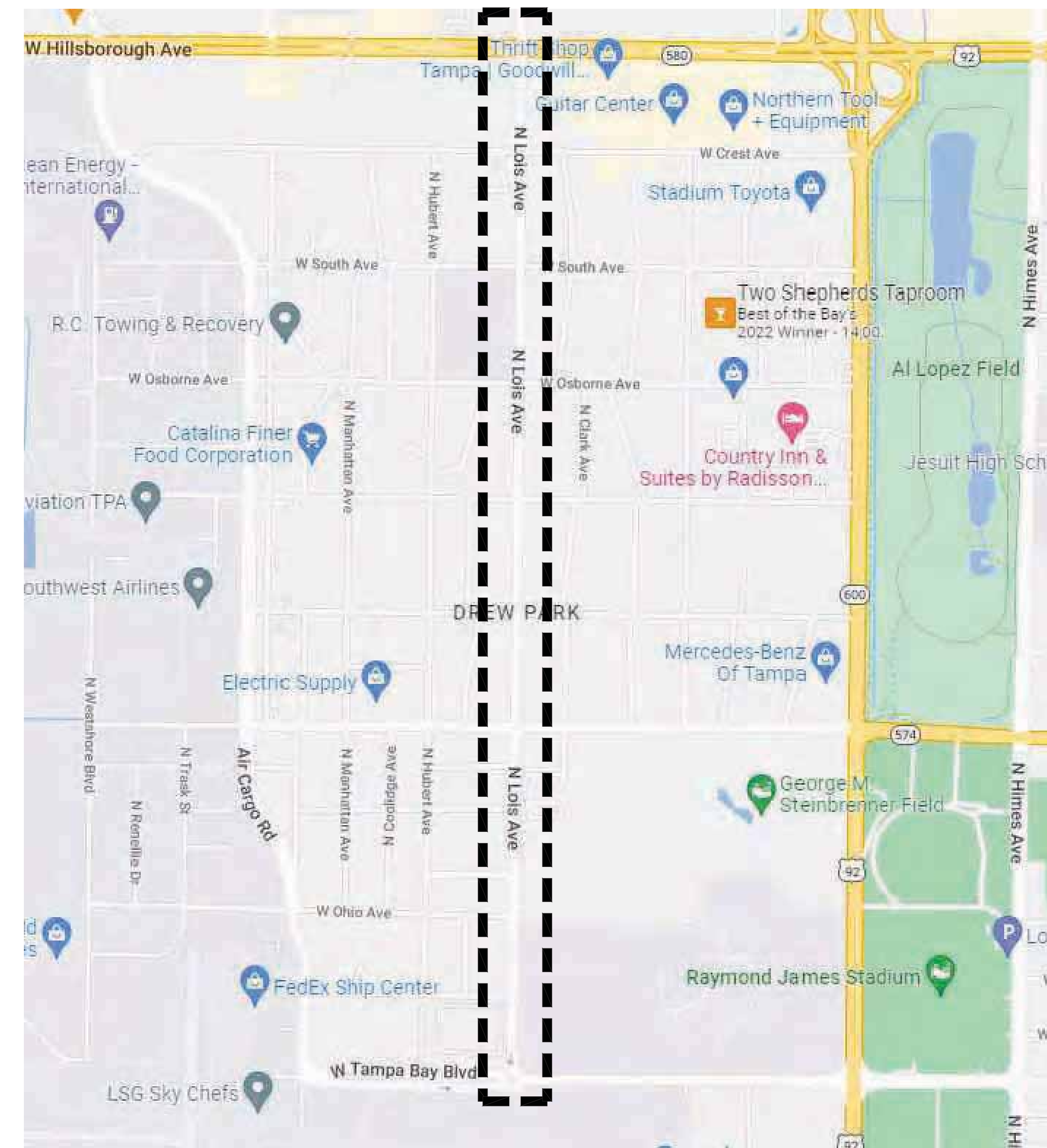


DREW PARK - LOIS AVENUE LANDSCAPE AND STREETScape AUDIT AND RECOMMENDATIONS

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 Disposition Tables
 2. Irrigation As-Built Plans

ABBREVIATIONS

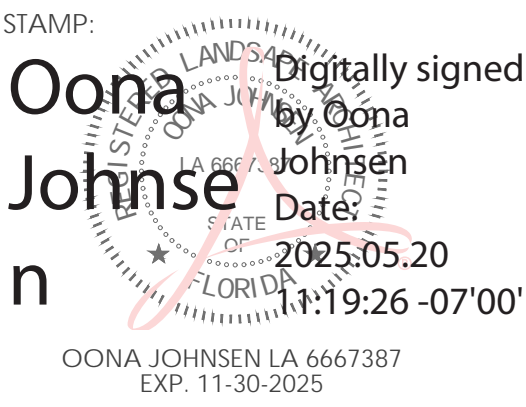
ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
APPROX	APPROXIMATELY	HB	HOSE BIB	S	SOUTH
BOT	BOTTOM	HOB	HEADERBOARD	S.A.D.	SEE ARCHITECTS DRAWINGS
BW	BOTTOM OF WALL	HORIZ.	HORIZONTAL	SF	SQUARE FEET
C.I.P.	CAST IN PLACE	HP	HIGH POINT	SPEC	SPECIFICATIONS
C.L.	CENTERLINE	LA	LANDSCAPE ARCHITECT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

GENERAL NOTES

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

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

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



CONSULTANTS:



REVISION: DATE:

PROJECT NAME:
 Drew Park
 Lois Ave & Grady Ave
 Landscape and
 Streetscape Audit and
 Recommendations
 22-D-20701
 OWNER:
 City of Tampa - Drew Park CRA
 ISSUANCE:
 CONSTRUCTION DOCUMENTS
 FOR REVIEW

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

SHEET NAME & NUMBER:
 N Lois Ave.
 Cover Sheet

L-100.L

STAMP:



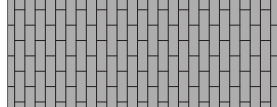
CONSULTANTS:


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.

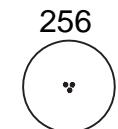
 Areas of proposed pervious pavers. These area to be cleared and grubbed. Refer to Construction Plan and Details.

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

 Clear & Grub existing planting areas. Preserve existing 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).

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



REVISION: _____ DATE: _____

PROJECT NAME:
 Drew Park
 Lois Ave & Grady Ave
 Landscape and
 Streetscape Audit and
 Recommendations
 22-D-20701

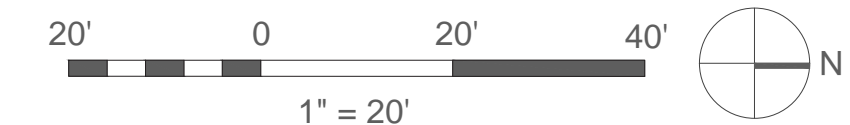
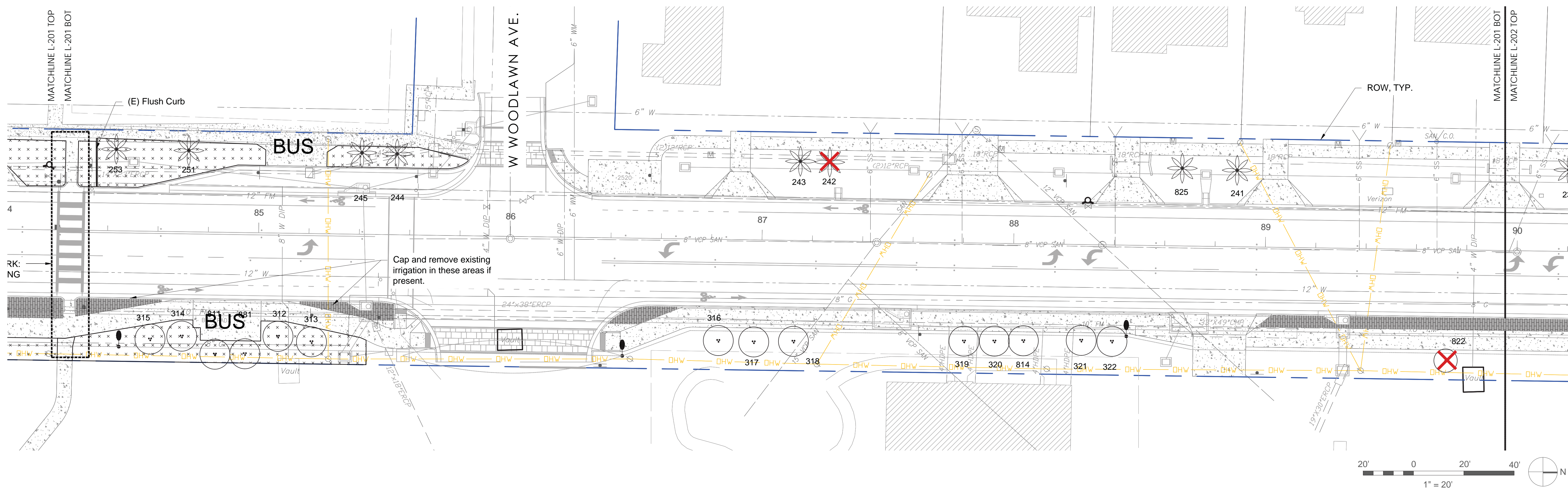
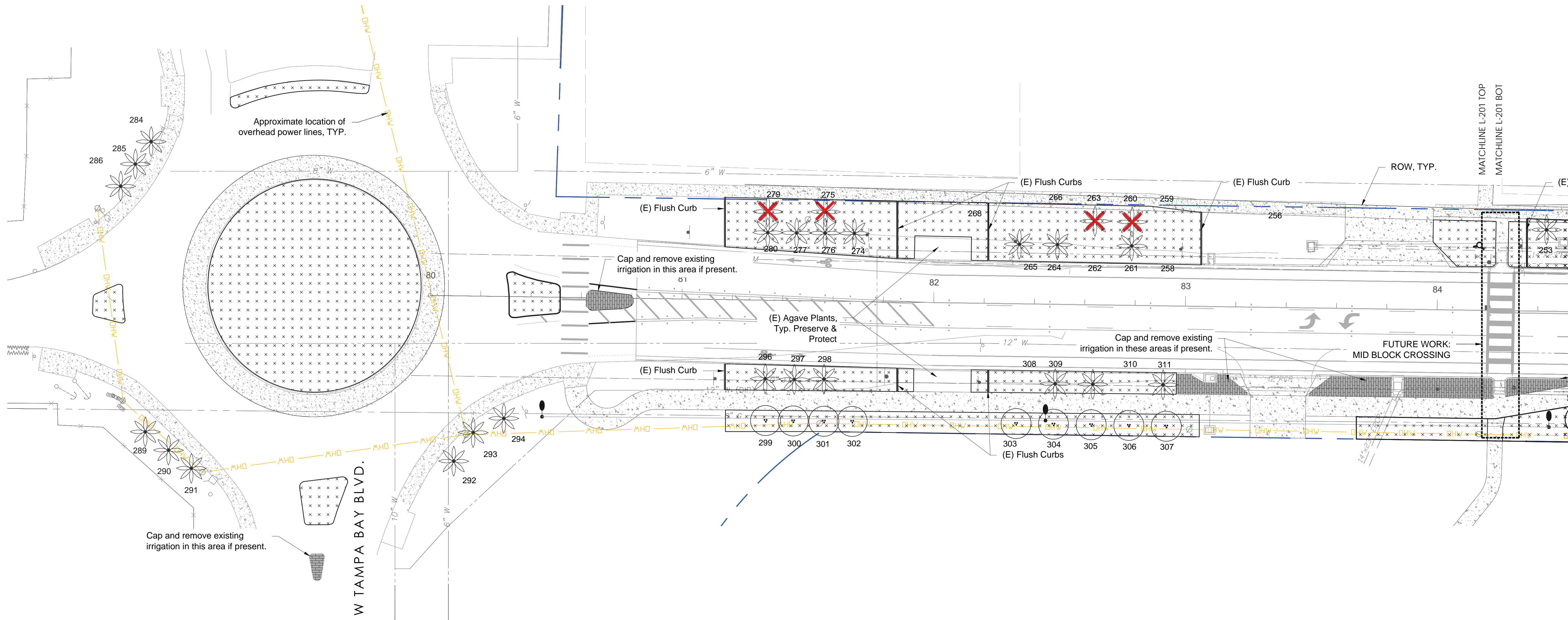
OWNER:
 City of Tampa - Drew Park CRA

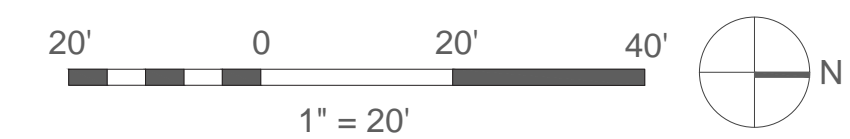
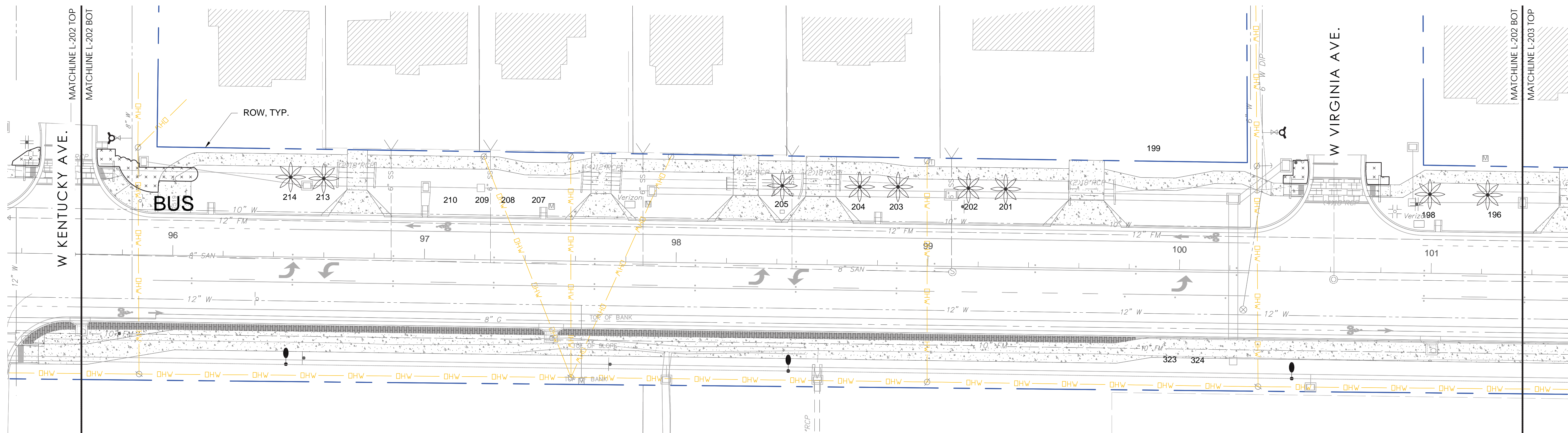
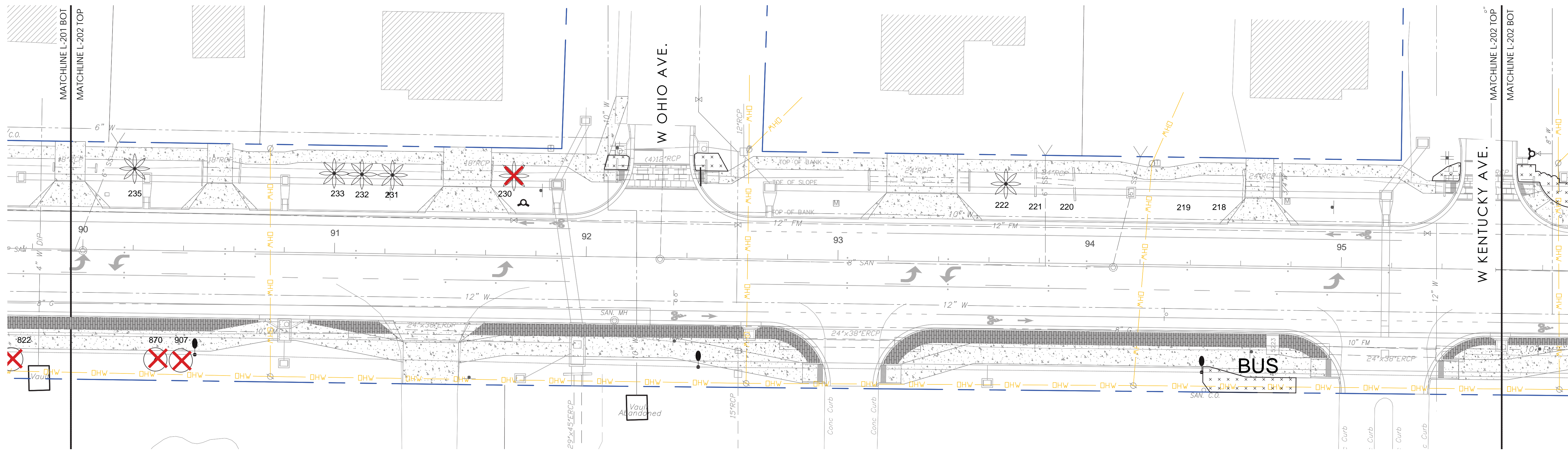
ISSUANCE:
 CONSTRUCTION DOCUMENTS
 FOR REVIEW

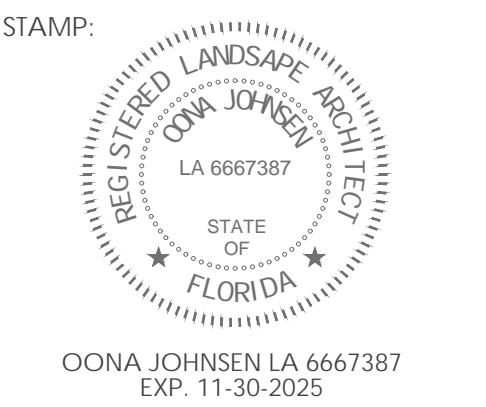
DATE: MAY 20, 2025
 DRAWN BY: OJ
 CHECKED BY: TM
 PROJECT #: 14.22

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

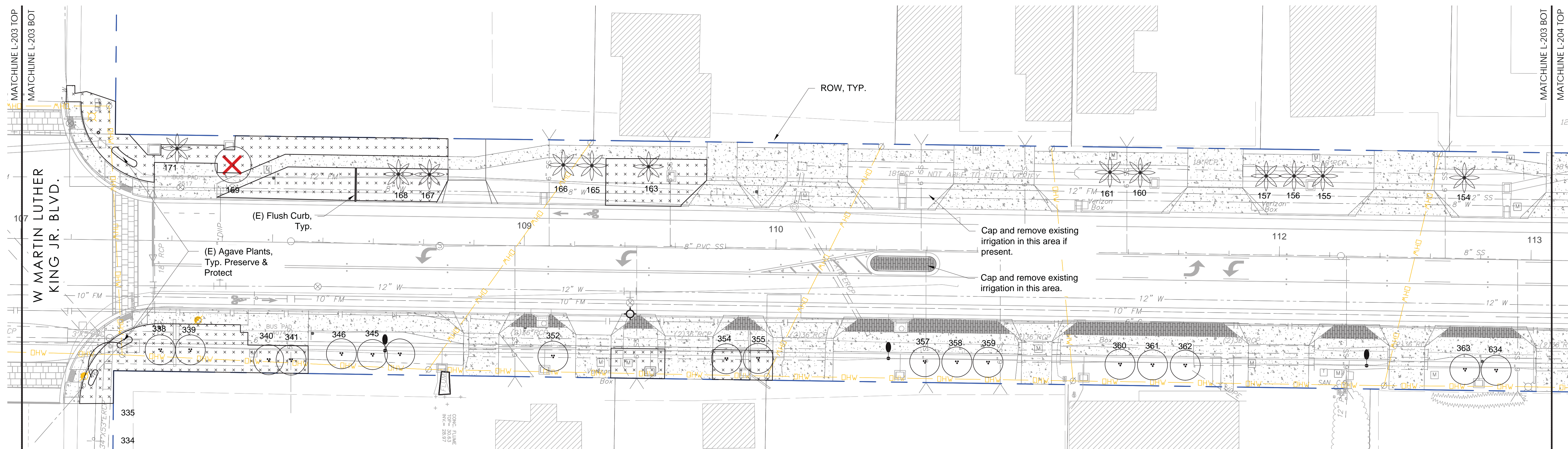
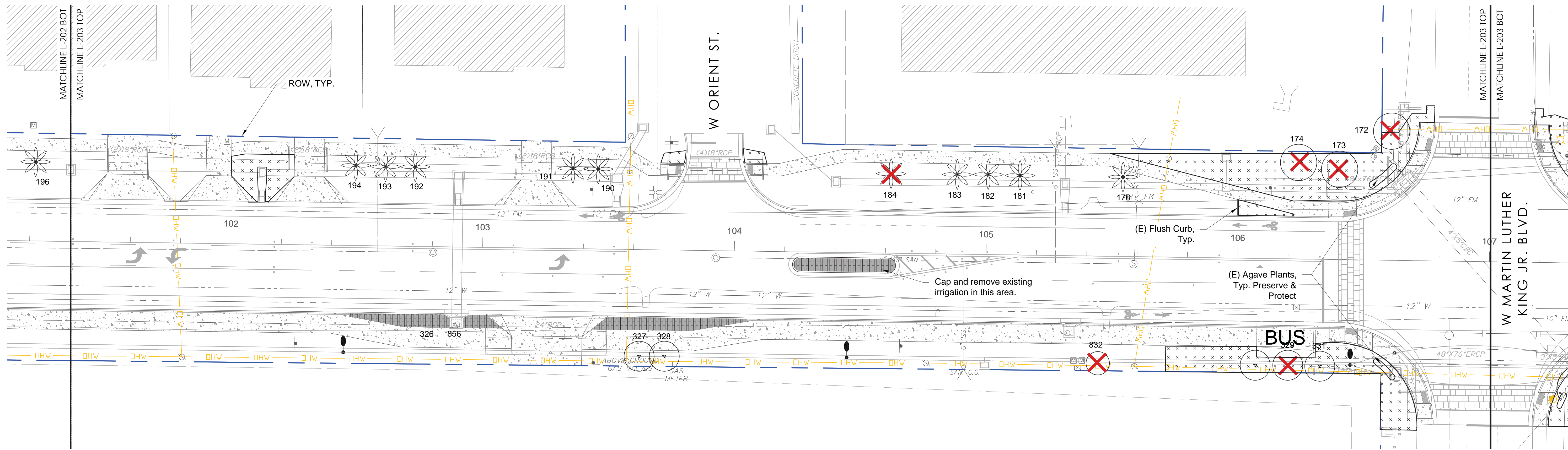
L-200.L







CONSULTANTS:



REVISION: DATE:

PROJECT NAME:
 Drew Park
 Lois Ave & Grady Ave
 Landscape and
 Streetscape Audit and
 Recommendations
 22-D-20701

OWNER:
 City of Tampa - Drew Park CRA

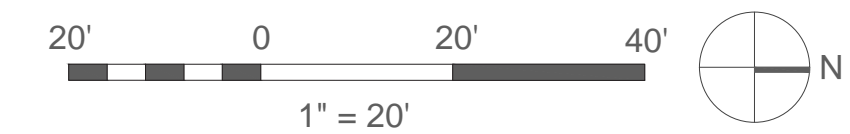
ISSUANCE:
 CONSTRUCTION DOCUMENTS
 FOR REVIEW

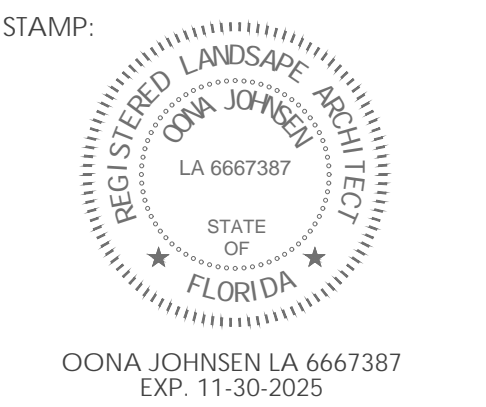
DATE: MAY 20, 2025
 DRAWN BY: OJ
 CHECKED BY: TM
 PROJECT #: 14.22

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

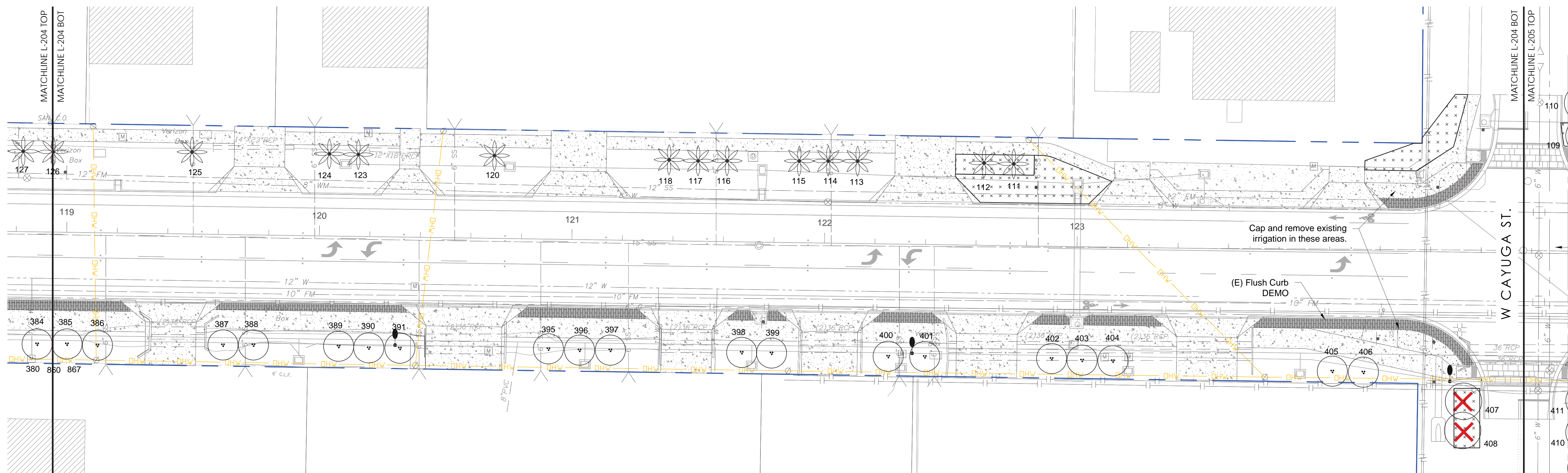
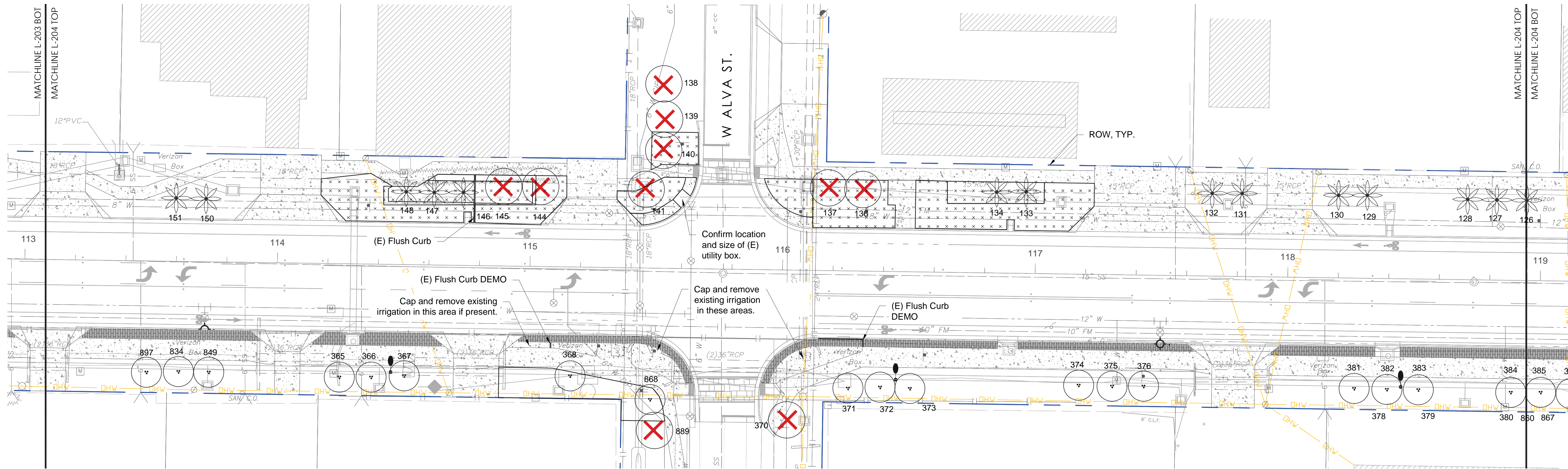
L-203.L

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





CONSULTANTS:



REVISION: DATE:

PROJECT NAME:
 Drew Park
 Lois Ave & Grady Ave
 Landscape and
 Streetscape Audit and
 Recommendations
 22-D-20701

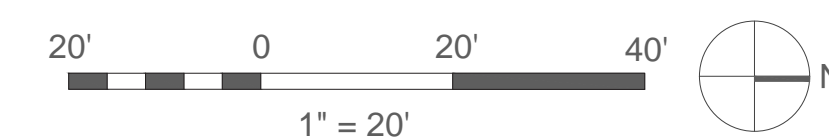
OWNER:
 City of Tampa - Drew Park CRA

ISSUANCE:
 CONSTRUCTION DOCUMENTS
 FOR REVIEW

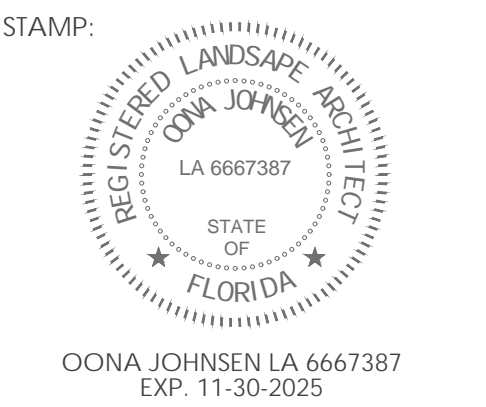
DATE: MAY 20, 2025
 DRAWN BY: OJ
 CHECKED BY: TM
 PROJECT #: 14.22

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

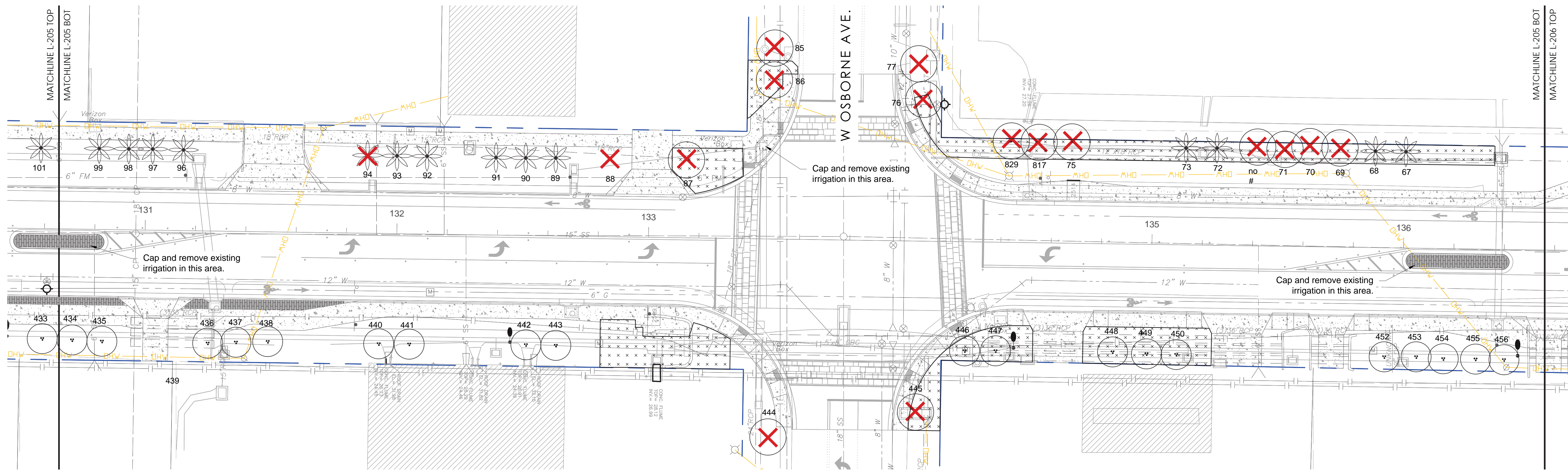
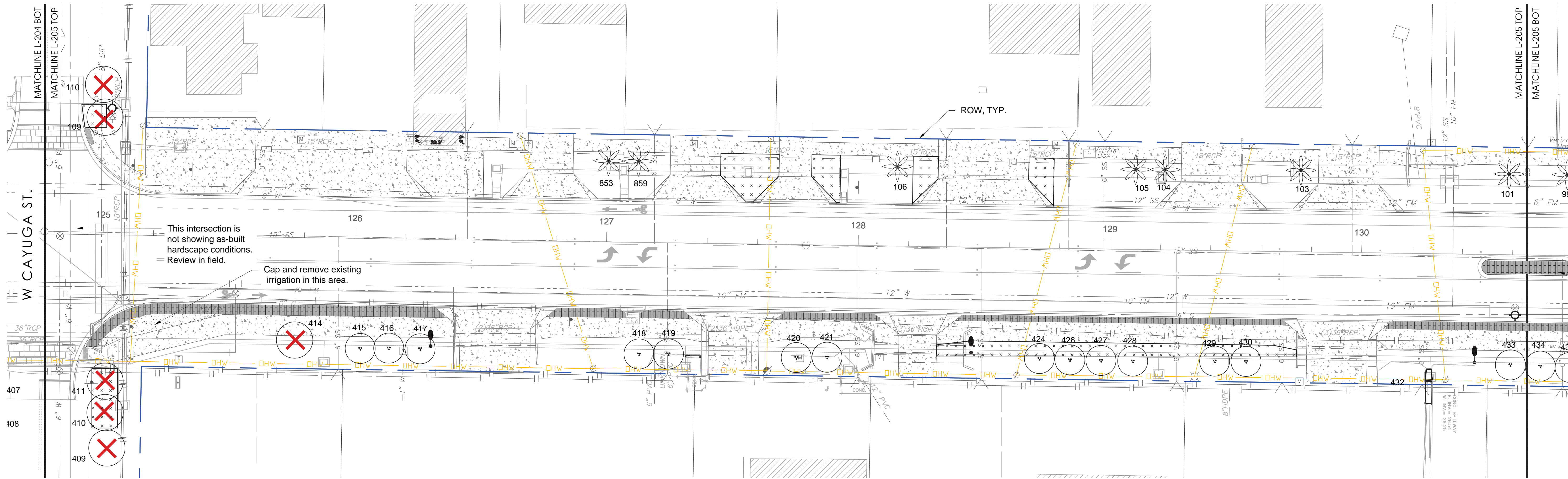
L-204.L



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



CONSULTANTS:



REVISION: DATE:

PROJECT NAME:
 Drew Park
 Lois Ave & Grady Ave
 Landscape and
 Streetscape Audit and
 Recommendations
 22-D-20701

OWNER:
 City of Tampa - Drew Park CRA

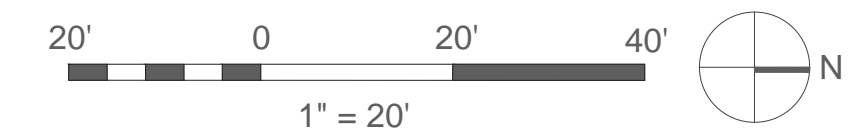
ISSUANCE:
 CONSTRUCTION DOCUMENTS
 FOR REVIEW

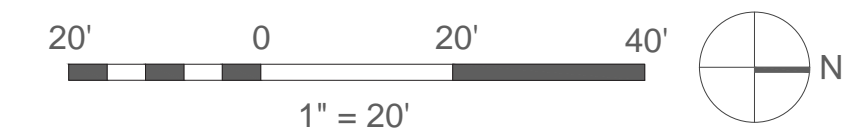
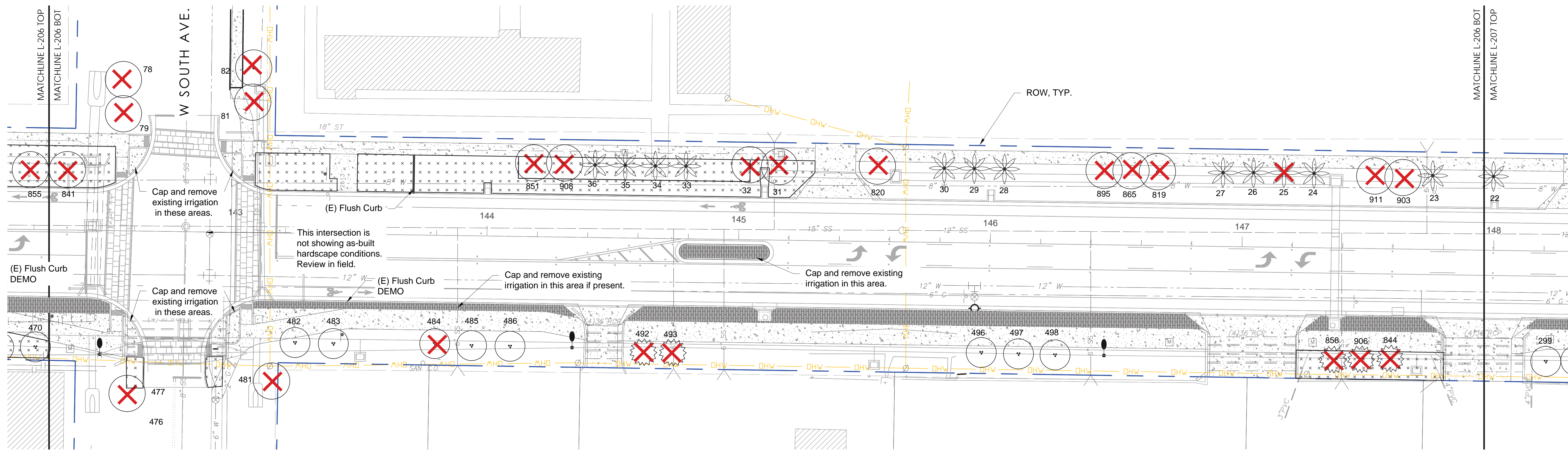
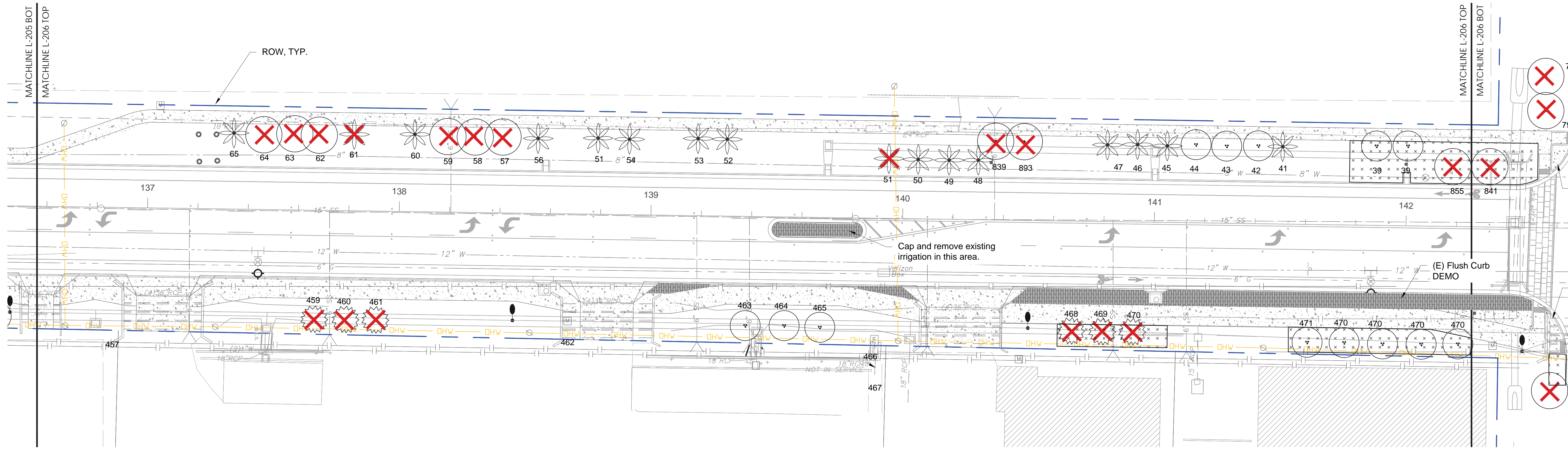
DATE: MAY 20, 2025
 DRAWN BY: OJ
 CHECKED BY: TM
 PROJECT #: 14.22

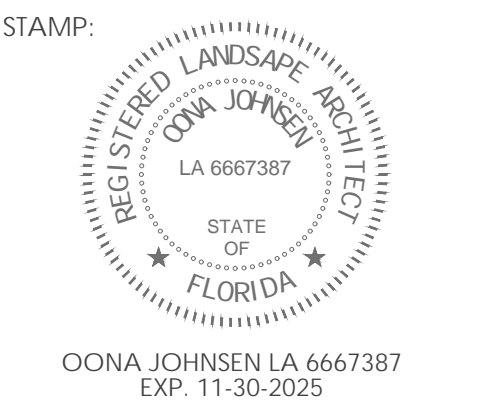
SHEET NAME & NUMBER:
 N Lois Ave.
 Demo & Tree
 Removal Plan

L-205.L

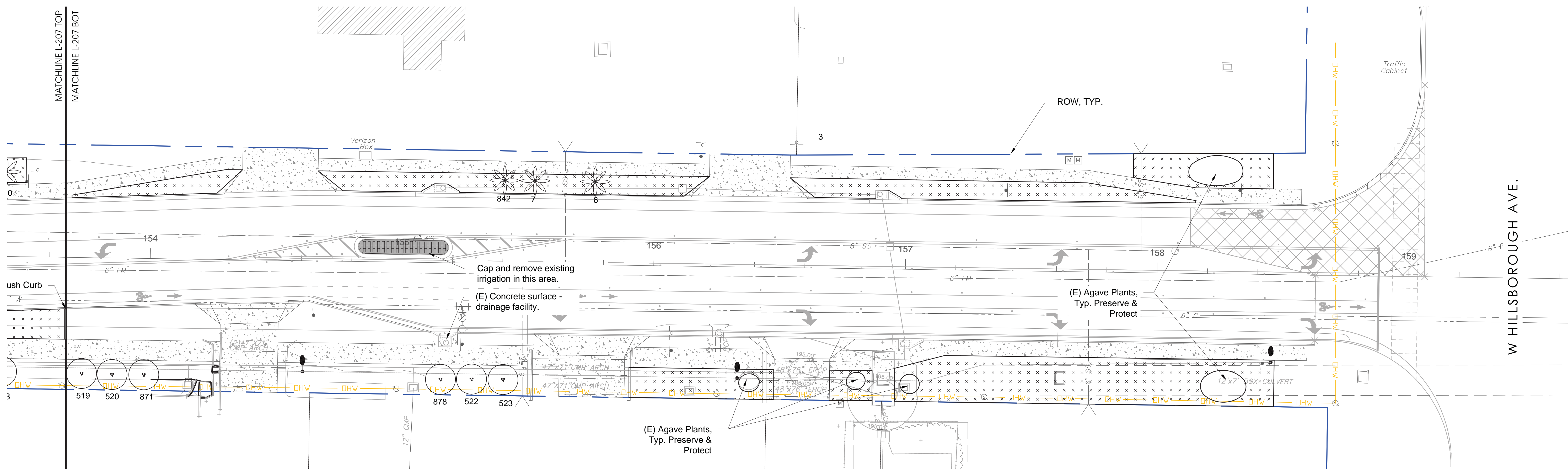
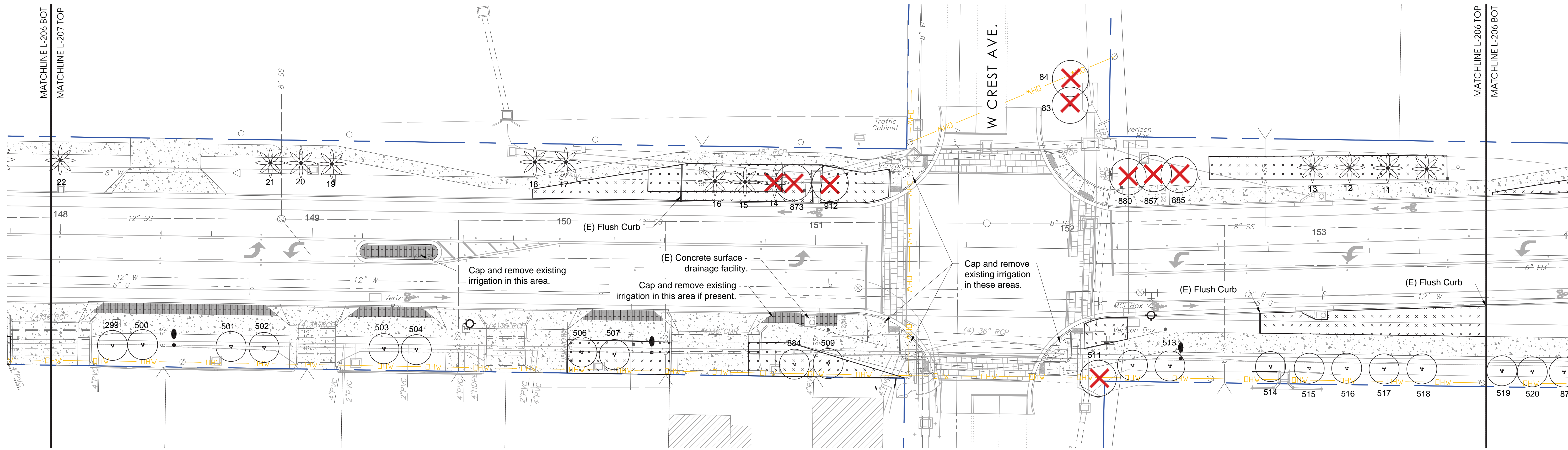
If drawing is not 24"x36", it is reduced.







CONSULTANTS:



REVISION: _____ DATE: _____

PROJECT NAME:
 Drew Park
 Lois Ave & Grady Ave
 Landscape and
 Streetscape Audit and
 Recommendations
 22-D-20701

OWNER:
 City of Tampa - Drew Park CRA

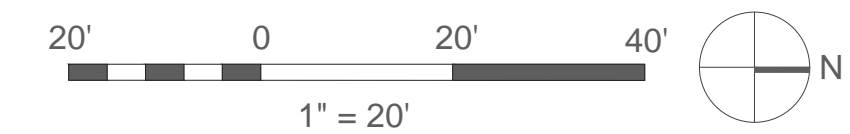
ISSUANCE:
 CONSTRUCTION DOCUMENTS
 FOR REVIEW

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

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

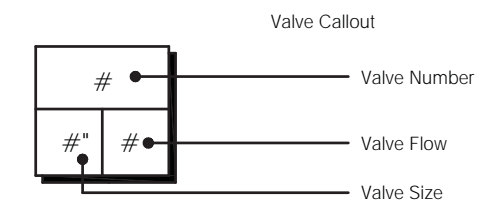
L-207.L

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



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	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.	22	30
	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.	90	30
	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.	71	30
	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.	67	30
	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.	31	30
	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.	28	30
	RAIN BIRD 1812-U SO SERIES SHRUB SPRAY, 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET.	3	30
	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.	105	30
	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.	349	30
	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.	83	30
	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
	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
	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.	175	30
	RAIN BIRD 1800-1400 FLOOD FIXED FLOW RATE 0.25 GPM - 2.0 GPM, FULL CIRCLE BUBBLER, 1/2IN. FIPT.	348	20
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21	12,428 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

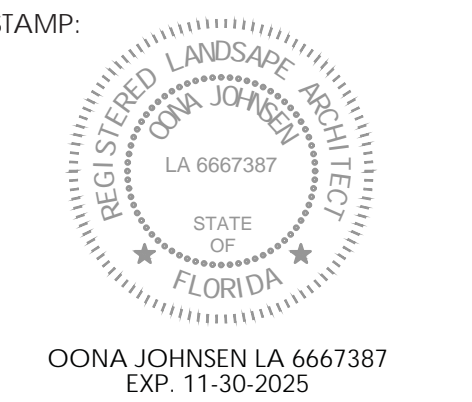
- THIS IS AN EXISTING SYSTEM UTILIZING POTABLE WATER THAT WILL BE RETROFITTED TO MATCH THE PROPOSED LANDSCAPED AREAS.
- THESE PLANS ARE DEVELOPED IN ACCORDANCE WITH THE AS-BUILT PLANS DATED NOVEMBER 20TH, 2015 AND WERE PROVIDED BY THE CITY OF TAMPA DEPARTMENT OF PUBLIC WORKS.
- ALL LANDSCAPED AREAS WILL RECEIVE 100% COVERAGE BY THE EXISTING AUTOMATIC IRRIGATION SYSTEM. HIGH END ROBUST IRRIGATION EQUIPMENT WILL BE USED TO PREVENT AND DETER VANDALISM.
- 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.
- WHEN PROPOSED PAVING IS REPLACING EXISTING IRRIGATED AREAS, PROVIDE LABOR AND MATERIALS TO CAP AND REMOVE ALL IRRIGATION PRIOR TO PAVING.
- 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.
- 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.
- 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.
- OPERATE ALL EXISTING ZONES TO REMAIN TO DETERMINE THE DEFECTIVE EQUIPMENT INCLUDING HEADS, BUBBLERS, LATERALS, MAINLINE AND CONTROL VALVES THAT IS TO BE 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.
- 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.
- 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.
- THERE ARE FOUR EXISTING IRRIGATION SYSTEMS IN THIS PROJECT. ALL POINT OF CONNECTIONS AND CONTROLLERS ARE TO BE PRESERVED IN PLACE THROUGHOUT CONSTRUCTION.
- 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.
- 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.
- SHRUB & GROUND COVER IRRIGATION: ALL SHRUBS AND GROUND COVER WILL BE IRRIGATED BY 12" POP-UP SPRAY HEADS.
- 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.
- 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

- 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.
- 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.
- ALL EXISTING AND PROPOSED IRRIGATION MAINLINE AND LATERAL LINES ARE TO NOT EXCEED A VELOCITY OF 5FPS.
- 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.
- 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.
- 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.
- 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.
- 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.
- 100% HEAD TO HEAD COVERAGE IS REQUIRED. ASSURE THAT ANY MODIFIED SPACING DOES NOT EXCEED THE SPACING SHOWN IN THE PLANS.
- IRRIGATION CONTRACTOR SHALL ADJUST ALL SPRINKLERS TO AVOID OVER SPRAY ONTO IMPERVIOUS AREAS.
- 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.
- THE LOCATION OF THE EXISTING IRRIGATION MAINLINE SHALL BE IDENTIFIED IN THE FIELD AND APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE INSTALLATION.
- CONTRACTOR IS TO SUBMIT PRODUCT SPECIFICATION SHEETS FOR ALL IRRIGATION EQUIPMENT TO BE USED FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 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.
- ALL TRENCHES SHALL BE BACKFILLED WITH CLEAN DEBRIS-FREE MATERIALS.
- IRRIGATION CONTRACTOR IS TO INSTALL CHRISTY ZONE TAGS WITH THE CORRESPONDING CONTROLLER ZONE NUMBER AT EACH CONTROL VALVE.
- 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.
- IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF ON-SITE OPERATIONS.
- 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.
- 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.
- ALL SLEEVES ARE TO BE TWO TIMES THE SIZE OF THE PIPE.
- 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.
- THE IRRIGATION SYSTEM IS TO BE INSPECTED AND APPROVED BY THE PROJECT OWNER PRIOR TO RECEIVING CERTIFICATION.
- ANY PRODUCT SUBSTITUTIONS MADE BY THE IRRIGATION CONTRACTOR ARE TO BE REVIEWED AND APPROVED BY THE OWNER PRIOR TO INSTALLATION.
- 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.



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



REVISION: _____ DATE: _____

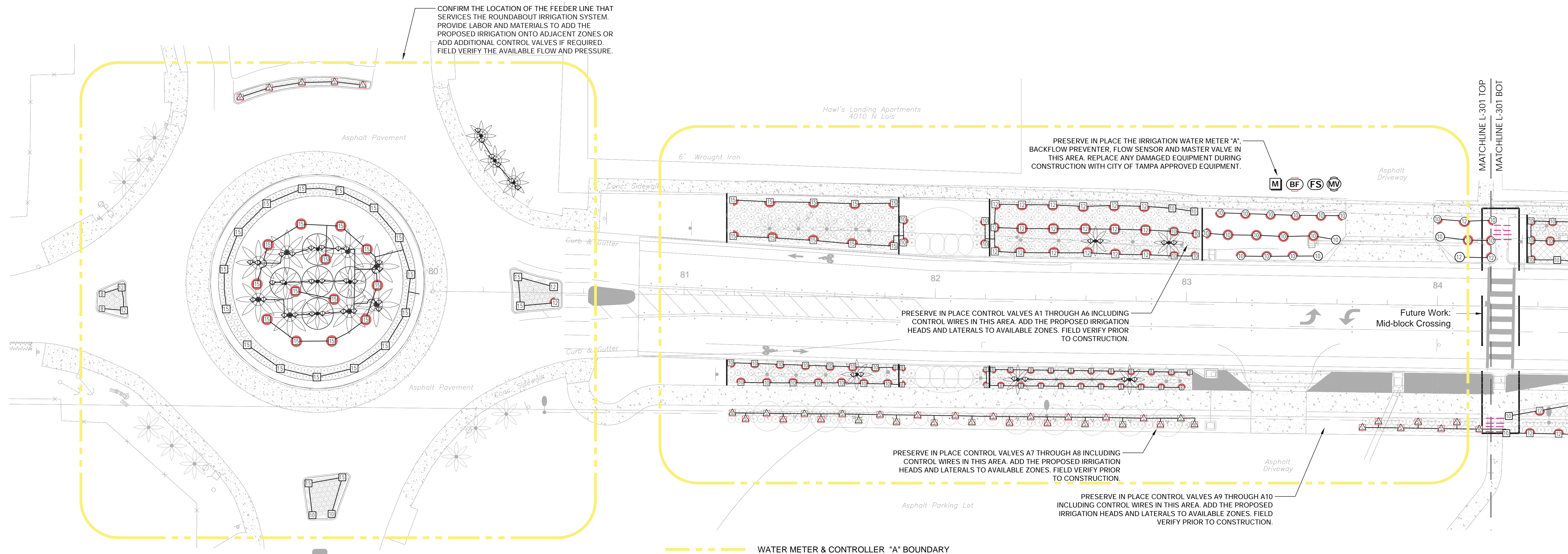
PROJECT NAME:
Drew Park
Lois Ave & Grady Ave
Landscape and
Streetscape Audit and
Recommendations
22-D-20701
OWNER:
City of Tampa . Drew Park CRA
ISSUANCE:
100% CD - FOR CITY REVIEW
NOT FOR CONSTRUCTION

DATE: DEC 01, 2023
DRAWN BY: IDS
CHECKED BY: TM
PROJECT #: 14.22

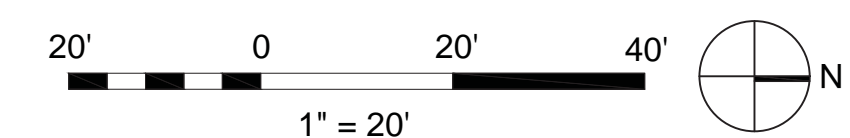
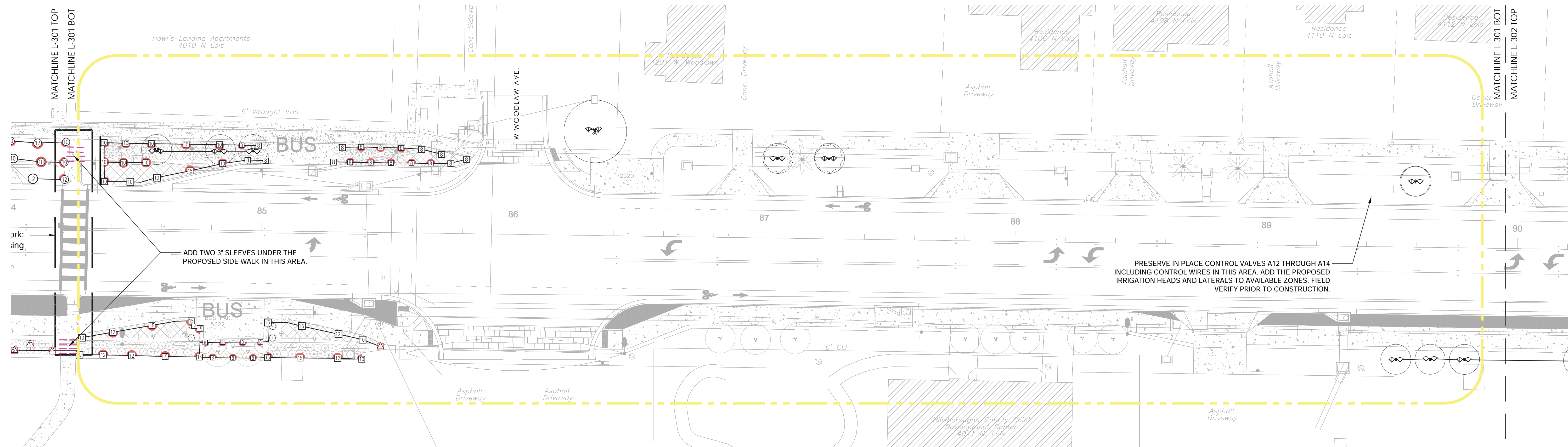
SHEET NAME & NUMBER:
N Lois Ave. Shrub
Irrigation Notes &
Schedules

L-300.L

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



WATER METER & CONTROLLER "A" BOUNDARY

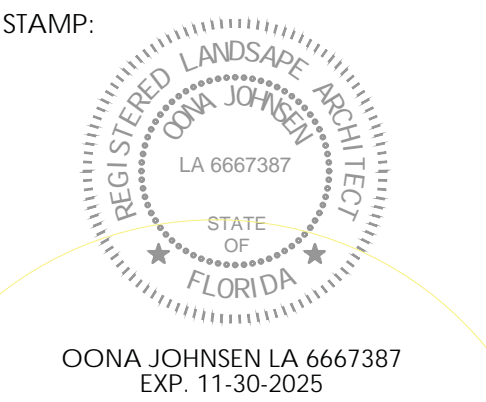


REVISION: _____ DATE: _____

PROJECT NAME:
 Drew Park
 Lois Ave & Grady Ave
 Landscape and
 Streetscape Audit and
 Recommendations
 22-D-20701
 OWNER:
 City of Tampa - Drew Park CRA
 ISSUANCE:
 100% CD - FOR CITY REVIEW
 NOT FOR CONSTRUCTION
 DATE: DEC 01, 2023
 DRAWN BY: IDS
 CHECKED BY: TM
 PROJECT #: 14.22
 SHEET NAME & NUMBER:

N Lois Ave.
 Irrigation
 Retrofits

L-301.L



REVISION: _____ DATE: _____

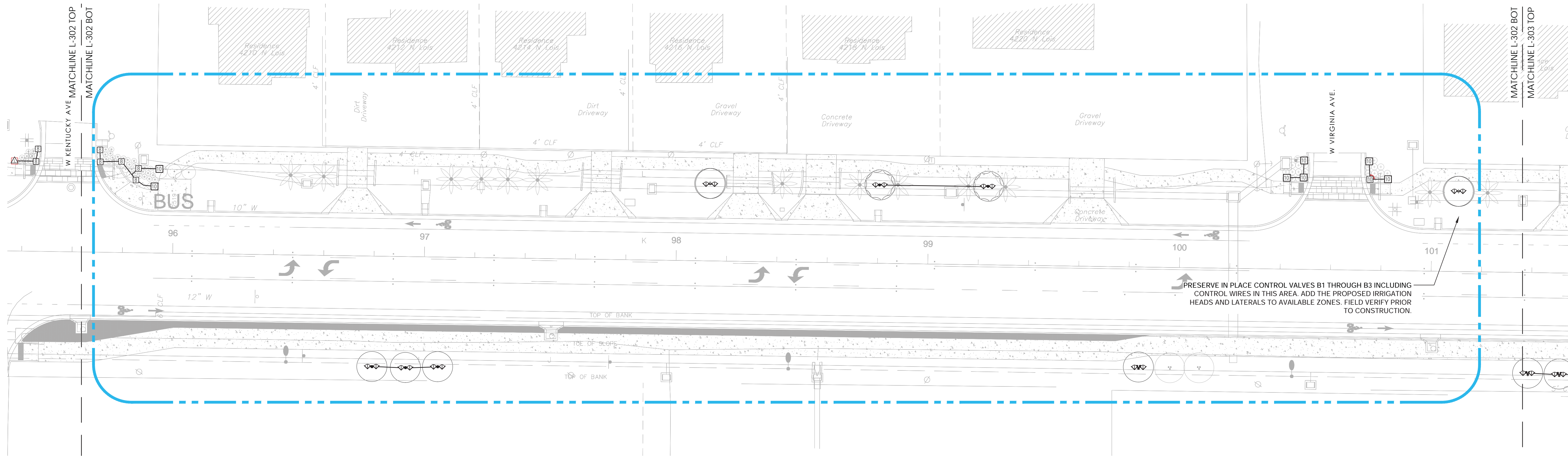
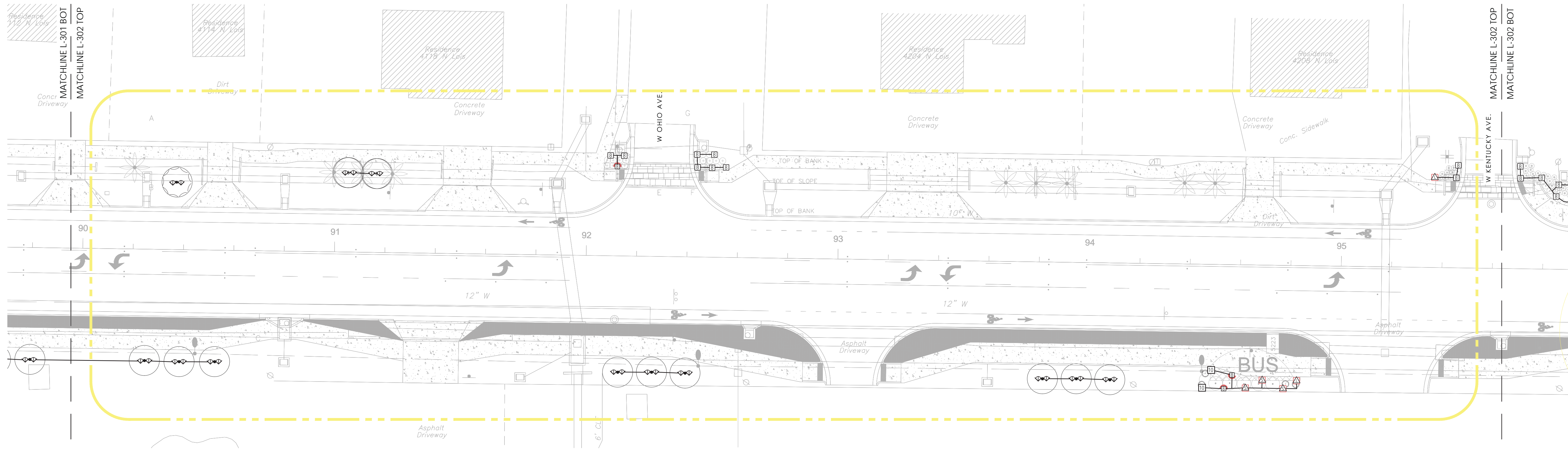
PROJECT NAME:
 Drew Park
 Lois Ave & Grady Ave
 Landscape and
 Streetscape Audit and
 Recommendations
 22-D-20701
 OWNER:
 City of Tampa - Drew Park CRA
 ISSUANCE:
 100% CD - FOR CITY REVIEW
 NOT FOR CONSTRUCTION

DATE: DEC 01, 2023
 DRAWN BY: IDS
 CHECKED BY: TM
 PROJECT #: 14.22

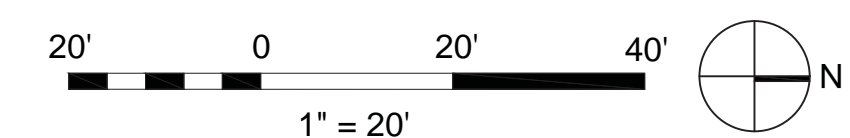
SHEET NAME & NUMBER:
 N Lois Ave.
 Irrigation
 Retrofits

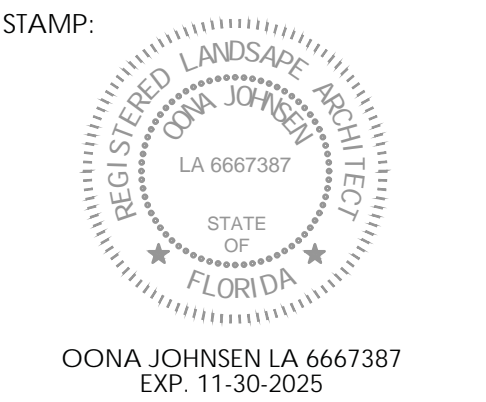
L-302.L

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



--- WATER METER & CONTROLLER "C" BOUNDARY



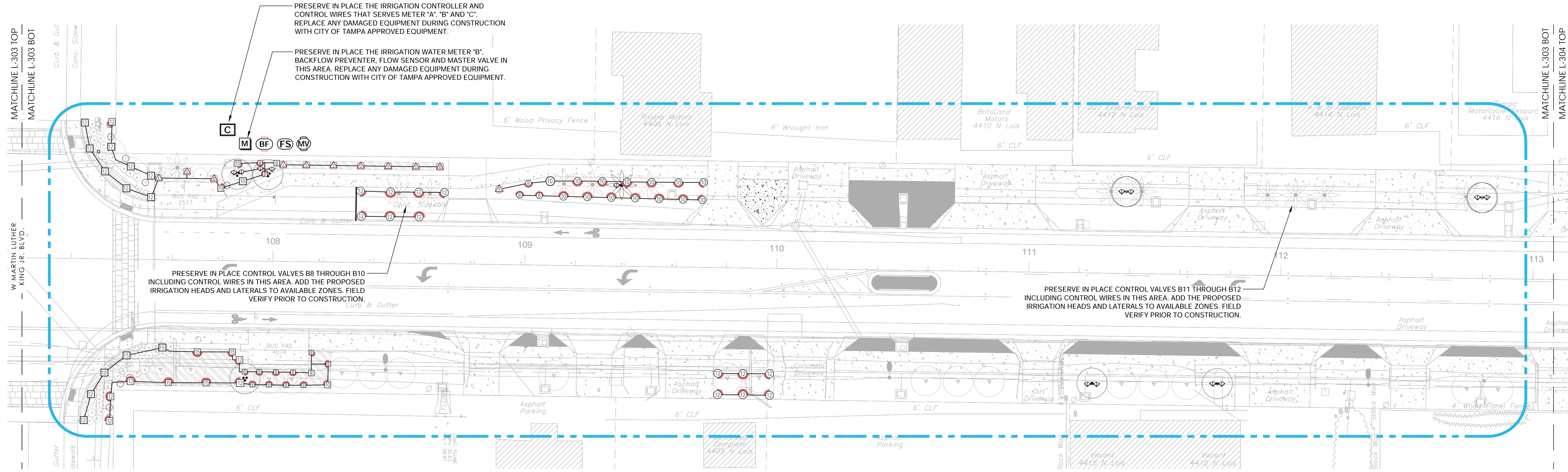
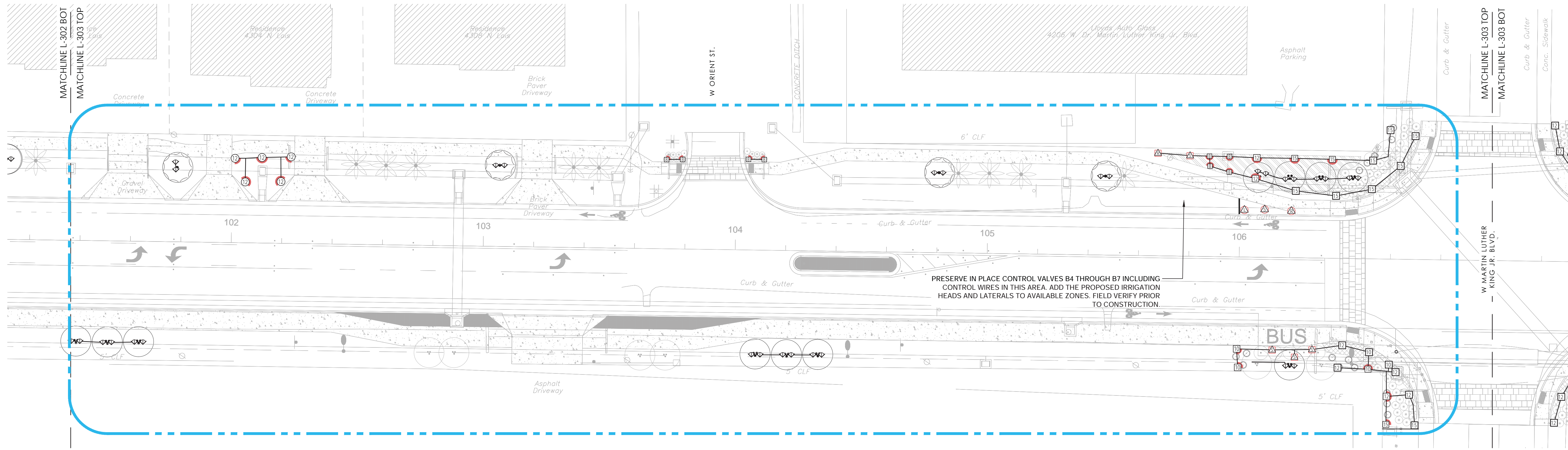


REVISION: _____ DATE: _____

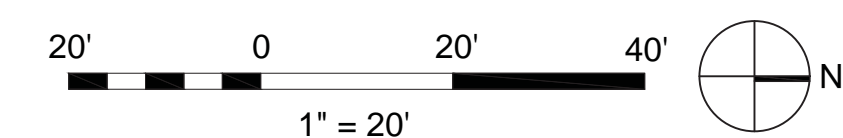
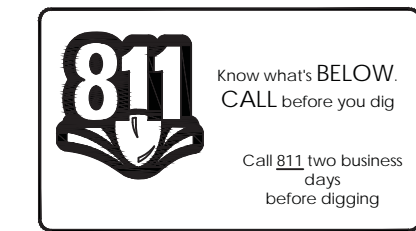
PROJECT NAME:
 Drew Park
 Lois Ave & Grady Ave
 Landscape and
 Streetscape Audit and
 Recommendations
 22-D-20701
 OWNER:
 City of Tampa - Drew Park CRA
 ISSUANCE:
 100% CD - FOR CITY REVIEW
 NOT FOR CONSTRUCTION
 DATE: DEC 01, 2023
 DRAWN BY: IDS
 CHECKED BY: TM
 PROJECT #: 14.22
 SHEET NAME & NUMBER:

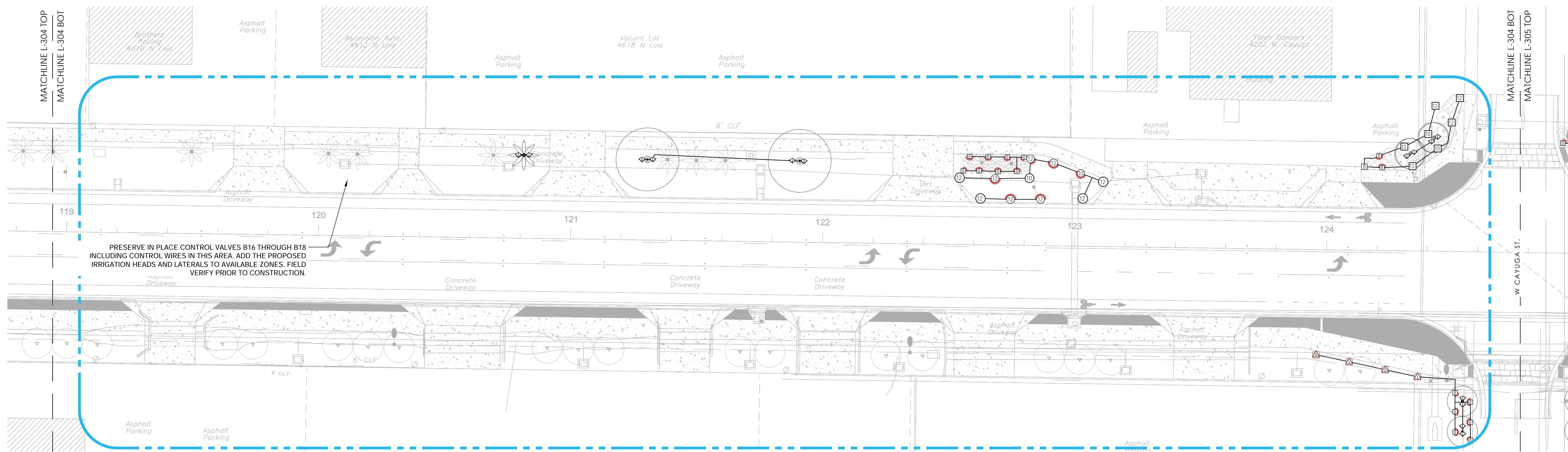
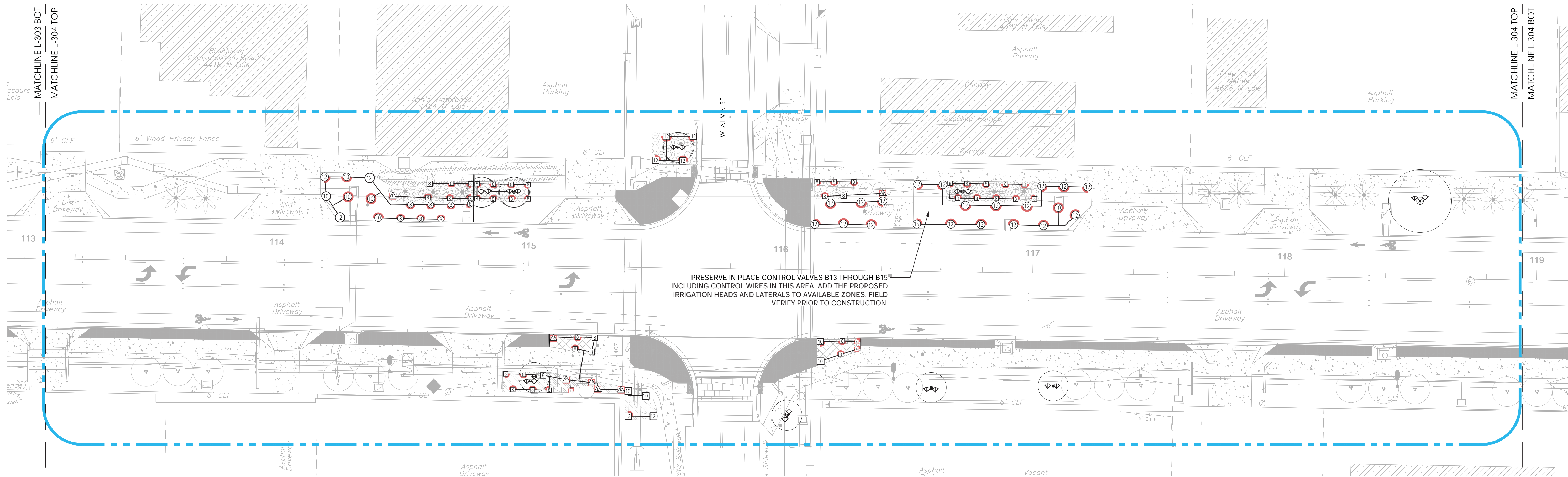
N Lois Ave.
 Irrigation
 Retrofits
L-303.L

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

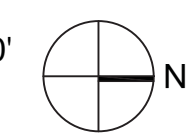
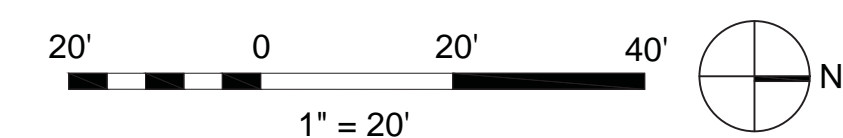


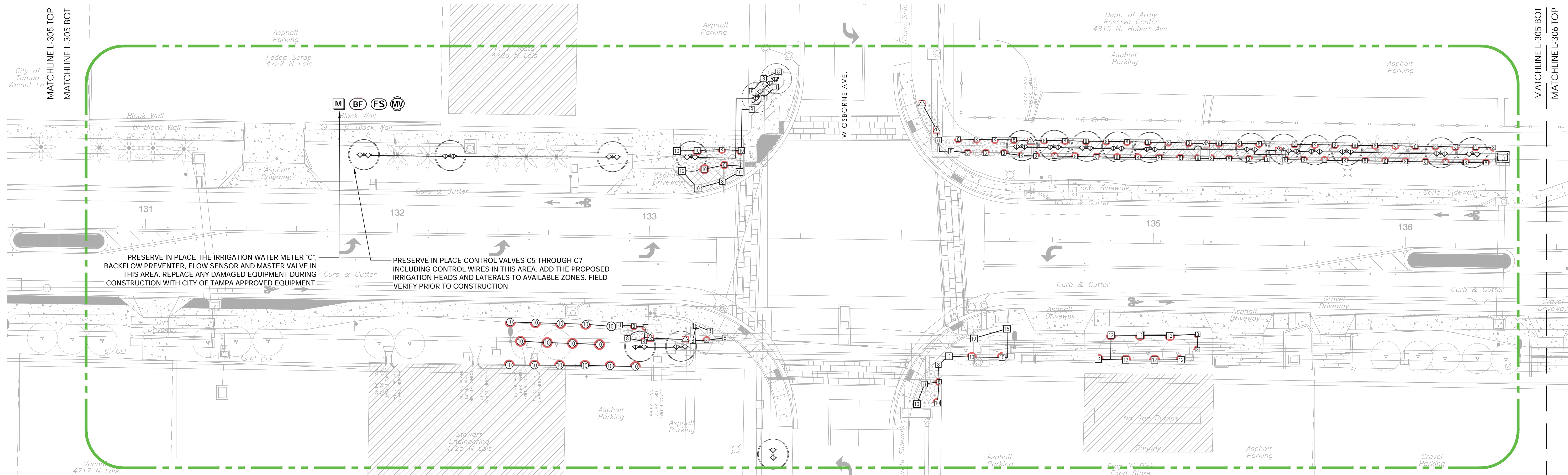
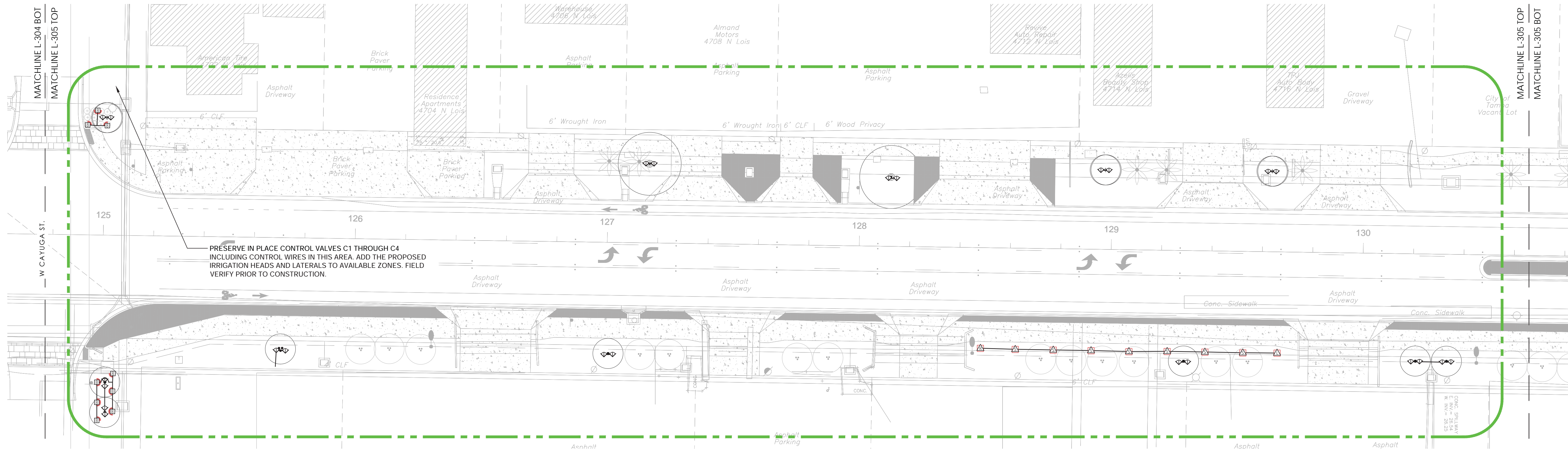
--- WATER METER & CONTROLLER "B" BOUNDARY



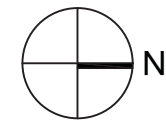
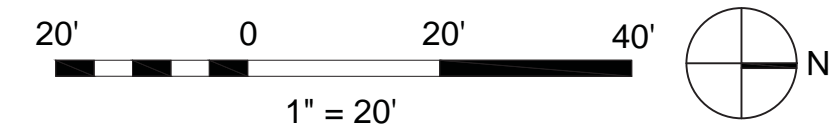


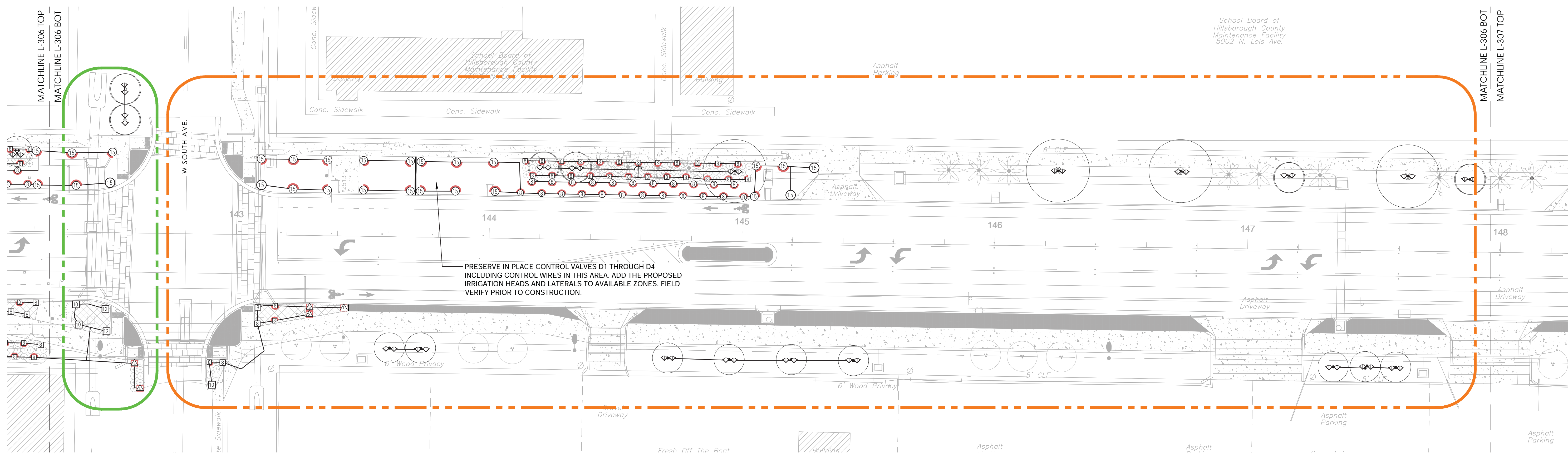
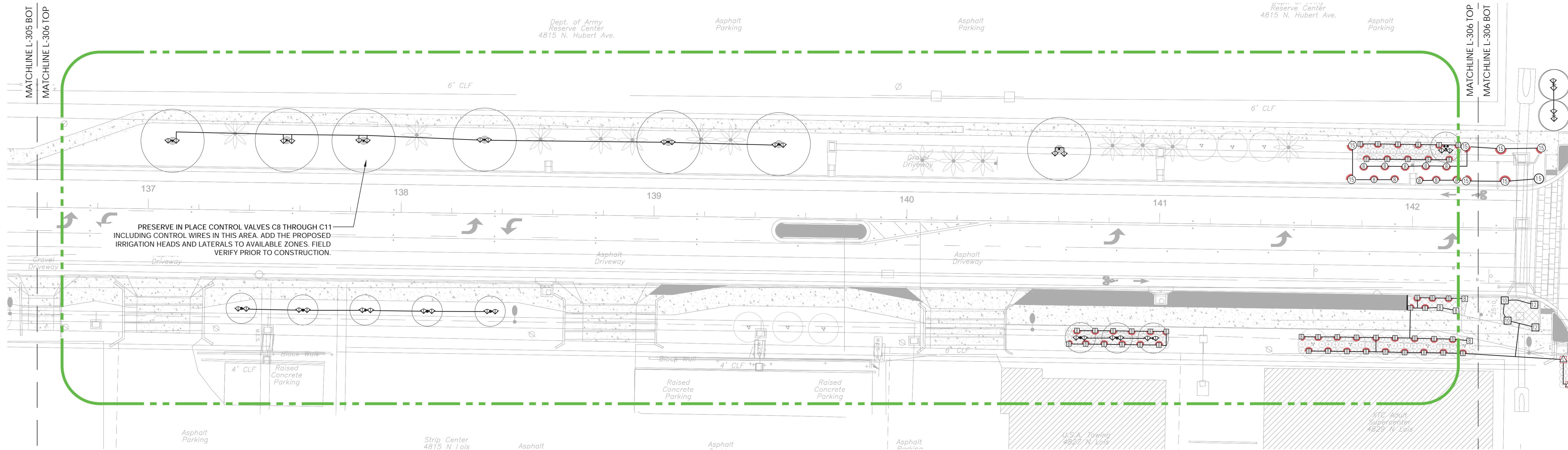
--- WATER METER & CONTROLLER "B" BOUNDARY



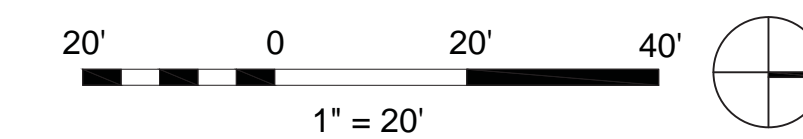


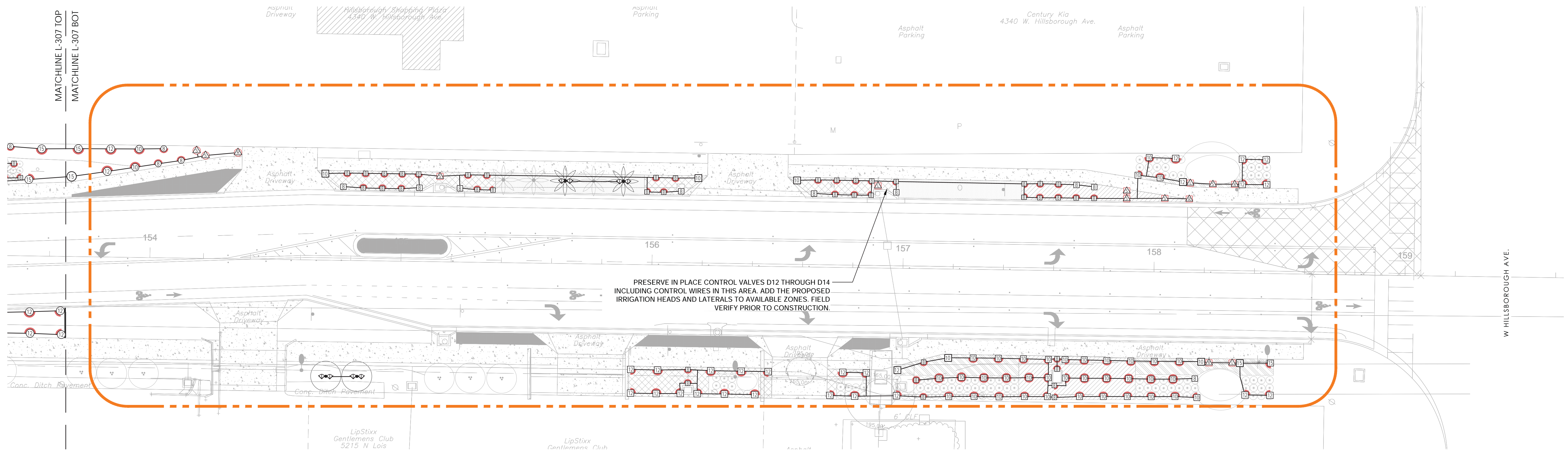
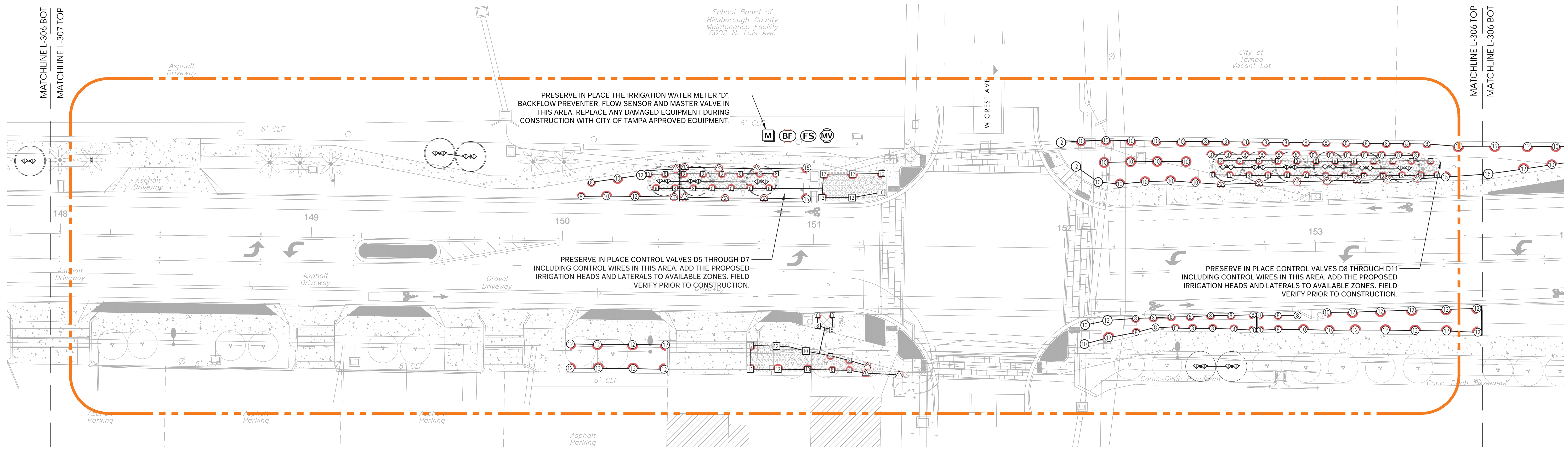
--- WATER METER & CONTROLLER "C" BOUNDARY



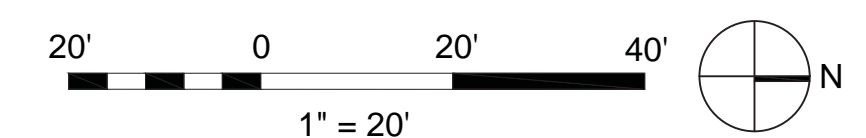


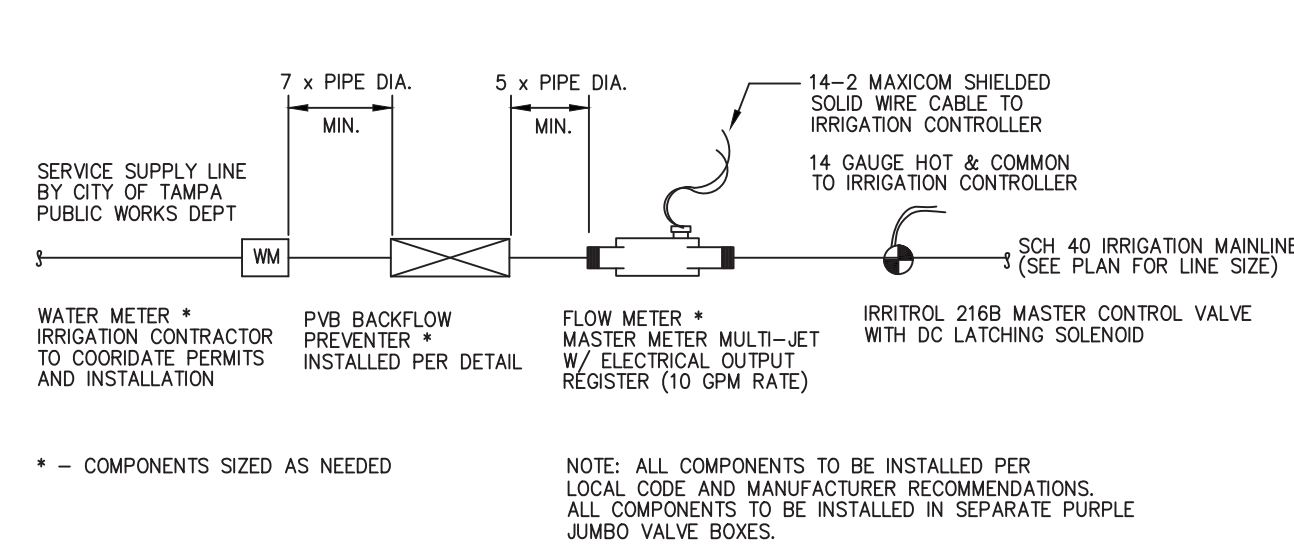
--- WATER METER & CONTROLLER "C" BOUNDARY
--- WATER METER & CONTROLLER "D" BOUNDARY





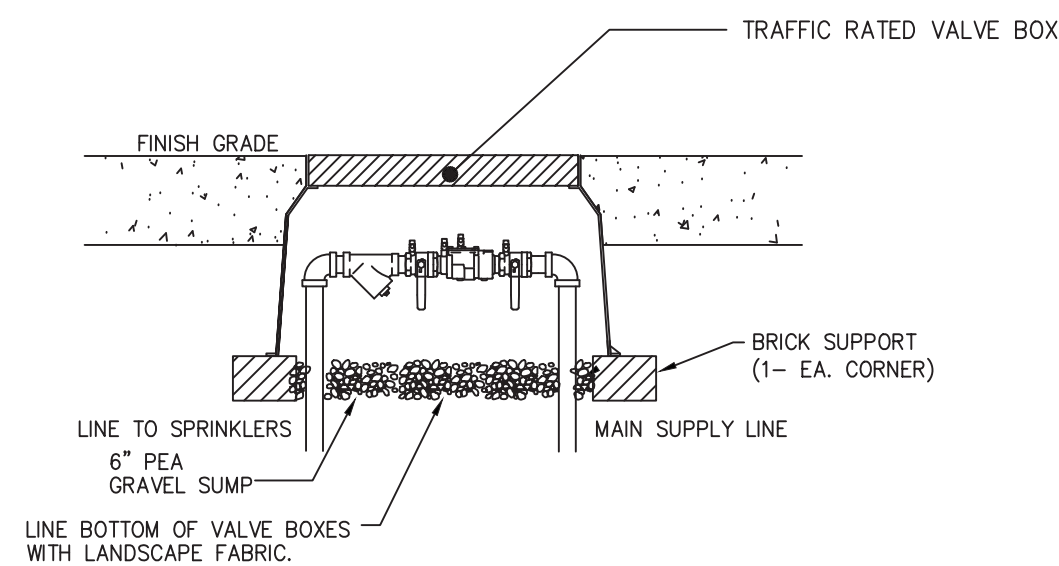
--- WATER METER & CONTROLLER 'D' BOUNDARY





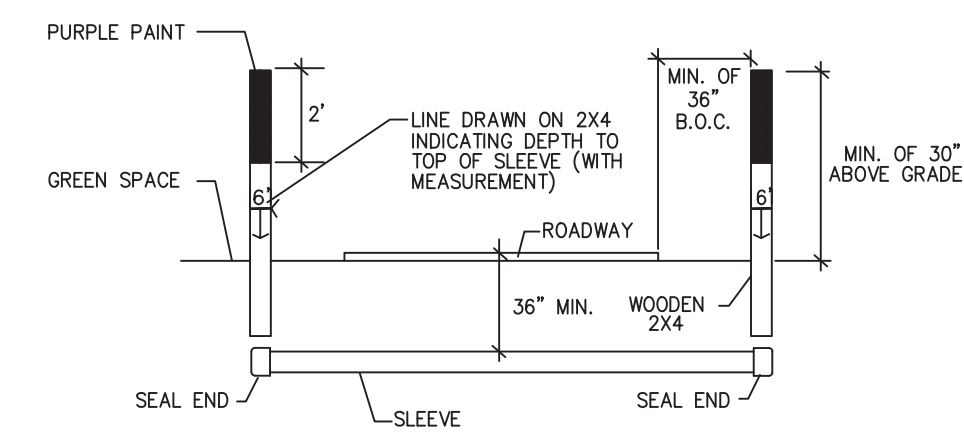
METER ASSEMBLY SCHEMATIC

NTS



TYPICAL SUBSURFACE BACKFLOW PRENTOR

NTS

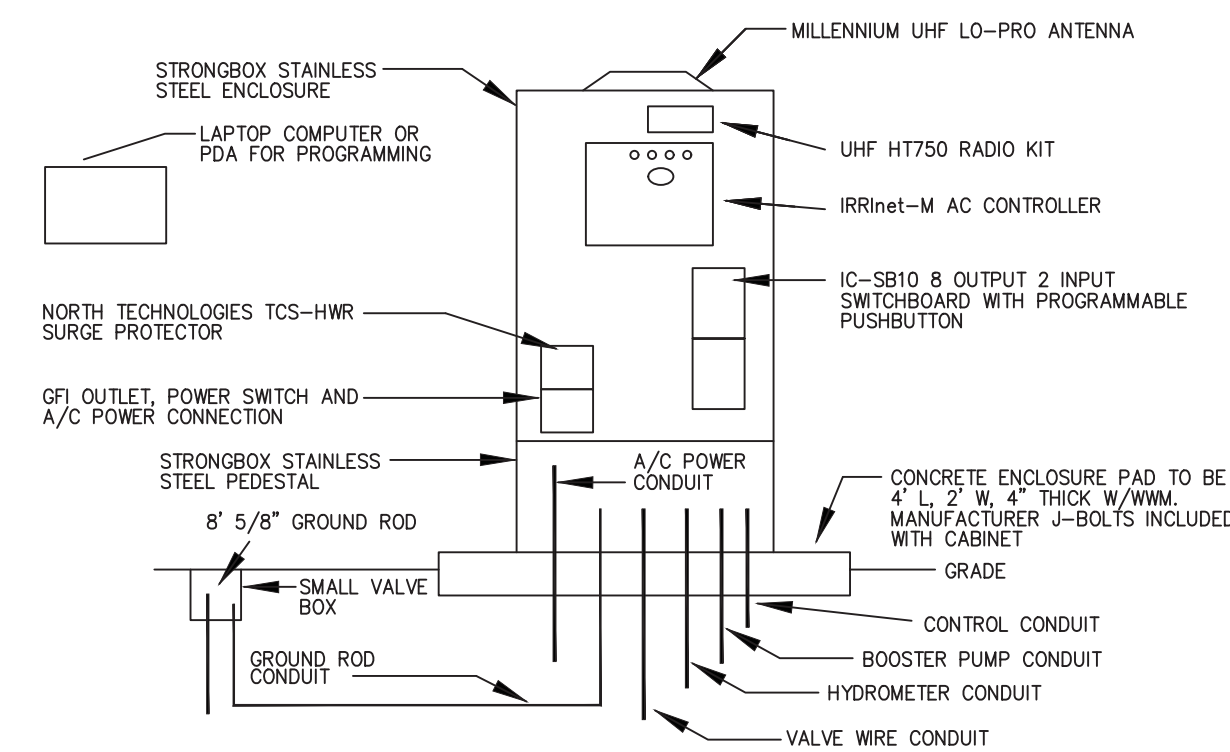


SLEEVE UNDER ROADWAY

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.

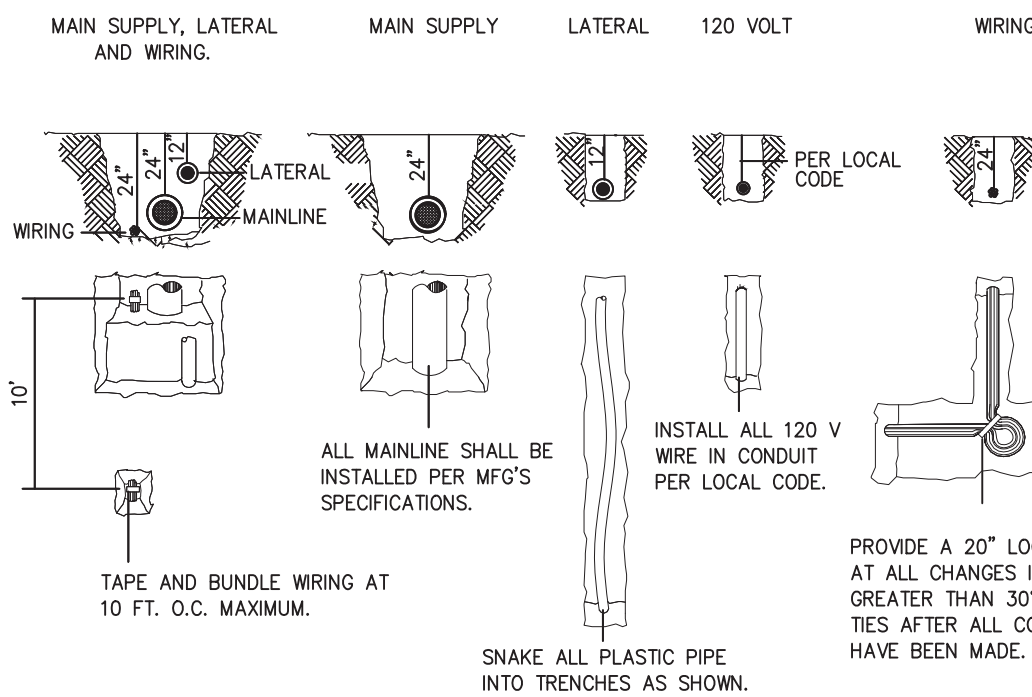


IRRinet-M AC CONTROLLER

NTS

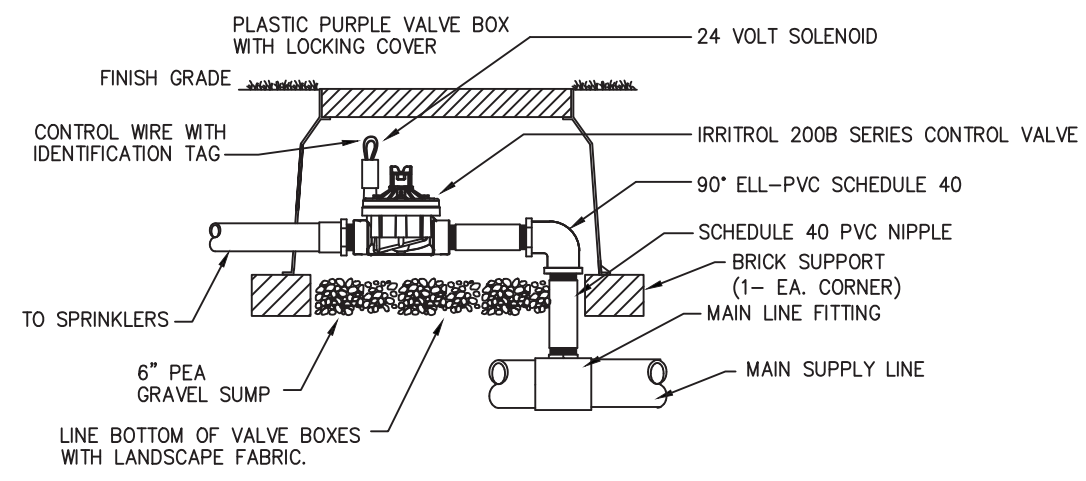
IRRinet-M AC CONTROLLER NOTES

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-S18P-MIT-SA-X). UNIT SHALL BE MOUNTED IN A STRONGBOX SB-18SS STAINLESS 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 GIBEL P.O. BOX 8683 WOODLAND, CA 95776-8683 PH 530-662-6841 FAX 530-662-3776 E-MAIL: CCS@CONTROLSYSTEMS.COM FOR PURCHASE INFORMATION.
3. CONTROLLER TO BE LOCATED AS INDICATED ON PLANS. CONFIRM WITH PARKS AND RECREATION IRRIGATION SUPERVISOR PRIOR TO INSTALLATION.
4. ALL WIRES NOT UNDER MAINLINE TO BE IN CONDUIT AND LOOSE.
5. ALL WIRES BURY UNDER MAINLINE ARE TO BE BUNDLED AND TAPED AT 20 FOOT INTERVALS.
6. WRES BURY UNDER MAINLINE ARE TO BE BUNDLED AND TAPED AT 20 FOOT INTERVALS.



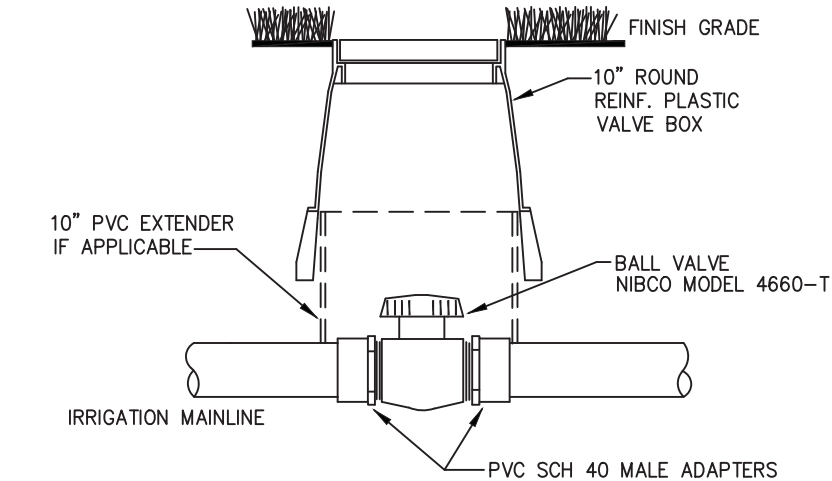
TRENCH DETAIL

NTS



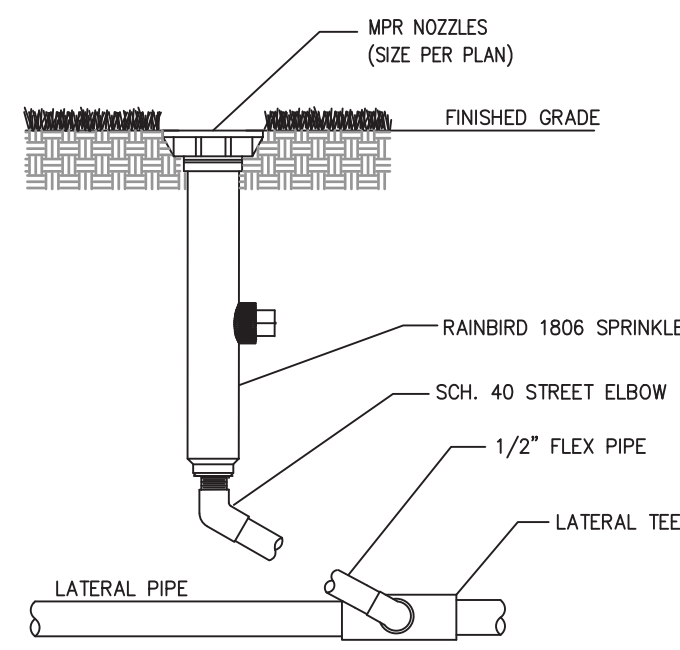
REMOTE CONTROL VALVE

NTS



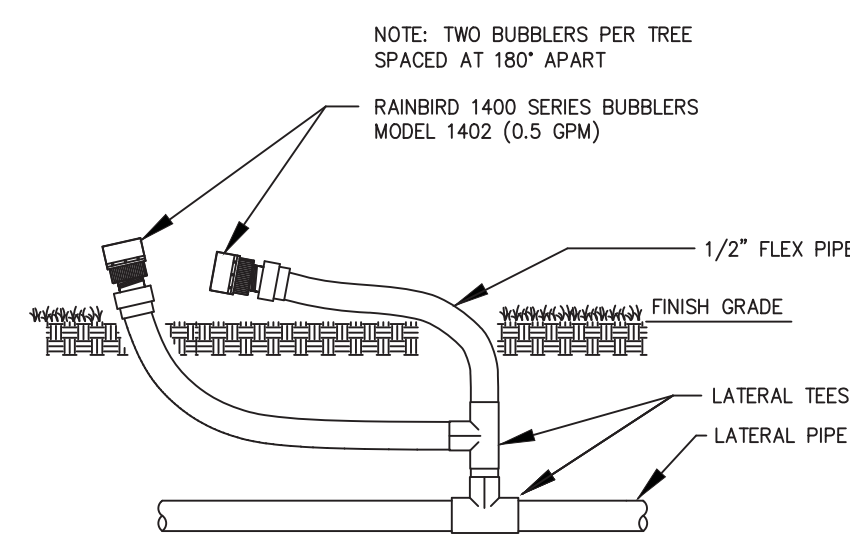
ISOLATION BALL VALVE

NTS



POP-UP SPRAY HEAD

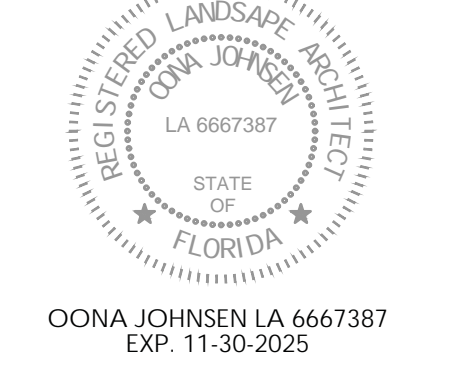
NTS



RAINBIRD 1400 SERIES BUBBLER

NTS

STAMP:



CONSULTANTS:



REVISION: _____ DATE: _____

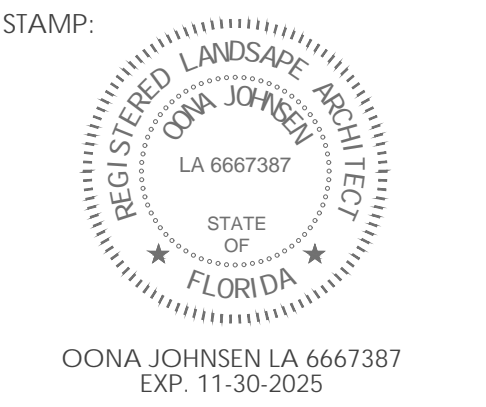
PROJECT NAME:
Drew Park
Lois Ave & Grady Ave
Landscape and
Streetscape Audit and
Recommendations
22-D-20701

OWNER:
City of Tampa . Drew Park CRA

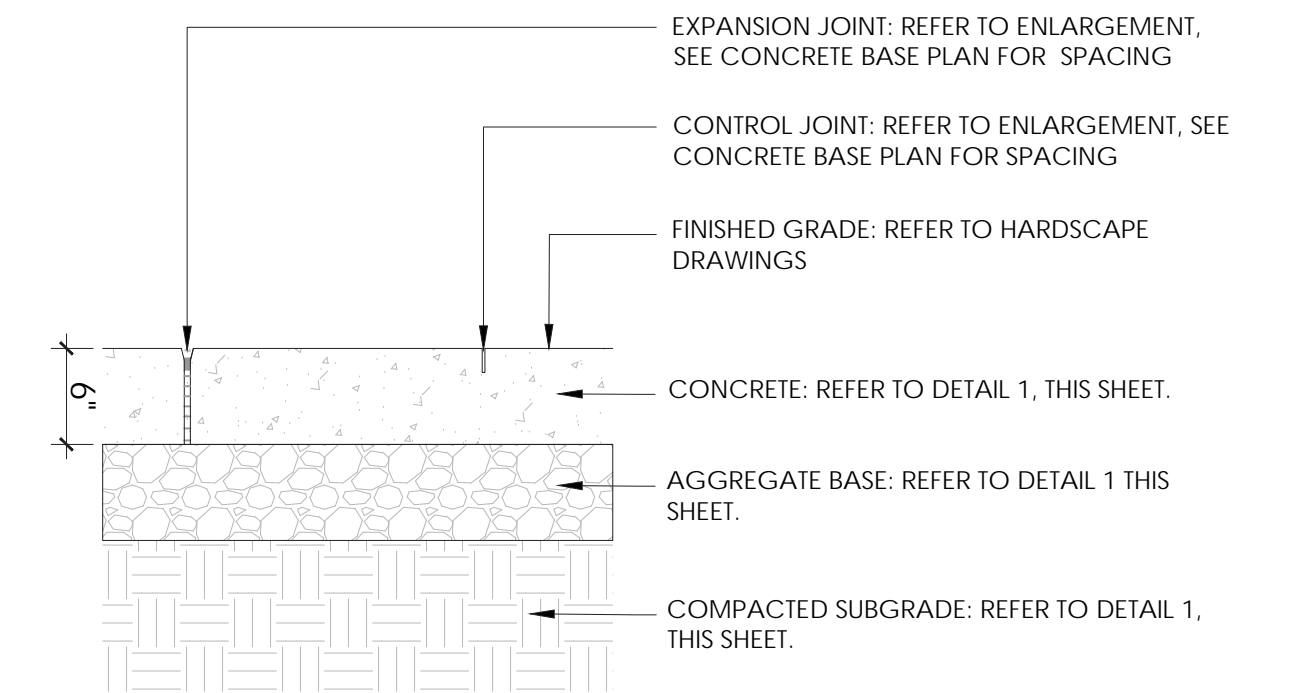
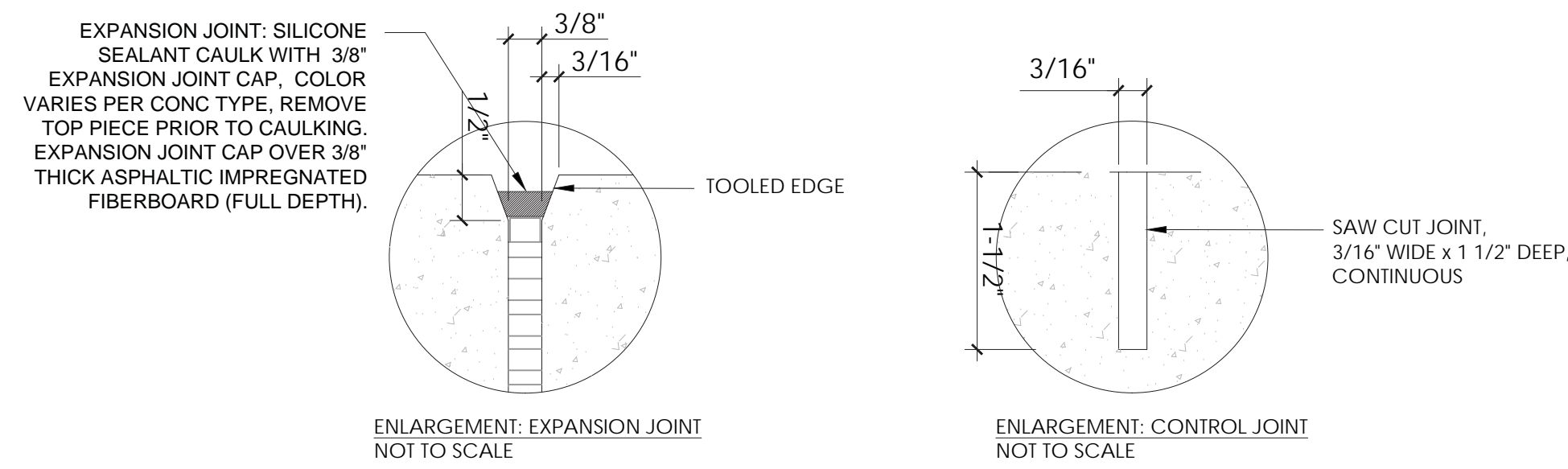
ISSUANCE:
100% CD - FOR CITY REVIEW
NOT FOR CONSTRUCTION

DATE: DEC 01, 2023
DRAWN BY: IDS
CHECKED BY: TM
PROJECT #: 14.22

SHEET NAME & NUMBER:
N Lois Ave.
Irrigation Details



CONSULTANTS:

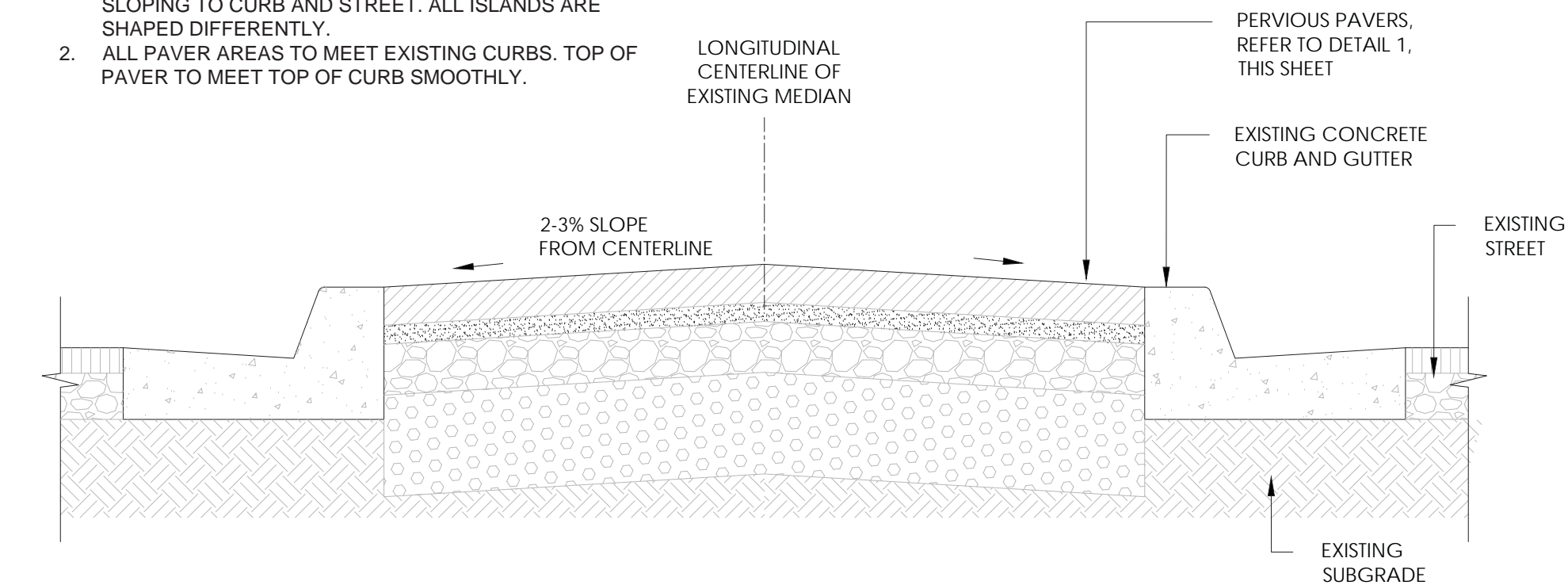


- NOTES:**
- REFER TO HARDSCAPE PLAN FOR LOCATION OF EXPANSION AND CONTROL JOINTS.
 - PROVIDE EXPANSION JOINTS AT ALL COLD JOINTS.
 - REFER TO FDOT INDEX 305 FOR TYPICAL JOINT DETAILS
 - REFER TO ARCHITECTURE DRAWINGS FOR JOINTING AGAINST BUILDING.

6 CONCRETE: CONTROL & EXPANSION JOINTS

L-400.L SCALE: N/A

- NOTES:**
- 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.
 - ALL PAVER AREAS TO MEET EXISTING CURBS. TOP OF PAVER TO MEET TOP OF CURB SMOOTHLY.



3 PERVIOUS PAVING LAYOUT - ISLANDS

L-400.L SCALE: N/A

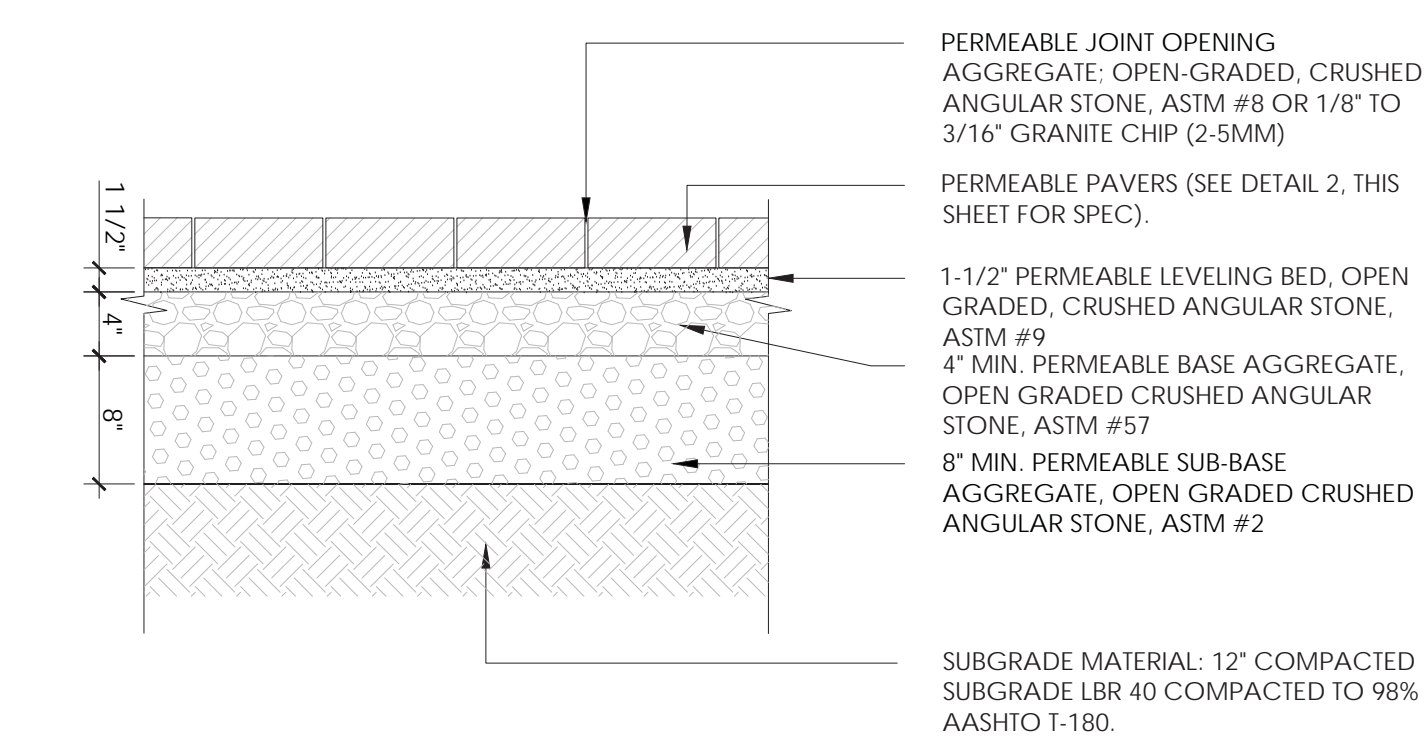
- NOTES:**
- PAVER DIRECTION AS SHOWN ON PLAN. PAVER PATTERN PER PHOTO BELOW.
 - WHERE THERE IS AN ACUTE ANGLE WITH PAVERS, APPLY PAVERS UNTIL 12" OF CORNER OR NEXT FULL PAVER. THE REMAINING CORNER, APPLY CONCRETE. THIS WILL ALLEVIATE THE NEED TO CUT PAVERS INTO SMALL SLIVERS/PIECES. VERIFY CONDITIONS IN FIELD.
 - PAVER LAYOUT TO FOLLOW EXISTING CURB/ROAD LAYOUT. FIRST FULL PAVER TO START AT SIDEWALK EDGE. CUT PAVERS TO BE AT EDGE OF CURB.
 - SPECIFICATIONS:
 - 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.
 - PAVER LAYOUT SHALL BE ADJUSTED BASED ON ACTUAL SITE CONDITIONS WITH CITY APPROVAL.
 - 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.
 - CONTRACTOR TO NOTIFY LA & CITY OF ANY DISCREPANCIES BEFORE WORK COMMENCES.
 - ALL PAVER AREAS TO MAINTAIN THE EXISTING ADJACENT GRADES IN A EVEN, SMOOTH TRANSITION.
 - ALL SLOPES TO EXISTING DRAINAGE FACILITIES TO BE MAINTAINED.
 - REFER TO SITE CONSTRUCTION NOTES, THIS SHEET.



2 PERVIOUS PAVING LAYOUT

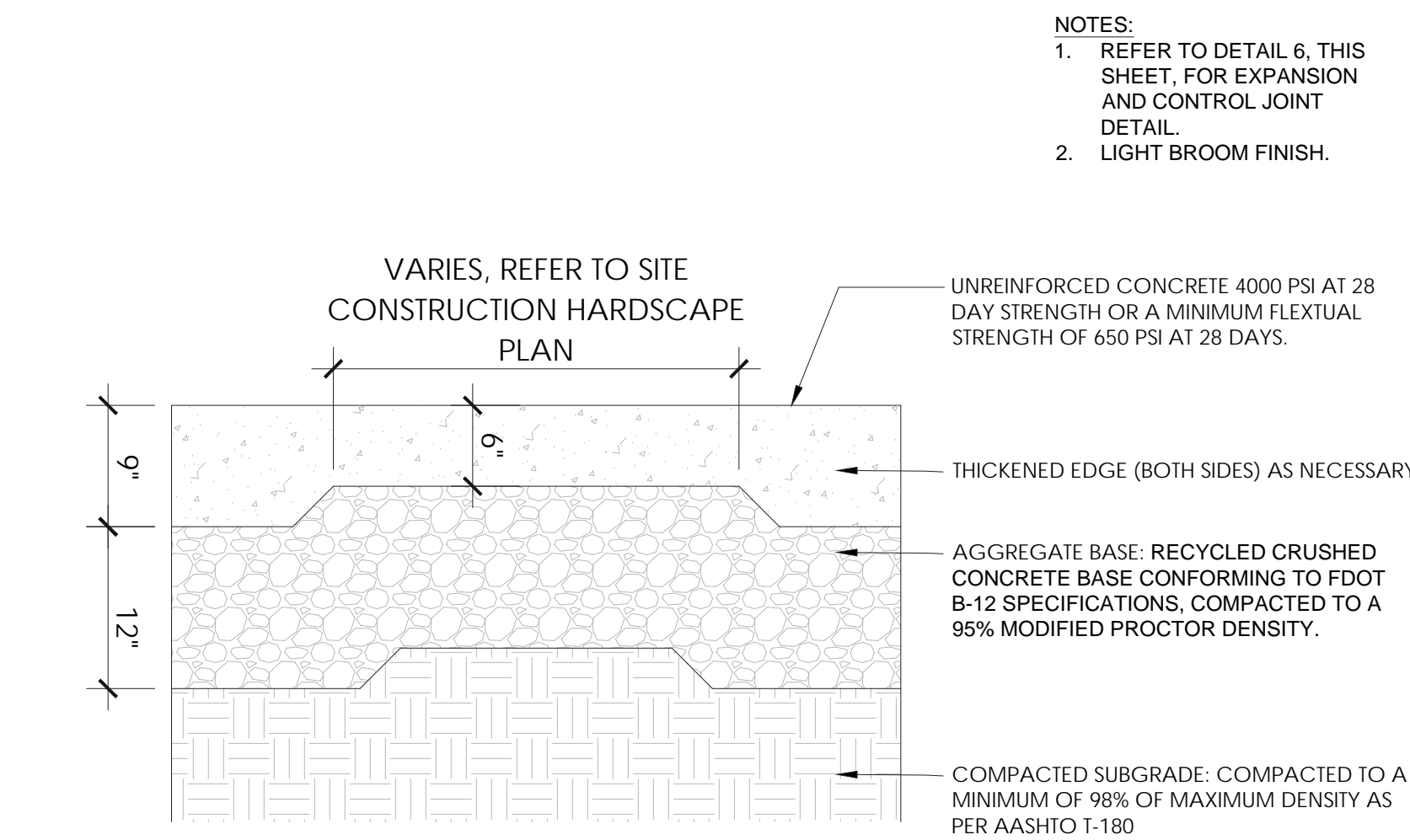
L-400.L SCALE: N/A

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



1 PERVIOUS PAVING

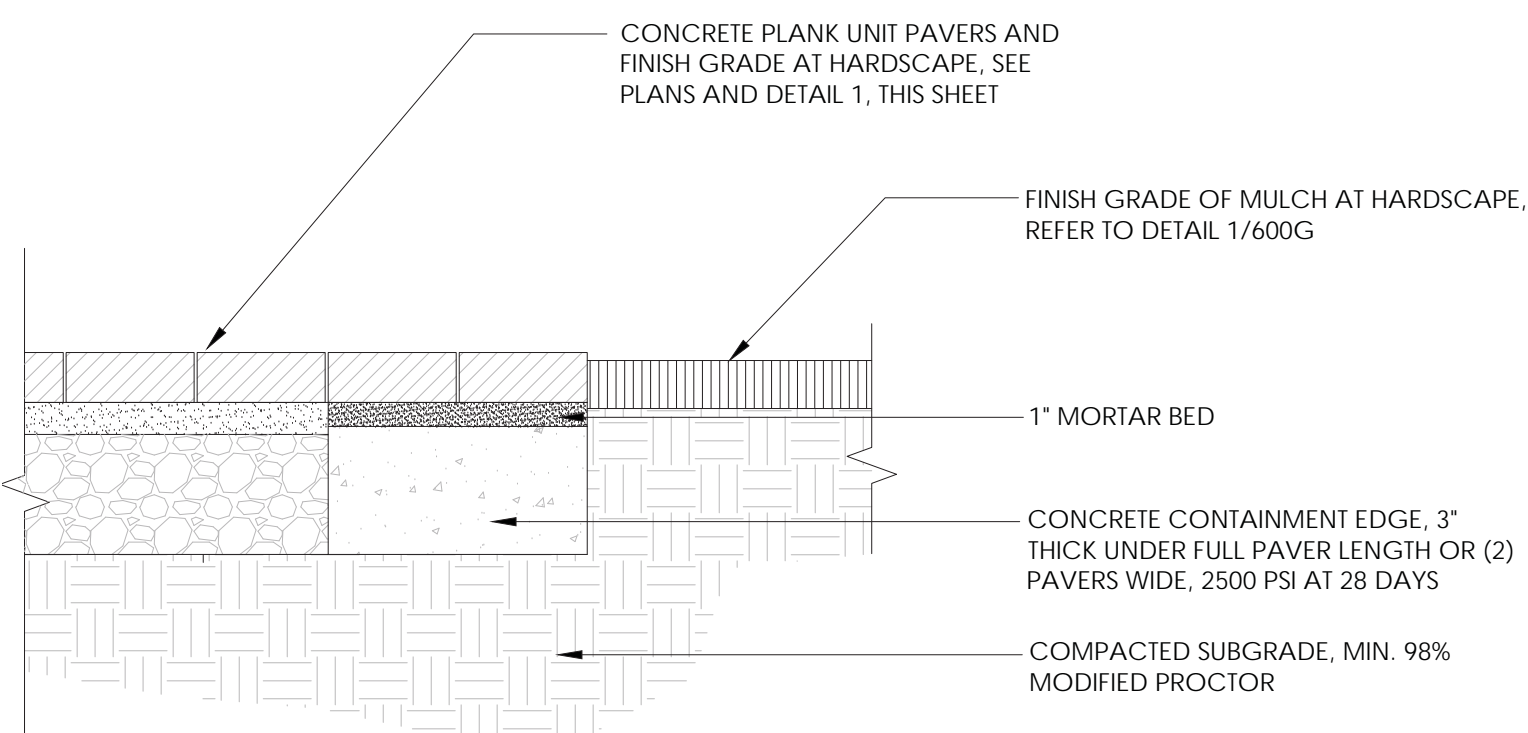
L-400.L SCALE: 1" = 1'-0"



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

5 CONCRETE: SIDEWALK PAVING

L-400.L SCALE: N/A



4 PAVER CONTAINMENT EDGE

L-400.L SCALE: N/A



REVISION: DATE:

PROJECT NAME:
 Drew Park
 Lois Ave & Grady Ave
 Landscape and
 Streetscape Audit and
 Recommendations
 22-D-20701
 OWNER:
 City of Tampa . Drew Park CRA
 ISSUANCE:
 CONSTRUCTION DOCUMENTS
 FOR REVIEW
 DATE: MAY 20, 2025
 DRAWN BY: OJ
 CHECKED BY: TM
 PROJECT #: 14.22
 SHEET NAME & NUMBER:

N Lois Ave.
 Construction Notes,
 Legend & Details

L-400.1L