



**INVITATION TO BID 2024-01
CITY OF PARKER
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH**

**ADDENDUM NO. 2
REQUESTS FOR INFORMATION**

Issued March 14, 2024

Bids are due at **2:00 p.m. CST** on **Tuesday, March 19, 2024**. Bids will be publicly opened and read aloud at 5:30 p.m. CST at the City Council Meeting on Tuesday, March 19, 2024.

The following requests for additional information (RAIs) were received from bidder(s) after the due date for questions and are being addressed through this Addendum as follows:

RAI No. 1. On Page 1 of the Bid Form, you have a blank for the Unit Contract Price, but no other pages have any Base Bid Total or a Bid Alternate Total. Is the Unit Contract price the Base Bid total? Will you be reading each of the alternate prices at the bid opening?

City's Response to Request for Information Question No. 1

The Bid Form has been revised to clarify that the Unit Contract Price is the Base Bid Total. The Bid Alternates are not totaled and should not be included in the Base Bid.

The Base Bid and Alternates will not be read aloud at the City Council Meeting.

Please **REMOVE** the Bid Form Section in its entirety and **REPLACE** with the revised Bid Form Section (refer to ***Attachment A***).

RAI No. 2. Could you take a look at the Asphalt Trail alternate. The detail does not call for any base and you cannot lay asphalt on subgrade. Also, would you allow the trail to be 8-foot-wide as that is as narrow as the paver will get.

City's Response to Request for Information Question No. 2

The Alternate Asphalt Walk Detail on SHEET C2.1 has been revised to show an 8-foot asphalt walking path, a 12-inch subgrade, a 6-inch limerock base, with a 1-1/2-inch asphalt overlay.

Please **REMOVE** the Bid Form Section in its entirety and **REPLACE** with the revised Bid Form Section (refer to ***Attachment A***).

Please **REMOVE** the Measurement and Payment Section in its entirety and **REPLACE** with the revised Measurement and Payment Section (refer to ***Attachment B***).



**INVITATION TO BID 2024-01
CITY OF PARKER
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH**

Please **REMOVE** SHEET C2.1 in its entirety and **REPLACE** with the revised SHEET C2.1 (refer to **Attachment C**).

RAI No. 3. Under Qualifications it says The CONTRACTOR shall be a Florida-Licensed General Contractor or Underground Utility Contractor who specializes in stormwater and roadway rehabilitation. Subcontractors shall be Florida licensed in their trade. Would it be possible for the subcontractor to be licensed in Underground Utilities or does the Contractor have to be also?

We do not currently have a GC license. Does the contractor have to hold the underground utilities license, or can the Subcontractor be the license holder? If the contractor had FDOT pre-qualifications, would that make a difference?

City's Response to Request for Information Question No. 3

The Prime Contractor must be licensed in the State of Florida in either General Construction or Underground Utilities as this project requires a Construction Bond through the Contractor.

RAI No. 4. I have a question concerning the licensing requirement for the subject project; I hold a Certified State of Florida Underground Utility & Excavation License, but it is currently "inactive". Could we bid the project and re-activate the license should we be the low bidder?

City's Response to Request for Information Question No. 3

No. The Prime Contractor must hold a active State of Florida General Construction or Underground Utility & Excavation at the time of bidding which is required to be submitted with the Bid Package.

Clarification: The ditch bottom inlets shown on SHEET C1.2 have been revised to accurately reflect the FDOT Type of inlet required.

All Type C ditch bottom inlets will have grates. The Modified Type D discharge structure is with a grated top and skimmer.

Modifications to the Measurement and Payment Section and Bid Form have been made to reflect these changes and other changes, where necessary.

Please **REMOVE** the Bid Form Section in its entirety and **REPLACE** with the revised Bid Form Section (refer to **Attachment A**).



**INVITATION TO BID 2024-01
CITY OF PARKER
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH**

Please **REMOVE** the Measurement and Payment Section in its entirety and **REPLACE** with the revised Measurement and Payment Section (refer to **Attachment B**).

Please **REMOVE** SHEET C2.1 in its entirety and **REPLACE** with the revised SHEET C2.1 (refer to **Attachment C**).

Sent to Registered Bidders: **March 13, 2024**

Posted to City's RFP Webpage: **March 13, 2024**



**INVITATION TO BID 2023-01
CITY OF PARKER
ROADWAY IMPROVEMENTS - PHASE 1
ADDENDUM NO. 2**

ATTACHMENT A

REVISED BID FORM

BID FORM ITB NO: 2024-01

This proposal of _____, hereinafter called "BIDDER," organized and existing under the laws of the State of _____ doing business as (Insert "a corporation" or "a partnership" or "an individual" as applicable) _____ is hereby submitted to the City of Parker.

In compliance with the ADVERTISEMENT FOR BIDS, BIDDER hereby proposes to perform work associated with the **INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH** project at certain locations within the City of Parker as identified in the Instruction to Bidders of this Contract Document and Construction Drawings, as described in this BID, complete in every detail. Please see BID-FORM page 3 to complete BID FORM in detail. BID should include all applicable taxes, shipping charges and fees as applicable.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any other competitor.

The Unit Contract Price (Total Base Bid Amount) is:

(\$ _____)
(Words)

Total Drainage Work Alternate Bid Amount is:

(\$ _____)
(Words)

Total Curb and Sidewalk Work (Asphalt Walking Path) Alternate Bid Amount is:

(\$ _____)
(Words)

Additional Days to be Added to Contract for Asphalt Walking Path _____ **days**

Total Landscape Work Alternate Bid Amount is:

(\$ _____)
(Words)

Additional Days to be Added to Contract for Landscape Work _____ **days**

Total Days to be added to the Contract Time + Contract Time (150 days) _____ **days**

CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH

submitted by:

Name of BIDDER Submitting This BID

BID Prepared By:_____

SEAL: (If BID is by Corporation)

Name of Individual Who Prepared This BID

Contact Email: _____

Address:_____

Phone:_____

Signature of Authorized Representative of BIDDER:

_____ Date:_____

**CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH**

BASE BID FORM					
Bid Item #	Description	Qty	Unit	Cost	Total
1. General Conditions					
1.1	Mobilization/Demobilization	1	LS	\$	\$
1.2	Performance and Payment Bonds	1	LS	\$	\$
1.3	Maintenance of Traffic	1	LS	\$	\$
1.4	Construction Testing	1	LS	\$	\$
1.5	Groundwater and Soils Analytical Testing Allowance	1	LS	\$ 5,000.00	\$ 5,000.00
1.6	Stakeout & As-builts by Professional Surveyor	1	LS	\$	\$
1.7	Erosion Control & NPDES Permitting	1	LS	\$	\$
1.8	Demolition (hauling and tipping fees) (demo and removal of existing structures, roadway asphalt, etc.)	1	LS	\$	\$
1.9	Selective Clearing And Grubbing	1	LS	\$	\$
1.10	Project Management, Overhead & Profit	1	LS	\$	\$
2. Pavement Work					
2.1	1-½-inch Asphalt Concrete Surface Course, Traffic B, SP9.5, Pg 76-22	69	TN	\$	\$
2.2	Optional Base, Base Group 04 (6-inch Limerock)	790	SY	\$	\$
2.3	Type B Stabilization (12-inch)	790	SY	\$	\$
2.4	1-1/2-inch Asphalt Concrete Patch	269	SY	\$	\$
3. Drainage Work					
3.1	Inlets, Curb, Type 2	2	EA	\$	\$
3.2	Inlets, Modified Type D, discharge structure with grate top and skimmer	1	EA	\$	\$
3.3	Inlets, Type C, with grate top	6	EA	\$	\$
3.4	Inlets, Modified Type C, with grate top & skimmer	1	EA	\$	\$
3.5	Inlet, Modified Type H, discharge structure (4 grate)	1	EA	\$	\$
3.6	Concrete End Wall	6	EA	\$	\$
3.7	Manholes, J-7, <10 feet	2	EA	\$	\$
3.8	18-inch MES	5	EA	\$	\$
3.9	24-inch MES	2	EA	\$	\$
3.10	36-inch MES	2	EA	\$	\$
3.11	15-inch RCP	349	LF	\$	\$

**CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH**

BASE BID FORM					
Bid Item #	Description	Qty	Unit	Cost	Total
3. Drainage Work (continued from previous page)					
3.12	18-inch RCP	360	LF	\$	\$
3.13	24-inch RCP	120	LF	\$	\$
3.14	36-inch RCP	254	LF	\$	\$
3.15	18-inch CMP	8	LF	\$	\$
3.16	Core Existing Inlet	2	EA	\$	\$
3.17	Concrete Flume	1	EA	\$	\$
3.18	RipRap	9	EA	\$	\$
4. Curb and Sidewalk Work					
4.1	Concrete Sidewalk, 6-foot wide (walking path)	9,270	SF	\$	\$
5. Pavement Marking and Signage Work					
5.1	Pavement Marking (Parking Lot Striping including ADA Striping/ Symbols and Roadway Patchwork Striping)	1	LS	\$	\$
5.2	Signage (includes 17 posts and 35 sign panels for ADA and Warning Signage)	1	LS	\$	\$
6. Landscaping Work					
6.1	Performance Turf, Sod	9,789	SY	\$	\$
6.2	Irrigation	1	LS	\$	\$
6.3	Landscaping	1	LS	\$	\$
7. Earthwork					
7.1	Regular Excavation (includes excavation and removal, hauling and disposal of soil)	1	LS	\$	\$
7.2	Chain Link Fence	440	LF	\$	\$
TOTAL BASE BID (sum of Sections 1 through 7)					\$

**CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH**

BID ALTERNATES/DEDUCTIVES					
Bid Item #	Description	Qty	Unit	Cost	Total
A.3.11	12-inch Double Wall HP (in lieu of 12-inch RCP)	190	LF	\$	\$
A.3.12	15-inch Double Wall HP (in lieu of 15-inch RCP)	159	LF	\$	\$
A.3.13	18-inch Double Wall HP (in lieu of 18-inch RCP)	360	LF	\$	\$
A.3.14	24-inch Double Wall HP (in lieu of 24-inch RCP)	120	LF	\$	\$
A.3.15	36-inch Double Wall HP (in lieu of 36-inch RCP)	254	LF	\$	\$
A.3 Subtotal (A.3.11 + A.3.12 + A.3.13 + A.3.14 + A.3.15)				\$	\$

Bid Item #	Description	Qty	Unit	Cost	Total
A.4.1.a	Asphalt for 8-foot-wide Walking Path (in lieu of Concrete Walking Path)	112	TN	\$	\$
A.4.1.b	Optional Base, Base Group 04 (6-inch Limerock) for 8-foot wide Walking Path (in lieu of Concrete Walking Path)	1,370	SY	\$	\$
A.4.1.c	Type B Stabilization (12-inch) for 8-foot wide Walking Path (in lieu of Concrete Walking Path)	1,370	SY	\$	\$
A.4 Subtotal (A.4.1.a + A.4.1.b + A.4.1.c)				\$	\$

Bid Item #	Description	Qty	Unit	Cost	Total
A.6.4	Decorative Fountain and Appurtenances	1	LS	\$	\$

Notes:

- Bid Items listed above are further detailed in the **Measurement and Payment** Section of this Invitation to Bid package.

END OF BID FORM



**INVITATION TO BID 2023-01
CITY OF PARKER
ROADWAY IMPROVEMENTS - PHASE 1
ADDENDUM NO. 2**

ATTACHMENT B

REVISED MEASUREMENT AND PAYMENT

SECTION 01150 MEASUREMENT AND PAYMENT

PART 1 - SCOPE OF WORK

- A. The scope of this section of the Contract Documents is to further define the items included in each Bid Item in the Bid Proposal section of these Specifications.
- B. Payment will be made based on the specified items included in the description in this section for each bid item.

1.02 GENERAL

- A. All Contract Prices included in the Bid Proposal section will be full compensation for all labor, materials, tools, equipment and incidentals necessary to complete the construction as shown on the drawings and/or as specified in the Contract Documents to be performed under this contract.
- B. Actual quantities of each item bid on a unit price basis will be determined upon completion of the construction in the manner set up for each item in this section of the specifications.
- C. Payment for all items listed in the Bid Form will constitute full compensation for all work shown and/or specified to be performed under this project.

1.03 ESTIMATED QUANTITIES

- A. The quantities shown are approximate and are given only as a basis of calculation upon which the award of the Contract is to be made.
- B. The OWNER/ENGINEER does not assume any responsibility for the final quantities, nor shall the CONTRACTOR claim misunderstanding because of such estimate of quantities.
- C. Final payment will be made only for satisfactorily completed quantity of each item.

1.04 WORK OUTSIDE AUTHORIZED LIMITS

- A. No payment will be made for work constructed outside the authorized limits of work.

1.05 MEASUREMENT STANDARDS

- A. Unless otherwise specified for the particular items involved, all measurements of distance shall be taken horizontally or vertically.

**CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH**

1.06 AREA MEASUREMENTS

- A. In the measurement of items to be paid for on the basis of area of finished work, the lengths and/or widths to be used in the calculations shall be the final dimensions measured along the surface of the completed work within the neat lines shown or designated.

1.07 LUMP SUM ITEMS

- A. Where payment for items is shown to be paid on a lump sum basis, no separate payment will be made for any item of work required to complete the lump sum item.
- B. Lump sum bid items shall be complete, tested and fully operable prior to request for final payment.
- C. Measurement shall be based upon the ENGINEER's estimate of percent complete per partial payment period.

1.08 UNIT PRICE ITEM

- A. Separate payment will be made for the items of work described herein and listed on the Bid Form.
- B. Any related work not specifically listed but required for satisfactory completion of the work shall be considered to be included in the scope of the appropriate listed work items.

1.09 OTHER PROVISIONS

- A. No separate payment will be made for the following items and the cost of such work shall be included in the applicable pay items of work unless indicated otherwise in the individual bid item.
 - 1. Clearing, grubbing, and grading.
 - 2. Replacement and/or repair of existing utilities damaged during construction.
 - 3. Trench excavation, including necessary pavement removal, rock removal, muck removal and restoration unless a separate bid item is listed in the Bid Form.
 - 4. Ditch and swale restoration.
 - 5. Structural fill, backfill and grading.
 - 6. Foundation and borrow materials.

**CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH**

7. Maintaining the existing quality of service during construction.
 8. Appurtenant work as required for a complete and operable system.
- B. Final payment shall not be requested by the CONTRACTOR or made by the OWNER until record drawings have been submitted to the ENGINEER.

PART 2 - PRODUCTS (NOT APPLICABLE)

PART 3 - EXECUTION

3.01 BASE BID

A. BID ITEM 1.1 - MOBILIZATION/DEMobilIZATION

1. Payment for all work included under this bid item will be made at the lump sum price bid for mobilization and demobilization of all labor, equipment, materials, and appurtenances necessary for construction of the project.
2. Mobilization shall include all those operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site and for the establishment of temporary offices, buildings, safety equipment and first aid supplies, and sanitary and other facilities.
3. Also included as part of this bid item is the cost for project indemnifications, video and photographs, shop drawings, working drawings, schedules, record drawings and documents, coordination, and phasing and other miscellaneous items associated with the work.
4. Measurement for this bid item will be lump sum. The lump sum price for mobilization/demobilization will be limited to 10% of the total contract base bid amount.
5. The initial 70% of the Mobilization/Demobilization lump sum price will be payable with the first month's partial payment.
6. The remaining 30% of the Mobilization/Demobilization lump sum price will be payable with the final partial payment.

B. BID ITEM 1.2 –PERFORMANCE AND PAYMENT BONDS

1. Payment for this bid item shall be made at the lump sum price bid for all bonds and insurance policies as required by the Contract Documents.

**CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH**

2. Payment will be made only after proper documentation is provided to the ENGINEER. Measurement of this bid item shall be lump sum.
3. THIS BID ITEM SHALL NOT EXCEED 5.0% OF THE ENTIRE CONTRACT BID AMOUNT.

C. BID ITEM 1.3 - MAINTENANCE OF TRAFFIC

1. Payment for all work included under this bid item will be made at the lump sum price bid for maintenance of traffic in accordance with the FDOT Standards.
2. Payment shall include all maintenance of traffic necessary for construction of the improvements indicated in plans.
3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.
4. Measurement for the work included under this bid item shall be lump sum.

D. BID ITEM 1.4 – CONSTRUCTION TESTING

1. Payment for all work included under this bid item will be made at the lump sum price bid for testing to be performed in accordance with the state standards.
2. Payment shall include all testing necessary for construction of the improvements indicated in plans.
3. Payment shall constitute complete compensation for all labor, materials, equipment, testing laboratory fees, and any other necessary work needed to complete this work item.
4. Measurement for the work included under this bid item shall be lump sum.

E. BID ITEM 1.5 – GROUNDWATER AND SOILS ANALYTICAL TESTING

- ~~5.1.~~ This line item will be reimbursable based on receipts or invoices provided by the testing companies.
2. Frequency of testing will be coordinated with the Engineer of Record.

**CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH**

E.F. BID ITEM 1.6 – STAKEOUT & AS-BUILTS BY PROFESSIONAL SURVEYOR

1. Payment for the work included under this bid item shall be made at the lump sum price bid for all work associated with furnishing all stakeout/layouts of the improvements as well as surveys and preparation of record drawings as required under the contract documents. As-Builts shall be of sufficient detail to confirm quantities, above and below ground, elevations, materials, and locations of all improvements associated. As-Builts shall be signed and sealed by a Florida Registered Professional Land Surveyor.
2. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.
3. Measurement for the work included under this bid item shall be lump sum.

F.G. BID ITEM 1.7 – EROSION CONTROL & NPDES PERMITTING

1. Payment for all work included under this bid item will be made at the lump sum price bid for all work associated with the prevention, control and abatement of erosion and water pollution and NPDES Permit Administration in accordance with the contract documents.
2. Payment shall include all items and incidentals necessary to complete the work in conformance with NPDES and other permit requirements.
3. Payment for the work included under this bid item shall be made at unit bid price for installing silt fencing and inlet protection systems as required under the contract documents.
4. Payment shall include all material, labor, equipment, and incidentals necessary to provide and install silt fencing and inlet protection systems around existing inlets at the locations noted on the Construction Drawings.
5. Measurement for work included under this bid item will be lump sum.

G.H. BID ITEM 1.8 – DEMOLITION (INCLUDES HAULING AND TIPPING FEES)

1. Payment for the work included under this bid item shall be made at the lump sum price bid for all work associated with providing demolition and removal of existing structures, including but not limited to, existing mitered end sections, existing headwalls, existing

CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH

reinforced concrete piping, and removal of asphalt from cut and patch operations as required under the contract documents.

2. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item to including the removal of structures as well as hauling and tipping fees as necessary.
3. Measurement for the work included under this bid item shall be lump sum.

I. BID ITEM 1.9 – CLEARING AND GRUBBING WORK

1. Payment for this items shall be made based on percentage of work completed.
2. Payment for the work included under this bid item shall be made at the lump sum price bid for selective grubbing as required under the contract documents.
3. Payment shall include all material, labor, equipment, and incidentals necessary to perform selective grubbing activities as noted on the Construction Drawings.
4. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

H.J. BID ITEM 2.0 – PAVEMENT WORK

1. Payment for the work included under this bid item shall be made at unit bid price for providing pavement work as required under the contract documents.
2. Payment shall include all material, labor, equipment, and incidentals necessary to install 790 square yards of 12-inch Type B Stabilization, install 790 square yards of Base Group ~~6-4~~ (6-inch limerock), and an base overlay of with 69 tons of 1-1/2-inch ~~FC-12FS~~ 9.5 Friction Surface Course for the parking areas and roadway turnouts as further detailed on the Construction Drawings.
3. Payment shall include all material, labor, equipment, and incidentals necessary to replace ~~2,400~~269 square yards of asphalt on the cut and patch areas along North 11th Avenue, Lance Street, and Boatrace Road at the locations noted on the Construction Drawings.
4. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH

K. BID ITEM 3.0 – DRAINAGE WORK

1. Payment for all work included under this bid item will be made as unit price bid for installing inlets, gutters, concrete end walls, stormwater manholes, mitered end sections (MES), reinforced concrete piping (RCP), corrugated metal piping (CMP), coring of existing inlets, concrete flumes, and rip rap as required under the contract documents.
2. Payment shall include but not be limited to furnishing all material, labor, equipment, and incidentals necessary to install the following in accordance with the contract documents.
 - a. Type 2 Curb Inlets (2 each).
 - b. Modified Type D Discharge Structure with Grated Top and Skimmer (~~3~~1 each).
 - c. Type C Inlet with Grate Tops (~~3~~6 each).
 - d. Type C Inlet with Grate Top And Skimmer (1 each).
 - e. Modified Type H (4 grate) Discharge Structure (1 each).
 - f. Concrete End Walls (6 each).
 - g. Storm Manholes less than 10 feet (2 each).
 - h. Core Existing Inlets (2 each).
 - i. Concrete Flume (1 each).
 - j. RipRap (9 each).
 - k. MESes: 18-inch (5 each); 24-inch (2 each); and, 36-inch (2 each).
 - l. RCPs: ~~12-inch RCP (190 Linear Feet);~~ 15-inch RCP (~~159~~349 Linear Feet); 18-inch (360 Linear Feet); 24-inch (120 Linear Feet); 36-inch (256 Linear Feet).
 - m. CMP: 18-inch (8 Linear Feet).
3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

**CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH**

~~J~~L. BID ITEM 4.0 – CURB AND SIDEWALK WORK

1. Payment for the work included under this bid item shall be made at unit bid price for constructing a concrete walking path and sidewalk as required under the contract documents.
2. Payment shall include all material, labor, equipment, incidentals, compaction, and earthwork, ~~and testing~~ necessary to construct 9,270 square feet of a 6-foot-wide by 1,541-foot-long sidewalk/walking path at the location noted on the Construction Drawings.
3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

~~K~~M. BID ITEM 5.0 – PAVING MARKING AND SIGNAGE WORK

1. Payment for the work included under this bid item shall be made at ~~unit bid~~ the lump sum price for signage and striping as required under the contract documents.
2. Payment shall include all material, labor, equipment, and incidentals necessary to stripe the parking areas including ~~1.25 general miles of~~ Solid White 6-inch ~~Thermoplastic~~ Painted Striping (for stop bars at intersection of Lance Street and 11th Street North and parking striping), Thermoplastic, Solid Yellow 6-inch Striping (double lines along Boatrace Road), Solid 6-inch Striping, ADA Access Special Pavement Marking (1 parking spot), ~~and 16~~ all sign posts and associated sign panels including the ADA signage and warning signs every 100 feet around perimeter of pond as detailed on the Construction Drawings.
3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.
4. Full payment will be made after testing and strength requirements are confirmed.

~~L~~N. BID ITEM 6.0 – LANDSCAPING WORK

1. Payment for the work included under this bid item shall be made at unit bid price for the placement of sod/turf, an irrigation system, and landscaping improvements as required under the contract documents. This work excludes the decorative fountain ~~(see Additive Alternate No. 2)~~.
2. Payment for the work included under this bid item shall be made for

CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH

the placement of 9,789 square yards of sod/turf as required under the contract documents.

3. Payment shall include all material, labor, equipment, and incidentals necessary to install an irrigation system including but not limited to piping, valves, spray nozzles, water connections, taps, controllers, sensors, electrical improvements and other associated appurtenances as detailed on the Construction Drawings:
4. Payment shall also include all material, labor, equipment, and incidentals necessary to install landscaping features (i.e., plants, trees, and shrubs, mulch, groundcover, etc.) included on the Construction Drawings.
5. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

M.O. BID ITEM 7.0 – EARTHWORK

1. Payment for this items shall be made based on percentage of work completed. It is estimated based on the original survey and the proposed contours, that an estimated 29,655 cubic yards will need to be removed from pond areas. This calculation does not include fill that may be required on site. The AutoCAD file can be made available to the Contractor upon request to assist with estimating quantities. This payment shall be for inground measurements (not truck measured).
2. This line item also includes the removal, hauling and disposal or repurposing of the soil removed from the site and any expenses or fees associated with that effort.
- ~~2.3.~~ Payment for the Work included under this bid item shall also be made at unit bid price for fencing (approximately 440 linear feet) as required under the Contract Documents.
- ~~3.4.~~ Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

~~N. BID ITEM 8.0 – CLEARING, GRUBBING & REMOVAL WORK~~

- ~~1. Payment for this items shall be made based on percentage of work completed.~~
- ~~2. Payment for the work included under this bid item shall be made at the lump sum price bid for the removal of all existing structures being replaced including inlets, sidewalks, curbs, pipes, etc.) as well as~~

**CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH**

~~selective grubbing as required under the contract documents.~~

- ~~3. Payment for the work included under this bid item shall also be made at the unit bid price for the removal of 164 cubic yards of asphalt and road base 22 feet below existing grade for those cut and patch road areas as noted on the Construction Drawings.~~
- ~~4. Payment shall include all material, labor, equipment, and incidentals necessary to remove existing structures and perform selective grubbing activities as noted on the Construction Drawings.~~
- ~~5. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.~~

P. BID ITEM –ALTERNATE A.3.11 TO A.3.15 (ADS HP DUAL WALL)

1. Payment for all work included under this bid item will be made as unit price bid for installing ADS high-performance dual wall pipe or approved equal in lieu of the reinforced concrete piping (RCP) for the 15-, 18-, 24- and 36-inch drainage pipe as required under Bid Item No. 3 – Drainage Work and the contract documents.
2. Payment shall include but not be limited to furnishing all material, labor, equipment, and incidentals necessary to install the double wall high-performance pipe in accordance with the contract documents.
3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

Q. BID ITEM – ALTERNATE A.4.1.a TO A.4.1.c (ASPHALT WALKING PATH)

1. Payment for all work included under this bid item will be made as a percentage of work completed for all work related to constructing the ~~68~~-foot-wide by 1,541-foot-long asphalt walking path (approximately ~~113-149~~ tons of asphalt) in lieu of Bid Line Item 4.1 - Concrete Sidewalk in accordance with the contract documents.
2. Payment shall include but not be limited to ~~installation~~-construction of subbase (Type B Stabilization at 1,370 square yards), optional base (Base Group 4 – 6-inch Limerock at 1,370 square yards), and 2-inch overlay of SP 9.5 Asphaltic Concrete (149 tons) for the ~~an~~ asphalt walking path and other required and associated work or materials.
3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

CITY OF PARKER - INVITATION TO BID NO. 2024-01
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH

4. Alternate A. 4.1.a to A.4.1.c should represent all costs associated with constructing an asphalt path instead of a concrete path.

R. BID ITEM –ALTERNATE A.6.4 (DECORATIVE FOUNTAIN)

1. Payment for all work included under this bid item will be considered as Alternate No. A.6.4 and made at the lump sum price bid for furnishing all work related to constructing the decorative fountain in accordance with the contract documents.
2. Payment shall include all material, labor, equipment, and incidentals necessary to install the decorative fountain including the decorative fountain components from KASCO (manufacturer) or approved equal, nylon double braided rope, tie downs, power cord, and any other electrical components required to have a fully functional and operating fountain.
3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

END OF SECTION 01150



**INVITATION TO BID 2023-01
CITY OF PARKER
ROADWAY IMPROVEMENTS - PHASE 1
ADDENDUM NO. 2**

ATTACHMENT C

REVISED CONSTRUCTION DRAWINGS

CONSTRUCTION PLANS

INLAND FLOOD PROTECTION RETENTION POND
and WALKING PATH

PREPARED FOR:
CITY OF PARKER, FLORIDA

CITY COUNCIL

- MAYOR, ANDREW KELLY
- COUNCIL MEMBER/MAYOR PRO-TEM, TONYA BARROW
- COUNCIL MEMBER, RONALD H. CHAPLE
- COUNCIL MEMBER, JOHN HANEY
- COUNCIL MEMBER, TO BE DETERMINED



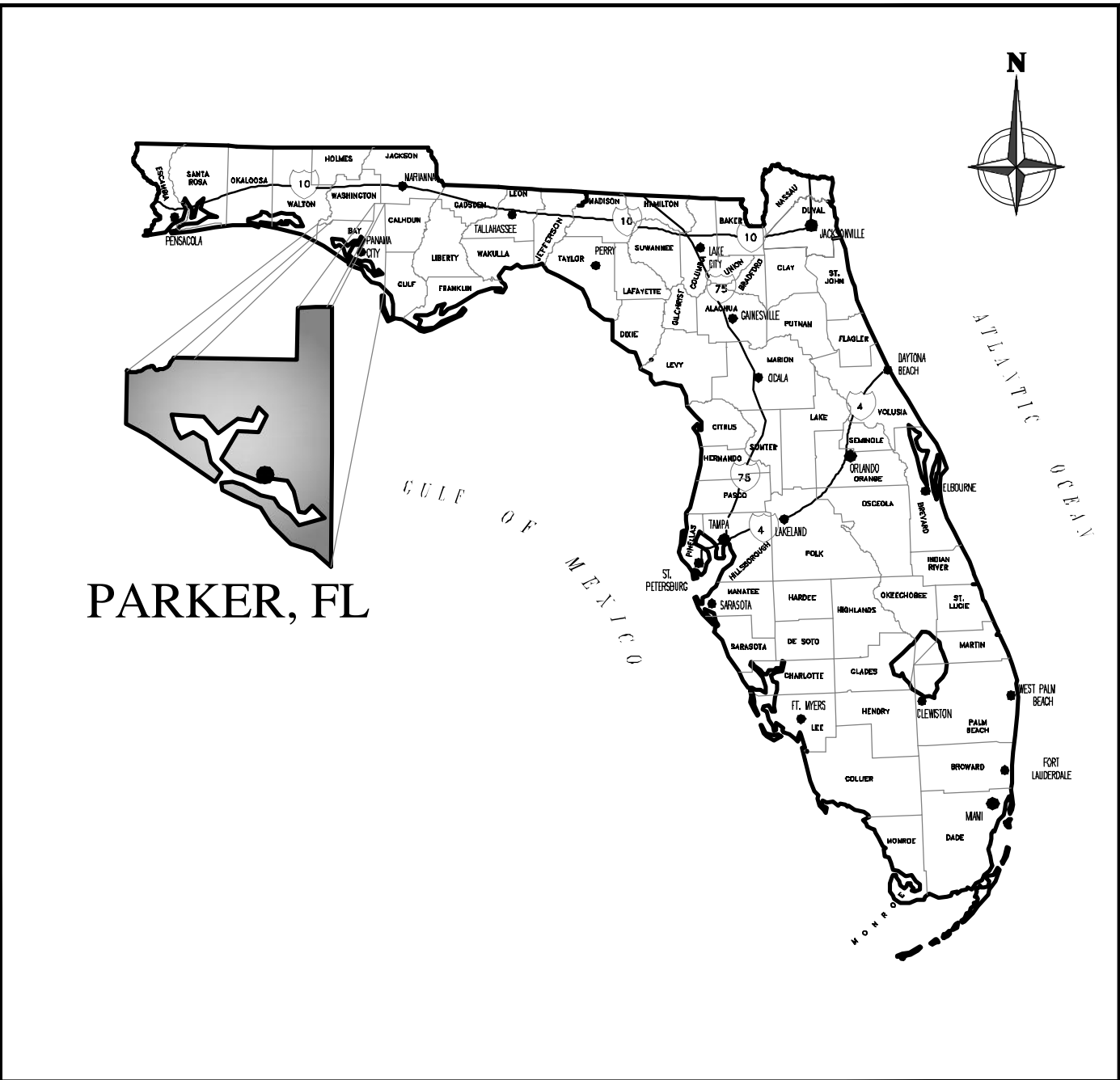
BID SET

No.	DATE	DESCRIPTION
3		
2	03/13/2024	ADDENDUM 2
1	03/06/2024	ADDENDUM 1

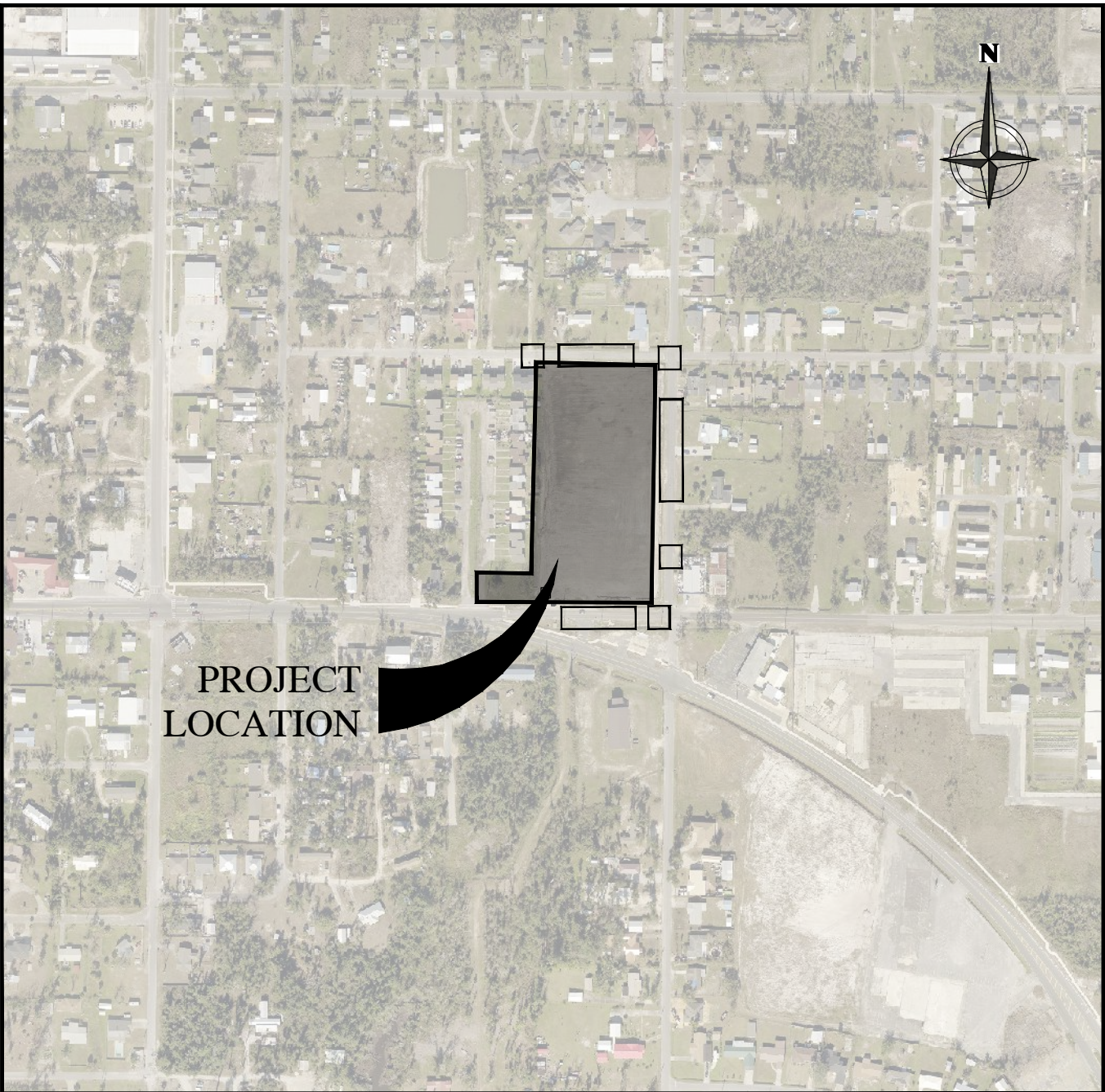


CERTIFICATE OF AUTHORIZATION No.: 31422
ELIZABETH S. MOORE, P.E. No.: 57607
THE ABOVE NAMED PROFESSIONAL ENGINEER
SHALL BE RESPONSIBLE FOR THE FOLLOWING
SHEETS INDICATED BY (*) IN ACCORDANCE WITH
RULE 61G15-23.005, F.A.C.

VICINITY
MAP



LOCATION
MAP



INDEX OF SHEETS

- (*) C0.0

COVER SHEET
TOPOGRAPHIC SURVEY (NORTH 11TH STREET PARCEL)
TOPOGRAPHIC SURVEY (CHERI LANE PARCEL)
- (*) C0.1

GENERAL NOTES
- (*) C0.2

STORMWATER POLLUTION PREVENTION * EROSION CONTROL PLAN
- (*) C0.3

STORMWATER POLLUTION PREVENTION PLAN
- (*) C1.0

EXISTING SITE DEMOLITION PLAN
- (*) C1.1

SITE IMPROVEMENTS PLAN
- (*) C1.2

SITE GRADING AND DRAINAGE PLAN
- (*) C1.3

MAINTENANCE OF TRAFFIC SITE PLAN
- C1.4

MAINTENANCE OF TRAFFIC FDOT STANDARD INDEX SHEETS
- (*) C2.0

CONSTRUCTION DETAILS
- (*) C2.1

CONSTRUCTION DETAILS
- (*) C2.2

STORMWATER POND 1 DETAILS
- (*) C2.3

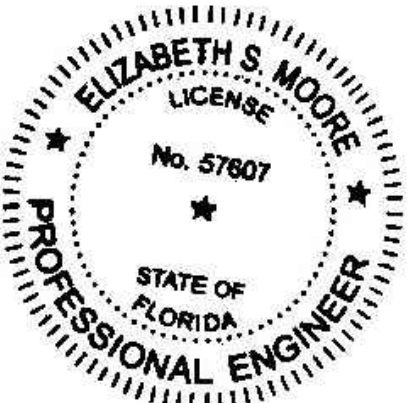
STORMWATER PONDS 2, 3A & 3B DETAILS
- L1

LANDSCAPE PLAN
- L2

LANDSCAPE PLAN
- L3

IRRIGATION PLAN
- L4

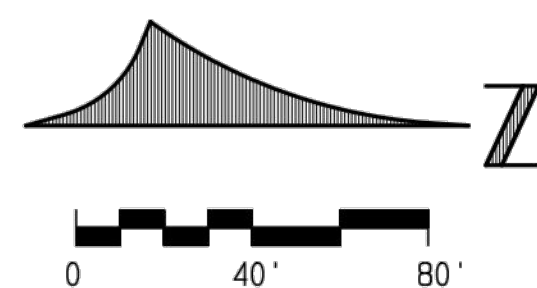
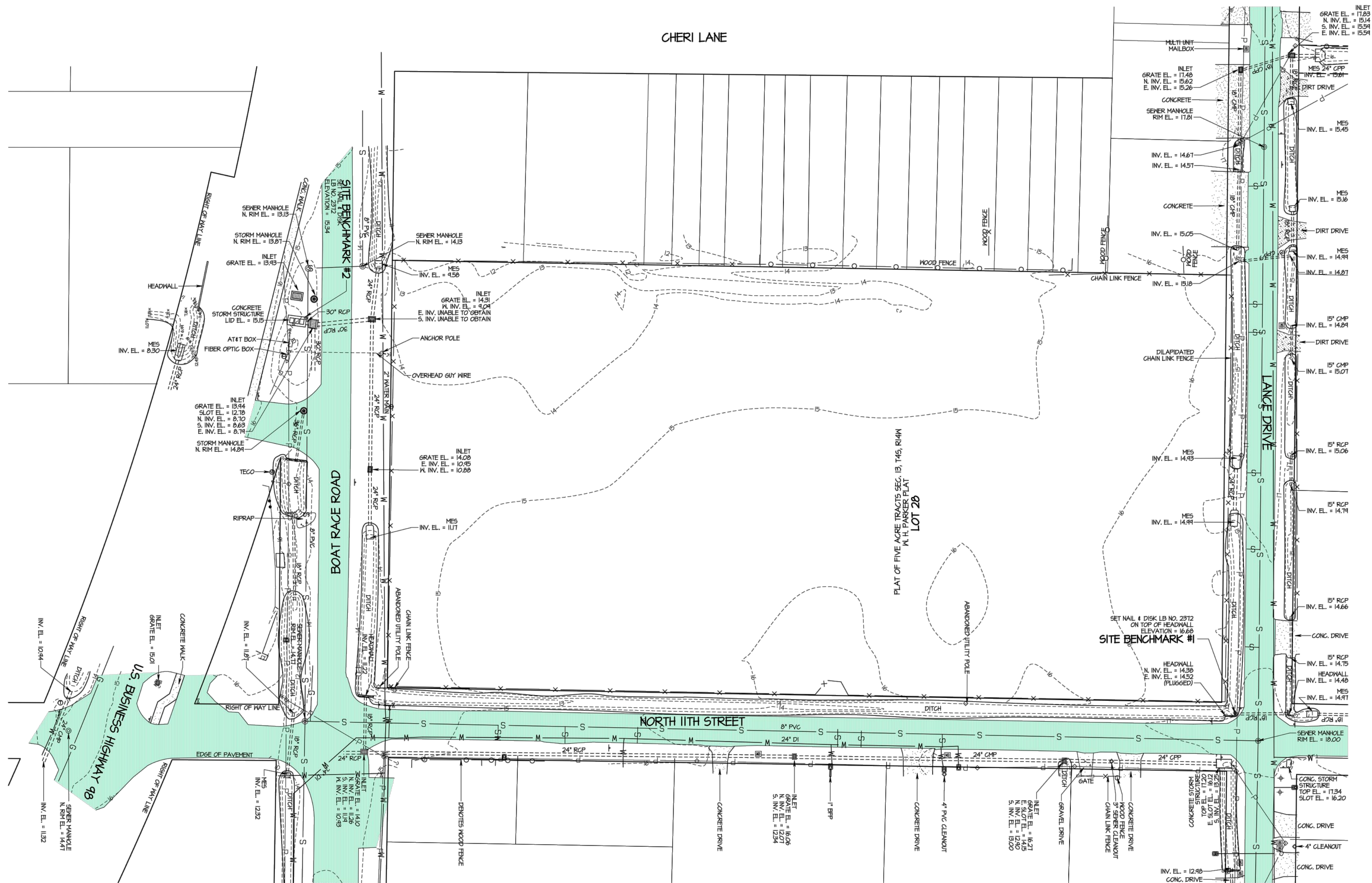
IRRIGATION PLAN



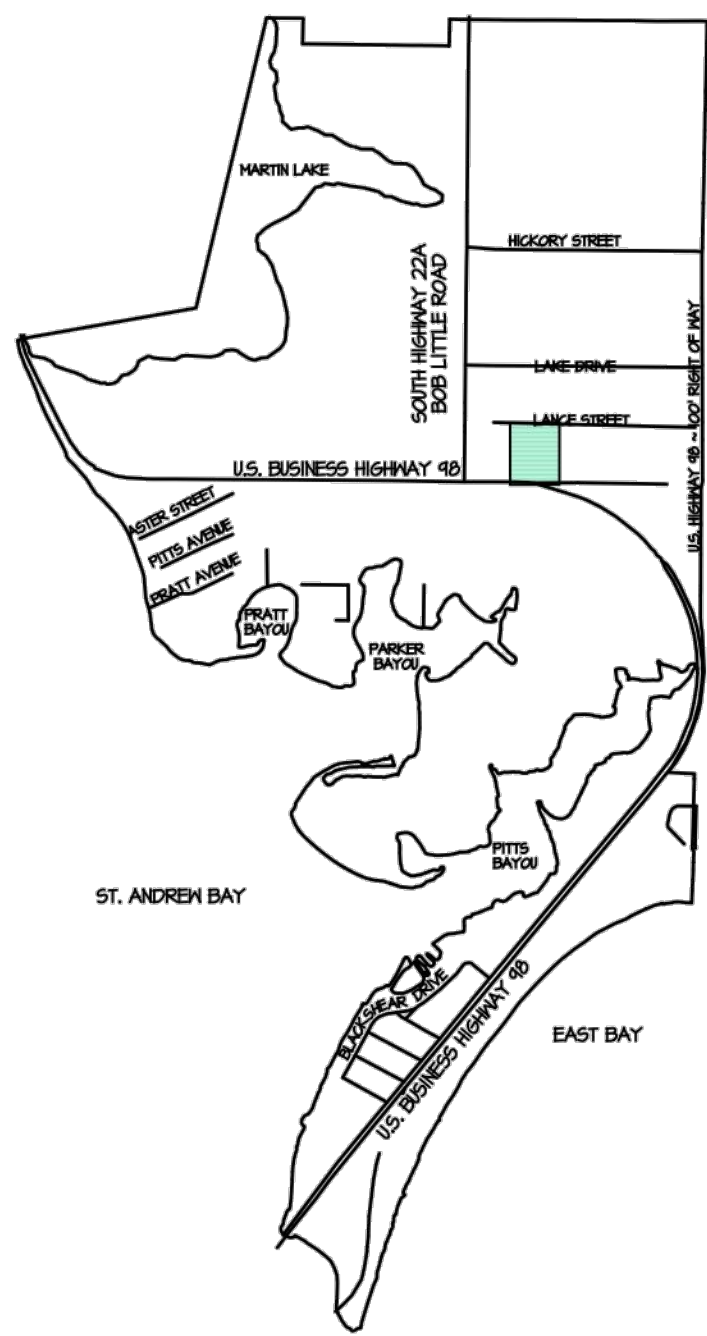
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED AND THE SIGNATURE
MUST BE VERIFIED ON ANY ELECTRONIC DOCUMENTS.

DATE: 3/13/2024

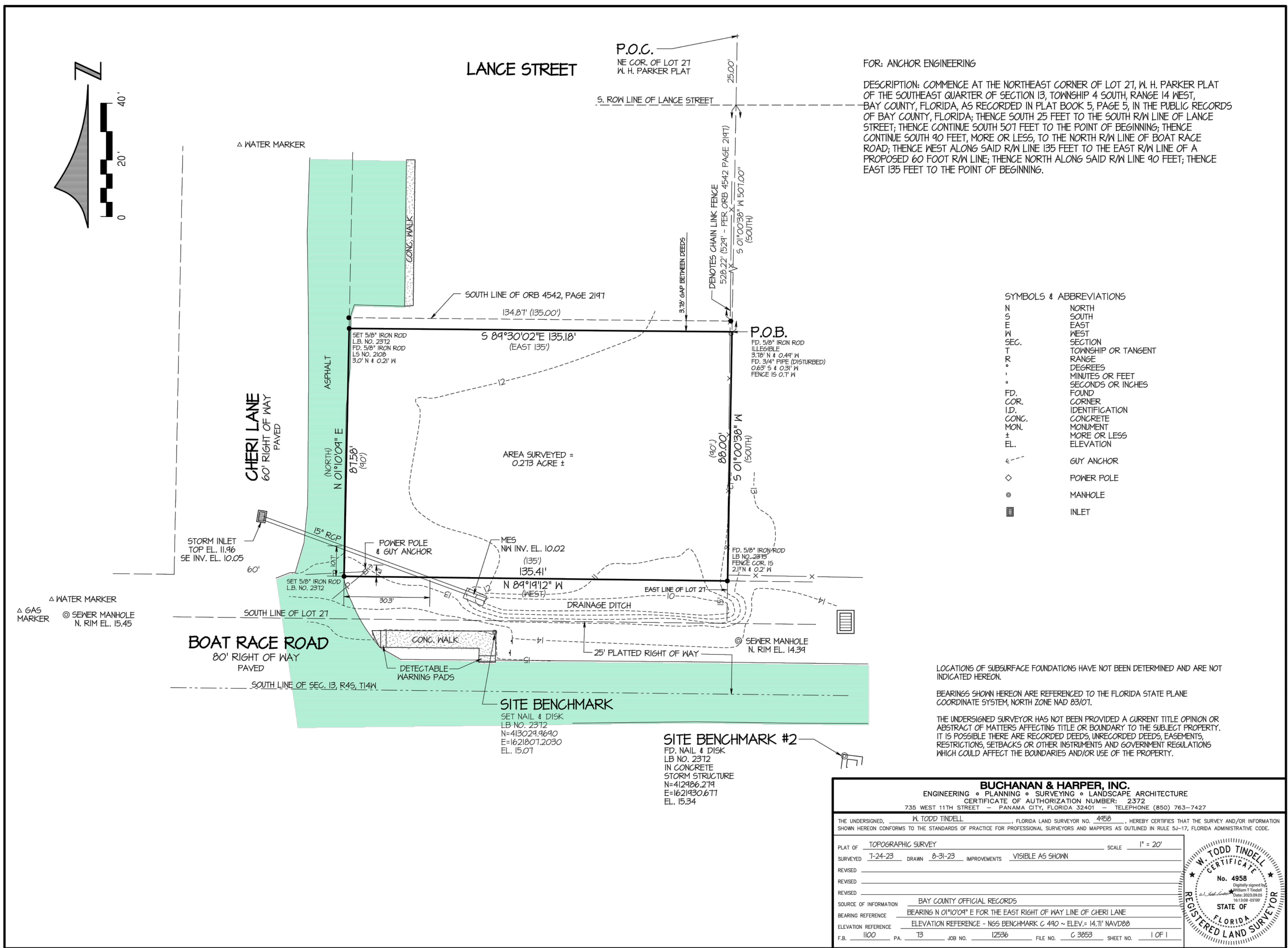


CITY OF PARKER, FLORIDA



KEY MAP
NOT TO SCALE

BUCHANAN & HARPER, INC. ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE CERTIFICATE OF AUTHORIZATION NUMBER: 2372 735 WEST 11TH STREET - PANAMA CITY, FLORIDA 32401 - TELEPHONE (850) 763-7427	
THE UNDERSIGNED, <u>M. TODD TINDLE</u> , FLORIDA LAND SURVEYOR NO. <u>4958</u> , HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON CONFORMS TO THE STANDARDS OF PRACTICE FOR PROFESSIONAL SURVEYORS AND MAPPERS AS OUTLINED IN RULE 5J-17, FLORIDA ADMINISTRATIVE CODE.	
PLAT OF <u>TOPOGRAPHIC SURVEY</u>	SCALE <u>1" = 40'</u>
SURVEYED <u>5-14-22</u>	DRAWN <u>5-14-22</u>
IMPROVEMENTS <u>VISIBLE AS SHOWN</u>	
REVISOR <u>5-14-22</u> ADDED TOPOGRAPHIC INFORMATION	
REVISOR <u>5-14-22</u>	
SOURCE OF INFORMATION <u>AS SHOWN</u>	
BEARING REFERENCE <u>N65° BENCHMARK C 490 - ELEVATION = 14.71 NAVD 88</u>	
ELEVATION REFERENCE <u>1180</u> PA <u>0</u> JOB NO. <u>12251.08</u> FILE NO. <u>E 3847</u> SHEET NO. <u>24</u>	



GENERAL PROVISIONS

1. THE CONTRACTOR SHALL OBTAIN FROM THE OWNER COPIES OF ALL AVAILABLE REGULATORY AGENCY PERMITS AND LOCAL AGENCY PERMITS.
2. CONTRACTOR, AS PART OF THE BASE BID, SHALL FIELD LOCATE ALL UNDERGROUND UTILITIES WITHIN THE PROJECT AREA WITHIN THE 30 DAYS OF PROJECT AWARD. CONTRACTOR SHALL REVIEW THE PLANS AND SHALL NOTE ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
3. CONTRACTORS, AS PART OF THE BASE BID, SHALL PROVIDE ALL COORDINATION WITH UTILITY PROVIDERS TO PROVIDE FOR THE MATERIALS AND WORK NEEDED TO PROVIDE SERVICES TO THE PROJECT.
4. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE FOR ALL DEMOLITION OF ABOVE GROUND AND UNDERGROUND IMPROVEMENTS IN ORDER TO CONSTRUCT THE PROPOSED IMPROVEMENTS NOTED ON THE PLANS. UNLESS APPROVED IN WRITING FROM THE OWNER, ALL MATERIALS SHALL BE REMOVED FROM THE SITE AS PART OF THE BASE BID.
5. ALL DETAILS AND REFERENCES TO FDOT REFER TO THE LATEST EDITION OF THE FDOT DESIGN STANDARDS.
6. CONTRACTOR AND HIS SURVEYOR SHALL NOTE THE PROJECT BENCHMARK INFORMATION PROVIDED IN THE PLANS AND VERIFY PRIOR TO CONSTRUCTION.
7. ALL CONSTRUCTION PROJECTS 1 OR MORE ACRES IN SIZE THAT DISCHARGE TO OFFSITE AREAS ARE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORMWATER DISCHARGE FROM SMALL AND LARGE CONSTRUCTION ACTIVITIES. IN ORDER TO MEET NPDES REQUIREMENTS, THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING, INSPECTING, MAINTAINING, AND REPORTING ON ALL ELEMENTS OF THE SWPPP, COMPLETING AND SUBMITTING THE REQUIRED NOTICE OF INTENT (NOI) AND NOTICE OF TERMINATION (NOT) FORMS AS THE OPERATOR, AND PAYING ALL ASSOCIATED FEES. FOR PROJECTS LESS THAN 1 ACRE IN SIZE THAT ARE NOT REQUIRED TO COMPLY WITH THE NPDES GENERAL PERMIT, THE CONTRACTOR IS STILL RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO AND DURING CONSTRUCTION IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
8. UNLESS OTHERWISE NOTED ON THE PLANS, THE CONTRACTOR SHALL USE THE GEOMETRY PROVIDED ON THE CONSTRUCTION PLANS. BENCHMARK INFORMATION SHALL BE PROVIDED TO THE CONTRACTOR BY THE OWNER OR OWNER'S SURVEYOR. ANY DISCREPANCIES BETWEEN FIELD MEASUREMENTS AND CONSTRUCTION PLAN INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
9. BASE SURVEY INFORMATION INCLUDING BUT NOT LIMITED TO ELEVATIONS, EASEMENTS, RIGHTS OF WAY, AND OTHER TOPOGRAPHIC INFORMATION HAS BEEN PREPARED BY OTHER PROFESSIONALS. ANCHOR CEI, INC. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.
10. THIS SET OF PLANS MAY CONTAIN DRAWINGS PREPARED BY OTHER PROFESSIONALS, WHICH CONTAIN THE NAME, ADDRESS, AND LOGO OF THE PROFESSIONAL. ANCHOR CEI, INC. IS NOT RESPONSIBLE FOR DRAWINGS PREPARED BY OTHER PROFESSIONALS.
11. PROTECT BENCHMARKS, PROPERTY CORNERS, AND OTHER SURVEY MONUMENTS FROM DAMAGE OR DISPLACEMENT. IF MARKER NEEDS TO BE REMOVED IT SHALL BE REFERENCED BY LICENSED LAND SURVEYOR AND REPLACED, AS NECESSARY, BY SAME.
12. THE CONTRACTOR IS RESPONSIBLE FOR ALL QUALITY CONTROL TESTING. AS A MINIMUM, TESTING SHALL INCLUDE A) PIPING AND STRUCTURAL EXCAVATION, BEDDING AND BACKFILL MATERIALS AND DENSITY TESTS; B) DETERMINATION OF COMPACTIVE EFFORT NEEDED FOR COMPLIANCE WITH THE DENSITY REQUIREMENTS; C) PORTLAND CEMENT CONCRETE AND ASPHALT PAVING QUALITY CONTROL TESTING INCLUDING DESIGN MIX REVIEW, MATERIALS, FIELD SLUMP AND AIR CONTENT, AND FIELD AND LAB CURED STRENGTH SAMPLES AND TESTING.
13. IN ADDITION TO QUALITY CONTROL TESTING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED TESTING OR APPROVALS FOR ANY WORK (OR ANY PART THEREOF) IF LAWS OR REGULATIONS OF ANY PUBLIC BODY HAVING JURISDICTION SPECIFICALLY REQUIRE TESTING, INSPECTIONS OR APPROVAL. THE CONTRACTOR SHALL PAY ALL COSTS IN CONNECTION THEREWITH AND SHALL FURNISH THE OWNER AND ENGINEER THE REQUIRED CERTIFICATES OF INSPECTION, TESTING OR APPROVAL.

4. ANY DESIGN OR TESTING LABORATORY UTILIZED BY THE CONTRACTOR SHALL BE AN INDEPENDENT LABORATORY ACCEPTABLE TO THE OWNER AND THE ENGINEER, APPROVED IN WRITING, AND COMPLYING WITH THE LATEST EDITION OF THE "RECOMMENDED REQUIREMENTS FOR INDEPENDENT LABORATORY QUALIFICATION", PUBLISHED BY THE AMERICAN COUNCIL OF INDEPENDENT LABORATORIES.
15. TESTING RESULTS SHALL BE PROVIDED TO THE OWNER/OPERATOR AND THE ENGINEER. ALL TEST RESULTS SHALL BE PROVIDED (PASSING AND FAILING) ON A REGULAR AND IMMEDIATE BASIS.
16. THE ENTIRE PROJECT SITE SHALL BE THOROUGHLY CLEANED AT THE COMPLETION OF THE WORK. CLEAN ALL INSTALLED PIPELINES, STRUCTURES, SIDEWALKS, PAVED AREAS, ACCUMULATED SILT IN PONDS, PLUS ALL ADJACENT AREAS AFFECTED BY CONSTRUCTION, AS DIRECTED BY THE OWNER OR JURISDICTIONAL AGENCY. EQUIPMENT TO CLEAN THESE SURFACES SHALL BE SUBJECT TO APPROVAL BY THE OWNER.
17. ALL DISTURBED AREAS WITHIN RIGHT OF WAYS SHALL HAVE SOD COVER.
18. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT BE LIMITED, FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
19. THE CONTRACTOR SHALL RECOGNIZE AND ABIDE BY ALL OSHA EXCAVATION SAFETY STANDARDS, INCLUDING THE FLORIDA TRENCH SAFETY ACT (90-96, LAWS OF FLORIDA). ANY MATERIAL, CONSTRUCTION METHODS, OR MATERIAL COST TO COMPLY WITH THESE LAWS SHALL BE INCIDENTAL TO THE CONTRACT.
20. CONTRACTOR MUST STOP OPERATION AND NOTIFY THE OWNER FOR PROPER DIRECTION IF ANY ENVIRONMENTAL OR HEALTH RELATED CONTAMINATE IS ENCOUNTERED DURING EXCAVATION.

TRAFFIC CONTROL

1. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A MAINTENANCE OF TRAFFIC (M.O.T.) PLAN PRIOR TO CONSTRUCTION. THE M.O.T. PLAN SHALL SHOW ALL PROPOSED TRAFFIC CONTROL SIGNS, PAVEMENT MARKINGS, AND BARRICADES, AND SHALL DETAIL ALL PROPOSED CONSTRUCTION SEQUENCING. THE M.O.T. PLAN AND INSTALLED TRAFFIC CONTROL MEASURES SHALL BE APPROVED BY THE ENGINEER, OWNER, AND ROADWAY JURISDICTIONAL AGENCY PRIOR TO CONSTRUCTION. IN GENERAL, ROADWAY AND DRIVEWAY LANE CLOSURES ARE PROHIBITED DURING CONSTRUCTION UNLESS SPECIFICALLY DETAILED ON THESE PLANS. IN THE EVENT IT IS DETERMINED THAT ROADWAY AND DRIVEWAY LANE CLOSURES WILL BE ALLOWED, THE CLOSURES SHALL BE RESTRICTED TO THE HOURS BETWEEN 9:00 A.M. AND 4:00 P.M. UNLESS OTHERWISE AUTHORIZED IN THE APPROVED M.O.T.
2. ALL TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH FDOT INDEX NO. 600 AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL TRAFFIC CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND MAINTAINED DURING CONSTRUCTION.
3. INSPECT TRAFFIC CONTROL DEVICES ON A DAILY BASIS TO ENSURE PLACEMENT OF BARRICADES AND FUNCTION OF LIGHTS IS MAINTAINED THROUGHOUT CONSTRUCTION.
4. CONTACT PROPERTY OWNERS AFFECTED BY CONSTRUCTION. COORDINATE TEMPORARY DRIVEWAY CLOSURES AND SEQUENCING. MAINTAIN ACCESS FOR ALL PROPERTY OWNERS DURING CONSTRUCTION.
5. WET UN-STABILIZED AREAS AS NECESSARY TO CONTROL DUST.
6. ADJUST TRAFFIC CONTROL DEVICES AS REQUIRED UNDER EMERGENCY CONDITIONS.
7. THE CONTRACTOR IS EXPECTED TO COORDINATE ITS ACTIVITIES WITH OTHER CONTRACTORS WHO MAY BE WORKING IN THE IMMEDIATE VICINITY.
8. WHEN WORK OCCURS WITHIN 15-FT OF ACTIVE ROAD TRAVEL LANES BUT NO CLOSER THAN 2-FT FROM THE EDGE OF PAVEMENT, SIGNAGE AND WARNING DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH FDOT INDEX NO. 600 AND 602.

9. TYPE I OR TYPE II BARRICADES AT 20-FT CENTERS SHALL BE PLACED AND MAINTAINED ALONG THE EDGE OF THE ROAD WHEREVER DROP-OFFS OR OTHER HAZARDS EXIST AND TO BLOCK ENTRANCE INTO COMPLETED OR PARTIALLY COMPLETED PAVEMENTS UNTIL SUCH PAVEMENTS ARE OPEN TO PUBLIC USE.

PAVING, SIDEWALKS, AND CURBING

1. MATERIALS AND CONSTRUCTION METHODS FOR THE ROADWAY AND PAVING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
2. ROADWAY PAVING, BASE, AND SUB-GRADE THICKNESS SHALL BE IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS.
3. SIDEWALKS ARE TO BE CONSTRUCTED IN THE AREAS AS SHOWN ON THE CONSTRUCTION PLANS. HANDICAPPED RAMPS SHALL BE PROVIDED AT ALL INTERSECTIONS AND SHALL BE IN ACCORDANCE WITH THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION, LATEST EDITION.
4. CURBING SHALL BE CONSTRUCTED WHERE NOTED ON THE CONSTRUCTION PLANS. ALL CURBS SHALL HAVE SAW CUT CONTRACTION JOINTS AND SHALL BE CONSTRUCTED AT INTERVALS NOT TO EXCEED 10'-0" ON CENTER. CONSTRUCTION OF CURBS SHALL BE IN CONFORMANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) SECTION 520 AND DETAILS PROVIDED ON THE CONSTRUCTION PLANS.
5. FIELD COMPACTION DENSITY, STABILITY, AND THICKNESS TESTING FREQUENCIES OF SUB-BASE, BASE, AND ASPHALT SHALL BE TESTED ONCE EVERY 300 LINEAR FEET OF PAVING PER 24-FT WIDE STRIP, STAGGERED LEFT, CENTER AND RIGHT OF CENTERLINE. WHERE LESS THAN 300 LINEAR FEET OF SUB-BASE, BASE, AND ASPHALT IS PLACED IN ONE DAY, PROVIDE MIN. OF ONE TEST FOR EACH PER DAY'S CONSTRUCTION AT A LOCATION DESIGNATED BY THE ENGINEER. ASPHALT EXTRACTION GRADATION SHALL BE TESTED FROM GRAB SAMPLES COLLECTED ONCE EVERY 1800 SQUARE YARDS OF ASPHALT DELIVERED TO THE SITE (OR A MINIMUM OF ONCE PER DAY).

SIGNS AND PAVEMENT MARKINGS

1. ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND THE LATEST IMPLEMENTED EDITION OF FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC WITH RAISED PAVEMENT MARKERS (TYPE 911 - 4" x 4"). RAISED PAVEMENT MARKERS ARE TO BE INSTALLED IN ACCORDANCE WITH THESE PLANS AND FDOT INDEX NO. 17352.
3. PARKING STALL PAVEMENT MARKINGS SHALL BE PAINTED. PAINT SHALL MEET THE REQUIREMENTS OF FDOT SPECIFICATION SECTION 971, NON-REFLECTIVE WHITE TRAFFIC PAINT, TWO COATS.
4. ALL ROADWAY TRAFFIC SIGNS SHALL BE MANUFACTURED USING HIGH INTENSITY RETRO-REFLECTIVE MATERIALS. THE BACK OF ALL FINISHED PANELS SHALL BE STENCILED WITH THE DATE OF FABRICATION, THE FABRICATOR'S INITIALS, AND THE NAME OF THE SHEETING IN THREE-INCH LETTERS.
5. INTERNAL SITE TRAFFIC SIGNS ARE NOT REQUIRED TO BE RETRO-REFLECTIVE.
6. THE CONTRACTOR SHALL VERIFY THE REQUIRED LENGTH OF THE SIGN COLUMN SUPPORTS IN THE FIELD PRIOR TO FABRICATION.
7. CONTRACTOR SHALL PROVIDE AND INSTALL ALL SIGNS, BASES, ANCHOR BOLTS, CONDUITS, WIRING, ETC.
8. ALL PAVEMENT MARKINGS REQUIRE LAYOUT APPROVAL IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION.
9. PRIOR TO FINAL PAVEMENT MARKING INSTALLATION, A TWO WEEK CURE TIME OF THE ASPHALT IS REQUIRED.



This item has been electronically signed and sealed by
ELIZABETH S. MOORE, PE
on March 13, 2024
using a digital signature.
Printed copies of this document
are not considered signed and
sealed and the signature must be
verified on any electronic copies.

Elizabeth S. Moore, PE
FL License No.: 57607

No.	Date	Revision
1		
2		
3		
4		
5		
6		
7		

Designed: B. Silcox

Drawn: B. Silcox

Checked: E. Moore, P.E.

Job No.: 1620.011

Date: 3/13/2024 © 20

GENERAL NOTES

**ND FLOOD PROTECTION
RETENTION POND
AND WALKING PATH
PARKER, FLORIDA**

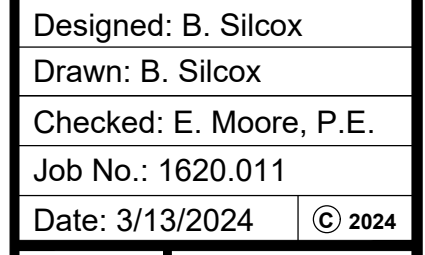
THIS SHEET NOT VALID FOR
CONSTRUCTION WITHOUT
COMPLETE SET OF PLANS.

Sheet No.
CO.1



--	--	--	--	--	--	--	--

ACREAGE SUMMARY	
TOTAL SITE AREA	4.46 A.C.
TOTAL DISTURBED AREA	5.06 A.C.



**STORMWATER POLLUTION
PREVENTION PLAN**

**INLAND FLOOD PROTECTION
RETENTION POND
AND WALKING PATH
PARKER, FLORIDA**

THIS SHEET NOT VALID FOR
CONSTRUCTION WITHOUT
COMPLETE SET OF PLANS.

Sheet No.
CO.2

Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

1. CONTRACTOR TO COMPLETE CLEARING AND GRUBBING OF THE SITE AS NEEDED. SITE WILL REQUIRE CLEANING MOSTLY GRASS AND TOPSOIL.
2. NO DEMOLITION IS ANTICIPATED WITH RESPECT TO UTILITIES.



signed and sealed by
ELIZABETH S. MOORE, PE
on March 13, 2024
using a digital signature.

Printed copies of this document
are not considered signed and
sealed and the signature must be
verified on any electronic copies.

Elizabeth S. Moore, PE
FL License No.: 57607

No.	Date	Revision
1		
2		
3		
4		
5		
6		
7		

Designed: B. Silcox	
Drawn: B. Silcox	
Checked: E. Moore, P.E.	
Job No.: 1620.011	
Date: 3/13/2024	© 2024

**EXISTING SITE
DEMOLITION PLAN**

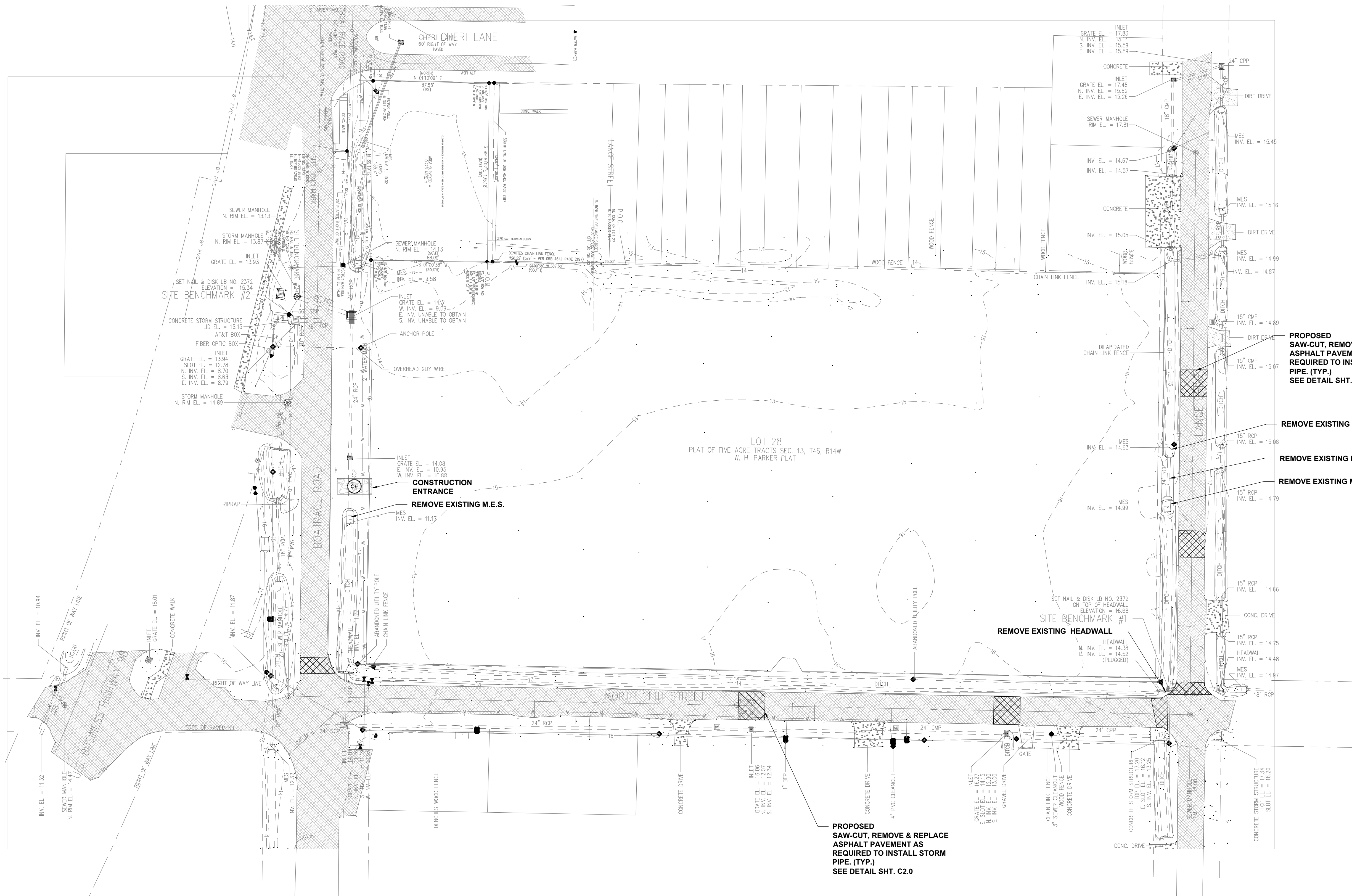
THIS SHEET NOT VALID FOR
CONSTRUCTION WITHOUT
COMPLETE SET OF PLANS.

Sheet No.
C1.0

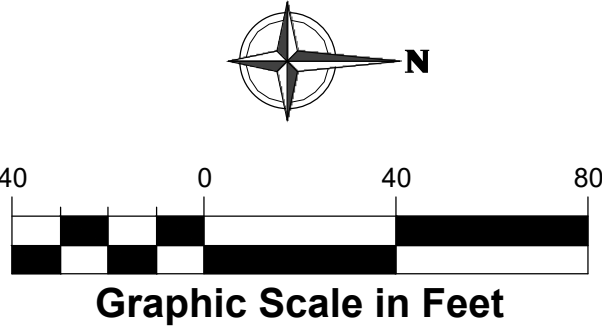
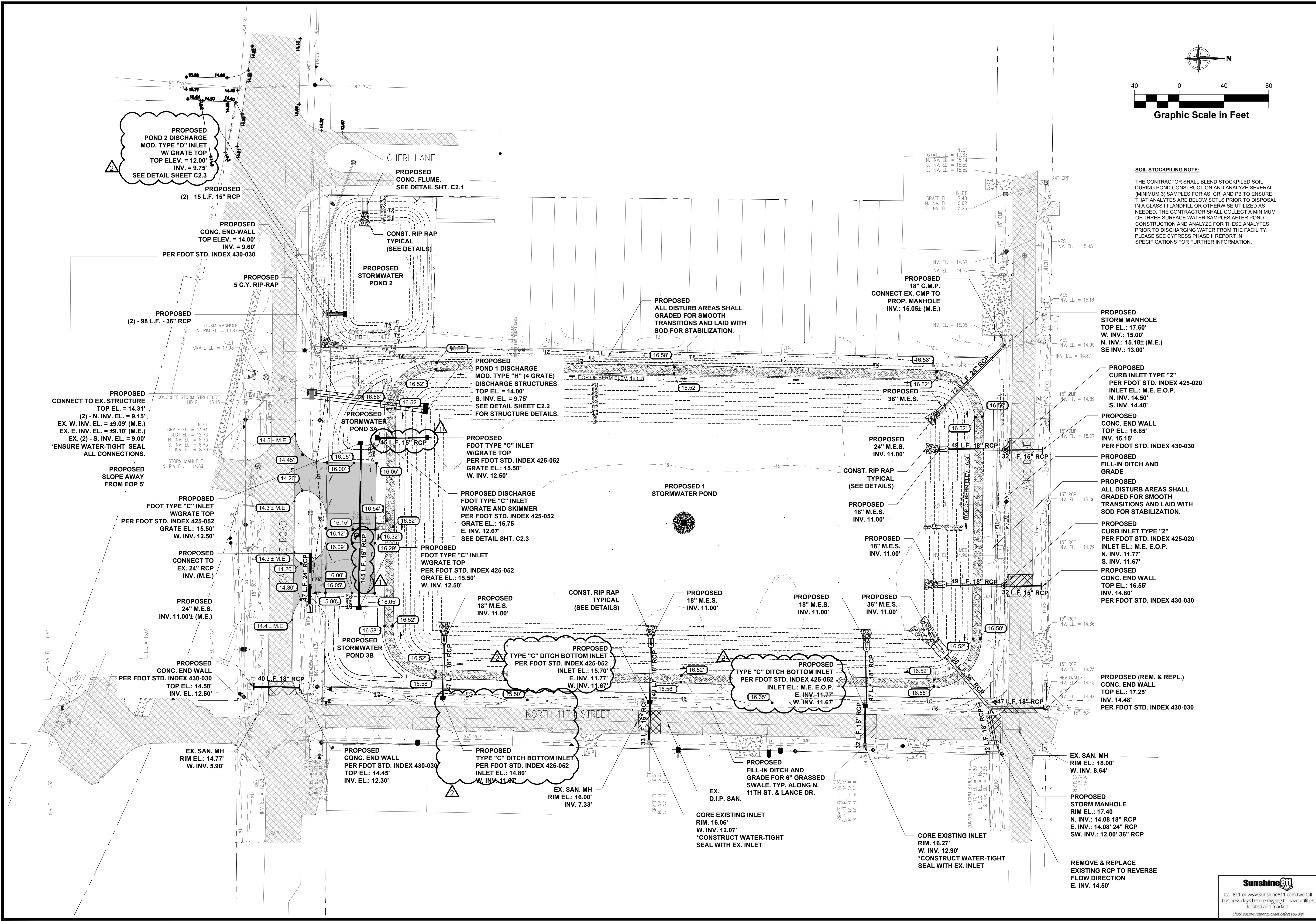


Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

Check positive response codes before you dig!



P:\shortcut-targets-by-id\1olskGE4ZdJHy87n50Py1ZC_IM2vOJWED\Projects\1620 - PARKER\011 - Melendy - 824 11th St\9.0 - CAD WORK\Plans\Phase 2\1620-011_Melendy_Const.dwg, 3/13/2024 3:15:50 PM, Bill Silcox



SOIL STOCKPILING NOTE:
THE CONTRACTOR SHALL BLEND STOCKPILED SOIL DURING POND CONSTRUCTION AND ANALYZE SEVERAL (MINIMUM 3) SAMPLES FOR AS, CR, AND PB TO ENSURE THAT ANALYTES ARE BELOW SCITLS PRIOR TO DISPOSAL IN A CLASS III LANDFILL OR OTHERWISE UTILIZED AS NEEDED. THE CONTRACTOR SHALL COLLECT A MINIMUM OF THREE SURFACE WATER SAMPLES AFTER POND CONSTRUCTION AND ANALYZE FOR THESE ANALYTES PRIOR TO DISCHARGING WATER FROM THE FACILITY. PLEASE SEE CYPRESS PHASE II REPORT IN SPECIFICATIONS FOR FURTHER INFORMATION.



This form has been electronically signed and sealed by ELIZABETH S. MOORE, PE on March 13, 2024. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
Elizabeth S. Moore, PE
FL License No. 57607
CA Number: 31422

No.	Date	Revision
03/13/24	ADDENDUM 2	
03/06/24	ADDENDUM 1	

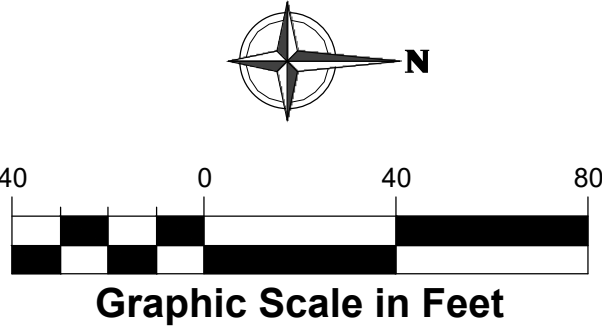
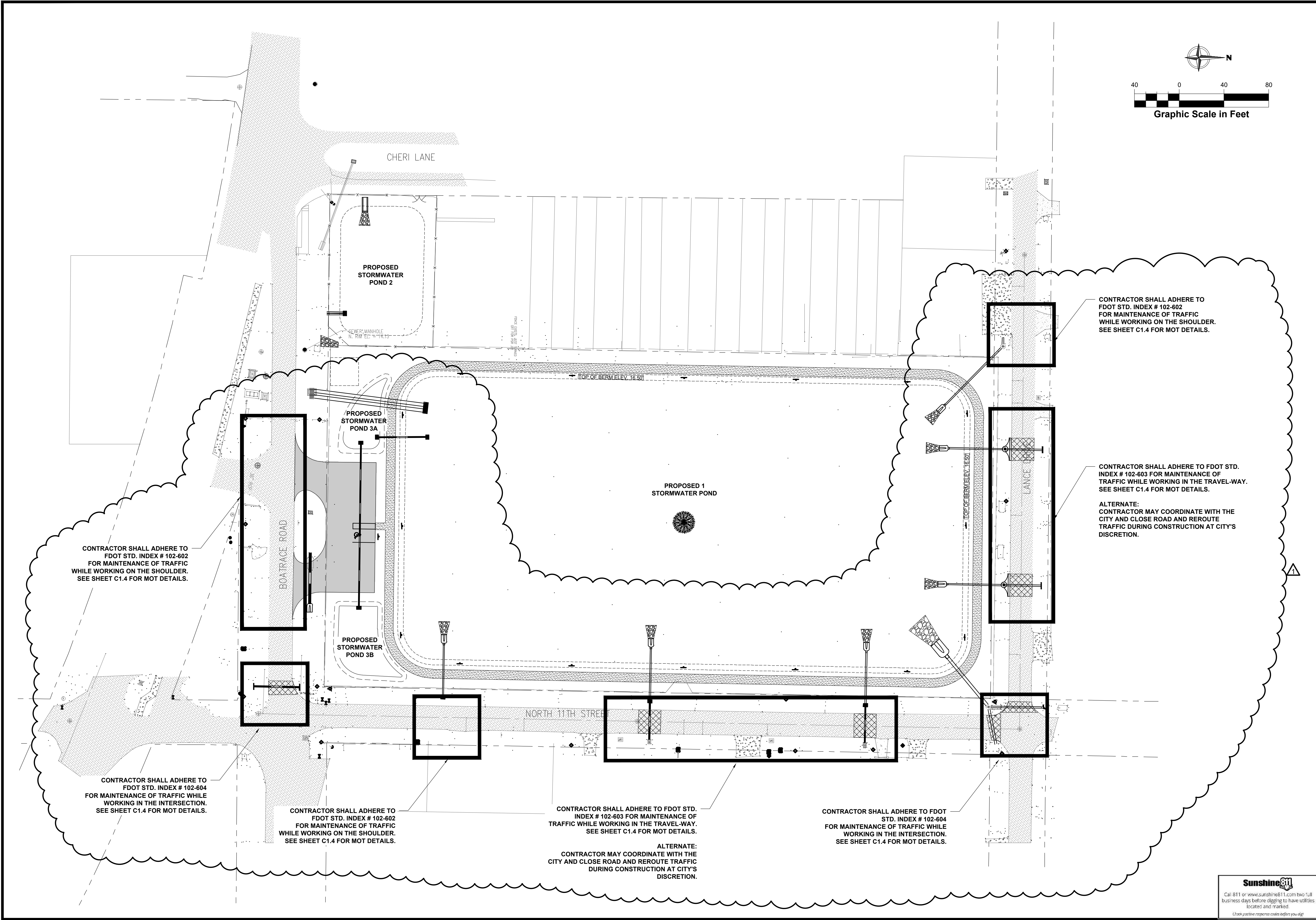
Designed: B. Silcox
Drawn: B. Silcox
Checked: E. Moore, P.E.
Job No.: 1620.011
Date: 3/13/2024 © 2024

**GRADING AND DRAINAGE
SITE PLAN**
**INLAND FLOOD PROTECTION
RETENTION POND
AND WALKING PATH
PARKER, FLORIDA**

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C1.2

Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive responses codes before you dig!



AnchorCEI
Engineering that works.
P. 850.215.1285 • F. 850.215.1286
450 Magnolia Avenue, Panama City, FL 32401
CA Number: 31422

This item has been electronically signed and sealed by ELIZABETH S. MOORE, PE on March 13, 2024. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
ELIZABETH S. MOORE, PE
FL License No.: 57607

No.	Date	Revision
03/06/24		ADDENDUM 1
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

Designed: B. Silcox
Drawn: B. Silcox
Checked: E. Moore, P.E.
Job No.: 1620.011
Date: 3/13/2024 © 2024

**MAINTENANCE OF TRAFFIC
SITE PLAN**

**INLAND FLOOD PROTECTION
RETENTION POND
AND WALKING PATH
PARKER, FLORIDA**

THIS SHEET NOT VALID FOR
CONSTRUCTION WITHOUT
COMPLETE SET OF PLANS.

Sheet No.
C1.3

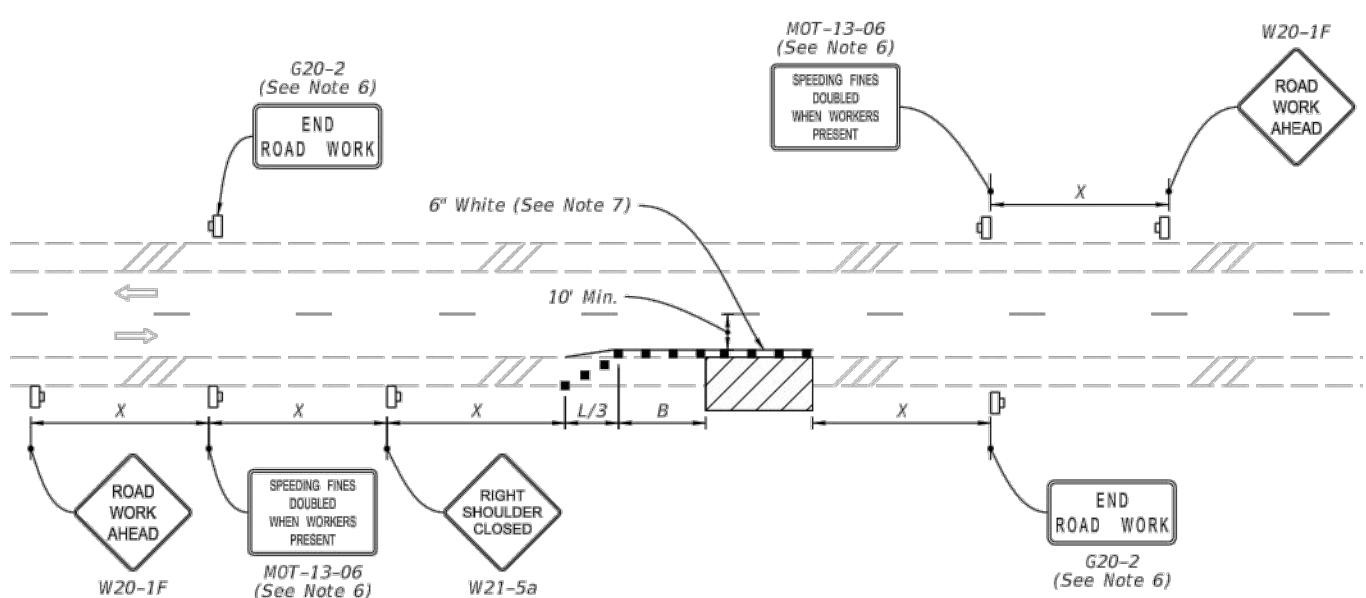
Sunshine811
Call 811 or www.sunshine811.com two full
business days before digging to have utilities
located and marked.
Check positive response codes before you dig!

NOTE:

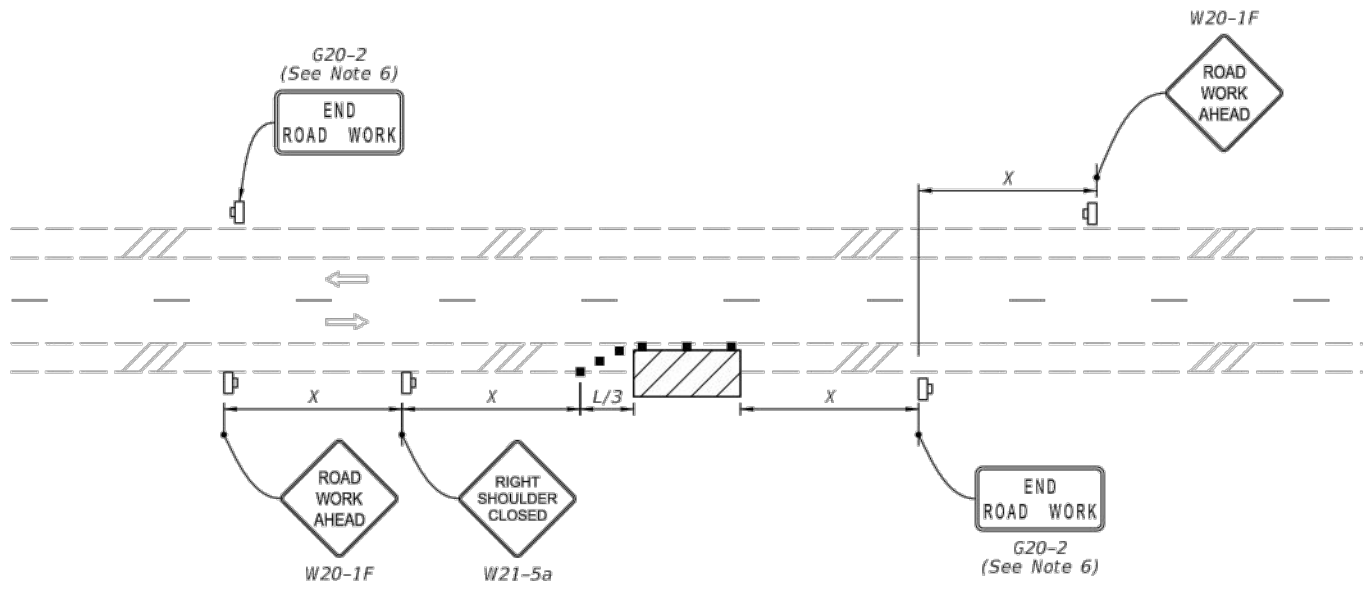
- This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
- L = Taper Length
 X = Work Zone Sign Spacing
 B = Buffer Length
See Index 102-600 for "L", "X", "B", and channelizing device spacing values.
- Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.
- When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.
- For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
- The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.
- Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
- Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
- When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic



TWO-LANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS



TWO-LANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

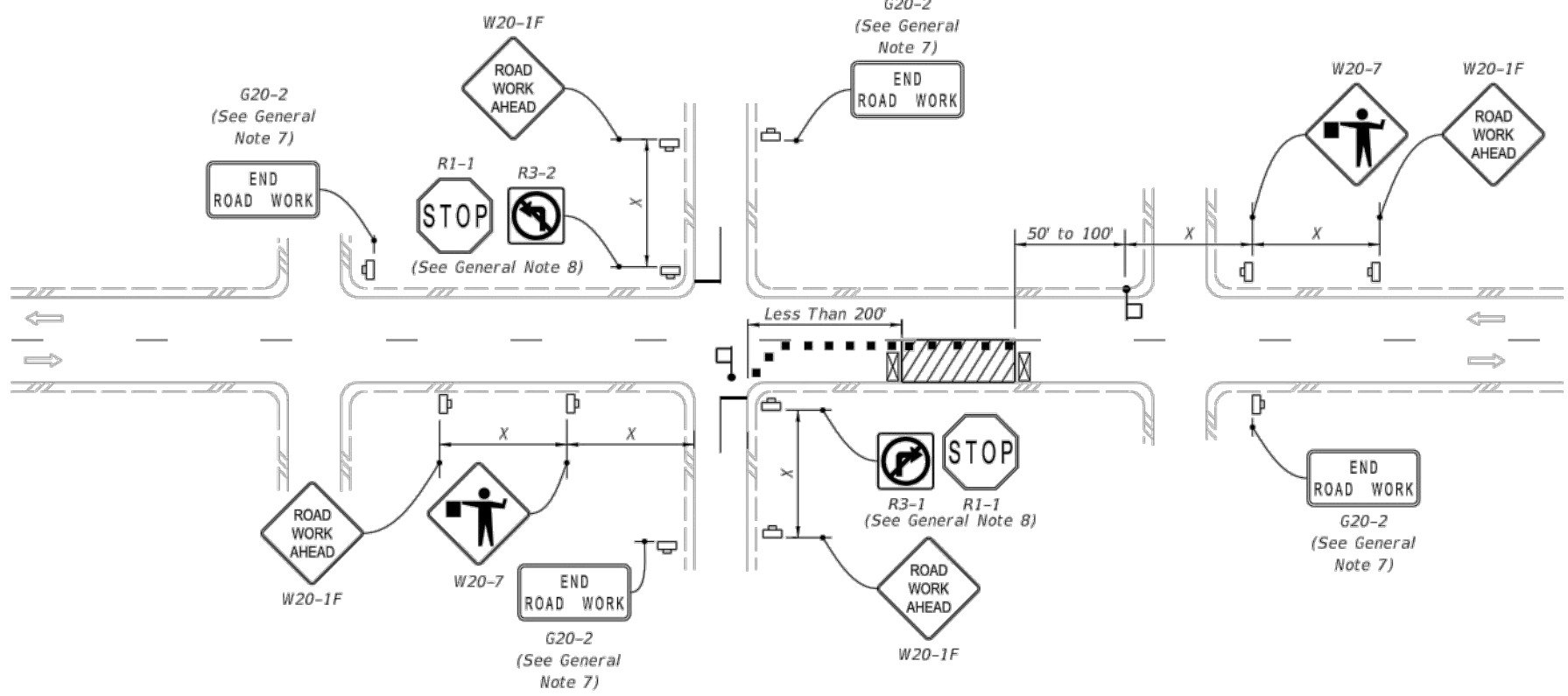
LAST REVISION	DESCRIPTION:	FY 2023-24 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX	SHEET
11/01/21				102-602	1 of 2

GENERAL NOTES:

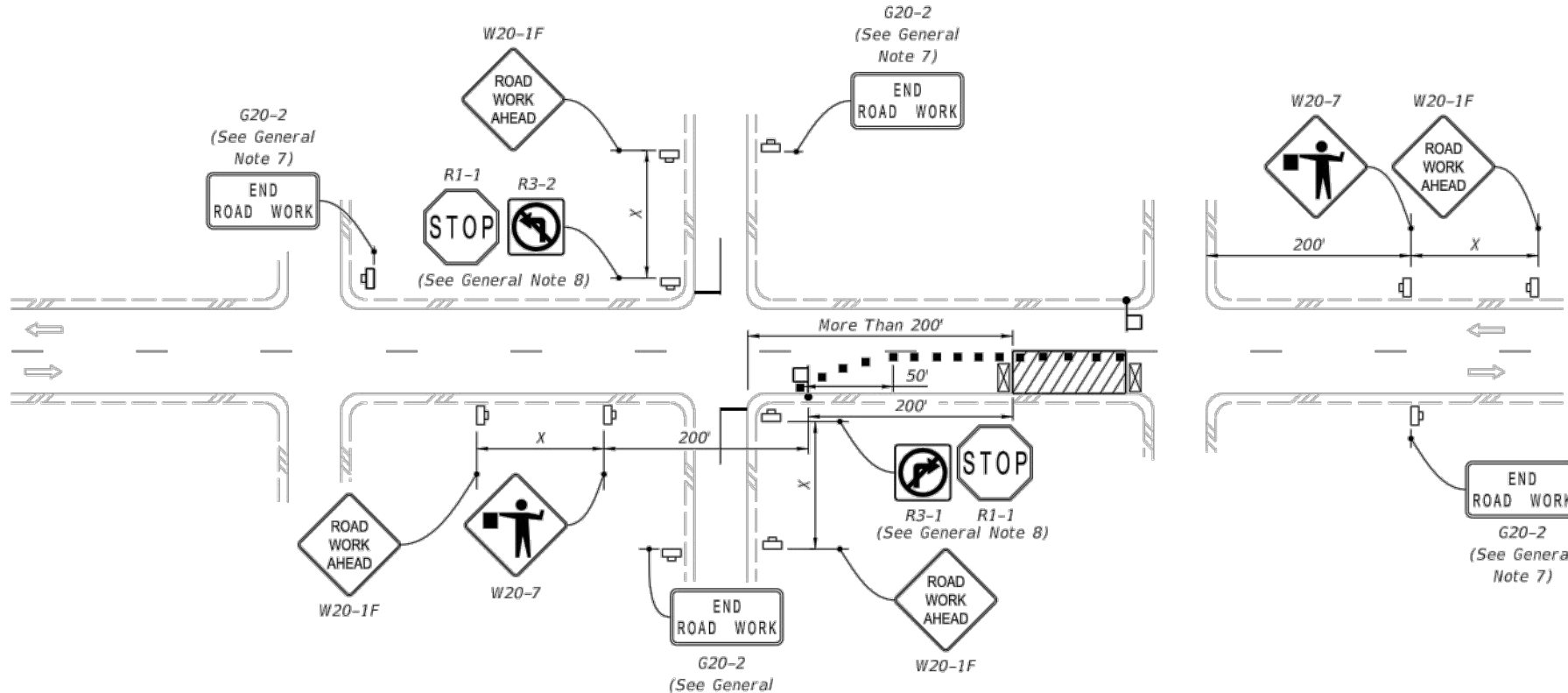
- This Index applies to two-lane, two-way roadways with work within or near the intersection.
- X = Work Zone Sign Spacing
See Index 102-600 for "X" and channelizing device spacing values.
- Optionally, use "Flagger Ahead" sign with text (W20-7A) instead of "Flagger Ahead" sign with symbol (W20-7).
- If vehicles in a parking zone block the line of sight to TCZ signs, locate and post mount signs in accordance with Index 700-101.
- If the work area extends across a crosswalk, close the crosswalk in accordance with Index 102-660.
- For unsignalized intersections, use Temporary Raised Rumble Strips in accordance with Index 102-603. Placement of Rumble Strips and additional signs should begin at FLAGGER sign location.
- The "End Road Work" signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work zone will be in place for 24 hours or less.
- As an option to the "STOP" sign (R1-1) and Restricted Left/Right Turning Movement sign (R3-1 or R3-2), the "SIDE ROAD INTERSECTING THE WORK ZONE" flagging operation from Index 102-600 may be used.

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Type III Barricade
- Stop Bar
- Flagger
- Lane Identification and Direction of Traffic

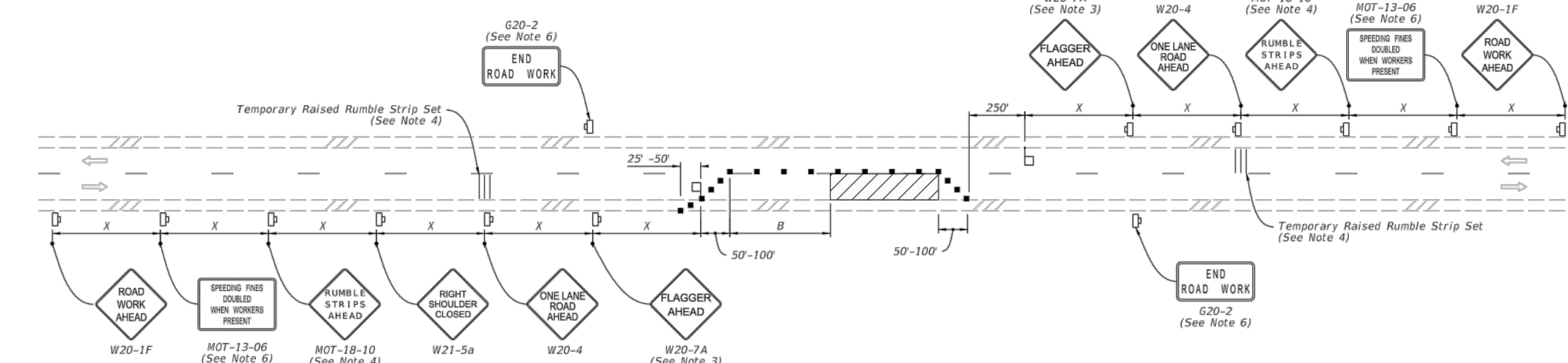


LANE CLOSURE FOR WORK LESS THAN 200' FROM INTERSECTION



LANE CLOSURE FOR WORK MORE THAN 200' FROM INTERSECTION

LAST REVISION	DESCRIPTION:	FY 2023-24 STANDARD PLANS	TWO-LANE, TWO-WAY, INTERSECTION WORK	INDEX	SHEET
11/01/22				102-604	1 of 2

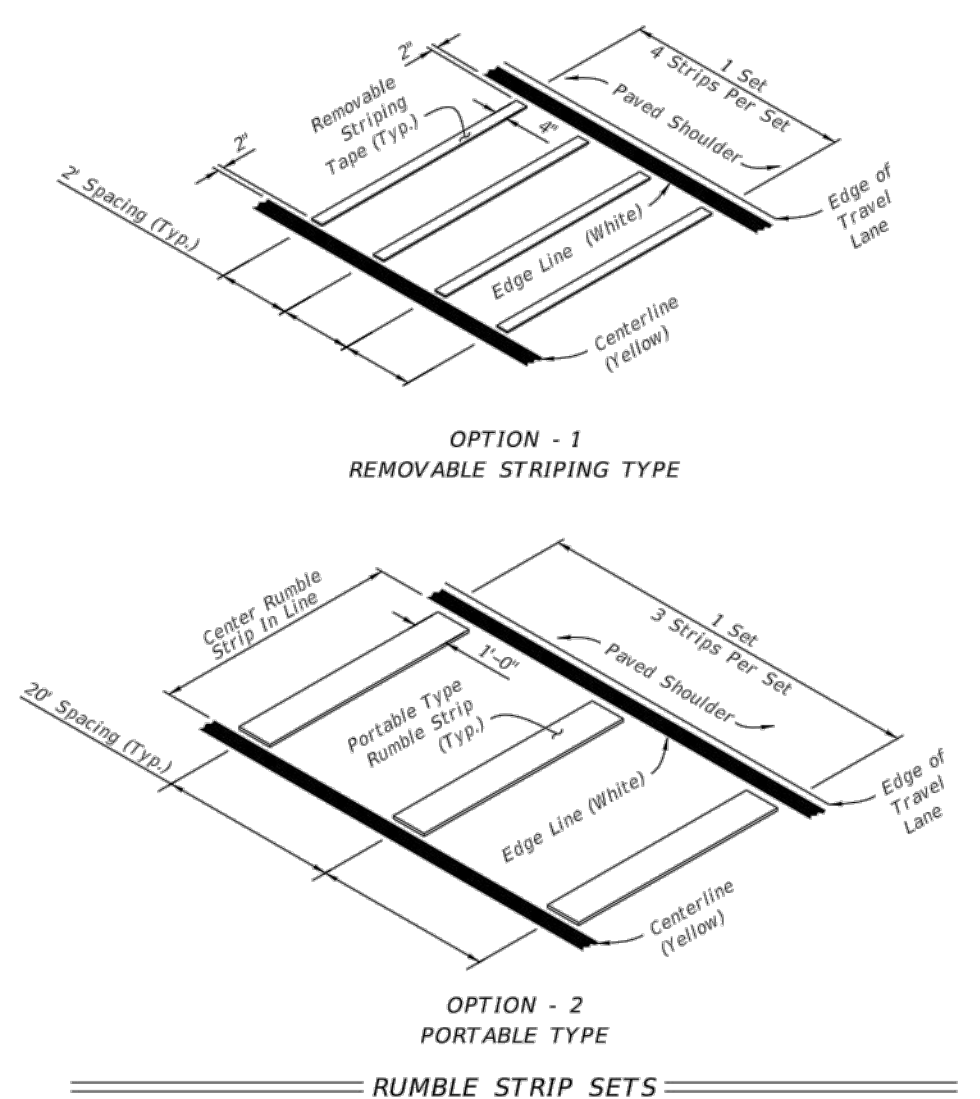


NOTES:

- This Index applies to Two-Lane, Two-Way Roadways with work within the traveled way.
- L = Taper Length
 B = Buffer Length
 X = Work Zone Sign Spacing
See Index 102-600 for "L", "B", "X" and channelizing device spacing values.
- Optionally, use "Flagger Ahead" sign with symbol (W20-7) instead of "Flagger Ahead" sign with text (W20-7A).
- Use temporary raised rumble strips when the existing posted speed is 35 mph or greater and the work duration is greater than 60 minutes. If temporary raised rumble strips are not used, omit "Rumble Strips Ahead" signs (MOT-18-10) and associated work zone sign spacing.
- Additional one-way control may be provided by the following means:
a. Flag-carrying vehicle
b. Official vehicle
c. Pilot vehicles
d. Traffic signals
- When flaggers are the sole means of one-way control, the flaggers must be in sight of each other or in direct communication at all times.
- The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign spacing, may be omitted when the work operation will be in place for 24 hours or less.
- Automated Flagging Assistance Devices (AFADs) may be used in accordance with Specification Sections 102, 990 and the APL vendor drawings.
- Railroad Crossings:
a. If an active railroad crossing is located closer to the Work Area than the queue length plus 300 feet, extend the Buffer Space as shown on Sheet 2.
b. If the queuing of vehicles across an active railroad crossing cannot be avoided, provide a uniformed traffic control officer or flagger at the highway-rail grade crossing to prevent vehicles from stopping within the highway-rail grade crossing, even if automatic train warning devices are in place.

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Flagger
- Lane Identification and Direction of Traffic

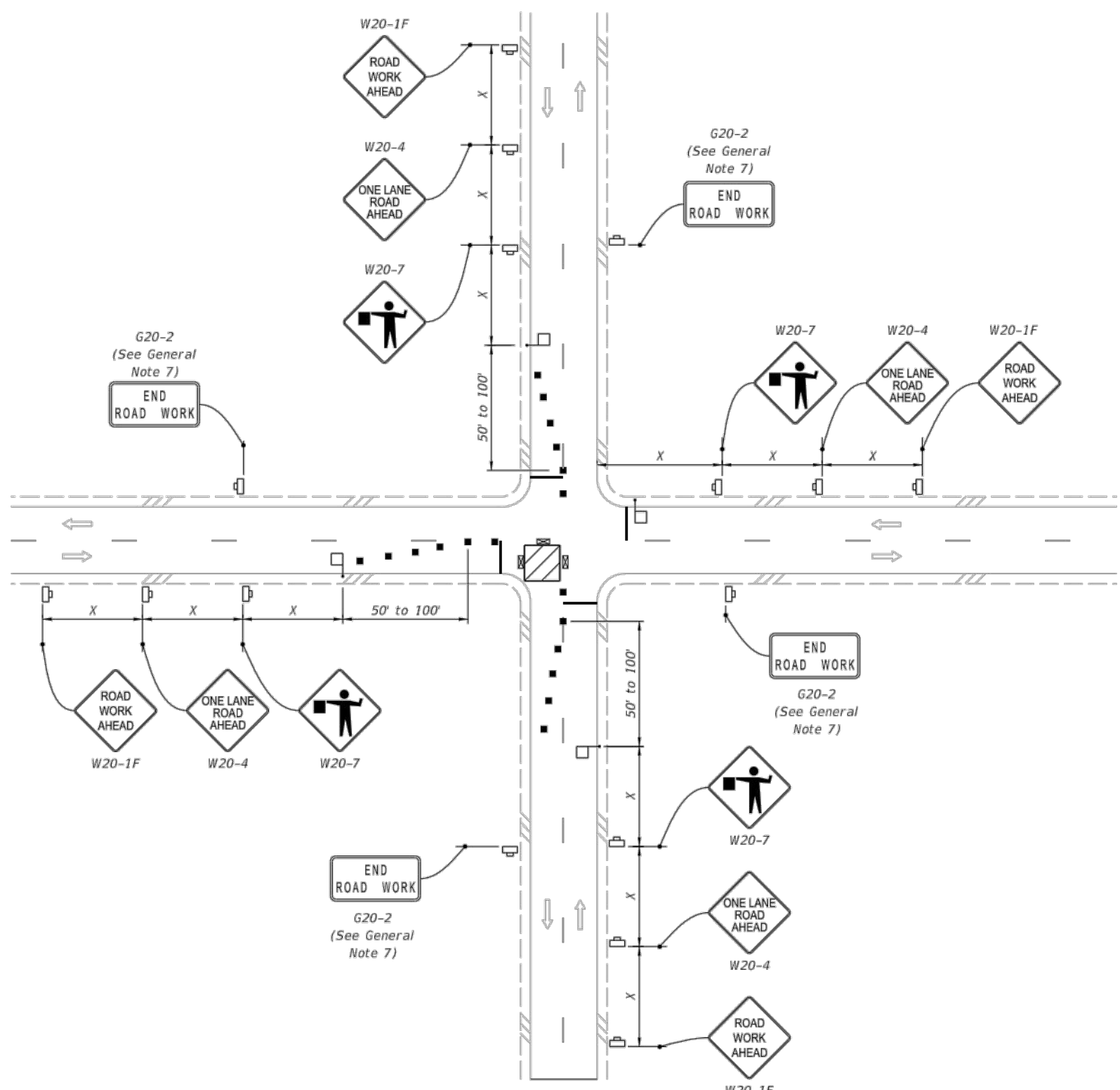


RUMBLE STRIP SETS

LAST REVISION	DESCRIPTION:	FY 2023-24 STANDARD PLANS	TWO-LANE, TWO-WAY WORK WITHIN THE TRAVEL WAY	INDEX	SHEET
11/01/21				102-603	1 of 2

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Type III Barricade
- Stop Bar
- Flagger
- Lane Identification and Direction of Traffic



WORK IN INTERSECTION OF TWO-LANE ROADWAY

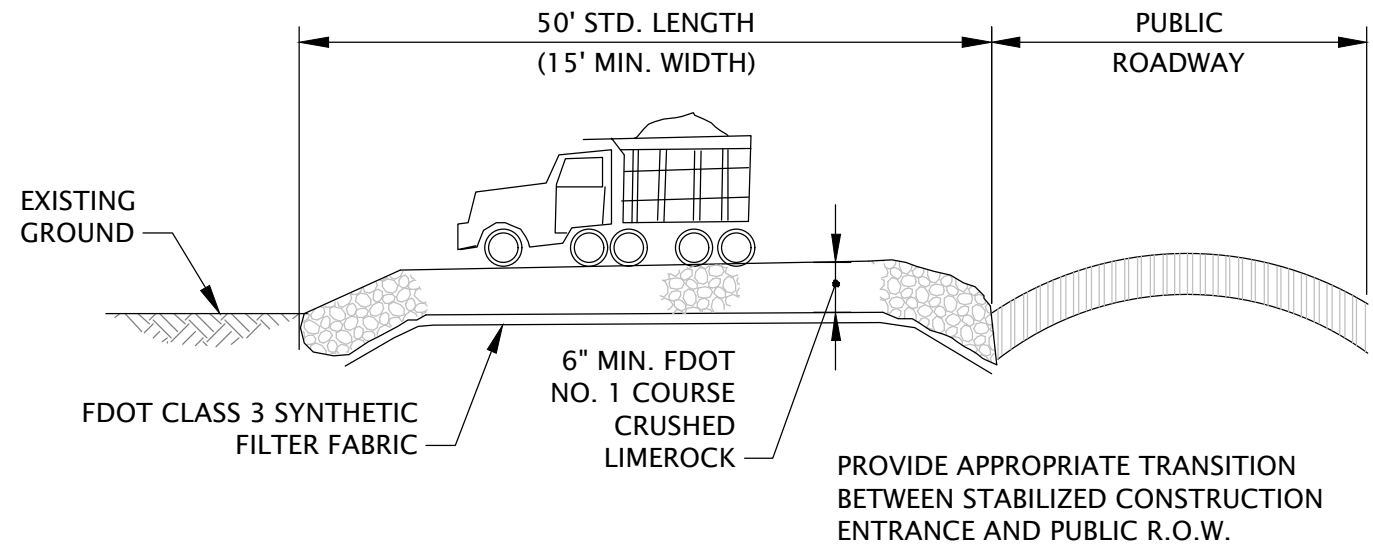
LAST REVISION	DESCRIPTION:	FY 2023-24 STANDARD PLANS	TWO-LANE, TWO-WAY, INTERSECTION WORK	INDEX	SHEET
11/01/22				102-604	2 of 2

No.	Date	Revision
03/06/24		ADDENDUM 1

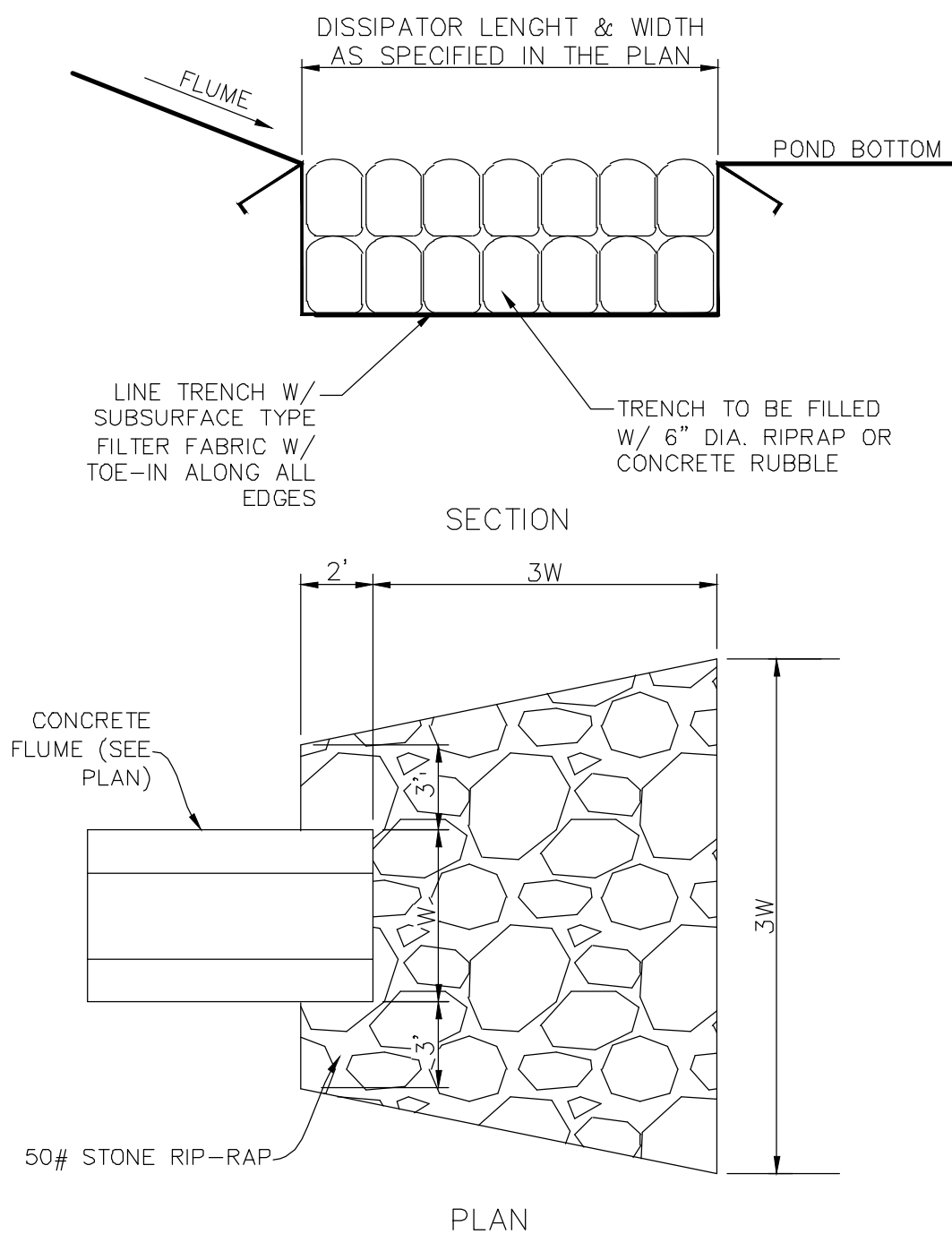
Designed: B. Silcox
Drawn: B. Silcox
Checked: E. Moore, P.E.
Job No.: 1620.011
Date: 3/13/2024 © 2024

**MAINTENANCE OF TRAFFIC
FDOT STANDARD INDEX SHEETS**
**INLAND FLOOD PROTECTION
RETENTION POND
AND WALKING PATH
PARKER, FLORIDA**

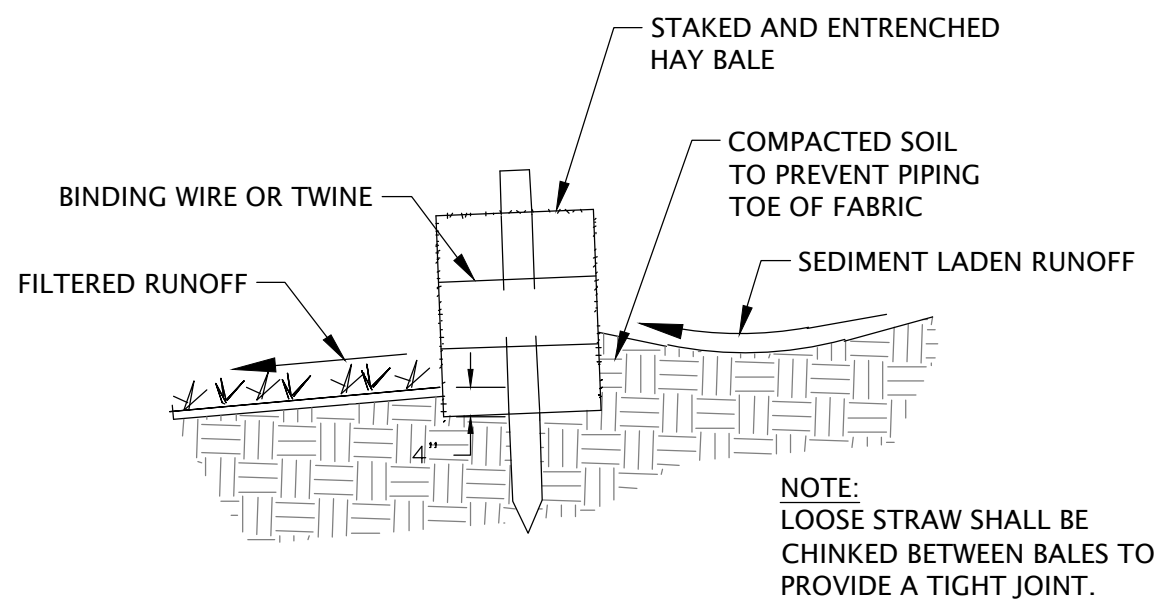
THIS SHEET NOT VALID FOR
CONSTRUCTION WITHOUT
COMPLETE SET OF PLANS.



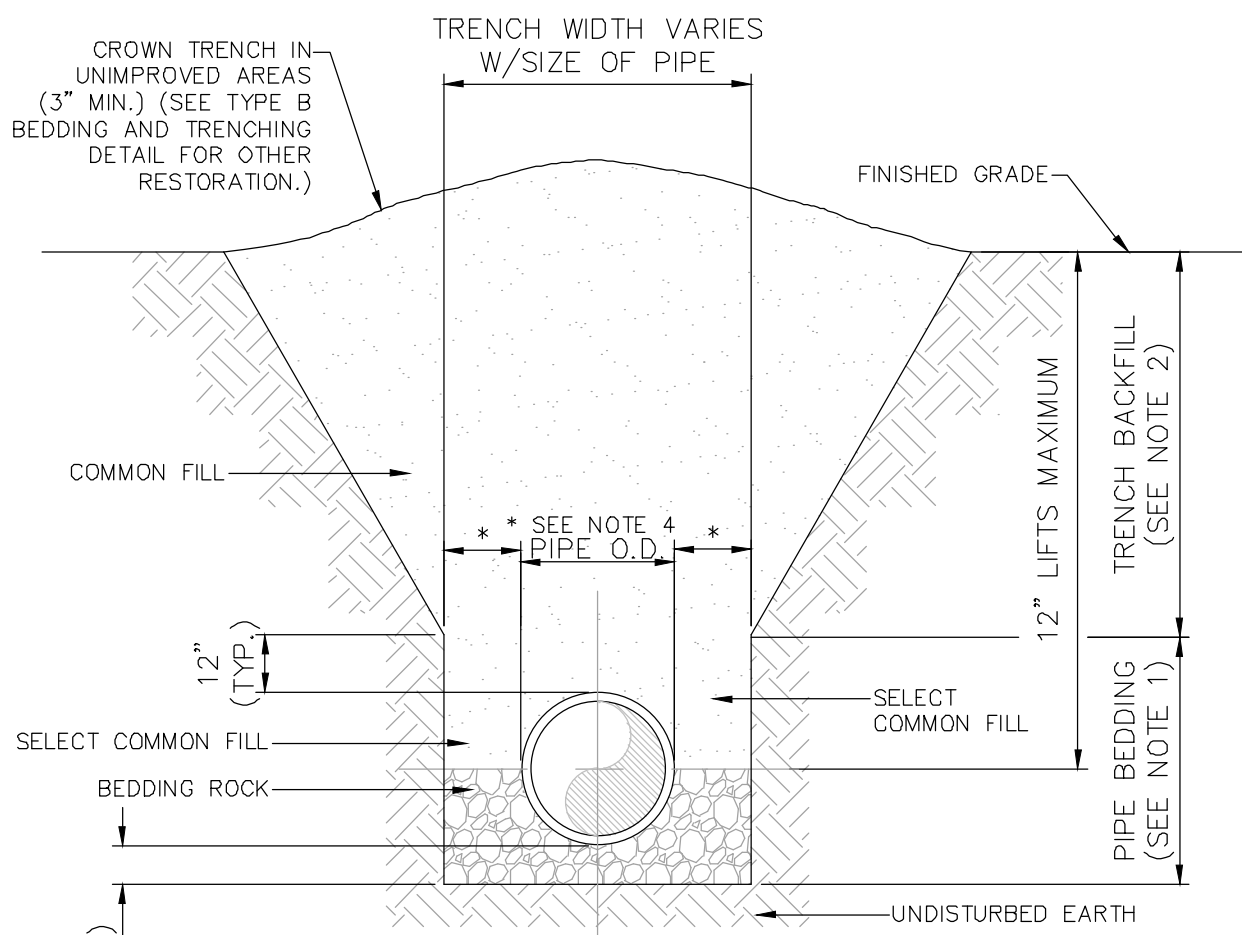
STABILIZED CONSTRUCTION
ENTRANCE



STORM DRAIN OUTLET
PROTECTION

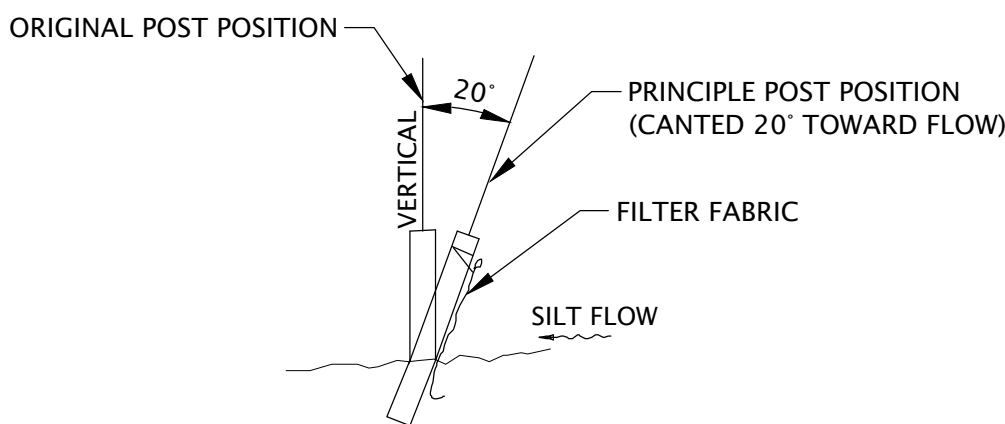


STAKED
HAY BALE

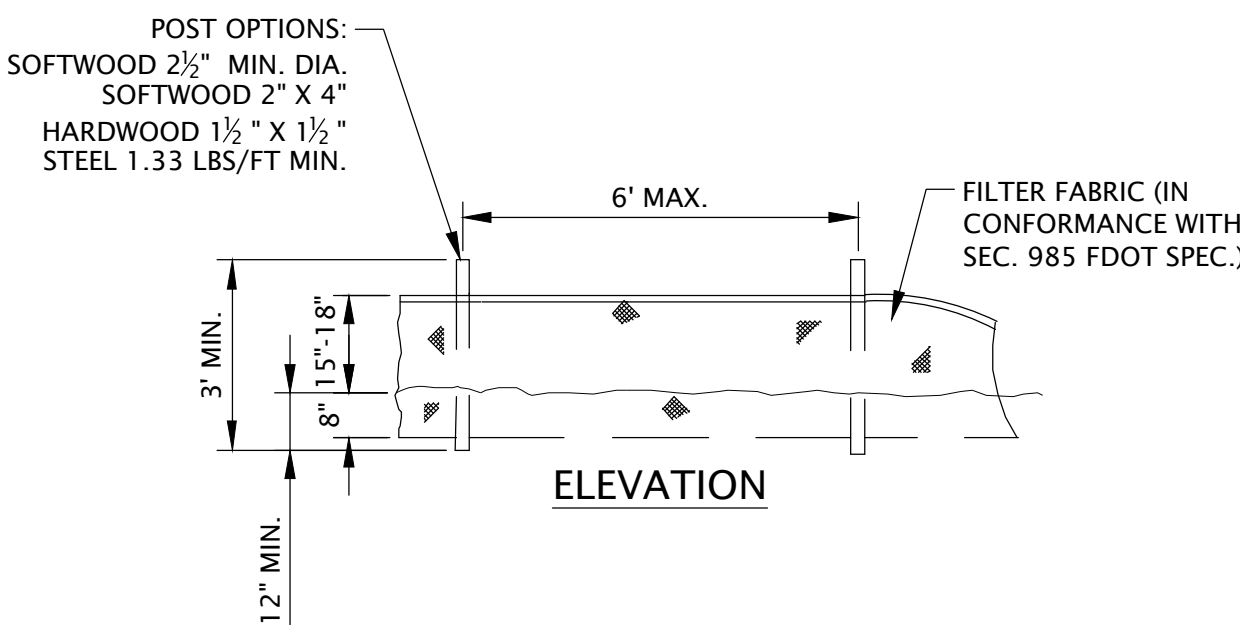


- NOTES:
1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
 2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
 3. USE TYPE A BEDDING TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CITY.
 4. (*): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND LARGER.
 5. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
 6. GRAVITY SEWERS SHALL UTILIZE TYPE A BEDDING, IF REQUIRED BY THE CITY. BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER LESS THAN 15", AND 6" MINIMUM PIPE DIAMETER 16" AND LARGER.
 7. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. CITY SHALL DETERMINE IN THE FIELD REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION.

TRENCH DETAIL TYPE A
BEDDING

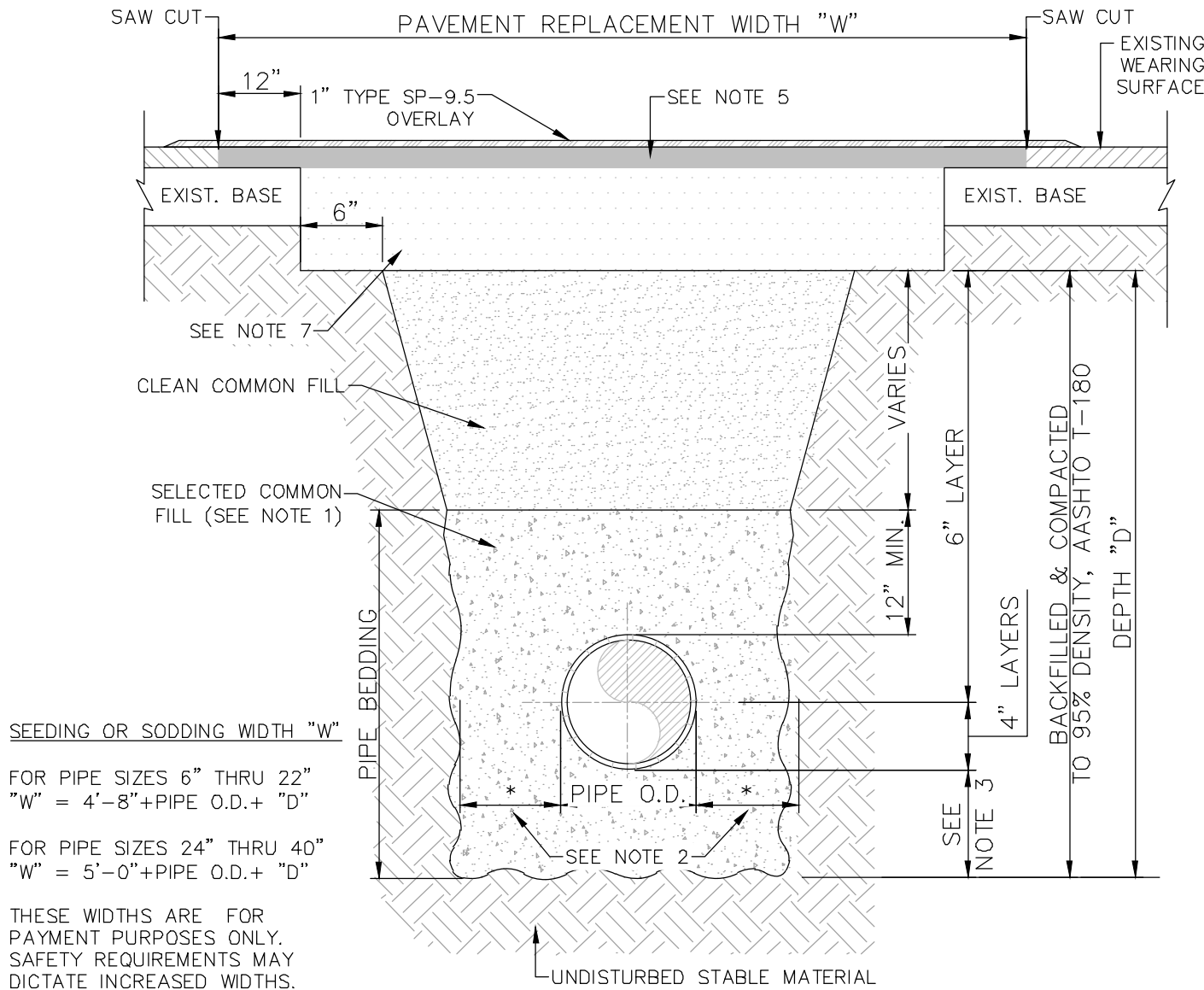


SECTION

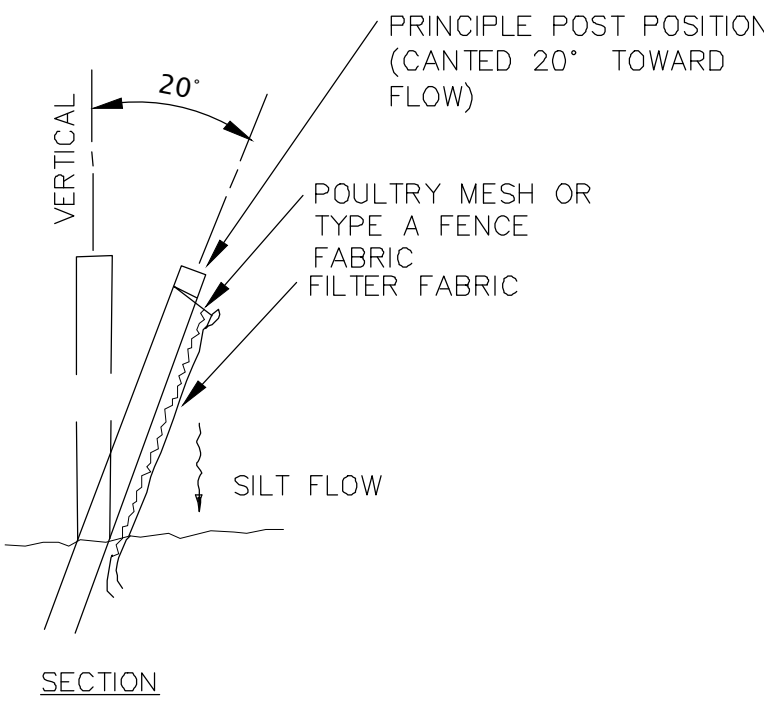


TYPE III SILT FENCE

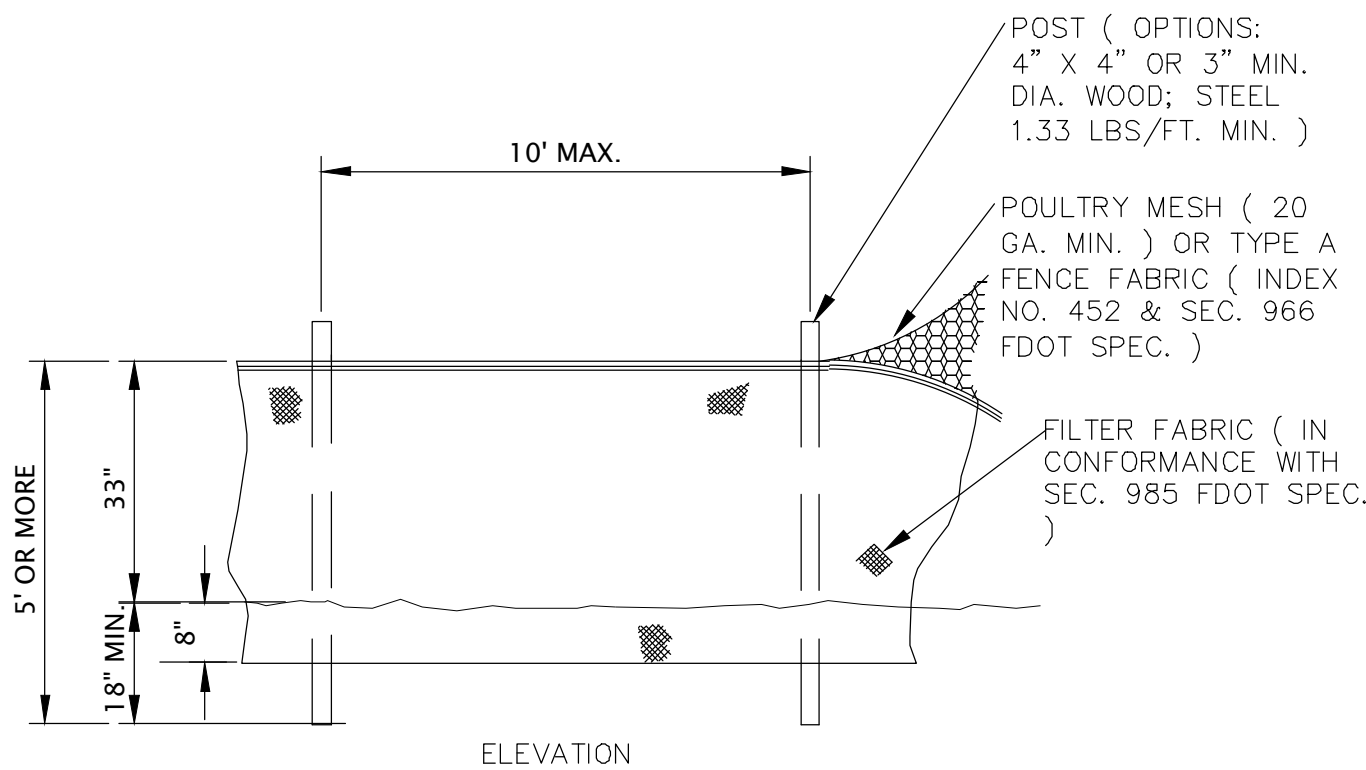
- NOTES:
1. USE OF TYPE A-2 AND A-3 PIPE BEDDING TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
 2. 10" MAX. FOR PIPE DIAMETERS LESS THAN 24"; 12" MAX. FOR PIPE DIAMETER 24" AND LESS THAN 42"; 24" MAX. FOR PIPE DIAMETER 42" AND OVER.
 3. 4" MAX. FOR PIPE 16" DIAMETER & LESS; 6" MAX. FOR PIPE 18" TO 36" DIAMETER; AND 9" MAX. FOR PIPE 42" DIAMETER AND LARGER.
 4. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
 5. WEARING SURFACE TO BE SAME TYPE & THICKNESS (1-1/2" MIN.) AS EXISTING PAVEMENT.
 6. DELETED.
 7. BASE SHALL BE 8" MINIMUM THICKNESS LIME-ROCK OR CRUSHED CONCRETE BASE, OR APPROVED EQUAL.
 8. BACKFILL AASHTO M-145 SHALL BE PLACED IN LAYERS NOT TO EXCEED 6 INCHES. EACH LAYER SHALL BE THOROUGHLY TAMPED AND/OR ROLLED TO 95% AASHTO T-180 DENSITY.
 9. TEMPORARY PATCHES WILL BE INSTALLED TO PROVIDE A SMOOTH ALL WEATHER SURFACE AT ALL TIMES. PERMANENT REPLACEMENT TO BE MADE AS SOON AS POSSIBLE.
 10. NOTES 5 THRU 9 ARE MINIMUM REQUIREMENTS. REFER TO F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS FOR ADDITIONAL REQUIREMENTS.



TRENCH DETAIL ASPHALT PAVEMENT SURFACE
TYPE A-1 PIPE BEDDING



SECTION



ELEVATION

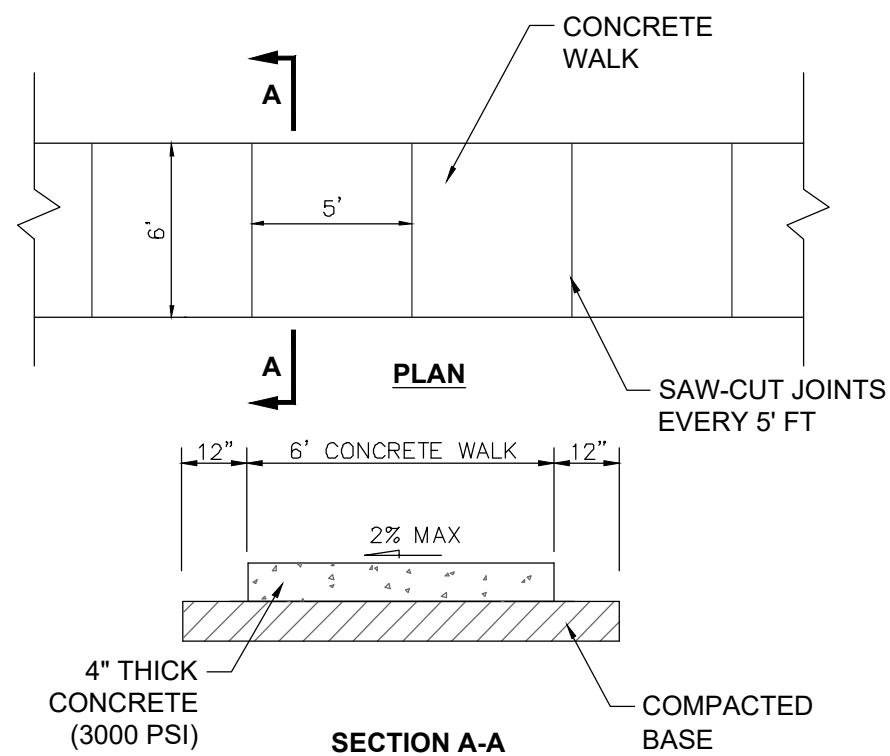
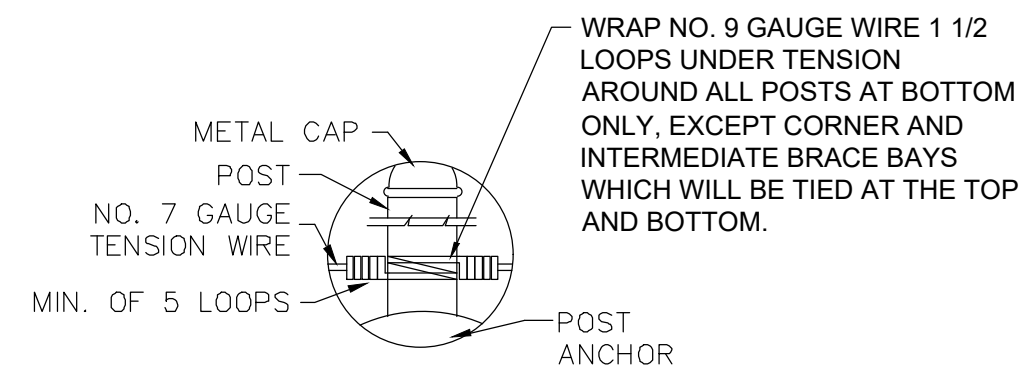
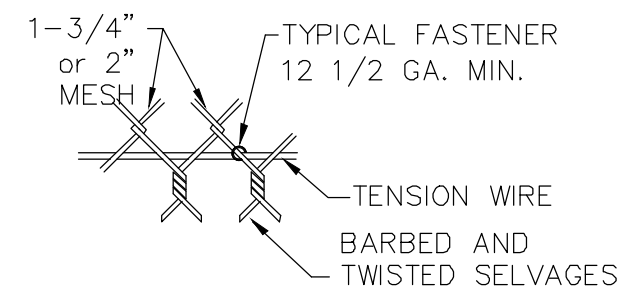
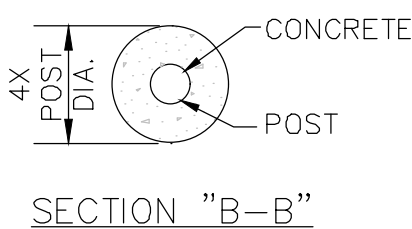
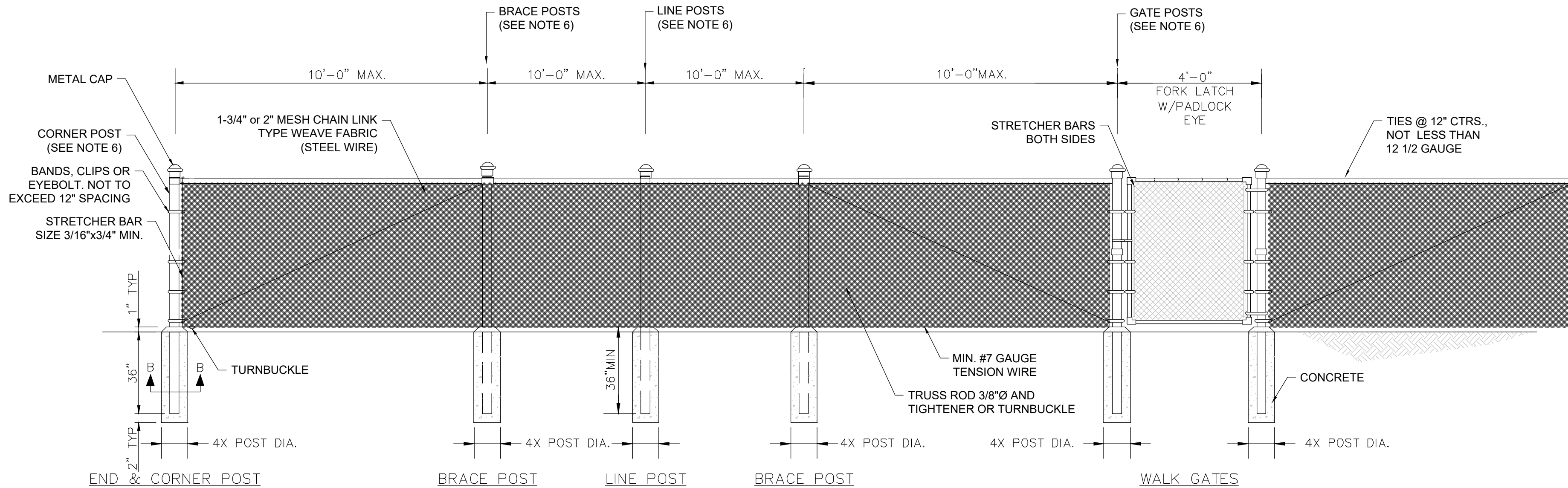
TYPE IV SILT FENCE

No.	Date	Revision
1	03/06/24	ADDENDUM 1

Designed: B. Silcox
Drawn: B. Silcox
Checked: E. Moore, P.E.
Job No.: 1620.011
Date: 3/13/2024 © 2024

CONSTRUCTION DETAILS
INLAND FLOOD PROTECTION
RETENTION POND
AND WALKING PATH
PARKER, FLORIDA

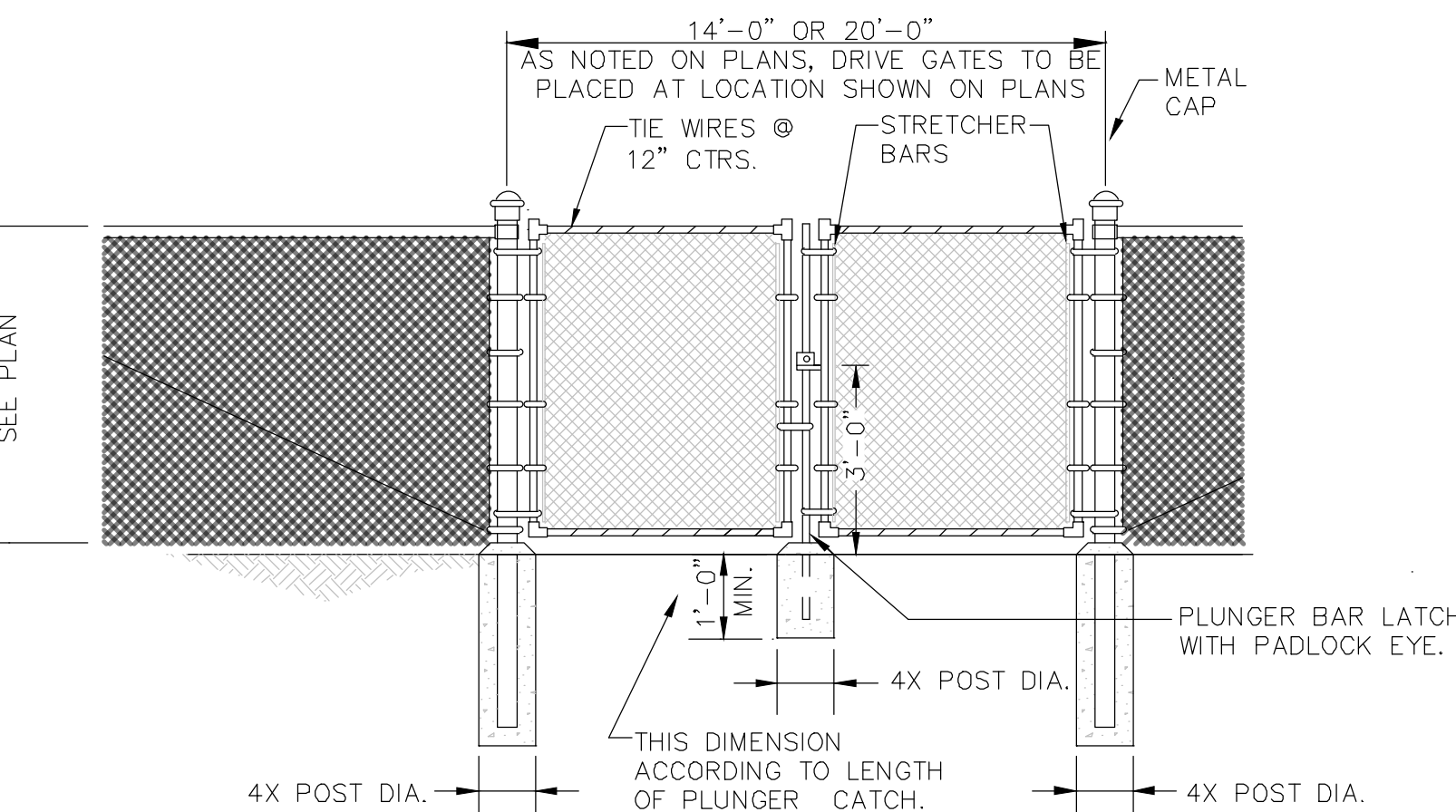
THIS SHEET NOT VALID FOR
CONSTRUCTION WITHOUT
COMPLETE SET OF PLANS.



- NOTE:**
- SAW-CUT 0.1875-INCH JOINTS EVERY 5-FT ON CENTER (1.50-INCH DEEP). SAW-CUT WITHIN 96 HOURS.
 - SAW-CUT 0.50-INCH JOINTS EVERY 30-FT ON CENTER (1.50-INCH DEEP). SAW-CUT WITHIN 12 HOURS.
 - FORM 0.50-INCH EXPANSION JOINT EVERY 120-FT MAXIMUM SPACING ALONG CONCRETE WALK AND BETWEEN THE CONCRETE WALK AND THE CURB OR DRIVEWAY OR AT FIXED OBJECTS AND CONCRETE WALK INTERSECTIONS WITH A PREFORMED JOINT FILLER MEETING THE REQUIREMENTS OF FDOT SPECIFICATION 9.32.
 - COMPACT FILL AREAS, INCLUDING CUT AREAS UNDER THE CONCRETE WALK THAT HAVE BEEN EXCAVATED MORE THAN 6 INCHES BELOW THE BOTTOM OF CONCRETE WALK, TO A MINIMUM OF 95% OF AASHTO T99 DENSITY. THE AREA TO BE COMPACTED IS DEFINED AS THAT AREA DIRECTLY UNDER THE CONCRETE WALK AND 1 FOOT BEYOND EACH SIDE OF THE CONCRETE WALK.
 - CONCRETE CONCRETE WALK TO BE 6-IN THICK ACROSS ALL DRIVEWAYS

CONCRETE WALK DETAIL

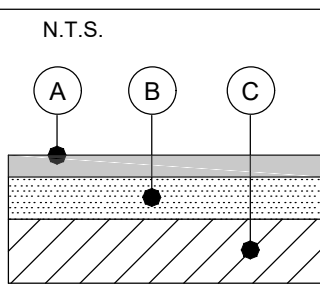
N.T.S.



NOTE:

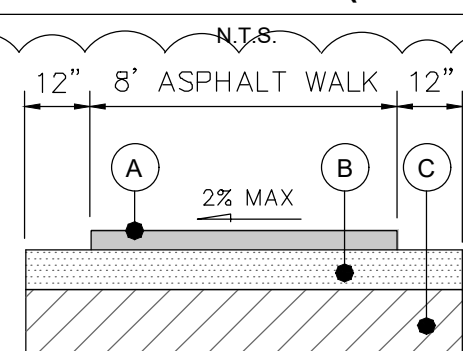
- THE CONTRACTOR SHALL PROVIDE A SUITABLE METHOD TO VISUALLY ASSURE OBTAINING TWO (2) INCHES CLEARANCE BETWEEN POST AND BOTTOM OF CONCRETE AS SHOWN IN THE DETAIL DRAWING.
- STRETCHER BARS FOR GATES ARE REQUIRED ON BOTH SIDES OF EACH GATE. STRETCHER BARS (SIZE 3/16"x3/4") MINIMUM ANCHOR WITH BANDS NOT EXCEEDING 12" SPACING OR OTHER APPROVED ANCHOR.

CHAIN LINK FENCE AND GATE DETAILS



- PAVEMENT SECTION (PARKING)**
- N.T.S.
- (A) 1-1/2 INCH TYPE S ASPHALTIC CONCRETE
- (B) 6 INCHES LIMEROCK/CRUSHED CONCRETE BASE COURSE (LBR = 100) OR SOIL CEMENT (350 PSI DESIGN OR EQUIVALENT)
- (C) 12 INCHES STABILIZED SUBGRADE (LBR=40) IF A LIMEROCK OR CRUSHED CONCRETE BASE IS USED OR A SUBGRADE COMPACTED TO 98 PERCENT OF THE MATERIALS ASTM D-1557 MAXIMUM DRY DENSITY IF SOIL CEMENT IS USED AS BASE MATERIAL.

PAVEMENT SECTION (PARKING)



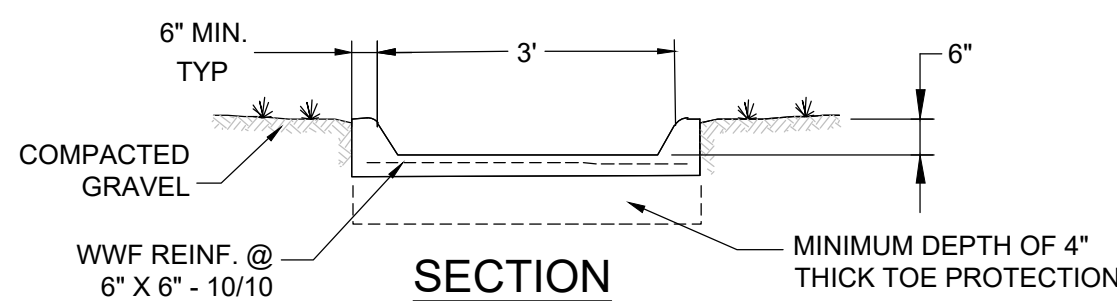
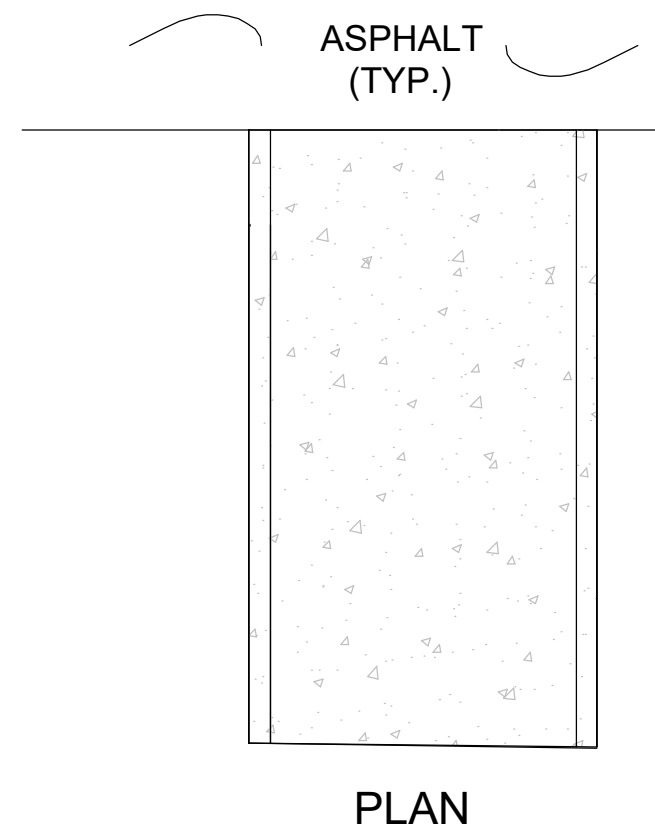
- ALTERNATE ASPHALT WALK DETAIL**
- N.T.S.
- (A) 1-1/2 INCH TYPE SP 9.5 ASPHALTIC CONCRETE
- (B) 6 INCHES LIMEROCK/CRUSHED CONCRETE BASE COMPACT TO 98% MOD. PROCTOR MAX. DRY DENSITY (AASHTO T-180; ASTM D-1557). MIN. LBR = 100.
- (C) 12 INCHES STABILIZED SUB-GRADE COMPACTED TO 98% OF MOD. PROCTOR MAX. DRY DENSITY (AASHTO T-180; ASTM D-1557) MIN. LBR=40

ALTERNATE ASPHALT WALK DETAIL

N.T.S.

GENERAL NOTE:

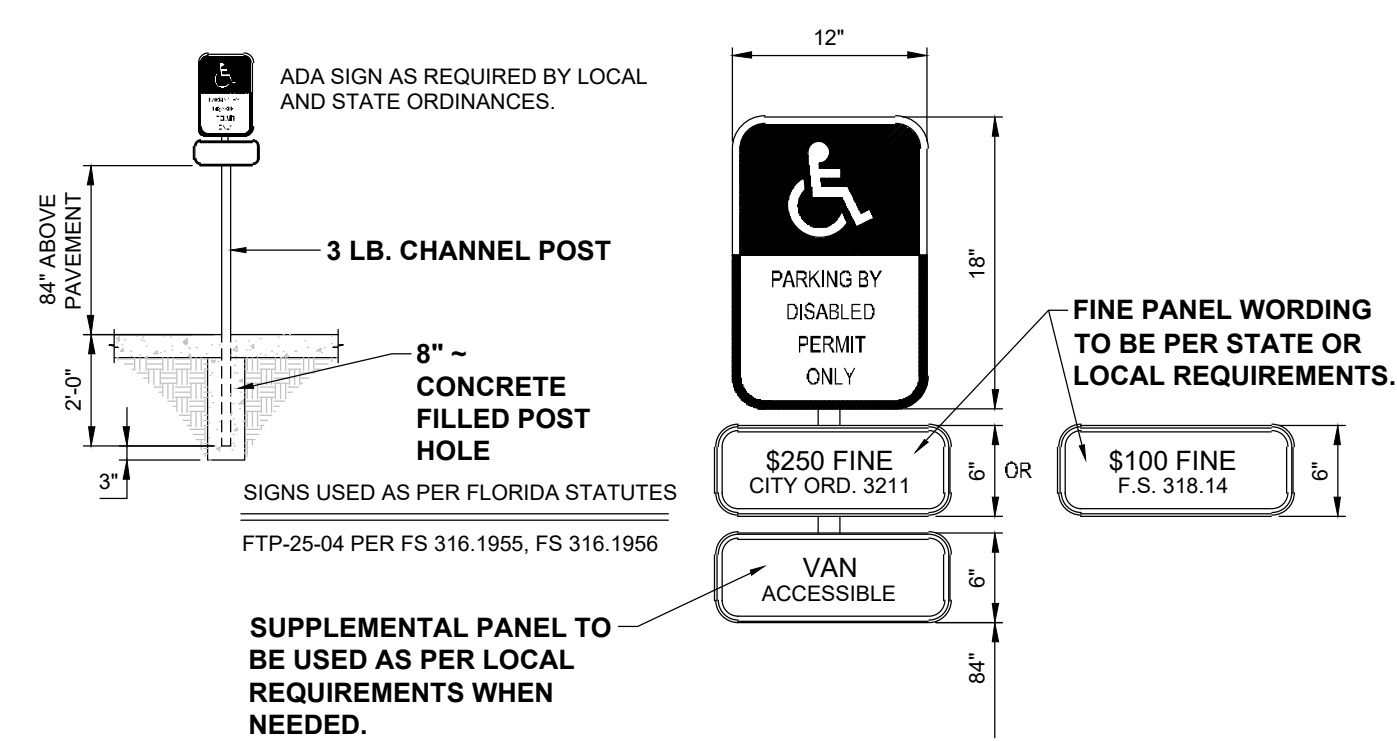
- ALL DIMENSION ARE TYPICAL AND MAY BE VARIED AT THE RECOMMENDATION OF THE MANUFACTURER AT INSTALLATION.
- HOG RINGS SHALL BE GALVANIZED OR ALUMINUM ALLOY.
- THE TENSION WIRE SHALL BE EITHER NO. 7 GAUGE STEEL WIRE GALVANIZED AT THE RATE OF 0.7 OZ. PER SQ. FT. MIN. OR ALUMINUM WIRE OF ALLOY ALCLAD 5056-H38 OR EQUAL WITH A WIRE DIAMETER OF 0.1875 IN. OR LARGER.
- TENSION WIRE SHALL BE TIGHTENED TO SINGING TAUTNESS.
- ALL TUBULAR POST TO HAVE A METAL CAP.
- CORNER, LINE, BRACE, GATE POST, ETC., SHALL BE OF A SIZE SHOWN IN SPECIFICATIONS.
- FENCE FABRIC SHALL BE WOVEN IN 1-3/4 INCH OR 2-INCH MESH FROM NO. 9 GAGE STEEL BLACK OR GREEN VINYL COATED WIRE CONFORMING TO THE "STANDARD SPECIFICATION FOR ZINC-COATED STEEL BLACK OR GREEN VINYL COATED CHAIN-LINK FENCE FABRIC" (ASTM A392). BLACK OR GREEN SLATS SHALL BE WOVEN INTO THE FENCE FABRIC AFTER ERECTION. SLATS SHALL BE PRIVACY LINK® OR APPROVED EQUAL AND SHALL BE BOTTOM LOCKING SLATS. REFER TO SITE PLANS FOR FENCE COLOR.
- FENCE SHALL BE GROUNDED IN ACCORDANCE WITH SPECIFICATIONS.
- ALL FENCING MATERIAL SHALL BE COMMERCIAL GRADE FENCING MATERIAL, TO INCLUDE BUT NOT LIMITED TO FENCE, POSTS, TOP RAILS, AND GATES.



- NOTE:**
- FLUME SHALL EXTEND DOWN TO THE BOTTOM OF THE POND.

RECTANGULAR CONCRETE FLUME

N.T.S.

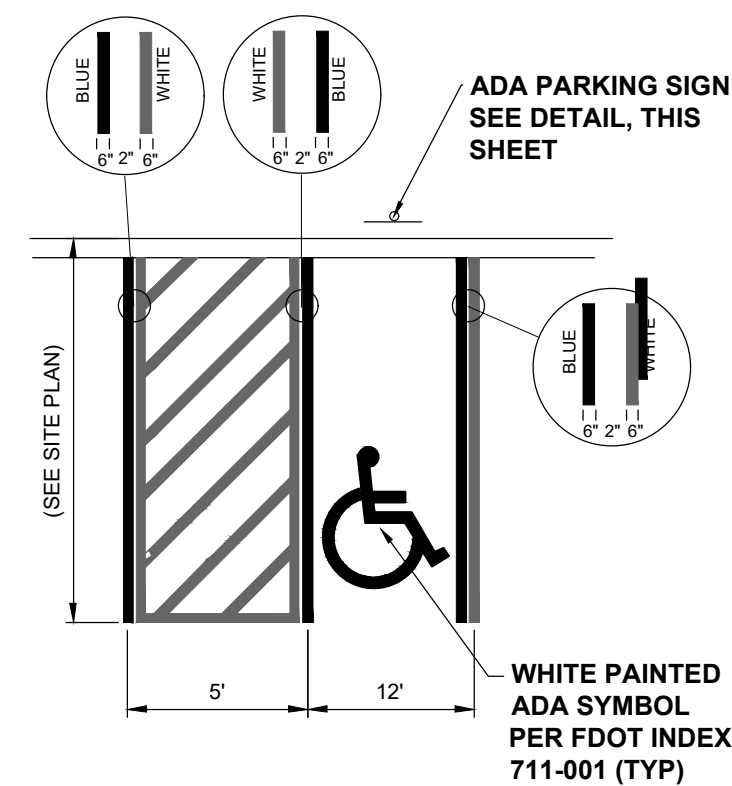


NOTE: (HANDICAP SIGN ONLY)

- THE SIGN'S FACE SHALL BE OF AN ENGINEERING GRADE REFLECTORIZED MATERIAL.
- ALL LETTERS ARE 1 INCH SERIES "C" PER THE MUTCD.
- THE TOP PORTION OF THE SIGN SHALL HAVE A BLUE BACKGROUND WITH A WHITE LEGEND AND BORDER.
- THE BOTTOM PORTION OF THE SIGN SHALL HAVE A WHITE BACKGROUND WITH A BLACK OPAQUE LEGEND AND BORDER.
- THE FINE NOTIFICATION SIGN SHALL HAVE A WHITE BACKGROUND WITH A BLACK OPAQUE LEGEND AND BORDER.
- ONE SIGN SHALL BE REQUIRED FOR EACH PARKING SPACE.
- EACH SIGN SHALL HAVE A CLEARANCE OF 7 FEET FROM THE BOTTOM OF THE SIGN TO FINAL GRADE OR THE TOP OF CURB, WHICHEVER IS GREATER. SIGNS SHALL NOT BE FARTHER THAN 5 FEET FROM THE FRONT OF THE PARKING SPACE.
- ALL SIGNS SHALL BE MOUNTED ON 3 POUND CHANNEL POSTS. SIGNS MAY BE MOUNTED ON BUILDINGS WITH CITY APPROVAL.

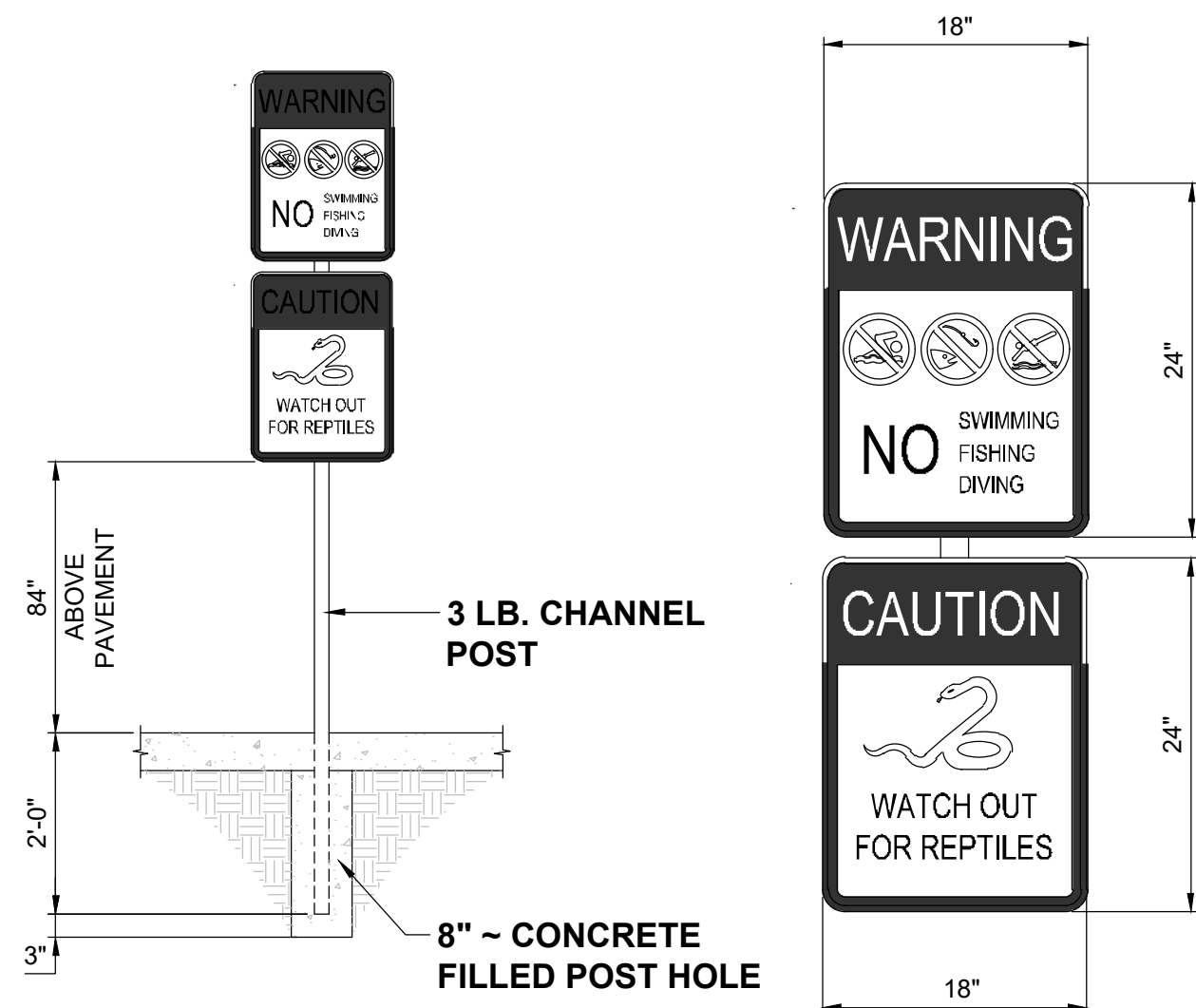
ACCESSIBLE SIGN

N.T.S.



TYPICAL ADA PARKING SPACE DETAIL

N.T.S.



WARNING SIGN DETAIL

N.T.S.



This item has been electronically signed and sealed by ELIZABETH S. MOORE, PE on March 13, 2024. The digital signature and seal are not considered signed and sealed and the signature must be verified on any electronic copies.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

ELIZABETH S. MOORE, PE
FL License No. 57607

No.	Date	Revision
1	03/13/24	ADDENDUM 2

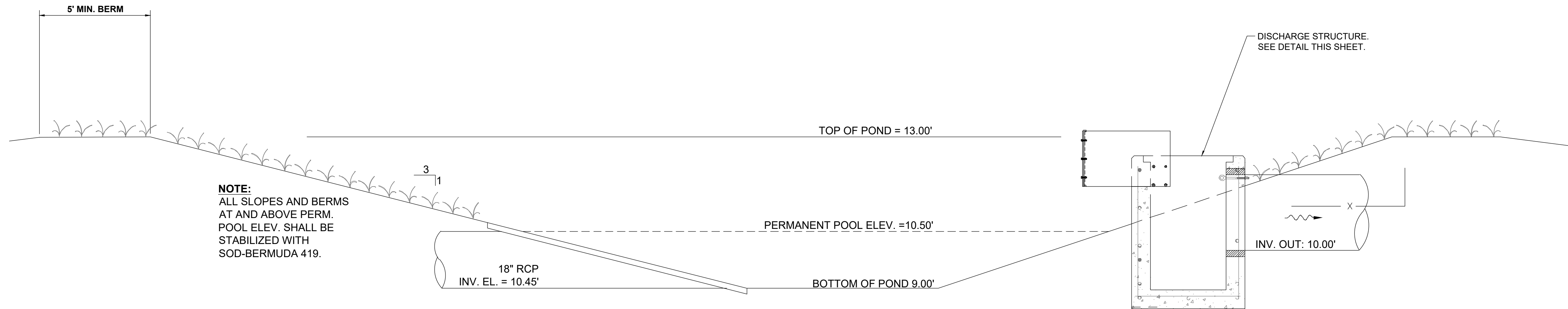
Designed: B. Silcox
Drawn: B. Silcox
Checked: E. Moore, P.E.
Job No.: 1620.011
Date: 3/13/2024 © 2024

CONSTRUCTION DETAILS

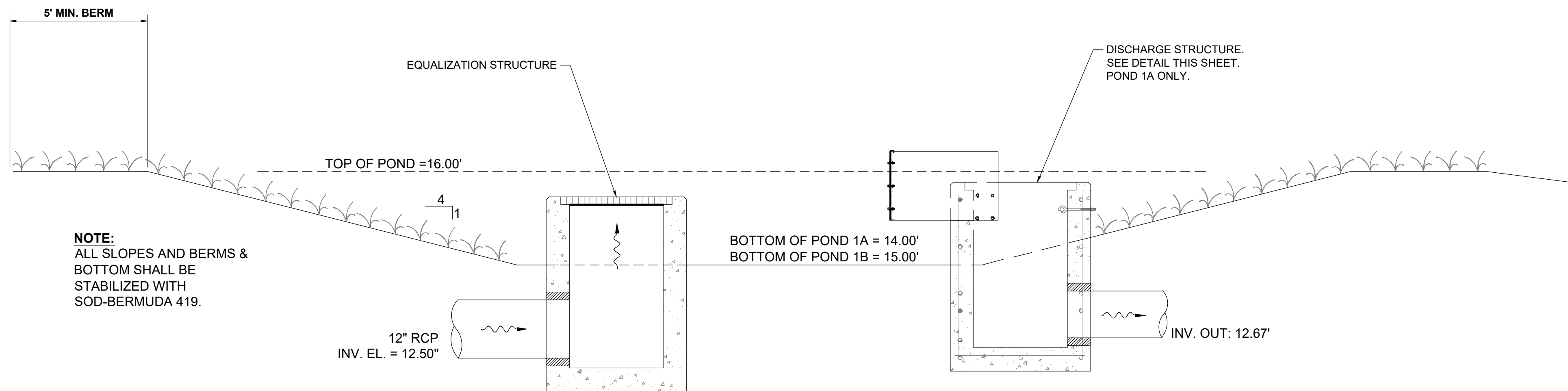
**INLAND FLOOD PROTECTION
RETENTION POND
AND WALKING PATH
PARKER, FLORIDA**

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

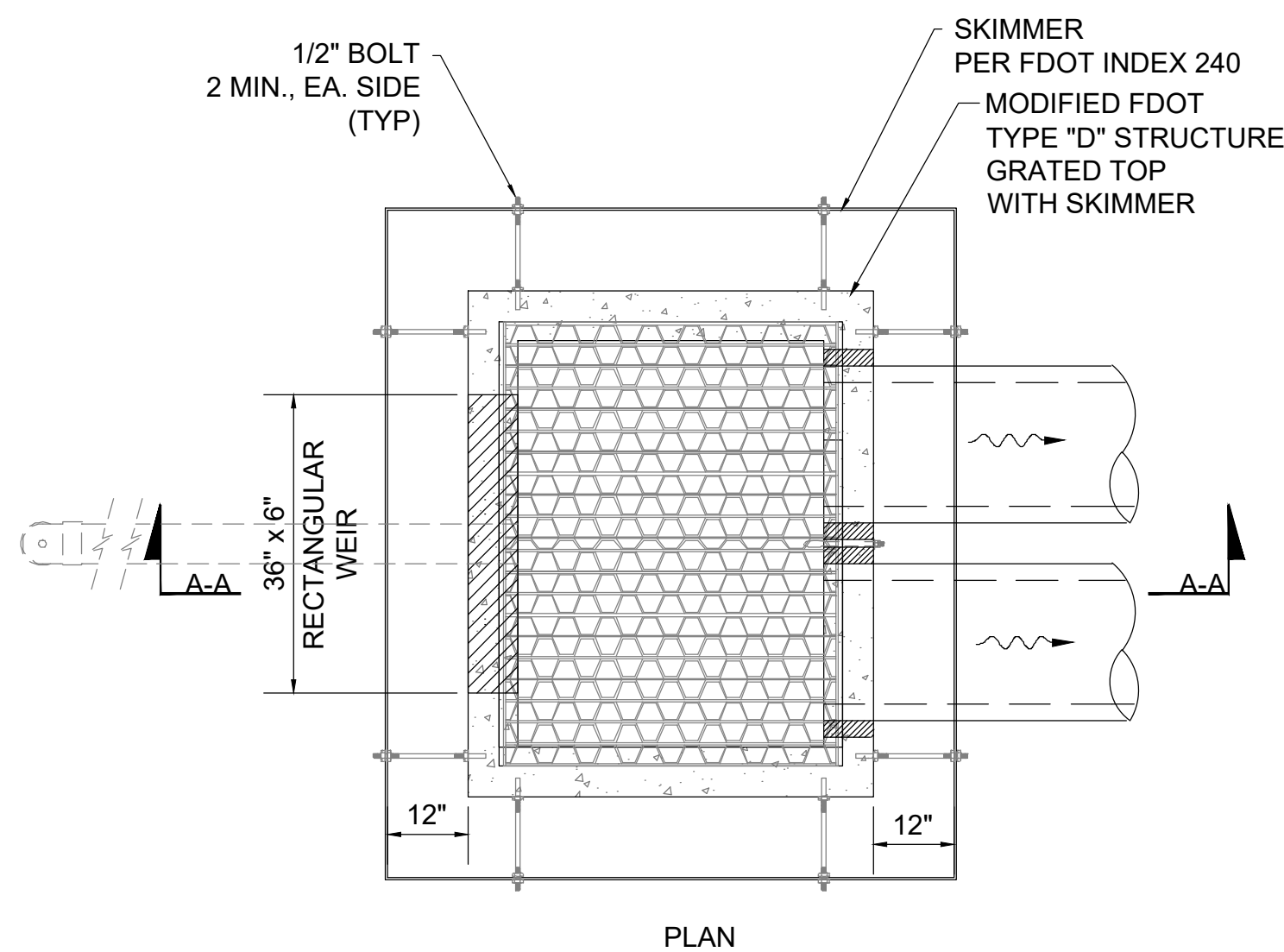
Sheet No.
C2.1



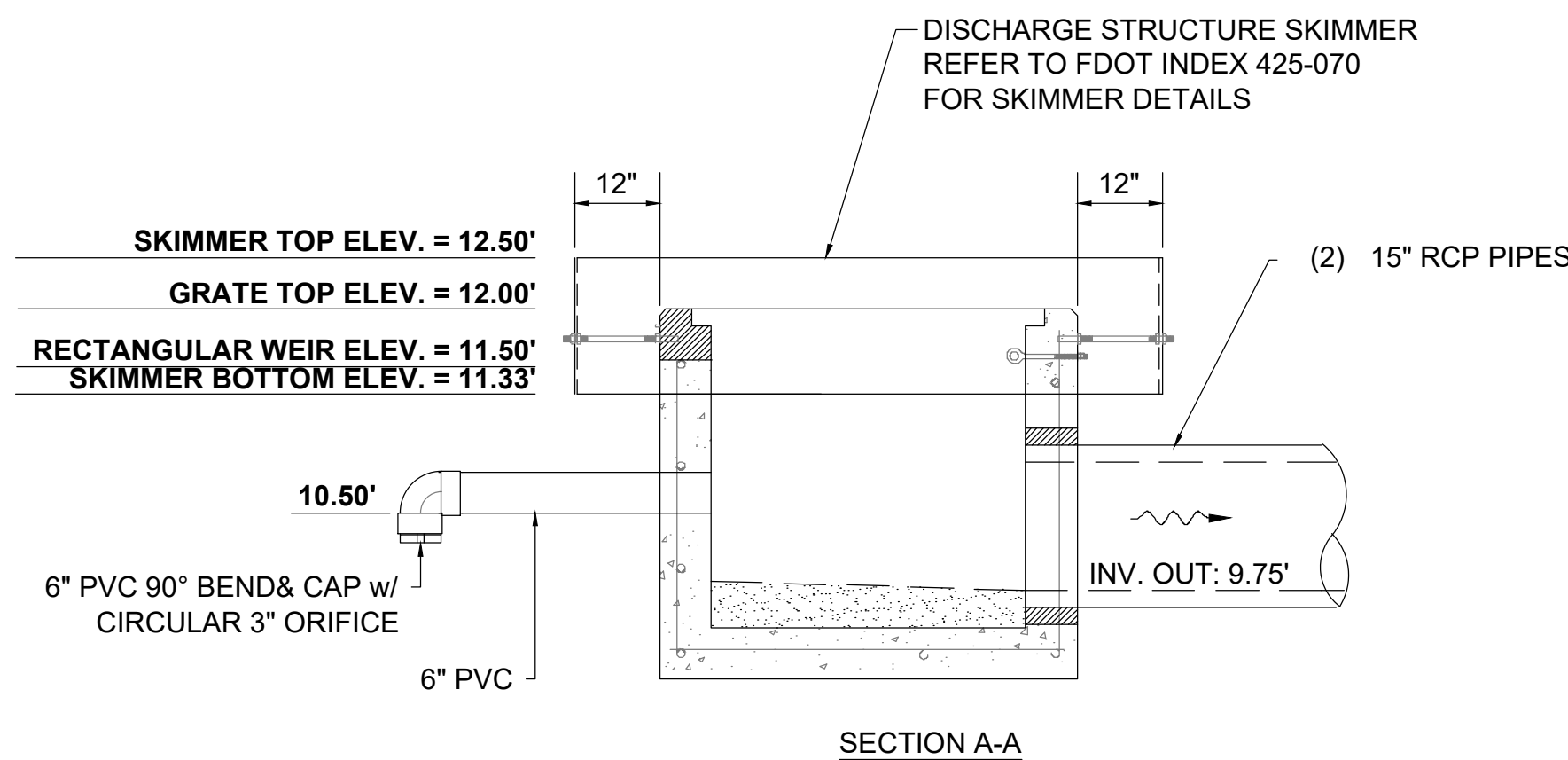
STORMWATER POND 2 TYPICAL SECTION
N.T.S.



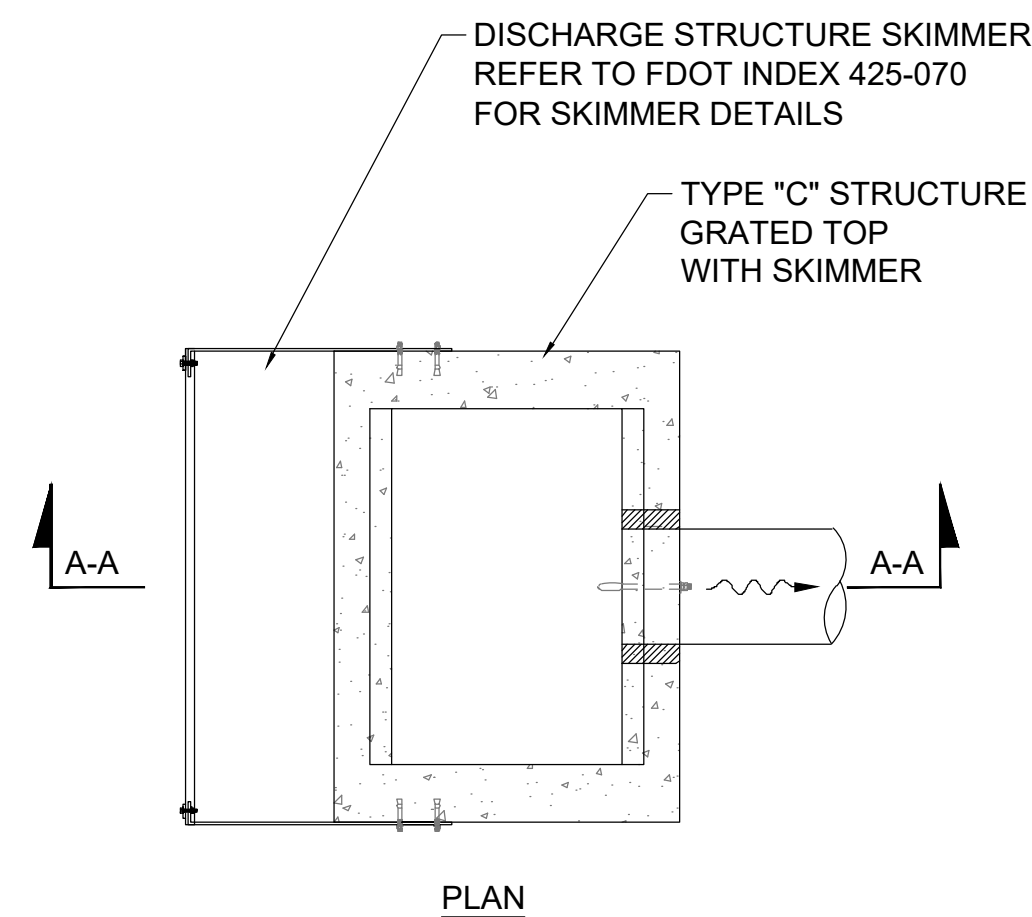
STORMWATER PONDS 3A & 3B TYPICAL SECTION
N.T.S.



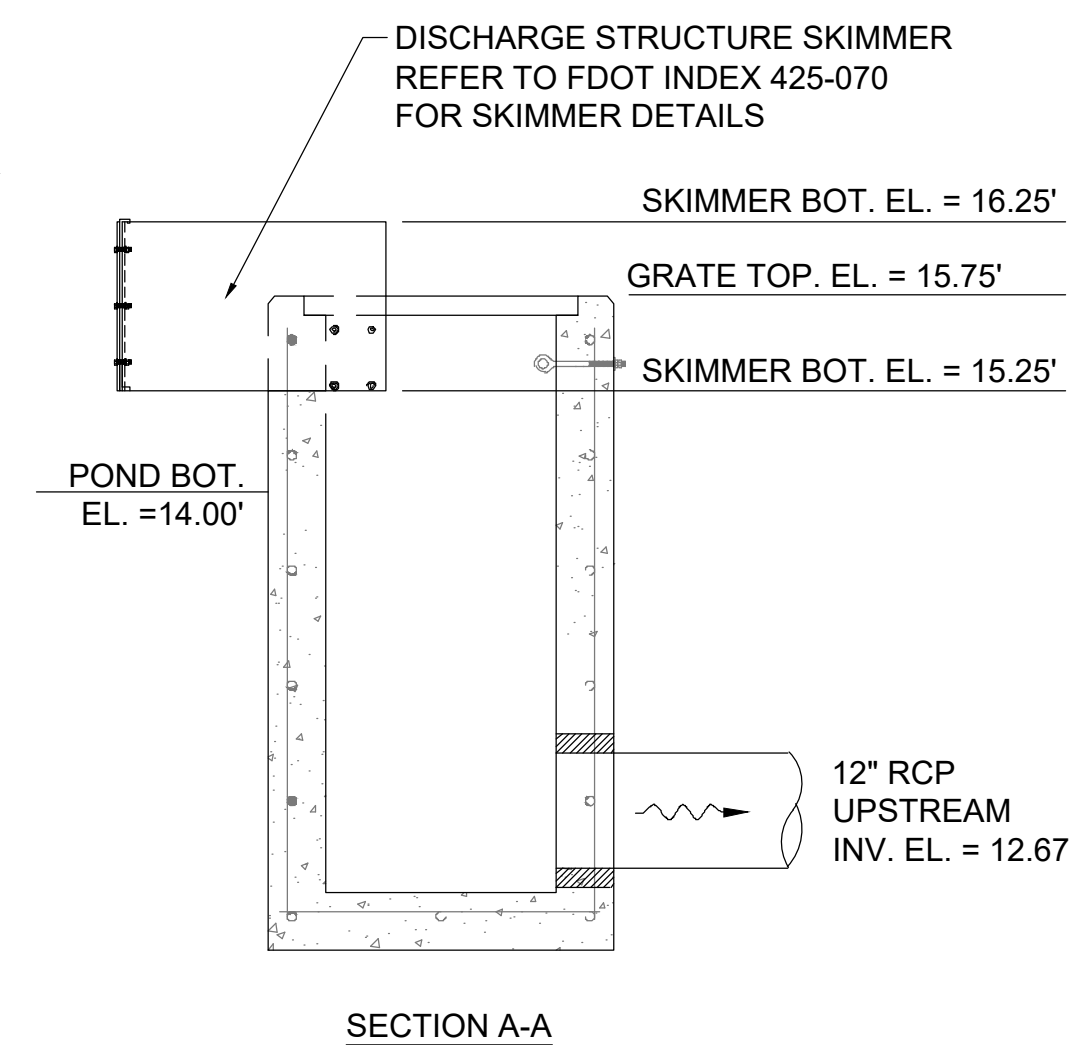
POND 2 - MODIFIED TYPE "D" INLET DISCHARGE CONTROL STRUCTURE DETAIL
N.T.S.



SECTION A-A



POND 3A & 3B DISCHARGE CONTROL STRUCTURE DETAIL TYPE "C" INLET WITH SKIMMER
N.T.S.



SECTION A-A

No.	Date	Revision
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Designed: B. Silcox
Drawn: B. Silcox
Checked: E. Moore, P.E.
Job No.: 1620.011
Date: 3/13/2024 © 2024

STORMWATER PONDS 2, 3A & 3B DETAILS
INLAND FLOOD PROTECTION RETENTION POND AND WALKING PATH PARKER, FLORIDA

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

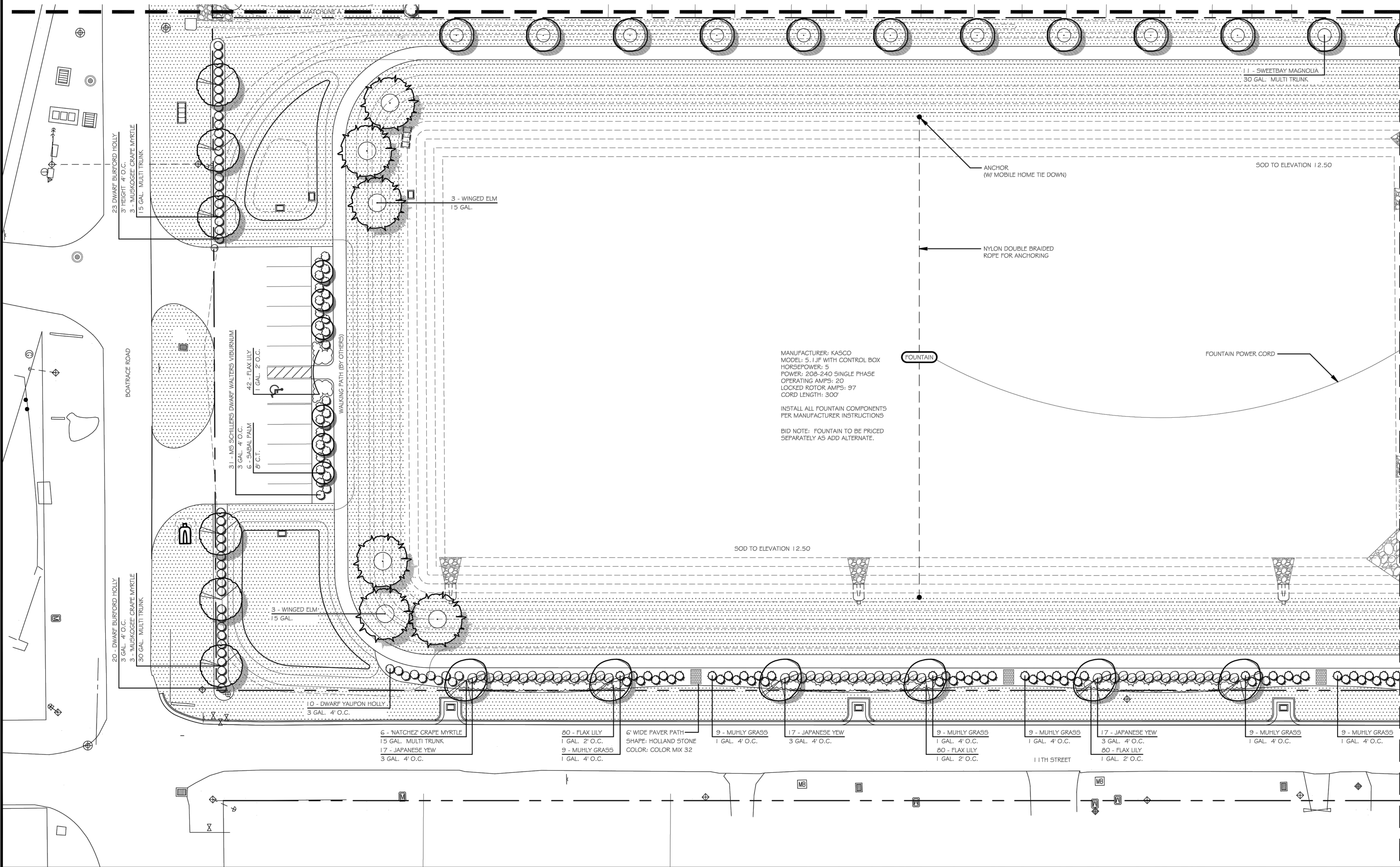
LANDSCAPE REQUIREMENTS
PER CITY OF PARKER CODE

RIGHT OF WAY LANDSCAPING:
BUFFER WIDTH: 20'
BUFFER DENSITY: 50%
BUFFER HEIGHT: 3' MINIMUM

ADJACENT USE BUFFERS:
BUFFER WIDTH: 5'
BUFFER DENSITY: 75%
BUFFER HEIGHT: 6' MINIMUM

LANDSCAPE NOTES:

1. ALL UTILITIES TO BE LOCATED PRIOR TO LANDSCAPE INSTALLATION.
2. ALL PLANT MATERIAL TO BE FLORIDA #1 OR BETTER.
3. ALL BED AREAS TO RECEIVE A 3" MINIMUM THICKNESS PINE STRAW MULCH APPLICATION.
4. ALL TREES, SHRUBS, AND GROUNDCOVERS TO RECEIVE A SLOW RELEASE FERTILIZER UPON INITIAL INSTALLATION.
5. QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY AND SHOULD BE VERIFIED BY THE CONTRACTOR.



LANDSCAPE PLAN
**MELENDY
WALKING PARK**
824 NORTH 11TH STREET
PARKER, FLORIDA

NO.	DATE	INITIALS	REVISION DESCRIPTION
01	01/29/24		CITY SUBMITTAL
02	02/08/24		BID SET
03			
04			
05			
06			
07			

FLORIDA LANDSCAPE ARCHITECT #660692
SEAN P. DALY

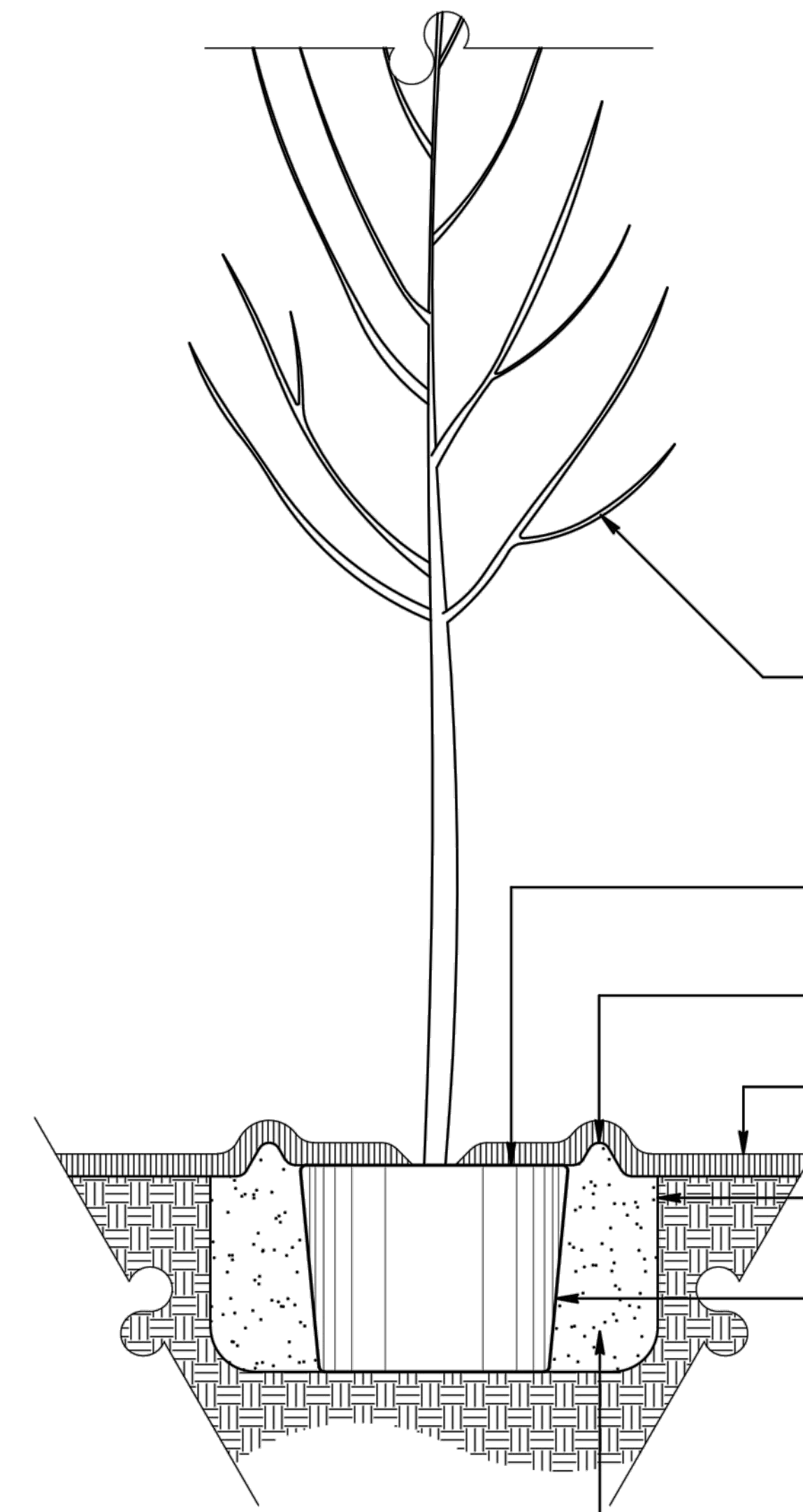
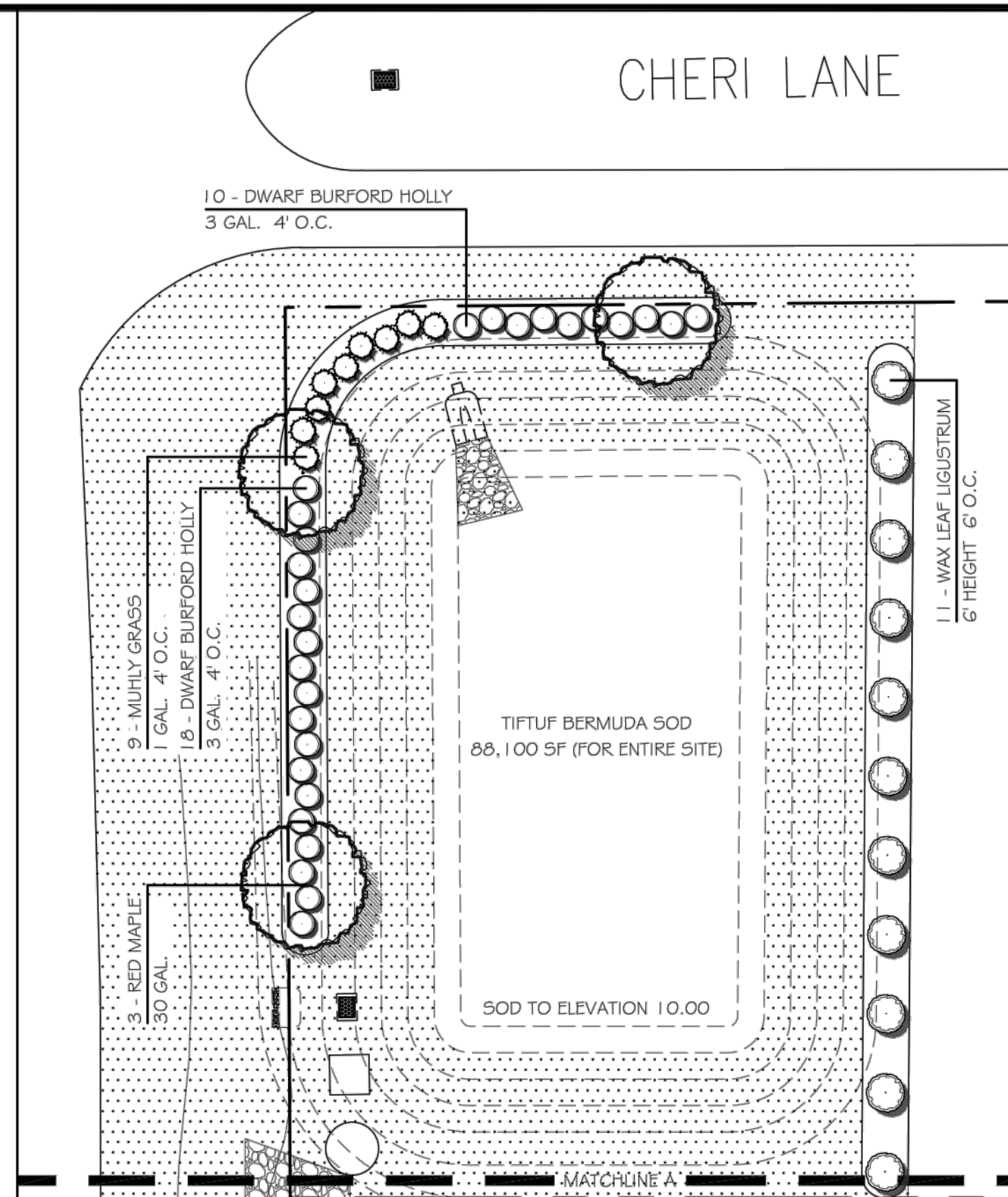
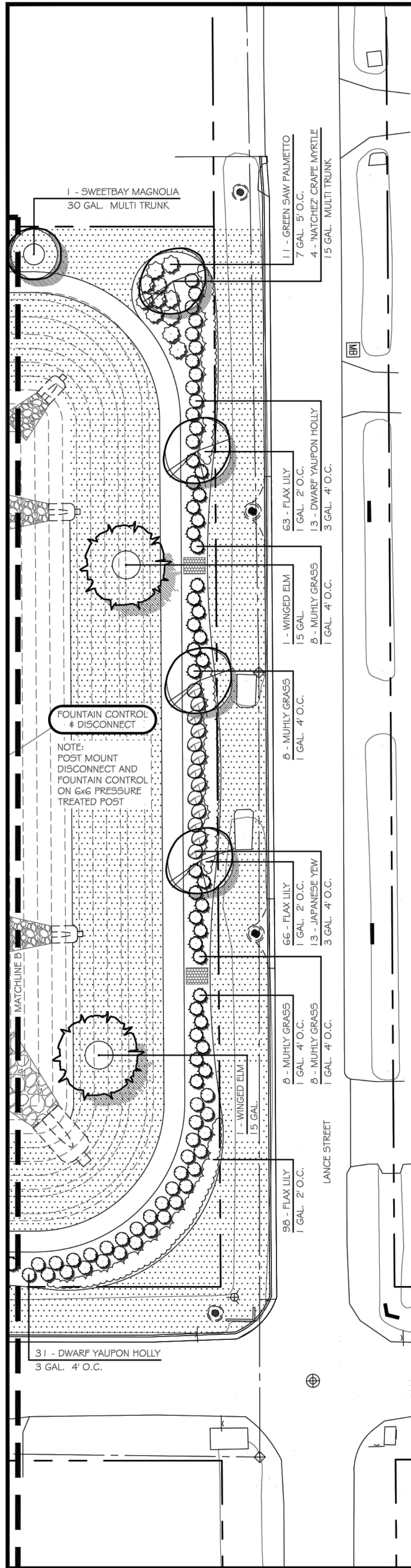


PROJECT NUMBER:

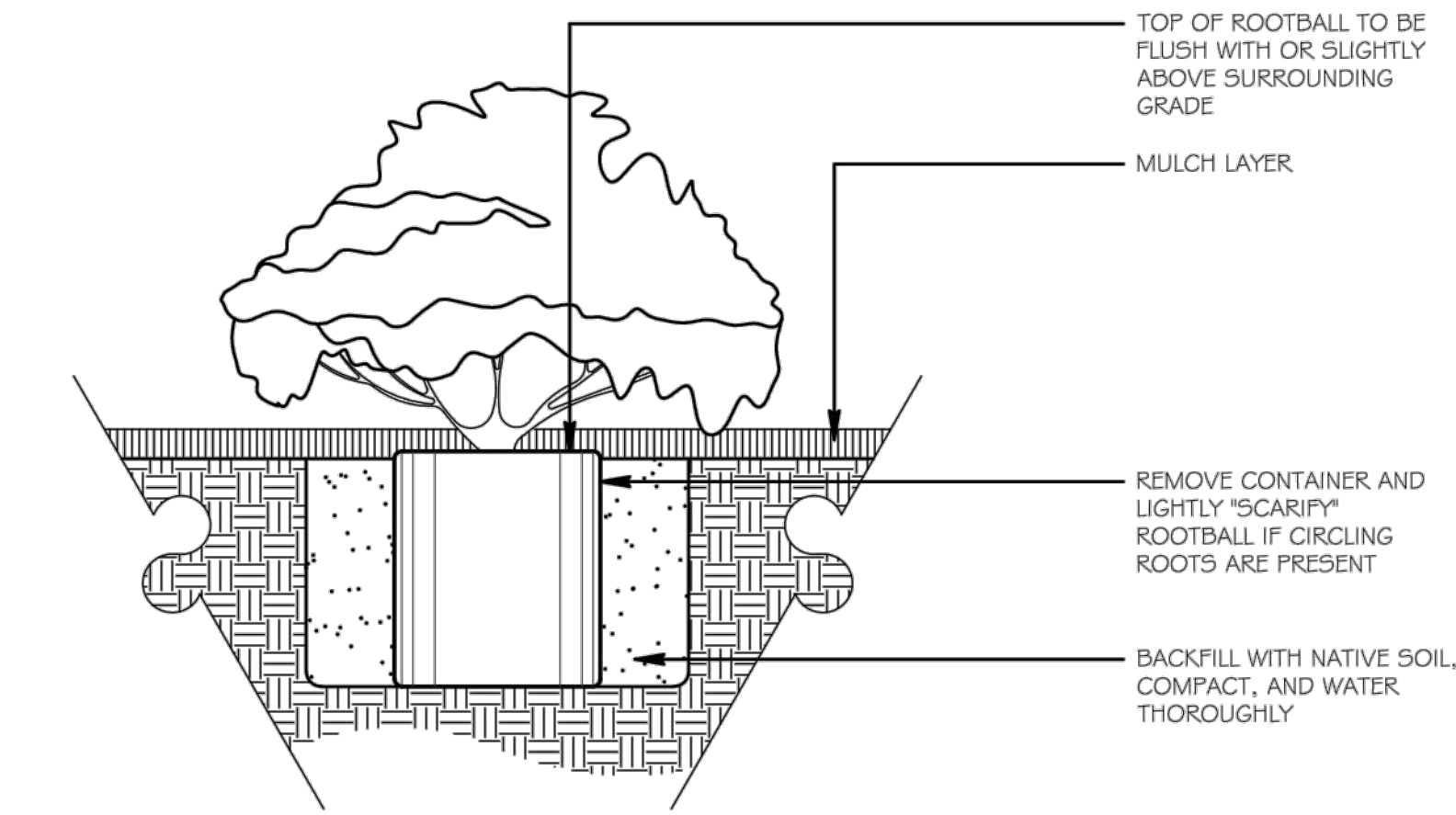
SCALE: 1" = 20'

SHEET NUMBER

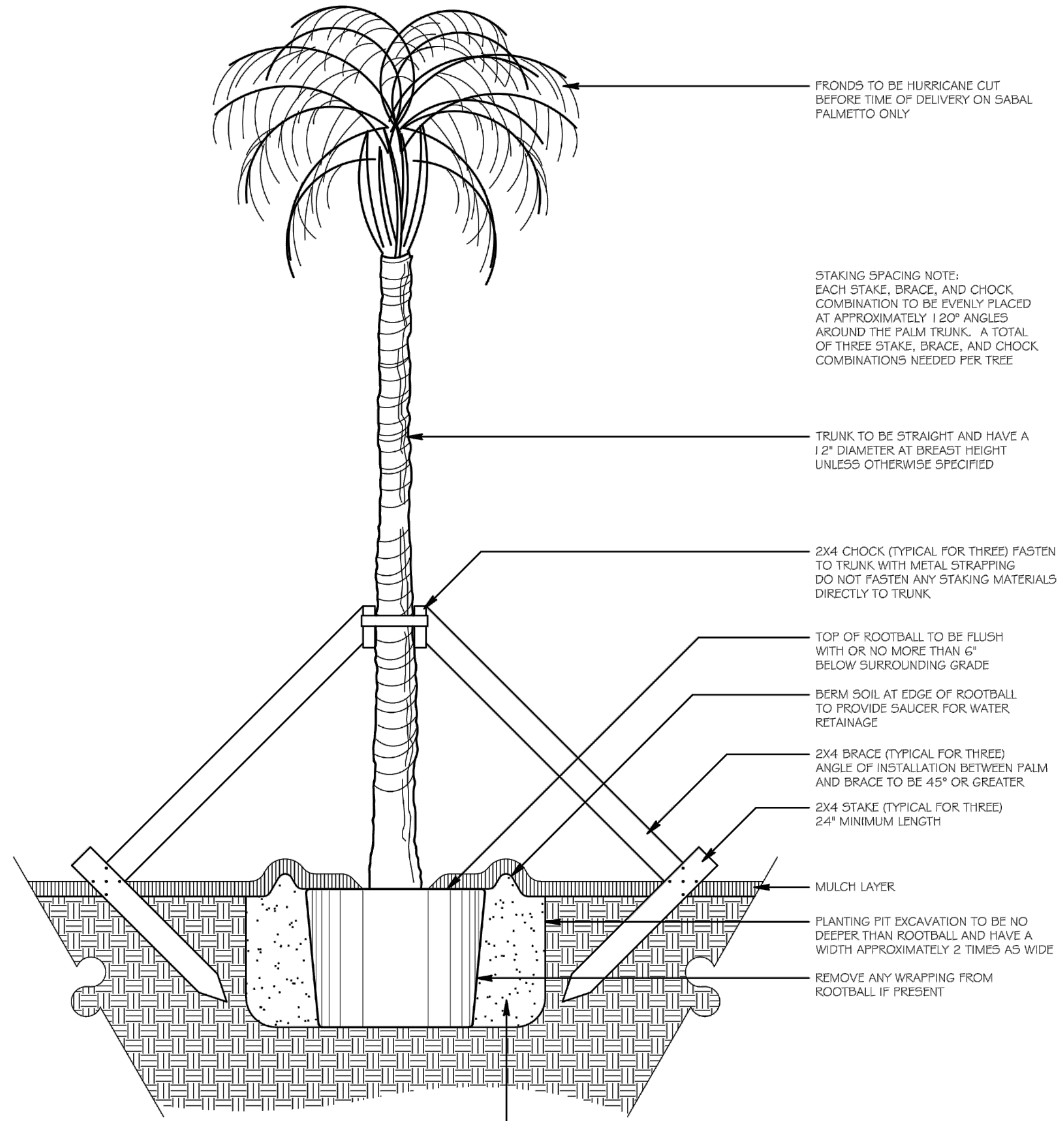
L1
OF FOUR



2 TREE PLANTING DETAIL
L2 NOT TO SCALE



1 CONTAINER SHRUB PLANTING
L2 NOT TO SCALE



3 PALM PLANTING DETAIL
L2 NOT TO SCALE



LANDSCAPE PLAN

MELENDY WALKING PARK
824 NORTH 11TH STREET
PARKER, FLORIDA

SOURCE DATA FOR SITE INFORMATION PROVIDED BY:

NO.	DATE	INITIALS	REVISION DESCRIPTION
01	01/29/24	-	CITY SUBMITTAL
02	02/08/24	-	BID SET
03			
04			
05			
06			
07			

FLORIDA LANDSCAPE ARCHITECT #660628
SEAN P. DALY



PROJECT NUMBER:

SCALE: 1" = 20'

SHEET NUMBER

L2

OF FOUR

DESIGN BY:

CHECKED BY:

© COPYRIGHT 2014 THIS DRAWING CONSTITUTES ORIGINAL AND UNPUBLISHED WORK AND AS SUCH MAY NOT BE REPRODUCED WITHOUT EXPRESS WRITTEN PERMISSION OF LAWNSCAPES, INC.



NOTE:
PIPE ROUTING IS SHOWN THROUGH HARDSCAPE AREAS
AND BEYOND PROPERTY BOUNDARIES FOR CLARITY
ONLY. ROUTE ALL PIPING THROUGH INDICATED
SLEEVING AND WITHIN THE PROPERTY LIMITS.

NYLON DOUBLE BRAIDED
ROPE FOR ANCHORING

ANCHOR 

POINT OF CONNECTION NOTE:
INSTALL NEW PUMP.
SEE DETAIL 4/L4.

CONTROLLER NOTE:
POST MOUNT CONTROLLER ON
PRESSURE TREATED 6X6 OR AS
DIRECTED BY OWNER.

COORDINATE PUMP AND IRRIGATION
CONTROLLER POWER SUPPLIES WITH
OWNER'S REPRESENTATIVE.

2" ORANGE AND CLEAR —
SUCTION HOSE.
TRANSITION TO SUCTION
HOSE AT WATER'S EDGE.
USE SOLID PVC FROM
PUMP TO WATER'S EDGE.
USE STAINLESS STEEL
CLAMPS FOR ATTACHING
MALE ADAPTER END
FITTINGS TO EACH END OF
SUCTION HOSE.

NO.	DATE	INITIALS	REVISION DESCRIPTION
01	01/29/24	-	CITY SUBMITTAL
02	02/08/24	-	BID SET
03			
04			
05			
06			
07			



PROJECT NUMBER:

SCALE: $1" = 20'$

		SHEET NUMBER
--	--	--------------

DESIGN BY:		L3
CHECKED BY:		

OF FOUR

IRRIGATION PLAN

MELENDY WALKING PARK

324 NORTH 11TH STREET
PARKER, FLORIDA



© COPYRIGHT 2014 THIS DRAWING CONSTITUTES ORIGINAL AND UNPUBLISHED WORK AND AS SUCH MAY NOT BE REPRODUCED WITHOUT EXPRESS WRITTEN PERMISSION OF LAWNSCAPES, INC.

