CITY OF TAMPA

CONDITIONS

Permit Number : ROW-24-0001241

Approved Date : 8/7/2024

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

Work Description : Project work is limited within the Drew Park Community redevelopment Area (CRA), within the right of way, along Lois Avenue (from W Hillsborough Avenue to W Tampa Bay Boulevard). 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 Lois Ave (W Hillsborough Ave - W Tampa Bay 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 Lois Ave

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

Work Start Date : 09/16/2024 **Work End Date :** 09/16/2025

Work Start Time : 9:00 AM **Work End Time :** 4:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue **MOT Setup:** Continuous

Work Location (Street Name) : N Lois 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 : 9:00 AM **Work End Time :** 4:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue **MOT Setup:** Continuous

Work Location (Street Name) : N Lois 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 : 9:00 AM **Work End Time :** 4:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue **MOT Setup:** Continuous

Work Location (Street Name) : N Lois 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 : 9:00 AM **Work End Time :** 4:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue **MOT Setup:** Continuous

Work Location (Street Name) : N Lois 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 : 9:00 AM **Work End Time :** 4:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue **MOT Setup:** Continuous

Work Location (Street Name) : N Lois 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 : 9:00 AM **Work End Time :** 4:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue **MOT Setup:** Continuous

Work Location (Street Name) : N Lois Ave

Between (Street Names) : W Orient St & W Dr Martin Luther King Jr Blvd

Work Start Date : 09/16/2024 **Work End Date :** 09/16/2025

Work Start Time : 9:00 AM **Work End Time :** 4:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue **MOT Setup:** Continuous

Work Location (Street Name) : N Lois Ave

Between (Street Names) : W Virginia Ave & W Orient St

Work Start Date : 09/16/2024 **Work End Date :** 09/16/2025

Work Start Time : 9:00 AM **Work End Time :** 4:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue **MOT Setup:** Continuous

Work Location (Street Name) : N Lois Ave

Between (Street Names) : W Kentucky Ave & W Virginia Ave

Work Start Date : 09/16/2024 **Work End Date :** 09/16/2025

Work Start Time : 9:00 AM **Work End Time :** 4:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue **MOT Setup:** Continuous

Work Location (Street Name) : N Lois Ave

Between (Street Names) : W Ohio Ave & W Kentucky Ave

Work Start Date : 09/16/2024 **Work End Date :** 09/16/2025

Work Start Time : 9:00 AM **Work End Time :** 4:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue **MOT Setup:** Continuous

Work Location (Street Name) : N Lois Ave

Between (Street Names) : W Woodlawn Ave & W Ohio Ave

Work Start Date : 09/16/2024 **Work End Date :** 09/16/2025

Work Start Time : 9:00 AM **Work End Time :** 4:00 PM

Type of Work : Sidewalk Closure for Maintenance or Repair or Safety Issue **MOT Setup:** Continuous

Work Location (Street Name) : N Lois Ave

Between (Street Names) : W Tampa Bay Blvd & W Woodlawn Ave

Work Start Date : 09/16/2024 **Work End Date :** 09/16/2025

Work Start Time : 9:00 AM **Work End Time :** 4:00 PM

Reviewing Agencies Comment(s) :

Natural Resources Review : Approved : 07-30-2024

Stormwater Review : No Conflict : 08-02-2024

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 : 07-18-2024

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 watermapsandasbuilts@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.

The City of Tampa Water
Department has facilities within the project area; there are multiple water valves that will need to be adjusted in conjunction with the roadway paving, see attached 'Water Document' for details.
(Detail 3.05)

Trans-Signal Review : Approved : 07-30-2024

Trans-Design Review : Approved with Conditions : 08-05-2024

1) all sidewalks and curb ramps shall be ADA compliant
2) landscaped areas and drainage swales near sidewalks shall be graded to avoid a drop- off condition as described in the Florida Design Manual section 222.4.
3) Sidewalks shall be maintained thru driveways and have saw cuts at the limits of the pedestrian space. Sidewalk shall not be monolithic with private driveways or aprons.

MOT-Enhanced Review : Approved with Conditions : 07-31-2024

1.No road/lane 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.

Trans-Street Light Review : No Comment : 07-18-2024

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

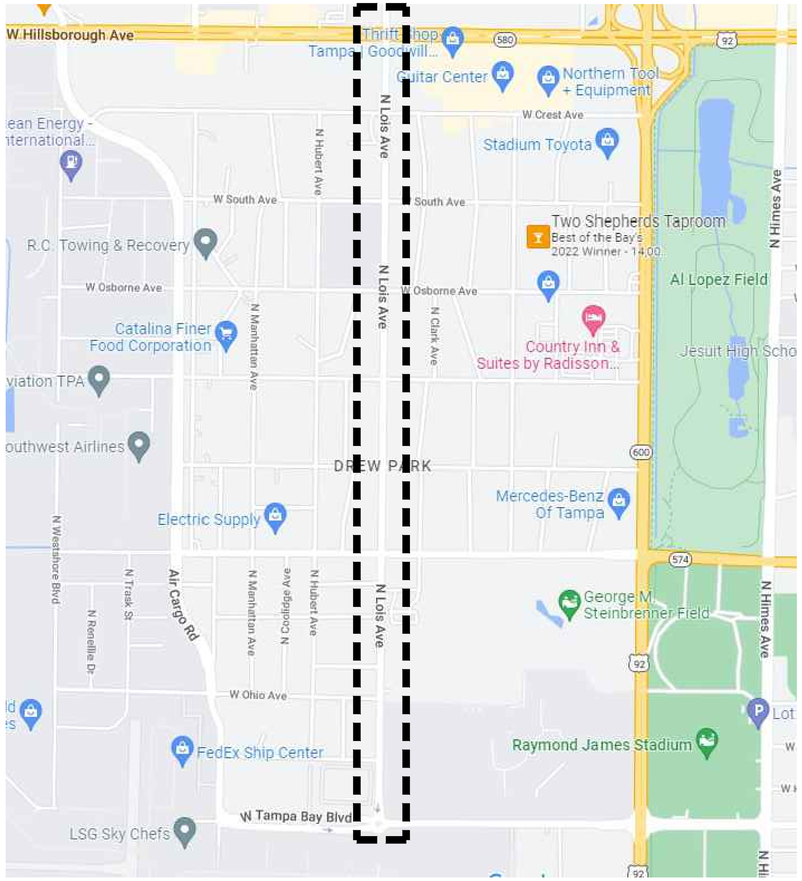
DREW PARK - LOIS AVENUE
LANDSCAPE AND STREETSCAPE AUDIT AND RECOMMENDATIONS

PROJECT LOCATION

Owner: City of Tampa, Drew Park CRA

Project Address: N Lois Avenue ROW from W Hillsborough Ave to W Tampa Bay Blvd

Context Map: NTS North ↑



SHEET LIST

L-100.L	Cover Sheet
L-200.L	Demolition & Tree Removal Plan
L-300.L	Irrigation Plan & Details
L-400.L	Construction Plan
L-500.L	Tree Planting Plan
L-600.L	Shrub & Groundcovers Planting Plan
L-700.L	Planting Details
Attachments:	1) Tree Evaluation Report; 2) Tree Disposition Tables; 3) Irrigation As-Built Plans

ABBREVIATIONS

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

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.

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 OONA JOHNSEN LA 6667387 STATE OF FLORIDA

OONA JOHNSEN LA 6667387
EXP. 11-30-2025

CONSULTANTS:

TAMPACRA
DREW PARK

REVISION:	DATE:
1 Permit Revsions	07.01.2025

PROJECT NAME:
Drew Park Lois Ave Landscape & Streetscape Audit and Recommendations

Old #: 22-D-20701
New #: ROW-24-0001241

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 Lois Ave.
Cover Sheet

L-100.L

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

DEMOLITION PLAN NOTES

1. 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.
2. Contractor shall be responsible for contacting the City for any additional clarification or details necessary to accommodate site conditions.
3. Contractor shall locate property lines as required to avoid encroachment onto adjacent property.
4. Contractor shall locate all existing utilities and verify all field conditions before ordering any materials.
5. Contractor to perform all Stormwater Pollution Prevention measures per State and Local codes and requirements.
6. Preserve and Protect:
   - 6.1. All utilities, above and below ground.
   - 6.2. The existing irrigation system is to be retrofitted. Refer to Irrigation Plans for specific items for removal and salvage.
   - 6.3. Lighting and light fixtures.
   - 6.4. Signs.
   - 6.5. 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.
   - 6.6. All paved and hardscape surfaces.
   - 6.7. All walls, gates, and perimeter fencing.
7. 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.
8. Contractor is responsible for MOT plans, permit, and implementation.
9. Remove all invasive vegetation species and weeds in existing plant beds. Refer to Planting Plan for pre-emergent application.
10. Contact City immediately if any unforeseen conflicts arise or questions.
11. All debris and other waste materials to be disposed of off-site and in accordance with applicable regulatory agency requirements.
12. 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.

Tabebuia impetiginosa, Purple Trumpet Tree - Tree to be removed.

Ilex cassine, Dahoon Holly - Tree to be removed.

Lagerstroemia indica 'Muskogee', Crape Myrtle - Tree to be preserved and protected.

Lagerstroemia indica 'Muskogee', Crape Myrtle - Tree to be removed.

Prunus angustifolia, Chicksaw Plum - Tree to be removed.

Areas of proposed pervious pavers. These area to be cleared and grubbed. Refer to Construction Plan and Details.

Areas of proposed concrete. These area to be cleared and grubbed. Refer to Construction Plan and Details.

Clear & Grub existing planting areas. Preserve exisitng irrigation per Irrigation Plans. Preserve and protect trees and roots that are to remain.

ROW = Right of Way. Limit of work is within the ROW.

OHW = Overhead Power Line (Approximate Location).

256

Tree Number = Corresponds to the tree number listed in the Tree Inventory/Conditions Rating Chart. See attached.

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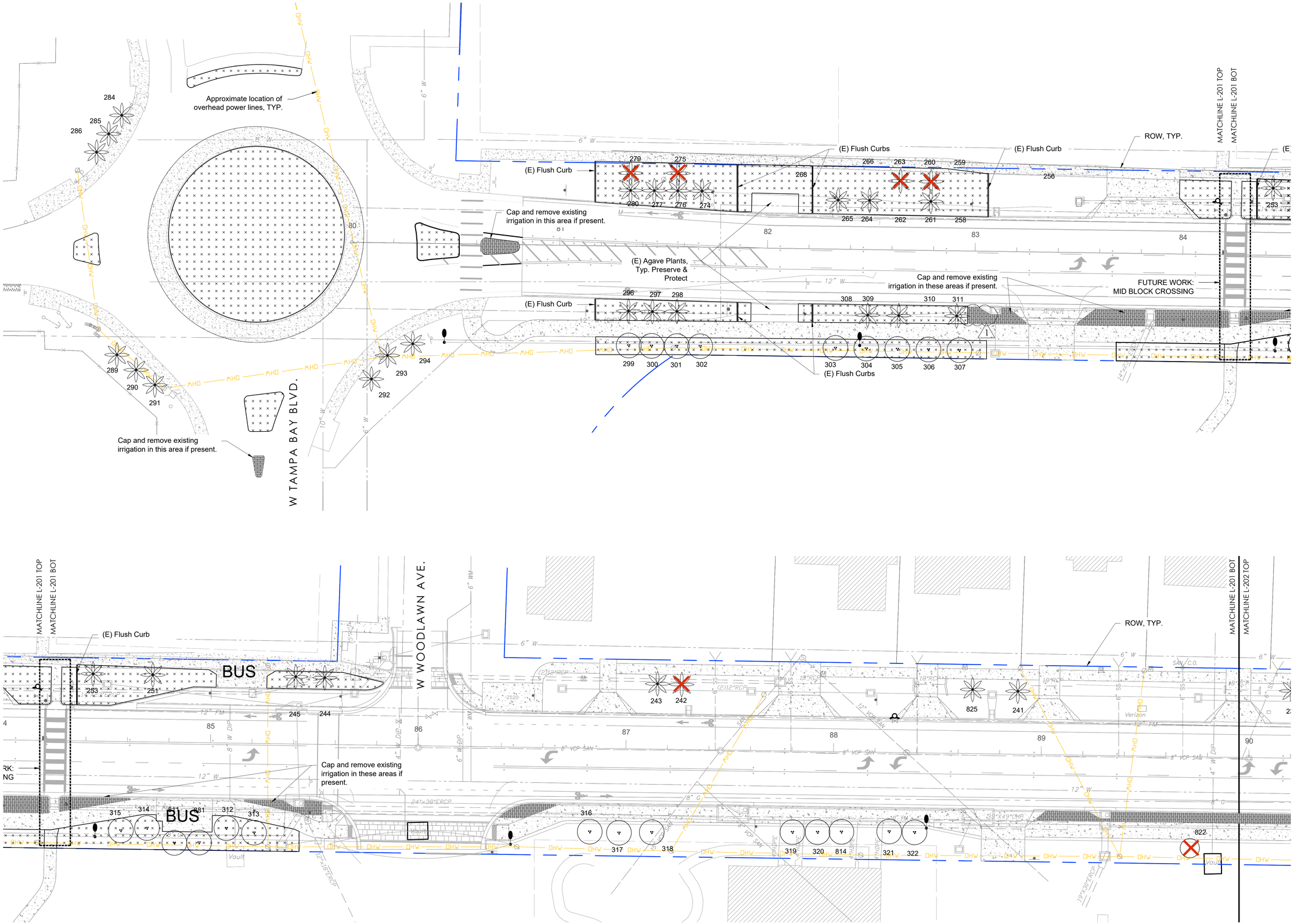
PROJECT NAME:
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New #: ROW-24-0001241
OWNER:
City of Tampa . Drew Park CRA

ISSUANCE:
PERMIT SUBMITTAL

DATE:	MAY 20, 2025
DRAWN BY:	OJ
CHECKED BY:	TM
PROJECT #:	14.22

SHEET NAME & NUMBER:
N Lois Ave. Demo & Tree Removal Notes
L-200.L

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



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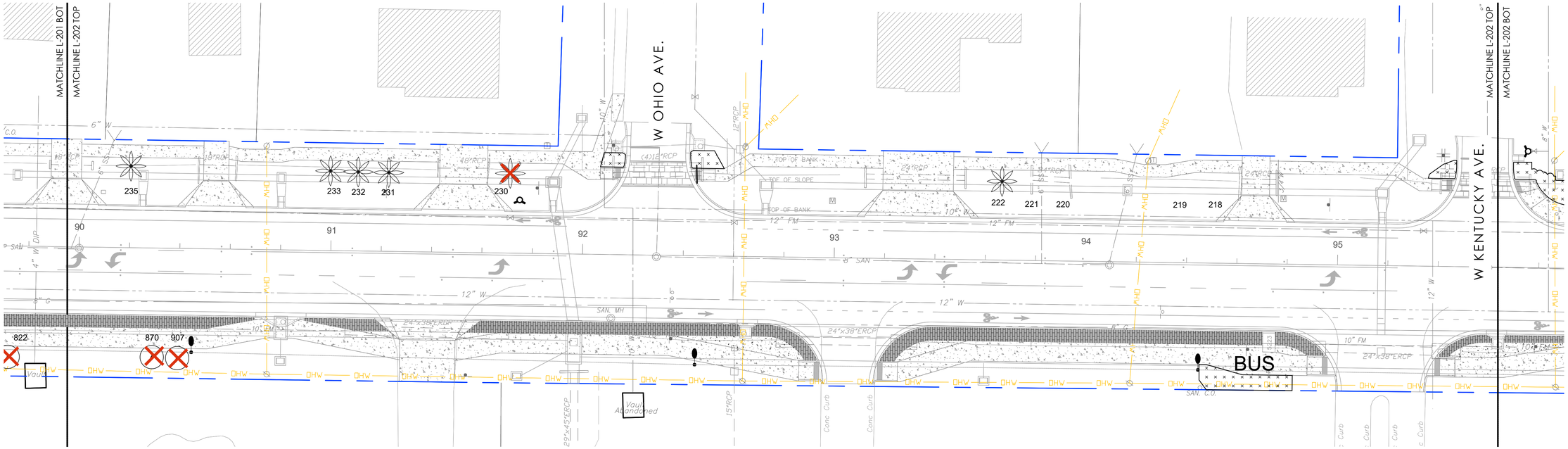
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PERMIT SUBMITTAL

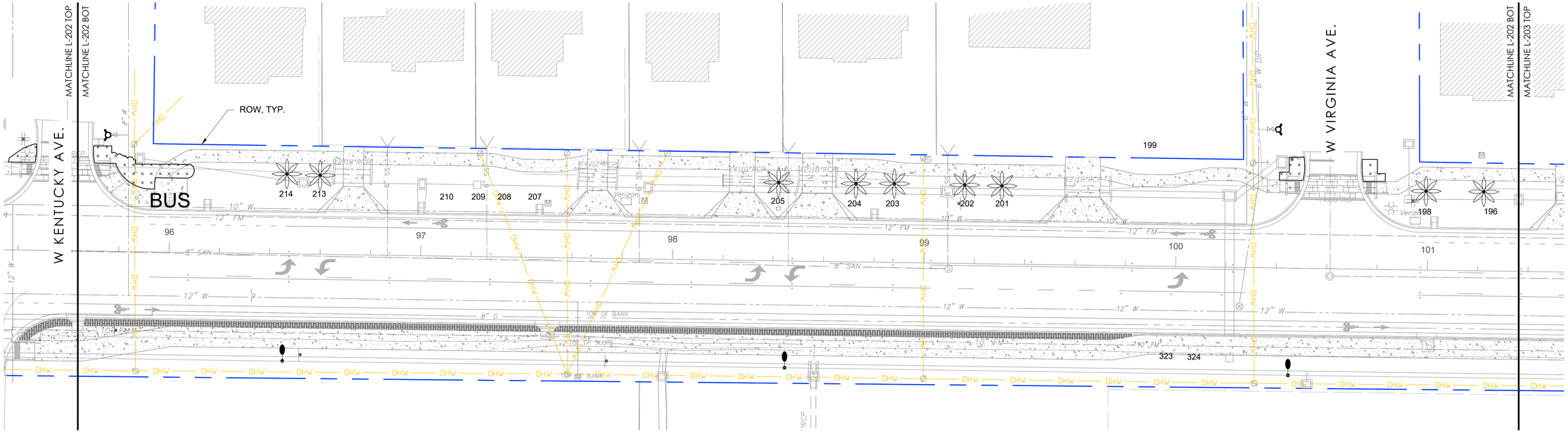
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PROJECT #:	14.22

SHEET NAME & NUMBER:
N Lois Ave. Demo & Tree Removal Plan

L-201.L

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





20' 0 20' 40'

1" = 20'

N

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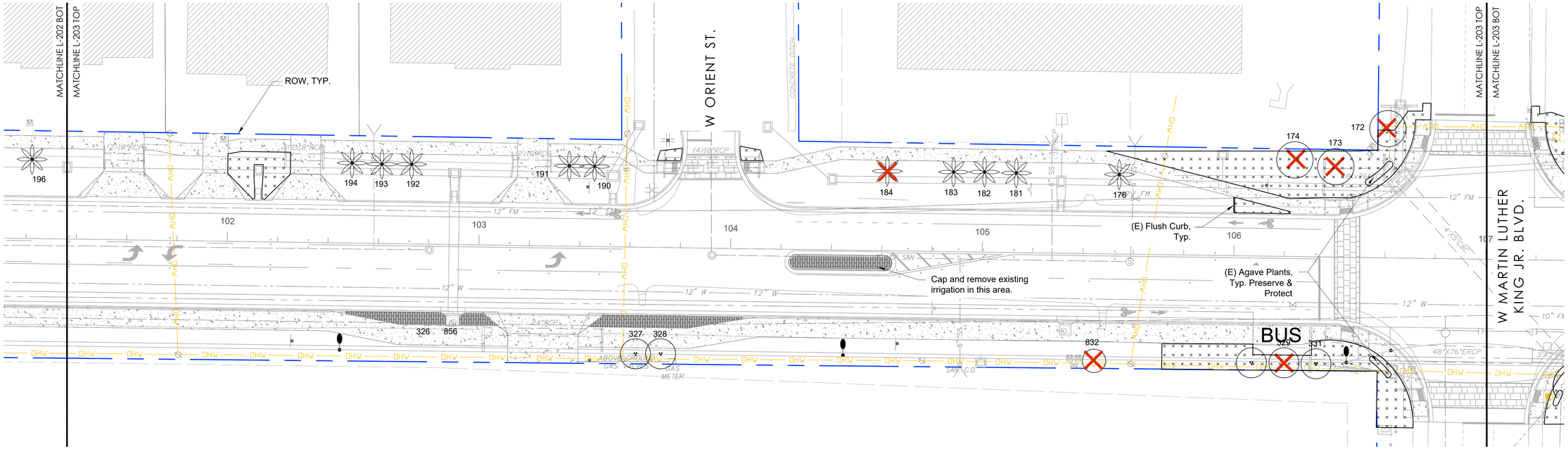
DATE:	MAY 20, 2025
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SHEET NAME & NUMBER:

N Lois Ave. Demo & Tree Removal Plan

L-202.L

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20' 0 20' 40'

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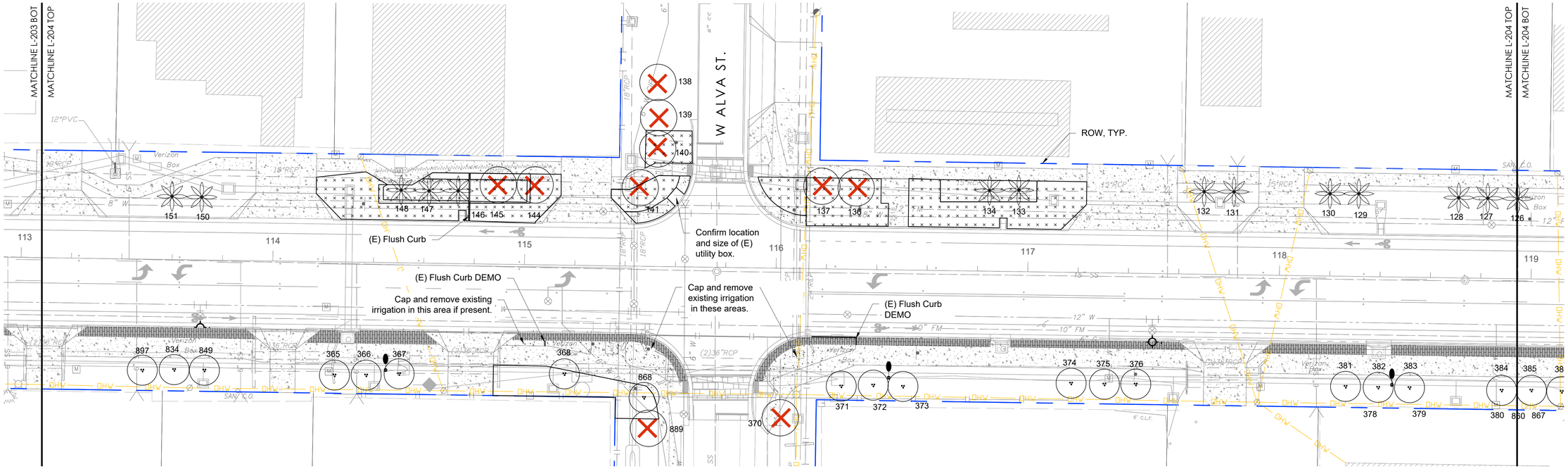
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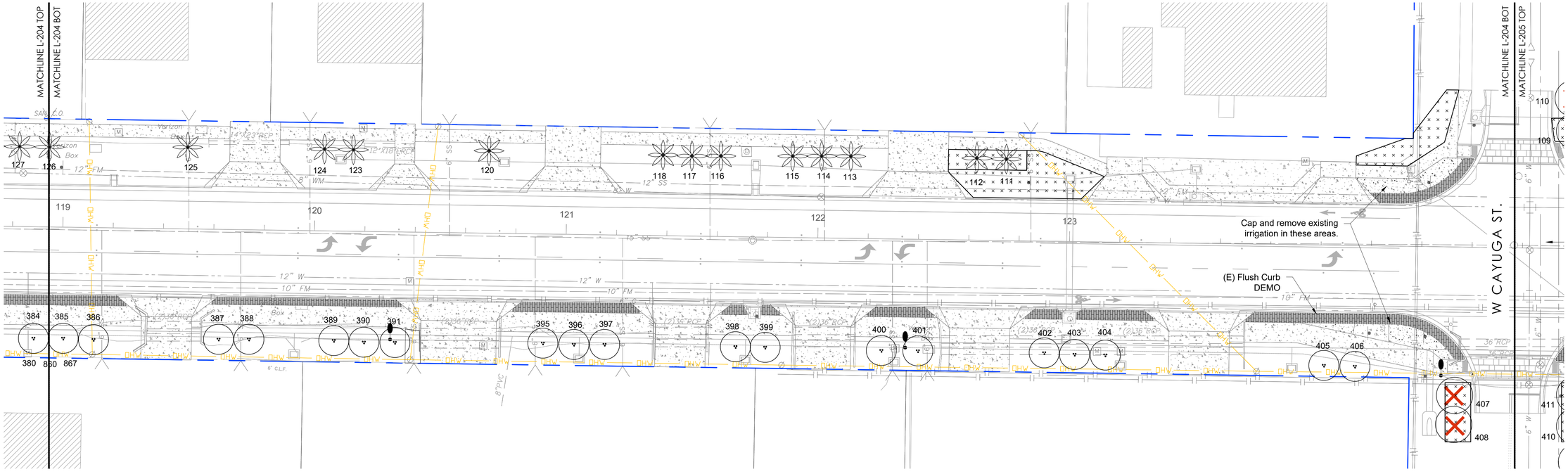
SHEET NAME & NUMBER:

N Lois Ave. Demo & Tree Removal Plan

L-203.L

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





20' 0 20' 40'

1" = 20'

N

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CONSULTANTS:

TAMPACRA
DREW PARK

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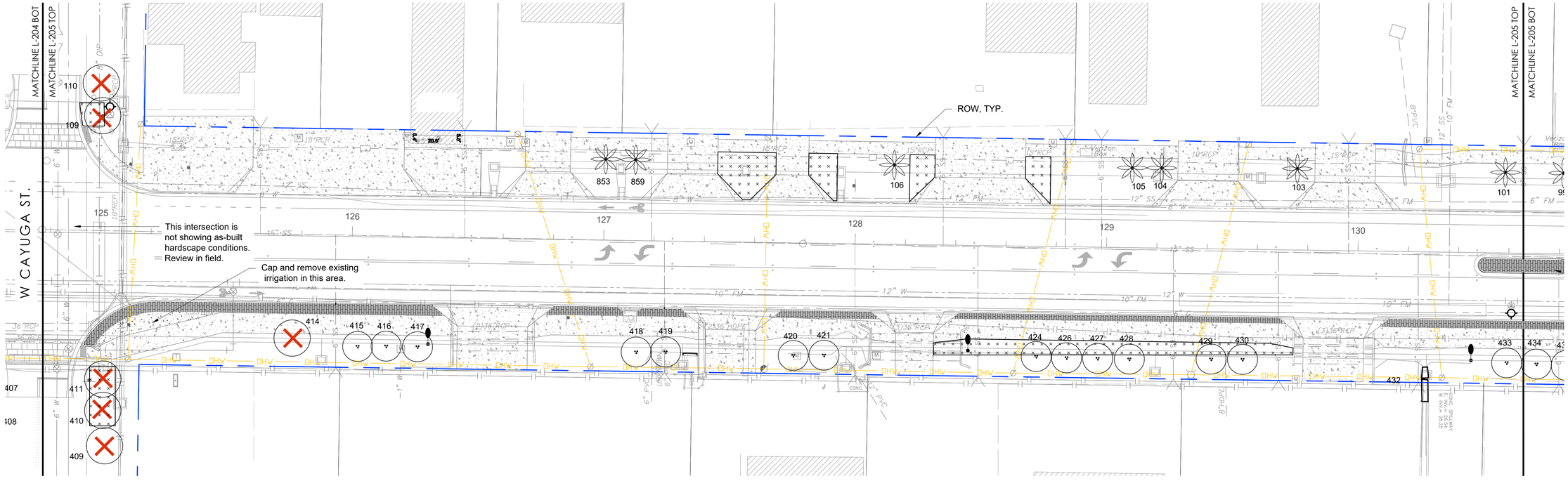
ISSUANCE:
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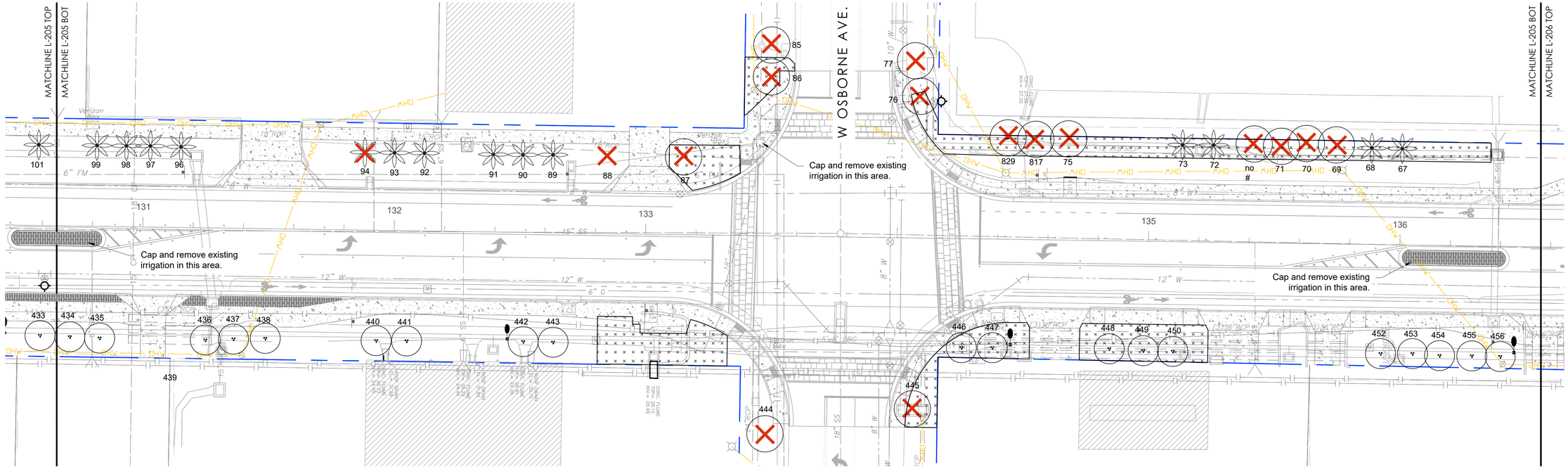
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L-204.L

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N

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STAMP:

REGISTERED LANDSCAPE ARCHITECT OONA JOHNSEN LA 6667387 STATE OF FLORIDA

OONA JOHNSEN LA 6667387
EXP. 11-30-2025

CONSULTANTS:

TAMPACRA
DREW PARK

REVISION:	DATE:
1 Permit Revsions	07.01.2025

PROJECT NAME:
Drew Park Lois Ave Landscape & Streetscape Audit and Recommendations

Old #: 22-D-20701
New #: ROW-24-0001241

OWNER:
City of Tampa . Drew Park CRA

ISSUANCE:
PERMIT SUBMITTAL

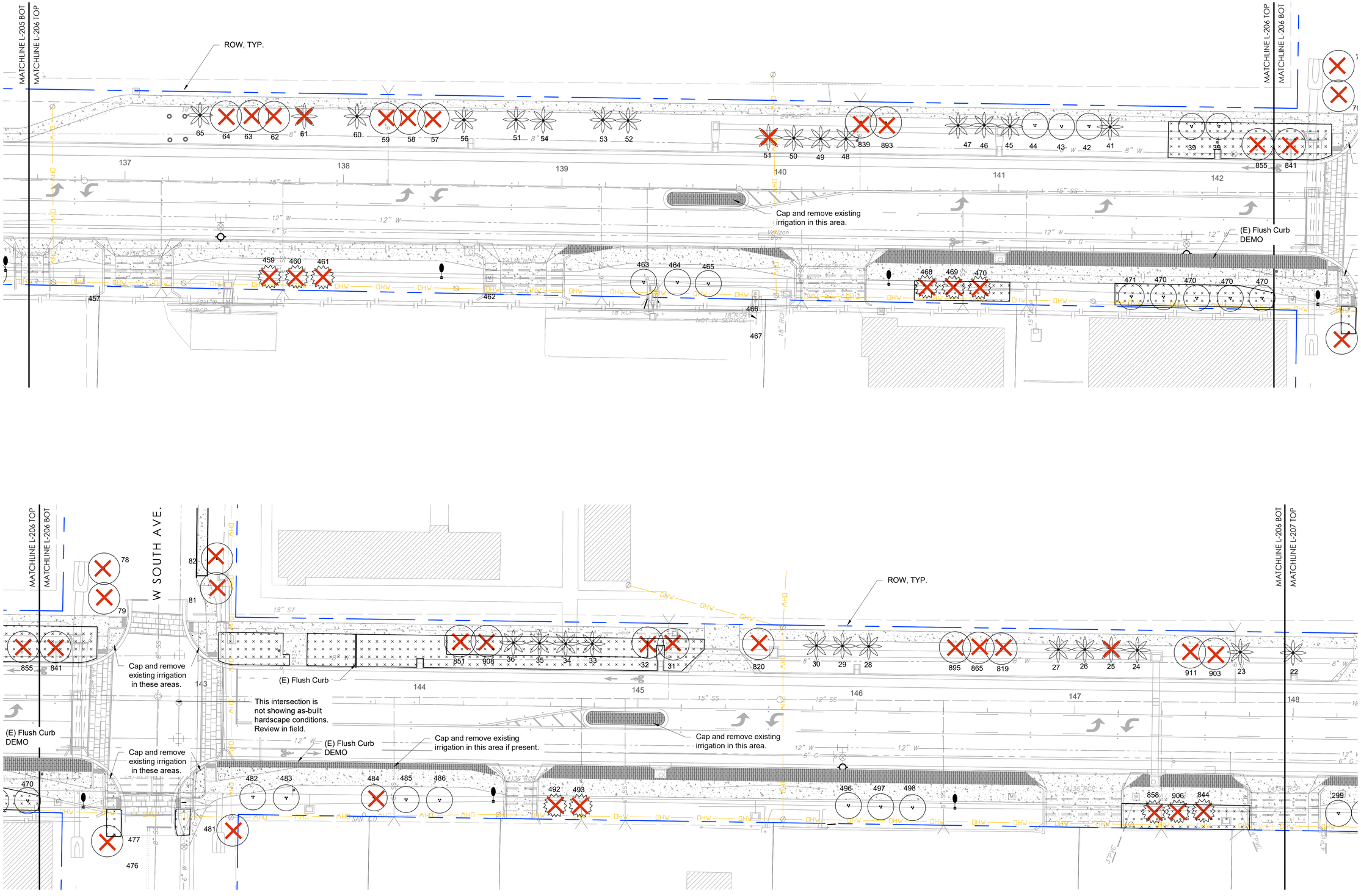
DATE:	MAY 20, 2025
DRAWN BY:	OJ
CHECKED BY:	TM
PROJECT #:	14.22

SHEET NAME & NUMBER:

N Lois Ave. Demo & Tree Removal Plan

L-205.L

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



20' 0 20' 40'

1" = 20'

N

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OONAJOHNSEN
LANDSCAPE ARCHITECTURE
4030 Henderson Blvd. Ste 699
Tampa, FL 33629
831 915 6838 oona@OJLA.co
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N Lois Ave. Demo & Tree Removal Plan

L-206.L

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MATCHLINE L-206 BOT
MATCHLINE L-207 TOP
MATCHLINE L-207 TOP
MATCHLINE L-207 BOT
MATCHLINE L-206 TOP
MATCHLINE L-206 BOT

W CREST AVE.

Cap and remove existing irrigation in this area.

(E) Concrete surface - drainage facility.

Cap and remove existing irrigation in this area if present.

(E) Flush Curb

Cap and remove existing irrigation in these areas.

(E) Flush Curb

(E) Flush Curb

ROW, TYP.

Cap and remove existing irrigation in this area.

(E) Concrete surface - drainage facility.

(E) Agave Plants, Typ. Preserve & Protect

(E) Agave Plants, Typ. Preserve & Protect

W HILLSBOROUGH AVE.

20' 0 20' 40'
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N

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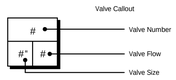
SHEET NAME & NUMBER:
N Lois Ave. Demo & Tree Removal Plan

L-207.L

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
EST LCS RCS CST SST	RAIN BIRD 1806-U 15 STRIP SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	26	30
Q T H F	RAIN BIRD 1806-U U8 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	91	30
Q T H F	RAIN BIRD 1806-U U10 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	91	30
Q T H TT TQ F	RAIN BIRD 1806-U U12 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	68	30
Q T H TT TQ F	RAIN BIRD 1806-U U15 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	42	30
08HE-VAN 12HE-VAN 10HE-VAN 15HE-VAN	RAIN BIRD 1806-U HE-VAN SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	45	30
2Q 2H 2F 4Q 4H 4F	RAIN BIRD 1812-U SQ SERIES SHRUB SPRAY, 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	1	30
EST LCS RCS CST SST	RAIN BIRD 1812-U 15 STRIP SERIES SHRUB SPRAY, 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	101	30
Q T H F	RAIN BIRD 1812-U U8 SERIES SHRUB SPRAY, 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	339	30
Q T H F	RAIN BIRD 1812-U U10 SERIES SHRUB SPRAY, 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	82	30
Q T H TT TQ F	RAIN BIRD 1812-U U12 SERIES SHRUB SPRAY, 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	73	30
Q T H TT TQ F	RAIN BIRD 1812-U U15 SERIES SHRUB SPRAY, 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	41	30
08 HE-VAN 12 HE-VAN 10 HE-VAN 15 HE-VAN	RAIN BIRD 1812-U HE-VAN SERIES SHRUB SPRAY, 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	163	30
1401 1402 1404 1408	RAIN BIRD 1800-1400 FLOOD FIXED FLOW RATE 0.25 GPM - 2.0 GPM, FULL CIRCLE BUBBLER, 1/2IN. FIPT.	350	20

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21	12,646 L.F.
	PIPE SLEEVE: PVC SCHEDULE 40	27.3 L.F.



THE QUANTITIES SHOWN IN THE LEGEND SHEETS SHALL NOT BE USED FOR BIDDING PURPOSES. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONDUCTING A COMPREHENSIVE MATERIALS TAKEOFF TO DETERMINE THE ACTUAL QUANTITIES OF MATERIAL NECESSARY TO EXECUTE THE WORK DESCRIBED IN THE DOCUMENTS.

THE IRRIGATION CONTRACTOR IS TO SET THE RUN TIMES FOR EACH ZONE TO MATCH THE PLANT WATER REQUIREMENTS, SITE CONDITIONS AND MICRO-CLIMATE FACTORS. SEE THE LANDSCAPE PLANS FOR PLANT SPECIFICATIONS.

IRRIGATION DESIGN INTENT

1. THIS IS AN EXISTING SYSTEM UTILIZING POTABLE WATER THAT WILL BE RETROFITTED TO MATCH THE PROPOSED LANDSCAPED AREAS.
2. THESE PLANS ARE DEVELOPED IN ACCORDANCE WITH THE AS-BUILT PLANS DATED NOVEMBER 20TH, 2015 AND WERE PROVIDED BY THE CITY OF TAMPA DEPARTMENT OF PUBLIC WORKS.
3. ALL LANDSCAPED AREAS WILL RECEIVE 100% COVERAGE BY THE EXISTING AUTOMATIC IRRIGATION SYSTEM. HIGH END ROBUST IRRIGATION EQUIPMENT WILL BE USED TO PREVENT AND DETER VANDALISM.
4. CONTRACTOR EXPECTED TO PRESERVE, PROTECT AND REPLACE ALL EXISTING METERS, BACKFLOWS, FLOW SENSORS, MASTER VALVES, CONTROL VALVES FOR EXISTING TO REMAIN ZONES, AND CONTROL WIRES TO ALL CONTROL VALVE LOCATIONS.
5. WHEN PROPOSED PAVING IS REPLACING EXISTING IRRIGATED AREAS, PROVIDE LABOR AND MATERIALS TO CAP AND REMOVE ALL IRRIGATION PRIOR TO PAVING.
6. REMOVE ALL DRIP TUBING, LATERAL LINES AND DRIP CONTROL VALVES AND REINSTALL THE SYSTEM PER THE PLANS. THE CONTRACTOR IS TO PRESERVE THE FUNCTIONAL MAINLINE/LATERALS AND EQUIPMENT WHERE POSSIBLE.
7. CONNECT ALL PROPOSED HEADS AND LATERALS TO THE NEWLY INSTALLED CONTROL VALVES THAT ARE TO BE INSTALLED IN PLACE OF THE EXISTING DRIP CONTROL VALVES. CONNECT ALL THE PROPOSED TREE BUBBLERS TO ADJACENT ZONES AND LATERALS. FIELD VERIFY THE AVAILABLE FLOW AND PRESSURE ON EACH ZONE TO DETERMINE THE ZONE WITH AVAILABLE FLOW.
8. VERIFY THE LOCATION AND ROUTING OF THE EXISTING MAINLINE AND LATERAL LINE PIPES THAT RUN THROUGH THE AREA DEVELOPMENT TO CONTROL VALVES AND SPRINKLER HEADS OUTSIDE THE NEWLY PLANTED AREAS. PROVIDE PIPE CONNECTIONS, AND EXTEND ADDITIONAL PIPES TO KEEP ADJACENT EXISTING CONTROL VALVES AND IRRIGATION HEADS OPERATIONAL DURING THE WORKS.
9. OPERATE ALL EXISTING ZONES TO REMAIN TO DETERMINE THE DEFECTIVE EQUIPMENT INCLUDING HEADS, BUBBLERS, LATERALS, MAINLINE AND CONTROL VALVES THAT IS TO REPLACED. PROVIDE LABOR AND MATERIALS TO ADJUST EXISTING HEADS AND NOZZLES ADJACENT TO THE AREA DEVELOPMENT TO ACHIEVE UNIFORM COVERAGE WITH THE NEW HEADS AND NOZZLES.
10. REMOVE ALL EXISTING DRIP TUBING, CAP THE LATERAL LINES AND REPLACE THE DRIP LOW FLOW CONTROL VALVES WITH THE CITY OF TAMPA SPECIFIED CONTROL VALVES.
11. WHEN VERTICAL OBSTRUCTIONS (PROPS, STREET LIGHTS, EXISTING TREES, ETC.) INTERFERE WITH THE SPRAY PATTERN OF THE SPRINKLER HEADS SO AS TO PREVENT PROPER COVERAGE, THE IRRIGATION CONTRACTOR SHALL FIELD ADJUST THE SPRINKLER SYSTEM BY INSTALLING A QUARTER CIRCLE OR HALF CIRCLE SPRINKLER HEAD ON EACH SIDE OF THE OBSTRUCTION SO AS TO PROVIDE PROPER COVERAGE. ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.
12. THERE ARE FOUR EXISTING IRRIGATION SYSTEMS IN THIS PROJECT. ALL POINT OF CONNECTIONS AND CONTROLLERS ARE TO BE PRESERVED IN PLACE THROUGHOUT CONSTRUCTION.
13. POTABLE WATER IRRIGATION SYSTEM: IRRIGATION EQUIPMENT DOES NOT REQUIRE TO BE PURPLE IN COLOR AND WILL NEED TO BE LABELED PER CITY OF TAMPA REQUIREMENTS. CONTRACTOR TO FOLLOW ALL STATE HEALTH CODES.
14. IRRIGATION FOR TREES IN LANDSCAPE AREAS: TREES WILL RECEIVE PRESSURE COMPENSATING FLOOD BUBBLERS PER THE CITY OF TAMPA STANDARDS TO BE INSTALLED AROUND THE ROOT BALL. SEE SPECS ON SHEET L-309L.
15. SHRUB & GROUNDCOVER IRRIGATION: ALL SHRUBS AND GROUNDCOVER WILL BE IRRIGATED BY 12" POP-UP SPRAY HEADS.
16. VALVE BOXES: LOCKABLE, CONCRETE BOXES AND LIDS WILL BE USED. BOXES WILL BE CLEAN, WITH A LAYER OF GRAVEL AT THE BOTTOM, AND LABELED APPROPRIATELY PER HEALTH CODE AND THE CITY OF TAMPA IRRIGATION STANDARDS. POTABLE CONTROL VALVES ARE TO HAVE GREEN LIDS. SEE SPECS ON SHEET L-309L.
17. REFER TO PLANS, DETAILS AND SPECIFICATIONS. THE CONTRACTOR IS TO REACH OUT TO THE ARCHITECT OR OWNER'S REPRESENTATIVE FOR FURTHER CLARIFICATION IF NEEDED.

IRRIGATION NOTES

1. THE PLANS AND DRAWINGS ARE DIAGRAMMATIC OF THE WORK TO BE PERFORMED. SOME COMPONENTS MAY BE SHOWN OUTSIDE THE WORK AREA FOR CLARITY. THE WORK SHALL BE EXECUTED IN A MANNER TO AVOID CONFLICTS WITH UTILITIES AND OTHER ELEMENTS OF CONSTRUCTION, INCLUDING LANDSCAPE MATERIALS. ALL DEVIATIONS FROM THE PLANS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE BEING INSTALLED.
2. THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE PLANS, IRRIGATION SYSTEM CITY OF TAMPA SPECIFICATIONS ON SHEET L.309L AND ALL CONTRACT DOCUMENTS. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT LOCAL CODES, ORDINANCES, AND REGULATIONS.
3. ALL EXISTING AND PROPOSED IRRIGATION MAINLINE AND LATERAL LINES ARE TO NOT EXCEED A VELOCITY OF 5FPS.
4. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL ANY ASPECT OF THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS AND DRAWINGS, WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DISCREPANCIES EXIST THAT MIGHT NOT HAVE BEEN KNOWN DURING THE DESIGN OF THE IRRIGATION SYSTEM. IN THE EVENT THAT NOTIFICATION OF THE CONFLICT IS NOT APPROVED BY THE OWNER'S REPRESENTATIVE, THE CONTRACTOR WILL ASSUME FULL RESPONSIBILITY FOR ALL REVISIONS.
5. REFER TO THE LANDSCAPE PLANS WHEN TRENCHING TO AVOID TREE ROOT BALLS WHEN INSTALLING IRRIGATION EQUIPMENT. CALL 811 AND REFER TO UTILITY PLANS PRIOR TO TRENCHING.
6. IRRIGATION CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS, INCLUDING UTILITY LOCATIONS BEFORE RETROFITTING THE EXISTING IRRIGATION SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION WITH ALL OTHER CONSTRUCTION ON SITE, ESPECIALLY LANDSCAPE INSTALLATION. THE IRRIGATION SYSTEM SHALL BE RELOCATED AT NO ADDITIONAL COST FOR ANY CONFLICT WITH LANDSCAPE INSTALLATION OR ANY OTHER SITE CONSTRUCTION OR EXISTING CONDITIONS.
7. VERIFY THE REQUIRED MINIMUM STATIC WATER PRESSURE IS AVAILABLE AT THE PROJECT SITE PRIOR TO BEGINNING THE IRRIGATION INSTALLATION. NOTIFY THE IRRIGATION DESIGN CONSULTANT AND LANDSCAPE ARCHITECT IN WRITING IF THE MINIMUM STATIC WATER PRESSURE OR WATER VOLUME IS NOT AVAILABLE. SEE PLAN SHEET FOR REQUIREMENTS.
8. WHERE EXISTING OR NEW TREES, LIGHT FIXTURES, SIGNS, ELECTRONIC CONTROLLERS AND/OR OTHER OBJECTS ARE AN OBSTRUCTION TO AN IRRIGATION SPRINKLER'S PATTERN, THE COMPONENT AND PIPING SHALL BE RELOCATED AS NECESSARY TO OBTAIN PROPER COVERAGE OF AN IRRIGATION SPRINKLER'S PATTERN. THE COMPONENT AND PIPING SHALL BE RELOCATED AS NECESSARY TO OBTAIN THE PROPER COVERAGE WITHOUT DAMAGING THE OBSTRUCTION.
9. 100% HEAD TO HEAD COVERAGE IS REQUIRED. ASSURE THAT ANY MODIFIED SPACING DOES NOT EXCEED THE SPACING SHOWN IN THE PLANS.
10. IRRIGATION CONTRACTOR SHALL ADJUST ALL SPRINKLERS TO AVOID OVER SPRAY ONTO IMPERVIOUS AREAS.
11. ALL MATERIALS AND EQUIPMENT SHOWN SHALL BE NEW AND INSTALLED AS SHOWN ON THE PLANS. IF THE DRAWINGS DO NOT THOROUGHLY DESCRIBE THE TECHNIQUES TO BE USED, THE INSTALLER SHALL FOLLOW THE INSTALLATION METHODS AND INSTRUCTIONS RECOMMENDED BY THE PRODUCT MANUFACTURER.
12. THE LOCATION OF THE EXISTING IRRIGATION MAINLINE SHALL BE IDENTIFIED IN THE FIELD AND APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE INSTALLATION.
13. CONTRACTOR IS TO SUBMIT PRODUCT SPECIFICATION SHEETS FOR ALL IRRIGATION EQUIPMENT TO BE USED FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
14. THE QUANTITIES SHOWN IN THE LEGEND SHEETS SHALL NOT BE USED FOR BIDDING PURPOSES. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONDUCTING A COMPREHENSIVE MATERIALS TAKEOFF TO DETERMINE THE ACTUAL QUANTITIES OF MATERIAL NECESSARY TO EXECUTE THE WORK DESCRIBED IN THE DOCUMENTS.
15. ALL TRENCHES SHALL BE BACKFILLED WITH CLEAN DEBRIS-FREE MATERIALS.
16. IRRIGATION CONTRACTOR IS TO INSTALL CHRISTY ZONE TAGS WITH THE CORRESPONDING CONTROLLER ZONE NUMBER AT EACH CONTROL VALVE.
17. WHEN THE EXISTING IRRIGATION MAINLINE IS 3" OR LARGER, ALL CHANGES OF DIRECTION SHALL BE ACCOMPLISHED WITH THE USE OF DUCTILE IRON ELBOWS AND TEES W/ PROPER THRUST BLOCKING.
18. IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF ON-SITE OPERATIONS.
19. A MAINLINE PRESSURE TEST IS TO BE CONDUCTED BEFORE BACKFILLING. ALL FINDINGS ARE TO BE REPORTED TO THE LANDSCAPE ARCHITECT WITHIN TWENTY FOUR HOURS POST TEST.
20. ALL IRRIGATION HEADS ARE TO BE INSTALLED AT THE END OF PARKING SPACES IN LINE WITH PARKING STRIPES OR 2.5 FEET FROM BACK OF CURB.
21. ALL SLEEVES ARE TO BE TWO TIMES THE SIZE OF THE PIPE.
22. ROUTE AN ELECTRICAL CONDUIT FROM THE CONTROLLER TO THE MAINLINE TRENCH FOR THE CONTROL WIRES. RUN THE CONDUIT AND CONTROL WIRES PARALLEL TO THE MAINLINE.
23. THE IRRIGATION SYSTEM IS TO BE INSPECTED AND APPROVED BY THE PROJECT OWNER PRIOR TO RECEIVING CERTIFICATION.
24. ANY PRODUCT SUBSTITUTIONS MADE BY THE IRRIGATION CONTRACTOR ARE TO BE REVIEWED AND APPROVED BY THE OWNER PRIOR TO INSTALLATION.
25. AS BUILT DOCUMENTS ARE TO BE PROVIDED TO THE OWNER UPON COMPLETION OF THE PROJECT. THE MAINLINE, CONTROL VALVES, ISOLATION VALVES, GROUND RODS AND SPLICE BOXES SHALL BE LOCATED WITH A MEASUREMENT FROM TWO FIXED POINTS.

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N Lois Ave. Shrub Irrigation Notes & Schedules

L-300.L

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CONFIRM THE LOCATION OF THE FEEDER LINE THAT SERVICES THE ROUNDABOUT IRRIGATION SYSTEM. PROVIDE LABOR AND MATERIALS TO ADD THE PROPOSED IRRIGATION ONTO ADJACENT ZONES OR ADD ADDITIONAL CONTROL VALVES IF REQUIRED. FIELD VERIFY THE AVAILABLE FLOW AND PRESSURE.

36" Planting Setback from Back of Curb with Shell Mulch

Asphalt Pavement

LIMIT OF CLEAR SIGHT, TYP. ROUNDABOUT @ 17MPH

Asphalt Pavement

Conc. Sidewalk

W TAMPA BAY BLVD.

Hawl's Landing Apartments 4010 N Lois

ROW, TYP.

6' Wrought Iron

Conc. Sidewalk

Curb & Gutter

(E) Flush Curbs

PRESERVE IN PLACE THE IRRIGATION WATER METER "A", BACKFLOW PREVENTER, FLOW SENSOR AND MASTER VALVE IN THIS AREA. REPLACE ANY DAMAGED EQUIPMENT DURING CONSTRUCTION WITH CITY OF TAMPA APPROVED EQUIPMENT.

ROW, TYP.

M BF FS MV

Asphalt Driveway

MATCHLINE L-301 TOP

MATCHLINE L-301 BOT

(E) Flush Curb

80 81 82 83 84

LIMIT OF CLEAR SIGHT, TYP.

PRESERVE IN PLACE CONTROL VALVES A1 THROUGH A6 INCLUDING CONTROL WIRES IN THIS AREA. ADD THE PROPOSED IRRIGATION HEADS AND LATERALS TO AVAILABLE ZONES. FIELD VERIFY PRIOR TO CONSTRUCTION.

FUTURE WORK: MID BLOCK CROSSING

Curb & Gutter

(E) Flush Curbs

PRESERVE IN PLACE CONTROL VALVES A7 THROUGH A8 INCLUDING CONTROL WIRES IN THIS AREA. ADD THE PROPOSED IRRIGATION HEADS AND LATERALS TO AVAILABLE ZONES. FIELD VERIFY PRIOR TO CONSTRUCTION.

24" X Asphalt Driveway

Equal to X

Asphalt Parking Lot

PRESERVE IN PLACE CONTROL VALVES A9 THROUGH A10 INCLUDING CONTROL WIRES IN THIS AREA. ADD THE PROPOSED IRRIGATION HEADS AND LATERALS TO AVAILABLE ZONES. FIELD VERIFY PRIOR TO CONSTRUCTION.

WATER METER & CONTROLLER "A" BOUNDARY

811 Know what's BELOW. CALL before you dig. Call 811 two business days before digging.

MATCHLINE L-301 TOP

MATCHLINE L-301 BOT

Hawl's Landing Apartments 4010 N Lois

ROW, TYP.

(E) Flush Curb

6' Wrought Iron

Conc. Sidewalk

W WOODLAW AVE.

4201 N Woodlawn

Conc. Driveway

Residence 4106 N Lois

Residence 4108 N Lois

Residence 4110 N Lois

Residence 4112 N Lois

Asphalt Driveway

Asphalt Driveway

Asphalt Driveway

Conc. Driveway

MATCHLINE L-301 BOT

MATCHLINE L-302 TOP

BUS

BUS

ADD TWO 3" SLEEVES UNDER THE PROPOSED SIDE WALK IN THIS AREA.

85 86 87 88 89 90

LIMIT OF CLEAR SIGHT, TYP.

PRESERVE IN PLACE CONTROL VALVES A12 THROUGH A14 INCLUDING CONTROL WIRES IN THIS AREA. ADD THE PROPOSED IRRIGATION HEADS AND LATERALS TO AVAILABLE ZONES. FIELD VERIFY PRIOR TO CONSTRUCTION.

6" CLF

Asphalt Driveway

Asphalt Driveway

Hillsborough County Child Development Center 4011 N Lois

Asphalt Driveway

20' 0 20' 40'

1" = 20'

N

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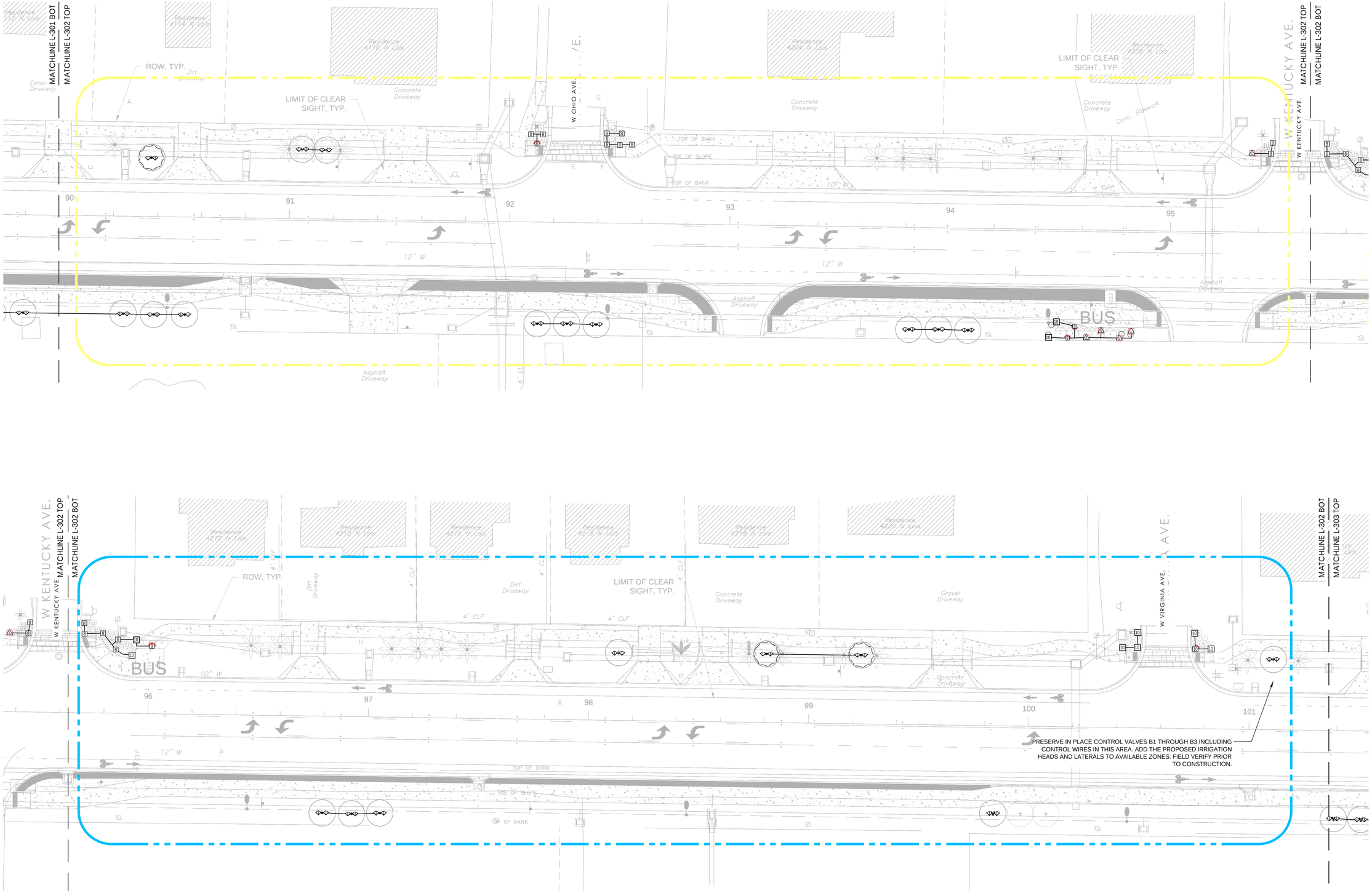
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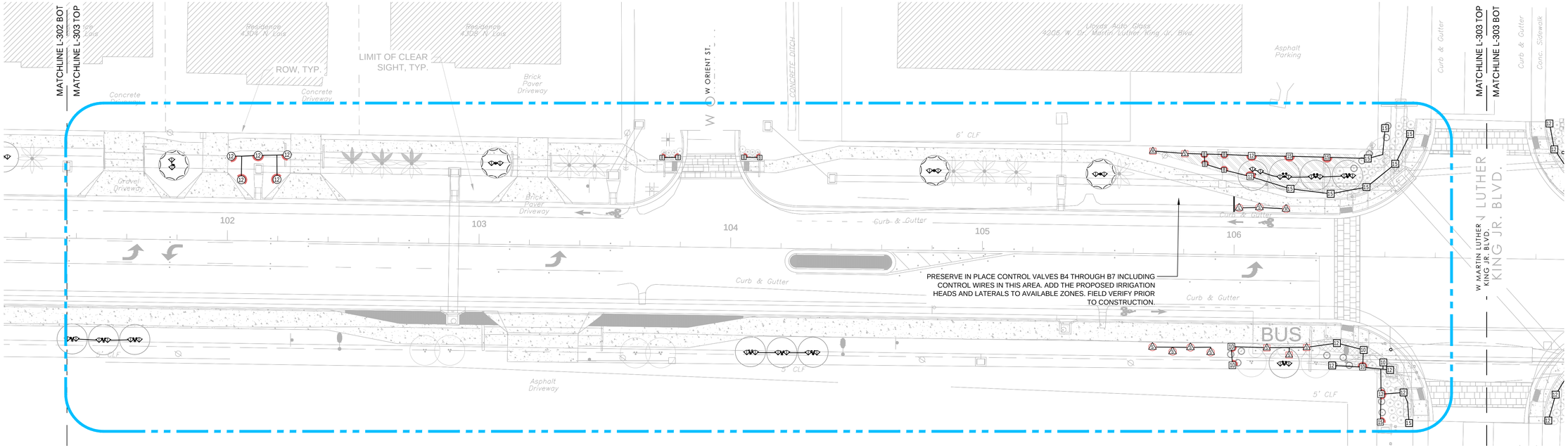
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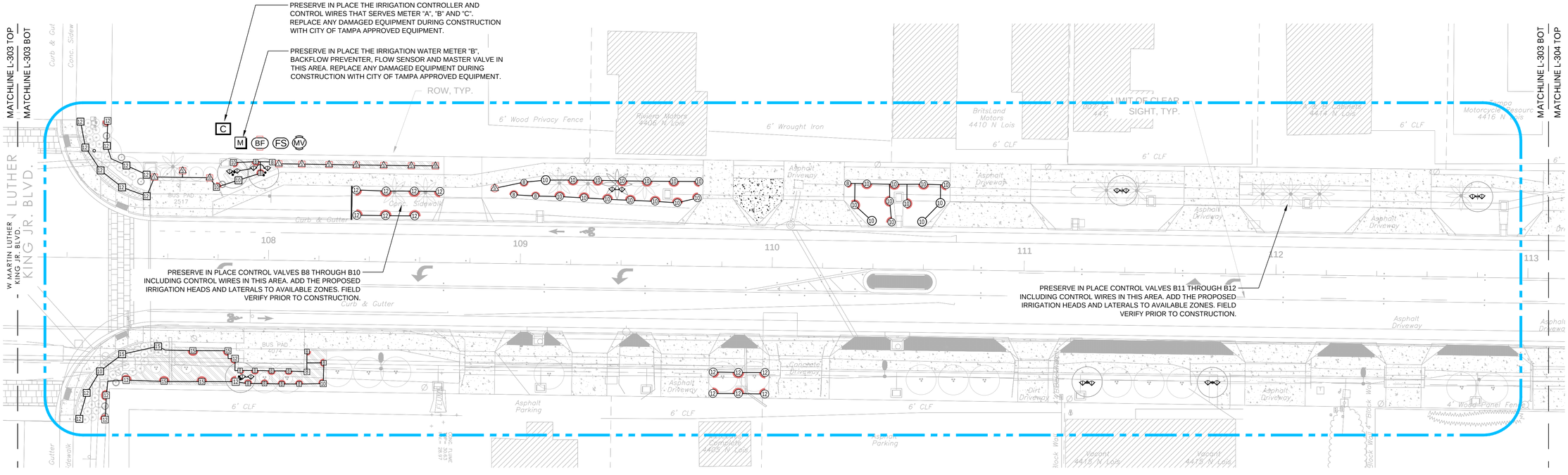
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N Lois Ave. Irrigation Retrofits

L-302.L

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





Know what's BELOW. CALL before you dig
Call 811 two business days before digging

20' 0 20' 40'
1" = 20'
N

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

STAMP:

REGISTERED LANDSCAPE ARCHITECT OONA JOHNSEN LA 6667387 STATE OF FLORIDA

OONA JOHNSEN LA 6667387
EXP. 11-30-2025

CONSULTANTS:

TAMPACRA
DREW PARK

REVISION:	DATE:
1 Permit Revsions	07.01.2025

PROJECT NAME:
Drew Park Lois Ave Landscape & Streetscape Audit and Recommendations
Old #: 22-D-20701
New #: ROW-24-0001241

OWNER:
City of Tampa . Drew Park CRA

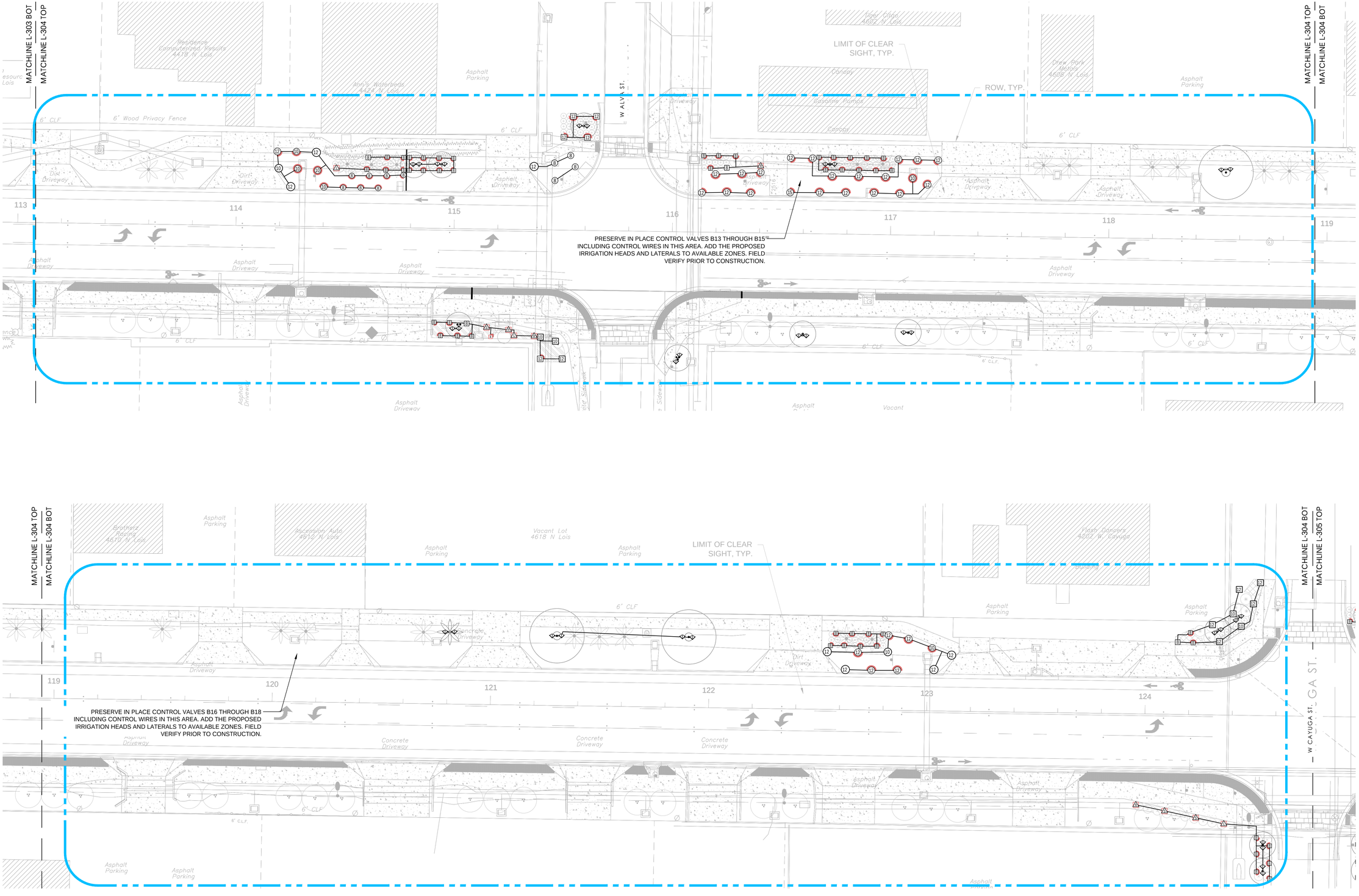
ISSUANCE:
PERMIT SUBMITTAL

DATE:	MAY 20, 2025
DRAWN BY:	OJ
CHECKED BY:	TM
PROJECT #:	14.22

SHEET NAME & NUMBER:
N Lois Ave. Irrigation Retrofits

L-303.L

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WATER METER & CONTROLLER "B" BOUNDARY

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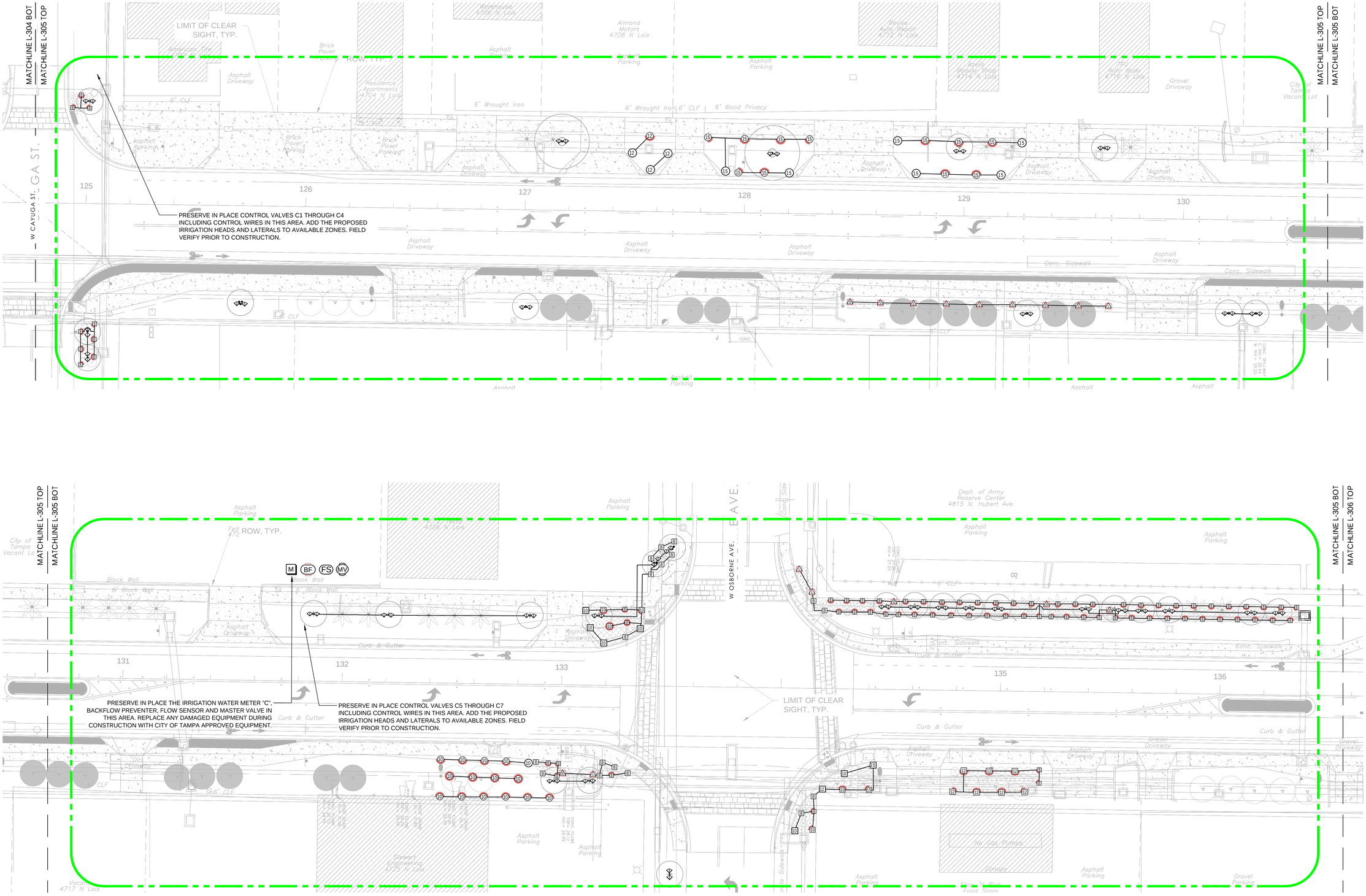
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L-304.L

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WATER METER & CONTROLLER "C" BOUNDARY

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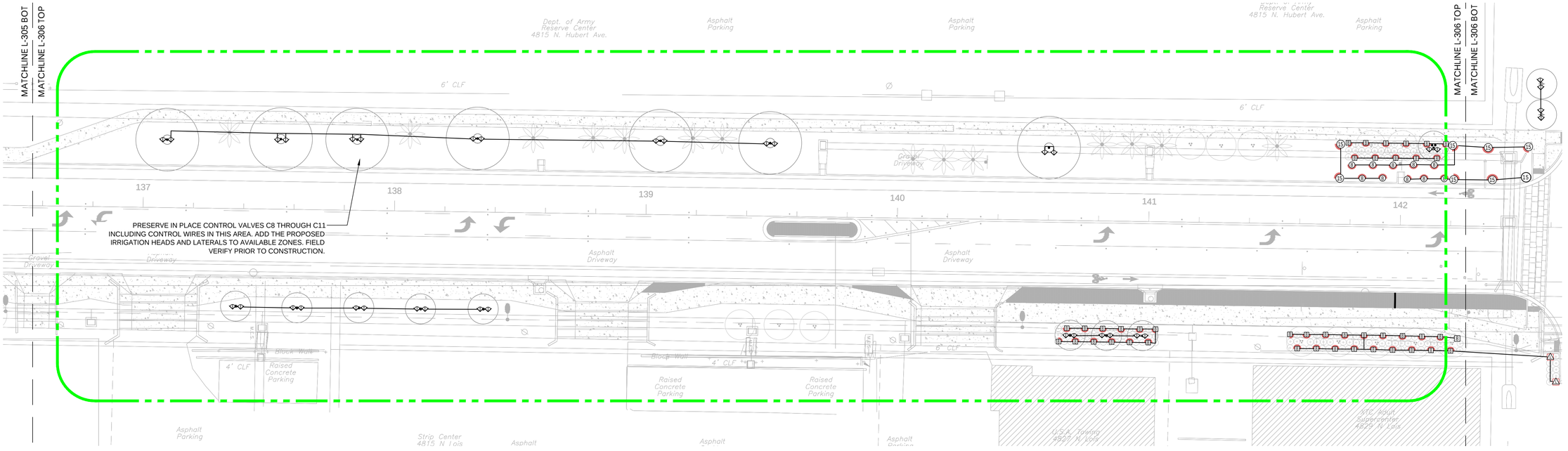
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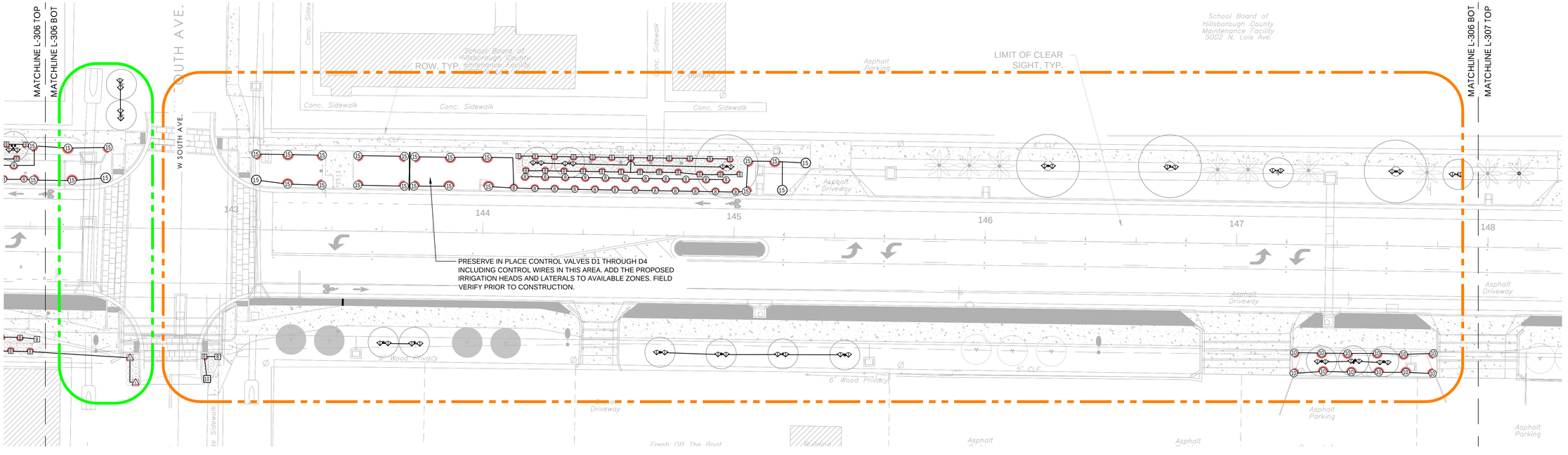
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WATER METER & CONTROLLER "D" BOUNDARY

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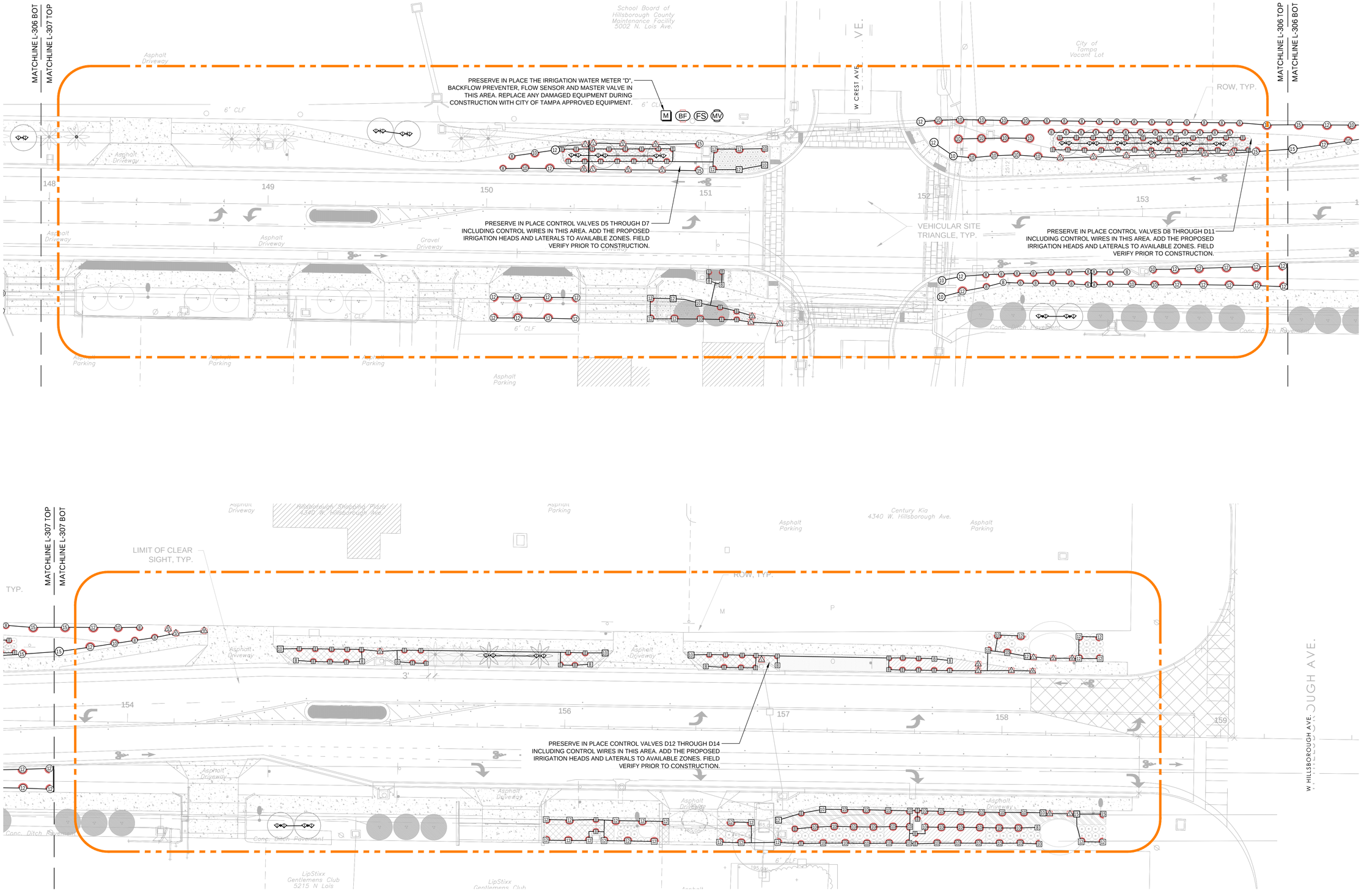
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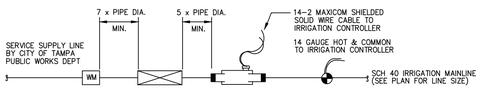
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L-307.L

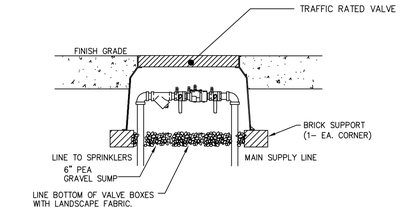
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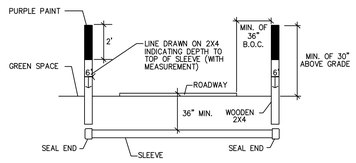
METER ASSEMBLY SCHEMATIC

NTS



TYPICAL SUBSURFACE BACKFLOW PRENTOR

NTS



SLEEVE UNDER ROADWAY

NTS

SLEEVE NOTES

1. SLEEVE SHALL BE SCHEDULE 40 PVC, OR COMPARABLE PE PIPE PER SPECIFICATIONS.
2. INSTALL SLEEVES IN STRAIGHT LINES PER PLANS OR IN THE MOST DIRECT ALIGNMENT POSSIBLE BASED ON THE SYSTEM DESIGN.
3. EXTEND SLEEVE 36" BEYOND BACK OF CURB OR BACK OF ADJACENT SIDEWALK; COORDINATE END OF SLEEVE LOCATION WITH CITY IF THERE IS NOT 36" OF GREEN SPACE BETWEEN THE SIDEWALK AND PROPERTY LINE (RIGHT-OF-WAY).
4. SEAL ENDS OF SLEEVE WITH UNGLUED CAP, DURABLE TAPE, OR OTHER APPROVED METHOD.
5. SLEEVE ENDS SHALL NOT BE OBSTRUCTED BY OTHER FACILITIES OR UTILITIES THAT WILL PREVENT THE INSTALLATION OF THROUGH-SERVICE.
6. MARK SLEEVE END LOCATIONS WITH STAKES PER DETAIL; PROVIDE ACCURATE LOCATIONS ON AS-BUILT DRAWINGS WITH MEASUREMENTS FROM FIXED, IDENTIFIABLE OBJECTS.

IRRInet-M AC CONTROLLER

NTS

IRRInet-M AC CONTROLLER NOTES

1. CONTROLLER SHALL BE (AS NOTED IN DETAIL E ON THIS SHEET) A 12 STATION MOTOROLA AC IRRInet CONTROLLER ASSEMBLY WITH UHF HT750 EXTERNAL RADIO KIT (MODEL # IMDC-12-RX-S1BP-AHT-SA-X). UNIT SHALL BE MOUNTED IN A STRONGBOX SB-18SS STAINELESS STEEL ENCLOSURE WITH PEDESTAL. ASSEMBLY SHALL INCLUDE UHF DOME ANTENNA KIT AND 12 STATION TERMINAL SET. INSTALLATION SHALL INCLUDE ASSEMBLY, HOT TEST (IN SHOP), RADIO PROGRAMMING AND OPTIMIZATION.

2.. CONTACT CENTRAL CONTROL SYSTEMS, LTD - MARJIE GIEBEL
P.O. BOX 8683 WOODLAND, CA 95776-8683
PH 530-662-6841
FAX 530-662-3776
E-MAIL: CCS@CONTROLSYSTEMS.COM FOR PURCHASE INFORMATION.

4. CONTROLLER TO BE LOCATED AS INDICATED ON PLANS. CONFIRM WITH PARKS AND RECREATION IRRIGATION SUPERVISOR PRIOR TO INSTALLATION.

5. ALL WIRES NOT UNDER MAINLINE TO BE IN CONDUIT AND LOOSE.

6. WIRES BURIED UNDER MAINLINE ARE TO BE BUNDLED AND TAPED AT 20 FOOT INTERVALS.

TRENCH DETAIL

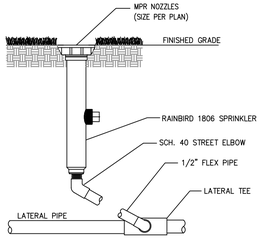
NTS

REMOTE CONTROL VALVE

NTS

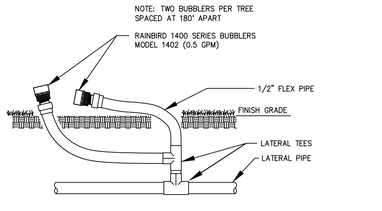
ISOLATION BALL VALVE

NTS



POP-UP SPRAY HEAD

NTS



RAINBIRD 1400 SERIES BUBBLER

NTS

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N Lois Ave. Irrigation Details

L-308.L

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SECTION 328400 - IRRIGATION

PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

A. Furnish all materials, equipment and labor as necessary for the installation of an irrigation system per the drawings and specifications. All work should meet City of Tampa standards for materials and workmanship.

1. Location of underground sprinkler system is shown diagrammatically on project plans.
2. Include shop drawings if directed by City.

B. Related Work:

1. See Section 32 93 00: PLANTS

1.2 RELATED DOCUMENTS:

A. Drawings and general provisions of Contract, including General Provisions, Supplementary General Provisions, Special Conditions, and Division - 1 Specification sections apply to work specified in this section.

1.3 QUALITY ASSURANCE:

A. Workmanship: All work shall be installed by skilled personnel, proficient in the trades required, in a neat, orderly and responsible manner with recognized standards of workmanship. The Contractor shall have had considerable experience and demonstrated ability in the installation of sprinkler irrigation systems of this type.

1.4 SUBMITTALS:

A. Product Data: Submit manufacturer's technical data for all materials and installation instructions for underground sprinkler system prior to starting work on the project site.

B. Drawing Review: Review construction drawings and submit any proposed revisions or substitutions for consideration.

C. Well Design, Equipment & Permit:
1. Submit recommendations and design drawings for a 5" well with a 5 ½ HP variable frequency drive (VFD) submersible pump.
2. Submit product data for each proposed piece of equipment.
3. Submit approved SWFWMD permit.

PART 2 - PRODUCTS

2.2 PIPES, TUBES, AND FITTINGS

A. General: All main and lateral lines shall be PVC or CTS PE pipe unless otherwise specified on drawings. Secondary distribution lines, meter assemblies and other accessory components may use PVC or galvanized steel pipe as necessary and appropriate.
1. Pipe Size: Increased to allow expansion or nozzle size change.
   a. No flow shall exceed 4' per second.
   b. All laterals to heads will be 1" or larger on rotors and ¾" or larger on pop-ups, bubblers and Quick Couplers
   c. Nozzle and zone size will be calculated to provide maximum precipitation rate to reduce watering time based on meter size.
   d. No pipe smaller than ¾".
2. Sleeving: Install sleeves below all paved surfaces.
   a. Sleeves may be PE Pipe or PVC per City approval.
   b. 24" minimum cover
   c. 36" minimum cover when installed below roadway
   d. Sleeves shall be a minimum of 2 nominal sizes larger than the irrigation pipe(s) within.
   e. When sleeves contain both lateral pipe and wiring, wire shall be in conduit.
3. Pipe Fittings:
   a. ANSI B 16.3 galvanized malleable iron screwed fittings shall be used for all galvanized pipe.

B. Galvanized-Steel Pipe: ASTM A 53/A 53M, Standard Weight, Type E, Grade B.
1. ANSI B 16.3 galvanized malleable iron screwed fittings shall be used for all galvanized pipe
2. Galvanized-Steel Pipe Nipples: ASTM A 733, made of ASTM A 53/A 53M or ASTM A 106/A 106M, Standard Weight, seamless-steel pipe with threaded ends.
3. Cast-Iron Flanges: ASME B16.1, Class 125.
4. Paint with 2 coats of forest green enamel if exposed.

C. PVC Pipe: ASTM D 1785, PVC 1120 compound, Schedule 40.
1. PVC Socket Fittings: ASTM D 2466, Schedule 40. Put purple primer first, cement after.
2. PVC Threaded Fittings: ASTM D 2464, Schedule 80.
3. PVC Socket Unions: Construction similar to MSS SP-107, except both headpiece and tailpiece shall be PVC with socket ends.
4. All connections, 4" and less, shall be Weld-On PC-64 purple primer and Weld-On PVC 702 clear cement.

D. PE Pressure Pipe: AWWA C906, with DR of 7.3, 9, or 9.3 and PE compound number required to give pressure rating not less than 200 psig. Fittings in first subparagraph below are available in NPS 1/2 to NPS 48 (DN 15 to DN 1200).
1. Copper Tube Sizing
2. PE Butt, Heat-Fusion Fittings: ASTM D 3261.
3. PE Socket-Type Fittings: ASTM D 2683.

E. Swing Pipe Tubing: Flexible black tubing construction of linear low density polyethylene.
1. Minimum wall thickness of 0.098"
2. Nominal I.D. of 0.49"
3. Each 18" length of tubing shall be capable of pressure testing at the rate of 80 psi per second to a minimum burst pressure of 350 psi.
4. Tubing shall be capable of delivering 8 gpm maximum.

2.3 VALVES, WIRING, ETC

A. Manual Valves: PVC Schedule 40 ball valves unless otherwise noted herein or on the project drawings.

B. Electric Valves: Irritrol 200B series electric valve with flow control. AC or DC depending upon power source. If DC is specified, a separate common wire for each 6 zones must be installed. Master valve to be used with more than 2 zones of if main line crosses a roadway. No pressure regulator on valves. For reclaimed applications use Rainbird PEB valve.

D. Automatic Valve Wiring: 14 gauge direct burial wire, color coded as follows: red for zones; blue for master valve and black for extras. Two black extra wires to be run to the furthest valve from controller in each direction. Wire splices shall be made at a common location, contained in a valve box and spliced using greased filling King wire nuts. All wire to be brought to timer location with 6' pigtail to facilitate hook-up. Provide 12 gauge white common wire for any runs over 100'.

E. Valve Box: Provide concrete or double wall concrete rated plastic box valve box with cover, size as needed, or as specified on drawings. Place level on brick or stone blacks. Provide a minimum of 2" of #57 stone below exposed PVC pipes. Top of valve installed flushed with finished grade.

2.4 SPRINKLERS

A. Sprinkler Heads: Manufacturer's standard unit designed to provide uniform coverage over entire area of spray shown on drawings at available water pressure and installed using K-flex pipe and Schedule 40 PVC connectors as follows:
1. Bubbler: Rainbird 1402 - 0.5 GPM on K-Flex pipe (2 per tree).
2. Pop-up Spray: Rainbird 1800 series with nozzle to match application (No PRS)

2.5 EQUIPMENT:
a. Backflow Preventer: Existing to remain
b. Computerized Irrigation Controller: Existing to remain

PART 3 - EXECUTION

3.1 SYSTEM DESIGN:

A. Water Source: Refer to project drawings for water source(s).

B. System design shall consider existing facilities and all proposed site improvements to avoid conflicts and provide the most efficient operation practical.

C. Design Pressures: Verify available water source and pressure prior to system design. Design system throughout to be compatible with available water source. Use reclaimed water whenever available. Athletic fields to be on a well system whenever possible.

D. Location of Heads: Design locations in accordance with accepted sprinkler practice to provide 100% head to head coverage. Make minor adjustments as necessary to avoid structures and other obstructions.

E. Minimum Water Coverage:
1. 100% of all landscape beds and turf areas.
2. Layout may be modified, if necessary to obtain coverage, and to suit manufacturer's standard heads. Do not decrease number of heads indicated unless otherwise acceptable to City Representative. Any proposed decrease must be approved by the City Representative.

F. Group valves close to water source in 1 or 2 locations. Planting beds, trees and turf areas shall be on separate zones.

G. Minimize wiring runs. Maximize use of lateral lines. Keep valves 5' from closest hardscape.

H. No flow shall exceed 4 feet per second.

I. Top of pipe to grade shall be:
1. Manifolds: 6"
2. Laterals: 12"
3. Mainlines: 18"

J. Design zones to have matched precipitation rates.

K. Do not use pressure-regulating sprinklers.

L. Install sprinklers 3 inches from curbs, hardscapes and structures to allow for edging.

M. Computerized irrigation system controller will be installed by the City of Tampa. Verify controller location prior to installation of irrigation system and related electrical wiring.

N. No pipe smaller than ¾"

O. Quick Coupler Valve shall be installed in a traffic rated valve box at finish grade. Provide 3" of galvanized main line up to and after a galvanized T. Provide 2' of vertical galvanized pipe, capped at bottom. Mount QC valve on galvanized nipple, length as required. Quick Coupler to be on a separate main line (See Quick Coupler valve detail).

P. Coordinate and confirm water source and electric source.

3.2 ELECTRIC and WATER SERVICE:

A. Water Service: The contractor shall include in the bid price all costs associated with providing water service to system as required. This includes all applications and fees required by City of Tampa Water Department to provide service, connection fees and all materials and labor for a complete functioning system. Contractor shall be responsible for applying and paying for any new water meters as required.

B. Electric Service: Contractor shall include in bid price all costs associated with providing power service to system as indicated in the general provisions of the contract. This includes all applications, drawings and fees required by Tampa Electric Company (TECO) and the City of Tampa. All work to comply with City of Tampa codes and TECO standards for power connection. All costs associated with power installation and connection shall be the responsibility of the contractor.

C. Water and electric meters will be associated with City of Tampa accounts; coordinate with City Representative during the application process.

3.3 TRENCHING AND BACKFILLING:

A. General: Protect existing utilities, paving, plants, trees and other facilities caused by irrigation operations. Contractor shall be responsible for the repair of any damage to existing utilities and paving. Excavate straight and true with bottom uniformly sloped to low point.

B. Sunshine: Contactor shall be responsible for notifying underground utilities 48 hours prior to beginning work (800) 432-4770. No site work shall commence until all underground utilities have been properly located and identified.

C. Backfill: Backfill with clean material from excavation. Remove organic material as well as rocks and debris larger than 1" diameter. Place acceptable backfill material in 6" lifts, compacting each lift.

D. Existing Lawns: Where trenching is required across existing lawns, trench no wider than necessary to accommodate pipes.
1. Backfill trench to within 6" of finished grade. Continue fill with acceptable topsoil and compact to bring area to the elevation of existing lawn.
2. If trench is more than 6" in width, relay or plant new sod within 7 days after removal, roll and water generously.
3. Restore to original condition any sod areas not in healthy condition equal to adjoining lawns 30 days after planting.

E. Existing Trees:
1. Install pipes via boring/directional drilling when pipes are required within the protective radius of existing trees as defined by the Tampa Code of Ordinances and Landscape Technical Manual.
2. Trenching shall comply with the City of Tampa Code of Ordinances and Landscape Technical Manual; and minimize disturbance of existing tree roots. City Representative shall be present, prior to beginning work, to determine limits of root pruning and shall approve any work within protective radius of trees. Any required root pruning shall be performed per the Landscape Technical Manual and ANSI A-300.

F. Pavements:
1. Boring is the preferred method. Open cuts must be approved by City Representative. Where existing pavements must be crossed to install landscape irrigation system, saw cut straight clean lines 6" wider than trench.
2. Excavate trench to required depth and width.
3. Remove cut out pavement and excavated material from the site.
4. Backfill with dry sand fill material, placing in 6" lifts to meet City of Tampa compaction requirements.
5. Repair or replace pavement cuts with equivalent materials and finishes.
6. If a concrete sidewalk is cut or damaged, the full section must be replaced.
7. Piping under hardscape that is 5' wider or greater shall be sleeved.
8. Contractor is responsible for daily clean up of operations to include debris, directional bore slurry and any hydraulic fluids.

3.4 INSTALLATION

A. Refer to project drawings for additional information.

B. A pre-construction meeting will occur on site prior to commencement of work.

C. General: Contractor shall be responsible for filing and obtaining any and all agency permits as described. All work must conform to City of Tampa and the latest adopted plumbing code. Any work taking place along a city, county or state road or median must comply with appropriate regulating authority guidelines for Traffic Control for Construction and Maintenance Operations.

D. Required Inspections:
1. Piping: prior to covering.
2. All materials prior to planting and/or mulching.
3. 24 hour notice of inspection required.
4. Main lines require pressure tests of 50 PSI to be maintained for minimum of 1 hour.

E. Backflow Preventer: Install underground in a rectangular valve box with 6" gravel sump. Box of adequate size for easy testing access.

F. Control Valves: Install in valve box. Arrange in box for easy adjustment and removal.
1. Adjust size of automatic control valves to provide flow rate of rated operating pressure required for each sprinkler zone.
2. All zone wiring and Maxi-com cable to be installed under the main line or in conduit. Wiring that shares a sleeve with irrigation water lines shall be contained in its own conduit.

G. Provide 18" of straight uninterrupted PVC pipe in front of the Master Meter and 12" of straight behind.

H. Piping: Lay pipe on solid sub-base uniformly sloped.
1. Install PVC pipe in dry weather when temperature is above 40 degrees F in strict accordance with manufacturer's instructions. Allow joints to cure at least 24 hours at temperatures above 40 degrees F (4 degrees C) before testing, unless otherwise recommended by manufacturer. All PVC connections will be cleaned with purple primer prior to cementing.
2. Mainline depth shall be 18".
3. Lateral line depth shall be 12".

I. Sprinkler Heads: Flush circuit lines with full pressure and install nozzles after hydrostatic test is completed.
1. Install all heads at manufacturer's recommended heights.
2. Locate part-circle heads to maintain a minimum distance of 3" from curbs, hardscape and structures.
3. After completion of grading, seeding or sodding, and rolling of the grass areas, carefully adjust lawn sprinkler heads so they will be flush with grade.
4. Pop-ups installed on ½" flex hose using Schedule 40 PVC connectors.
5. Rotors to be installed on appropriate size flex hose using Schedule 40 PVC connectors. Ensure sprayer rotor water does not directly contact existing structures or hardscape areas.

J. Dielectric Protection: Use dielectric fittings at connection where pipes of dissimilar metal are joined.

K. Wiring: All wiring shall be performed by the contractor as shown on drawings. All wiring shall be run from point of connection back to the controller. Provide 6' pig tail.

L. Quick Coupler Valves:
1. Install coupler valve on an independent main line (do not collocate with irrigation zones).
2. Build and install per details on construction drawings. Provide 3" of galvanized main line up to and after a galvanized T. Provide 2' of vertical galvanized pipe, capped at bottom. Mount QC valve on galvanized nipple, length as required.
3. Install valve in traffic rated valve box at finish grade; assembly shall be arranged so that tap can be easily connected and operated; consider tap and hose size requirements.

3.5 ACCEPTANCE:

A. Maintenance: Contractor is responsible for all maintenance of the system until final acceptance by City Representative and for the maintenance period specified in section Trees, Plants and Ground Covers.

B. Final Inspection: The inspection of irrigated areas will be made by the City Representative upon contractor's request. Provide notification at least 2 working days prior. The City Representative will provide a punch list of those items which must be corrected before re-inspection for final acceptance. The City Representative will set an appropriate time period in which the punch list items must be corrected.
1. Contractor to provide notification of at least 2 working days prior to inspection.
2. System to be run through electronically of all zones to ensure all components are working properly.
3. System to be run through City programming for one week prior to final acceptance.
4. As Built drawings: At project closeout, the Contractor shall submit complete electronic drawings showing any changes from approved shop drawing. These shall be included as part of required As-Built/Record Drawing requirement of the general provision and shall include the following:
   a. Irrigation system as installed.
   b. Water source location and size.
   c. Power source location.
   d. Changes to controller type or location.
   e. Changes in type or location of flow meter or master valve.
   f. Any wiring changes in location, number, type, color.
   g. Valve locations should be dimensioned and areas controlled identified.
   h. Location, depth and size of mainline and feeder lines. Off-set to main line requested.
   i. Location of maxi-com cable.
   j. Location and depth of all directional bores.

END OF SECTION 32 84 00

3.6 GUARANTEE:

A. Guarantee: All work shall be guaranteed by contractor for one year from date of final acceptance against all defects and malfunctions in materials, equipment and workmanship and shall be included as a part of the project closeout document requirements.
1. The guarantee shall also cover repair of damage to any part of the premises resulting from leaks or other defects in materials, equipment and workmanship, to the satisfaction of the City of Tampa. Repairs, if required, shall be done promptly at no cost to the City of Tampa. The contractor shall not be responsible for damage to the irrigation system by others. The guarantee shall state the name of the owner, provide full guarantee terms, effective and termination date, name and license number. It shall be signed by the chief executive of the contracting firm and notarized. Manufacturer's warranties shall not relieve the contractor of his liability under the guarantee. Such warranties shall only supplement the guarantee.
2. The contractor shall make necessary repairs within 72 hours notice. If the Contractor neglects to make or undertake the repairs with the due diligence, the City of Tampa may make such repairs at the contractor's expense. In the case of an emergency where in the judgment of the City of Tampa, delay would cause loss or damage, repairs or replacement may be mad without notice being sent to the contractor and the contractor shall pay the cost thereof.

END OF SECTION 32 84 23

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STATE OF FLORIDA

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EXP. 11-30-2025

CONSULTANTS:

TAMPACRA
DREW PARK

REVISION:	DATE:
1 Permit Revsions	07.01.2025

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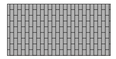
SHEET NAME & NUMBER:
N Lois Ave. Irrigation Specifications
L-309.L

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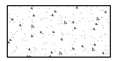
LEGEND

Existing Tree: *Sabal palmetto,* Sabal Palm - Tree to be preserved and protected. (After Tree Removal on Sheet Series L-200.L.)

Lagerstroemia indica 'Muskogee', Crape Myrtle - Tree to be preserved and protected. (After Tree Removal on Sheet Series L-200.L.)



Areas of proposed pervious pavers. Refer to Detail 1/L400.1L



Areas of proposed concrete. Refer to Detail 5/L-400.1L.

ROW = Right of Way. Limit of work is within the ROW.

OHW OHW

OHW = Overhead Power Line (Approximate Location).

SITE CONSTRUCTION NOTES

1. 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. SIDEWALKS SHALL NOT EQUAL OR EXCEED A LONGITUDINAL SLOPE OF 5.0% UNLESS INDICATED ON PLANS.
17. SIDEWALK CROSS SLOPES SHALL NOT EXCEED 2.0%.
18. LAYOUT AND VERIFY ALL HARDSCAPE ELEMENTS IN THE FIELD FOR APPROVAL BY THE CITY, PRIOR TO THE START OF CONSTRUCTION. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE CITY.
19. DIMENSIONS SHALL NOT BE SCALED FROM THE CONTRACT DOCUMENTS. WRITTEN DIMENSIONS SHOWN ON THE PLANS SHALL RULE. IN THE CASE OF AMBIGUITY THE CONTRACTOR SHALL REQUEST IN WRITING A CLARIFICATION OF DIMENSIONS FROM THE CITY.
20. 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.
21. ANY INFRASTRUCTURE, STRUCTURAL ELEMENTS, OR UTILITIES ARE SHOWN FOR REFERENCE ONLY. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CITY.
22. DIMENSIONS ARE TO WALL, STAIR FACES, BACK OF CURB, AND EDGE OF WALK UNLESS INDICATED OTHERWISE ON DRAWINGS.
23. CONSTRUCT ALL CURVILINEAR SITE ELEMENTS WITH SMOOTH, CONTINUOUS, UNBROKEN CURVES.
27. PROVIDE A MINIMUM OF 1 YEAR WARRANTY FOR ALL WORKMANSHIP AND PLANT MATERIAL. EQUIPMENT AND SITE FURNISHINGS WARRANTY PER MANUFACTERER.
28. SUBMIT PRODUCT DATA, SAMPLES AND PRODUCT DATA SHEETS FOR ALL PRODUCTS SPECIFIED ON THE PLANS AND INCLUDED IN THE HARDSCAPE SCHEDULE, 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 THE FOLLOWING MATERIAL SAMPLES:
   30.1. PAVER TYPES: PREPARE A 4'X4' COLOR SAMPLE FOR CITY APPROVAL. CITY MAY REQUIRE UP TO 3 COLOR SAMPLES AT NO ADDITIONAL COST.
31. SUBMIT PRODUCT MATERIAL/DADA SHEETS FOR:
   31.1. BASE COURSE MATERIALS
32. SUBMIT MOCK UPS FOR:
   32.1. PAVER LAYOUT: 6X6 PANEL.
33. PROVIDE LAYOUT REVIEWS, BEFORE INSTALLATION FOR:
   33.1. FINISH GRADE
   33.2. ALL PAVER APPLICATIONS, UNDERSTANDING STARTING POINT AND ANY LAYOUT DISCREPANCIES IN ADVANCE OF INSTALLATION.

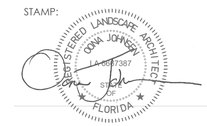
GENERAL NOTES

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 PREEXISTING 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.

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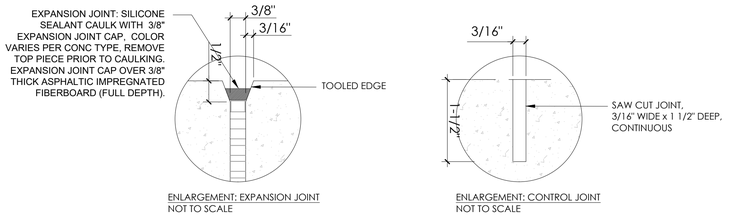
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ISSUANCE:
PERMIT SUBMITTAL

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SHEET NAME & NUMBER:
N Lois Ave. Construction Notes, Legend & Details
L-400.L

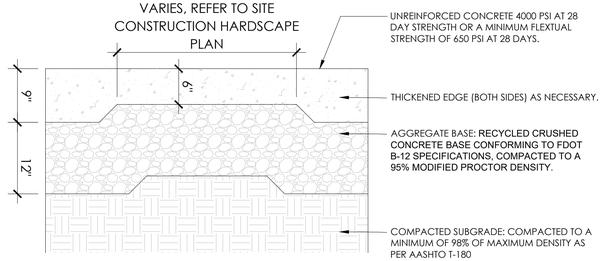
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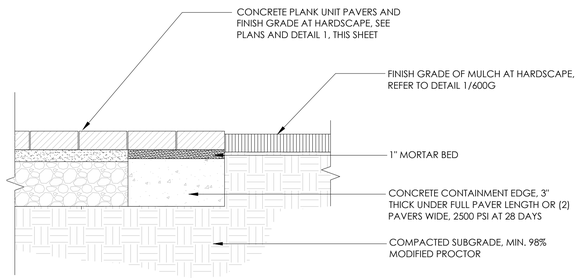
NOTES:
1. REFER TO HARDSCAPE PLAN FOR LOCATION OF EXPANSION AND CONTROL JOINTS.
2. PROVIDE EXPANSION JOINTS AT ALL COLD JOINTS.
3. REFER TO FDOT INDEX 305 FOR TYPICAL JOINT DETAILS
4. REFER TO ARCHITECTURE DRAWINGS FOR JOINTING AGAINST BUILDING.

6 L-400.L CONCRETE: CONTROL & EXPANSION JOINTS
SCALE: N/A

NOTES:
1. REFER TO DETAIL 6, THIS SHEET, FOR EXPANSION AND CONTROL JOINT DETAIL.
2. LIGHT BROOM FINISH.

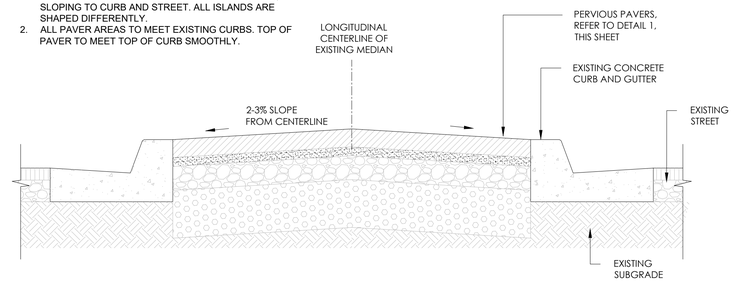


5 L-400.L CONCRETE: SIDEWALK PAVING
SCALE: N/A



4 L-400.L PAVER CONTAINMENT EDGE
SCALE: N/A

NOTES:
1. CROWN ALL MEDIAN/STREET ISLANDS (AREAS NOT ASSOCIATED WITH SIDEWALKS). CROWN TO BE SMOOTH WITH A MAX SLOPE OF 3% AND MIN SLOPE AT 2%. HIGH POINT IN THE CENTER OF THE ISLAND, SLOPING TO CURB AND STREET. ALL ISLANDS ARE SHAPED DIFFERENTLY.
2. ALL PAVER AREAS TO MEET EXISTING CURBS. TOP OF PAVER TO MEET TOP OF CURB SMOOTHLY.



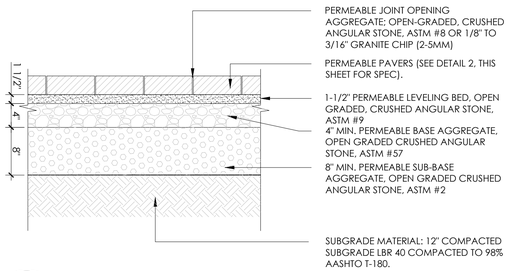
3 L-400.L PERVIOUS PAVING LAYOUT - ISLANDS
SCALE: N/A

NOTES:
1. PAVER DIRECTION AS SHOWN ON PLAN. PAVER PATTERN PER PHOTO BELOW.
2. WHERE THERE IS AN ACUTE ANGLE WITH PAVERS, APPLY PAVERS UNTIL 12" OF CORNER OR NEXT FULL PAVER. THE REMAINING CORNER, APPLY CONCRETE. THIS WILL ALLEVIATE THE NEED TO CUT PAVERS INTO SMALL SLIVERS/PIECES. VERIFY CONDITIONS IN FIELD.
3. PAVER LAYOUT TO FOLLOW EXISTING CURB/ROAD LAYOUT. FIRST FULL PAVER TO START AT SIDEWALK EDGE. CUT PAVERS TO BE AT EDGE OF CURB.
4. SPECIFICATIONS:
   4.1. UNILOCK PERMEABLE PAVERS, ECO-PROMENADE, 3"X12"X4" AND 4"X16"X4" SIZES, PREMIER FINISH, COLOR: ALMOND GROVE. CONTACT: STEPHANIE NEIL, 416-523-6432, STEPHANIE.NEIL@UNILOCK.COM, OR APPROVED EQUAL.
5. PAVER LAYOUT SHALL BE ADJUSTED BASED ON ACTUAL SITE CONDITIONS WITH CITY APPROVAL.
6. ALL PAVER AREAS TO BE STAKED IN THE FIELD AND REVIEWED AND APPROVED BY THE LA & CITY BEFORE WORK COMMENCES. GENERAL SHIFTING OF PAVER AREAS MAY HAPPEN AT THIS TIME. CONTRACTOR TO GIVE LA & CITY AT LEAST 2 WEEKS NOTICE FOR THIS REVIEW.
7. CONTRACTOR TO NOTIFY LA & CITY OF ANY DISCREPANCIES BEFORE WORK COMMENCES.
8. ALL PAVER AREAS TO MAINTAIN THE EXISTING ADJACENT GRADES IN A EVEN, SMOOTH TRANSITION.
9. ALL SLOPES TO EXISTING DRAINAGE FACILITIES TO BE MAINTAINED.
10. REFER TO SITE CONSTRUCTION NOTES, THIS SHEET.



2 L-400.L PERVIOUS PAVING LAYOUT
SCALE: N/A

NOTES:
1. ALL AGGREGATE AND JOINT MATERIAL SHALL BE CRUSHED GRANITE, ANGULAR STONE AND FREE OF FINES. DO NOT USE LIMESTONE.
2. SURFACE SLOPE SHALL CONFORM TO EXISITING SLOPE CONDITIONS, DRAINING TO EXITING STORM DRAIN FACILITIES, EXISTING SWALES, AND MEETING EXISTING HARDSCAPE SURFACE.
3. THE MINIMUM THICKNESS OF AGGREGATE SHOWN ARE AFTER COMPACTION.
4. INSTALL ALL PAVERS PER ALL MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS.
5. INSTALL ALL GEOTEXTILES PER ALL MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS OR AS DIRECTED BY A LICENSED PROFESSIONAL ENGINEER.
6. INSTALL ALL PAVING PER ALL APPLICABLE CODES LAWS AND ORDINANCES.



1 L-400.L PERVIOUS PAVING
SCALE: 1" - 1'-0"

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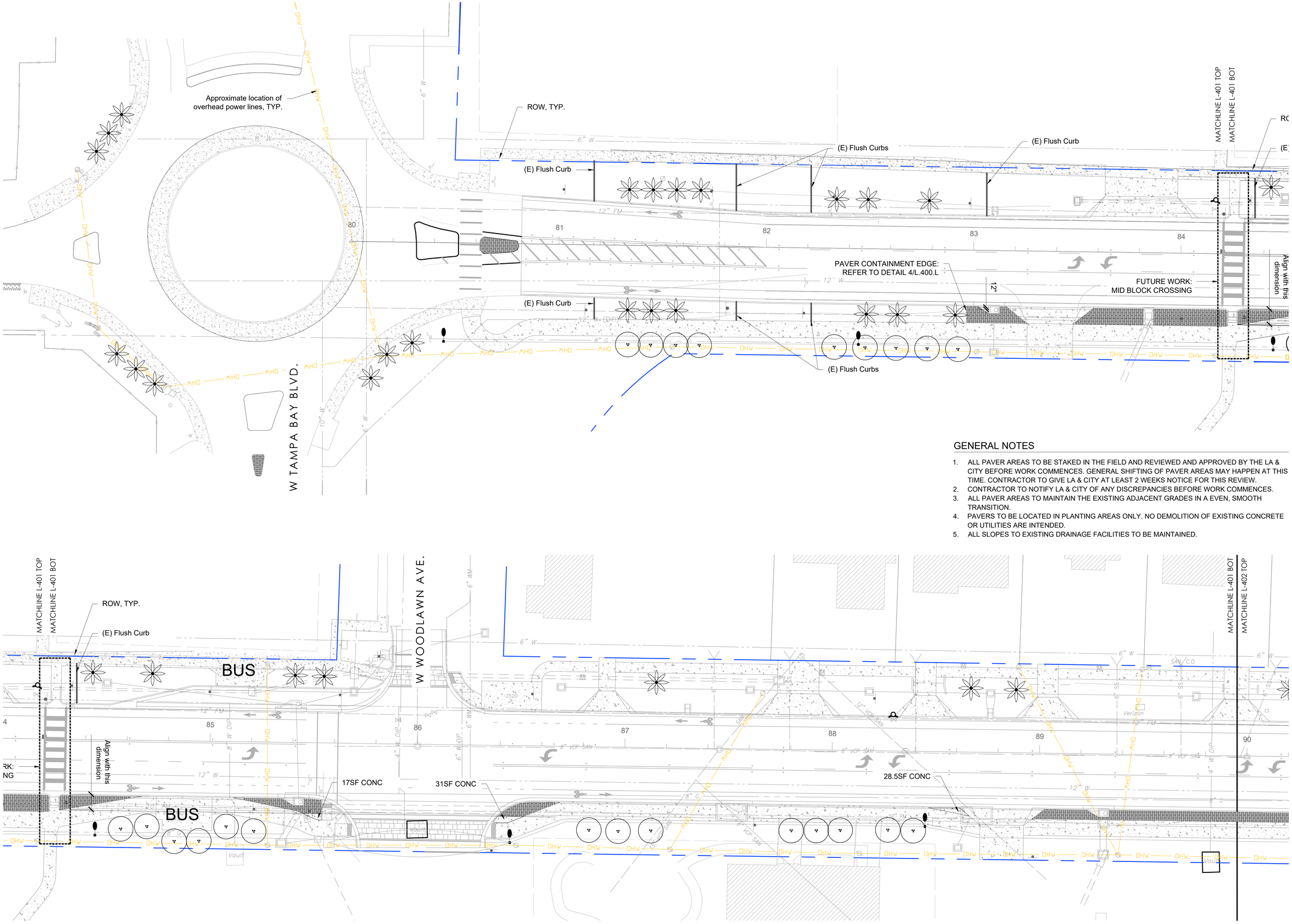
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L-400.1L

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2. CONTRACTOR TO NOTIFY LA & CITY OF ANY DISCREPANCIES BEFORE WORK COMMENCES.
3. ALL PAVER AREAS TO MAINTAIN THE EXISTING ADJACENT GRADES IN A EVEN, SMOOTH TRANSITION.
4. PAVERS TO BE LOCATED IN PLANTING AREAS ONLY. NO DEMOLITION OF EXISTING CONCRETE OR UTILITIES ARE INTENDED.
5. ALL SLOPES TO EXISTING DRAINAGE FACILITIES TO BE MAINTAINED.

20' 0 20' 40'
1" = 20'

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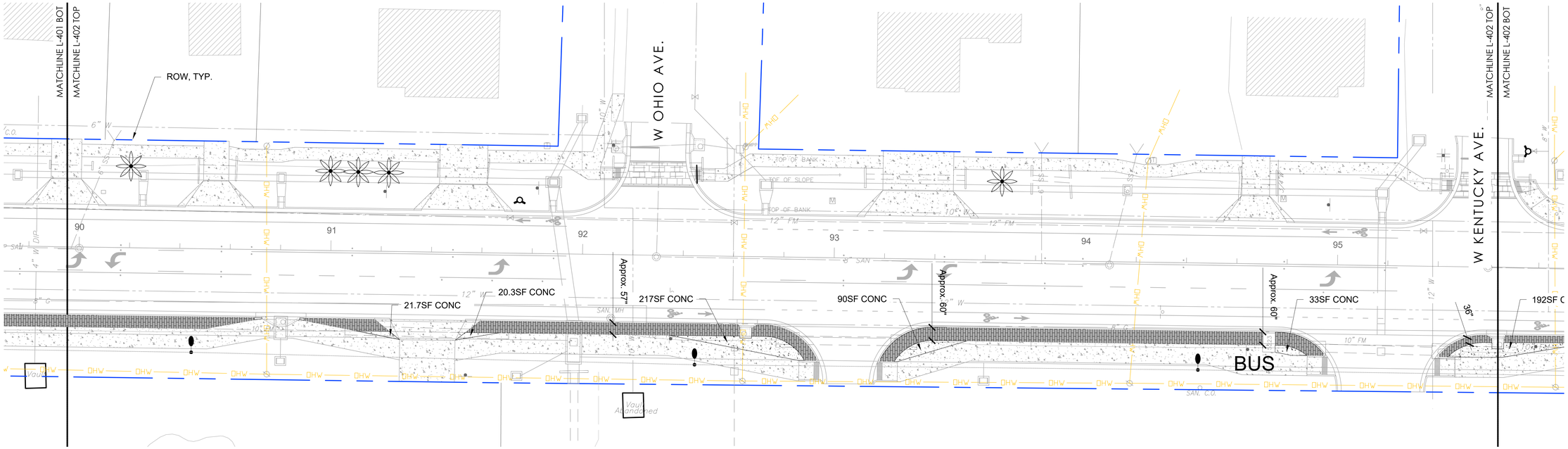
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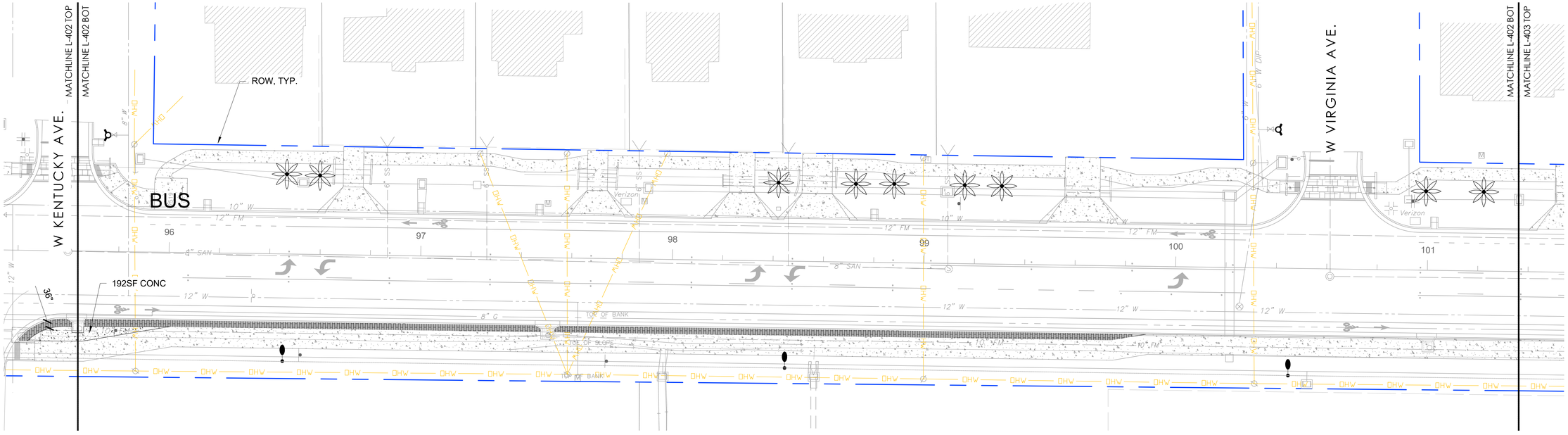
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L-401.L

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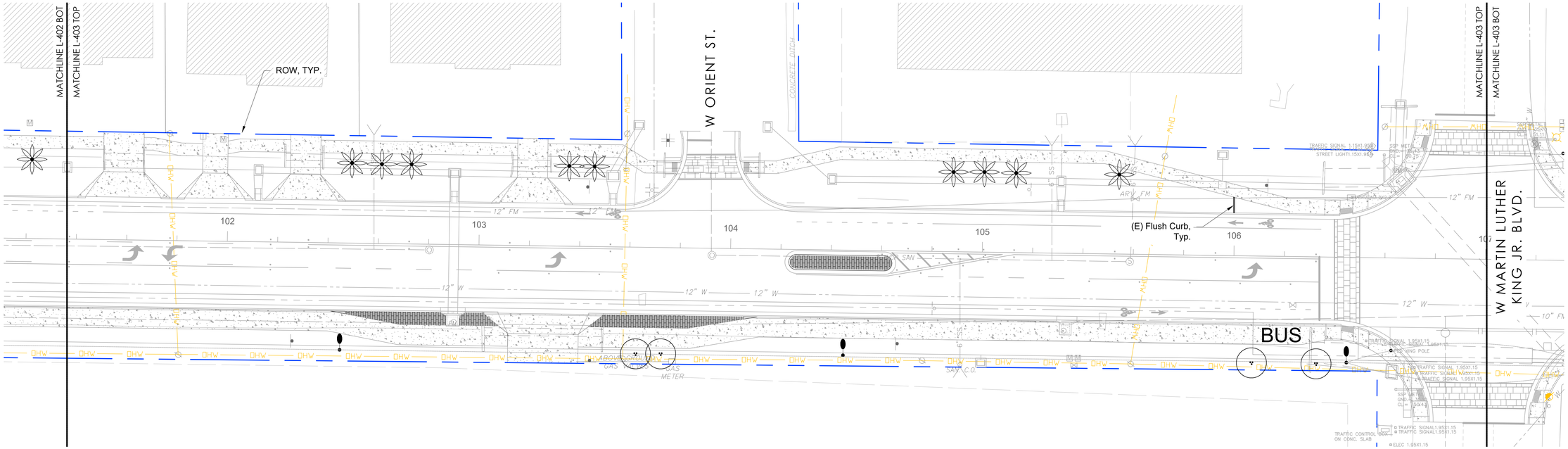
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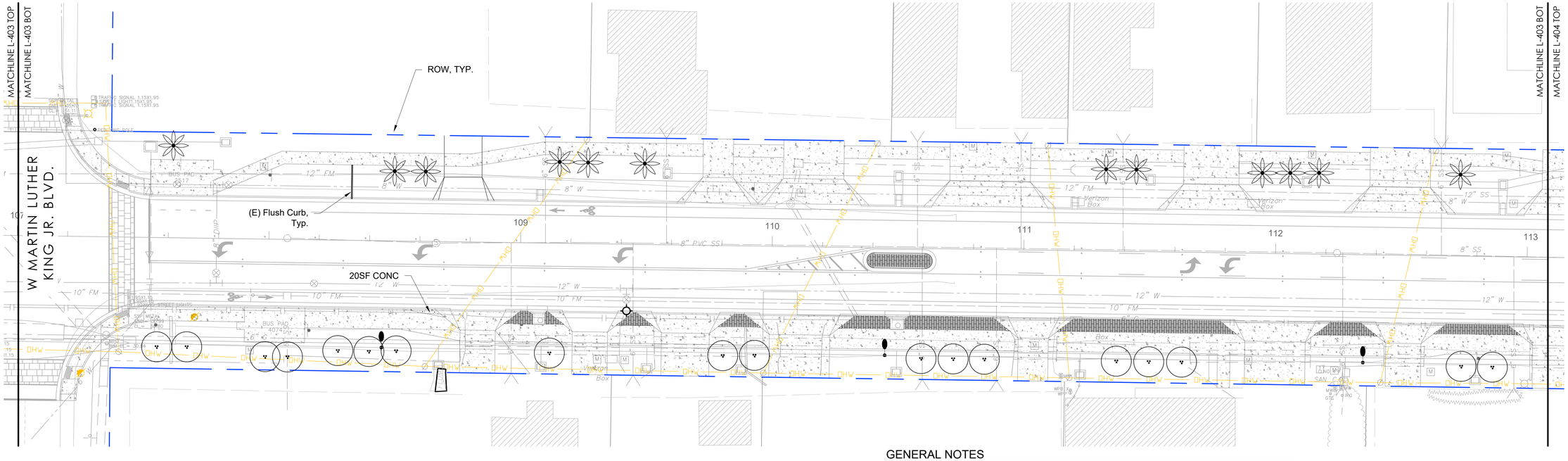
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PROJECT #:	14.22

SHEET NAME & NUMBER:
N Lois Ave. Construction Plan

L-402.L

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





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5. ALL SLOPES TO EXISTING DRAINAGE FACILITIES TO BE MAINTAINED.

20' 0 20' 40'
1" = 20'

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Tampa, FL 33629
831 915 6838 oona@OJLA.co
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OONA JOHNSEN LA 6667387
EXP. 11-30-2025

CONSULTANTS:

TAMPACRA
DREW PARK

REVISION:	DATE:
1 Permit Revsions	07.01.2025

PROJECT NAME:
Drew Park Lois Ave Landscape & Streetscape Audit and Recommendations
Old #: 22-D-20701
New #: ROW-24-0001241

OWNER:
City of Tampa . Drew Park CRA

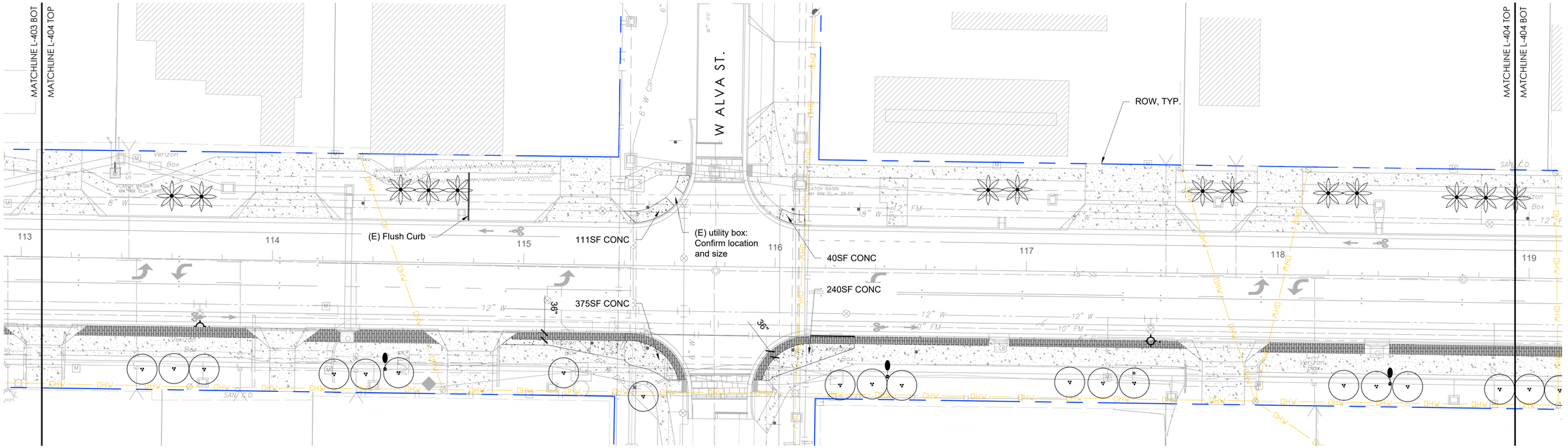
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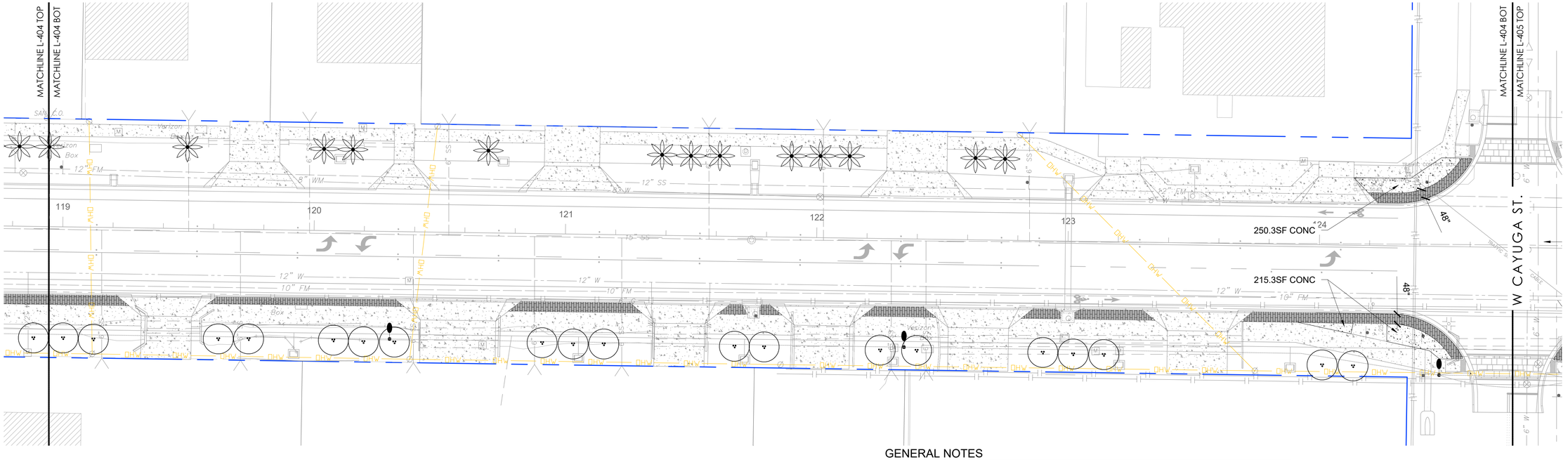
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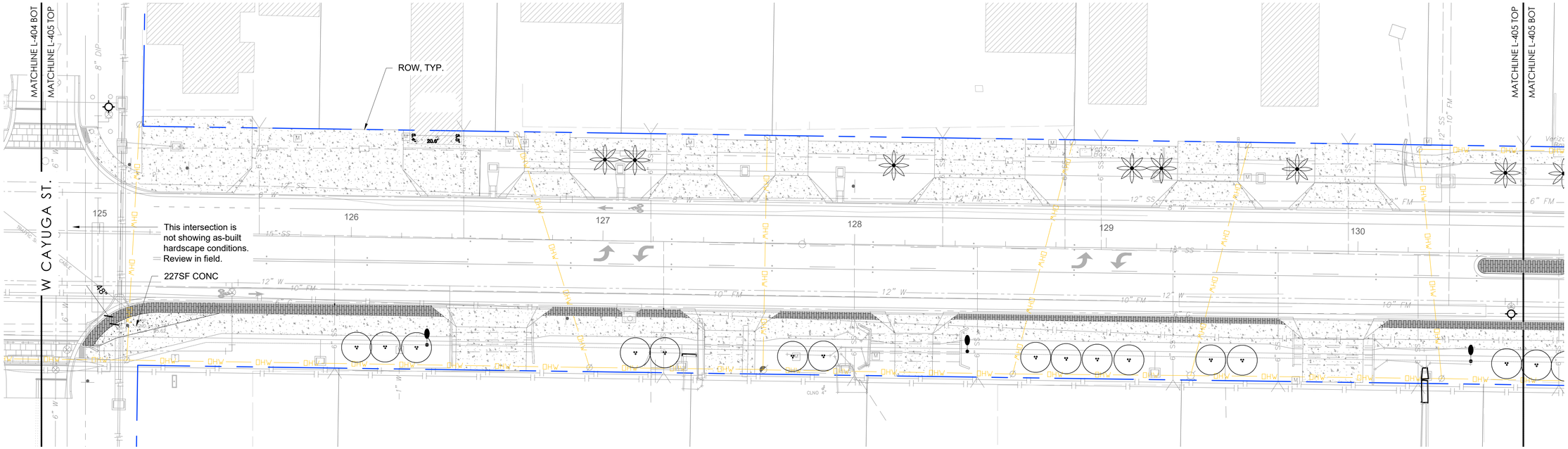
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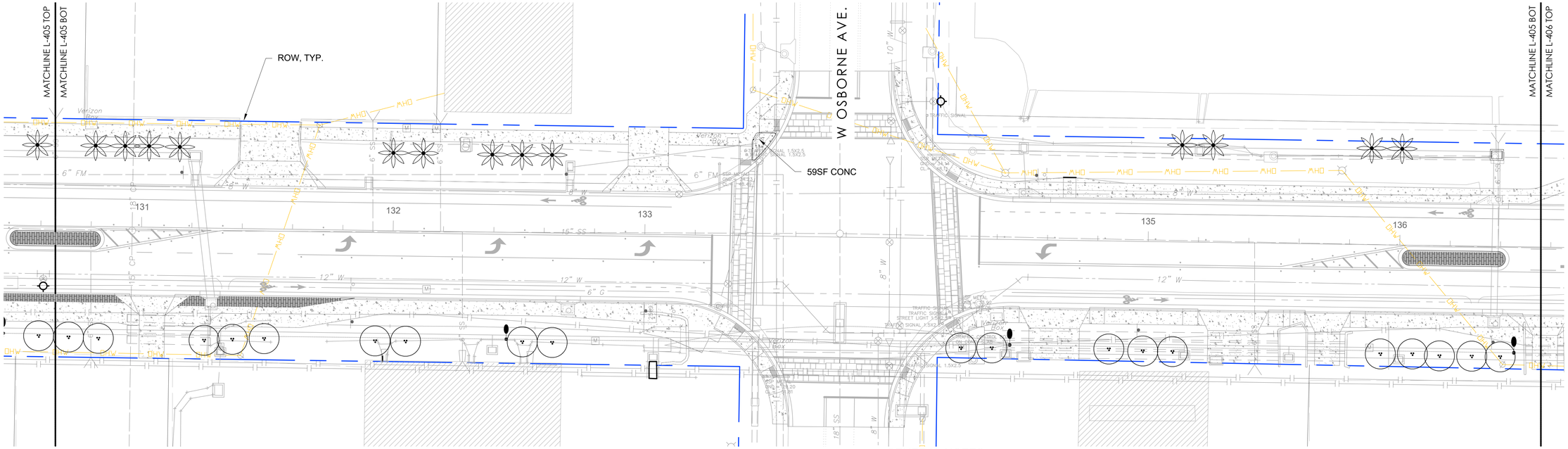
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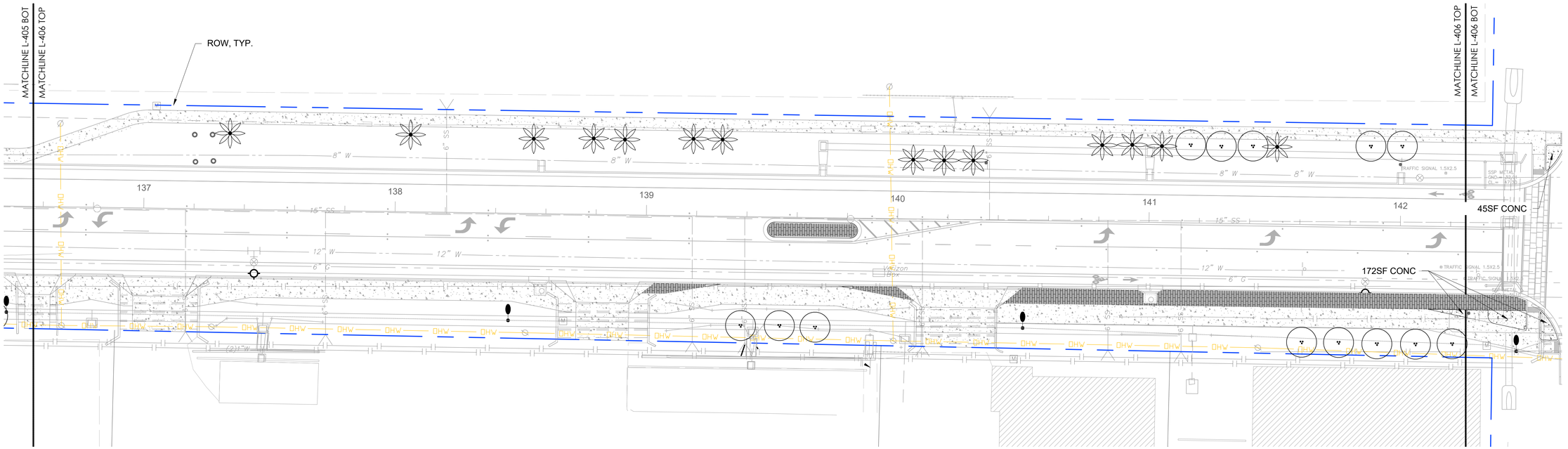
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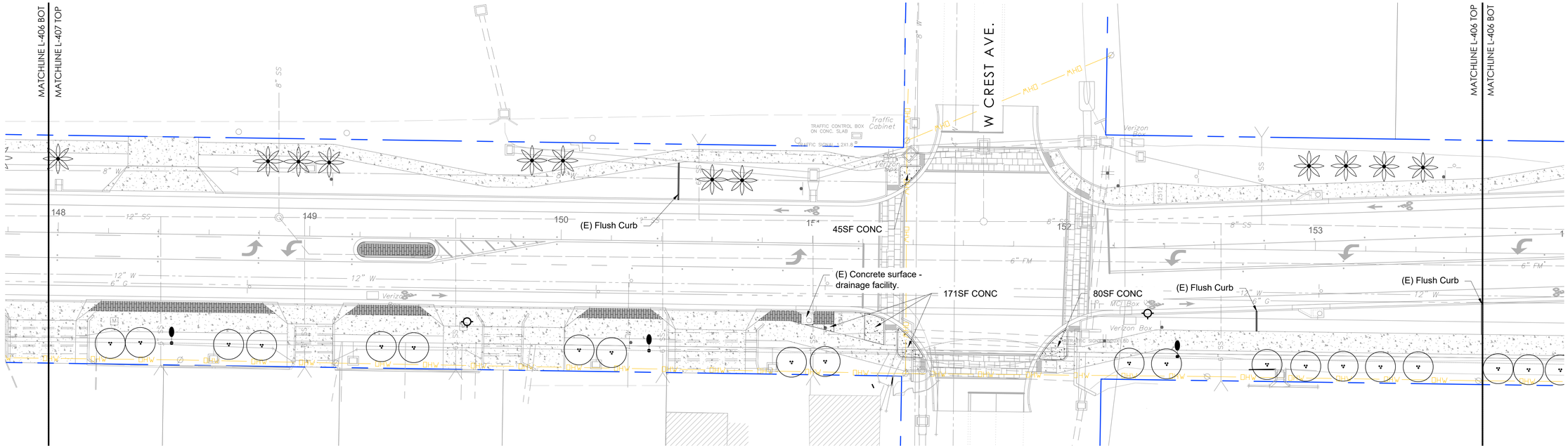
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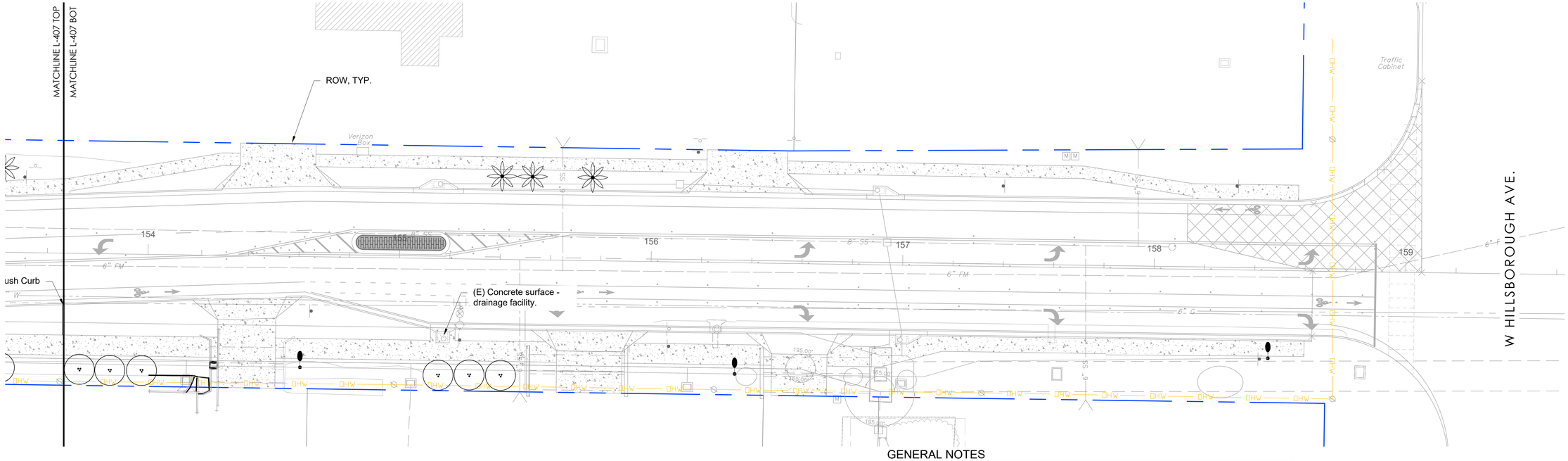
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N Lois Ave. Construction Plan

L-406.L

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SHEET NAME & NUMBER:
N Lois Ave. Construction Plan

L-407.L

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PLANTING NOTES

1. REFER TO GENERAL NOTES ON SHEET L-400.L.
2. REFER TO SITE CONSTRUCTION NOTES ON SHEET L-400.L.
3. CONTRACTOR TO SUBMIT THE FOLLOWING MATERIAL SAMPLES:
   - 3.1. MULCHES (INCLUDING SHELL MULCH). 1-GALLON BAG EACH TYPE.
4. CONTRACTOR TO SUBMIT PRODUCT MATERIAL/DATA SHEETS FOR:
   - 4.1. PRE-EMERGENT
   - 4.2. PLANTING SOIL MIX
   - 4.3. FERTILIZERS
   - 4.4. SOIL AMENDMENTS
   - 4.5. PLANT MATERIAL PROCURED (NAME/SIZE/QUANTITY) AND LOCATION OF NURSERY.
   - 4.6. TREE STAKING MATERIALS
   - 4.7. IRRIGATION
5. CONTRACTOR TO PROVIDE LAYOUT REVIEWS, BEFORE INSTALLATION FOR:
   - 5.1. TREE LOCATION
   - 5.2. FINISH GRADE
   - 5.3. PLANTING LAYOUT
6. REFER TO IRRIGATION PLANS FOR IRRIGATION RELATED LAYOUT REVIEWS.

1: Tall and Wide

PROTECTED TREES				GRAND TREES		
Trees Retained	# of Trees	Multiplier	Credits	Trees Retained	# of Trees	Credits*
5" to 10"	2	0	0	Grand Trees	6	
11" to 20"	2	0	0			
21" to 25"	3	0	0			
26" to <32"	0	0	0			0
Subtotal	7		0			
Trees Removed	# of Trees	Multiplier	Debits	Trees Removed	# of Trees	Debits*
5" to 10"	0	1	0	Grand Trees	0	
11" to 20"	0	2	0			
21" to 25"	0	3	0			
26" to <32"	0	4	0			
Subtotal	0		0			0.00
(0) + (0) + (0) + (0) = 0				Total Mitigation Trees Required:	TYPE 1 =	0

2: Tall and Narrow

Trees Retained	# of Trees	Multiplier	Credits	Trees Retained	# of Trees	Credits*
5" to 17"	0	0	0	Grand Trees	0	
18" to 29"	0	0	0			
30" to <32"	0	0	0			
Subtotal	0		0			0.00
Trees Removed	# of Trees	Multiplier	Debits	Trees Removed	# of Trees	Debits*
5" to 17"	11	1	11	Grand Trees	0	
18" to 29"	0	2	0			
30" to <32"	0	3	0			
Subtotal	11		11			0.00
(0) + (11) + (0) + (0) = 11				Total Mitigation Trees Required:	TYPE 2 =	11

3: Short & Wide/Multi-Stem

Trees Retained	# of Trees	Multiplier	Credits	Trees Retained	# of Trees	Credits*
5" to 7"	150	0	0	Grand Trees	0	
8" to 17"	9	0	0			
18" to 29"	0	0	0			
30" to <32"	0	0	0			
Subtotal	159		0			0.00
Trees Removed	# of Trees	Multiplier	Debits	Trees Removed	# of Trees	Debits*
5" to 7"	69	1	69	Grand Trees	0	
8" to 17"	1	2	2			
18" to 29"	0	3	0			
30" to <32"	0	4	0			
Subtotal	70		71			0.00
(0) + (71) + (0) + (0) = 71				Total Mitigation Trees Required:	TYPE 3 =	71

Palms

Trees Retained	# of Trees	Multiplier	Credits			
Palms with 6' CT						
Any dbh	170	0	0			
Subtotal	170		0			
Trees Removed	# of Trees	Multiplier	Debits			
Palms with 6' CT						
Any dbh	12	1	12			
Subtotal	12		12			
(0) + (12) = 12				Total Mitigation Trees Required:	PALMS =	12

DM 2022

* Credits or Debits = Equivalent quantity of 2.5" Cal Trees (or Palms) Required

TREE SCHEDULE

SYMB	QTY	BOTANICAL NAME	COMMON NAME	SIZE & SPECIFICATIONS	TOTAL CALIPER IN.
BIS NOB	8	Bismarkia nobilis	Bismark Palm	10' CT, Matched, Full head, Florida Grade No. 1 Min.	8
CAL HAE	9	Calliandra haematocephala	Powderpuff Tree	3" Caliper, 12-14' Tall, 45 Gal. or larger based on availability, Multi-trunk, 3 Canes Min.,Florida Grade No. 1 Min.	27
CAL RIG	49	Callistemon rigidus	Bottlebrush Tree	3" Caliper, 12-14' Tall, 45 Gal. or larger based on availability, Multi-trunk, 3 Canes Min., Florida Grade No. 1 Min.	147
DEL REG	17	Delonix regia	Royal Poinciana	4" Caliper, 14-16' Tall; Single Trunk, Field Grown, Florida Grade No. 1 Min.	68
CLE QUA	47	Clerodendrum quadriloculare	Starburst Tree	2" Caliper, 45 Gal. or larger based on availability, Standard or Multi-trunk based on size availability, Florida Grade No. 1 Min.	94
LAG IND M	25	Lagerstroemia indica 'Muskogee'	Muskogee Crepe Myrtle	3" Caliper. Tree species to match existing that are adjacent, Contractor to confirm size and character in field, Multi-trunk, Florida Grade No. 1 Min.	75
LIV DEC	3	Livistona decipiens	Ribbon Palm	Clump, Tree specs to match existing around roundabout (Approx. 8' CT), Contractor to confirm size and character in field, Matched, Field Grown, Florida Grade No. 1 Min.	3
ROY REG	5	Roystonea regia	Royal Palm	18' Tall CT, Matched, Florida Grade No. 1 Min.	5
SAB PAL	11	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
				PROJECT TOTAL TREE CALIPER INCHES PROVIDED:	427
				TOTAL TREE CALIPER INCHES REQUIRED:	94

TREE MATERIALS SCHEDULE

UNIT	MATERIAL	SPECIFICATIONS/NOTES
CY - TBD	MULCH	All planting areas (Except areas designated as Shell Mulch. Refer to Shrub & Groundcover Planing Plan L-600.) to receive a 6" layer of Pine Straw mulch to achieve a 3" layer of mulch after settlement/consolidation. Refer to tree planting details. Also, trees in rows/clusters located in sod areas to be in a single mulch bed. Outside edge of mulch bed to be equal to root ball edge. Refer to Planting Details. If there there is less than 12" to any sidewalk or hardscape edge, mulch to the edge of hardscape.
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 mychorrhizae, 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.

LEGEND

Existing Tree: *Sabal palmetto,* Sabal Palm - Tree to be preserved and protected.

Lagerstroemia indica 'Muskogee', Crape Myrtle - Tree to be preserved and protected.

Areas of proposed pervious pavers. Refer to Construction Plan and Details.

Areas of proposed concrete. Refer to Construction Plan and Details.

ROW = Right of Way. Limit of work is within the ROW.

OHW = Overhead Power Line (Approximate Location).

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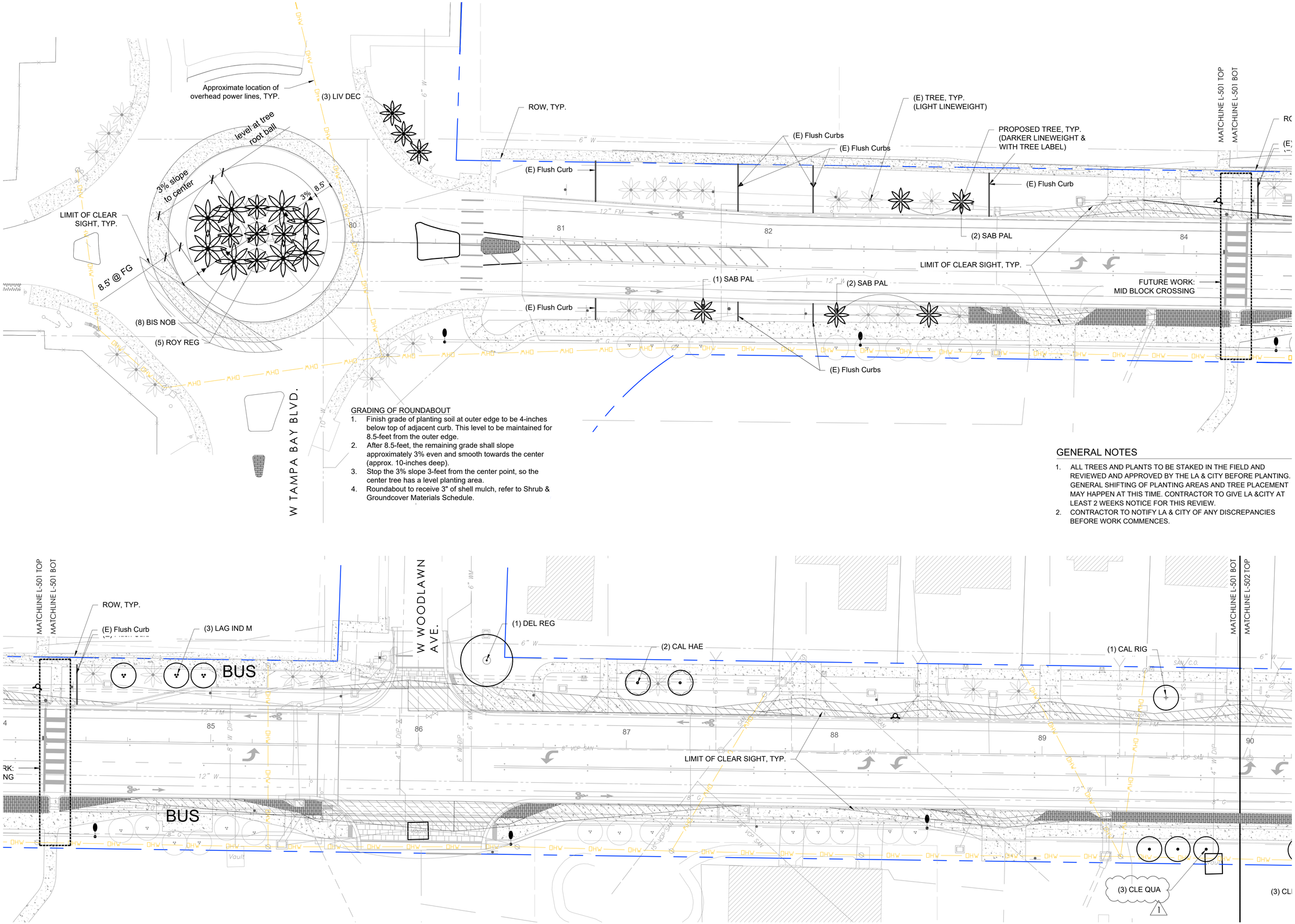
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N Lois Ave. Planting Notes & Tree Schedule

L-500.L

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GRADING OF ROUNDABOUT

1. Finish grade of planting soil at outer edge to be 4-inches below top of adjacent curb. This level to be maintained for 8.5-feet from the outer edge.
2. After 8.5-feet, the remaining grade shall slope approximately 3% even and smooth towards the center (approx. 10-inches deep).
3. Stop the 3% slope 3-feet from the center point, so the center tree has a level planting area.
4. Roundabout to receive 3" of shell mulch, refer to Shrub & Groundcover Materials Schedule.

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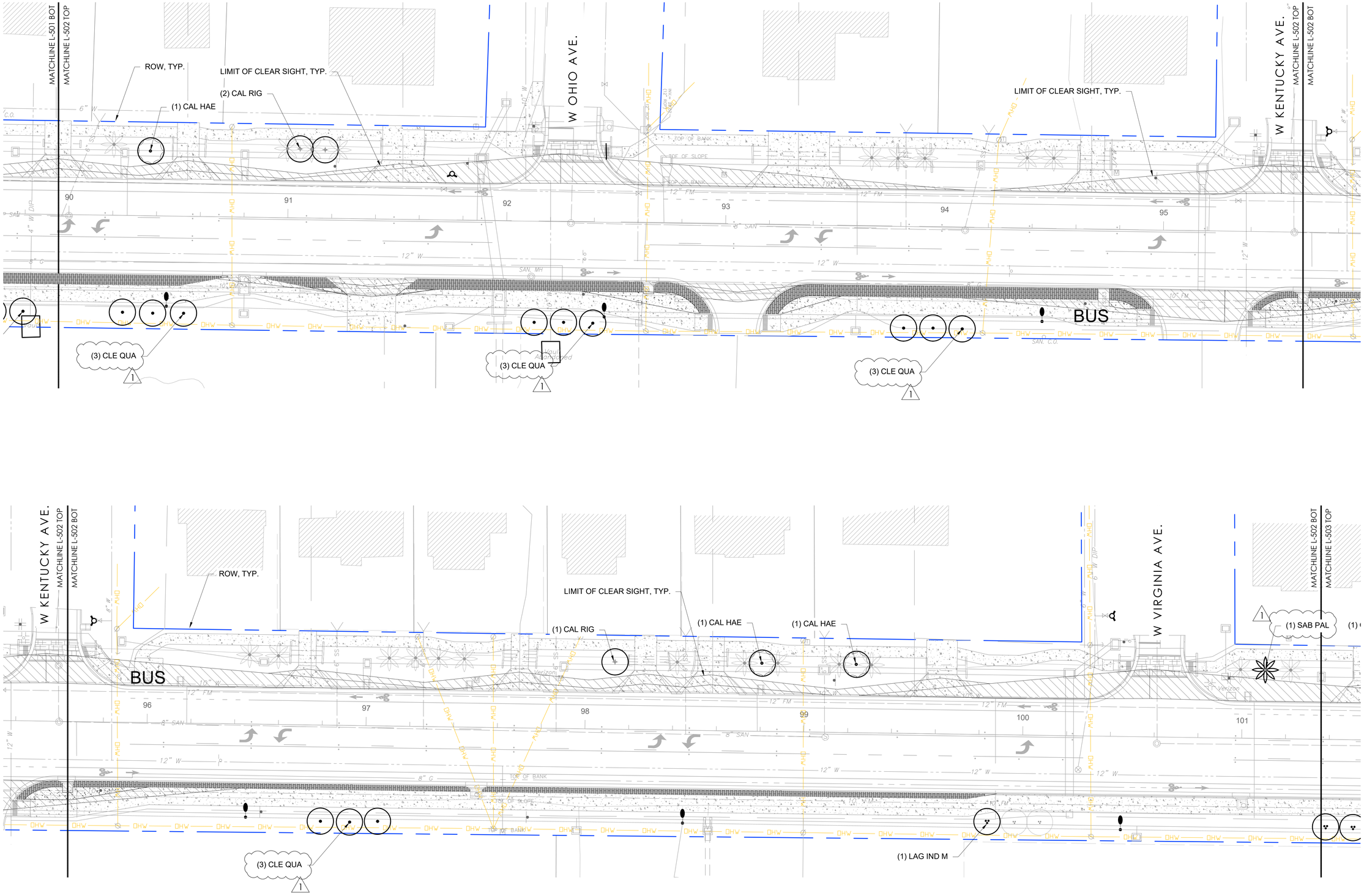
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N Lois Ave. Planting Plan TREES

L-501.L

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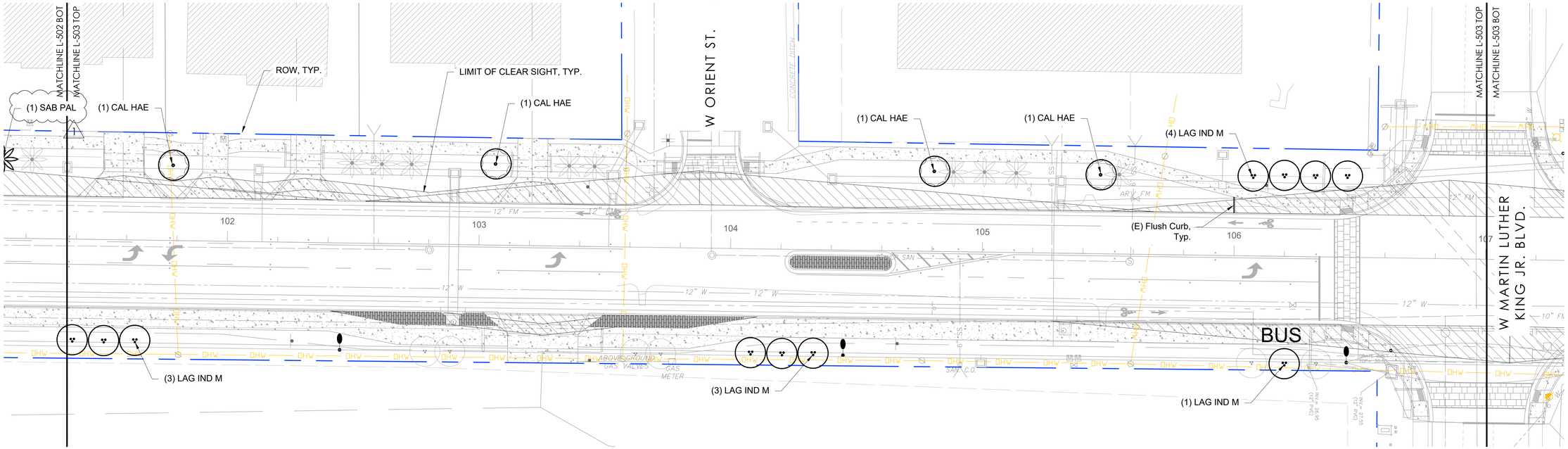
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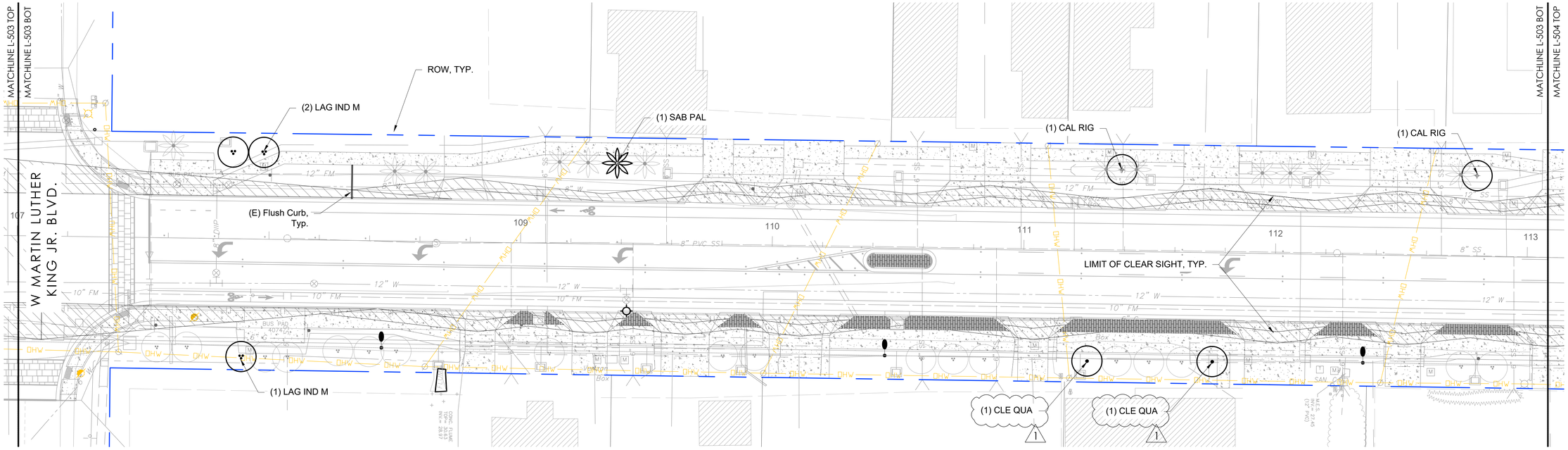
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Planting Plan
TREES

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OONA JOHNSEN LA 6667387
EXP. 11-30-2025

CONSULTANTS:

TAMPACRA
DREW PARK

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1 Permit Revsions	07.01.2025

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New #: ROW-24-0001241
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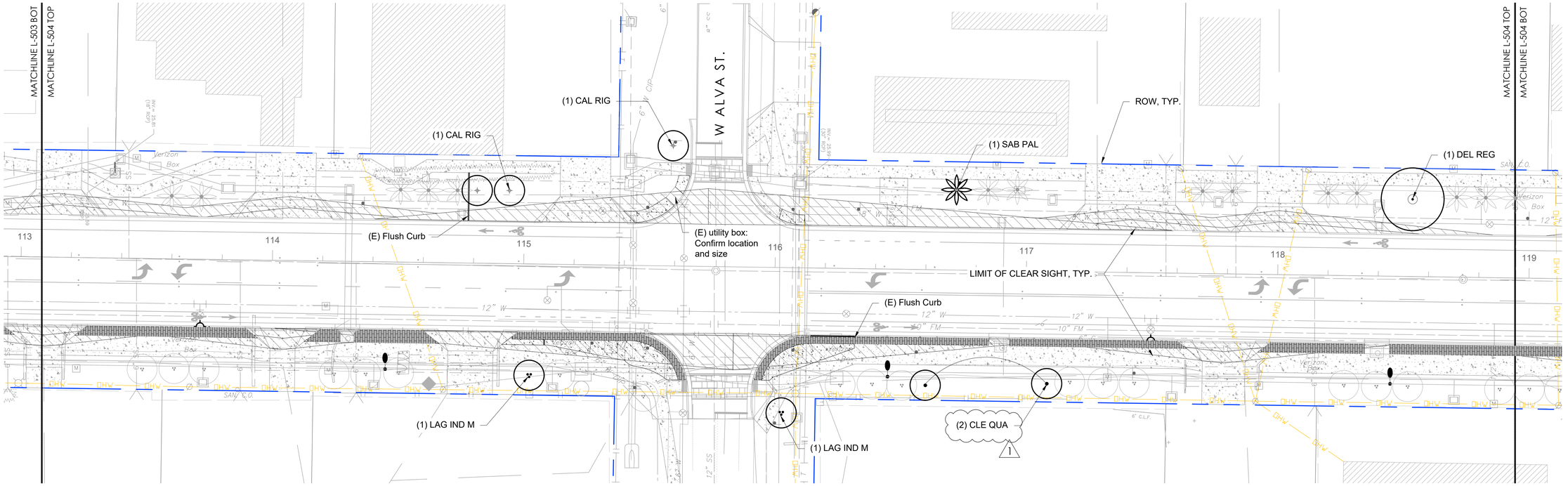
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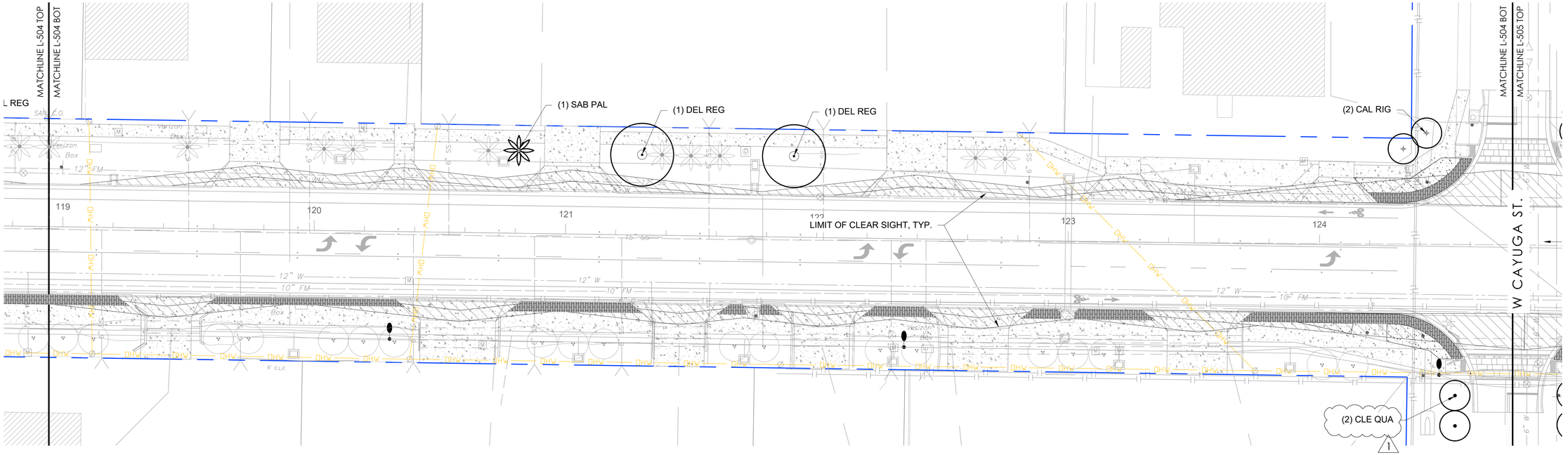
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Planting Plan
TREES

L-503.L

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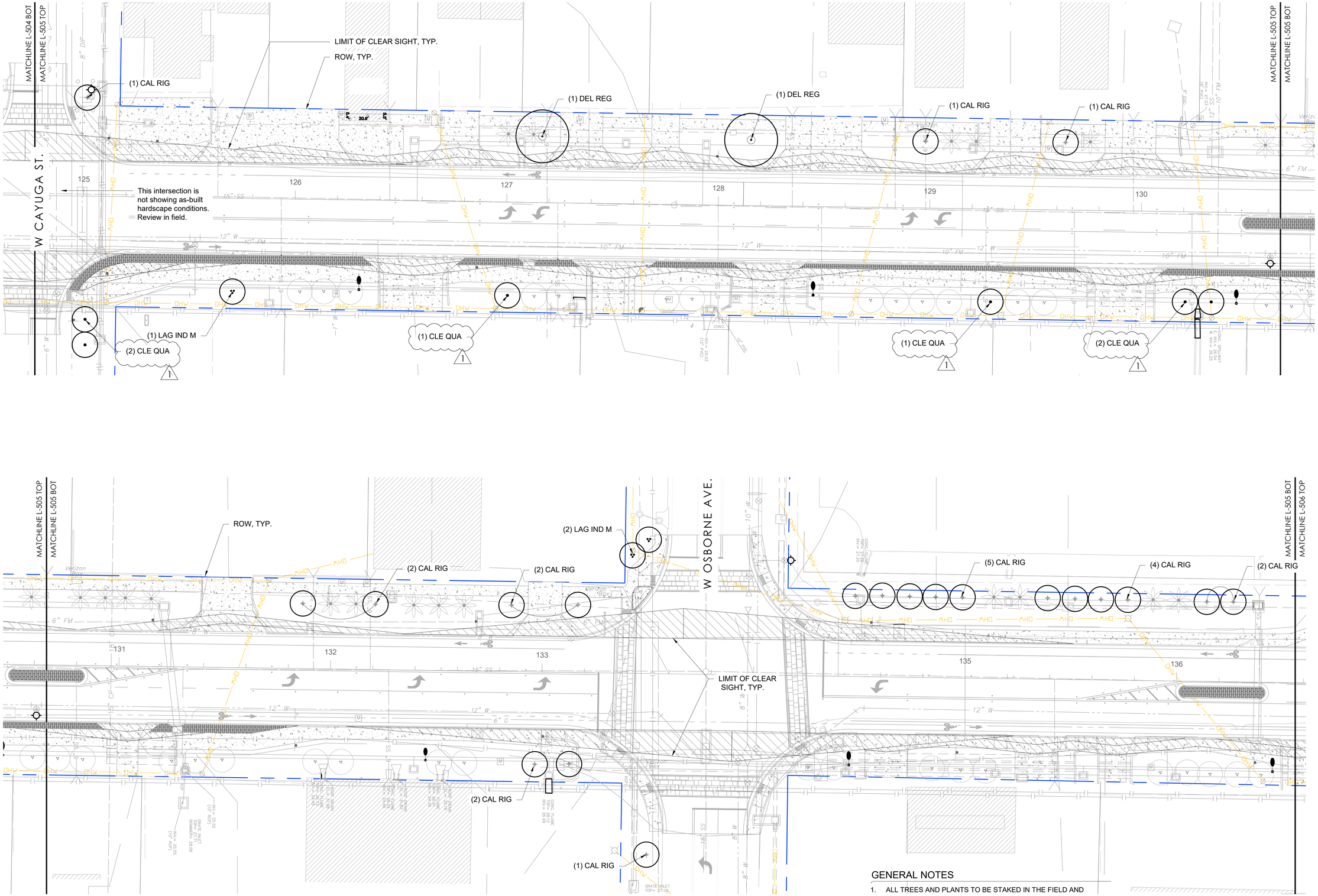
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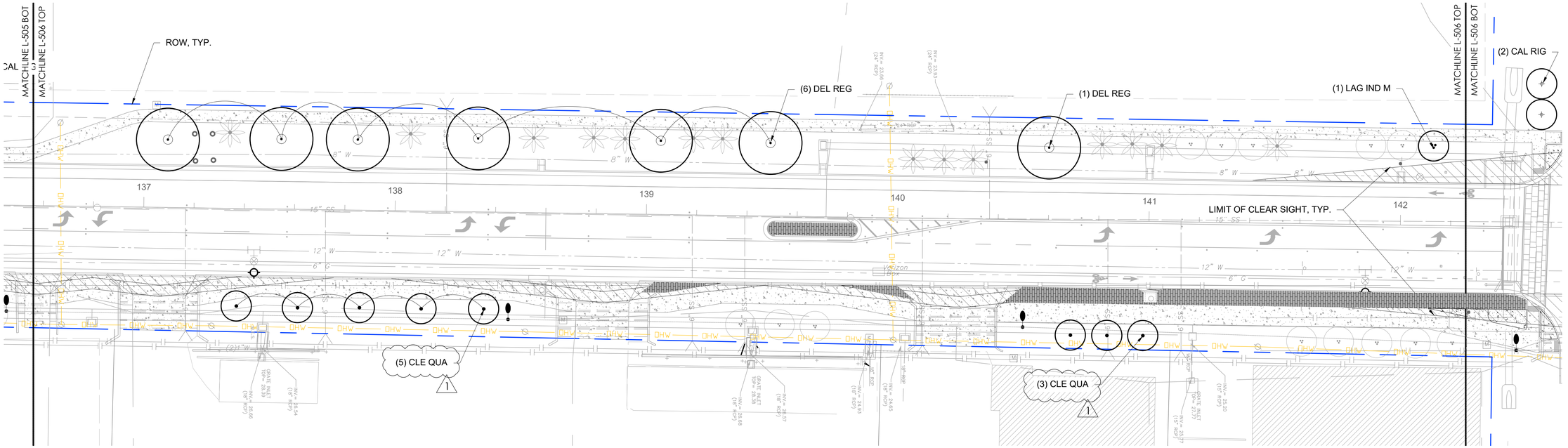
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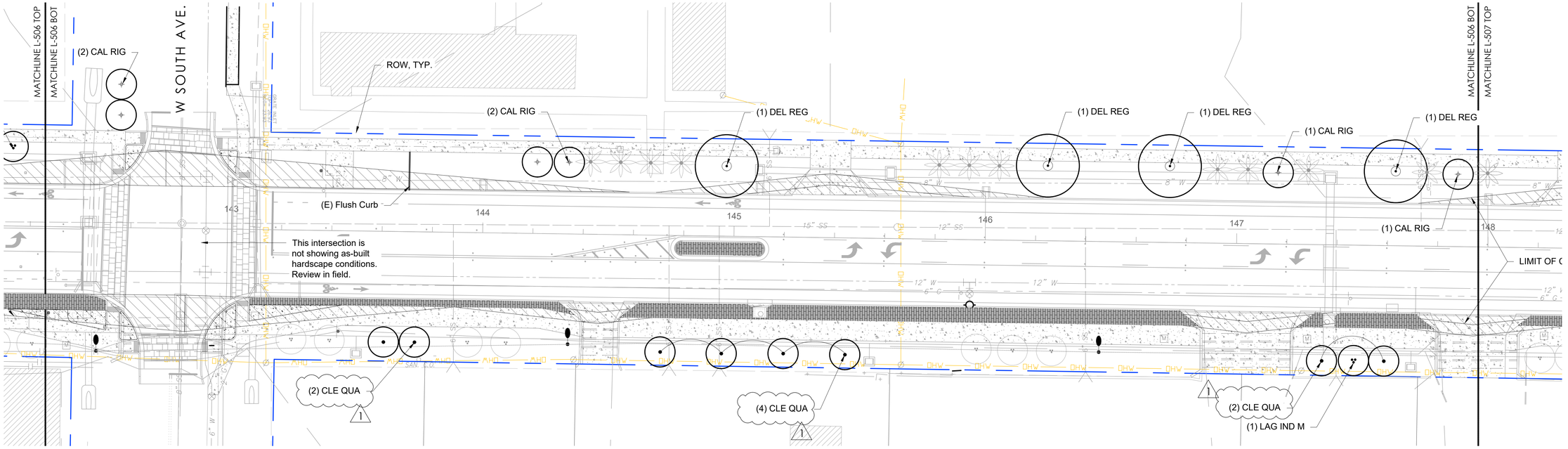
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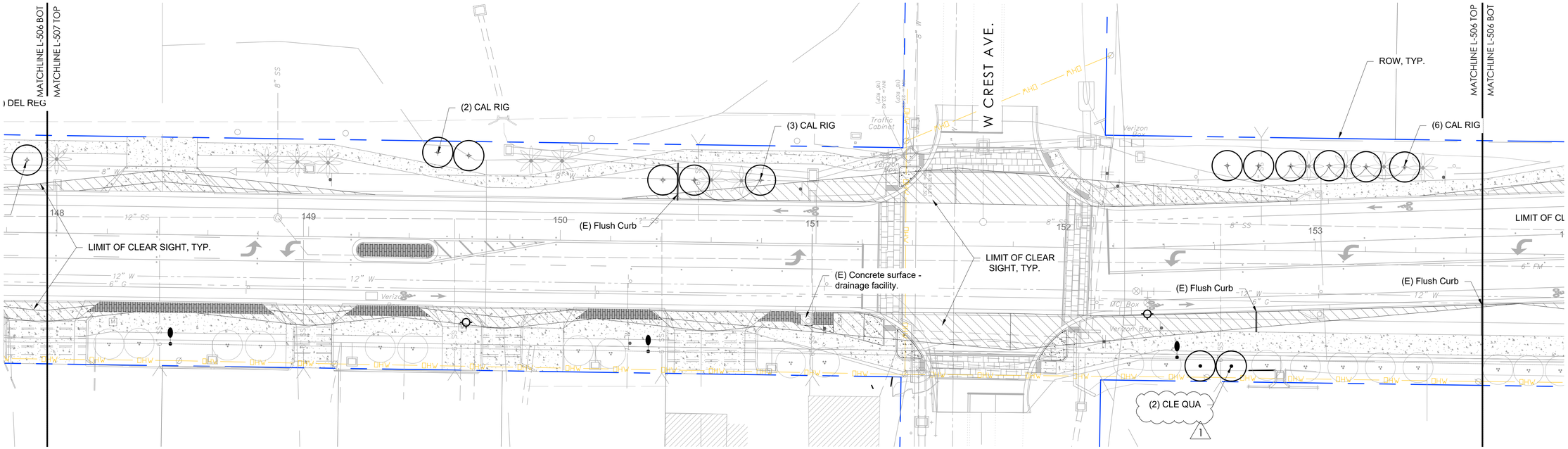
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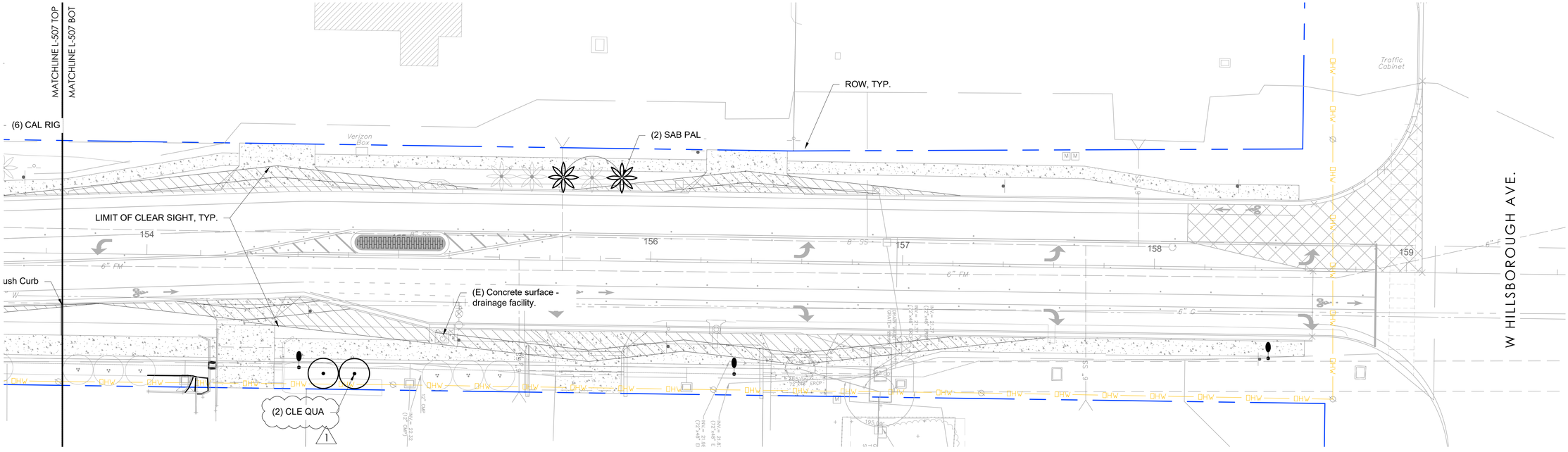
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LEGEND

Existing Tree: *Sabal palmetto,* Sabal Palm - Tree to be preserved and protected.

Lagerstroemia indica 'Muskogee', Crape Myrtle - Tree to be preserved and protected.

Areas of proposed pervious pavers. Refer to Construction Plan and Details.

Areas of proposed concrete. Refer to Construction Plan and Details.

ROW = Right of Way. Limit of work is within the ROW.

*All other trees in darker line weight are proposed trees per L-500.L Series.

SHRUB & GROUNDCOVERS SCHEDULE

SYMB	QTY	BOTANICAL NAME	COMMON NAME	SIZE & SPECIFICATIONS
AGA VAR	12	Agave americana variegata	Variegated Century Plant	10 Gal., To match size, species of existing adjacent Agave. Spacing as shown.
AGA GLO	149	Agave 'Blue Glow'	Blue Glow Agave	1 Gal., 24" O.C.
BUL FRU	191	Bulbine frutescens 'Hallmark'	Hallmark Bulbine	1 Gal., 24" O.C.
CAR MAC	624	Carissa macrocarpa 'Emerald Blanket'	Dwarf Carissa	1 Gal., 24" O.C., Plant at least 24" from edge of pavement or curb.
FIC MIC	624	Ficus microcarpa 'Green Island'	Green Island Ficus	1 Gal., 30" O.C.
IXO RED	325	Ixora 'Maui Red'	Maui Red Ixora	7 Gal., 30" O.C.
LEU FRU	33	Leucophyllulm frutescens	Texas Sage	3 Gal., 36" O.C.
LIR MUS	1506	Liriope muscari 'Big Blue'	Big Blue Liriope	1 Gal., 12" O.C.
LIR MUS	100	Liriope muscari 'Big Blue'	Big Blue Liriope	Used for infill planting. LA/City to layout plants.
LOR CHI	11	Loropetalum chinense	Chinese Fringe Bush	7 Gal., 60" O.C.
MUH CAP	577	Muhlenbergia capillaris	PInk Muhly	3 Gal., 30" O.C.
PEN ALB	164	Pennisetum setaceum 'Alba'	White Fountain Grass	3 Gal., 24" O.C.
SAL LEU	336	Salvia leucantha	Mexican Sage	3 Gal., 36" O.C.
SER REP	32	Serenoa repens 'Cinerea'	Silver Saw Palmetto	7 Gal., 66" O.C.
TRI DAC	423	Tripsacum dactyloides	Fakahatchee Grass	3 Gal., 48" O.C.
ZAM FLO	266	Zamia floridana	Coontie	3 Gal., 48" O.C.

SHRUB & GROUNDCOVERS 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 (Except areas designated as Shell Mulch. Refer to Shrub & Groundcover Planing Plan L-600.) to receive a 6" layer of Pine Straw mulch to achieve a 3" layer of mulch after settlement/consolidation. Refer to tree planting details.
78.1 CY	SHELL MULCH	Where designated on the plan, provide 2" of Coastal Shell Mulch 3/4"; Size range 1/2" - 1". 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 tree planting details.
TBD	FERTILIZER - SOD	16% Nitrogen, 4% Phosphoric Acid, and 8% Potash by weight or similar composition.
Approx. 15,000 SF (not including repair allowance)	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 depht 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.

GENERAL NOTES

1. REFER TO L-400.L & L-500.L FOR PLANTING NOTES AND GENERAL NOTES.
2. REFER TO L-300.L SERIES FOR IRRIGATION.
3. REFER TO L-700.L FOR PLANTING DETAILS.
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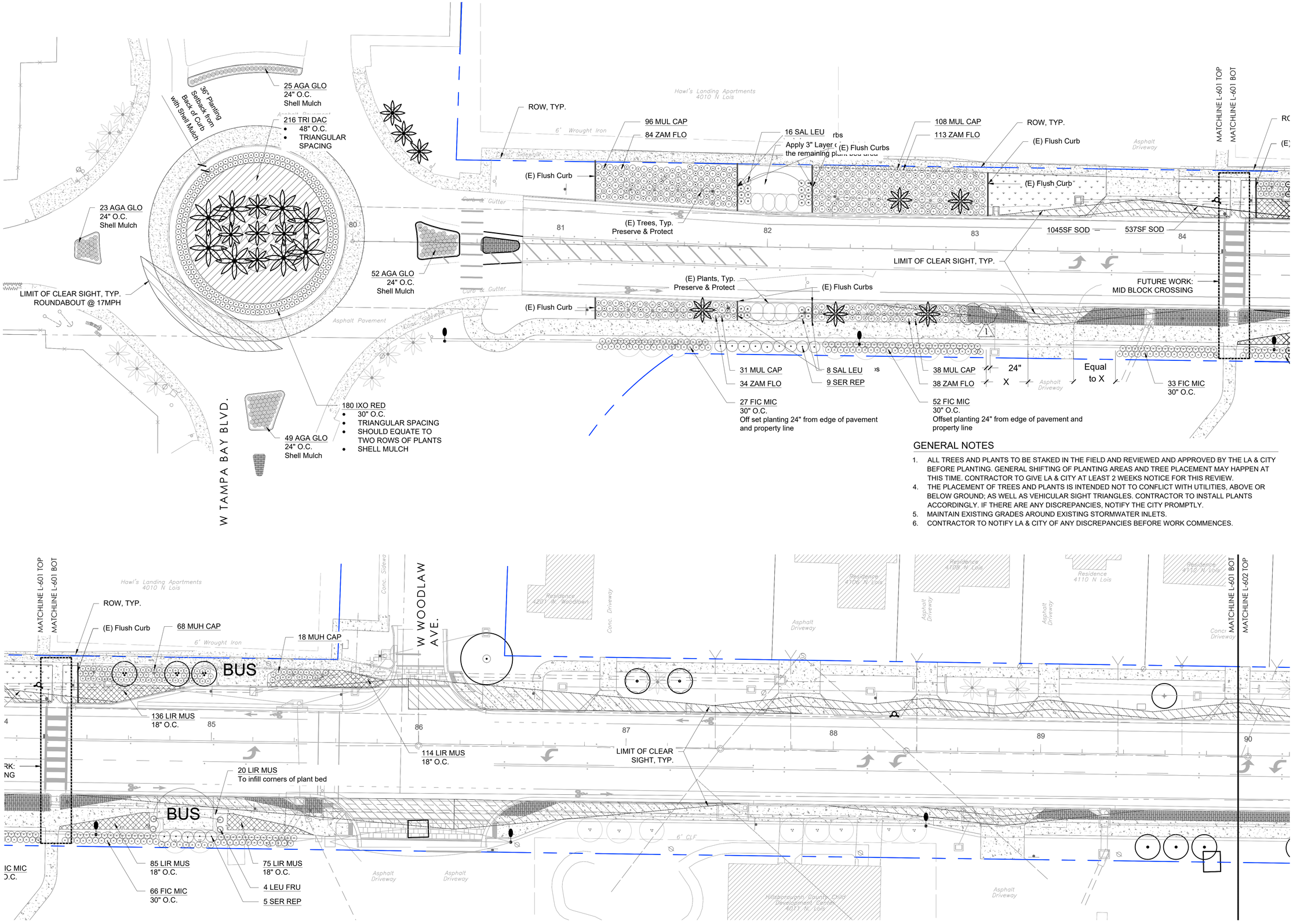
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L-600.L

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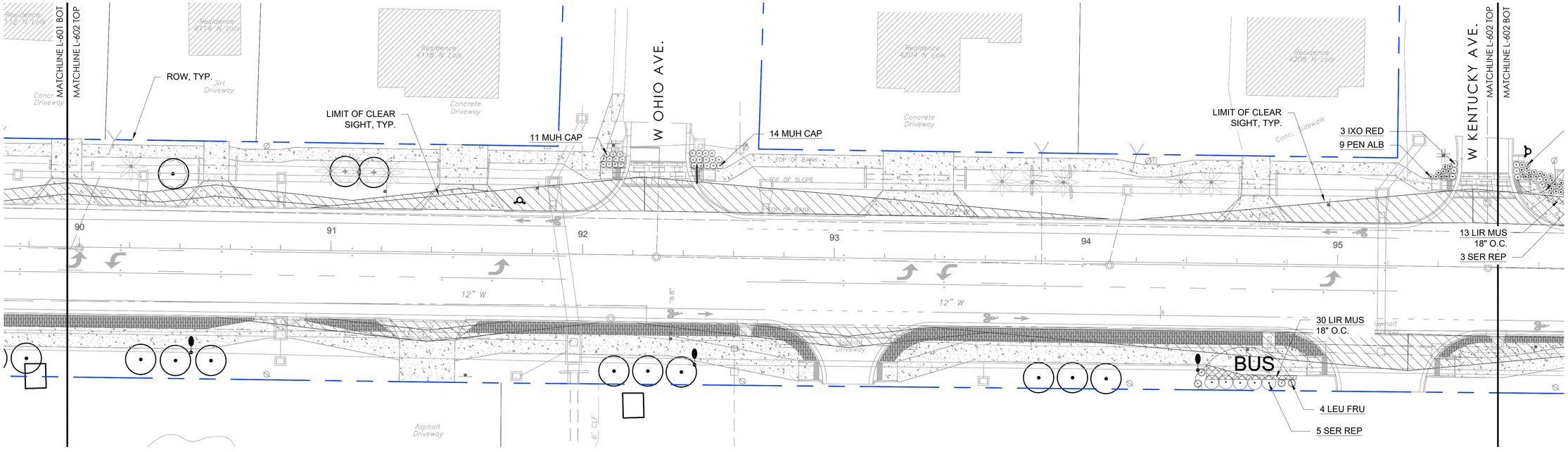
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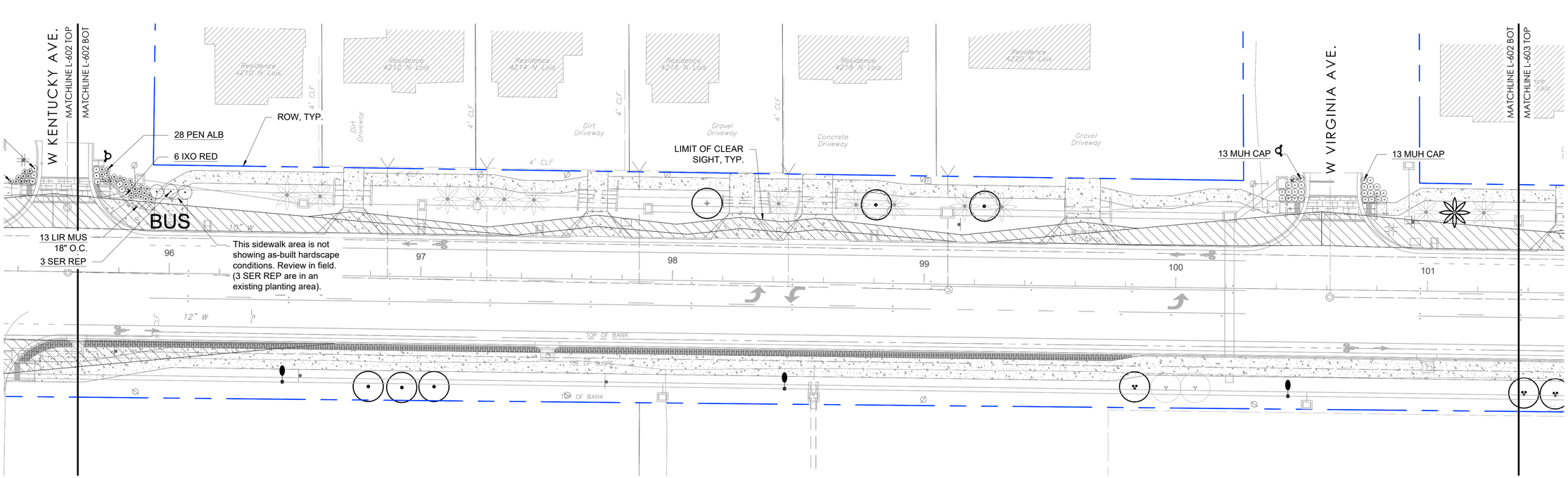
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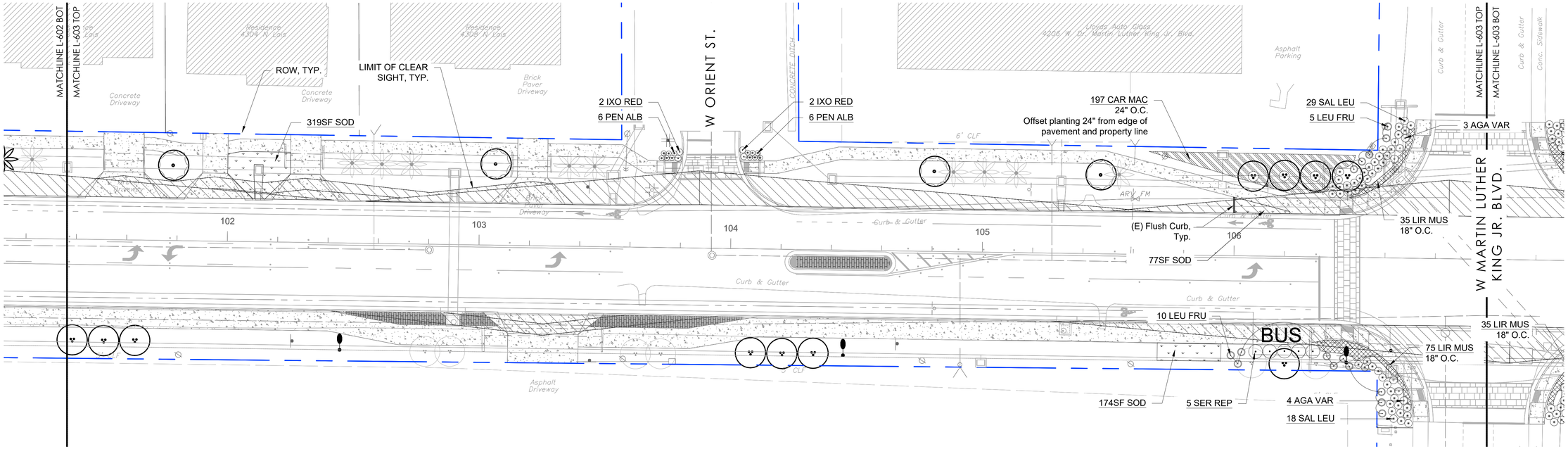
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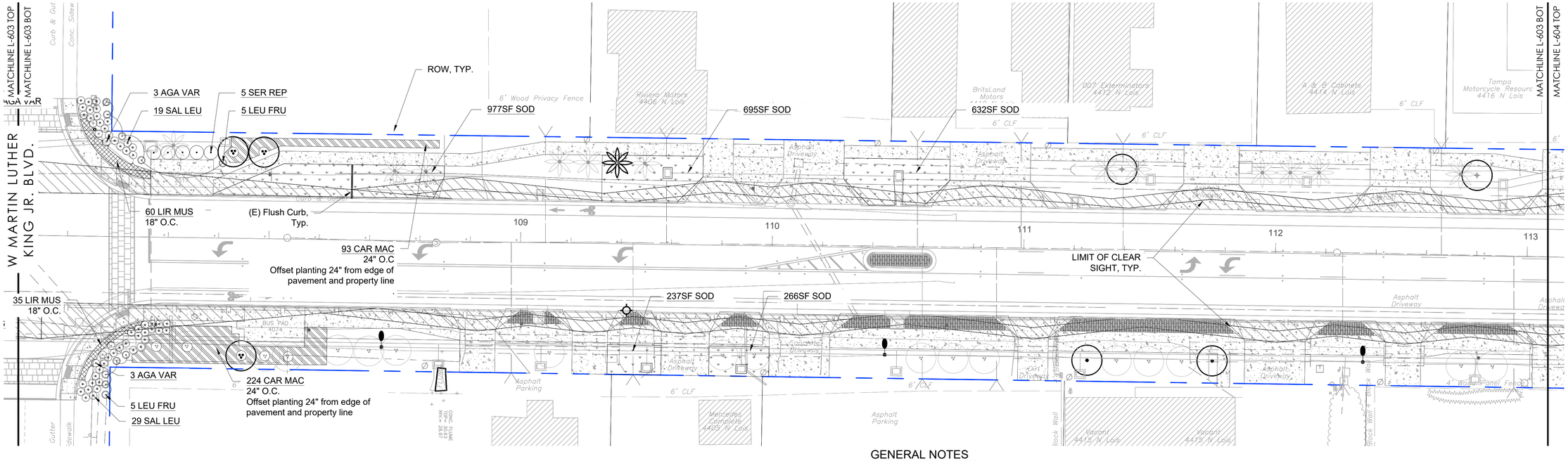
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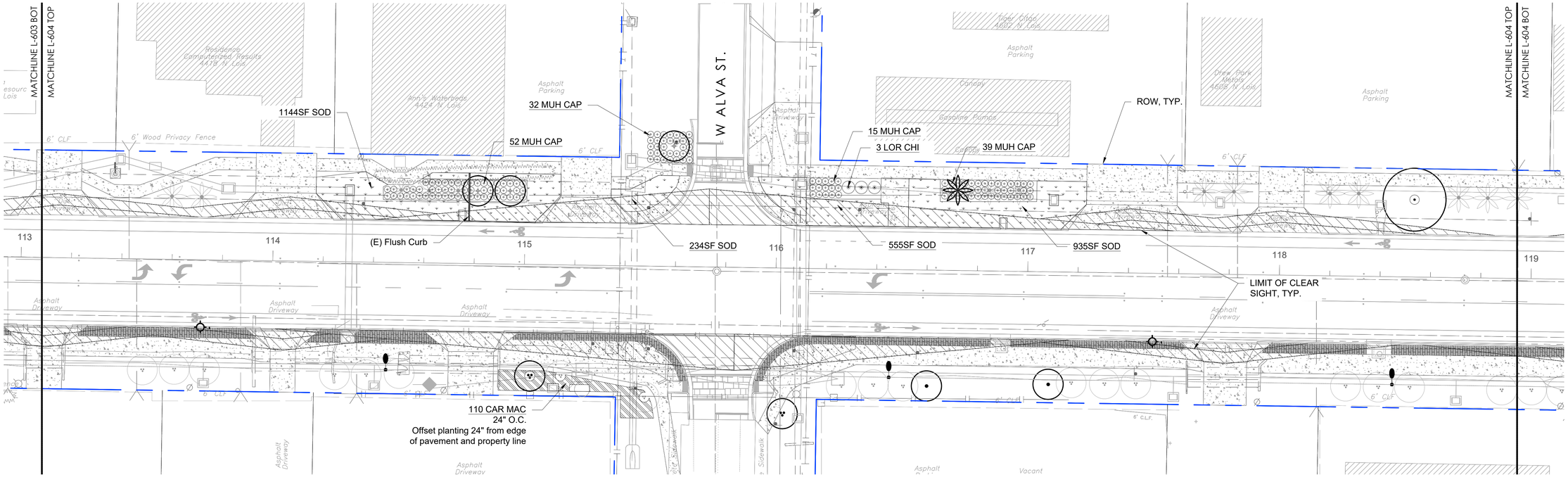
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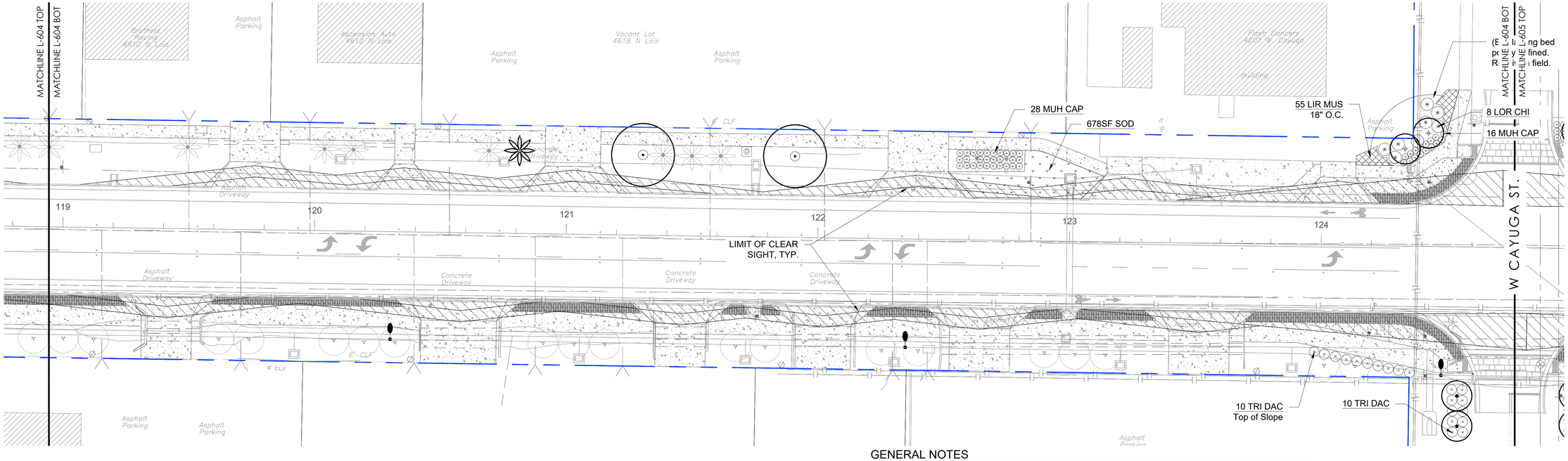
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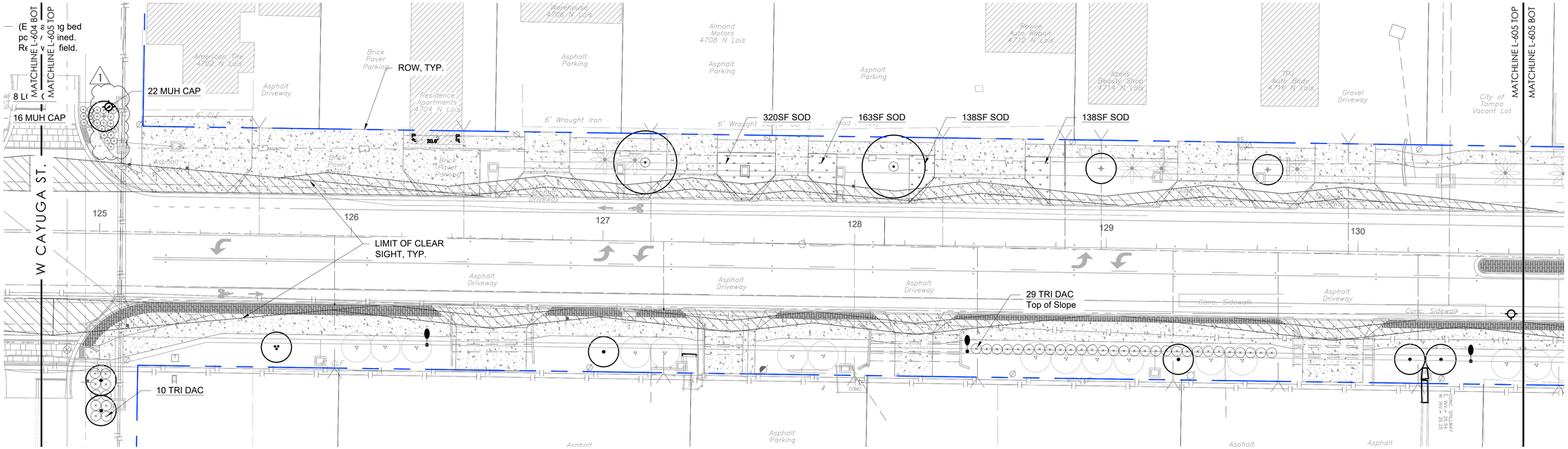
PROJECT NAME:
Drew Park Lois Ave Landscape & Streetscape Audit and Recommendations
Old #: 22-D-20701
New #: ROW-24-0001241
OWNER:
City of Tampa . Drew Park CRA

ISSUANCE:
PERMIT SUBMITTAL

DATE:	MAY 20, 2025
DRAWN BY:	OJ
CHECKED BY:	TM
PROJECT #:	14.22

SHEET NAME & NUMBER:
N Lois Ave. Shrub & Groundcover
L-604.L

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



GENERAL NOTES

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5. MAINTAIN EXISTING GRADES AROUND EXISTING STORMWATER INLETS.
6. CONTRACTOR TO NOTIFY LA & CITY OF ANY DISCREPANCIES BEFORE WORK COMMENCES.

20' 0 20' 40'
1" = 20'
N

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Tampa, FL 33629
831 915 6838 oona@OJLA.co
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STAMP:

REGISTERED LANDSCAPE ARCHITECT OONA JOHNSEN LA 6667387 STATE OF FLORIDA

OONA JOHNSEN LA 6667387
EXP. 11-30-2025

CONSULTANTS:

TAMPACRA
DREW PARK

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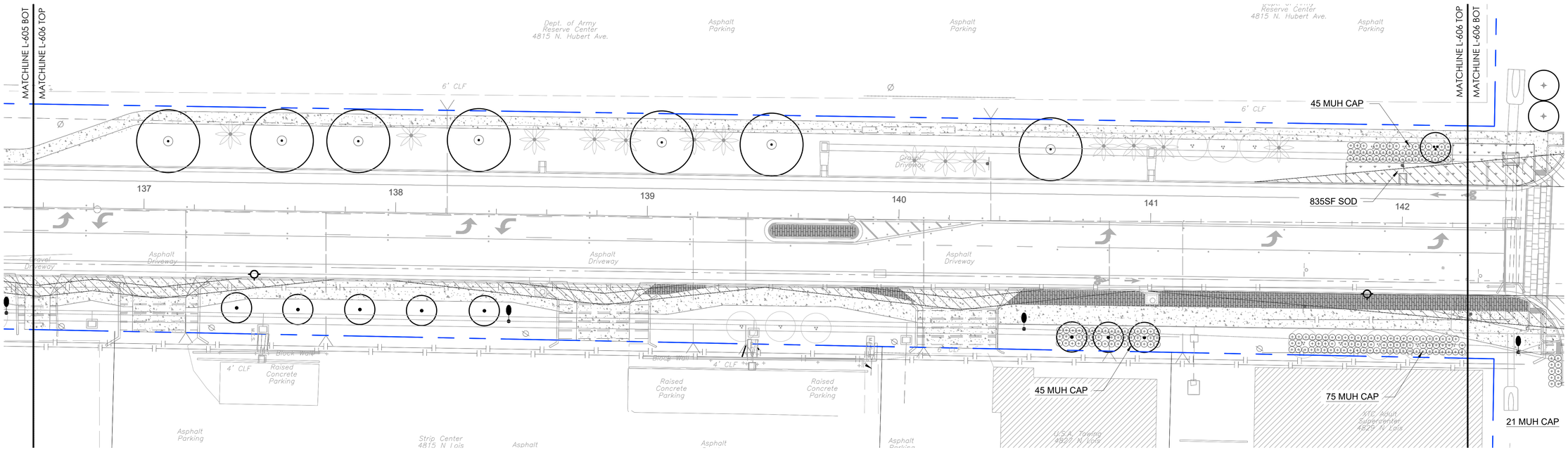
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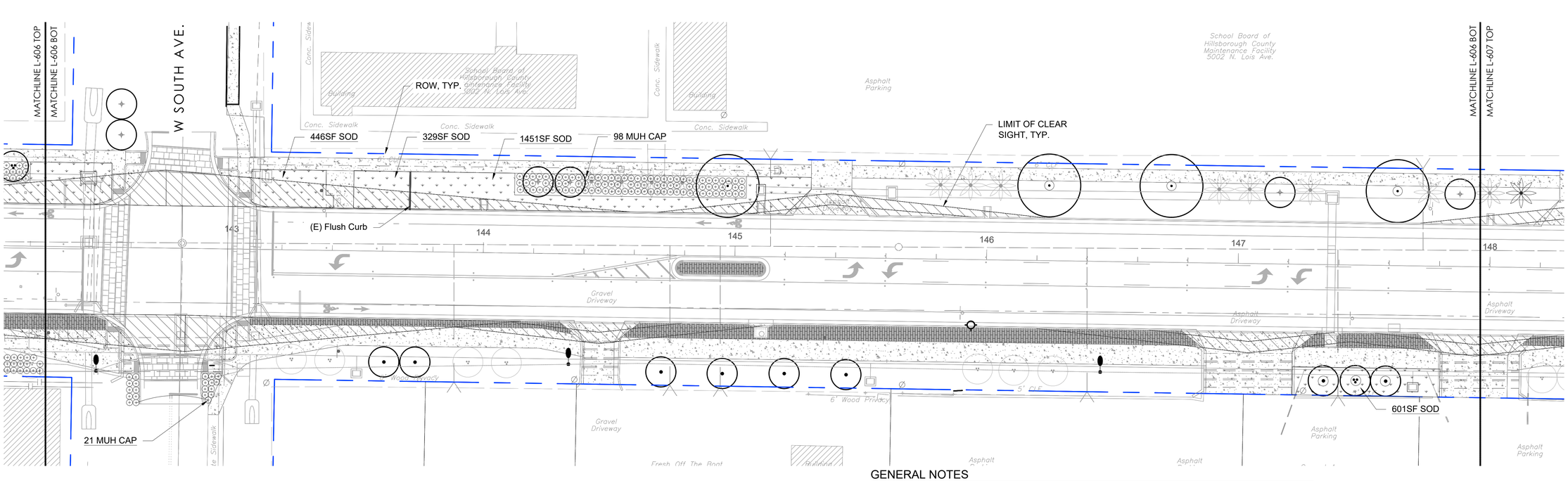
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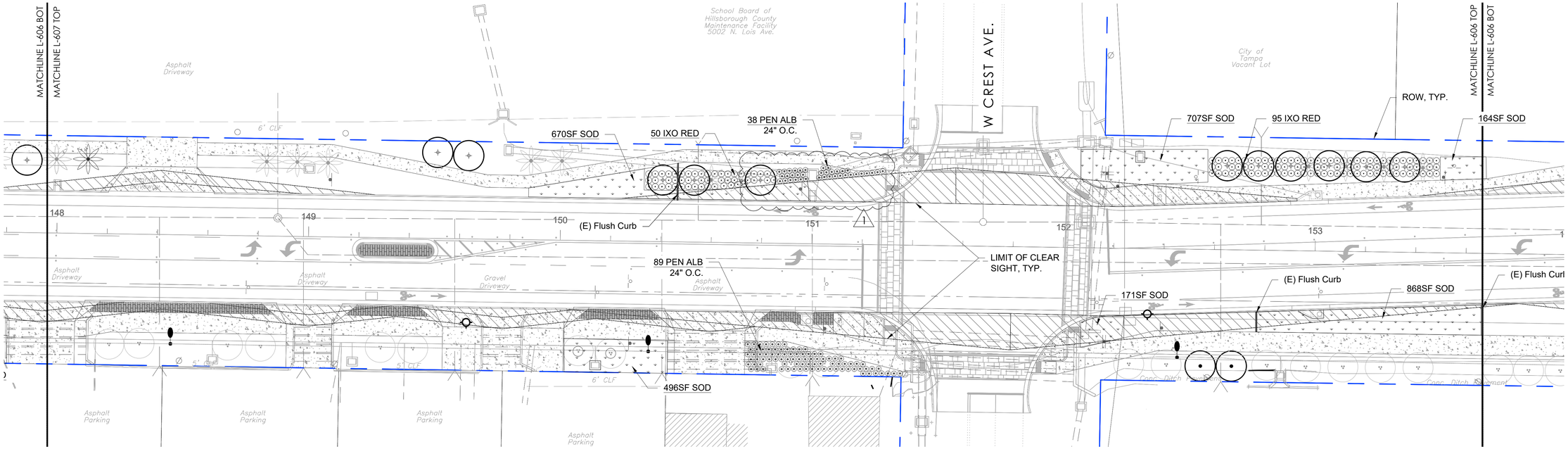
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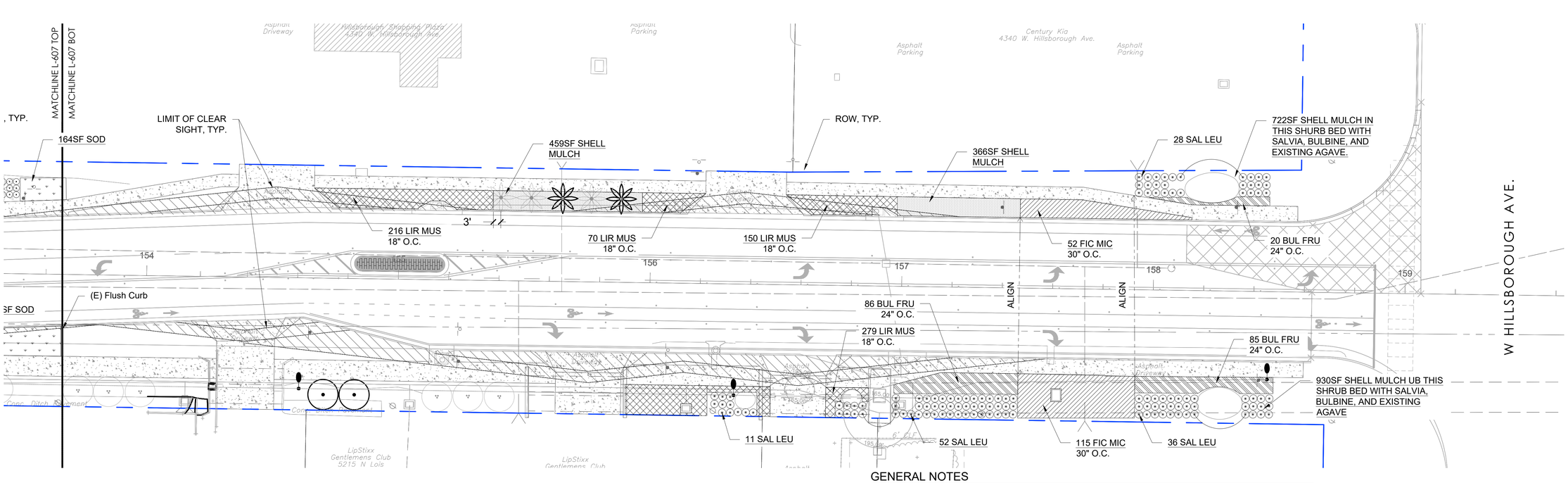
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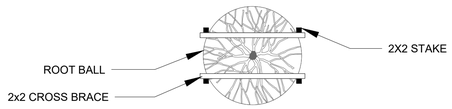
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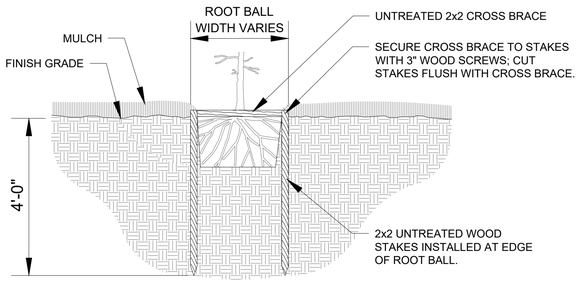
If drawing is not 24"x36", it is reduced.



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.



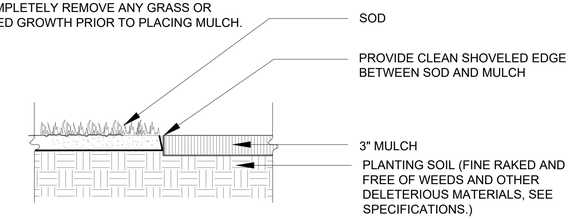
PLAN VIEW



SECTION VIEW

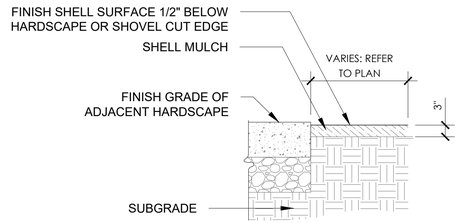
8 TREE STAKING - ROOT BALL STAPLE
NTS

NOTES:
1. TREES IN ROWS/CLUSTERS TO BE IN A SINGLE MULCH BED.
2. OUTSIDE EDGE OF MULCH SHOULD BE EQUAL TO ROOT BALL EDGE.
3. ALL MULCH SHALL BE PEST AND INSECT FREE.
4. COMPLETELY REMOVE ANY GRASS OR WEED GROWTH PRIOR TO PLACING MULCH.



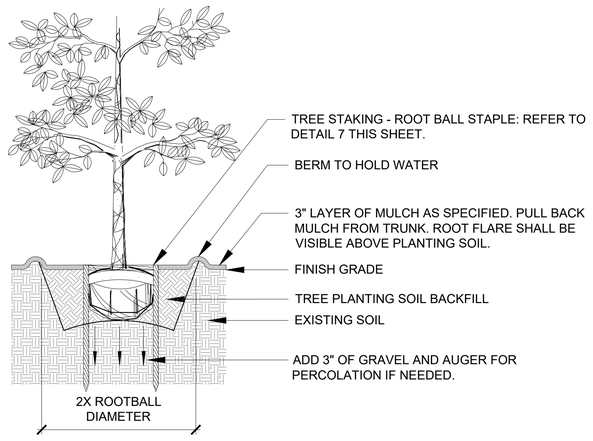
6 MULCH APPLICATION AT TREE CLUSTERS
NTS

NOTES:
1. SEE SHRUB & GROUNDCOVERS MATERIAL SCHEDULE.
2. REFER TO PLANTING NOTES AND PLANT LEGEND.
3. APPLY SHELL MULCH 6" AWAY FROM ALL TREE TRUNKS.



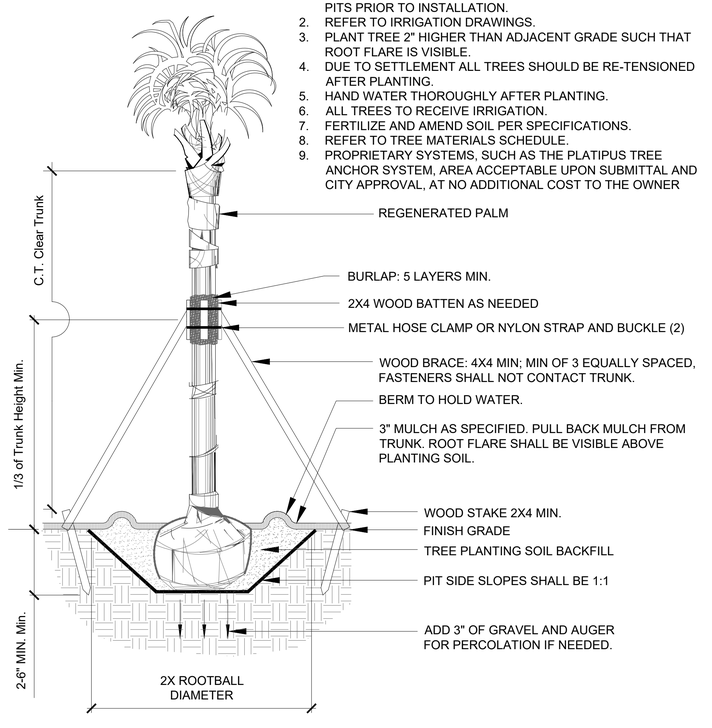
5 SHELL MULCH
NTS

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. ALL TREES TO RECEIVE IRRIGATION.
7. AMEND SOIL PER SPECIFICATIONS.
8. REFER TO TREE MATERIALS SCHEDULE.

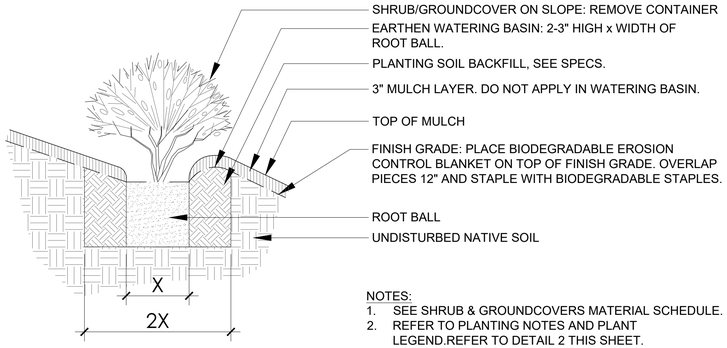


4 TREE PLANTING
NTS

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. DUE TO SETTLEMENT ALL TREES SHOULD BE RE-TENSIONED AFTER PLANTING.
5. HAND WATER THOROUGHLY AFTER PLANTING.
6. ALL TREES TO RECEIVE IRRIGATION.
7. FERTILIZE AND AMEND SOIL PER SPECIFICATIONS.
8. REFER TO TREE MATERIALS SCHEDULE.
9. PROPRIETARY SYSTEMS, SUCH AS THE PLATIPUS TREE ANCHOR SYSTEM, AREA ACCEPTABLE UPON SUBMITTAL AND CITY APPROVAL, AT NO ADDITIONAL COST TO THE OWNER



7 PALM PLANTING & STAKING
NTS

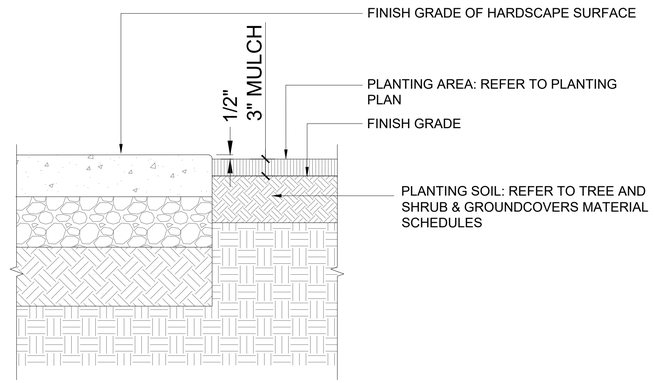


NOTES:
1. SEE SHRUB & GROUNDCOVERS MATERIAL SCHEDULE.
2. REFER TO PLANTING NOTES AND PLANT LEGEND.REFER TO DETAIL 2 THIS SHEET.
3. STEEP SLOPES = > 4:1 (25%)

3 SHRUB/GROUNDCOVER PLANTING - ON SLOPE
NTS

NOTES:
1. SEE SHRUB & GROUNDCOVERS MATERIAL SCHEDULE
2. REFER TO PLANTING NOTES AND PLANT LEGEND.
3. CONTRACTOR TO ASSURE DRAINAGE/PERCOLATION OF PLANTING PIT PRIOR TO INSTALLATION.
4. HAND WATER THOROUGHLY AFTER PLANTING.
5. ALL PLANTING AREAS TO RECEIVE IRRIGATION.

2 SHRUB/GROUNDCOVER PLANTING - FLAT AREA
NTS



1 FINISHED GRADE AT HARDSCAPE
NTS

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N Lois Ave. Planting Details

L-700.L

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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
Tabebuia impetiginosa	66%
Prunus angustifolia	2%
Taxodium distichum	57%
Lagerstroemia indica 'Muskogee'	>95%
Ilex cassine	92%
Sabal palmetto	*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.

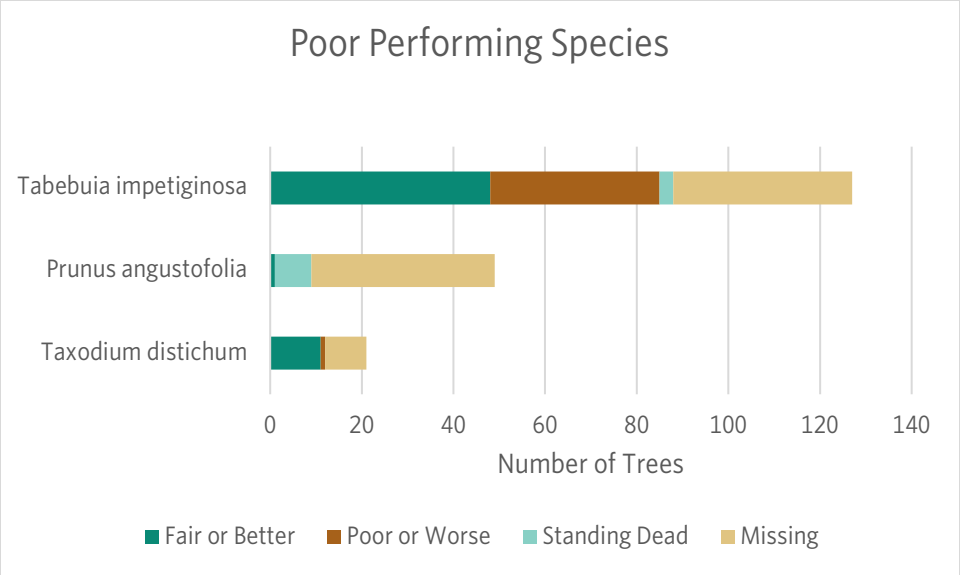
Poor Performance

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 faired 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 Cypresses on N Grady Ave are in "fair" to "good" condition. The reason for the remaining missing could not be determined.



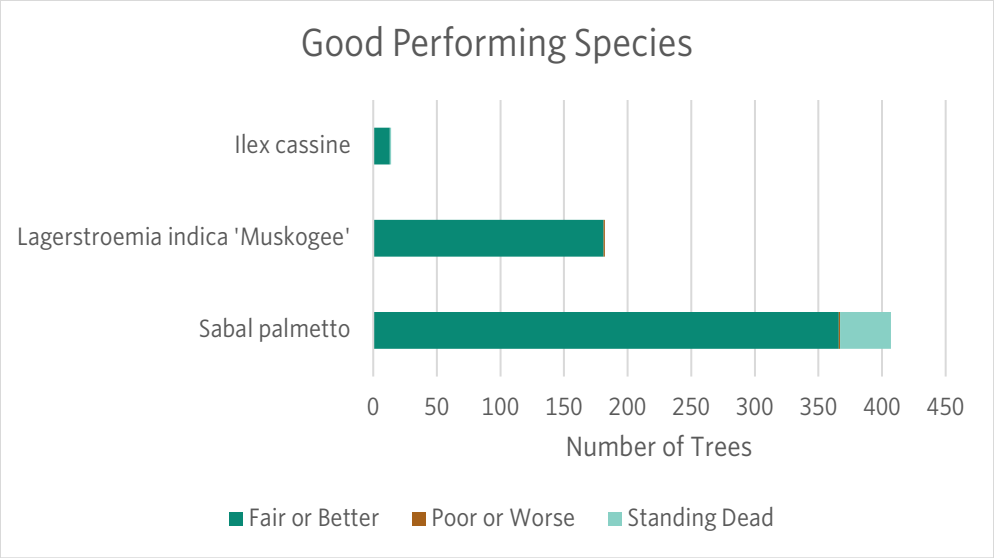
Good Performance

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

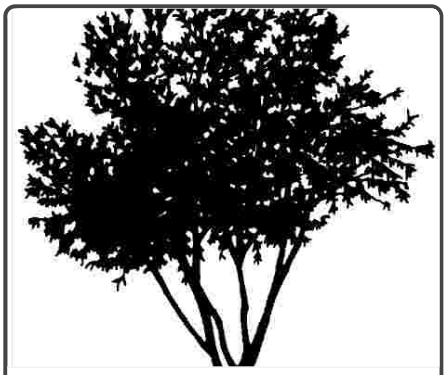
✔

COMMON NAME(S)

Hong Kong orchid tree

URL

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



Callistemon citrinus

CANDIDATE

✔

COMMON NAME(S)

Red bottlebrush, lemon bottle...

URL

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



Cordia boissieri

CANDIDATE

✔

COMMON NAME(S)

Texas Olive, Wild Olive, Anacah...

URL

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



Eriobotrya japonica

CANDIDATE

✔

COMMON NAME(S)

loquat

URL

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



Ilex cassine

CANDIDATE

✔

COMMON NAME(S)

Dahoon holly

URL

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



Lagerstroemia x

CANDIDATE

✔

COMMON NAME(S)

'Muskogee' Crapemyrtle

URL

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



Lagerstroemia x

CANDIDATE

✔

COMMON NAME(S)

'Natchez' Crapemyrtle

URL

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



Ligustrum japonicum

CANDIDATE

✔

COMMON NAME(S)

Japanese privet, wax-leaf privet

URL

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



Parkinsonia aculeata

CANDIDATE

✔

COMMON NAME(S)

Jerusalem-thorn, retama

URL

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



Podocarpus macrophyllus

CANDIDATE

✔

COMMON NAME(S)

Yew podocarpus, yew-pine, Jap...

URL

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

TREE PROTECTION FOR GRAND TREE

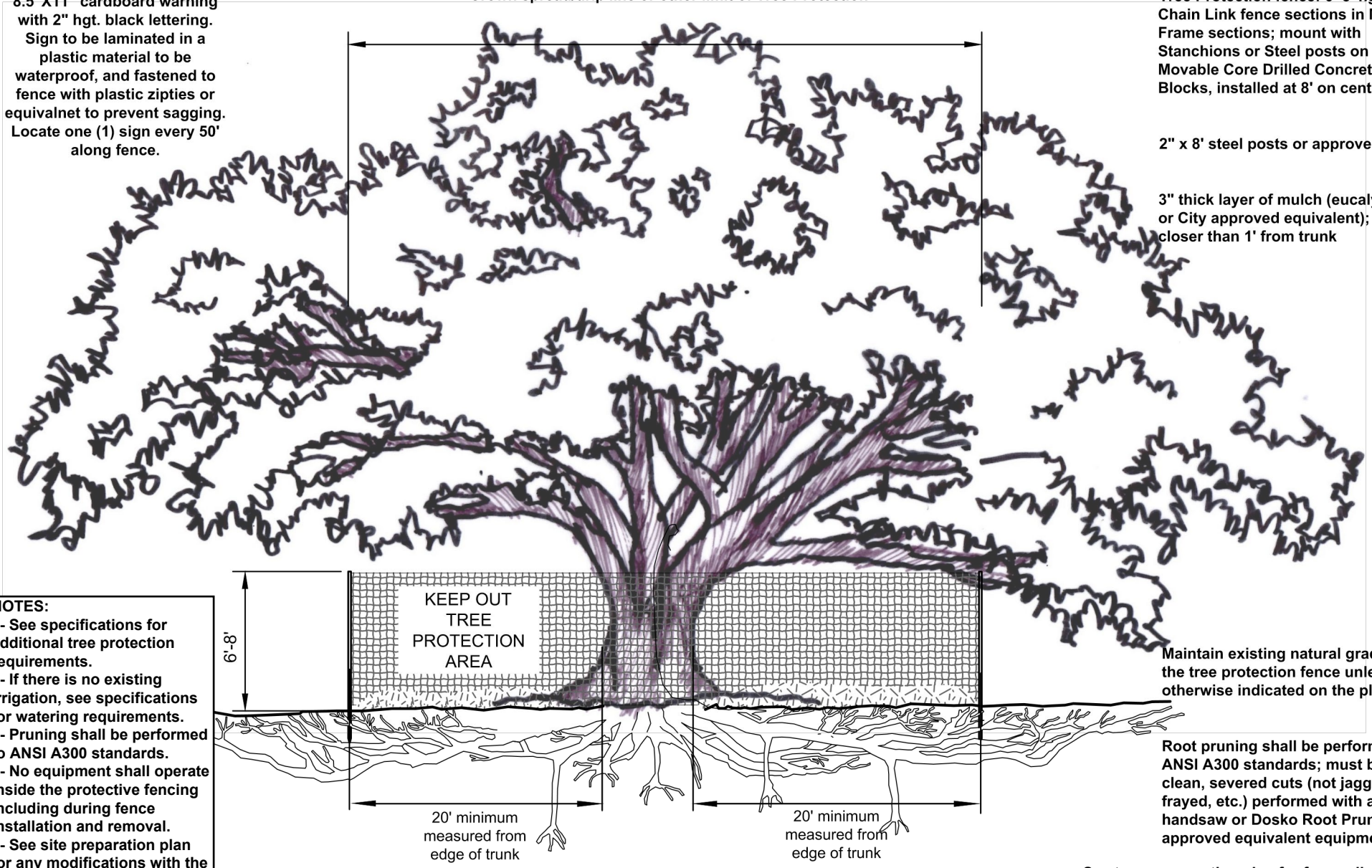
8.5"X11" cardboard warning with 2" hgt. black lettering. Sign to be laminated in a plastic material to be waterproof, and fastened to fence with plastic zipties or equivalnet to prevent sagging. Locate one (1) sign every 50' along fence.

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



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.

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.

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

NOTES:

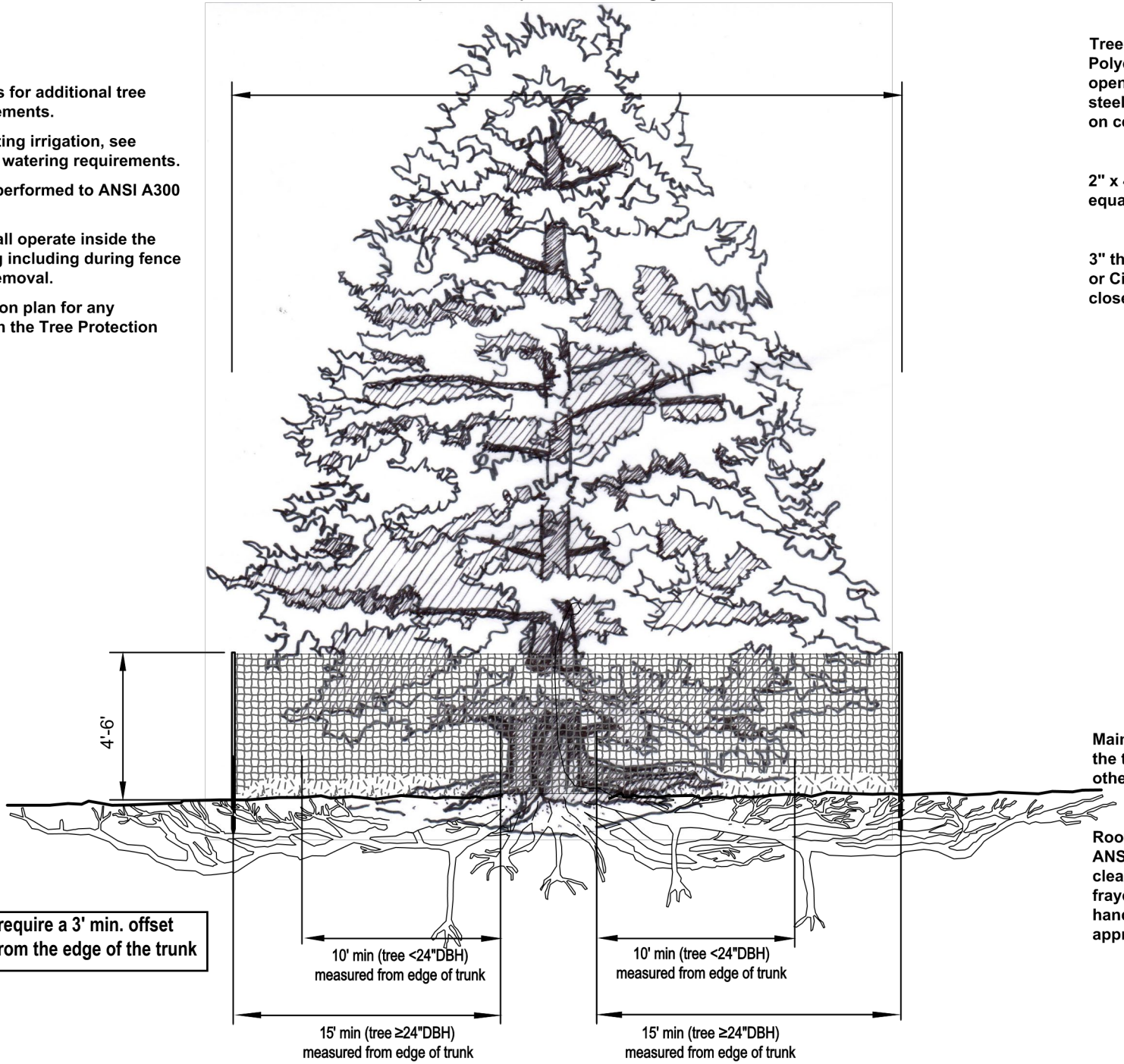
1- See specifications for additional tree protection requirements.

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



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

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

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	*Quercus laurifolia*	Laurel Oak		17	(B-C-)	B-3	B	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
2	QL	*Quercus laurifolia*	Laurel Oak		13	(B-C-)	B-3	B	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
3	QV	*Quercus virginiana*	Southern Live Oak		14	(B-C-)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
8	QV	*Quercus virginiana*	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	*Quercus laurifolia*	Laurel Oak		28	(B-B-B)	B-4	B	70	Offsite	F1	1D	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
108	QL	*Quercus laurifolia*	Laurel Oak		12	(C-C-D)	C-5	C	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
119	QL	*Quercus laurifolia*	Laurel Oak		27	(F-D-F)	F-5	F	70	Offsite	F1	1D	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
158	QL	*Quercus laurifolia*	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	*Quercus virginiana*	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	*Quercus virginiana*	Southern Live Oak		29	(A-C-)	B-3	B	90	Offsite	F1	1D	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
215	QV	*Quercus virginiana*	Southern Live Oak		22	(-D-D)	C-3	C	90	Offsite	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
216	QL	*Quercus laurifolia*	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	*Quercus virginiana*	Southern Live Oak	Grand	50	(-C-)	B-7	B	90	Preserved	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
237	QV	*Quercus virginiana*	Southern Live Oak		28	(-C-B)	B-4	B	90	Offsite	F1	1D	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
238	QL	*Quercus laurifolia*	Laurel Oak		25	(C-C-C)	C-4	C	70	Offsite	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
240	QV	*Quercus virginiana*	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	*Quercus virginiana*	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	*Quercus virginiana*	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	*Quercus virginiana*	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	*Quercus virginiana*	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	*Quercus virginiana*	Southern Live Oak		12	(-B-)	B-4	B	90	Preserved	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
257	QV	*Quercus virginiana*	Southern Live Oak		12	(-B-)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
267	QV	*Quercus virginiana*	Southern Live Oak		6	(-C-)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
268	QL	*Quercus laurifolia*	Laurel Oak		25	(-C-)	B-4	B	70	Preserved	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
269	QV	*Quercus virginiana*	Southern Live Oak		7	(-C-)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
270	QV	*Quercus virginiana*	Southern Live Oak		7	(-B-)	B-3	B	90	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
271	QV	*Quercus virginiana*	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	*Quercus virginiana*	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	*Quercus virginiana*	Southern Live Oak		16	(-B-)	B-3	B	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
283	QV	*Quercus virginiana*	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	*Quercus virginiana*	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	*Quercus laurifolia*	Laurel Oak		30	(C-C-C)	C-4	C	70	Offsite	F1	1D	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
392	QV	*Quercus virginiana*	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	*Quercus virginiana*	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	*Quercus virginiana*	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	*Quercus virginiana*	Southern Live Oak	Grand	32	(-C-)	B-3	B	90	Offsite	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
422	QV	*Quercus virginiana*	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	*Quercus virginiana*	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	*Quercus laurifolia*	Laurel Oak		28	(C-D-D)	D-4	D	70	Offsite	F1	1D	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
495	QV	*Quercus virginiana*	Southern Live Oak		22	(-D-D)	C-3	C	90	Preserved	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
542	QL	*Quercus laurifolia*	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
543	QL	*Quercus laurifolia*	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
544	QL	*Quercus laurifolia*	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
545	QL	*Quercus laurifolia*	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
546	QL	*Quercus laurifolia*	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
547	QL	*Quercus laurifolia*	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
548	QL	*Quercus laurifolia*	Laurel Oak		4	(B-F-C)	D-3	D	70	Offsite	F1	XX	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
552	QL	*Quercus laurifolia*	Laurel Oak		8	(B-C-C)	C-3	C	70	Offsite	F1	1A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
553	CC	*Cinnamomum camphora*	Camphor	Grand	45	(B-C-B)	B-3	B	10	Offsite	F1	1G	non	FALSE	TRUE	FALSE	Protected	TRUE	Grand	non	FALSE
554	QV	*Quercus virginiana*	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	*Quercus laurifolia*	Laurel Oak		23	(C-D-D)	D-5	D	70	Offsite	F1	1C	hazard	FALSE	FALSE	FALSE	Protected	FALSE	Protected	hazard	FALSE
573	QL	*Quercus laurifolia*	Laurel Oak		19	(-B-C)	B-3	B	70	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
576	QL	*Quercus laurifolia*	Laurel Oak		21	(B-C-C)	C-4	C	70	Offsite	F1	1C	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
580	QV	*Quercus virginiana*	Southern Live Oak		16	(-C-B)	C-3	C	90	Offsite	F1	1B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
584	MG	*Magnolia grandiflora*	Southern Magnolia		3	(-B-)	B-3	B	70	Offsite	F1	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE

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	*Pinus elliottii*	Slash Pine	13	(-D-D)	C-3	C	70	Offsite	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
615	PE	*Pinus elliottii*	Slash Pine	11	(B-C-C)	C-3	C	70	Offsite	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
704	TD	*Taxodium distichum*	Bald Cypress	6	(-B-)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
705	TD	*Taxodium distichum*	Bald Cypress	7	(-B-)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
726	TD	*Taxodium distichum*	Bald Cypress	6	(-B-)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
727	TD	*Taxodium distichum*	Bald Cypress	6	(-B-)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
728	TD	*Taxodium distichum*	Bald Cypress	6	(-B-)	B-3	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
751	TD	*Taxodium distichum*	Bald Cypress	4	(B-B-)	B-4	B	90	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
752	TD	*Taxodium distichum*	Bald Cypress	4	(B-B-)	B-4	B	90	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
756	TD	*Taxodium distichum*	Bald Cypress	5	(-B-)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
757	TD	*Taxodium distichum*	Bald Cypress	6	(-B-)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
780	TD	*Taxodium distichum*	Bald Cypress	11	(A-B-A)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
781	TD	*Taxodium distichum*	Bald Cypress	5	(B-B-B)	B-4	B	90	Preserved	F2	2A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
782	TD	*Taxodium distichum*	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	*Ilex cassine*	Dahoon Holly	3	(B-C-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
858	IC	*Ilex cassine*	Dahoon Holly	3	(B-C-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
906	IC	*Ilex cassine*	Dahoon Holly	3	(B-C-)	B-3	B	70	Preserved	F2	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
31	TAH	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	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	*Lagerstroemia indica*	Crapemyrtle	8	(B--)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
39	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
42	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
43	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
44	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
57	TAH	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(B-C-)	B-3	B	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
59	TAH	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(C-C-)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
63	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(C-C-)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
64	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-D-)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
69	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(C-C-)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
70	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(C-C-)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
71	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-C-)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
75	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(C--C)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
76	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	5	(B-C-)	B-3	B	50	Offsite	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
77	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(C-C-)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
78	TAH	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(--)	X-4	X	50	Offsite	F3	XX	NA	FALSE	FALSE	FALSE	Protected	FALSE	Protected	0	FALSE
82	TAH	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(F-C-)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
86	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(F-C-)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
87	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	5	(B-F-)	D-3	D	50	[--REMOVED--]	F3	3A	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
109	TAH	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	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	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-D-F)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
143	LJ	*Ligustrum japonicum*	Ligustrum (Japanese Privet)	5	(B--)	B-3	B	90	Offsite	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
144	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	5	(D-D-D)	D-3	D	50	[--REMOVED--]	F3	3A	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE

145	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	5	(F-B-C)	D-3	D	50	[--REMOVED--]	F3	3A	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
169	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	7	(B-C-B)	B-3	B	50	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
172	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(D-C-D)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
173	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	5	(C-C-B)	C-3	C	50	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
174	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(B-B-B)	B-3	B	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
175	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	5	(B-F-F)	D-3	D	50	[--REMOVED--]	F3	3A	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
223	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B-B-)	B-3	B	90	Offsite	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
224	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B-B-)	B-3	B	90	Offsite	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
225	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B-B-)	B-3	B	90	Offsite	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
226	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B-B-)	B-3	B	90	Offsite	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
299	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
300	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
301	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
302	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B-B-)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
303	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
304	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
305	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
306	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
307	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
312	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
313	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
314	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B-B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
315	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
316	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
317	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
318	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
319	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
320	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
321	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
322	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
323	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
324	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
326	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B--)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
327	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B-B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
328	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
329	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B-B-)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
331	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
338	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
339	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
340	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B-B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
341	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B-B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
342	LI	*Lagerstroemia indica*	Crapemyrtle	5	(C-C-)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
343	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
345	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
346	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
352	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
354	LI	*Lagerstroemia indica*	Crapemyrtle	5	(C-C-)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
355	LI	*Lagerstroemia indica*	Crapemyrtle	5	(C-C-)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
357	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
358	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B--)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
359	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
360	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
361	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
362	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B--)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
363	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
364	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B--)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE

365	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
366	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
367	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
368	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-4	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
370	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(C-C-C)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
371	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B--)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
372	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
373	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
374	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
375	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
376	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
381	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B--)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
382	LI	*Lagerstroemia indica*	Crapemyrtle	6	(C--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
383	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
384	LI	*Lagerstroemia indica*	Crapemyrtle	7	(C-B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
385	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
386	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
387	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
388	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
389	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
390	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
391	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
395	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
396	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
397	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
398	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
399	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
400	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B-B-)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
401	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B-B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
402	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
403	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
404	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
405	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
406	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
407	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	6	(C-B-B)	B-3	B	50	Offsite	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
408	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(D-C-C)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
409	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(F-C-C)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
410	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	6	(B-C-B)	B-3	B	50	Offsite	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
411	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(C-B-B)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
414	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(B-C-B)	B-3	B	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
415	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
416	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
417	LI	*Lagerstroemia indica*	Crapemyrtle	6	(C--)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
418	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
419	LI	*Lagerstroemia indica*	Crapemyrtle	6	(C--)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
420	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
421	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
426	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
427	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
428	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
429	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
430	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
433	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
434	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
435	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
436	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE

437	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
438	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
440	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
441	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
442	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
443	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
444	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-B-)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
445	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(C-F-F)	F-5	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
446	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
447	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
448	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
449	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
450	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
452	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
453	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
454	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
455	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
456	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
463	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
464	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
465	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
471	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
472	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
473	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
474	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
475	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
476	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(B-D-C)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
477	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(D-F-F)	F-4	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
481	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	2	(--)	X-	X	50	[--REMOVED--]	F3	XX	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	FALSE
482	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
483	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
484	LI	*Lagerstroemia indica*	Crapemyrtle	1	(D-F-F)	F-3	F	90	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
485	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
486	LI	*Lagerstroemia indica*	Crapemyrtle	5	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
490	LI	*Lagerstroemia indica*	Crapemyrtle	3	(C-C-)	C-3	C	90	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
496	LI	*Lagerstroemia indica*	Crapemyrtle	6	(C--)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
497	LI	*Lagerstroemia indica*	Crapemyrtle	6	(C--)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
498	LI	*Lagerstroemia indica*	Crapemyrtle	6	(C--)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
499	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
500	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
501	LI	*Lagerstroemia indica*	Crapemyrtle	6	(C--)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
502	LI	*Lagerstroemia indica*	Crapemyrtle	7	(C--)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
503	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
504	LI	*Lagerstroemia indica*	Crapemyrtle	6	(C--)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
506	LI	*Lagerstroemia indica*	Crapemyrtle	6	(C--)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
507	LI	*Lagerstroemia indica*	Crapemyrtle	6	(C--)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
509	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
510	LI	*Lagerstroemia indica*	Crapemyrtle	8	(D-C-)	C-3	C	90	Offsite	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
511	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(B-C-B)	B-3	B	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
512	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
513	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B-B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
514	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
515	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
516	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
517	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
518	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE

519	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
520	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
522	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
523	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
540	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-D-D)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
541	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-D-D)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
566	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	2	(C-B-B)	B-3	B	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
567	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	2	(B-B-B)	B-3	B	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
595	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B-C-C)	C-3	C	90	Offsite	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
598	LI	*Lagerstroemia indica*	Crapemyrtle	8	(C-C-C)	C-3	C	90	Offsite	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
599	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B-C-C)	C-3	C	90	Offsite	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
604	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B-C-C)	C-3	C	90	Offsite	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
609	LI	*Lagerstroemia indica*	Crapemyrtle	8	(-C-)	C-3	C	90	Offsite	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
628	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(B-C-C)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
629	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(B-C-B)	B-3	B	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
652	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-C-C)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
653	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(F-C-F)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
654	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-C-C)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
710	EJ	*Eriobotrya japonica*	Loquat	4	(-B-)	B-3	B	70	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
729	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-C-C)	C-3	C	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
730	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(D-C-C)	D-4	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
731	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(D-C-D)	D-4	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
753	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(F-C-D)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
774	LI	*Lagerstroemia indica*	Crapemyrtle	10	(B-D-D)	C-3	C	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
786	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(F-C-D)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
787	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(D-B-C)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
788	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	2	(D-F-D)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
789	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-C-B)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
811	LI	*Lagerstroemia indica*	Crapemyrtle	5	(D-B-)	C-3	C	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
814	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B--)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
817	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(B-C-B)	B-3	B	50	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
819	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-C-)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
820	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-B-C)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
824	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
829	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(F-C-D)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
834	LI	*Lagerstroemia indica*	Crapemyrtle	6	(-B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
835	EJ	*Eriobotrya japonica*	Loquat	5	(-B-)	B-3	B	70	Offsite	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
837	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(D-C-C)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
839	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(F-C-F)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
841	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	1	(-F-F)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
843	LI	*Lagerstroemia indica*	Crapemyrtle	4	(B--)	B-3	B	90	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
848	LI	*Lagerstroemia indica*	Crapemyrtle	4	(B--)	B-3	B	90	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
849	LI	*Lagerstroemia indica*	Crapemyrtle	7	(-B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
851	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(D-C-)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
855	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	5	(B-B-B)	B-4	B	50	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
856	LI	*Lagerstroemia indica*	Crapemyrtle	8	(B--)	B-3	B	90	Preserved	F3	3B	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
857	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(B-B-B)	B-3	B	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
862	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(F-C-D)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
865	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-C-)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
868	LI	*Lagerstroemia indica*	Crapemyrtle	7	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
871	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
873	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(B-C-B)	B-3	B	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
875	LI	*Lagerstroemia indica*	Crapemyrtle	4	(B--)	B-3	B	90	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
878	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
880	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-B-C)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
881	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE

882	LI	*Lagerstroemia indica*	Crapemyrtle	4	(B--)	B-3	B	90	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
884	LI	*Lagerstroemia indica*	Crapemyrtle	6	(B--)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
885	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(B-C-B)	B-3	B	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
887	LI	*Lagerstroemia indica*	Crapemyrtle	4	(B--)	B-3	B	90	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
889	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	2	(--)	X-5	X	50	Offsite	F3	XX	NA	FALSE	FALSE	FALSE	Protected	FALSE	Protected	0	FALSE
891	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(D-C-C)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
893	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(F-C-F)	F-3	F	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
895	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-C-)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
897	LI	*Lagerstroemia indica*	Crapemyrtle	6	(-B-)	B-3	B	90	Preserved	F3	3A	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
903	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(D-C-D)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
904	LI	*Lagerstroemia indica*	Crapemyrtle	4	(B--)	B-3	B	90	Offsite	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
908	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(C-B-B)	B-3	B	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
910	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(D-F-D)	D-3	D	50	[--REMOVED--]	F3	XX	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	FALSE
911	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	3	(C-B-B)	B-3	B	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
912	TAH	*Tabebuia heterophylla*	Pink Trumpet Tree	4	(C-C-C)	C-3	C	50	Preserved	F3	XX	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	FALSE
4	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-	A	90	Offsite	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
5	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-	A	90	Offsite	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
6	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
7	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
10	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
11	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
12	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
13	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
14	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
15	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
16	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
17	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
18	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
19	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
20	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
21	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
22	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
23	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
24	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
25	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
26	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
27	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
28	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
29	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
30	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
33	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
34	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
35	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
36	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
40	SP	*Sabal palmetto*	Cabbage Palm		(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
41	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
45	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
46	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
47	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
48	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
49	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
50	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
51	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
52	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
53	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
54	SP	*Sabal palmetto*	Cabbage Palm		(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE

55	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
56	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
60	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
61	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
65	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
66	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	Offsite	PA	PA	NA	FALSE	FALSE	FALSE	Protected	FALSE	Protected	0	TRUE
67	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
68	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
72	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
73	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
74	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-	X	90	Offsite	PA	PA	NA	FALSE	FALSE	FALSE	Protected	FALSE	Protected	0	TRUE
89	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
90	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
91	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
92	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
93	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
94	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
95	SP	*Sabal palmetto*	Cabbage Palm	(D--)	D-3	D	90	[--REMOVED--]	PA	PA	hazard	FALSE	FALSE	TRUE	Protected	FALSE	Protected	hazard	TRUE
96	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
97	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
98	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
99	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
100	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
101	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
102	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-4	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
103	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
104	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
105	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
106	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
111	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
112	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
113	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
114	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
115	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
116	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
117	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
118	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
120	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-4	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
121	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
123	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
124	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
125	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
126	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
127	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
128	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-4	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
129	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
130	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
131	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
132	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
133	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
134	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
135	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
146	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
147	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-4	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
148	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
149	DL	*Dypsis lutescens*	Areca Palm	(B--)	B-3	B	0	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE

150	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-4	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
151	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-4	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
153	DL	*Dypsis lutescens*	Areca Palm	(-B-)	B-3	B	0	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
154	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
155	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
156	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
157	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
159	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
160	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
161	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
162	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
163	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
164	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
165	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
166	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
167	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
168	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
170	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
171	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
176	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
177	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
178	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Offsite	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
179	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
180	SP	*Sabal palmetto*	Cabbage Palm	(-C-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
181	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
182	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
183	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
184	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
189	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Offsite	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
190	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
191	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
192	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
193	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
194	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
196	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
197	SP	*Sabal palmetto*	Cabbage Palm	(C--)	B-4	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
198	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
199	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
201	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-	B	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
202	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
203	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-4	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
204	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
205	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
206	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
207	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
208	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
209	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
210	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
213	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
214	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
218	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
219	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
220	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
221	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
222	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
228	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE

229	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
230	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
231	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
232	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
233	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
234	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
235	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
241	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
242	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
243	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
244	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
245	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
250	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
251	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
252	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
253	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
254	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
255	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
258	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
259	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
260	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
261	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-4	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
262	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
263	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
264	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
265	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
266	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-4	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
274	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
275	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
276	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
277	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-4	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
278	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-4	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
279	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
280	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
281	LC	*Livistona chinensis*	Chinese Fan Palm	(--)	X-3	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
284	LC	*Livistona chinensis*	Chinese Fan Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
285	LC	*Livistona chinensis*	Chinese Fan Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
286	LC	*Livistona chinensis*	Chinese Fan Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
287	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
289	LC	*Livistona chinensis*	Chinese Fan Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
290	LC	*Livistona chinensis*	Chinese Fan Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
291	LC	*Livistona chinensis*	Chinese Fan Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
292	LC	*Livistona chinensis*	Chinese Fan Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
293	LC	*Livistona chinensis*	Chinese Fan Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
294	LC	*Livistona chinensis*	Chinese Fan Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
296	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
297	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
298	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
308	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
309	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
310	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
311	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
325	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
333	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
334	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
335	SP	*Sabal palmetto*	Cabbage Palm	(-B-B)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE

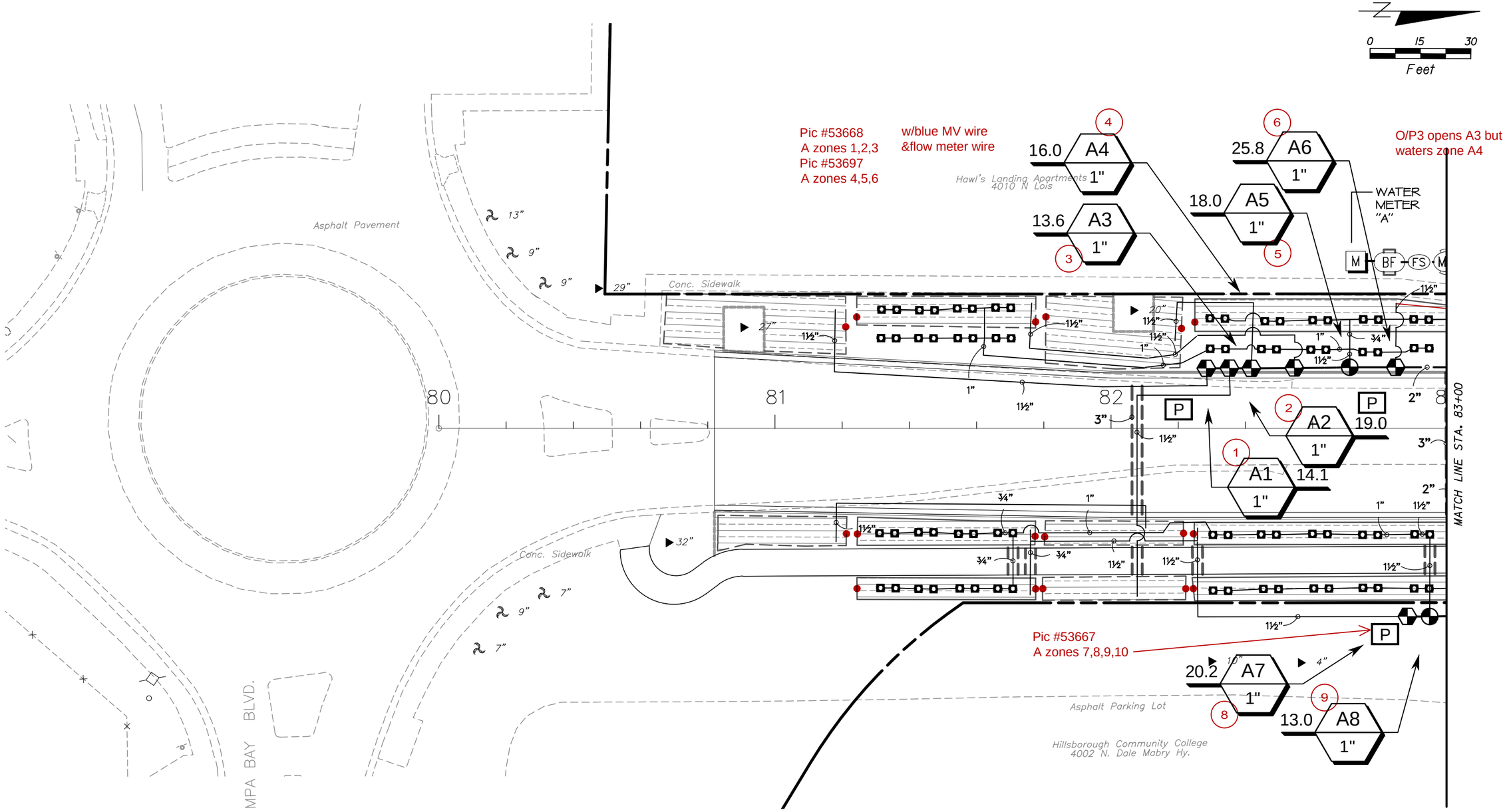
336	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
337	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
347	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
348	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
349	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
350	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
351	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
353	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
356	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
378	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
379	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
380	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
423	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
424	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
432	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
439	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
451	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Offsite	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
457	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
462	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
466	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
467	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
478	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	Offsite	PA	PA	NA	FALSE	FALSE	FALSE	Protected	FALSE	Protected	0	TRUE
489	RR	*Roystonea regia*	Florida Royalpalm	(--)	A-3	A	0	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
491	RR	*Roystonea regia*	Florida Royalpalm	(--)	A-3	A	0	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
505	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
525	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-4	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
539	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
555	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
556	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
557	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
558	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
559	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
561	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
562	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
563	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
564	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
565	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
568	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
569	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
570	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
571	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
572	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	X	90	[--REMOVED--]	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
574	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
575	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
577	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
578	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
579	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
581	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
582	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
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589	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
590	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
591	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
592	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
593	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
596	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE

600	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
601	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
602	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
603	SP	*Sabal palmetto*	Cabbage Palm	(--B)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
605	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
606	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
607	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
608	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
613	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
614	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
620	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
621	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
622	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
623	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
625	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
626	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
627	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
631	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
632	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
633	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
634	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
635	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
638	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
639	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
640	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
642	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
643	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
645	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
646	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
647	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
648	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
649	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
650	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
651	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
655	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
656	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
657	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	X	90	[--REMOVED--]	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
658	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
659	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
660	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
661	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
662	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
663	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
664	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
665	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
666	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
667	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
668	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
669	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
670	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
671	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
672	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
673	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-4	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
674	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
675	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
676	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE

677	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
680	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
681	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
684	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
685	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
686	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
687	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
690	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
691	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
692	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
693	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
694	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
695	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
696	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
697	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
698	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-4	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
699	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
700	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
701	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
702	SP	*Sabal palmetto*	Cabbage Palm	(-B-B)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
714	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
715	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
716	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
717	SP	*Sabal palmetto*	Cabbage Palm	(-B-B)	B-4	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
719	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
720	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
723	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
724	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
725	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
732	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
733	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
734	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
735	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
736	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
737	SP	*Sabal palmetto*	Cabbage Palm	(-C-C)	C-3	C	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
738	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
742	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
744	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-	B	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
745	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	X	90	[--REMOVED--]	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
746	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
747	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
748	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
749	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
765	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
766	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
768	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
769	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
770	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
772	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
773	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
775	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
776	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
778	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
779	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
783	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
784	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE

785	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	X	90	[--REMOVED--]	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
790	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
791	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
792	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
793	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
794	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
795	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
796	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
797	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
799	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
800	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
801	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-	A	90	Preserved	PA	PA	NA	FALSE	TRUE	FALSE	Protected	FALSE	Protected	0	TRUE
802	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
805	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
806	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
812	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
813	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
816	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-6	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
825	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
826	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
828	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-3	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
831	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
836	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
838	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
842	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
845	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-6	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
850	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
852	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
853	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
859	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
860	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
861	SP	*Sabal palmetto*	Cabbage Palm	(-B-B)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
863	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-6	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
864	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
866	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-4	X	90	Offsite	PA	PA	NA	FALSE	FALSE	FALSE	Protected	FALSE	Protected	0	TRUE
867	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
876	SP	*Sabal palmetto*	Cabbage Palm	(-B-B)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
879	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-3	A	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
883	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-6	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
888	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-4	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
890	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
892	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-6	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
896	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-4	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
899	SP	*Sabal palmetto*	Cabbage Palm	(-B-)	B-3	B	90	Offsite	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
901	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-4	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
902	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
905	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-3	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
909	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-6	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
913	SP	*Sabal palmetto*	Cabbage Palm	(--)	X-5	X	90	[--REMOVED--]	PA	PA	NA	FALSE	FALSE	TRUE	Protected	FALSE	Protected	0	TRUE
914	SP	*Sabal palmetto*	Cabbage Palm	(--)	A-4	A	90	Preserved	PA	PA	non	FALSE	TRUE	FALSE	Protected	FALSE	Protected	non	TRUE
88	BV	*Bauhinia variegata*	Wild Orchid Tree	(--)	-	Y	0	[--REMOVED--]	X1	X1	NA	TRUE	FALSE	TRUE	Exempt	FALSE	Exempt	0	FALSE
185	ST	*Schinus terebinthifolius*	Brazilian Pepper	(--)	-	Y	0	Offsite	X1	X1	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE
186	ST	*Schinus terebinthifolius*	Brazilian Pepper	(--)	-	Y	0	Offsite	X1	X1	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE
187	ST	*Schinus terebinthifolius*	Brazilian Pepper	(--)	-	Y	0	Offsite	X1	X1	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE
188	MQ	*Melaleuca quinquenervia*	Punk Tree	(--)	-	Y	0	Offsite	X1	X1	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE
682	ST	*Schinus terebinthifolius*	Brazilian Pepper	(--)	-	Y	0	Offsite	X1	X1	NA	TRUE	FALSE	FALSE	Exempt	FALSE	Exempt	0	FALSE

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



PLANS ARE DIAGRAMMATIC, ADJUST MAINLINE ROUTING AND CONTROL VALVE LOCATIONS AS NEEDED TO AVOID CONFLICTS WITH EXISTING TREES, PAVEMENT AND OTHER UTILITIES, ADJUST LOCATION OF SLEEVES ACCORDINGLY.

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● DRIP STUBS/ FEED POINT/ HEADERS

C.O.T. Program # — Valve Callout
Valve Number
Valve Flow
Valve Size

	DATE	REVISIONS
	11/20/15	AS BUILTS
	03/21/16	RECORD DRAWINGS

DES: DC
DRN: JG
CKD: DC
DATE: 04-12

CITY of TAMPA
Department of Public Works

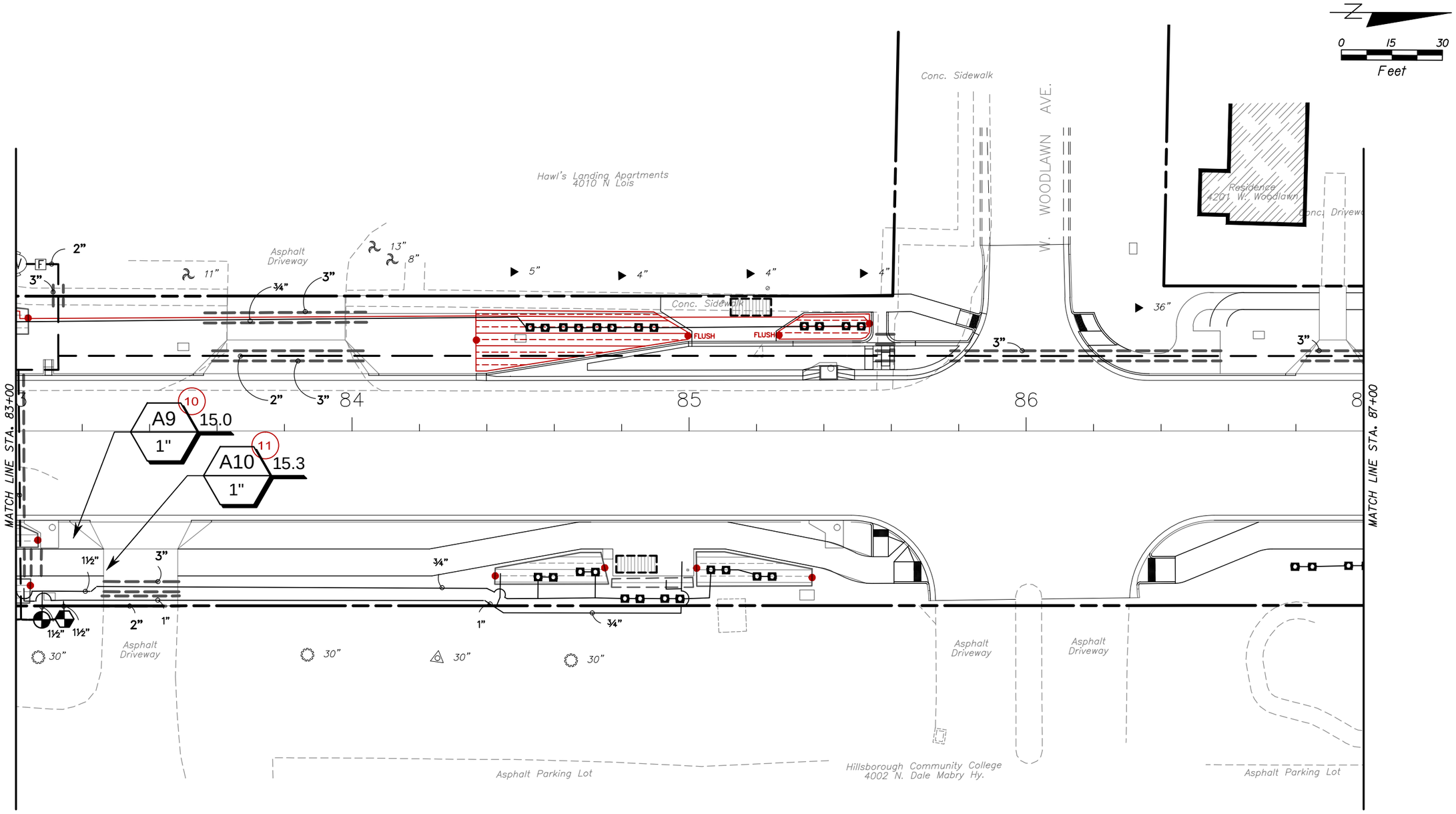
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (1)

W.O.

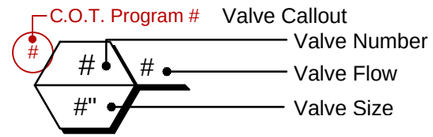
SHEET
LD-70



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DREW PARK PHASE 3
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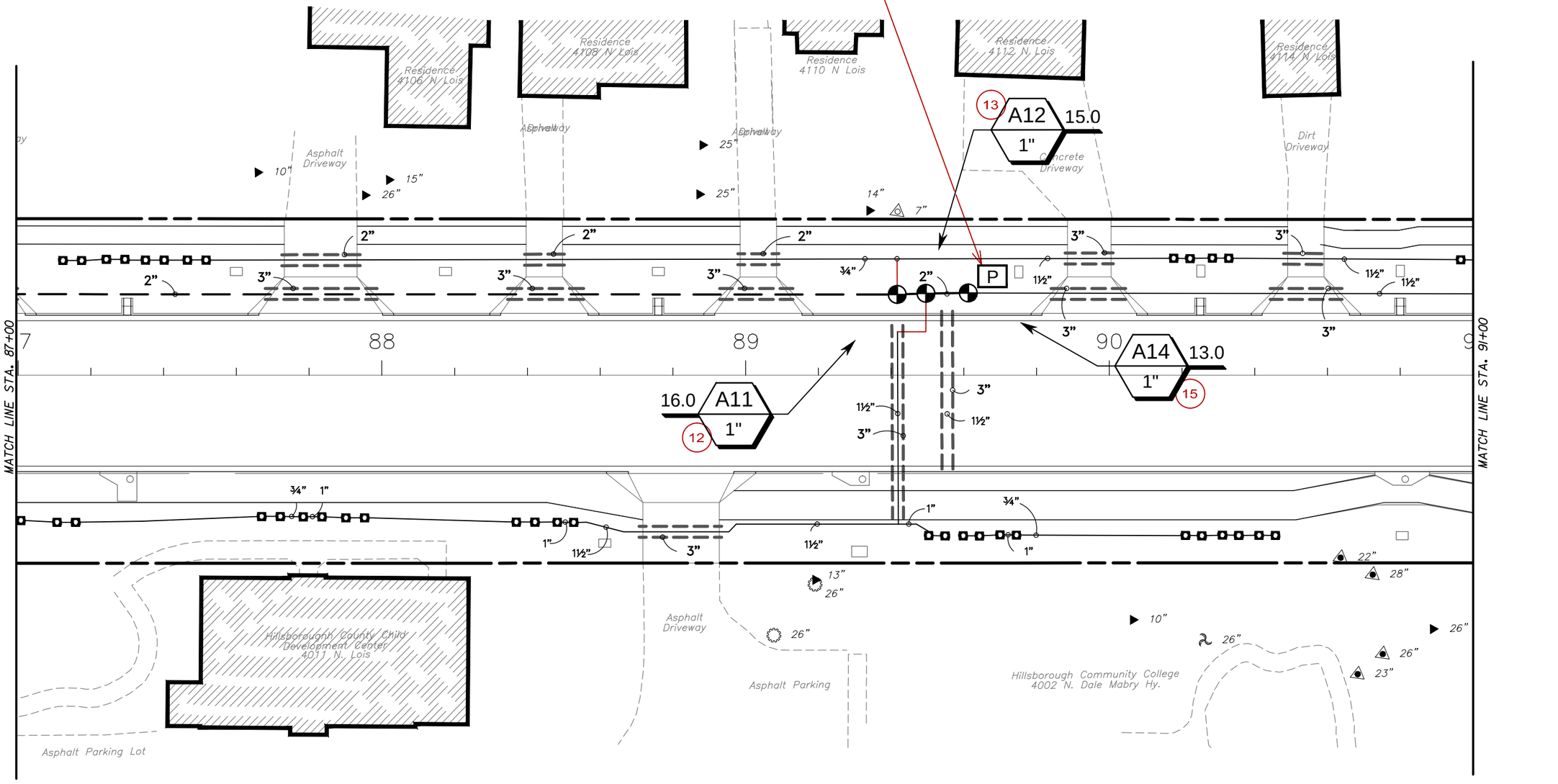
IRRIGATION PLANS (2)

W.O.

SHEET
LD-71

Pic #53662
A zones 11,12,14

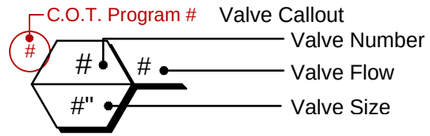
0 15 30
Feet



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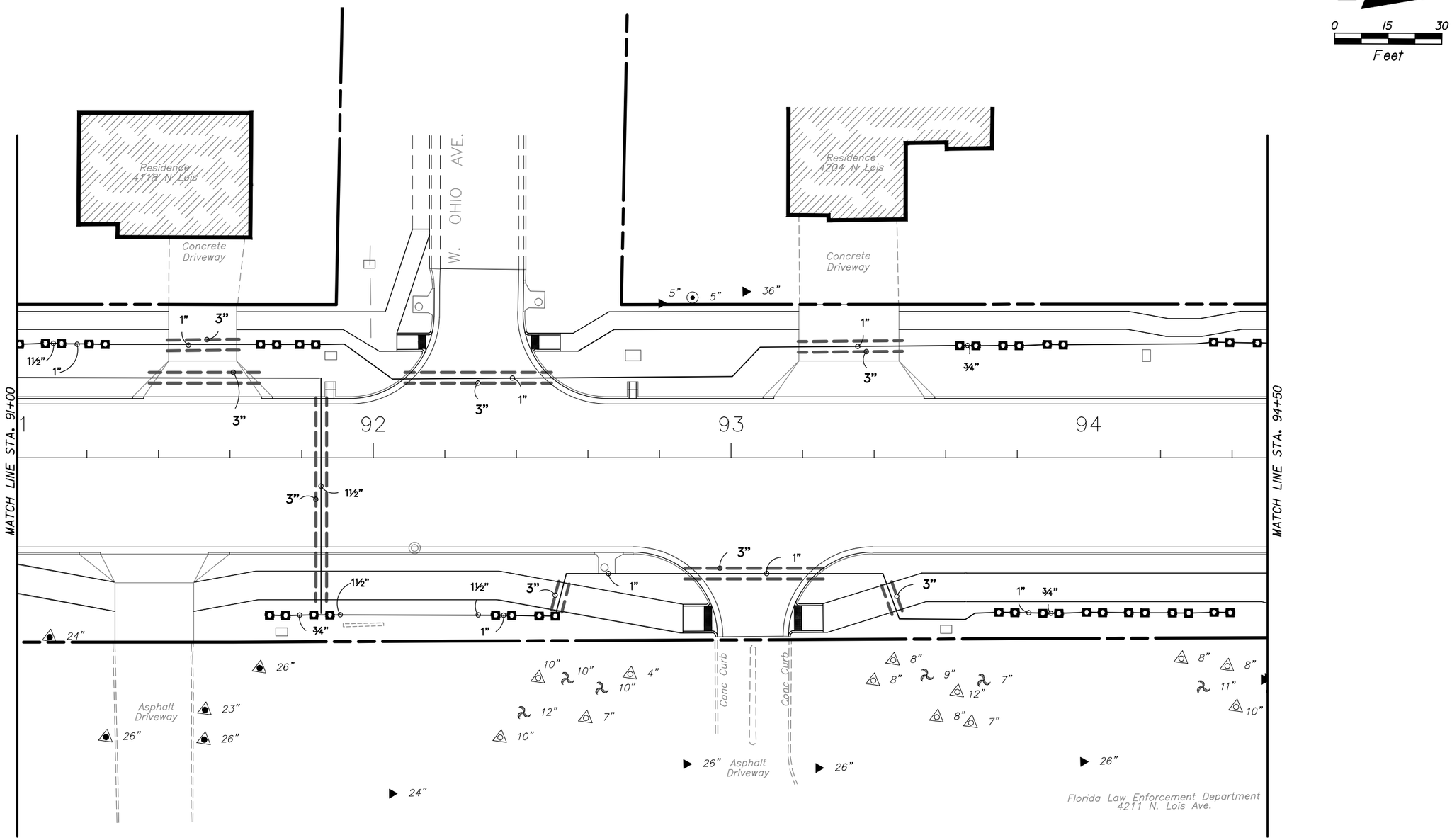
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DREW PARK PHASE 3
LOIS AVENUE RIGHT–OF–WAY IMPROVEMENTS

IRRIGATION PLANS (3)

W.O.

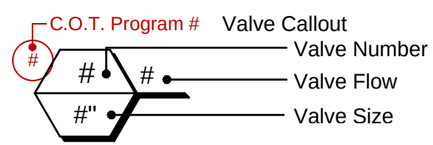
SHEET
LD-72



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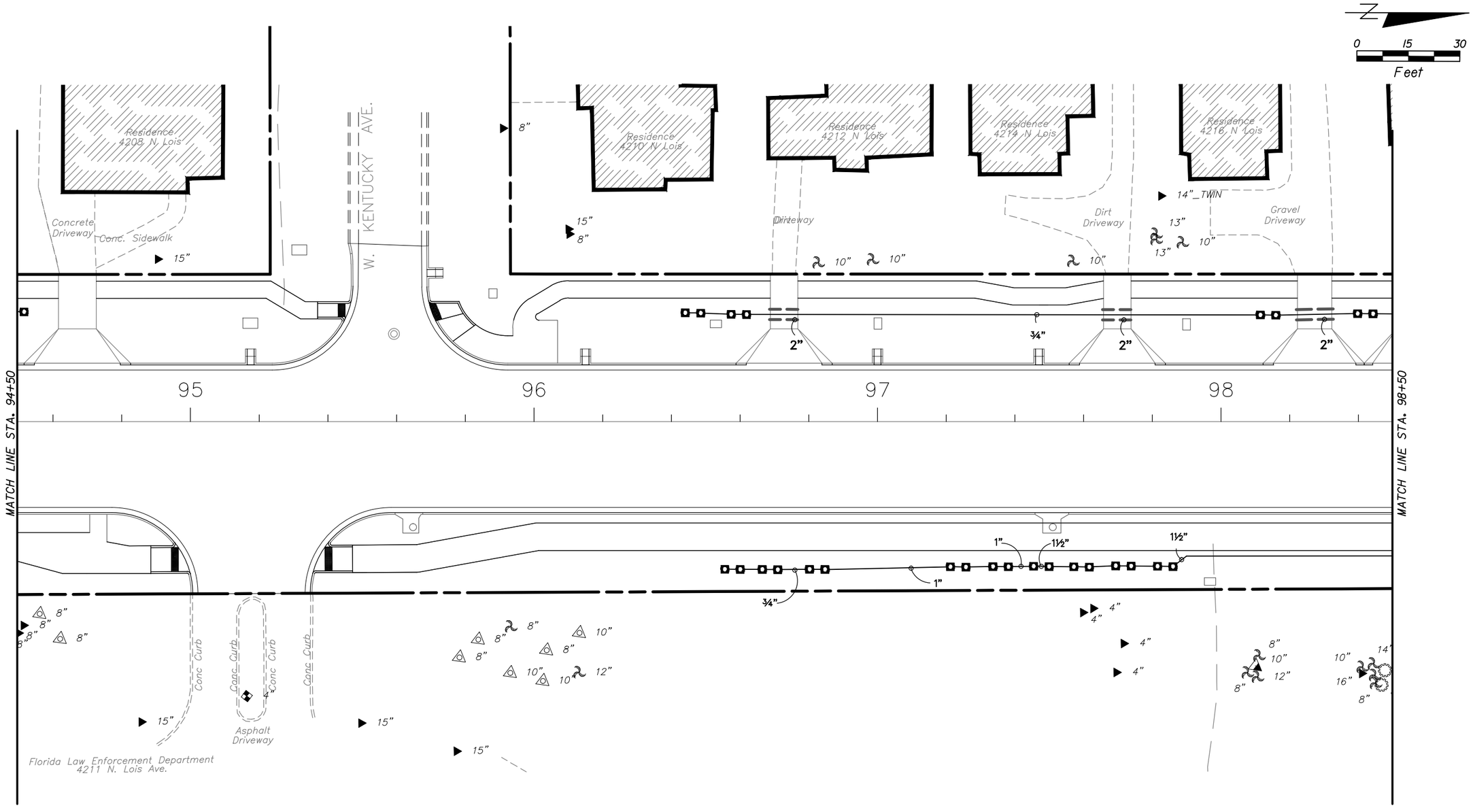
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DREW PARK PHASE 3
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IRRIGATION PLANS (4)

W.O.

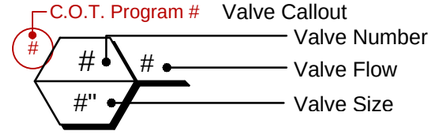
SHEET
LD-73



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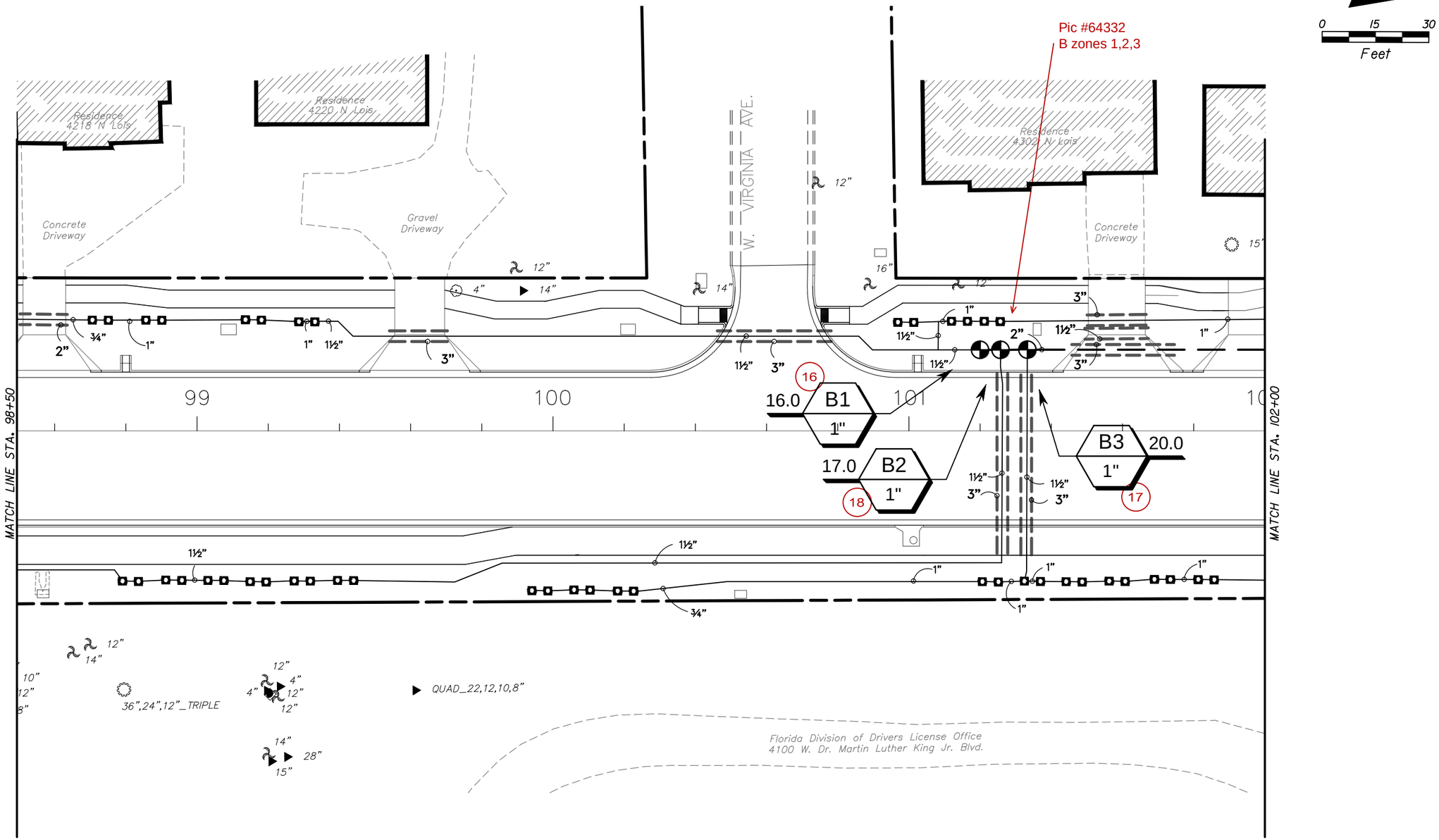
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (5)

W.O.

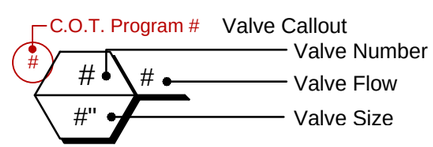
SHEET
LD-74



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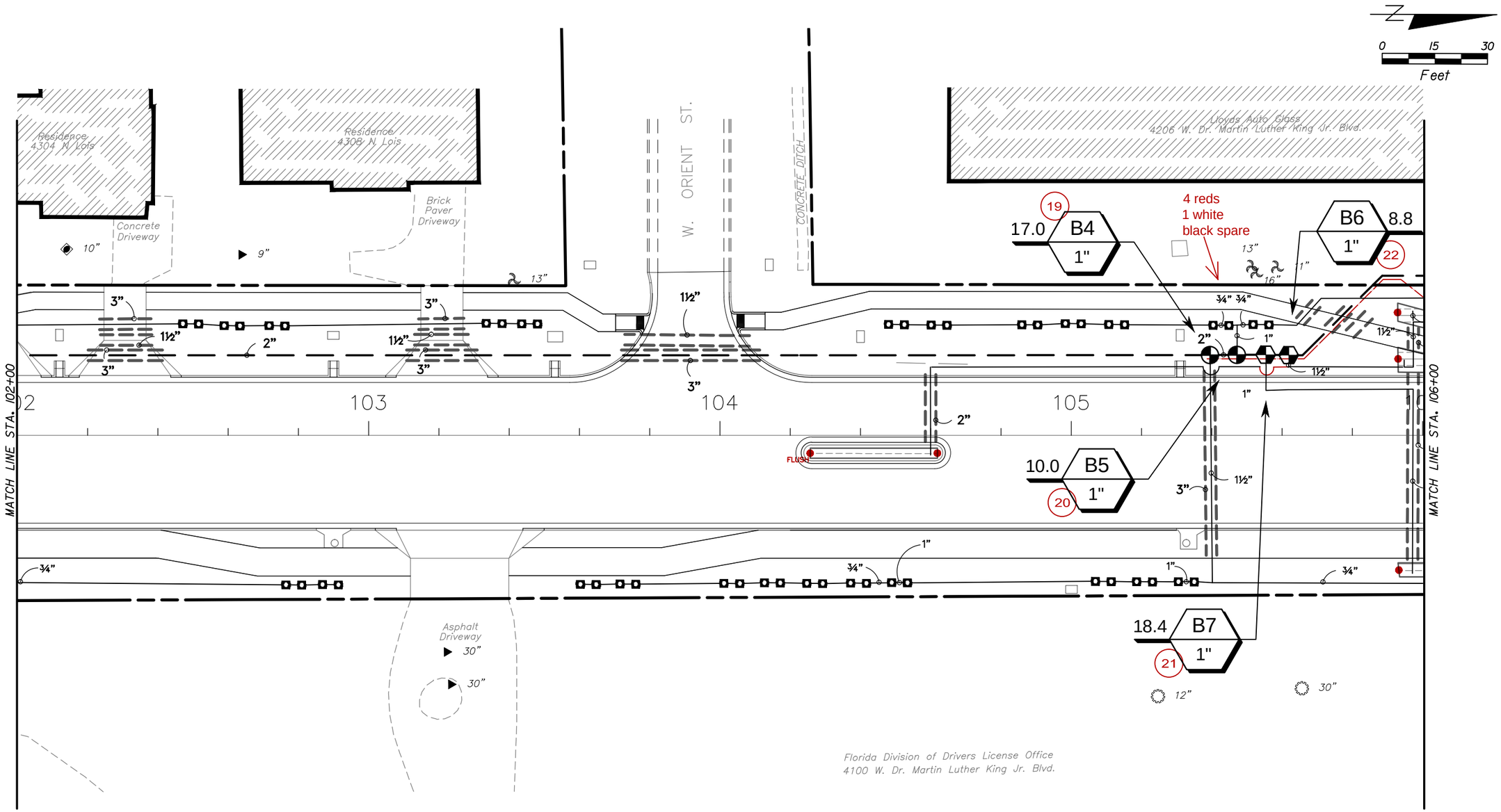
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (6)

W.O.

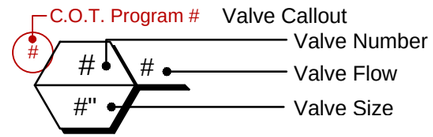
SHEET
LD-75



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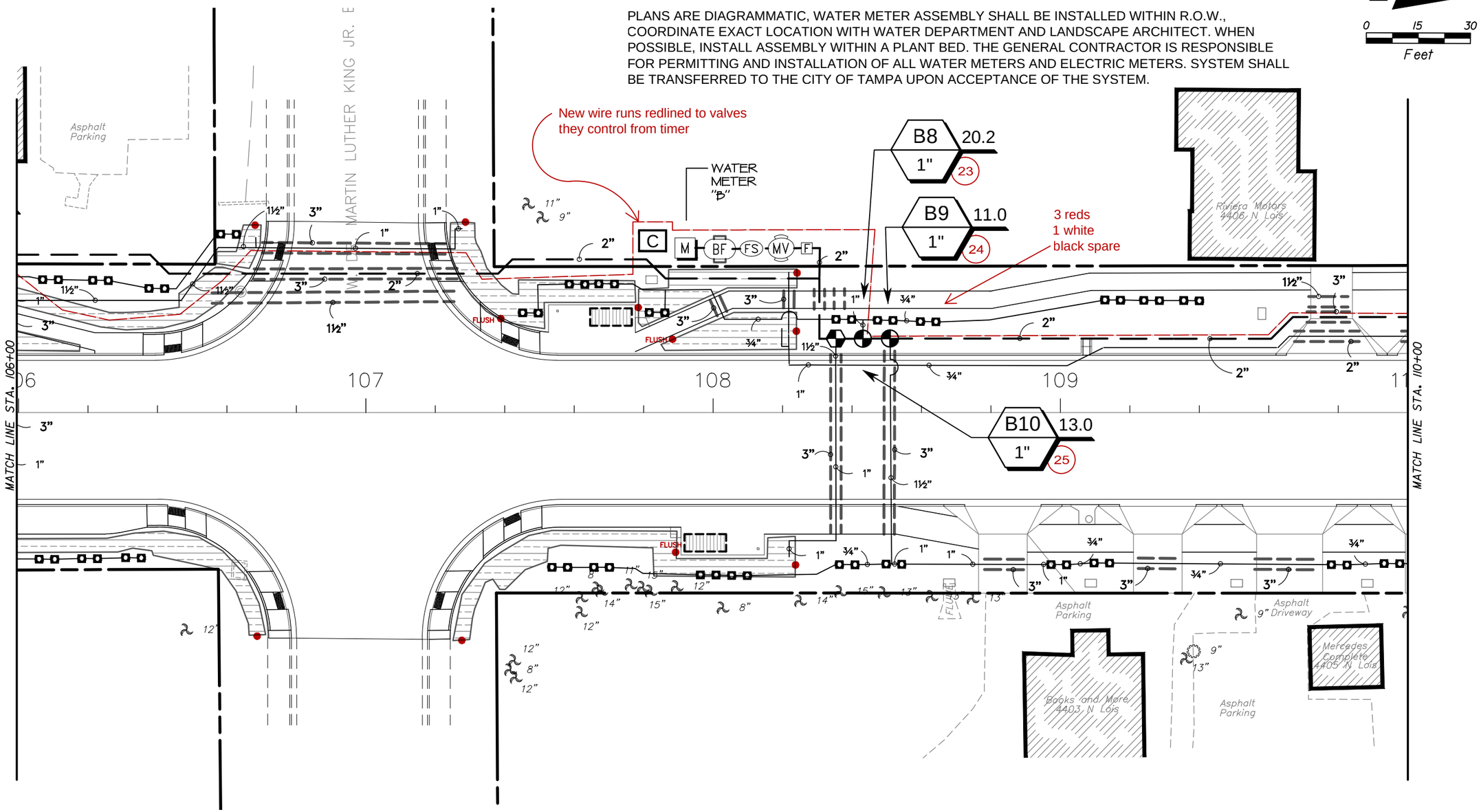
DREW PARK PHASE 3
LOIS AVENUE RIGHT–OF–WAY IMPROVEMENTS

IRRIGATION PLANS (7)

W.O.

SHEET
LD-76

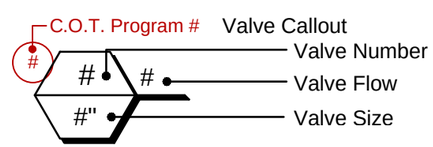
PLANS ARE DIAGRAMMATIC, WATER METER ASSEMBLY SHALL BE INSTALLED WITHIN R.O.W., COORDINATE EXACT LOCATION WITH WATER DEPARTMENT AND LANDSCAPE ARCHITECT. WHEN POSSIBLE, INSTALL ASSEMBLY WITHIN A PLANT BED. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PERMITTING AND INSTALLATION OF ALL WATER METERS AND ELECTRIC METERS. SYSTEM SHALL BE TRANSFERRED TO THE CITY OF TAMPA UPON ACCEPTANCE OF THE SYSTEM.



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CITY of TAMPA
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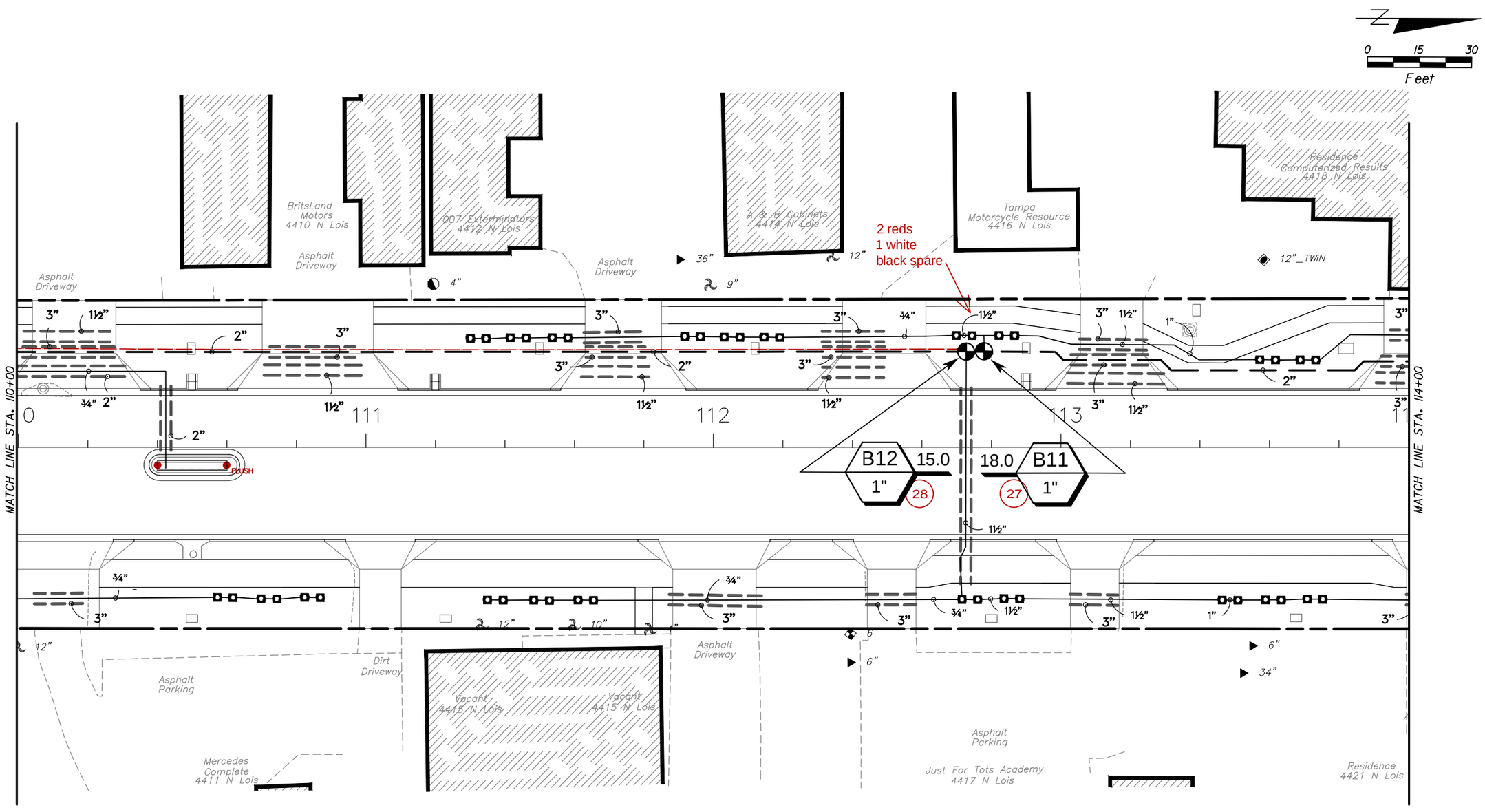
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (8)

W.O.

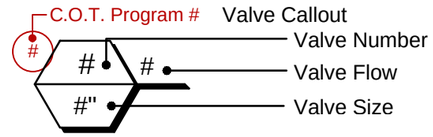
SHEET
LD-77



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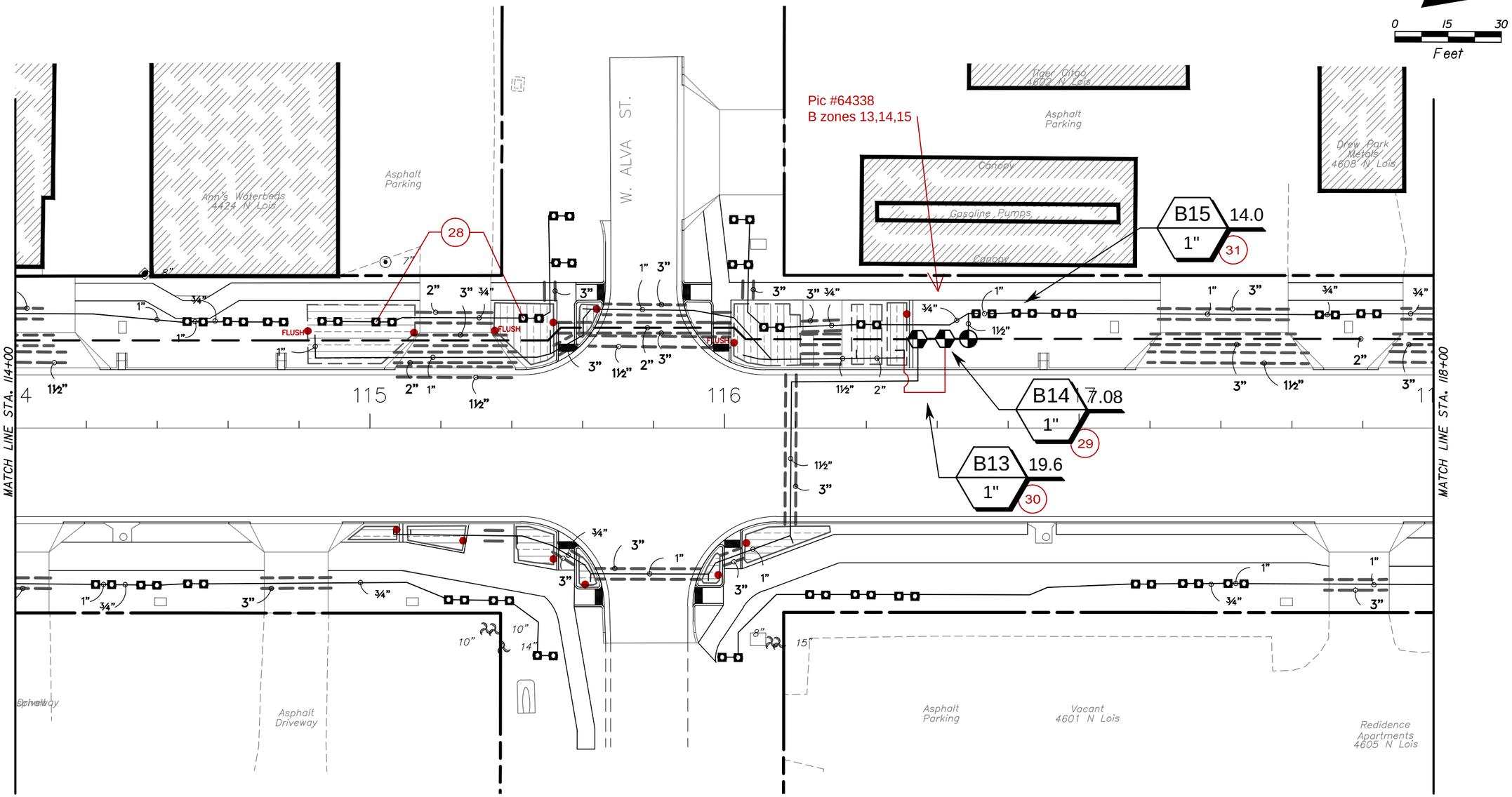
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (9)

W.O.

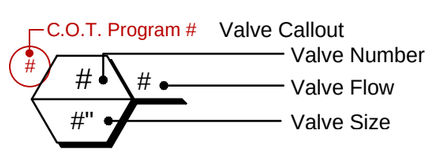
SHEET
LD-78



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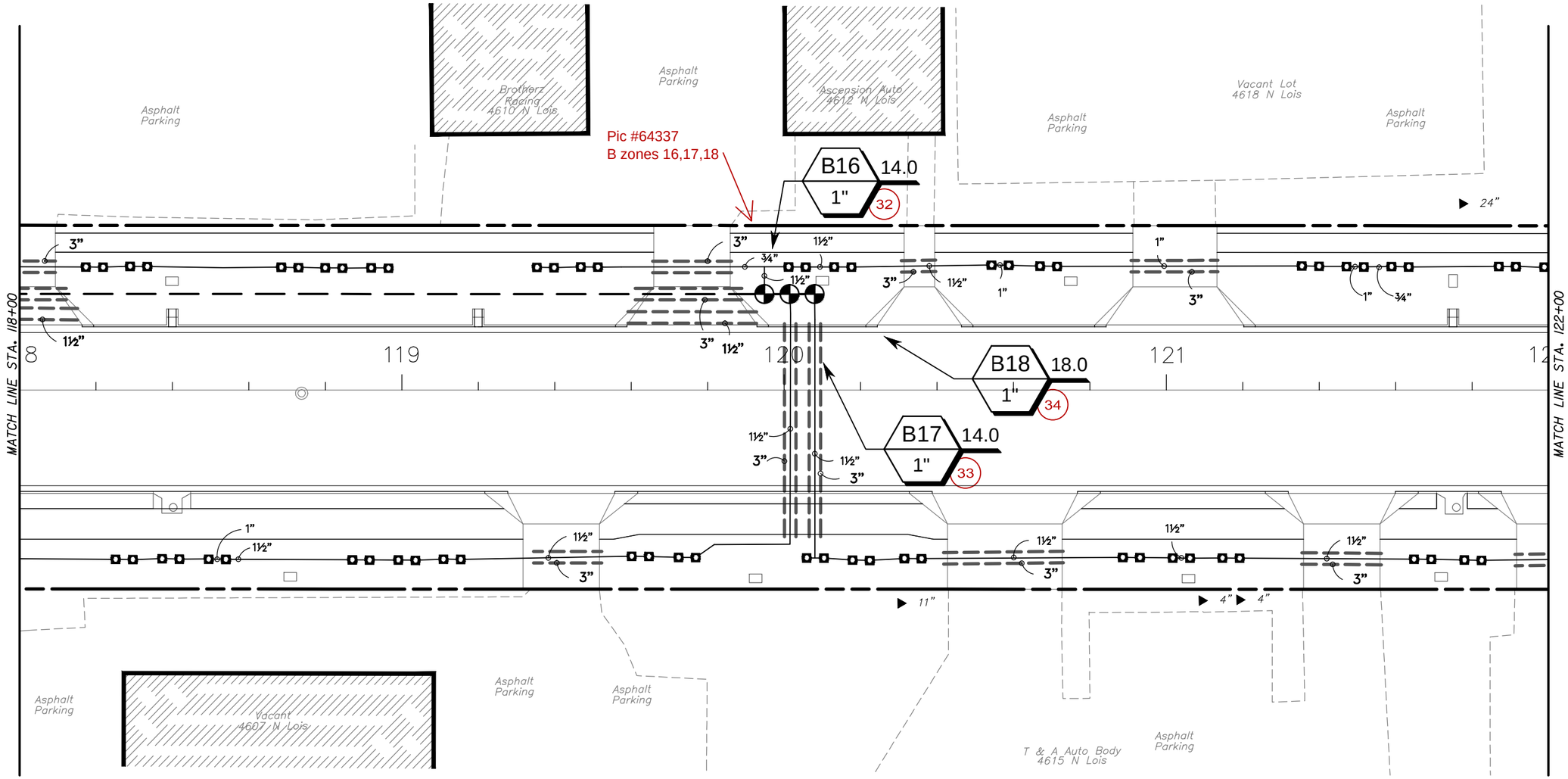
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (10)

W.O.

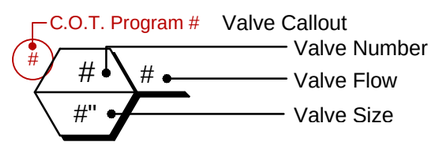
SHEET
LD-79



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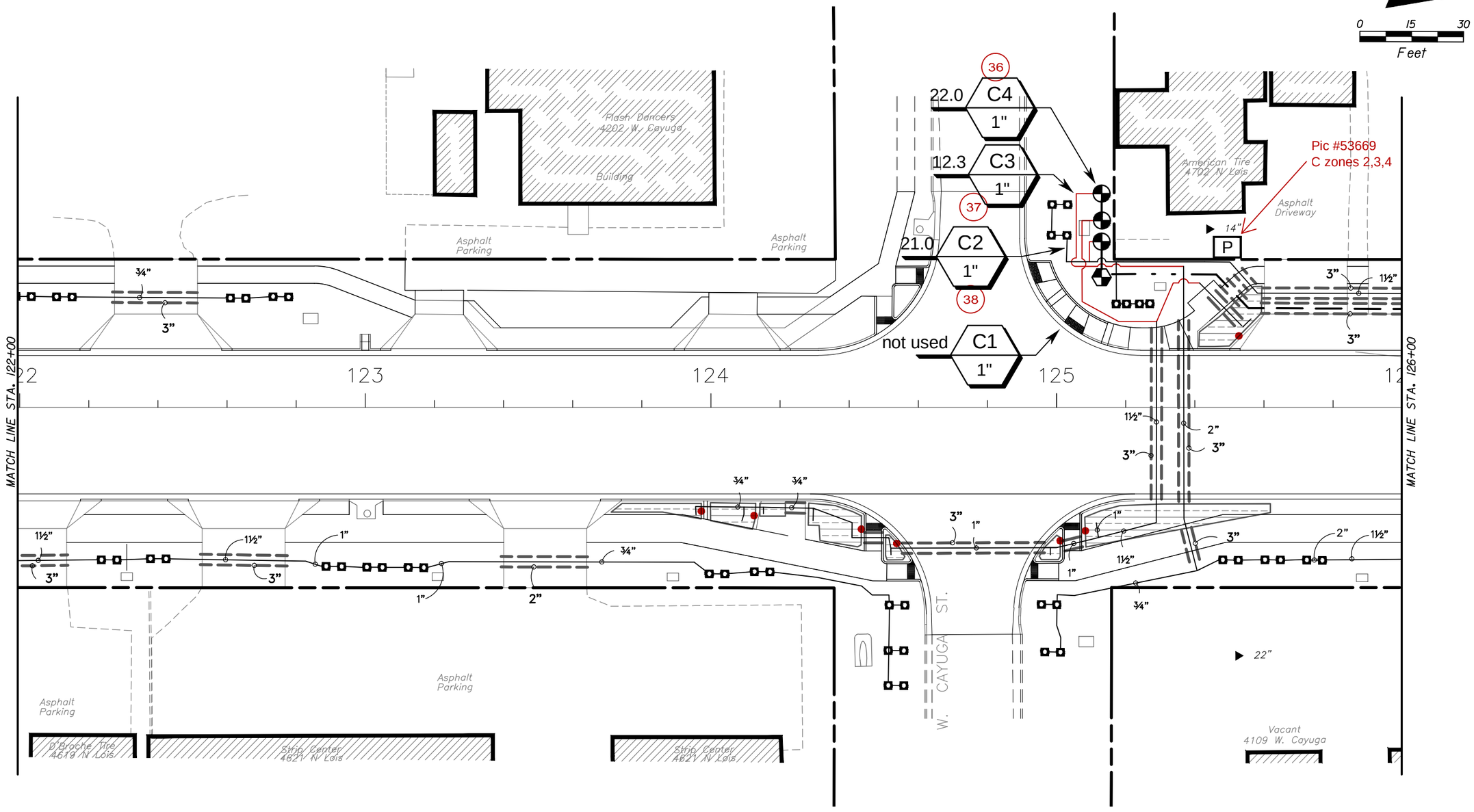
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DREW PARK PHASE 3
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IRRIGATION PLANS (II)

W.O.

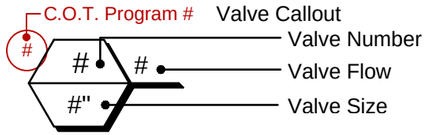
SHEET
LD-80



PLANS ARE DIAGRAMMATIC, ADJUST MAINLINE ROUTING AND CONTROL VALVE LOCATIONS AS NEEDED TO AVOID CONFLICTS WITH EXISTING TREES, PAVEMENT AND OTHER UTILITIES, ADJUST LOCATION OF SLEEVES ACCORDINGLY.

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● DRIP STUBS/ FEED POINT/ HEADERS



	DATE	REVISIONS
	11/20/15	AS BUILTS
	03/21/16	RECORD DRAWINGS

DES: DC
DRN: JG
CKD: DC
DATE: 04-12

CITY of TAMPA
Department of Public Works

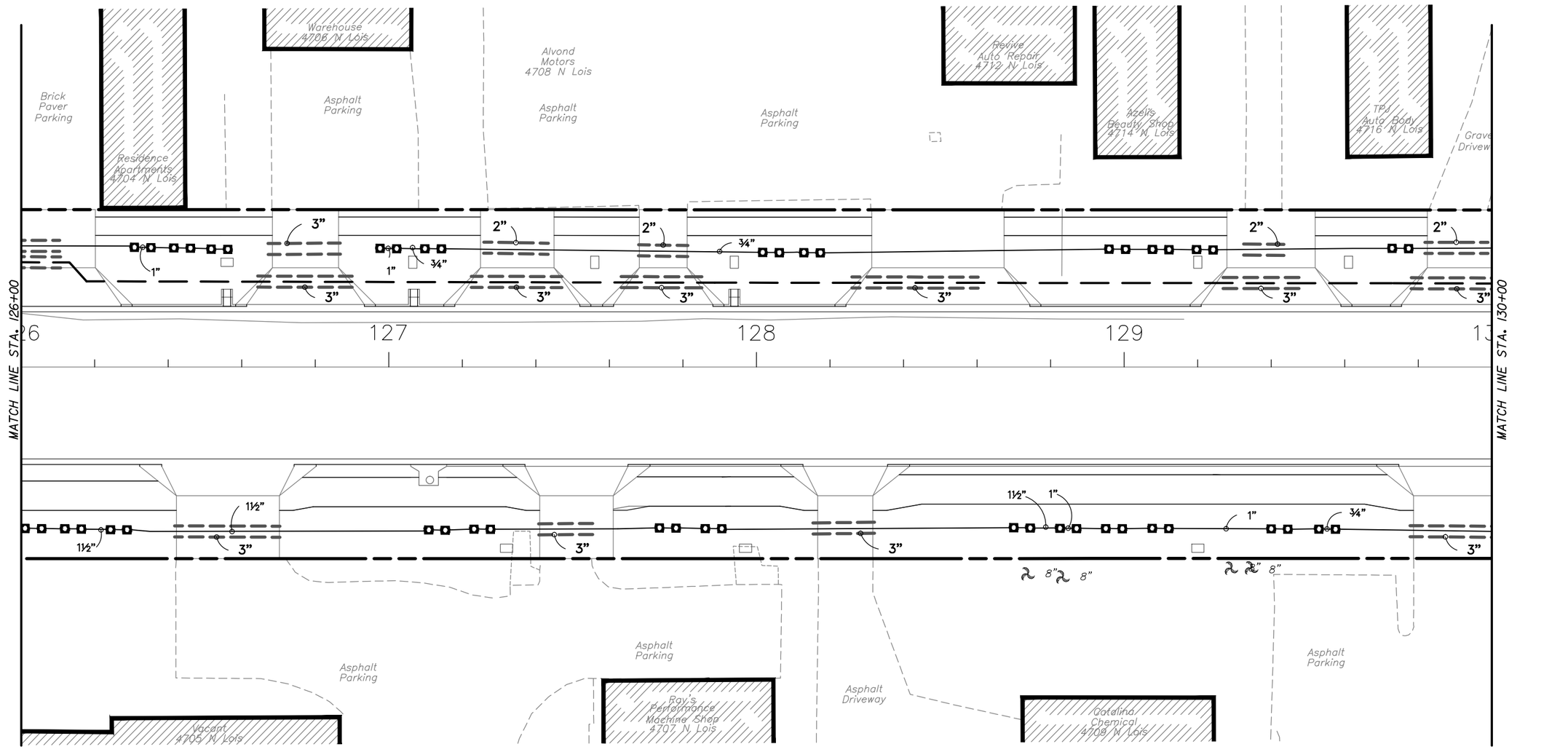
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (12)

W.O.

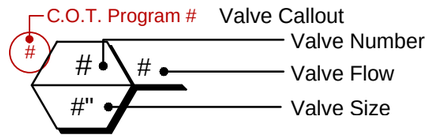
SHEET
LD-81



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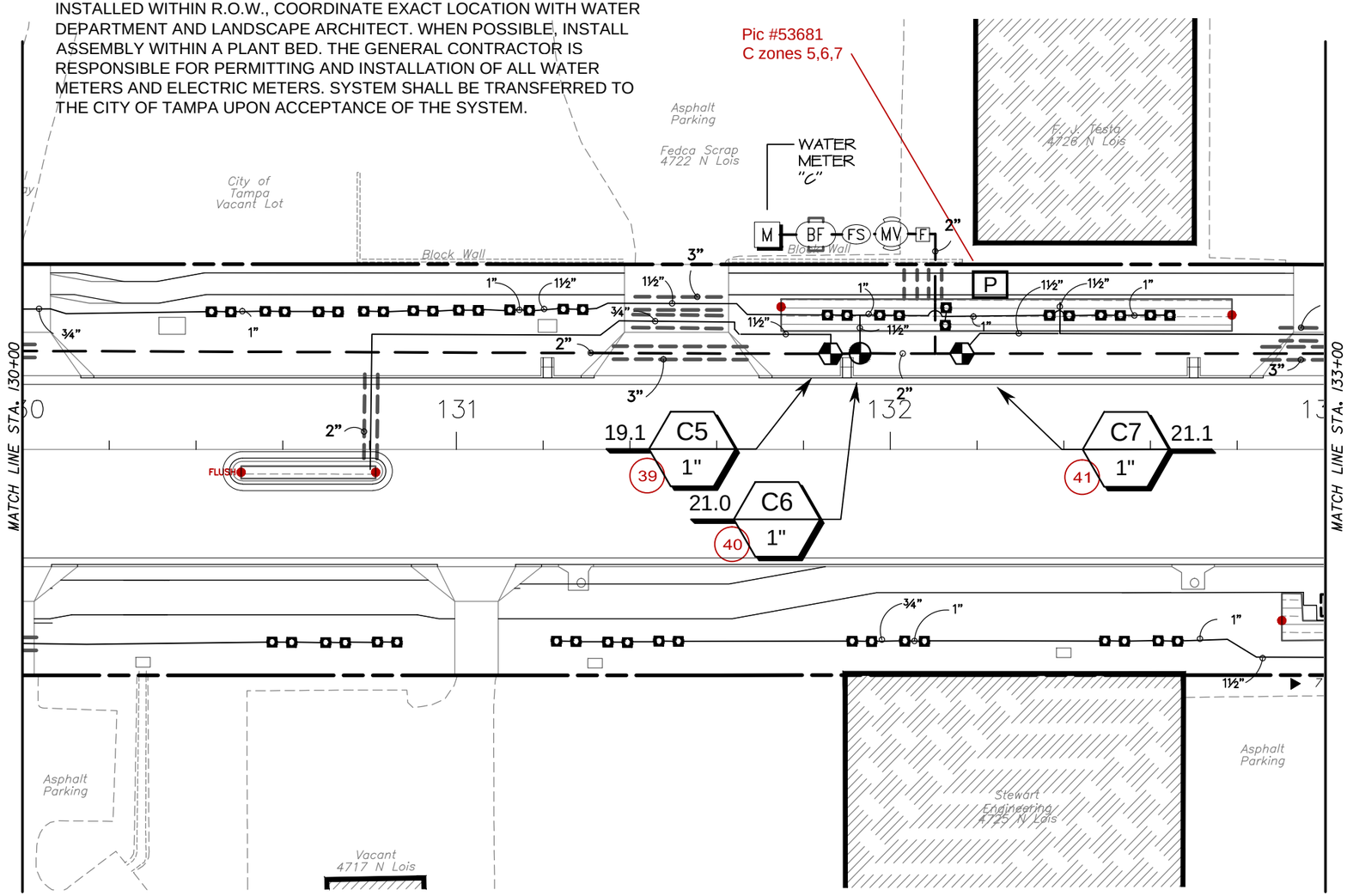
DREW PARK PHASE 3
LOIS AVENUE RIGHT–OF–WAY IMPROVEMENTS

IRRIGATION PLANS (13)

W.O.

SHEET
LD-82

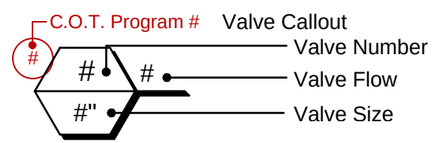
PLANS ARE DIAGRAMMATIC, WATER METER ASSEMBLY SHALL BE INSTALLED WITHIN R.O.W., COORDINATE EXACT LOCATION WITH WATER DEPARTMENT AND LANDSCAPE ARCHITECT. WHEN POSSIBLE, INSTALL ASSEMBLY WITHIN A PLANT BED. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PERMITTING AND INSTALLATION OF ALL WATER METERS AND ELECTRIC METERS. SYSTEM SHALL BE TRANSFERRED TO THE CITY OF TAMPA UPON ACCEPTANCE OF THE SYSTEM.



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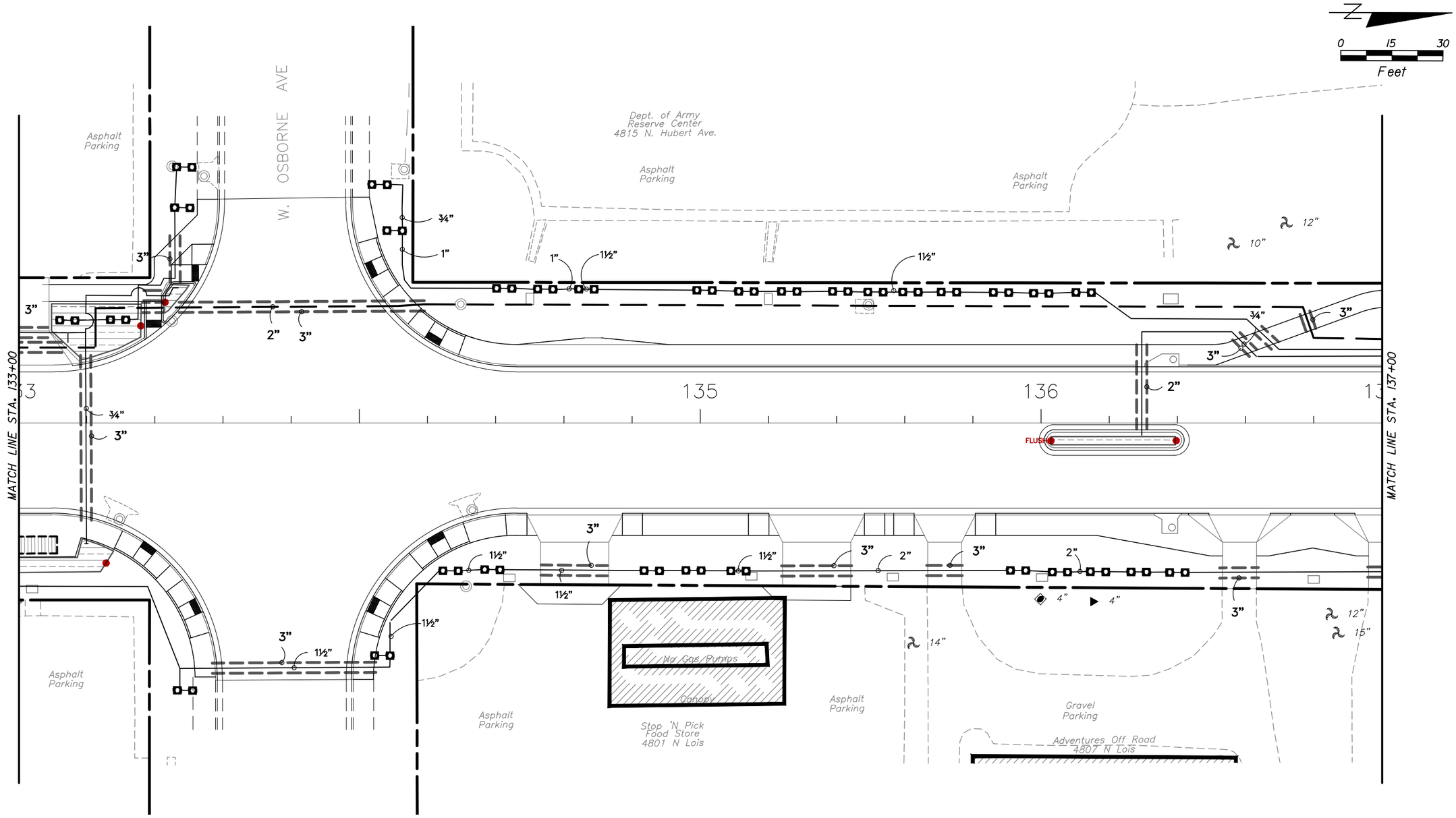
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (14)

W.O.

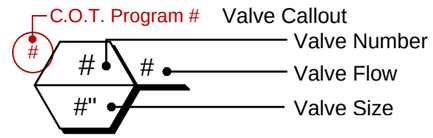
SHEET
LD-83



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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

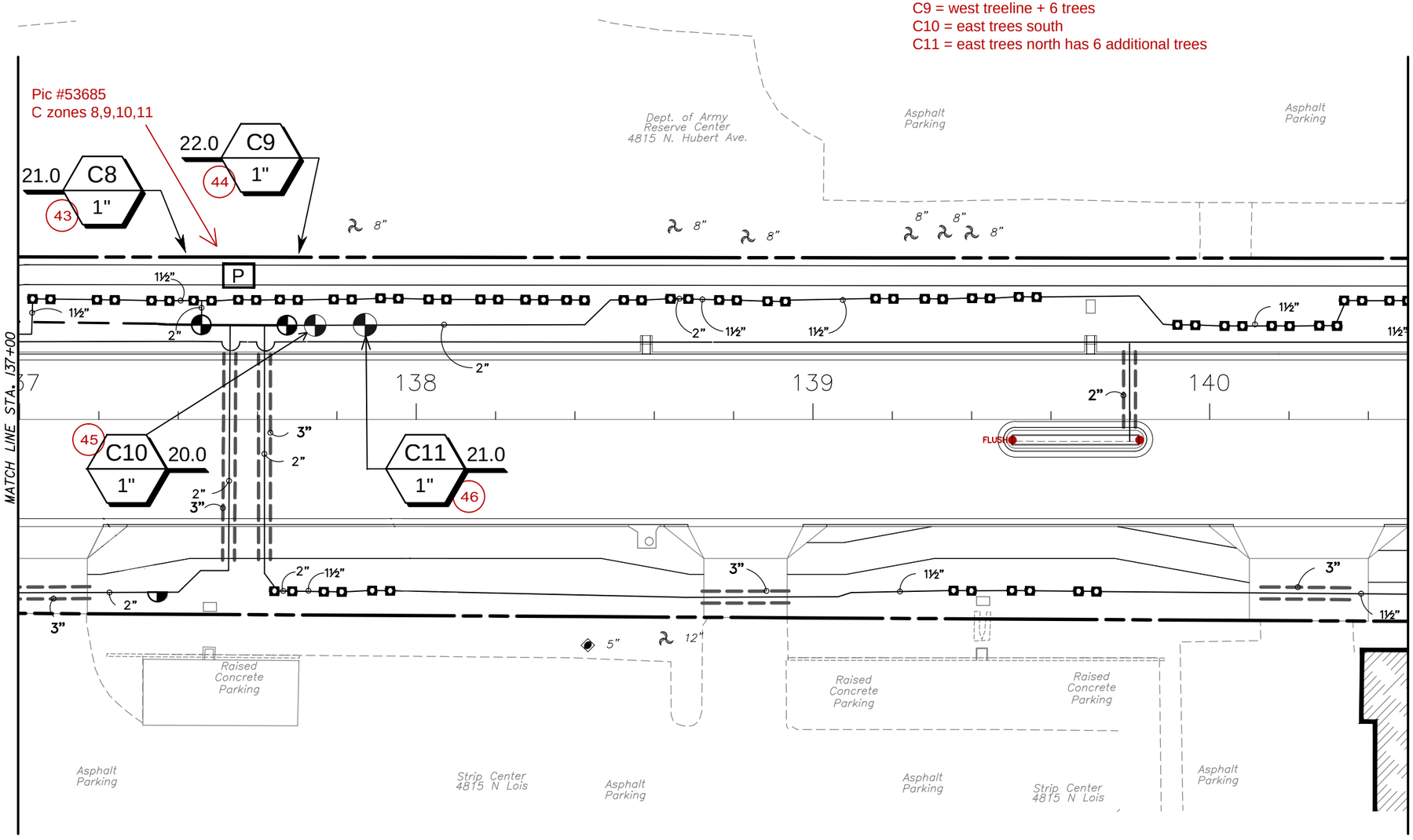
IRRIGATION PLANS (15)

W.O.

SHEET
LD-84

0 15 30
Feet

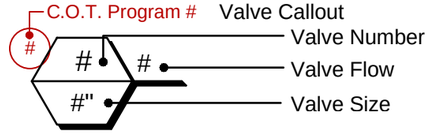
C9 = west treeline + 6 trees
C10 = east trees south
C11 = east trees north has 6 additional trees



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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (16)

W.O.
SHEET
LD-85

0 15 30
Feet

Pic #53664
D zones 1,2,3,4

Dept. of Army
Reserve Center
4815 N. Hubert Ave.

Asphalt
Parking

W. SOUTH AVE

Conc. Sidewalk

School Board of
Hillsborough County
Maintenance Facility
8002 N. Lois Ave.

Building

Conc. Sidewalk

Conc. Sidewalk

MATCH LINE STA. 140+50

MATCH LINE STA. 144+50

141 142 143 144

D4 9.23 "↑ 47

D3 18.0 "↑ 48

D1 19.5 "↑ 50

D2 17.0 "↑ 49

U.S.A. Towing
4827 N Lois

XTC Adult
Supercenter
4829 N Lois

Unknown
5001 N Lois

Unknown
5003 N Lois

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C.O.T. Program # Valve Callout
Valve Number
Valve Flow
Valve Size

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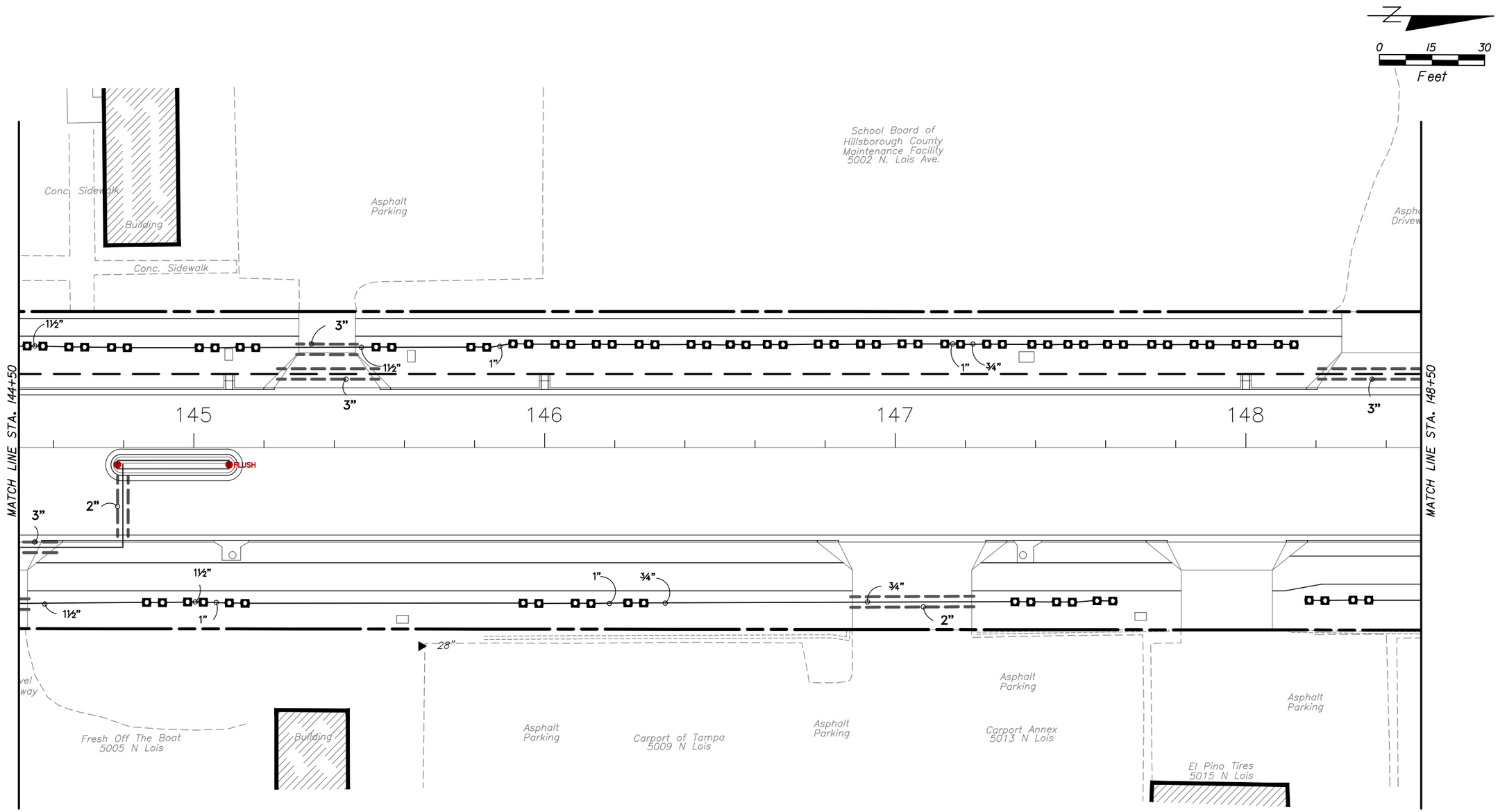
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (17)

W.O.

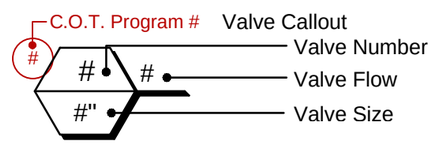
SHEET
LD-86



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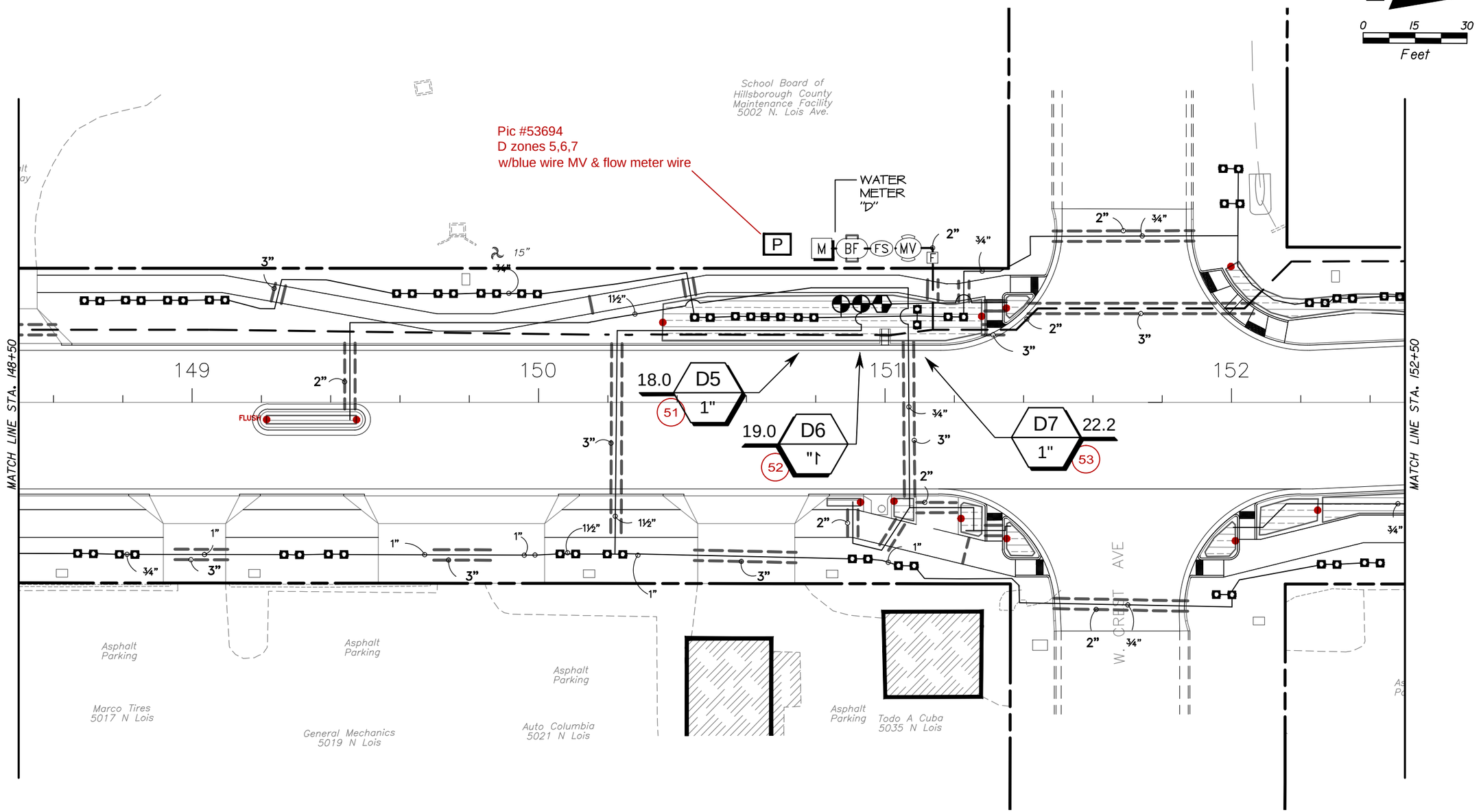
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (18)

W.O.

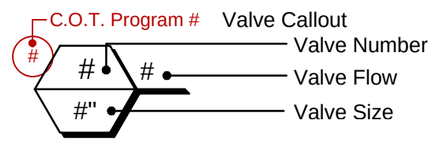
SHEET
LD-87



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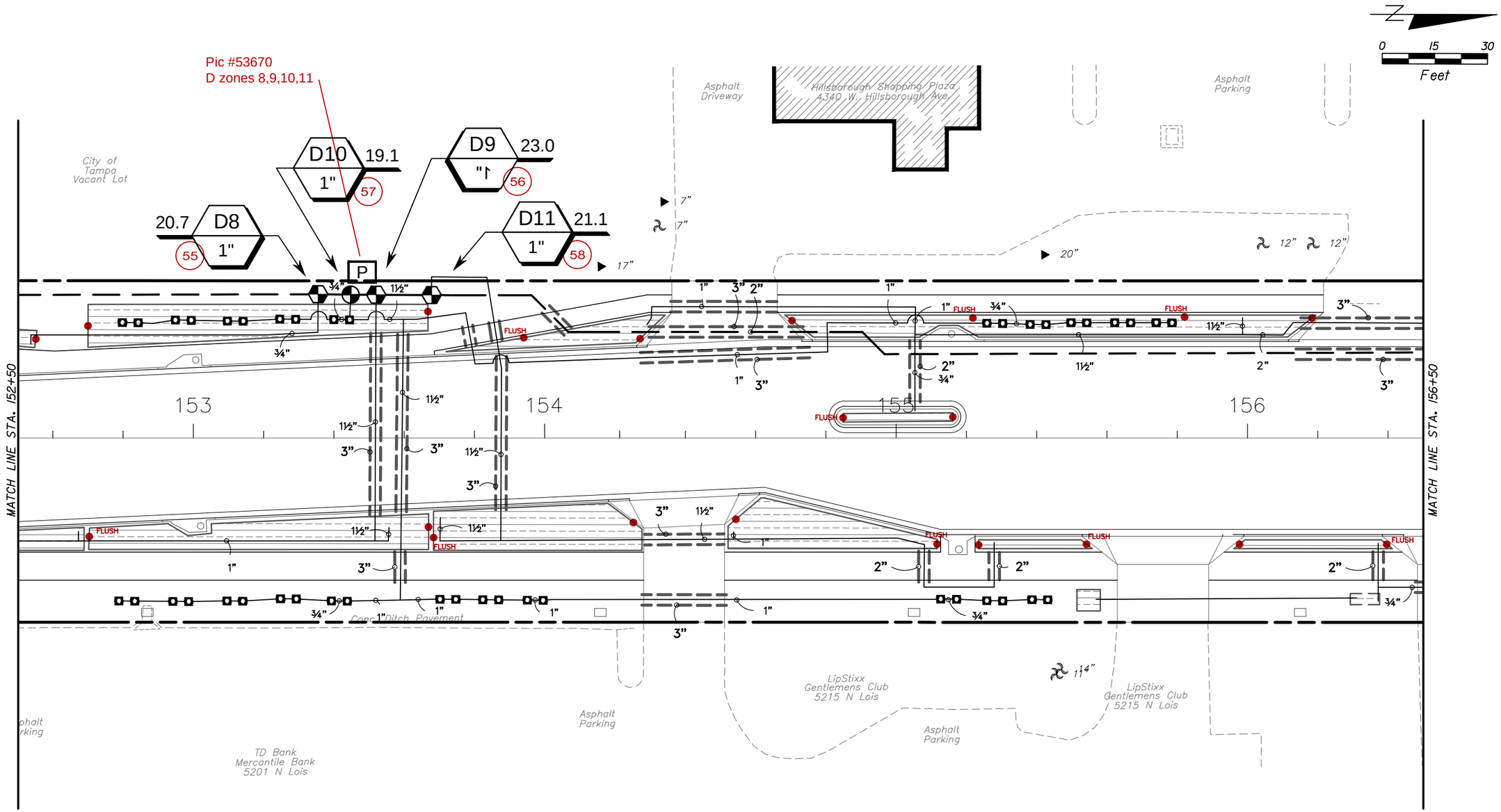
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (19)

W.O.

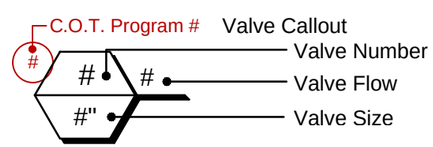
SHEET
LD-88



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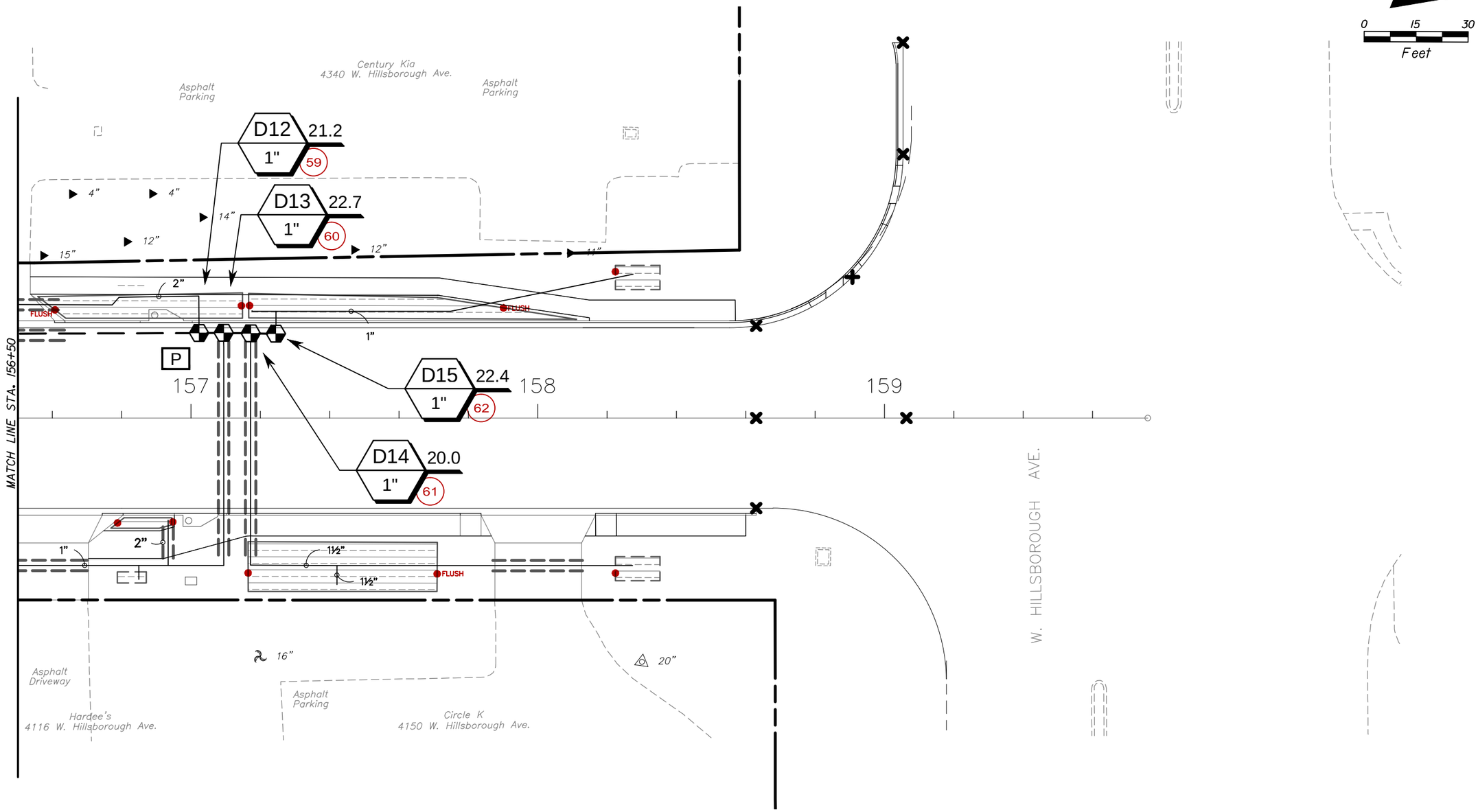
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (20)

W.O.

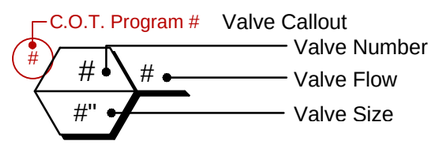
SHEET
LD-89



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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION PLANS (21)

W.O.

SHEET
LD-90

IRRIGATION NOTES:

1. Irrigation system design requirements: 28 GPM @ a minimum of 50 PSI at each point of connection. The Irrigation Contractor shall verify the available GPM and PSI prior to installation of the system.

2. Do not willfully install the irrigation system as shown on the drawings when it is obvious in the field that conditions exist that might not have been considered in the design process. For example : obstructions, grade differences, water levels, dimensional differences, etc. Refer to the Landscape Plan to avoid conflicts with proposed trees or shrubs.

3. Piping may sometimes be indicated as being located in unlikely areas: i.e., under buildings or pavement, outside of property lines, in lakes or ditches, etc. This is done for graphic clarity only. Whenever possible, piping is to be installed in open, green" areas.

4. If required, the Irrigation Contractor shall provide the necessary "Right of Way" use permits.

5. Pipe sizes shall conform to those on the drawings. Substituting with smaller pipe sizes will not be permitted. Minimum pipe size shall be 3/4". Maximum velocity shall be 4 FPS.

6. Mainline is to be installed with a minimum of 18" depth of cover. Lateral lines are to be installed with a minimum of 12" depth of cover. Drip manifolds are to be installed with a minimum of 4" to 5" depth.

7. Unless otherwise indicated, all sleeves are to be PVC Sch 40 and two (2) nominal sizes larger than the pipe to be sleeved. For example: The sleeve for a 2" pipe shall be 3". No irrigation sleeve shall be smaller than 1-1/2".

8. Group remote control valves close to water source when practical. All valves , flush valves and wire splices shall be installed in Rain Bird wide flanged, structural foam "plastic" valves boxes as follows:

Isolation Gate Valves	#VB-10RNDP-L, 10" round box
Wire Splices	#VB-10RNDP-L, 10" round box
Drip Zone Valve / Filter Assy	#VB-SPRP-L, Super Jumbo Rect. box

9. The wire from the Master Meter to the Irrigation Controller must be Rain Bird 14-2 Maxi-com cable. No splices shall be made in the Maxi-com cable. Maxi-com cable to be run under the irrigation mainline or in a PVC Sch. 40 conduit.

10. All 24 volt control cable to be UL Listed, single strand, type UF 600 Volt control cable. Size and color as follows:

Common Wires	- size AWG #12 or larger and WHITE in color.
Hot Wires	- size AWG #14 or larger and RED in color.
Spare Wires	- size AWG #14 or larger and BLACK in color.
Master Valve	- size AWG #14 or larger and BLUE in color.

11. All splices to the 24 volt control wiring shall be made with King grease filled 24-600 volt, direct bury splice kits. All control valve wires shall be bundled and taped together at 20' intervals and placed along the underside of the mainline pipe.

12. Use standard 24 VAC solenoids on valves connected to Irrinet M AC controller. Use DC Latching solenoids on valves connected to Piccolo-XR controllers.

13. Install drip tubing at grade and cover with mulch. Spacing for drip tubing is 12" on center. Anchor tubing every 3' with 6" long tubing stakes. Install flush valve assemblies on a PVC exhaust header.

17. Exact controller location(s) shall be coordinated with an Owner's Representative prior to installation. Unless otherwise stated, the Irrigation Contractor shall provide the electric meters and 110 volt service to the controller location(s).

18. Rain Switch - a rain switch shall be connected to main irrigation controller. The switch shall be installed to meet local codes and/or minimum manufacturer's recommendations. Obstructions, vandalism and ease of service shall be considered in locating the device.

19. The IRRIGATION CONTRACTOR shall prepare a digitally reproducible AS-BUILT drawing detailing the actual installation of the irrigation system. The AS-BUILT drawings shall locate all main line piping, control wires, wire splices, sleeves and valves by showing exact measurements from permanent features (buildings, edge of pavement, power poles, fire hydrants, etc.). Include depth of cover on mainline and sleeves.

20. No product substitutions will be permitted without the written permission of the Owner's Representative. Irrigation Contractor to provide submittals to the Owner's Representative for approval prior to installation. Any other equipment required that is not other wise detailed or specified shall be installed as per manufacturer's recommendations and local code. All material used in the construction / modification of the irrigation system must conform to City of Tampa Irrigation Standards.

IRRIGATION_SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
1402	RAIN BIRD 1402 FLOOD BUBBLER ON FIXED RISER
	AREA TO RECEIVE DRIPLINE RAIN BIRD XFD-09-12 (12) PRESSURE COMPENSATING LANDSCAPE DRIPLINE. 0.9GPH EMITTERS AT 12.0" O.C. SPACED AT 12.0" APART, ON-SURFACE
	IRRITROL 200B SERIES (BUBBLER ZONES) REMOTE CONTROL VALVE (24 VAC OR DC LATCHING)
	IRRITROL 200B SERIES W/ OMR-30 (DRIPLINE ZONES) REMOTE CONTROL VALVE (24 VAC OR DC LATCHING)
MV	IRRITROL 216B MASTER VALVE - 1-1/2"
BF	WATTS 007 TOP PORTED BACKFLOW - 1-1/2"
C	MOTOROLA #IRRINET-M AC CONTROLLER SEE SPECIFICATIONS AND DETAILS
P	MOTOROLA PICCOLO-XR REMOTE CONTROLLER SEE SPECIFICATIONS AND DETAILS
FS	FLOW METER, 1" METER MASTER METER MULTI-JET W/ ELECTRICAL OUTPUT REGISTER (10 GPM RATE)
F	VU-FLOW #L150-120 MANUAL FLUSH SCREEN FILTER WITH JUMBO VALVE BOX
M	WATER METER 1" WITH 2" SERVICE LINE, 28 GPM AT 50 PSI REQUIRED
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 PVC SCHEDULE 40 IRRIGATION PIPE. ONLY LATERAL TRANSITION PIPE SIZES 1" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 3/4" IN SIZE.
	IRRIGATION MAINLINE: PVC SCHEDULE 40
	PIPE SLEEVE: PVC SCHEDULE 40 TYPICAL PIPE SLEEVE FOR IRRIGATION PIPE. SIZE AS NEEDED OR AS NOTED ON PLAN.

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	03/21/16	RECORD DRAWINGS

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CITY of TAMPA
Department of Public Works

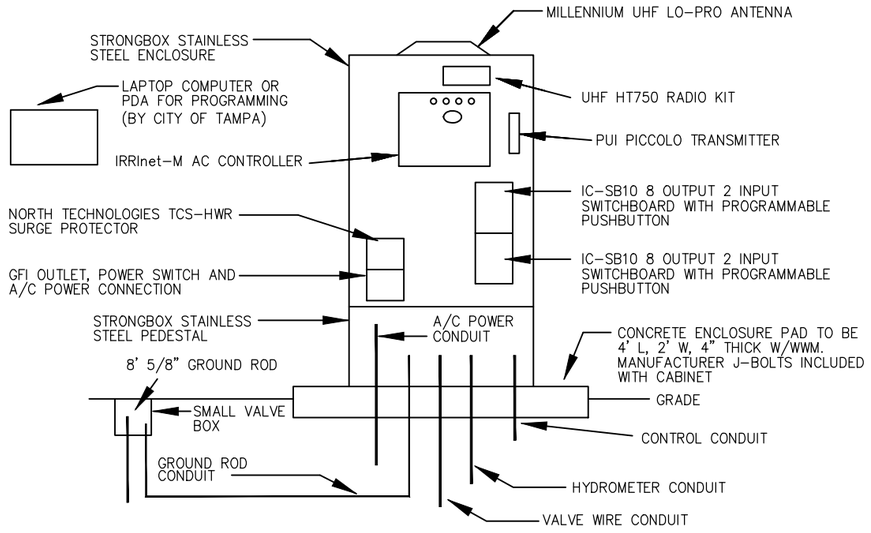
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION NOTES AND SCHEDULE

W.O.

SHEET
LD-120



IRRInet-M AC CONTROLLER

NTS

1. CONTROLLER SHALL BE (COORDINATE WITH C.O.T. PARKS DEPT.) A 16 STATION MOTOROLA AC IRRInet CONTROLLER ASSEMBLY WITH UHF HT750 EXTERNAL RADIO KIT AND PUI PICCOLO INTERFACE. UNIT SHALL BE MOUNTED IN A STRONGBOX SB-1855 STAINELESS STEEL ENCLOSURE WITH PEDESTAL. ASSEMBLY SHALL INCLUDE UHF DOME ANTENNA KIT AND 16+ STATION TERMINAL SET.

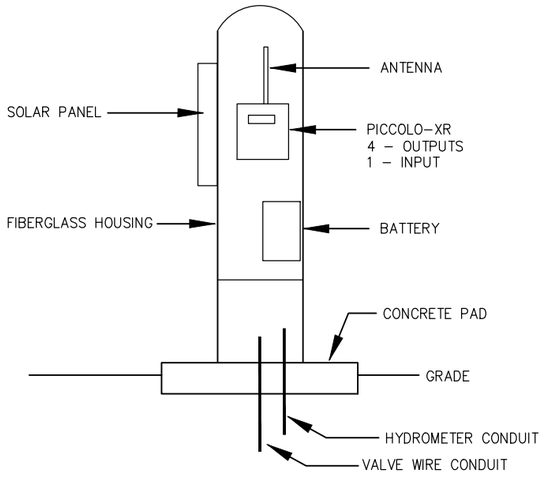
2. FOR PURCHASE INFORMATION CONTACT
CENTRAL CONTROL SYSTEMS, LTD - MARJIE GIEBEL
P.O. BOX 8683 WOODLAND, CA 95776-8683
PH 530-662-6841
FAX 530-662-3776
E-MAIL: CCS@CONTROLSYSTEMS.COM .

3. CONTROLLER TO BE LOCATED NEAR PROPOSED WATER METER. CONFIRM WITH PARKS AND RECREATION IRRIGATION SUPERVISOR PRIOR TO INSTALLATION.

4. ALL WIRES NOT UNDER MAINLINE TO BE IN 1-1/2" CONDUIT.

5. WIRES BURIED UNDER MAINLINE ARE TO BE BUNDLED AND TAPED AT 20 FOOT INTERVALS.

6. IRRIGATION CONTRACTOR SHALL POUR SLAB, MOUNT CONTROLLER, BRING ALL WIRES INTO CONTROLLER CABINET. C.O.T. PARKS DEPT. SHALL CONNECT ALL WIRES TO CONTROLLER AND PROGRAM THE CONTROLLER.



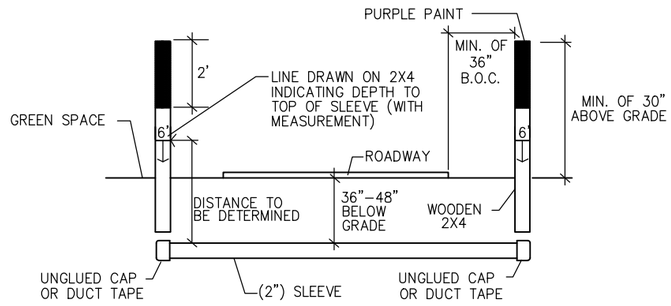
PICCOLO-XR CONTROLLER

NTS

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CONTROLLER TO BE LOCATED NEAR PROPOSED WATER METER. CONFIRM WITH PARKS AND RECREATION IRRIGATION SUPERVISOR PRIOR TO INSTALLATION.

IRRIGATION CONTRACTOR SHALL POUR SLAB, MOUNT CONTROLLER, BRING ALL WIRES INTO CONTROLLER HOUSING. C.O.T. PARKS DEPT. SHALL CONNECT ALL WIRES TO CONTROLLER AND PROGRAM THE CONTROLLER.



SLEEVE NOTES

1. SLEEVE SHALL BE SCHEDULE 40 PVC.

2. DEPTH TO BE MINIMUM OF 24" BELOW PAVING SUBGRADE & MAXIMUM OF 36" BELOW PAVING SUBGRADE. IN NO CASE SHALL THE TOP OF THE SLEEVE PIPE BE GREATER THAN THREE (3') BELOW FINAL GRADE (TOP OF ASPHALT OR BACK OF CURB).

3. ENDS OF PIPE TO EXTEND 24" TO 36" BEYOND BACK OF CURB (OR BACK OF SIDEWALK IF SIDEWALK IS BUILT TO CURB).

4. ENDS OF PIPE TO BE TAPED OFF WITH DUCT TAPE.

5. CONTRACTOR SHALL STAKE BOTH ENDS OF EACH CROSSING (WITH 8', 2 X 4, TOP PAINTED PURPLE) AND ACCURATELY AS-BUILD (DIMENSION FROM FIXED OBJECTS OR STRUCTURES) IN CASE STAKES ARE REMOVED.

6. SHOULD STAKES NOT BE PRESENT WHEN IRRIGATION CONSTRUCTION BEGINS, AND NO ACCURATE AS-BUILD BE AVAILABLE, THE SLEEVE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING TO THE SITE AND EXCAVATING BOTH ENDS OF THE SLEEVES.

7. THE SLEEVE SHALL BE INSTALLED IN A STRAIGHT LINE WITH PROPOSED IRRIGATION PIPING, LEAVING NO OBSTRUCTION (I.E. UNDER DRAIN, FORCE MAIN, SEWER LINE, POWER CABLE, FOOTER, ETC.) AT EITHER END OF THE SLEEVE.

SLEEVE DETAIL

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	DATE	REVISIONS
	11/20/15	AS BUILTS
	03/21/16	RECORD DRAWINGS

DES: DC
DRN: JG
CKD: DC
DATE: 04-12

CITY of TAMPA
Department of Public Works

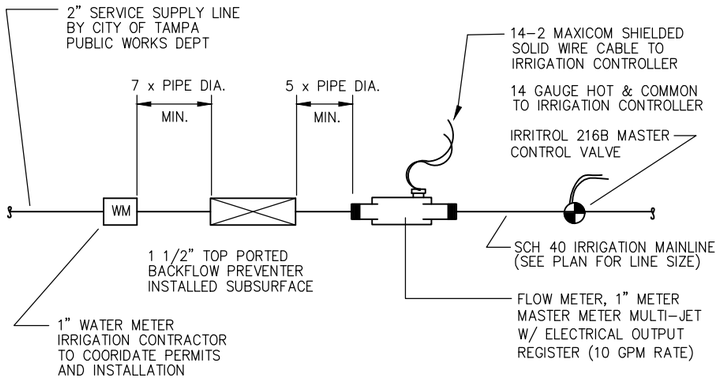
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION DETAILS

W.O.

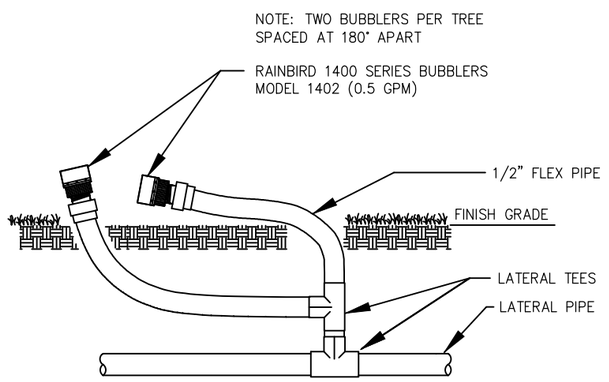
SHEET
LD-121



NOTE: ALL COMPONENTS TO BE INSTALLED PER LOCAL CODE AND MANUFACTURER RECOMMENDATIONS. ALL COMPONENTS TO BE INSTALLED IN SEPARATE PURPLE JUMBO VALVE BOXES.

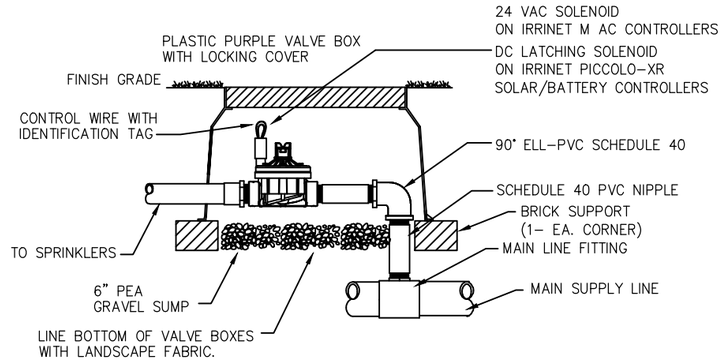
METER ASSEMBLY SCHEMATIC

NTS



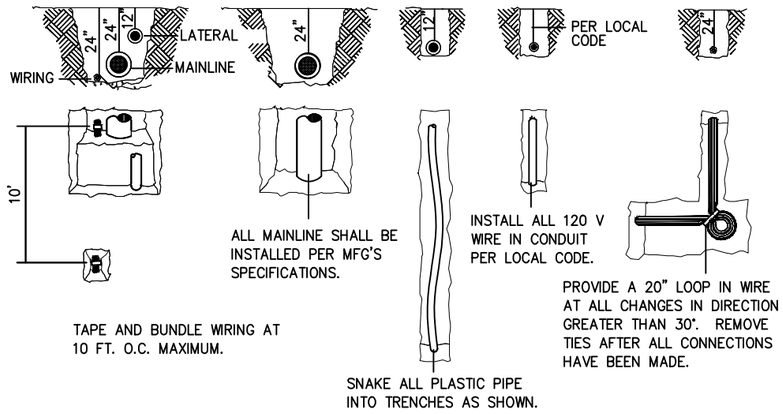
RAINBIRD 1400 SERIES BUBBLER

NTS



IRRITROL 200B SERIES CONTROL VALVE

NTS



TRENCH DETAIL

NTS

IRRIGATION ZONE DEMAND GALLONS PER MINUTE (GPM)	SUPPLY MANIFOLD PIPE SIZE END AND CENTER FEED	EXHAUST MANIFOLD PIPE SIZE W/END FEED SUPPLY LINE	EXHAUST MANIFOLD PIPE SIZE W/CENTER FEED SUPPLY LINE (TWO EXHAUST MANIFOLDS REQ'D)
0 – 6	3/4"	3/4"	3/4"
7 – 11	1"	1"	3/4"
12 – 26	1 1/2"	1 1/2"	1 1/2"
27– 42	2"	2"	1 1/2"

REFER TO EACH DRIPLINE IRRIGATION ZONE ON PLAN DRAWINGS FOR ZONE GPM

DRIPLINE SUPPLY AND EXHAUST MANIFOLD PIPE SIZE TABLE

	DATE	REVISIONS
	11/20/15	AS BUILTS
	03/21/16	RECORD DRAWINGS

DES: DC
DRN: JG
CKD: DC
DATE: 04-12

CITY of TAMPA
Department of Public Works

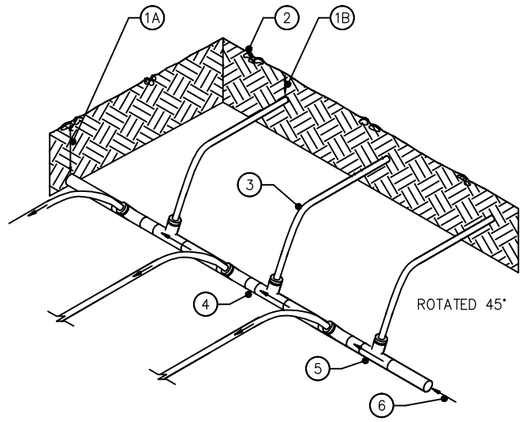
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DREW PARK PHASE 3
LOIS AVENUE RIGHT-OF-WAY IMPROVEMENTS

IRRIGATION DETAILS

W.O.

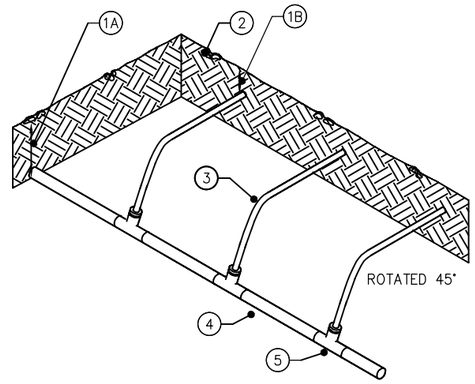
SHEET
LD-122



1A 5"–6"
1B LAID ON FINISH GRADE STAKED EVERY 3'
2 FINISHED GRADE
3 RAINBIRD DRIPLINE (TYP.)
4 PVC SUPPLY MANIFOLD
NOTE: REGARDING SIZE OF EXHAUST MANIFOLD (SEE TABLE)
5 PVC TEE TO RAINBIRD COMPRESSION ADAPTERS
6 FLOW FROM VALVE

CENTER FEED SUPPLY MANIFOLD

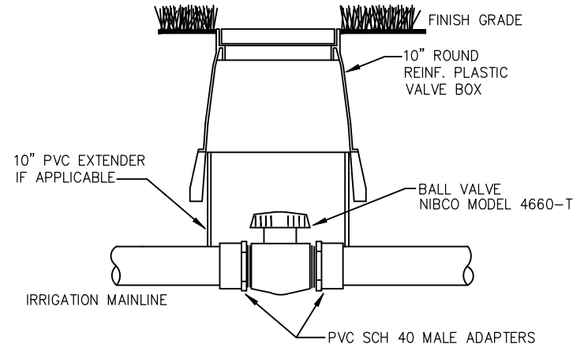
NTS



1A 5"–6"
1B LAID ON FINISH GRADE STAKED EVERY 3'
2 FINISHED GRADE
3 RAINBIRD DRIPLINE (TYP.)
4 PVC SUPPLY/ EXHAUST MANIFOLD
NOTE: REGARDING SIZE OF EXHAUST MANIFOLD (SEE TABLE)
5 PVC TEE TO 1/2" SLIP X .620" O.D. TUBING COMPRESSION ADAPTERS

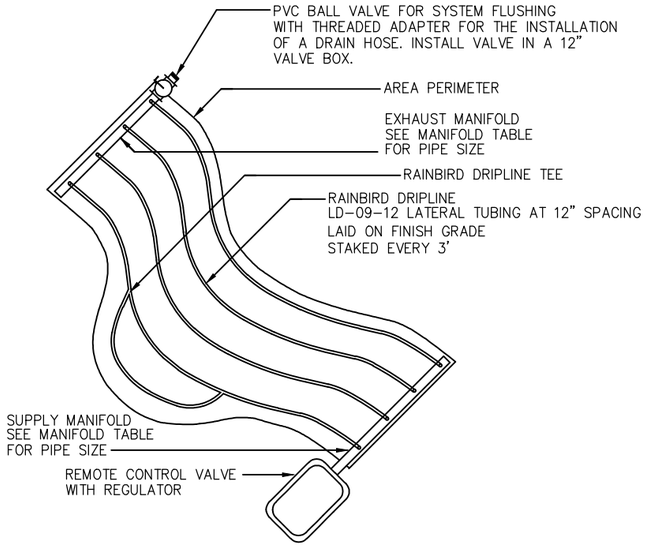
SUPPLY/EXHAUST MANIFOLD

NTS



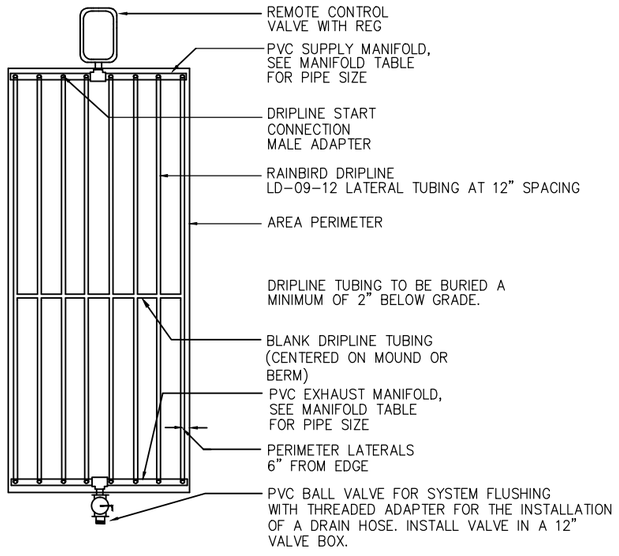
ISOLATION BALL VALVE

NTS



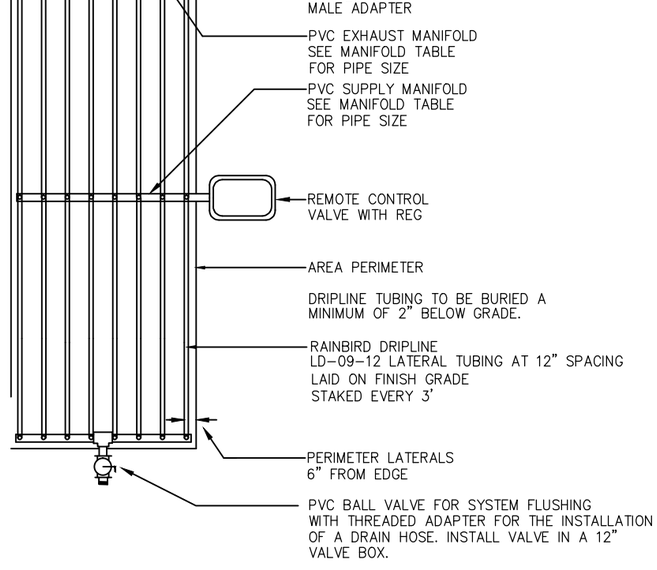
IRREGULAR AREAS: ODD CURVES

NTS



END FEED LAYOUT

NTS



CENTER FEED LAYOUT

NTS

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IRRIGATION DETAILS

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SHEET
LD-123