

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



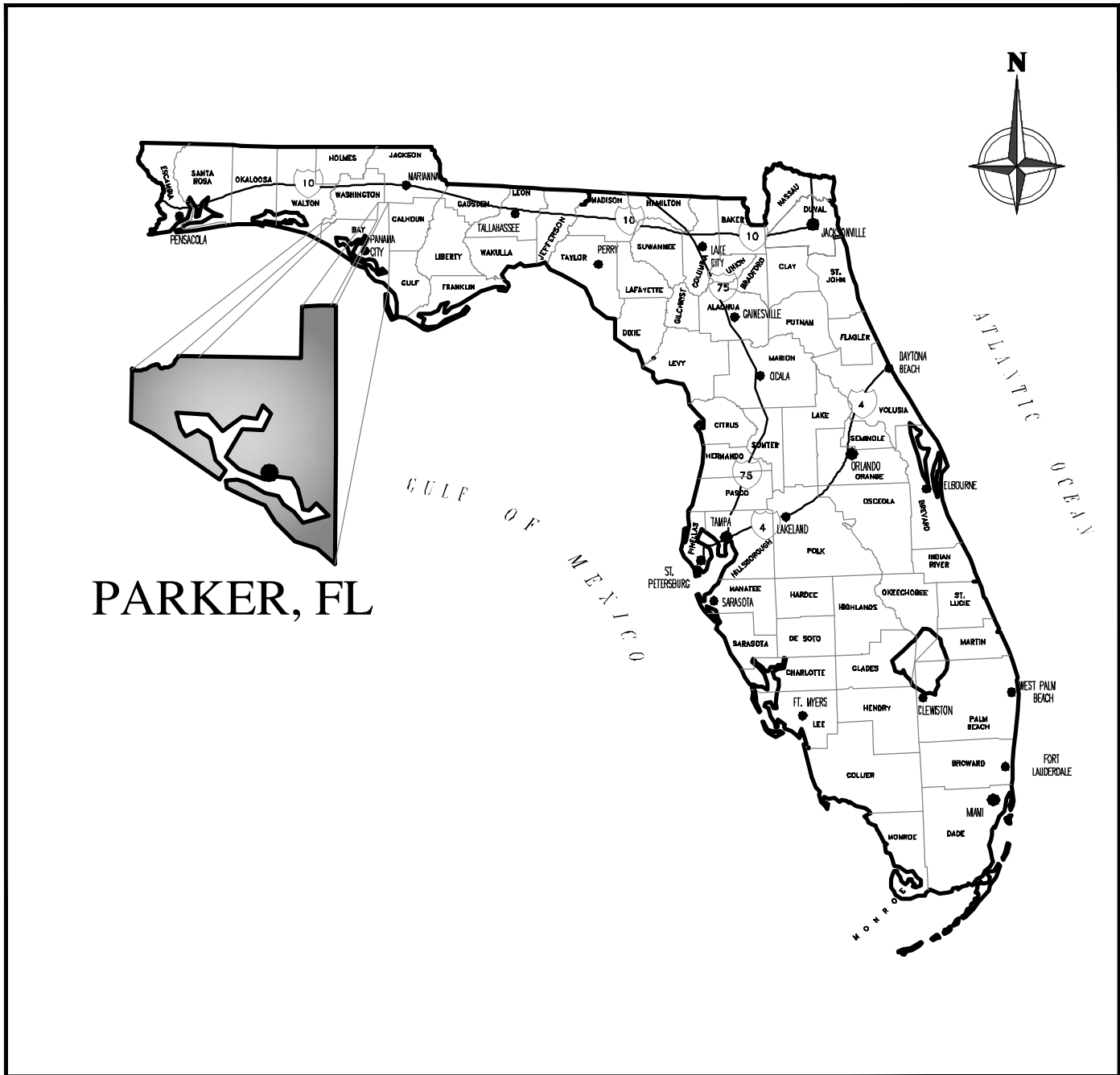
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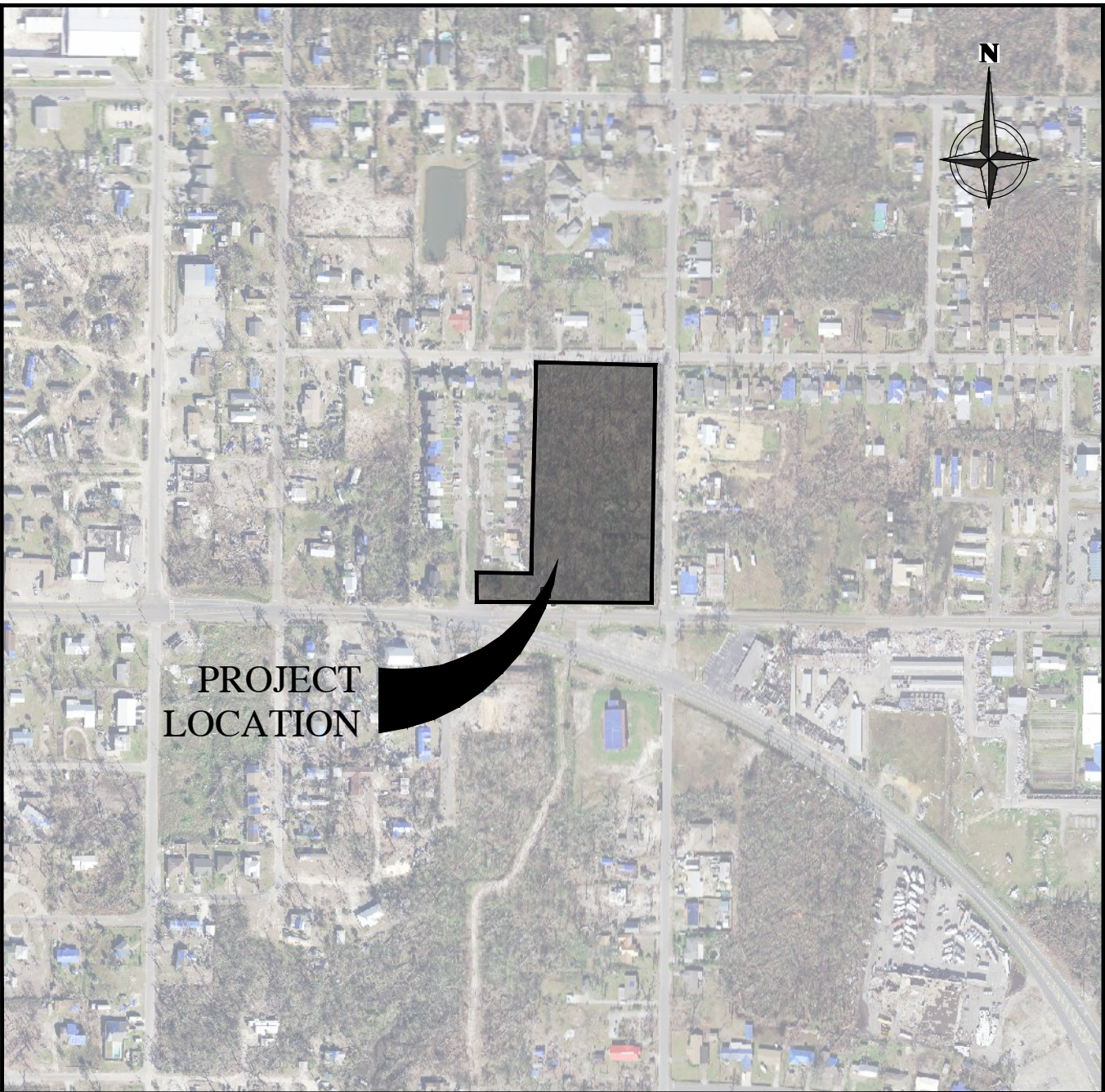


CERTIFICATE OF AUTHORIZATION No.: 31422
ELIZABETH S. MOORE, P.E. No.: 57607
THE ABOVE NAMED PROFESSIONAL ENGINEER
SHALL BE RESPONSIBLE FOR THE FOLLOWING
SHEETS INDICATED BY (*) IN ACCORDANCE WITH
RULE 61G15-23.005, F.A.C.

VICINITY
MAP

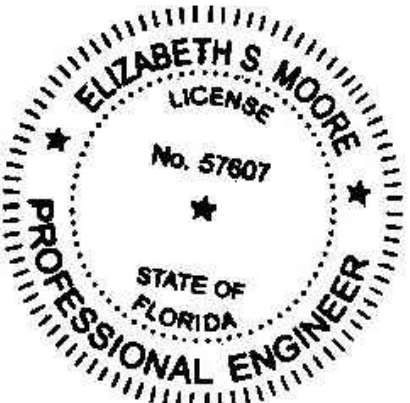


LOCATION
MAP



INDEX OF SHEETS

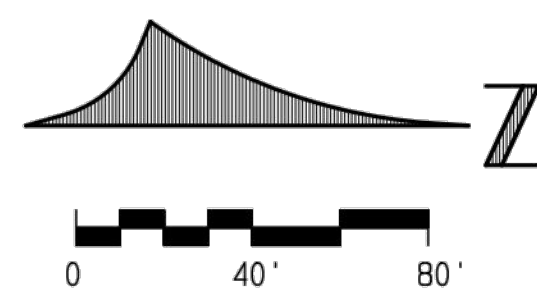
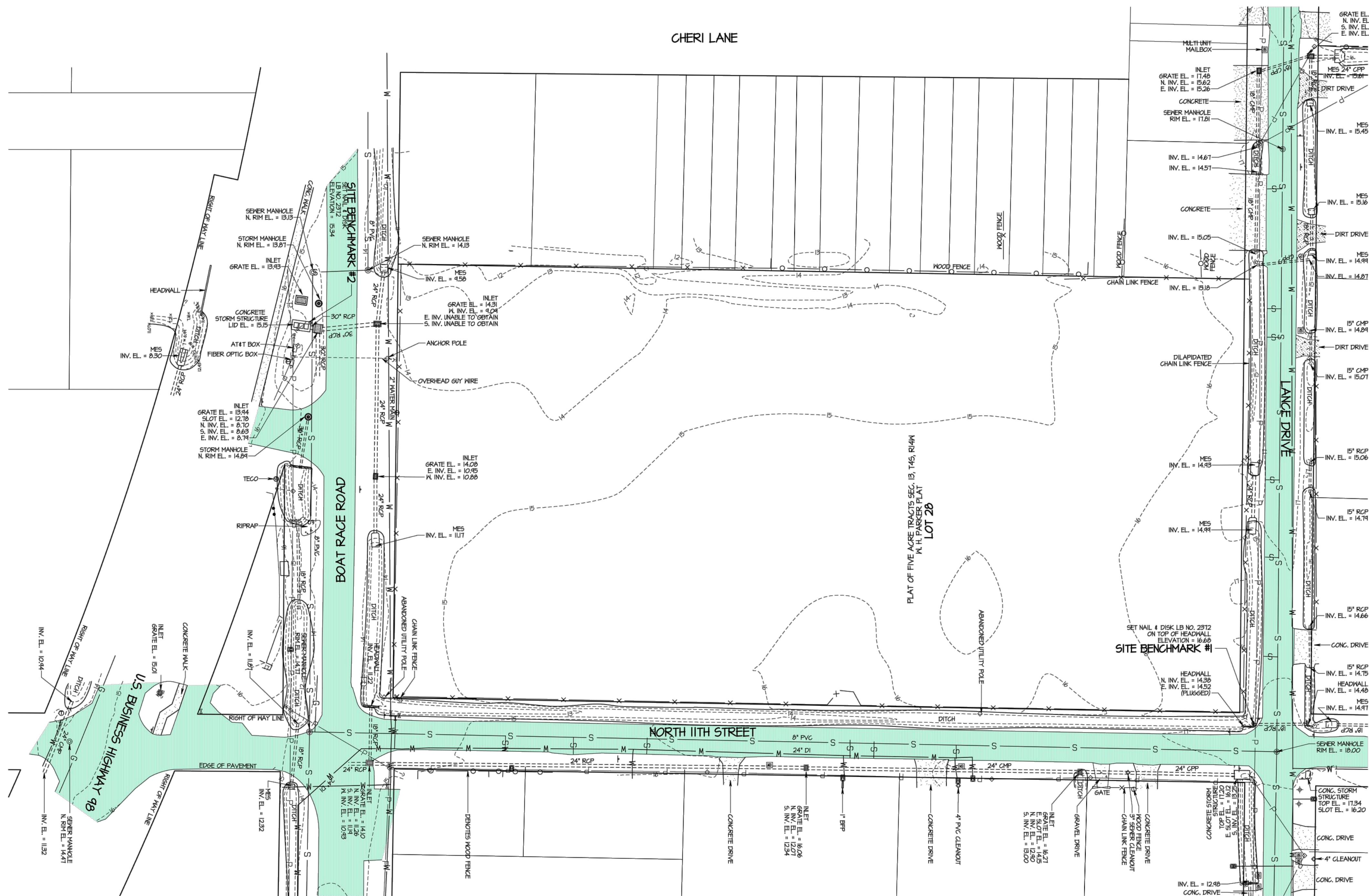
- (*) C0.0 COVER SHEET
TOPOGRAPHIC SURVEY (NORTH 11TH STREET PARCEL)
TOPOGRAPHIC SURVEY (CHERI LANE PARCEL)
- (*) C0.1 GENERAL NOTES
- (*) C0.2 STORMWATER POLLUTION PREVENTION * EROSION CONTROL PLAN
- (*) C0.3 STORMWATER POLLUTION PREVENTION PLAN
- (*) C1.0 EXISTING SITE DEMOLITION PLAN
- (*) C1.1 SITE IMPROVEMENTS PLAN
- (*) C1.2 SITE GRADING AND DRAINAGE PLAN
- (*) 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



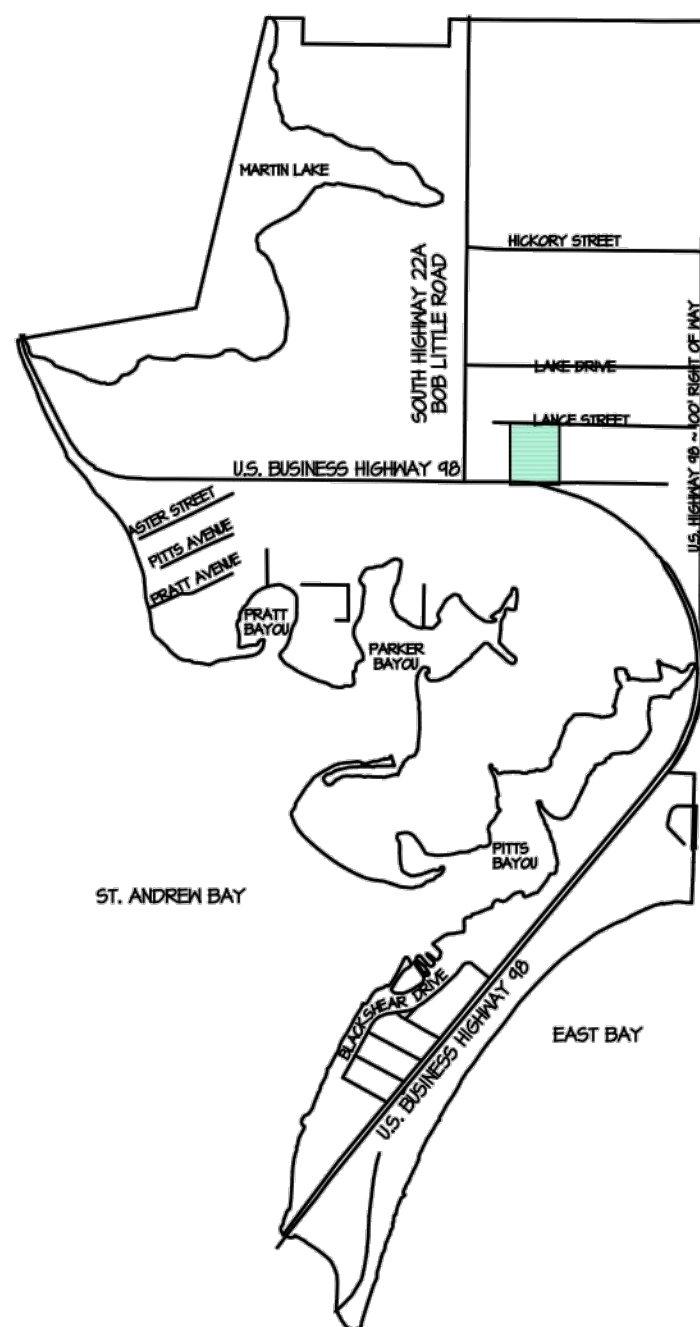
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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MUST BE VERIFIED ON ANY ELECTRONIC DOCUMENTS.

DATE: 2/2/2024

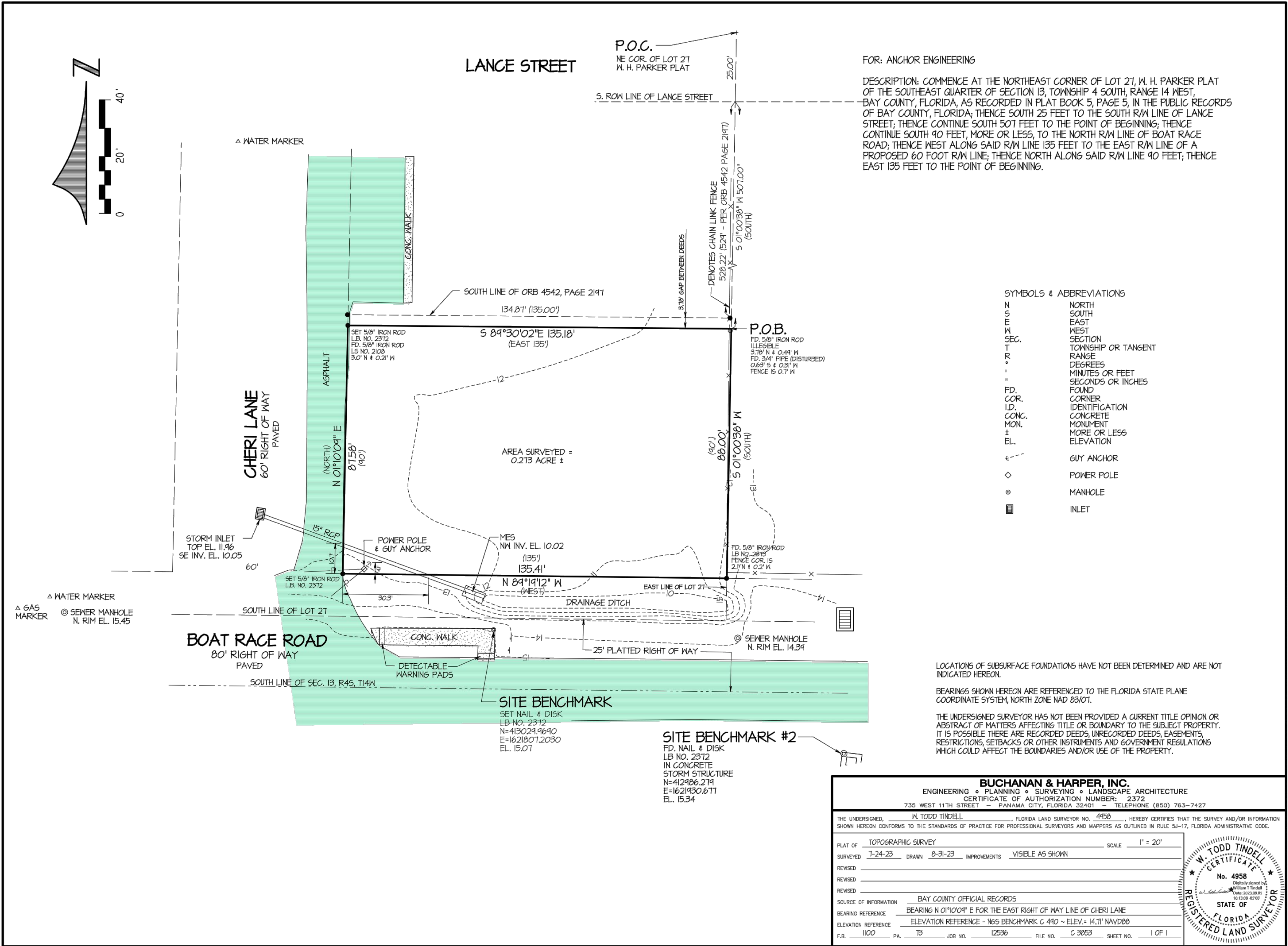


CITY OF PARKER, FLORIDA



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	
SOURCE OF INFORMATION	
BEARING REFERENCE <u>N65° BENCHMARK C 490 - ELEVATION = 14.71 NAVD 88</u>	
ELEVATION REFERENCE <u>1180 PA 0 JOB NO. 12251.08 FILE NO. E 3847 SHEET NO. 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.

14. 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.



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

No.	Date	Revision
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Designed: B. Silcox

Drawn: B. Silcox

Checked: E. Moore, P.E.

Job No.: 1620.011

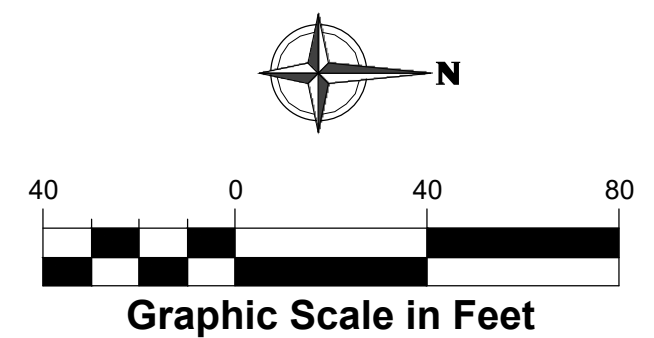
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GENERAL NOTES

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

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

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CO.1

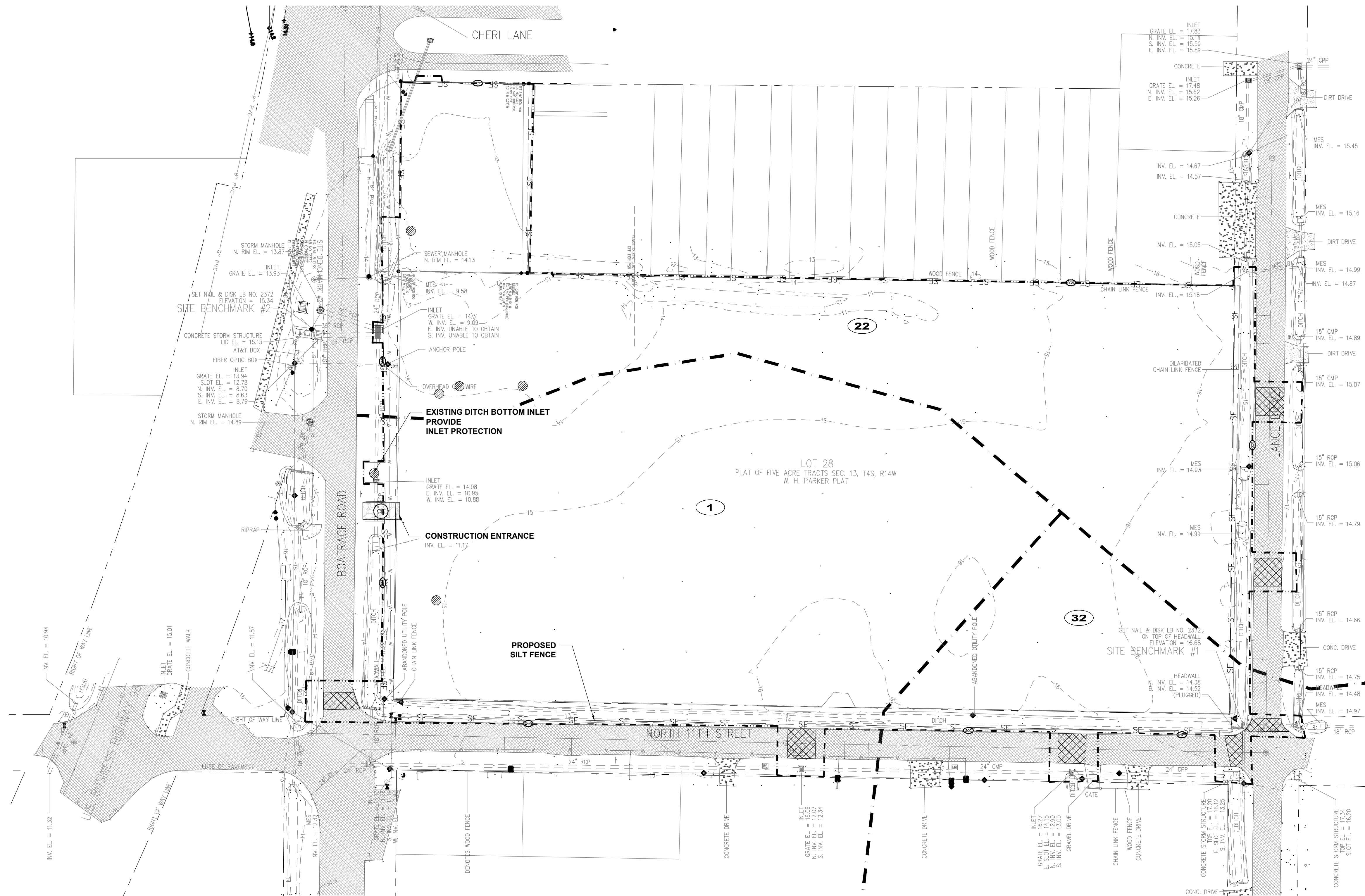


LEGEND:

- Legend for Erosion and Sediment Control Manual:

 - SF**: SILT FENCE PER STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL (LATEST EDITION)
 - CE**: CONSTRUCTION ENTRANCE PER STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL (LATEST EDITION)
 - 1**: SOIL TYPE: ALBANY SAND, 0 to 2 PERCENT SLOPES
 - 22**: SOIL TYPE: PAMILCO-DOROVAN COMPLEX
 - 32**: SOIL TYPE: PLUMMER SAND

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



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

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Designed: B. Silcox Drawn: B. Silcox Checked: E. Moore, P.E. Job No.: 1620.011 Date: 2/2/2024 © 2024				

**STORMWATER POLLUTION
PREVENTION PLAN**

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

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Sheet No.
CO.2

Sunshine811
1 or www.sunshine811.com two full
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.**



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Designed: B. Silcox	
Drawn: B. Silcox	
Checked: E. Moore, P.E.	
Job No.: 1620.011	
Date: 2/2/2024	© 2024

**EXISTING SITE
DEMOLITION PLAN**

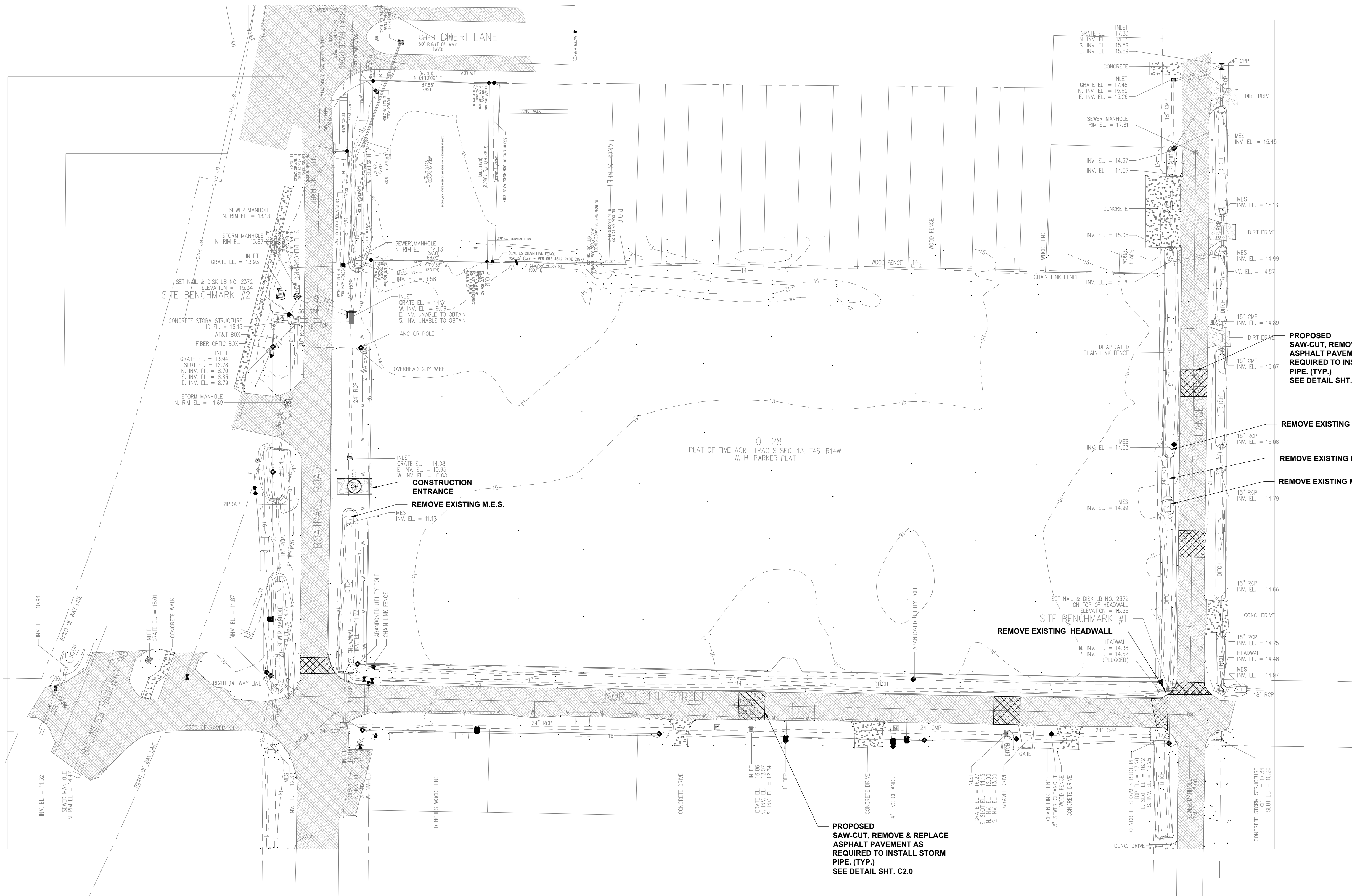
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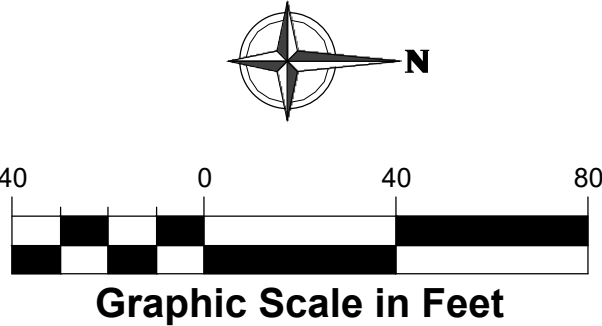
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Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

Check positive response codes before you dig!





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 SCTLS 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.

PROPOSED (REM. & REPL.)
CONC. END WALL
TOP EL.: 17.25'
INV. 14.48'
PER FDOT STD. INDEX 430-030

**REMOVE & REPLACE
EXISTING RCP TO REVERSE
FLOW DIRECTION
E. INV. 14.50'**

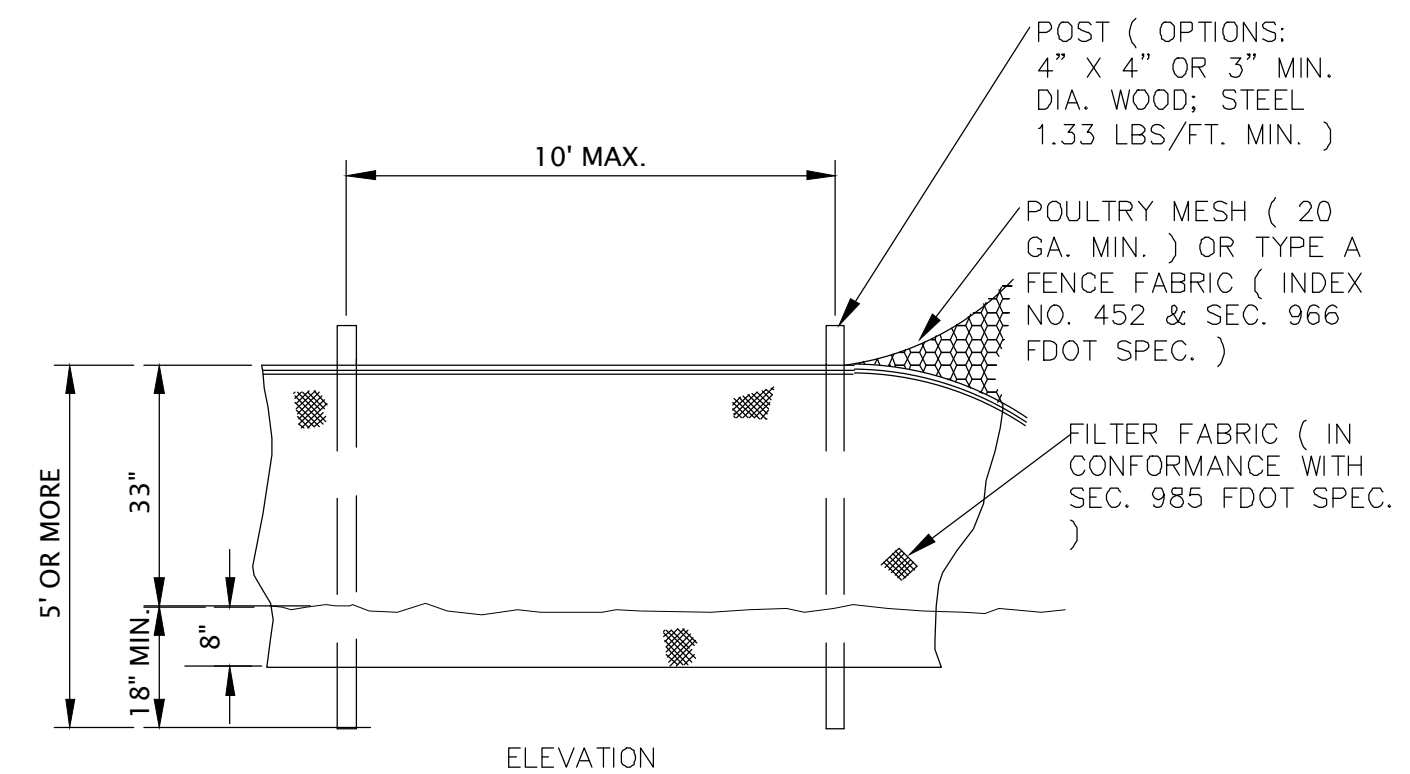
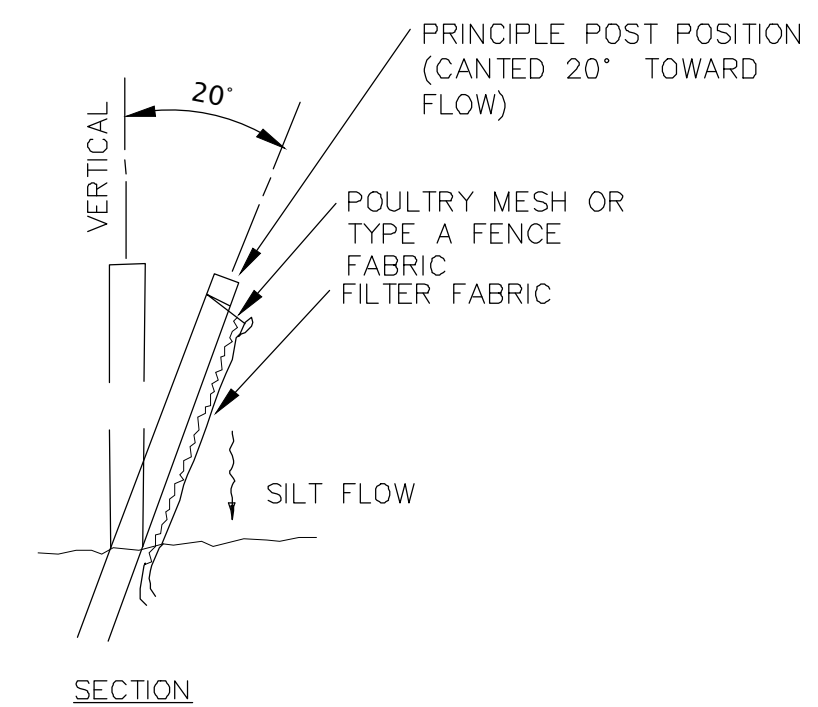
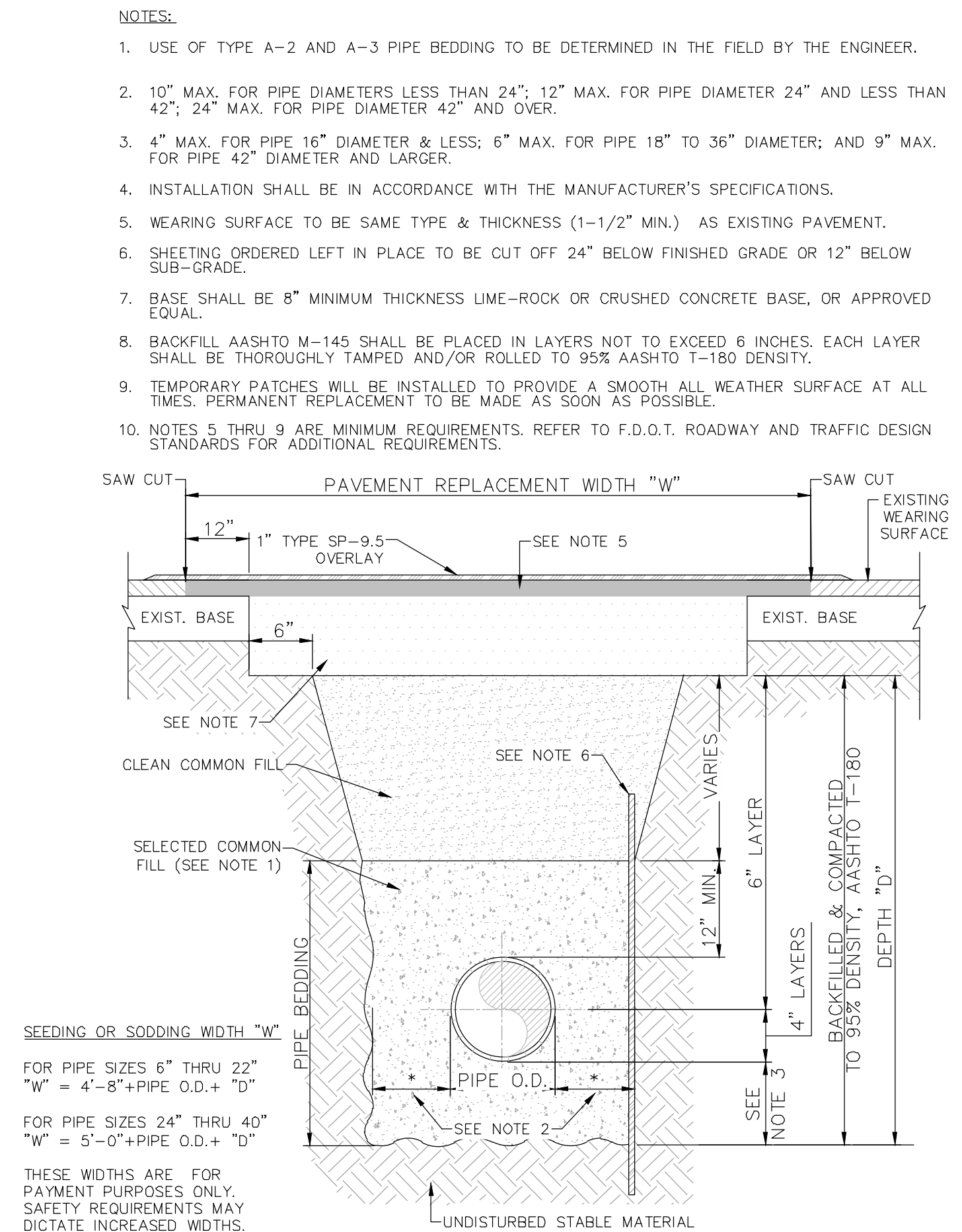
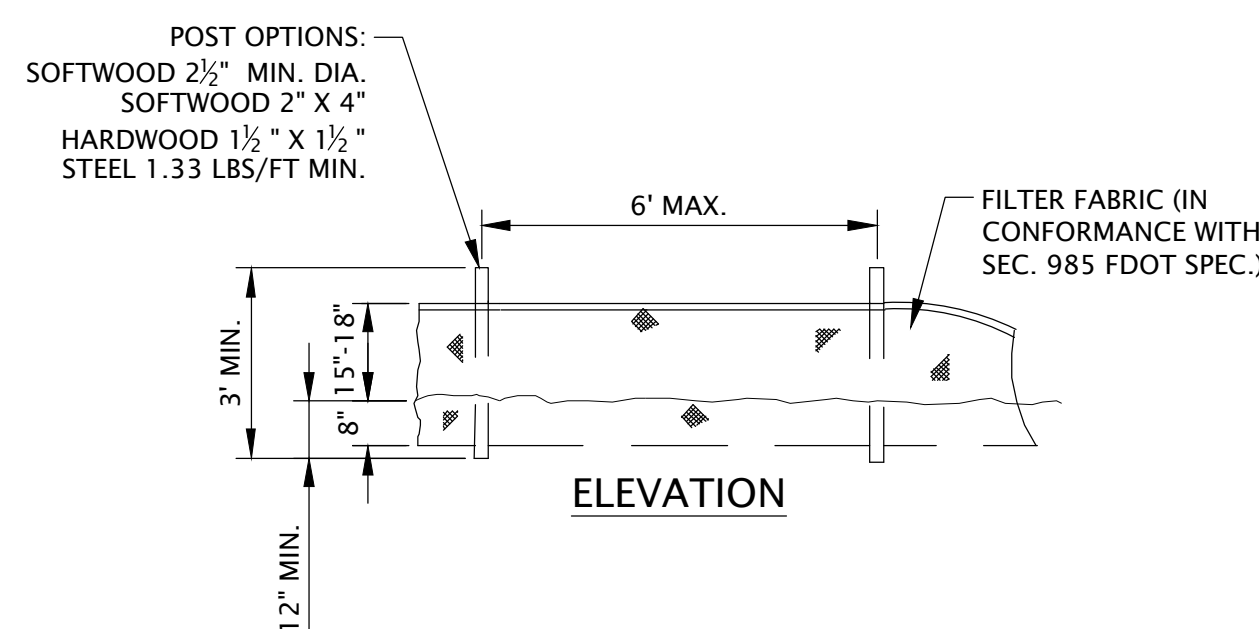
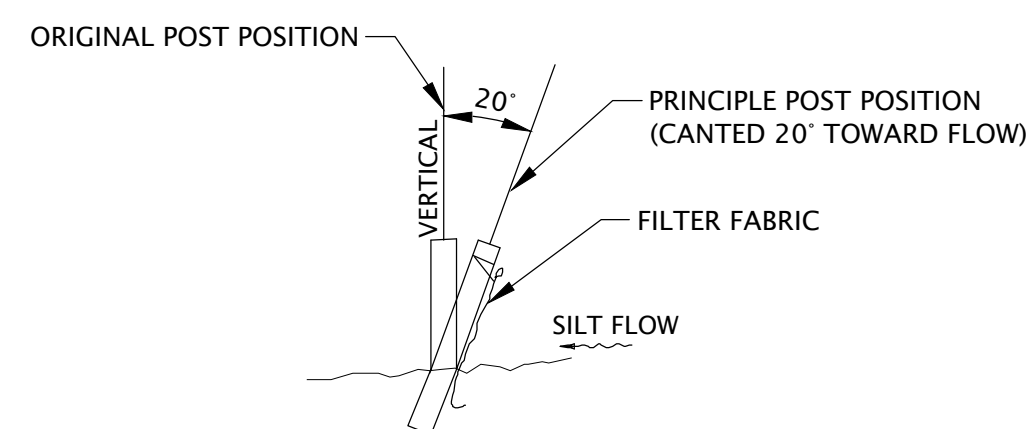
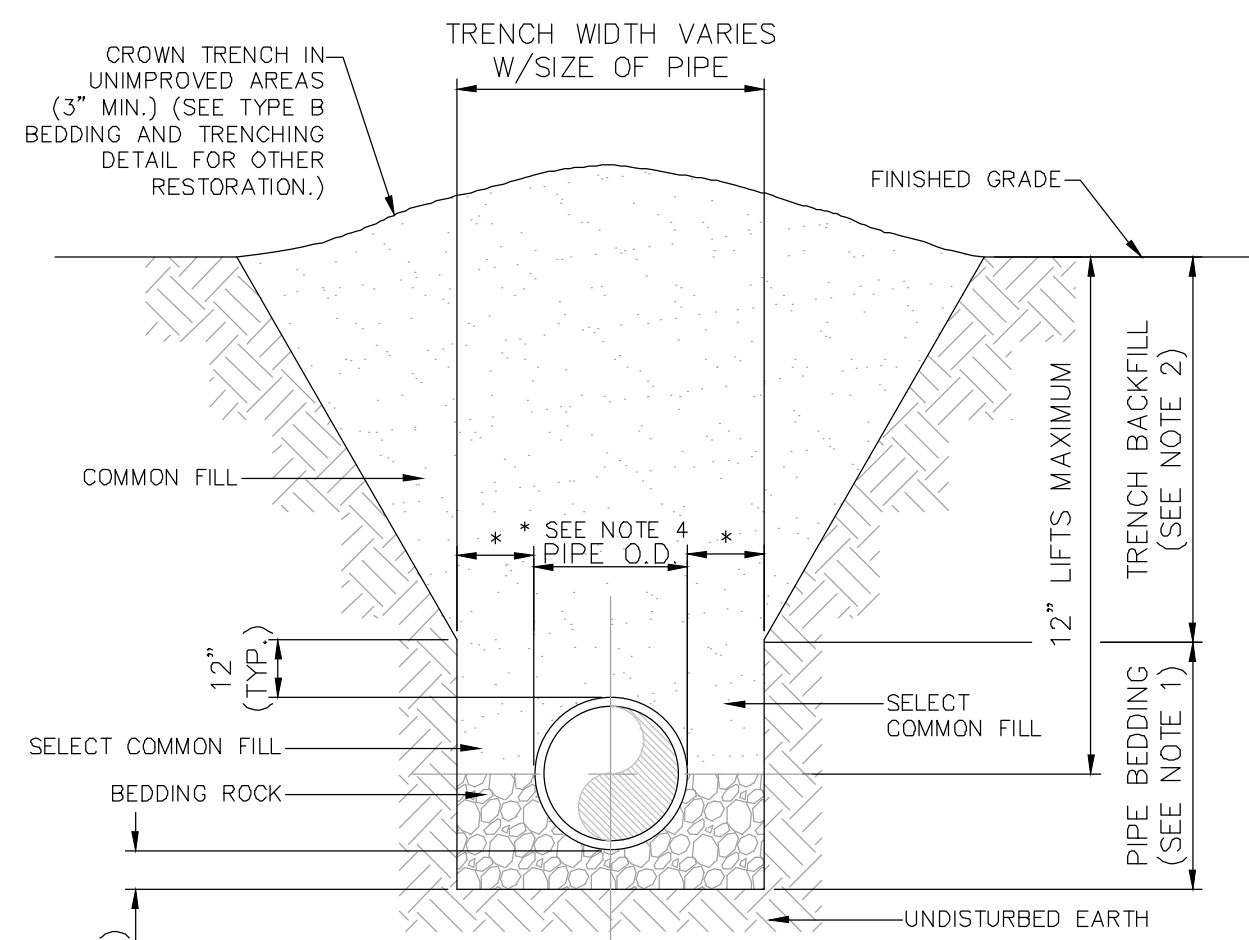
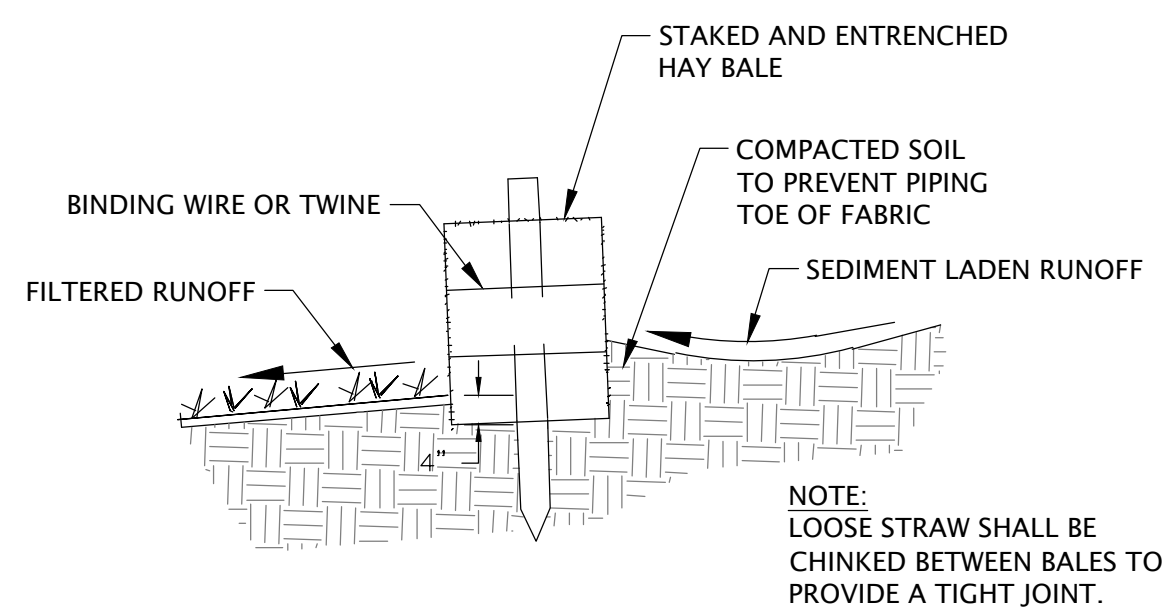
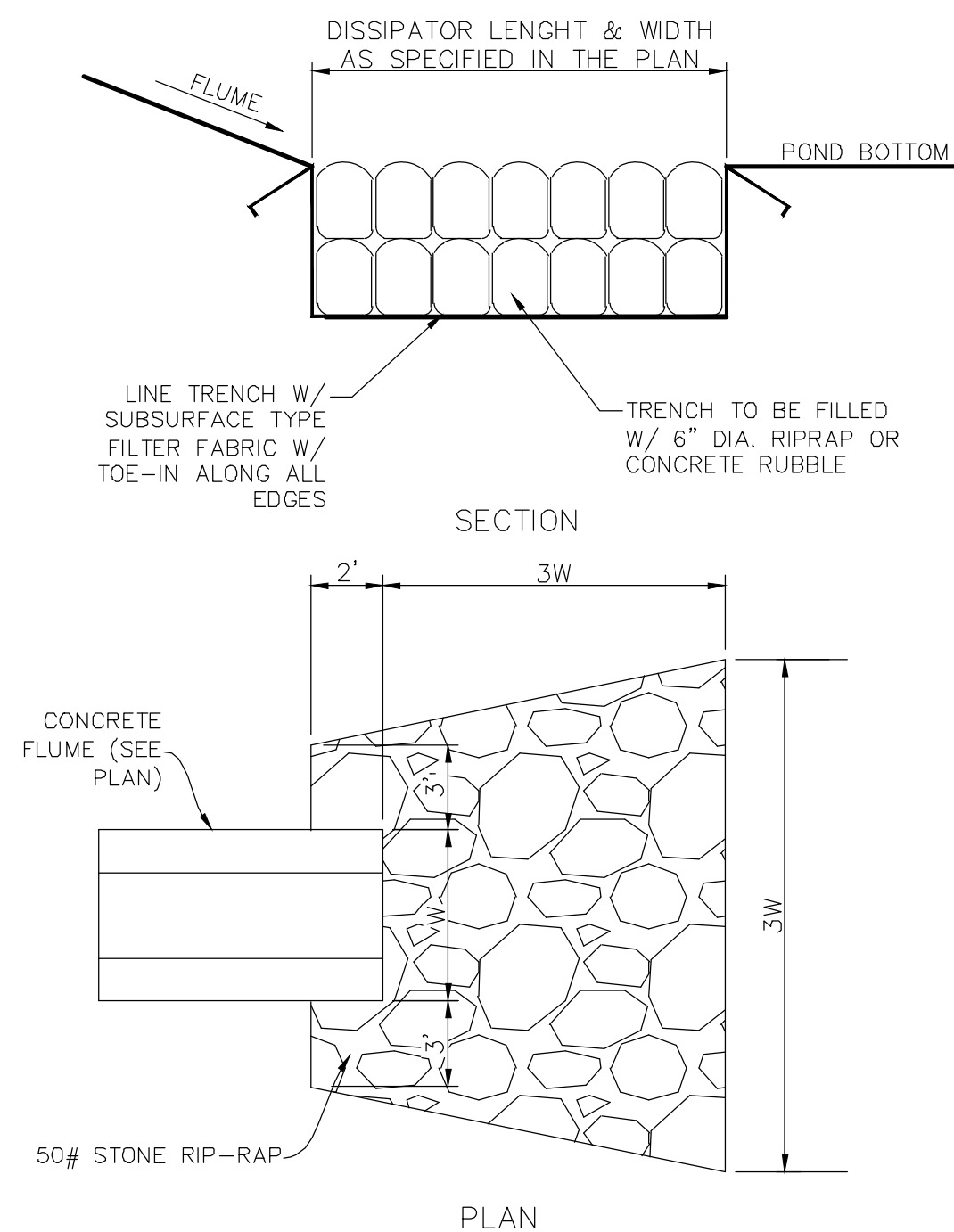
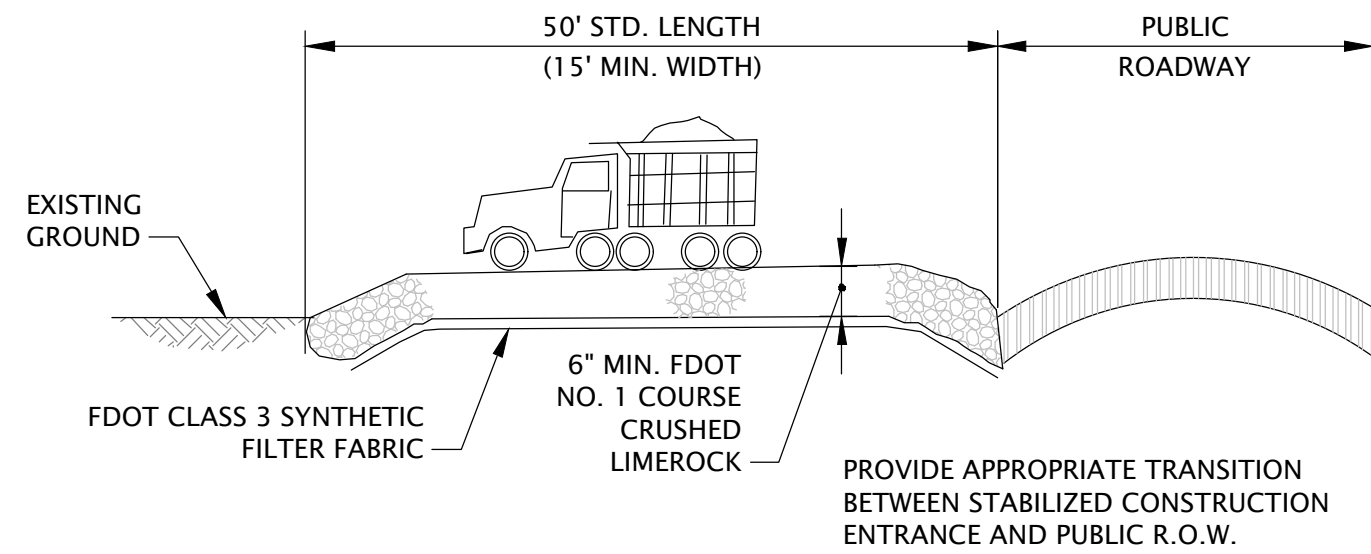
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Drawn: B. Silcox	
Checked: E. Moore, P.E.	
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CONSTRUCTION WITHOUT
COMPLETE SET OF PLANS.

Sheet No.
C1.2



Anchor **CEI**
Engineering that works.
P. 850.215.1285 • F. 850.215.1286
450 Magnolia City, FL 32401
CA Number: 31422

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

No.	Date	Revision
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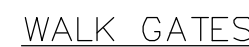
Designed: B. Silcox	
Drawn: B. Silcox	
Checked: E. Moore, P.E.	
Job No.: 1620.011	
Date: 2/2/2024	© 2024

CONSTRUCTION DETAILS

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

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

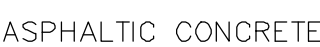
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- ## CONCRETE WALK DETAIL

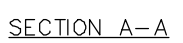


- ## CHAIN LINK FENCE AND GATE DETAILS



- (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 MATERIAL'S ASTM D-1557 MAXIMUM DRY DENSITY IF SOIL CEMENT IS USED AS BASE MATERIAL.

PAVEMENT SECTION (PARKING)



- NOTES:

- ### ALTERNATE ASPHALT WALK DETAIL



PLAN



1. FLUME SHALL EXTEND DOWN TO THE BOTTOM OF THE POND.

RECTANGULAR CONCRETE FLUME



1. THE SIGN'S FACE SHALL BE OF AN ENGINEERING GRADE REFLECTORIZED MATERIAL.
2. ALL LETTERS ARE 1 INCH SERIES "C" PER THE MUTCD.
3. THE TOP PORTION OF THE SIGN SHALL HAVE A BLUE BACKGROUND WITH A WHITE LEGEND AND BORDER.
4. THE BOTTOM PORTION OF THE SIGN SHALL HAVE A WHITE BACKGROUND WITH A BLACK OPAQUE LEGEND AND BORDER.
5. THE FINE NOTIFICATION SIGN SHALL HAVE A WHITE BACKGROUND WITH A BLACK OPAQUE LEGEND AND BORDER.
6. ONE SIGN SHALL BE REQUIRED FOR EACH PARKING SPACE.
7. 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.
8. ALL SIGNS SHALL BE MOUNTED ON 3 POUND CHANNEL POSTS. SIGNS MAY BE MOUNTED ON BUILDINGS WITH CITY APPROVAL.

ACCESSIBLE SIGN



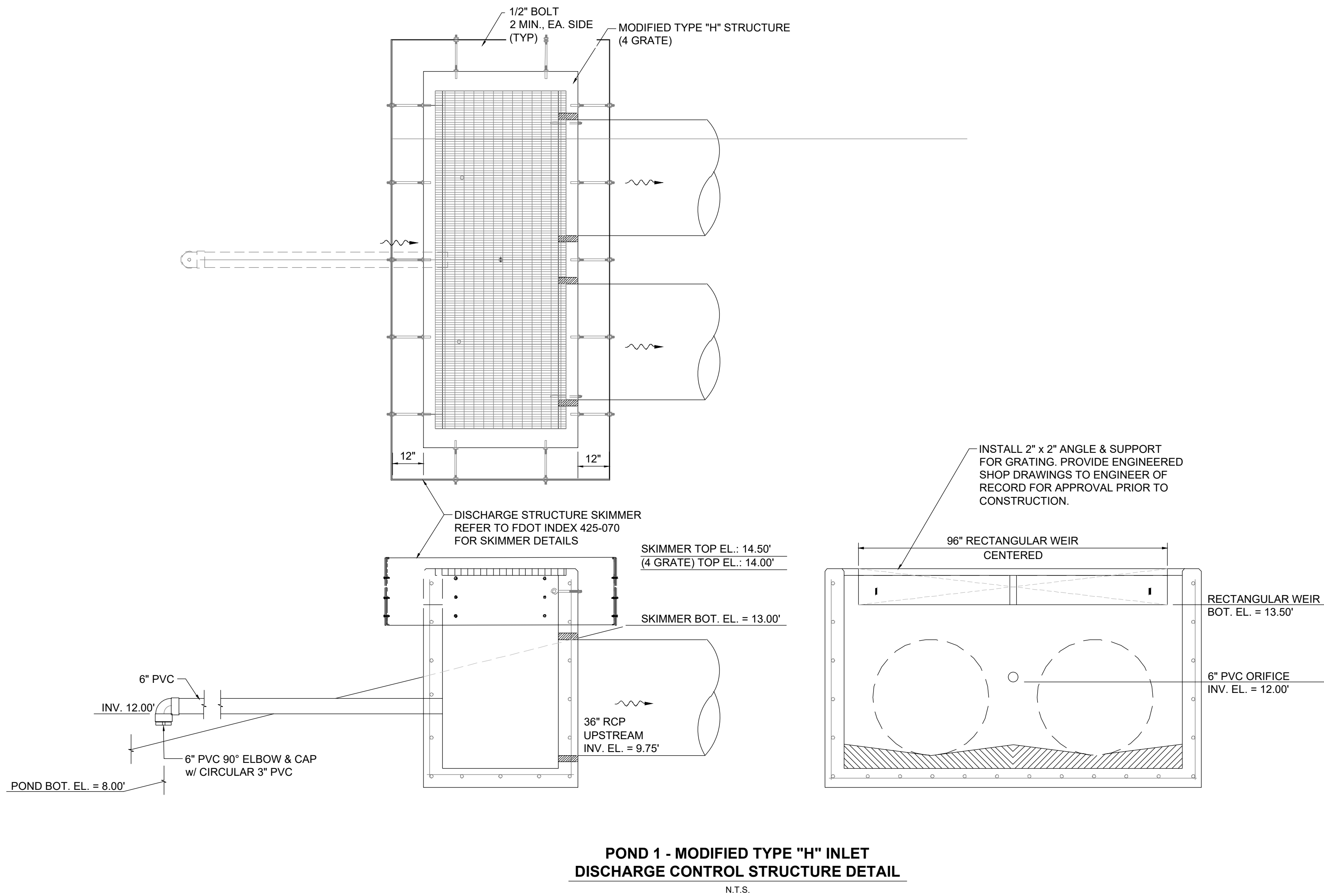
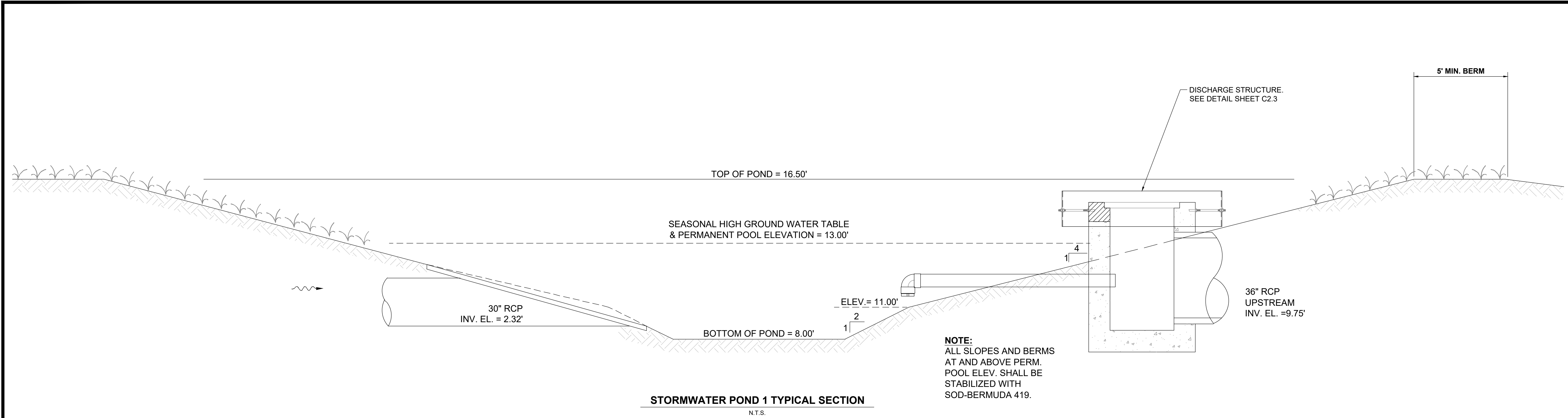
TYPICAL ADA PARKING SPACE DETAIL



WARNING SIGN DETAIL



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This item has been electronically signed and sealed by ELIZABETH S. MOORE, PE on February 2, 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

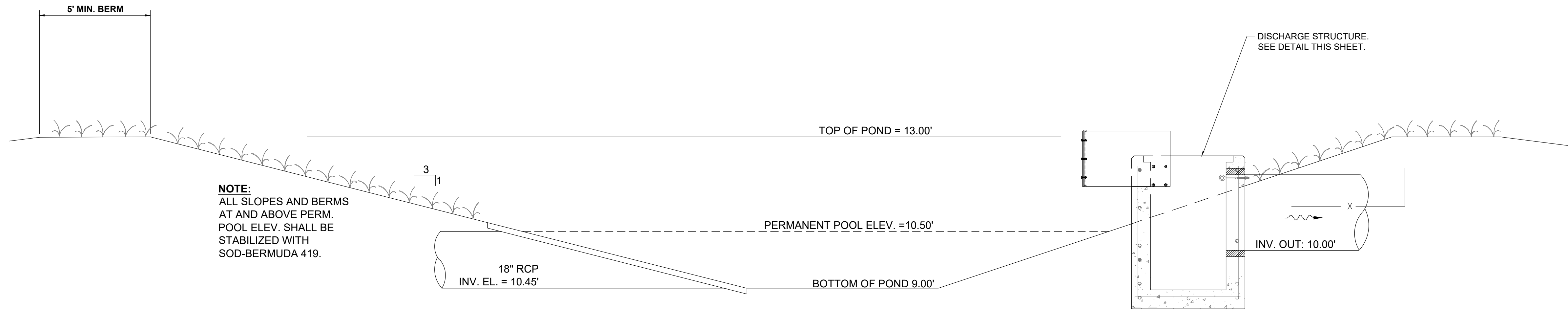
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Designed: B. Silcox
Drawn: B. Silcox
Checked: E. Moore, P.E.
Job No.: 1620.011
Date: 2/2/2024 © 2024

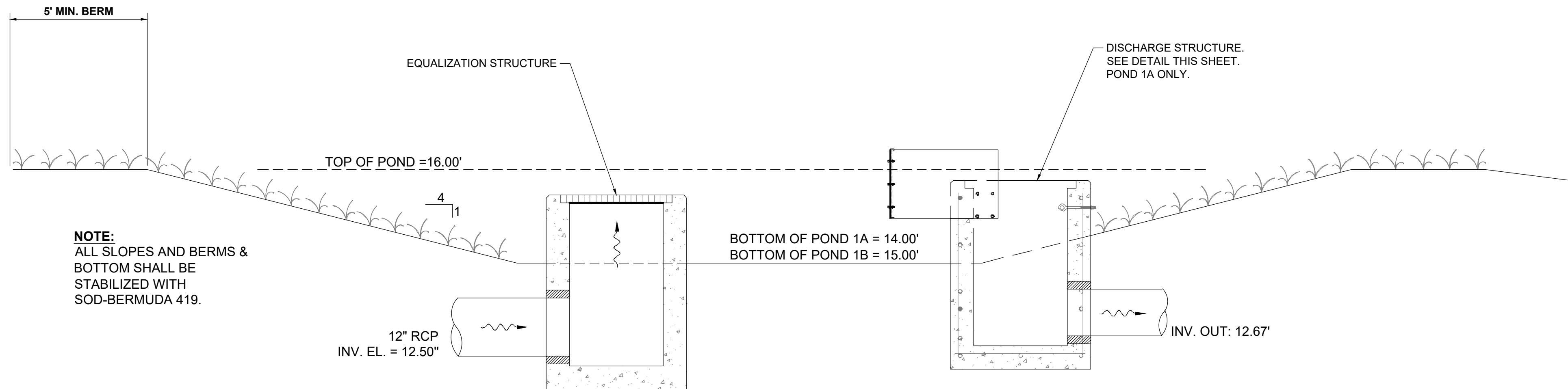
STORMWATER POND 1 DETAILS
INLAND FLOOD PROTECTION
RETENTION POND
AND WALKING PATH
PARKER, FLORIDA

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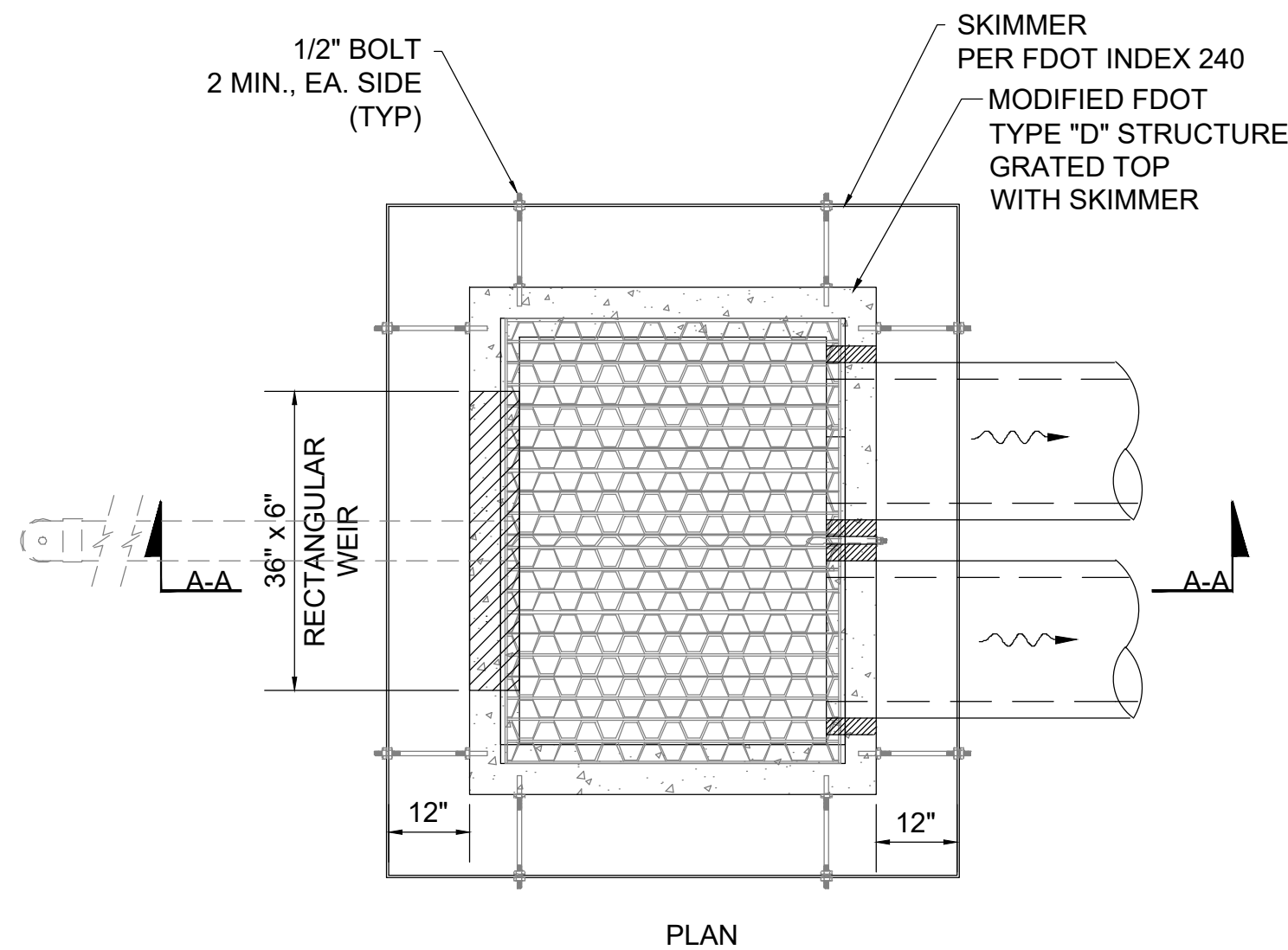
Sheet No.
C2.2



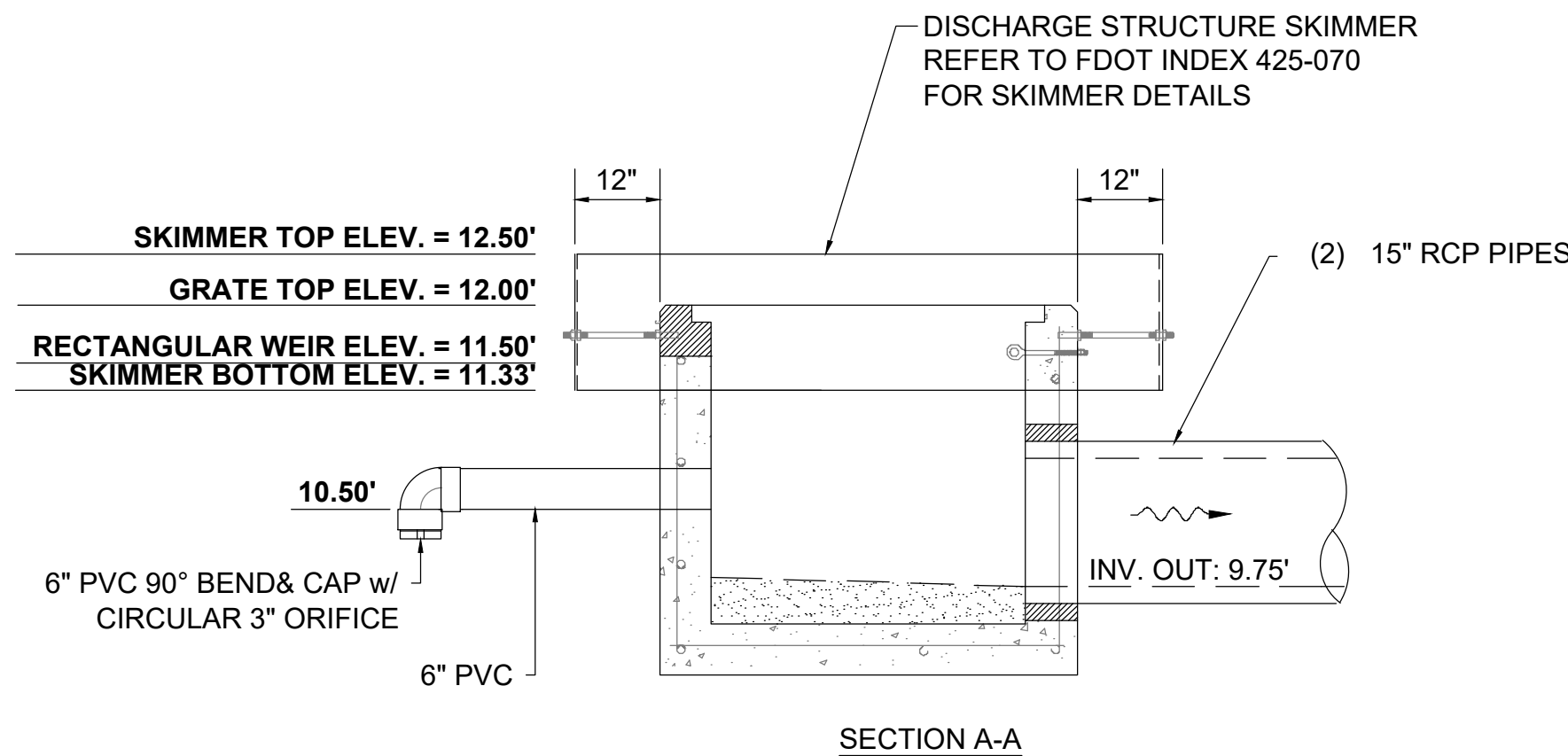
STORMWATER POND 2 TYPICAL SECTION
N.T.S.



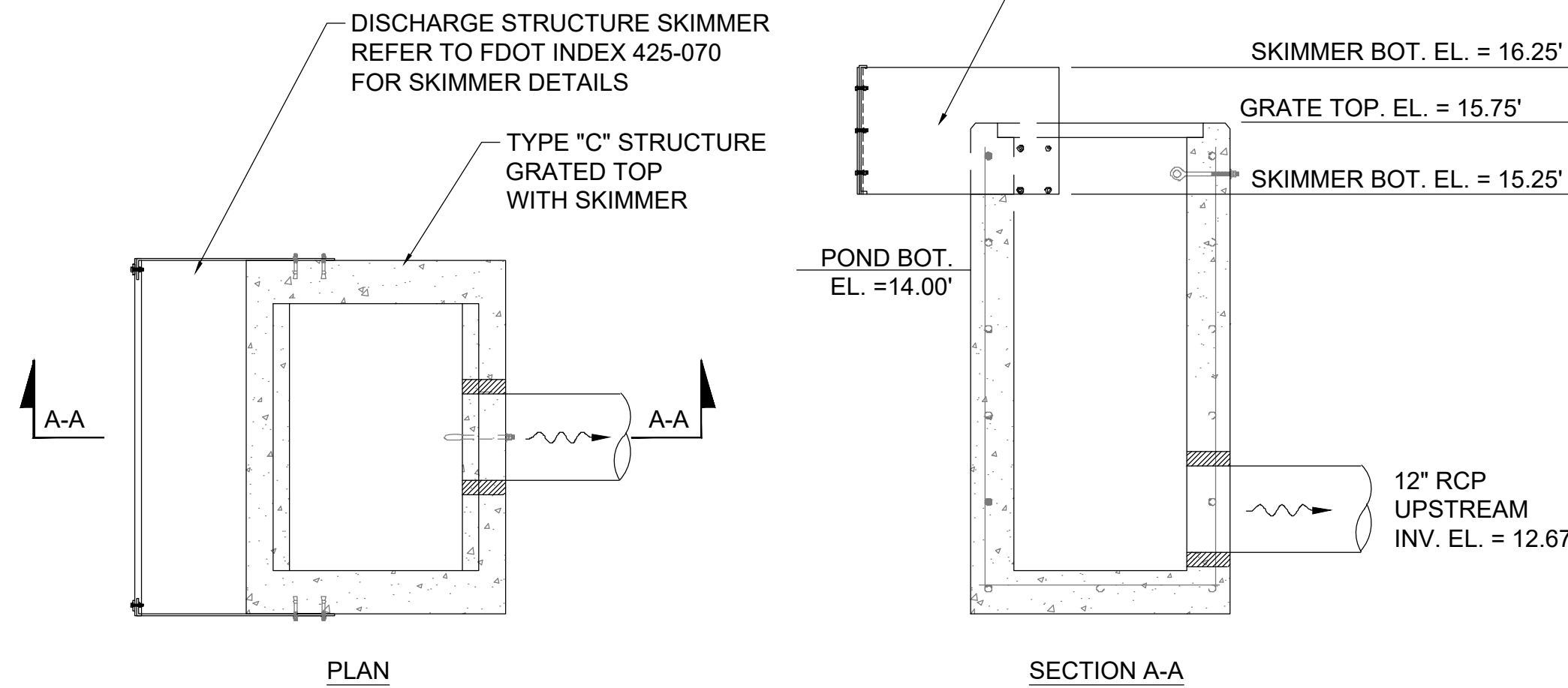
STORMWATER PONDS 3A & 3B TYPICAL SECTION
N.T.S.



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

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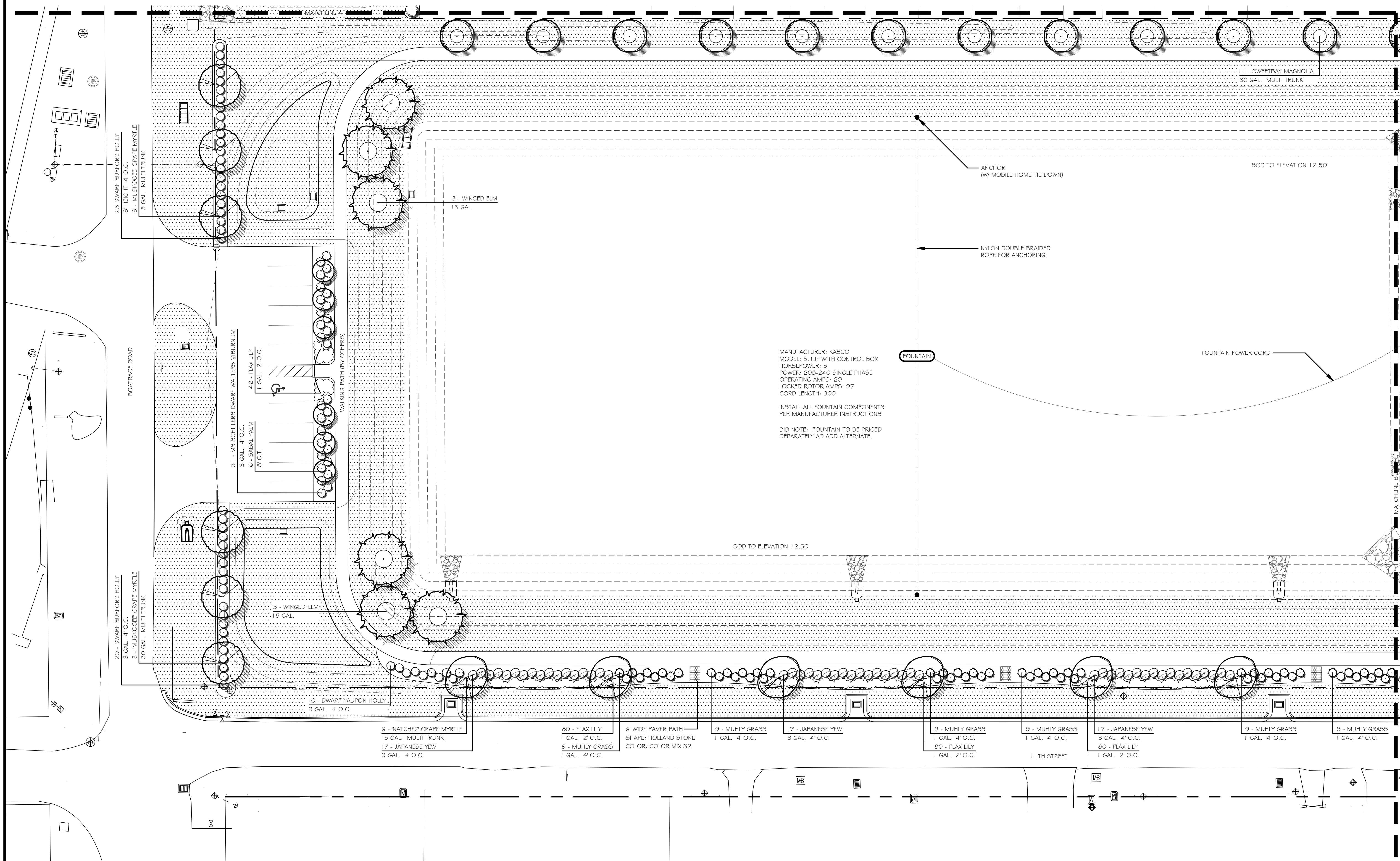
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Drawn: B. Silcox
Checked: E. Moore, P.E.
Job No.: 1620.011
Date: 2/2/2024 © 2024

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.

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

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.



LAWNSCAPES, INC.
LANDSCAPE DESIGN • CONSTRUCTION • MAINTENANCE • IRRIGATION
P.O. BOX 100 • WILSON, NJ 07090 • 908.234.4044
850-763-2975
www.lawnscapesofnj.com

**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
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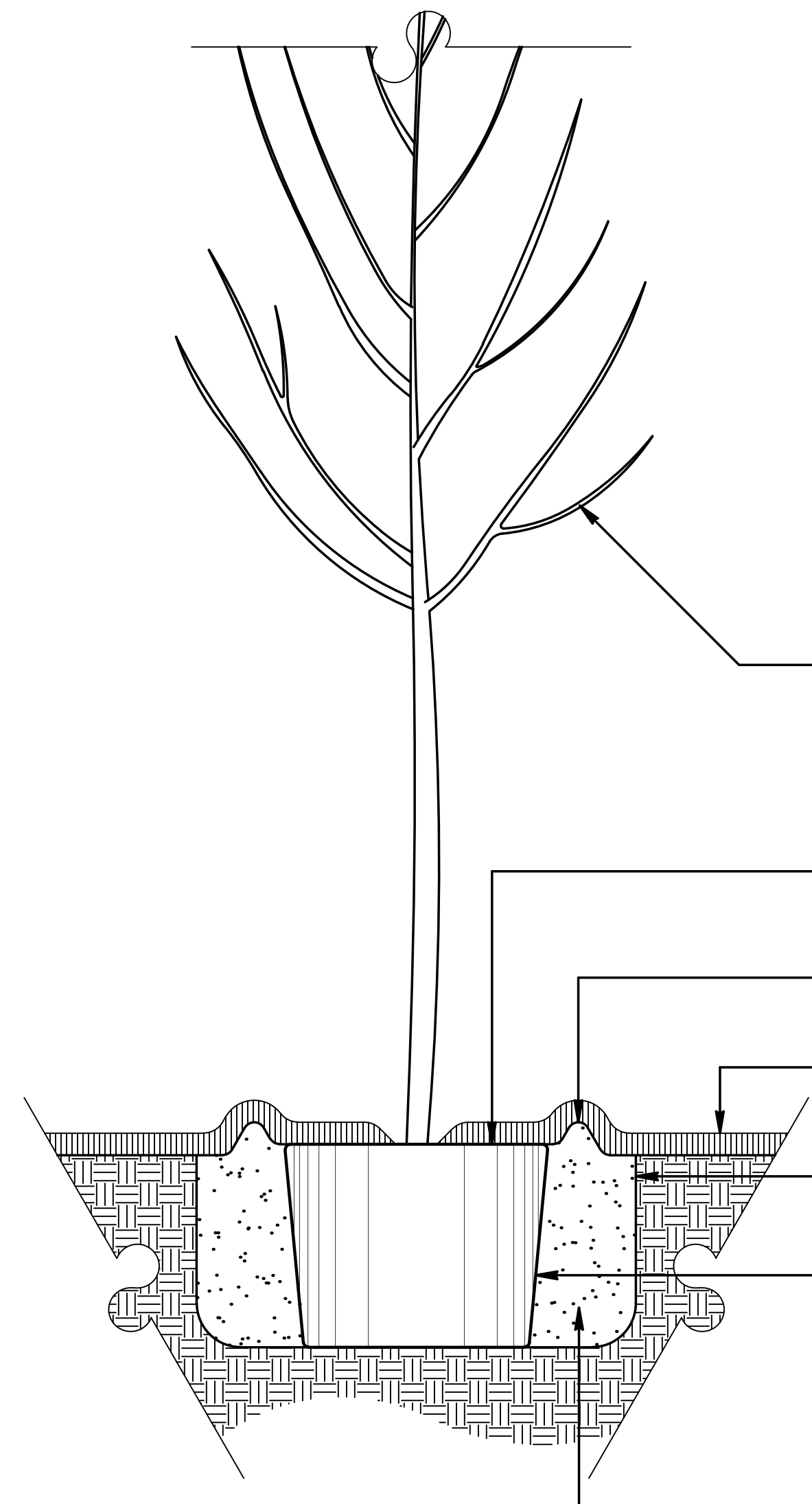
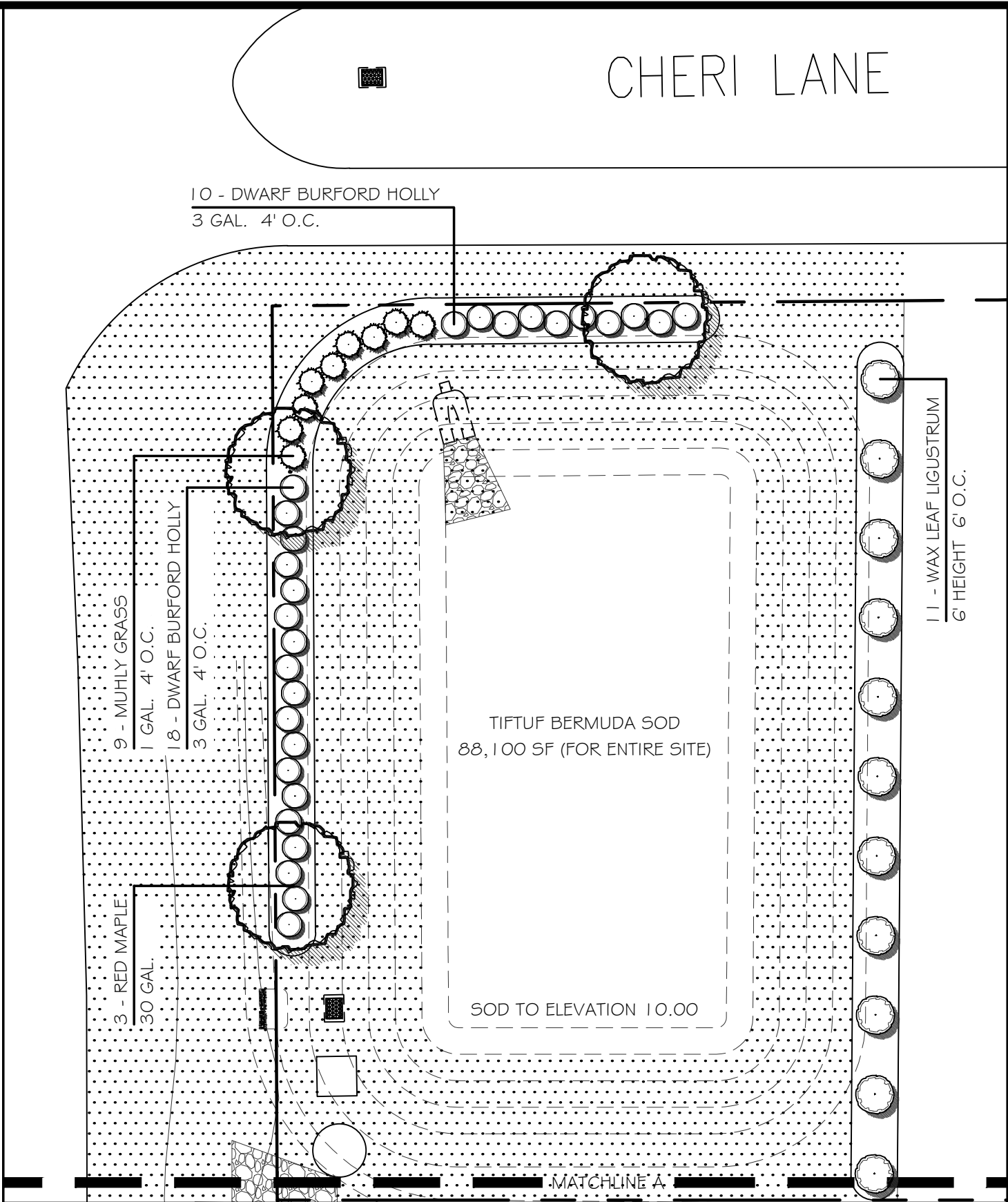
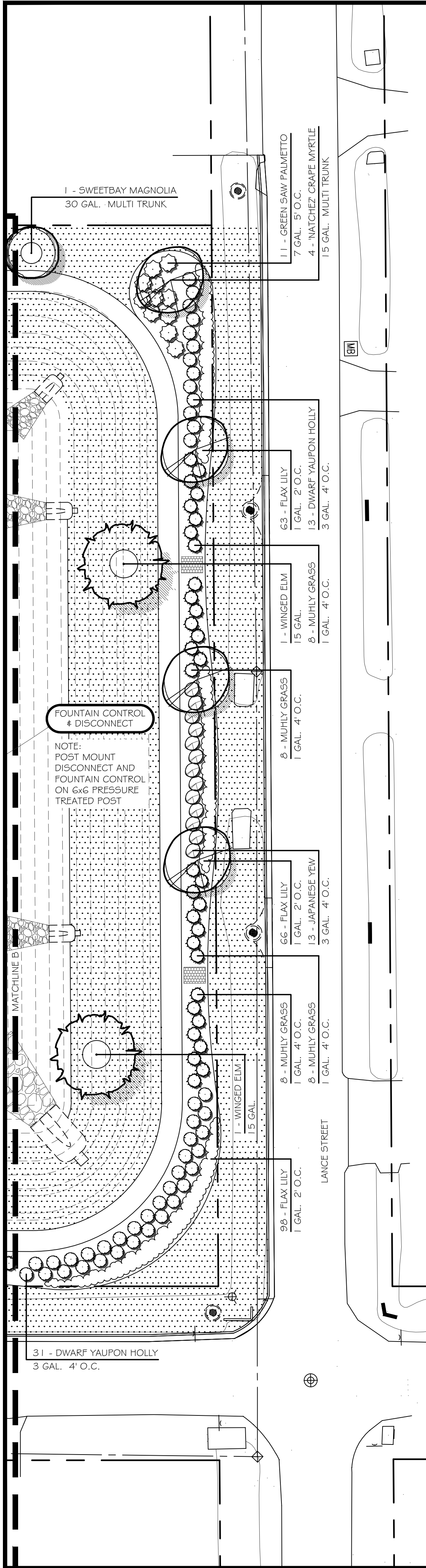
FLORIDA LANDSCAPE ARCHITECT #6666928
SEAN P. DALY



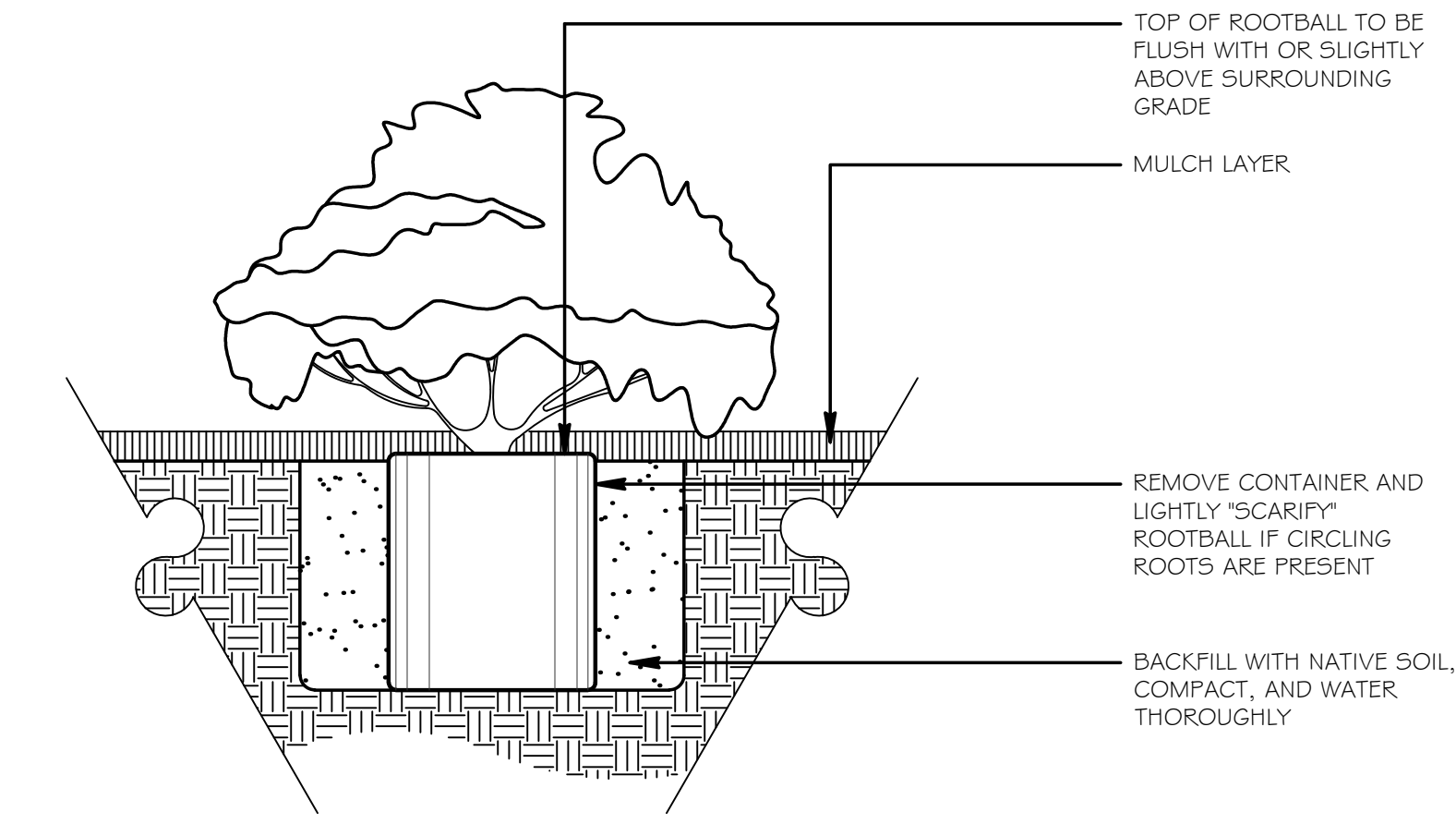
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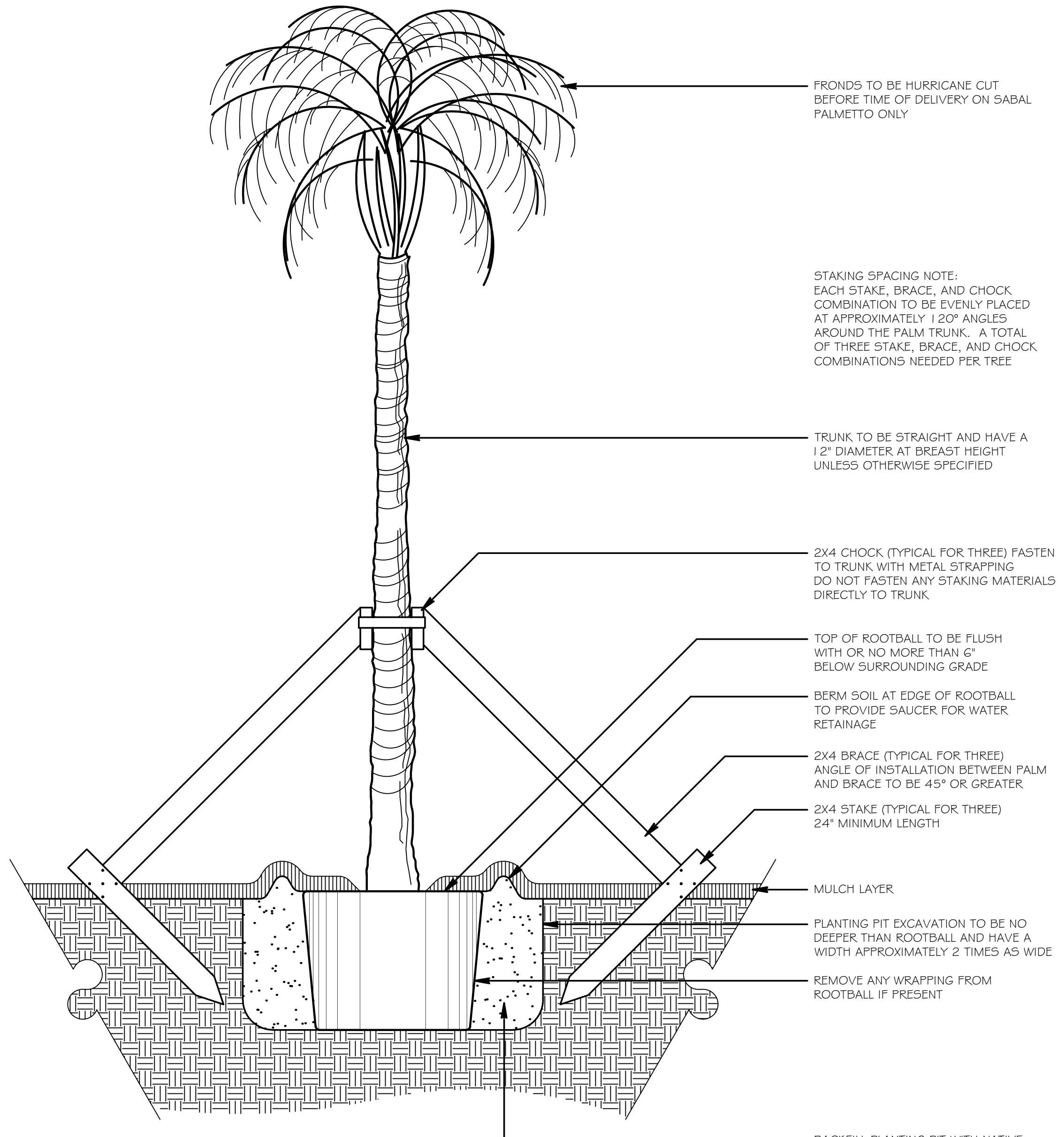
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2 TREE PLANTING DETAIL
L2 NOT TO SCALE



1 CONTAINER SHRUB PLANTING
L2 NOT TO SCALE



3 PALM PLANTING DETAIL
L2 NOT TO SCALE

SOURCE DATA FOR SITE INFORMATION PROVIDED BY:

LANDSCAPE PLAN

MELENDY
WALKING PARK

824 NORTH 11TH STREET
PARKER, FLORIDA

NO.	DATE	INITIALS	REVISION DESCRIPTION
01	01/29/24	-	CITY SUBMITTAL
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FLORIDA LANDSCAPE ARCHITECT #666923
SEAN P. DALY



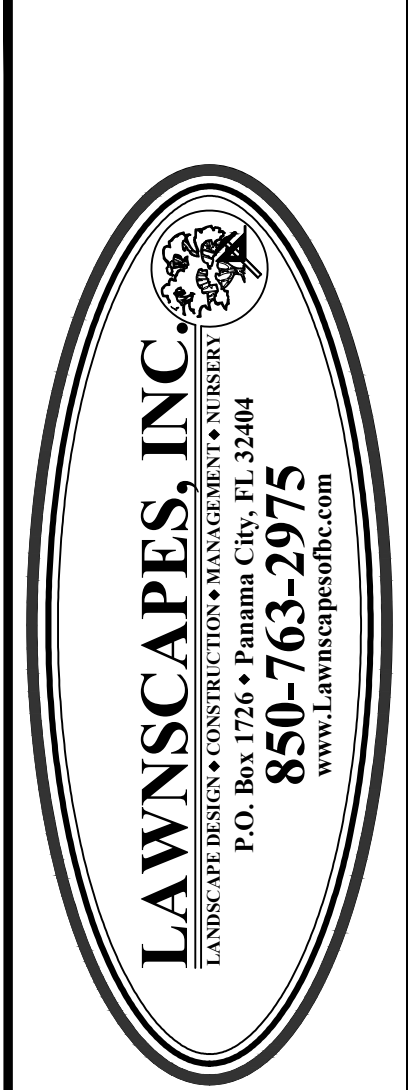
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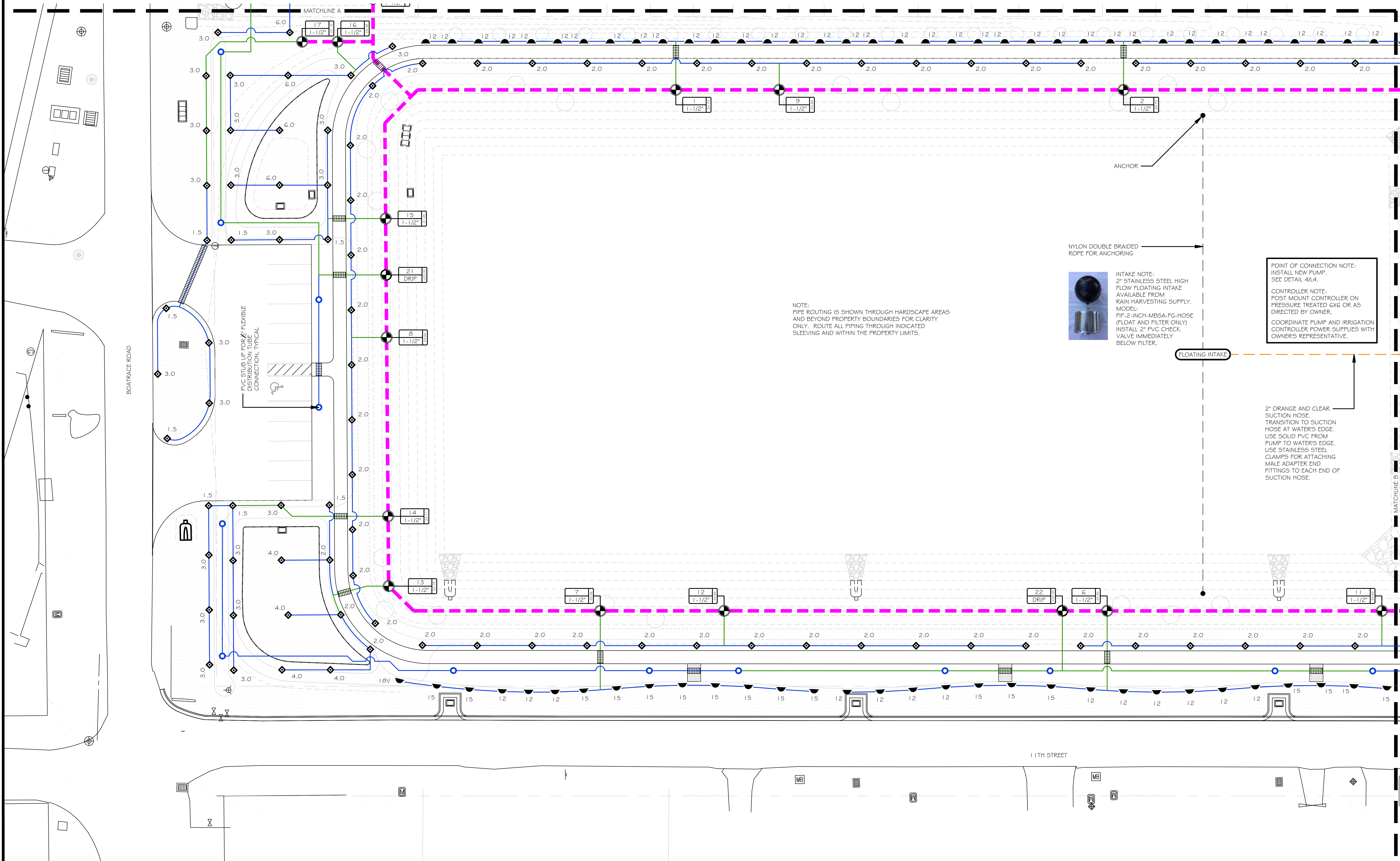
SCALE: 1" = 20'

SHEET NUMBER

L2

DESIGN BY:
CHECKED BY:
OF FOUR





IRRIGATION PLAN

MELENDY
WALKING PARK

824 NORTH 11TH STREET
PARKER, FLORIDA

NO.	DATE	INITIALS	REVISION DESCRIPTION
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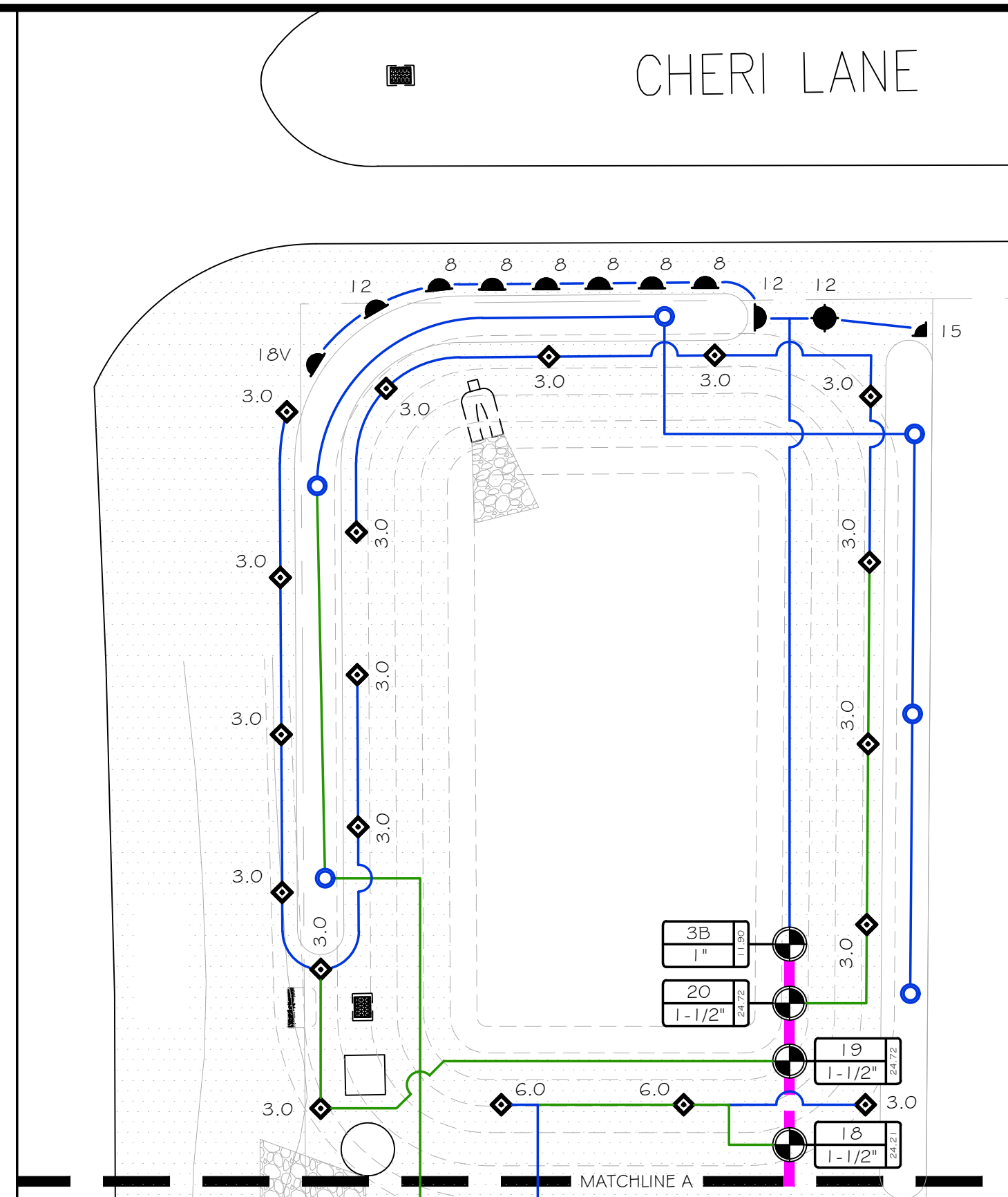
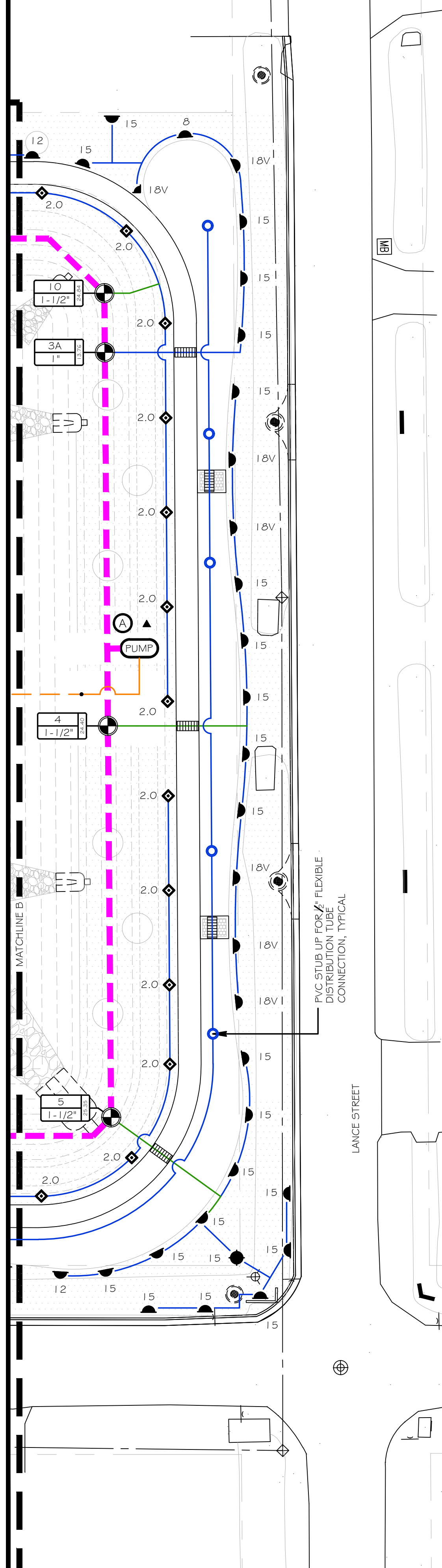


PROJECT NUMBER:

SCALE: 1" = 20'

SHEET NUMBER
L3
OF FOUR

DESIGN BY:
CHECKED BY:



1. ALL UTILITIES TO BE LOCATED BEFORE COMMENCEMENT OF CONSTRUCTION. APPLY NECESSARY PROTECTIVE MEASURES TO REDUCE POSSIBILITY OF DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION.
2. ALL LATERAL LINES TO BE LOCATED. INSTALL ONE (1) RED WIRE TO EACH CONTROL VALVE, ONE (1) COMMON WHITE TO LOOP CONTINUOUSLY THROUGHOUT THE WIRE PATH, AND ONE (1) EXTRA BLUE WIRE TO RUN PARALLEL WITH COMMON.
3. ALL LATERAL LINES TO MAINTAIN A 6" MINIMUM DEPTH.
4. ALL MAINLINES TO MAINTAIN A MINIMUM 12" DEPTH.
5. ALL SPRINKLER AND ROTORS TO BE MOUNTED FLUSH WITH FINAL GRADE.
6. ALL WATERING ARCS TO BE ADJUSTED TO PREVENT OVERSPRAY ONTO ADJACENT BUILDINGS OR HARDSCAPE.

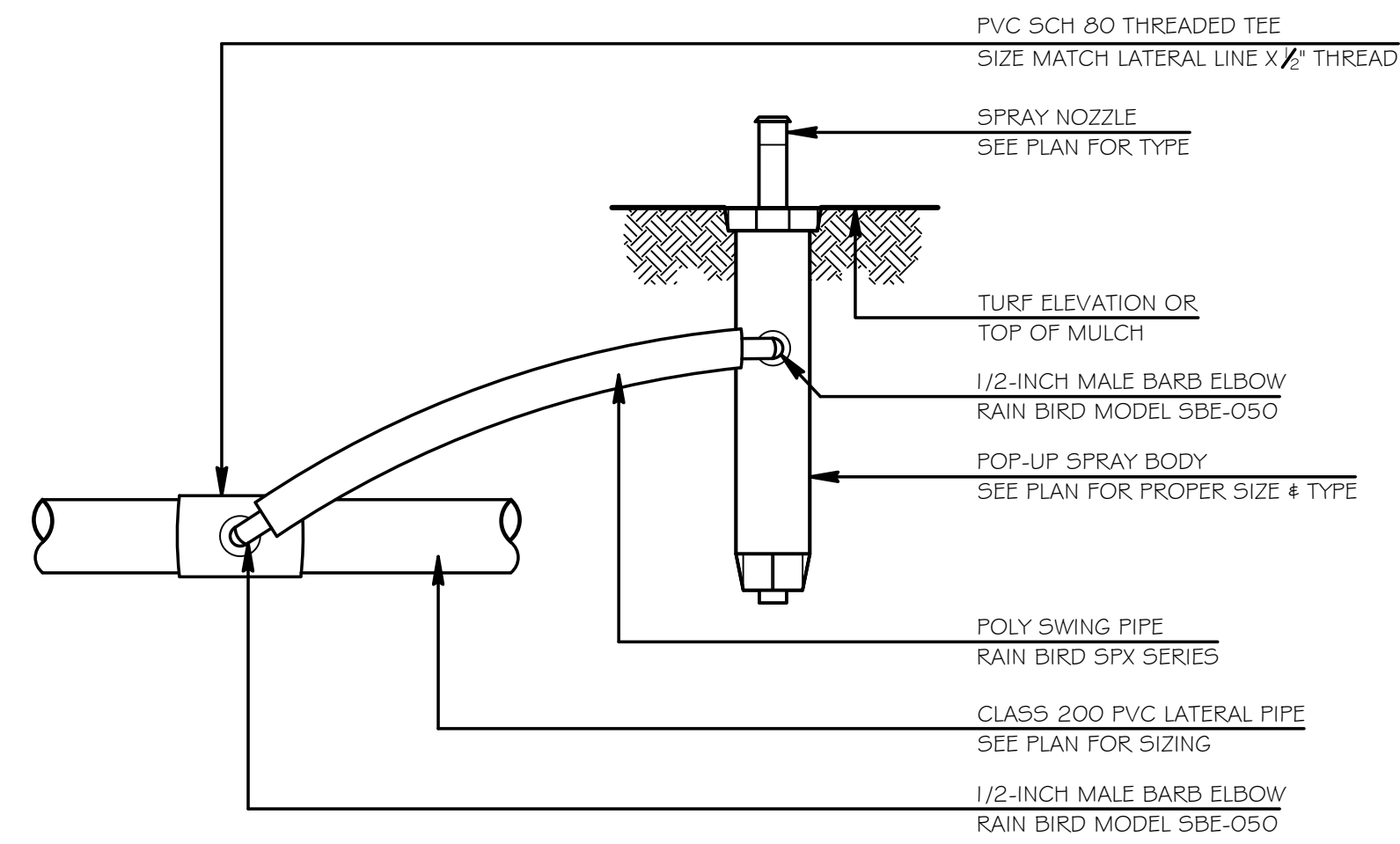
	2" - CLASS 200 MAINLINE
	1" - CLASS 200 LATERAL
	1 - 1/4" - CLASS 200 LATERAL
	4" SCH. 40 SLEEVE
	CONTROL VALVE IDENTIFICATION TAG

QUANTITY	SYMBOL	SIZE / DESC.	DESCRIPTION	MANUFACTURER
7		8	1804-8H	RAINBIRD
54		12	1804-12H	RAINBIRD
1		12	1804-12F	RAINBIRD
1		15	1804-15Q	RAINBIRD
39		15	1804-15H	RAINBIRD
1		15	1804-15F	RAINBIRD
9		18V	1804-18VAN	RAINBIRD
8		1.5	5004-PC W/ 1.5 NOZZLE	RAINBIRD
63		2.0	5004-PC W/ 2.0 NOZZLE	RAINBIRD
39		3.0	5004-PC W/ 3.0 NOZZLE	RAINBIRD
4		4.0	5004-PC W/ 4.0 NOZZLE	RAINBIRD
6		6.0	5004-PC W/ 6.0 NOZZLE	RAINBIRD
2		1"	1" CONTROL VALVE 100-DV-SS	RAINBIRD
19		1-1/2"	1-1/2" CONTROL VALVE 150-PGA	RAINBIRD
2		DRIP	1-1/2" DRIP VALVE XCZ-150-LCS	RAINBIRD
1		-	22 STATION CONTROLLER ESP-Me	RAINBIRD
1		-	RAIN SENSOR MINI-CLICK	HUNTER

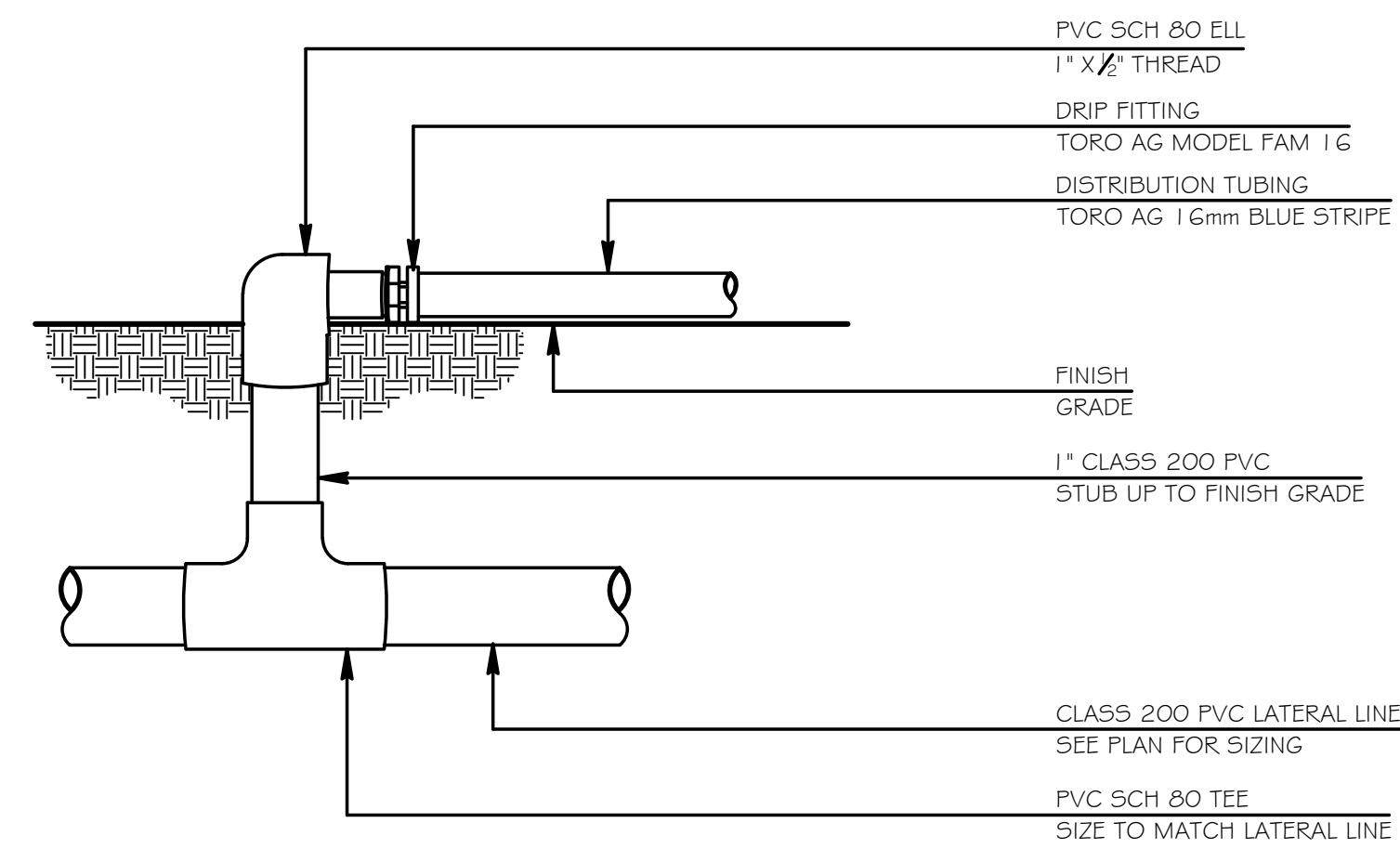
WATER SOURCE: PUMP
DESIGN VOLUME: 30 GPM
DESIGN PRESSURE: 65 PSI

REFERENCE THE FOLLOWING TABLE FOR
DRIP EMITTER INSTALLATION PER PLANT

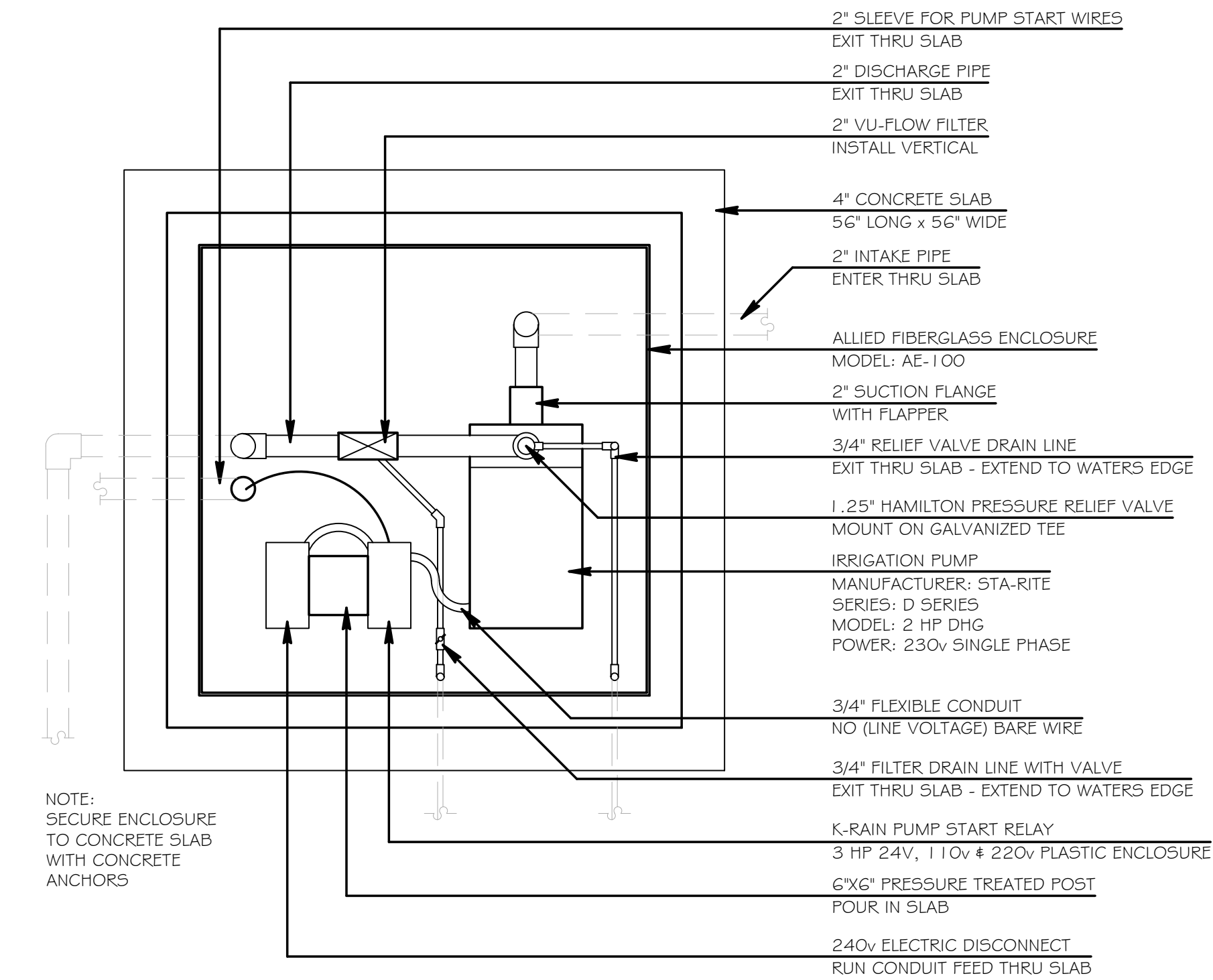
PLANT SIZE	EMITTER QTY/FLOW
1 GAL. OR LESS	1 @ 0.5 GPH
3 GAL.	1 @ 2.0 GPH
7 GAL.	1 @ 5.0 GPH
15 GAL.	2 @ 5.0 GPH
30 GAL.	3 @ 5.0 GPH
45 GAL.	3 @ 10.0 GPH
65 GAL.	3 @ 10.0 GPH
100 GAL.	4 @ 10.0 GPH
PALMS	3 @ 10.0 GPH



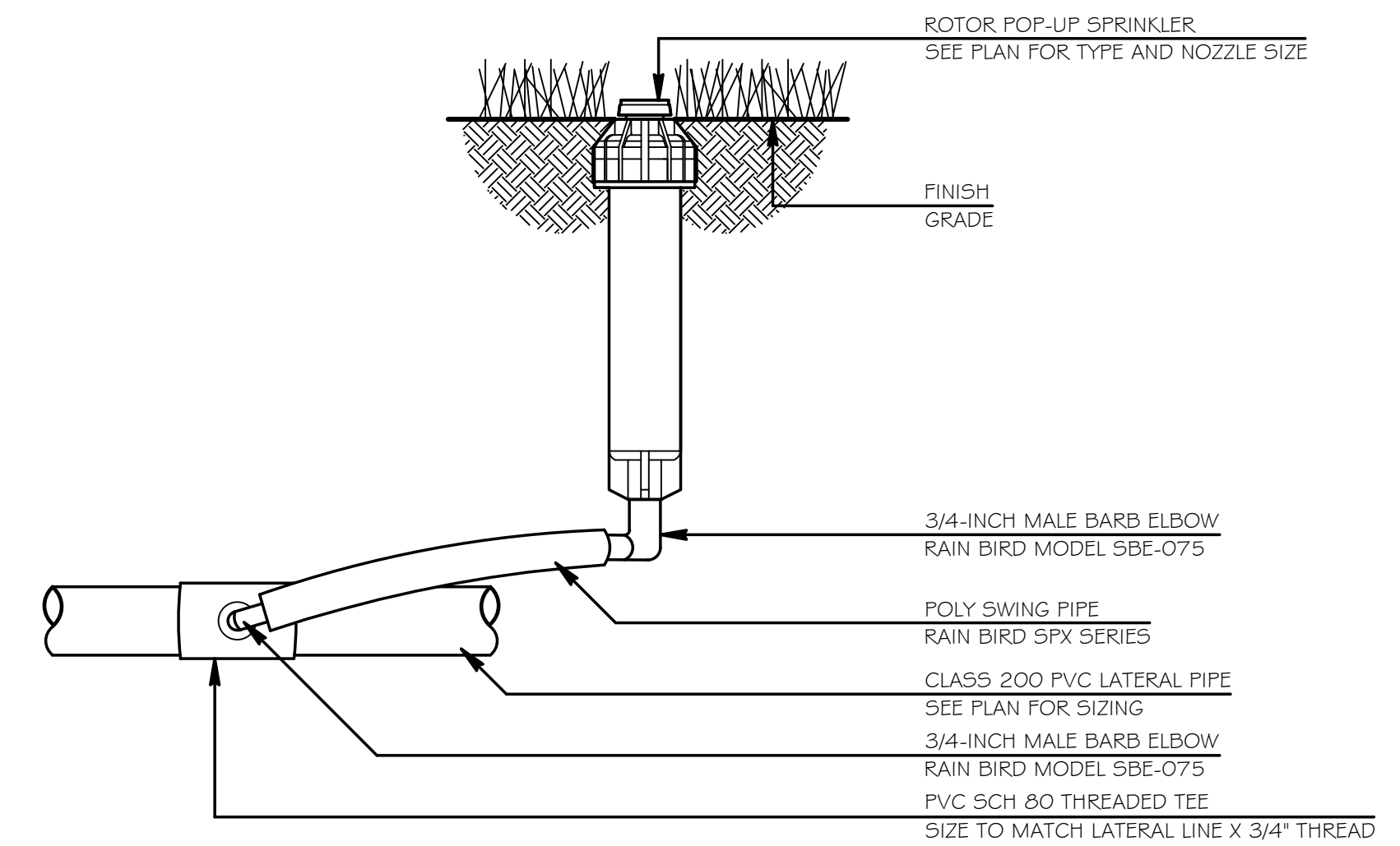
L4 NOT TO SCALE



NOT TO SCALE



14 NOT TO SCALE



(L4) NOT TO SCALE

IRRIGATION PLAN

MELENDY WALKING PARK

824 NORTH 11TH STREET
PARKER, FLORIDA

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FLORIDA LANDSCAPE ARCHITECT #6666928
SEAN P. DALY



PROJECT NUMBER:

SCALE:
 $1'' = 20'$

		SHEET NUMBER
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DESIGN BY:	L4
CHECKED BY:	

