Root pruning must be performed before construction activities are inspected before requesting inspections. Contact Brian Knox at 813-274-3187.

Bibliography

Helmick, B. W. (2022, July 10). *UF IFAS Extension*. Retrieved from IFAS:
<https://edis.ifas.ufl.edu/publication/PP163>

Marritz, L. (2013, December 16). *Is The 10-20-30 Rule for Tree Diversity Adequate?* Retrieved from
deeproot: <https://www.deeproot.com/blog/blog-entries/is-the-10-20-30-rule-for-tree-diversity-adequate/>



Bauhinia blakeana

☒ CANDIDATE

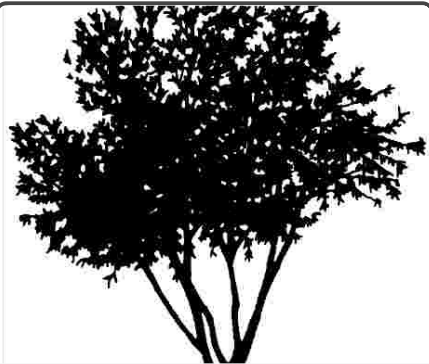


A COMMON NAME(S)

Hong Kong orchid tree

URL

<https://edis.ifas.ufl.edu/publica...>



Callistemon citrinus

☒ CANDIDATE

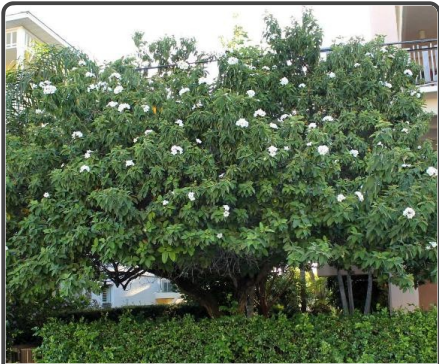


A COMMON NAME(S)

Red bottlebrush, lemon bottle...

URL

<https://edis.ifas.ufl.edu/publica...>



Cordia boissieri

☒ CANDIDATE



A COMMON NAME(S)

Texas Olive, Wild Olive, Anacah...

URL

<https://edis.ifas.ufl.edu/publica...>



Eriobotrya japonica

☒ CANDIDATE



A COMMON NAME(S)

loquat

URL

<https://edis.ifas.ufl.edu/publica...>



Ilex cassine

☒ CANDIDATE



A COMMON NAME(S)

Dahoon holly

URL

<https://edis.ifas.ufl.edu/publica...>



Lagerstroemia x

☒ CANDIDATE



A COMMON NAME(S)

'Muskogee' Crapemyrtle

URL

<https://edis.ifas.ufl.edu/publica...>



Lagerstroemia x

☒ CANDIDATE



A COMMON NAME(S)

'Natchez' Crapemyrtle

 URL

<https://edis.ifas.ufl.edu/publica...>



Ligustrum japonicum

☒ CANDIDATE



A COMMON NAME(S)

Japanese privet, wax-leaf privet

 URL

<https://edis.ifas.ufl.edu/publica...>



Parkinsonia aculeata

☒ CANDIDATE



A COMMON NAME(S)

Jerusalem-thorn, retama

 URL

<https://edis.ifas.ufl.edu/publica...>



Podocarpus macrophyllus

☒ CANDIDATE



A COMMON NAME(S)

Yew podocarpus, yew-pine, Jap...

 URL

<https://edis.ifas.ufl.edu/publica...>

TREE PROTECTION FOR GRAND TREE

8.5"x11" cardboard warning with 2" hgt. black lettering. Sign to be laminated in a plastic material to be waterproof, and fastened to fence with plastic zipties or equivalent to prevent sagging. Locate one (1) sign every 50' along fence.

Crown spread/drip line or other limit of Tree Protection

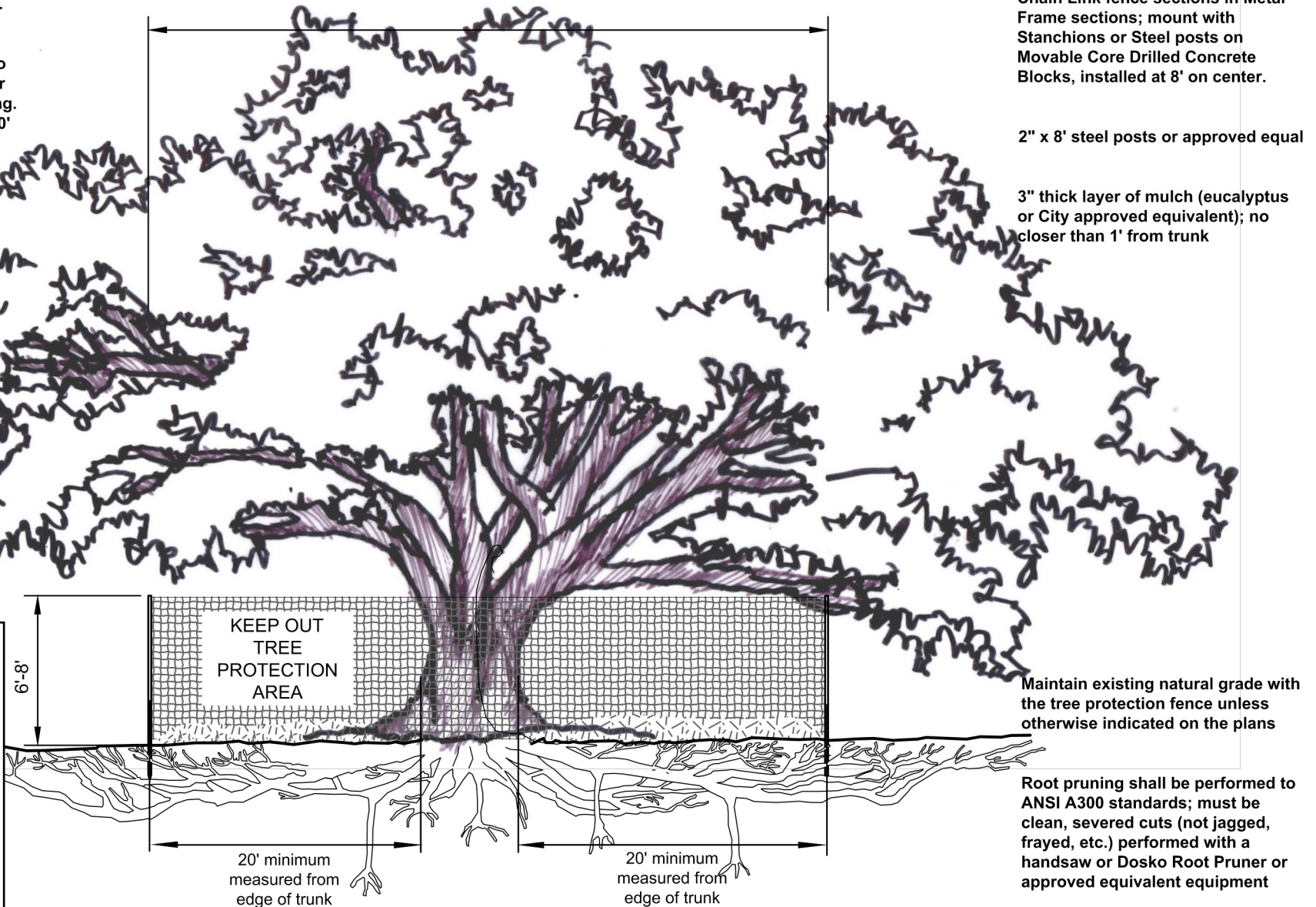
Tree Protection fence: 6'-8' hgt. Chain Link fence sections in Metal Frame sections; mount with Stanchions or Steel posts on Movable Core Drilled Concrete Blocks, installed at 8' on center.

2" x 8' steel posts or approved equal

3" thick layer of mulch (eucalyptus or City approved equivalent); no closer than 1' from trunk

NOTES:

- 1- See specifications for additional tree protection requirements.
- 2- If there is no existing irrigation, see specifications for watering requirements.
- 3- Pruning shall be performed to ANSI A300 standards.
- 4- No equipment shall operate inside the protective fencing including during fence installation and removal.
- 5- See site preparation plan for any modifications with the Tree Protection area.



Maintain existing natural grade with the tree protection fence unless otherwise indicated on the plans

Root pruning shall be performed to ANSI A300 standards; must be clean, severed cuts (not jagged, frayed, etc.) performed with a handsaw or Dosko Root Pruner or approved equivalent equipment

area. See tree preservation plan for fence alignment.

Crown spread/drip line or other limit of Tree Protection area. See tree preservation plan for fence alignment.

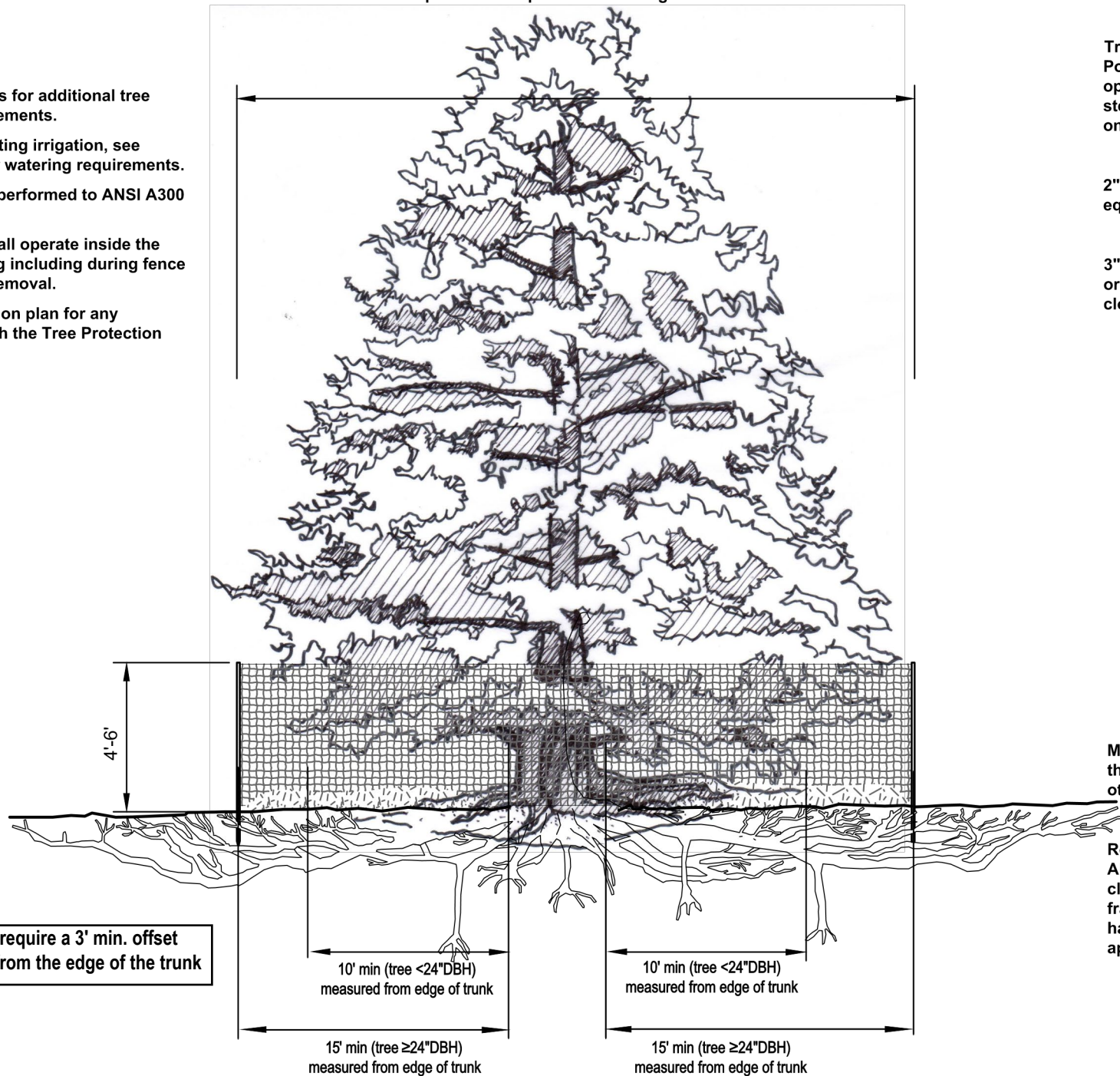
NOTES:

- 1- See specifications for additional tree protection requirements.
- 2- If there is no existing irrigation, see specifications for watering requirements.
- 3- Pruning shall be performed to ANSI A300 standards.
- 4- No equipment shall operate inside the protective fencing including during fence installation and removal.
- 5- See site preparation plan for any modifications with the Tree Protection

Tree Protection fence: High Density Polyethylene Fencing with 3.5"x1.5" openings; color orange; attach to steel or wood posts installed at 6'-8' on center.

2" x 4' to 6' steel posts or approved equal

3" thick layer of mulch (eucalyptus or City approved equivalent); no closer than 1' from trunk



Palm trees require a 3' min. offset measured from the edge of the trunk

10' min (tree <24"DBH)
measured from edge of trunk

15' min (tree ≥24"DBH)
measured from edge of trunk

10' min (tree <24"DBH)
measured from edge of trunk

15' min (tree ≥24"DBH)
measured from edge of trunk

Maintain existing natural grade with the tree protection fence unless otherwise indicated on the plans

Root pruning shall be performed to ANSI A300 standards; must be clean, severed cuts (not jagged, frayed, etc.) performed with a handsaw or Dosko Root Pruner or approved equivalent equipment

TREE #	SYM	Botanical Name	Common Name	is grand?	Permit DBH	H-S-F=	CR-HAZ	CLR	SR	Disposition	Matrix	Subtype	Hazard Rating	INVASIVE	ABC	GONE2	PROTECTED	grand.subtype	GROUP	hazclass	is palm
1	QL	<i>Quercus laurifolia</i>	Laurel Oak		17	(B-C-)	B-3	B	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
2	QL	<i>Quercus laurifolia</i>	Laurel Oak		13	(B-C-)	B-3	B	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
3	QV	<i>Quercus virginiana</i>	Southern Live Oak		14	(B-C-)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
8	QV	<i>Quercus virginiana</i>	Southern Live Oak	Grand	34	(-B-B)	B-4	B	90	Offsite	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
37	QL	<i>Quercus laurifolia</i>	Laurel Oak		28	(B-B-B)	B-4	B	70	Offsite	F1	1D	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
108	QL	<i>Quercus laurifolia</i>	Laurel Oak		12	(C-C-D)	C-5	C	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
119	QL	<i>Quercus laurifolia</i>	Laurel Oak		27	(F-D-F)	F-5	F	70	Offsite	F1	1D	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
158	QL	<i>Quercus laurifolia</i>	Laurel Oak	Grand	50	(B-C-C)	C-4	C	70	Offsite	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
195	QV	<i>Quercus virginiana</i>	Southern Live Oak		20	(A-C-B)	B-6	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
200	QV	<i>Quercus virginiana</i>	Southern Live Oak		29	(A-C-)	B-3	B	90	Offsite	F1	1D	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
215	QV	<i>Quercus virginiana</i>	Southern Live Oak		22	(-D-D)	C-3	C	90	Offsite	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
216	QL	<i>Quercus laurifolia</i>	Laurel Oak	Grand	35	(B-D-C)	C-7	C	70	Offsite	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
227	QV	<i>Quercus virginiana</i>	Southern Live Oak	Grand	50	(-C-)	B-7	B	90	Preserved	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
237	QV	<i>Quercus virginiana</i>	Southern Live Oak		28	(-C-B)	B-4	B	90	Offsite	F1	1D	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
238	QL	<i>Quercus laurifolia</i>	Laurel Oak		25	(C-C-C)	C-4	C	70	Offsite	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
240	QV	<i>Quercus virginiana</i>	Southern Live Oak	Grand	36	(B-C-B)	B-5	B	90	Preserved	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
246	QV	<i>Quercus virginiana</i>	Southern Live Oak		6	(B-C-B)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
247	QV	<i>Quercus virginiana</i>	Southern Live Oak		6	(B-C-B)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
248	QV	<i>Quercus virginiana</i>	Southern Live Oak		6	(B-C-B)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
249	QV	<i>Quercus virginiana</i>	Southern Live Oak		7	(B-C-B)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
256	QV	<i>Quercus virginiana</i>	Southern Live Oak		12	(-B-)	B-4	B	90	Preserved	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
257	QV	<i>Quercus virginiana</i>	Southern Live Oak		12	(-B-)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
267	QV	<i>Quercus virginiana</i>	Southern Live Oak		6	(-C-)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
268	QL	<i>Quercus laurifolia</i>	Laurel Oak		25	(-C-)	B-4	B	70	Preserved	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
269	QV	<i>Quercus virginiana</i>	Southern Live Oak		7	(-C-)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
270	QV	<i>Quercus virginiana</i>	Southern Live Oak		7	(-B-)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
271	QV	<i>Quercus virginiana</i>	Southern Live Oak	Grand	32	(B-C-B)	C-5	C	90	Preserved	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
272	QV	<i>Quercus virginiana</i>	Southern Live Oak	Grand	34	(B-C-B)	B-5	B	90	Preserved	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
273	QV	<i>Quercus virginiana</i>	Southern Live Oak		16	(-B-)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
283	QV	<i>Quercus virginiana</i>	Southern Live Oak	Grand	50	(D-D-B)	D-6	D	90	Offsite	F1	1H	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Grand	hazard	FALSE
295	QV	<i>Quercus virginiana</i>	Southern Live Oak	Grand	34	(B-C-B)	B-5	B	90	Preserved	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
369	QL	<i>Quercus laurifolia</i>	Laurel Oak		30	(C-C-C)	C-4	C	70	Offsite	F1	1D	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
392	QV	<i>Quercus virginiana</i>	Southern Live Oak		15	(B-D-D)	C-3	C	90	Preserved	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
393	QV	<i>Quercus virginiana</i>	Southern Live Oak		14	(B-C-B)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
394	QV	<i>Quercus virginiana</i>	Southern Live Oak		12	(B-C-B)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
412	QV	<i>Quercus virginiana</i>	Southern Live Oak	Grand	32	(-C-)	B-3	B	90	Offsite	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
422	QV	<i>Quercus virginiana</i>	Southern Live Oak		3	(B-F-F)	D-3	D	90	[--REMOVED--]	F1	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
431	QV	<i>Quercus virginiana</i>	Southern Live Oak		4	(B-C-C)	B-3	B	90	Preserved	F1	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
479	QL	<i>Quercus laurifolia</i>	Laurel Oak		28	(C-D-D)	D-4	D	70	Offsite	F1	1D	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
495	QV	<i>Quercus virginiana</i>	Southern Live Oak		22	(-D-D)	C-3	C	90	Preserved	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
542	QL	<i>Quercus laurifolia</i>	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
543	QL	<i>Quercus laurifolia</i>	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
544	QL	<i>Quercus laurifolia</i>	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
545	QL	<i>Quercus laurifolia</i>	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
546	QL	<i>Quercus laurifolia</i>	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
547	QL	<i>Quercus laurifolia</i>	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
548	QL	<i>Quercus laurifolia</i>	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
552	QL	<i>Quercus laurifolia</i>	Laurel Oak		8	(B-C-C)	C-3	C	70	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
553	CC	<i>Cinnamomum camphora</i>	Camphor	Grand	45	(B-C-B)	B-3	B	10	Offsite	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
554	QV	<i>Quercus virginiana</i>	Southern Live Oak		16	(B-C-B)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
560	QL	<i>Quercus laurifolia</i>	Laurel Oak		23	(C-D-D)	D-5	D	70	Offsite	F1	1C	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
573	QL	<i>Quercus laurifolia</i>	Laurel Oak		19	(-B-C)	B-3	B	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
576	QL	<i>Quercus laurifolia</i>	Laurel Oak		21	(B-C-C)	C-4	C	70	Offsite	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
580	QV	<i>Quercus virginiana</i>	Southern Live Oak		16	(-C-B)	C-3	C	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
584	MG	<i>Magnolia grandiflora</i>	Southern Magnolia		3	(-B-)	B-3	B	70	Offsite	F1	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE

DREW PARK
LOIS AVENUE GRADY AVENUE TREE TABLE

587	MG	Magnolia grandiflora	Southern Magnolia	3	(-B-)	B-3	B	70	Offsite	F1	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
619	QL	Quercus laurifolia	Laurel Oak	13	(F-B-D)	F-5	F	70	Offsite	F1	1B	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE	
624	QL	Quercus laurifolia	Laurel Oak	14	(C-D-D)	C-3	C	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
637	QL	Quercus laurifolia	Laurel Oak	27	(C-D-D)	C-4	C	70	Offsite	F1	1D	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
678	QV	Quercus virginiana	Southern Live Oak	5	(-C-C)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
703	QL	Quercus laurifolia	Laurel Oak	28	(B-C-B)	B-3	B	70	Offsite	F1	1D	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
706	QL	Quercus laurifolia	Laurel Oak	21	(B-B-)	B-3	B	70	Offsite	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
707	QL	Quercus laurifolia	Laurel Oak	14	(-F-F)	D-3	D	70	Offsite	F1	1B	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE	
711	QL	Quercus laurifolia	Laurel Oak	Grand	33	(-C-C)	B-3	B	70	Preserved	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
712	QL	Quercus laurifolia	Laurel Oak	30	(D-D-F)	D-6	D	70	Offsite	F1	1D	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE	
713	QL	Quercus laurifolia	Laurel Oak	14	(-C-C)	C-3	C	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
718	QV	Quercus virginiana	Southern Live Oak	19	(B-B-B)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
739	QL	Quercus laurifolia	Laurel Oak	24	(C-C-C)	C-4	C	70	Offsite	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
740	QL	Quercus laurifolia	Laurel Oak	15	(B-C-B)	B-3	B	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
741	QL	Quercus laurifolia	Laurel Oak	13	(-B-)	B-3	B	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
743	QV	Quercus virginiana	Southern Live Oak	13	(-B-B)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
750	QL	Quercus laurifolia	Laurel Oak	15	(B-F-D)	D-3	D	70	[--REMOVED--]	F1	1B	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE	
754	QL	Quercus laurifolia	Laurel Oak	10	(B-F-D)	D-3	D	70	Offsite	F1	1A	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE	
755	QL	Quercus laurifolia	Laurel Oak	Grand	36	(F-F-D)	F-5	F	70	Offsite	F1	1H	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Grand	hazard	FALSE
761	QV	Quercus virginiana	Southern Live Oak	6	(-C-)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
762	QV	Quercus virginiana	Southern Live Oak	7	(-C-)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
763	QV	Quercus virginiana	Southern Live Oak	12	(-C-)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
764	MG	Magnolia grandiflora	Southern Magnolia	11	(B-C-B)	B-3	B	70	Preserved	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
767	QV	Quercus virginiana	Southern Live Oak	12	(-C-B)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
771	QL	Quercus laurifolia	Laurel Oak	Grand	40	(B-C-B)	B-4	B	70	Offsite	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
798	AR	Acer rubrum	Red Maple	23	(D-D-D)	D-5	D	70	[--REMOVED--]	F1	1C	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE	
804	QV	Quercus virginiana	Southern Live Oak	Grand	37	(B-B-A)	B-5	B	90	Offsite	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
807	QL	Quercus laurifolia	Laurel Oak	13	(C-C-D)	C-5	C	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
808	QL	Quercus laurifolia	Laurel Oak	23	(C-C-D)	D-5	D	70	Offsite	F1	1C	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE	
809	QL	Quercus laurifolia	Laurel Oak	24	(B-B-C)	B-3	B	70	Offsite	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
818	QV	Quercus virginiana	Southern Live Oak	9	(B-C-C)	C-3	C	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
821	QV	Quercus virginiana	Southern Live Oak	5	(-C-B)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
823	QL	Quercus laurifolia	Laurel Oak	9	(B-C-)	B-3	B	70	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
827	QL	Quercus laurifolia	Laurel Oak	28	(D-C-D)	D-5	D	70	Offsite	F1	1D	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE	
840	QL	Quercus laurifolia	Laurel Oak	6	(B-F-F)	D-3	D	70	Offsite	F1	1A	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE	
846	QV	Quercus virginiana	Southern Live Oak	15	(B-D-C)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
847	QV	Quercus virginiana	Southern Live Oak	2	(B-C-)	B-3	B	90	Preserved	F1	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
872	QV	Quercus virginiana	Southern Live Oak	2	(-C-)	B-3	B	90	Preserved	F1	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
874	QL	Quercus laurifolia	Laurel Oak	22	(C-C-D)	C-4	C	70	Preserved	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
877	QL	Quercus laurifolia	Laurel Oak	17	(B-D-D)	C-4	C	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
886	QV	Quercus virginiana	Southern Live Oak	Grand	32	(B-D-D)	C-5	C	90	Preserved	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
894	QL	Quercus laurifolia	Laurel Oak	9	(B-C-C)	C-3	C	70	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
900	QV	Quercus virginiana	Southern Live Oak	6	(-C-C)	C-3	C	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
459	IC	Ilex cassine	Dahoon Holly	3	(B-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
460	IC	Ilex cassine	Dahoon Holly	3	(B-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
461	IC	Ilex cassine	Dahoon Holly	3	(B-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
468	IC	Ilex cassine	Dahoon Holly	3	(B-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
469	IC	Ilex cassine	Dahoon Holly	3	(-D-)	C-3	C	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
470	IC	Ilex cassine	Dahoon Holly	3	(B-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
492	IC	Ilex cassine	Dahoon Holly	3	(B-B-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
493	IC	Ilex cassine	Dahoon Holly	3	(B-B-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
549	IC	Ilex cassine	Dahoon Holly	4	(B-B-B)	B-3	B	70	Offsite	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
550	IC	Ilex cassine	Dahoon Holly	4	(C-C-C)	C-3	C	70	Offsite	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
551	IC	Ilex cassine	Dahoon Holly	4	(-)	X-4	X	70	Offsite	F2	XX	NA	FALSE	FALSE	FALSE	Protected	FALSE	Protected	0	FALSE	
610	PE	Pinus elliottii	Slash Pine	12	(A-C-C)	C-3	C	70	Offsite	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	
611	PE	Pinus elliottii	Slash Pine	21	(-C-D)	C-4	C	70	Offsite	F2	2B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE	

612	PE	<i>Pinus elliotii</i>	Slash Pine	13	(-D-D)	C-3	C	70	Offsite	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
615	PE	<i>Pinus elliotii</i>	Slash Pine	11	(B-C-C)	C-3	C	70	Offsite	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
704	TD	<i>Taxodium distichum</i>	Bald Cypress	6	(-B-)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
705	TD	<i>Taxodium distichum</i>	Bald Cypress	7	(-B-)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
726	TD	<i>Taxodium distichum</i>	Bald Cypress	6	(-B-)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
727	TD	<i>Taxodium distichum</i>	Bald Cypress	6	(-B-)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
728	TD	<i>Taxodium distichum</i>	Bald Cypress	6	(-B-)	B-3	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
751	TD	<i>Taxodium distichum</i>	Bald Cypress	4	(B-B-)	B-4	B	90	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
752	TD	<i>Taxodium distichum</i>	Bald Cypress	4	(B-B-)	B-4	B	90	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
756	TD	<i>Taxodium distichum</i>	Bald Cypress	5	(-B-)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
757	TD	<i>Taxodium distichum</i>	Bald Cypress	6	(-B-)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
780	TD	<i>Taxodium distichum</i>	Bald Cypress	11	(A-B-A)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
781	TD	<i>Taxodium distichum</i>	Bald Cypress	5	(B-B-B)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
782	TD	<i>Taxodium distichum</i>	Bald Cypress	7	(B-F-D)	D-4	D	90	[--REMOVED--]	F2	2A	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
830	PEC		Shortleaf pine	13	(B-B-)	B-3	B		Offsite	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
844	IC	<i>Ilex cassine</i>	Dahoon Holly	3	(B-C-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
858	IC	<i>Ilex cassine</i>	Dahoon Holly	3	(B-C-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
906	IC	<i>Ilex cassine</i>	Dahoon Holly	3	(B-C-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
31	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(C-F-F)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
32	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(C-C-C)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
38	LI	<i>Lagerstroemia indica</i>	Crapemyrtle	8	(B-)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
39	LI	<i>Lagerstroemia indica</i>	Crapemyrtle	7	(B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
42	LI	<i>Lagerstroemia indica</i>	Crapemyrtle	7	(B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
43	LI	<i>Lagerstroemia indica</i>	Crapemyrtle	5	(B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
44	LI	<i>Lagerstroemia indica</i>	Crapemyrtle	6	(B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
57	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(D-B-D)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
58	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(B-C-)	B-3	B	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
59	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	4	(C-C-C)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
62	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	4	(C-C-)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
63	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	4	(C-C-)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
64	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(C-D-)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
69	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	4	(C-C-)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
70	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	4	(C-C-)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
71	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(C-C-)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
75	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	4	(C-C-)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
76	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	5	(B-C-)	B-3	B	50	Offsite	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
77	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	4	(C-C-)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
78	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(F-C-D)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
79	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(F-F-D)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
81	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(-)	X-4	X	50	Offsite	F3	XX	NA	FALSE	FALSE	FALSE	Protected	FALSE	Protected	0	FALSE
82	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(D-D-C)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
83	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(D-C-D)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
84	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	4	(C-C-C)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
85	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(F-C-)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
86	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(F-C-)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
87	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	5	(B-F-)	D-3	D	50	[--REMOVED--]	F3	3A	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
109	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(D-F-D)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
110	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(C-C-C)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
136	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	5	(C-C-C)	C-3	C	50	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
137	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	4	(C-C-C)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
138	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(D-F-D)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
139	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(C-C-C)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
140	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(F-C-D)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
141	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	3	(C-D-F)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
143	LI		Ligustrum japonicum (Japanese Privet)	5	(B-)	B-3	B	90	Offsite	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
144	TAH	<i>Tabebuia heterophylla</i>	Pink Trumpet Tree	5	(D-D-D)	D-3	D	50	[--REMOVED--]	F3	3A	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE

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DREW PARK
LOIS AVENUE GRADY AVENUE TREE TABLE

683	ST	<i>Schinus terebinthifolius</i>	Brazilian Pepper	(-)	-	Y	0	Offsite	X1	X1	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE	
688	MQ	<i>Melaleuca quinquenervia</i>	Punk Tree	(-)	-	Y	0	Offsite	X1	X1	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE	
689	MQ	<i>Melaleuca quinquenervia</i>	Punk Tree	(-)	-	Y	0	Offsite	X1	X1	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE	
211	SR	<i>Syagrus romanzoffiana</i>	Queen Palm	(-)	-	Y	0	Offsite	X2	X2	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE	
212	SR	<i>Syagrus romanzoffiana</i>	Queen Palm	(-)	-	Y	0	Offsite	X2	X2	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE	
288	PR	<i>Phoenix reclinata</i>	Senegal Date Palm	(-B)	B-3	Y	70	[--REMOVED--]	X2	X2	non	TRUE	TRUE	TRUE	Exempt	FALSE	Exempt	non	FALSE	
708	SR	<i>Syagrus romanzoffiana</i>	Queen Palm	(-)	-	Y	0	Offsite	X2	X2	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE	
709	SR	<i>Syagrus romanzoffiana</i>	Queen Palm	(-)	-	Y	0	Offsite	X2	X2	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE	
721	SR	<i>Syagrus romanzoffiana</i>	Queen Palm	(-)	-	Y	0	Offsite	X2	X2	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE	
722	SR	<i>Syagrus romanzoffiana</i>	Queen Palm	(-)	-	Y	0	Offsite	X2	X2	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE	
759	WR	<i>Washingtonia robusta</i>	Washington Palm	(-)	A-3	Y	70	Offsite	X2	X2	non	TRUE	TRUE	FALSE	Exempt	FALSE	Exempt	non	FALSE	
815	SJ	<i>Syzygium jambos</i>	Rose-apple	2	(-)	X-3	Y	0	[--REMOVED--]	X2	X2	NA	TRUE	FALSE	TRUE	Exempt	FALSE	Exempt	0	FALSE
822	SJ	<i>Syzygium jambos</i>	Rose-apple	3	(-)	X-3	Y	0	[--REMOVED--]	X2	X2	NA	TRUE	FALSE	TRUE	Exempt	FALSE	Exempt	0	FALSE
832	SJ	<i>Syzygium jambos</i>	Rose-apple		(-)	-	Y	0	[--REMOVED--]	X2	X2	NA	TRUE	FALSE	TRUE	Exempt	FALSE	Exempt	0	FALSE
833	SJ	<i>Syzygium jambos</i>	Rose-apple	2	(-)	X-3	Y	0	[--REMOVED--]	X2	X2	NA	TRUE	FALSE	TRUE	Exempt	FALSE	Exempt	0	FALSE
854	SJ	<i>Syzygium jambos</i>	Rose-apple	3	(-)	X-3	Y	0	Preserved	X2	X2	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE
869	SR	<i>Syagrus romanzoffiana</i>	Queen Palm	(-)	-	Y	0	Offsite	X2	X2	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE	
870	SJ	<i>Syzygium jambos</i>	Rose-apple	3	(-)	X-3	Y	0	[--REMOVED--]	X2	X2	NA	TRUE	FALSE	TRUE	Exempt	FALSE	Exempt	0	FALSE
898	SJ	<i>Syzygium jambos</i>	Rose-apple	2	(-)	X-3	Y	0	[--REMOVED--]	X2	X2	NA	TRUE	FALSE	TRUE	Exempt	FALSE	Exempt	0	FALSE
907	SJ	<i>Syzygium jambos</i>	Rose-apple	3	(-)	X-3	Y	0	[--REMOVED--]	X2	X2	NA	TRUE	FALSE	TRUE	Exempt	FALSE	Exempt	0	FALSE
915	SJ	<i>Syzygium jambos</i>	Rose-apple	2	(-)	X-3	Y	0	[--REMOVED--]	X2	X2	NA	TRUE	FALSE	TRUE	Exempt	FALSE	Exempt	0	FALSE