

DEVELOPMENT ORDER PLANS

PINE ISLAND STORAGE

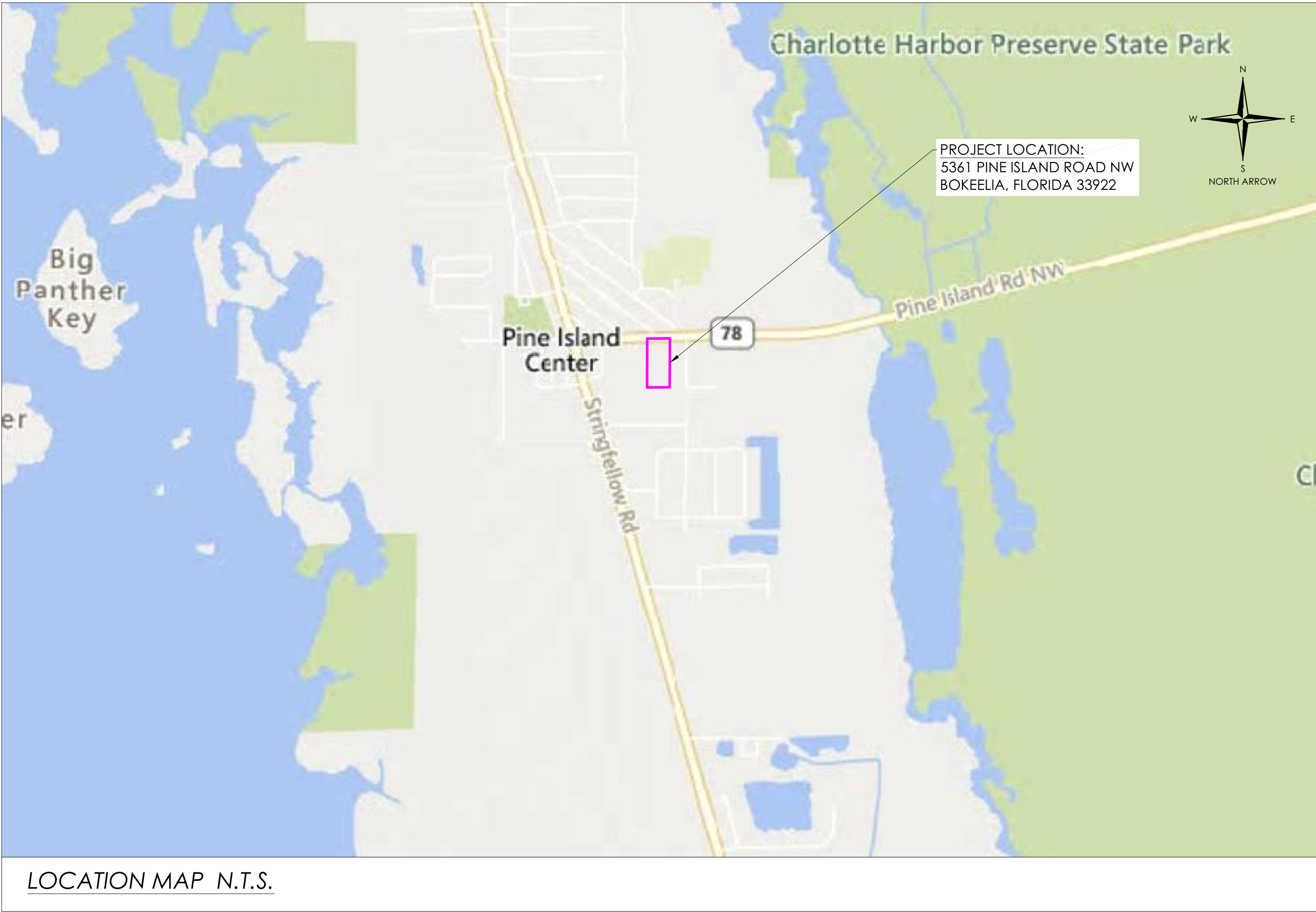
SECTION 28, TOWNSHIP 44 SOUTH, RANGE 22 EAST

INDEX OF SHEETS:	
SHEET NO.	SHEET TITLE
CIVIL PLANS:	
C1	COVER SHEET
C2	AERIAL
C3	EXISTING CONDITIONS
C4	SITE PLAN
C5	STRIPING PLANS & DRIVEWAY SEPARATION EXHIBIT
C6	GRADING AND DRAINAGE PLAN
C7	UTILITY PLAN
C8	FIRE PROTECTION PLAN
D1	CROSS SECTIONS
D3	PROJECT DETAILS & NOTES
SWP3	STORM WATER POLLUTION PREVENTION PLAN

LEE PLAN CONSISTENCY:
THE PROPOSED PROJECT IS CONSISTENT WITH THE LEE COUNTY LAND DEVELOPMENT CODE AND THE GOALS (SPECIFICALLY 6, 7, & 8), OBJECTIVES & POLICIES SET FORTH IN THE LEE PLAN, INCLUDING BUT NOT LIMITED TO STANDARDS AND PROVISIONS, SITE LOCATION CRITERIA, ACREAGE ALLOCATION TABLE, LAND USE CATEGORY & LAND USE MAP.

VERTICAL DATUM: NAVD
THIS DRAWING AND ALL ELEVATIONS SHOWN ARE BASED ON THE NATIONAL AMERICAN VERTICAL DATUM (NAVD 88) CONVERT TO NGVD 29 ADD: 1.2
CALL BEFORE YOU DIG:
SUNSHINE STATE ONE CALL CENTER PHONE: (800) 432-4770 (MINIMUM 48 HOURS NOTICE REQUIRED)

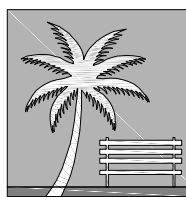
REVISIONS:	



SITE INFORMATION	
STRAP NOS.:	28-44-22-L3-00036.0000
ADDRESS:	5361 PINE ISLAND RD NW, BOKEELIA
ZONED:	CC, CG
LANDUSE:	OPEN STORAGE
EXISTING LAND USE:	UNDEVELOPED
SOILS:	28 - IMMOKALEE SAND 11 - MYAKKA FINE SAND

OWNER:
DEEP BLUE SEA LAND LOCK, LLC
11500 FLINT LANE
BOKEELIA, FL 33922

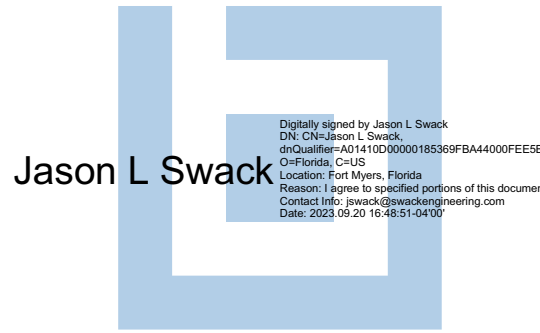
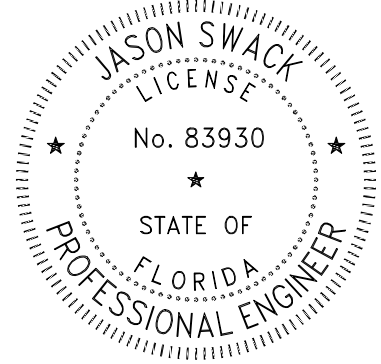
PROFESSIONAL CONSULTANTS		
NAME	ADDRESS	TELEPHONE
JOSEPH H. KELLEY, RLA, LLC	3805 HANOVER ST. FORT MYERS, FL 33901	239-940-3065
QUATTRONE & ASSOC., INC.	4301 VERONICA SHOEMAKER BLVD, FORT MYERS, FL 33916	239-936-5222
AFFORDABLE SURVEYS	3366 STRINGFELLOW RD, SAINT JAMES CITY, FL 33956	239-283-1518
PENNONI ASSOC., INC	1212 COUNTRY CLUB BLVD, #202 CAPE CORAL, FL 33990	239-360-3075

 **SWACK**
ENGINEERING

SWACK ENGINEERING, LLC
PO BOX 93, FORT MYERS, FL 33902
PH#: 205.482.6575

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY
JASON SWACK, PE, ON 09/20/2023.

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



JASON LEE SWACK, P.E.
SWACK ENGINEERING, LLC
PO BOX 93
FORT MYERS, FL 33902
FLORIDA P.E. LICENSE NO. 83930



FLUCCS LEGEND			
ID	DESCRIPTION	STATUS	ACREAGE
411 E3	PINE FLATWOODS (EXOTICS S1 -75%)	N	0.20
450	MIXED EXOTIC UPLAND FOREST	N	2.45
619	EXOTIC WETLAND HARDWOODS	W	0.07
740	DISTURBED LAND	N	1.98
740H	HYDRIC DISTURBED LAND	W	0.10
TOTAL PROJECT AREA			4.78
N = NON-WETLAND W = WETLAND			

LEGEND

PROJECT BOUNDARY LINE

EXISTING R.O.W. LINE

FLUCCS BOUNDARY LINE

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N
S
E
W

NORTH ARROW

0 1 2 3 4 5 6
GRAPHIC SCALE 1"=30 FT.

AERIAL AND FLUCCS PLAN

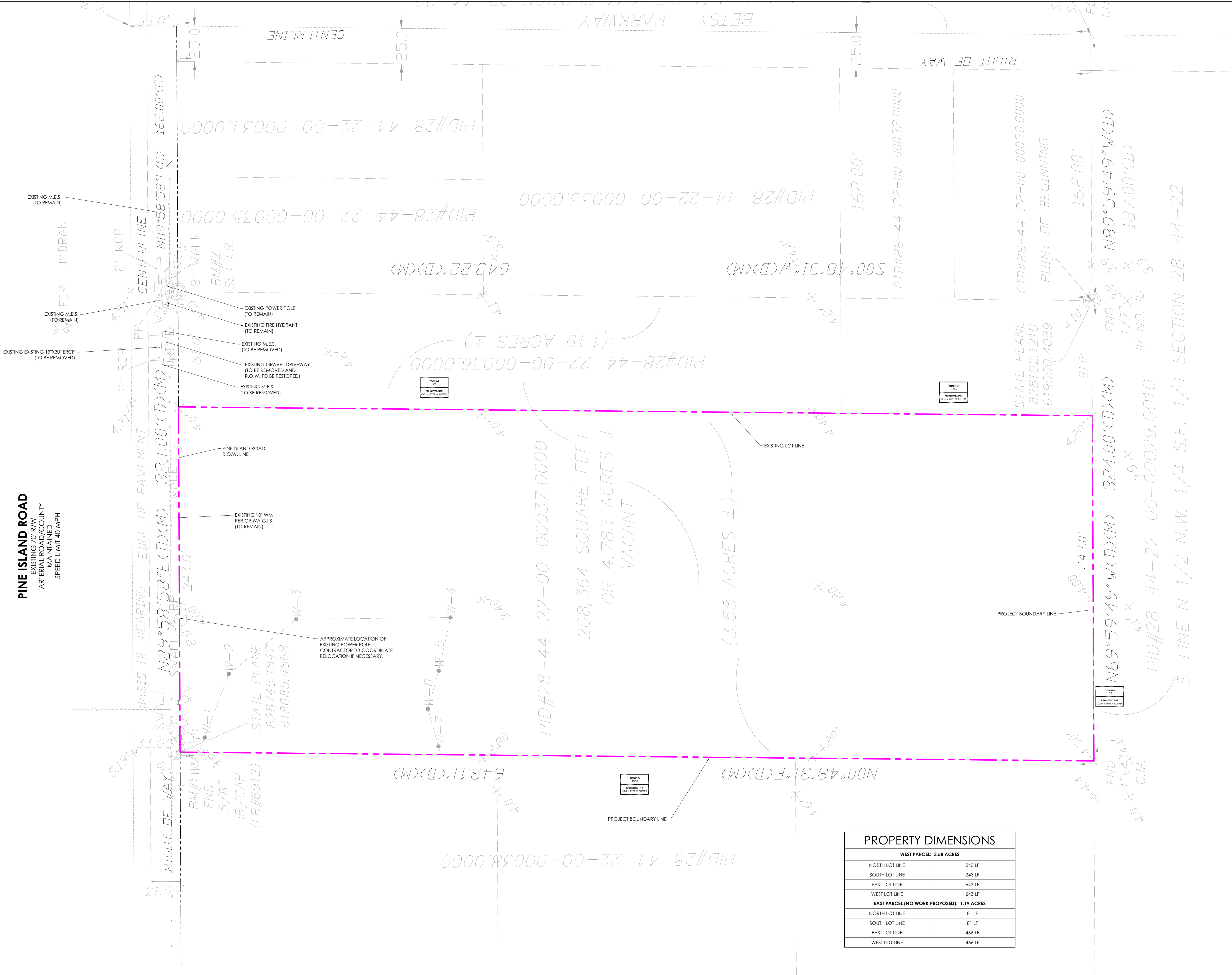
DEEP BLUE SEA AND LOCK, LLC.
11500 FLINT LANE BOKEELIA, FL 33922

REVISIONS:	

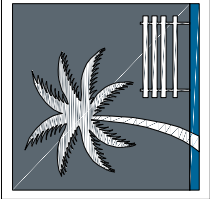
013-2022 SITE PLAN.DWG
PROJECT #: 013-2022 DRAWN : JLS
DATE: 09/20/2023 DESIGNED : JLS

SHEET
C2

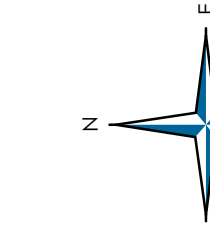
PINE ISLAND ROAD
EXISTING 70' R/W
ARTERIAL ROAD/COUNTY
MAINTAINED
SPEED LIMIT 40 MPH



PROPERTY DIMENSIONS	
WEST PARCEL: 3.58 ACRES	
NORTH LOT LINE	243 LF
SOUTH LOT LINE	243 LF
EAST LOT LINE	643 LF
WEST LOT LINE	643 LF
EAST PARCEL (NO WORK PROPOSED): 1.19 ACRES	
NORTH LOT LINE	81 LF
SOUTH LOT LINE	81 LF
EAST LOT LINE	466 LF
WEST LOT LINE	466 LF



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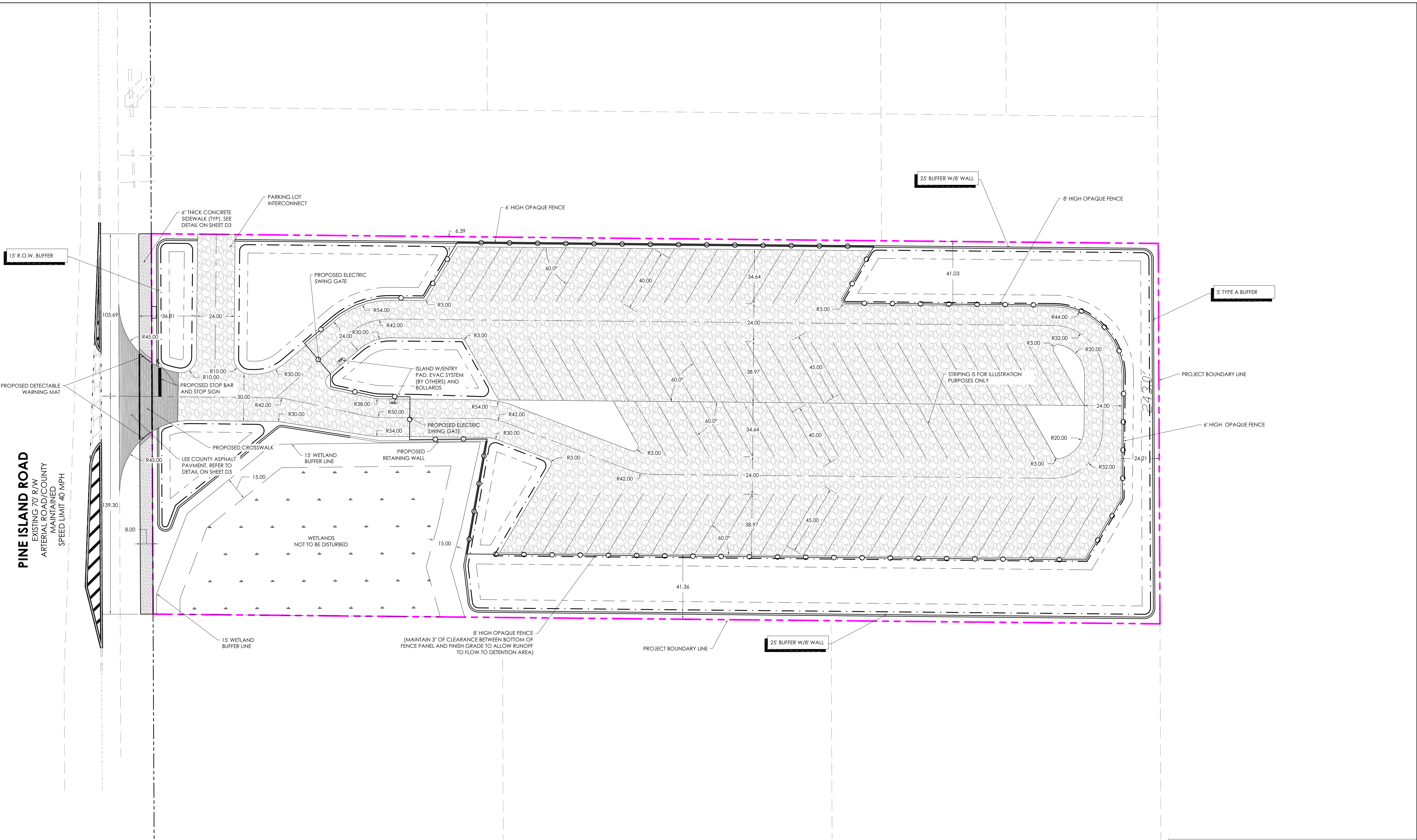
NORTH ARROW

GRAPHIC SCALE 1"=30 FT.

EXISTING CONDITIONS & DEMO PLAN

DEEP BLUE SEA AND LOCK, LLC.
11500 FLINT LANE BOKEELIA, FL 33922

REVISIONS:					



SITE INFORMATION	
STRAP NOS.:	28-44-22-L3-00036.0000
ADDRESS:	5361 PINE ISLAND RD NW, BOKEELIA
ZONED:	CC, CG
LANDUSE:	OPEN STORAGE
EXISTING LAND USE:	UNDEVELOPED
SOILS:	28 - IMMOKALEE SAND 11 - MYAKKA FINE SAND

PROPOSED SITE CONDITIONS					
TOTAL SITE AREA	208,216.80	SF	4.78	AC	
EASTERN CT ZONED PARCEL*	37,782.45	SF	0.87	AC	
EASTERN TFC-2 ZONED PARCEL*	14,317.66	SF	0.32	AC	
WETLAND AREA*	13,644.00	SF	0.31	AC	
WETLAND BUFFER AREA*	5,355.00	SF	0.12	AC	
TOTAL BASIN AREA	137,117.69	SF	3.15	AC	100%
BUILDING AREA	-	SF	-	AC	0%
PAVEMENT AREA	80,551.00	SF	1.85	AC	59%
MISC. CONCRETE AREA	-	SF	-	AC	0%
MISC. OPEN GREEN SPACE	56,566.69	SF	1.30	AC	41%
IMPERVIOUS AREA	80,551.00	SF	1.85	AC	59%
PERVIOUS AREA	56,566.69	SF	1.30	AC	41%
* THESE AREAS WILL NOT BE IMPACTED OR DEVELOPED WITH THIS DEVELOPMENT ORDER AND ARE OUTSIDE OF THE CONTROLLED BASIN					

SITE DEVELOPMENT TABLE				
MUNICIPALITY:	LEE COUNTY			
DEVELOPMENT ZONING:	CC & CG			
SITE USAGE:	OPEN STORAGE ON CC, & CG PORTION			
	REQUIRED	PROPOSED		
MIN. STREET SETBACK:	50	FT	N/A	FT
MIN. SIDE YARD SETBACK:	40	FT	N/A	FT
MIN. REAR SETBACK:	40	FT	N/A	FT
MAX. BUILDING HEIGHT:	70	FT	N/A	FT
MIN. DISTANCE BETWEEN BUILDINGS:	N/A	FT	N/A	FT
MIN. FLOOR AREA OF BUILDING:	10,000	SQ FT	N/A	SQ FT
MIN. LOT AREA:	N/A	SQ FT	N/A	SQ FT
MIN. LOT WIDTH:	100	FT	243	FT
MAX. BUILDING COVERAGE:	45	%	N/A	%

LEGEND	
	PROPOSED STANDARD DUTY ASPHALT PAVEMENT
	PROPOSED CRUSHED STONE SURFACE
	PROPOSED 6' SIDEWALK
	PROPOSED DETECTABLE WARNING MAT
	PROPOSED PERIMETER BERM
	PROPOSED FENCE
	PROJECT BOUNDARY
	RIGHT OF WAY
	PROPOSED TOP OF BANK
	PROPOSED TOE OF SLOPE
	LOT LINE
	PINE ISLAND ROAD CENTER LINE
	EXISTING EDGE OF PAVEMENT

REVISIONS:

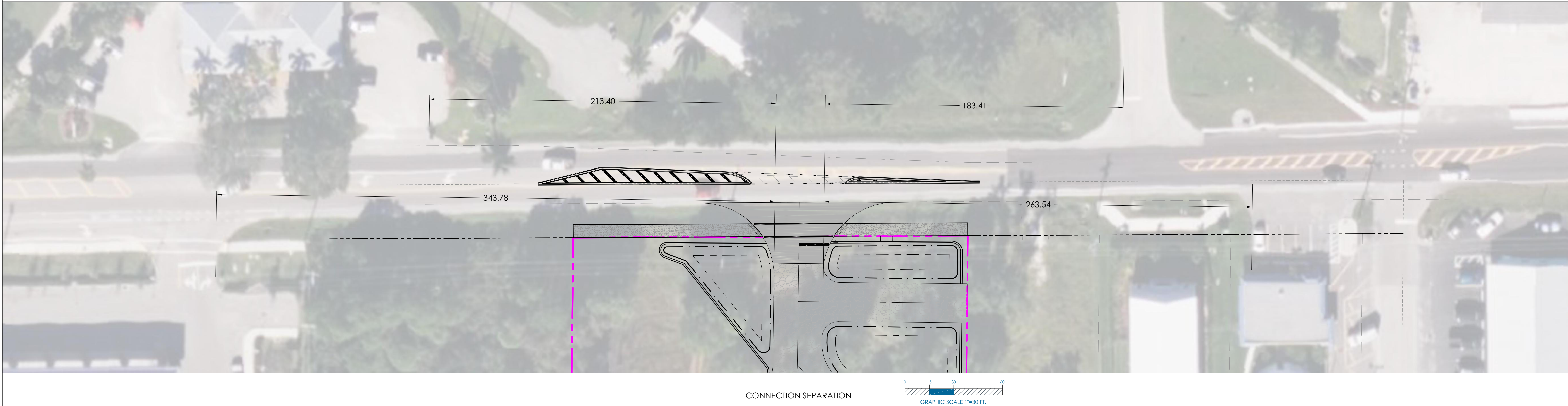
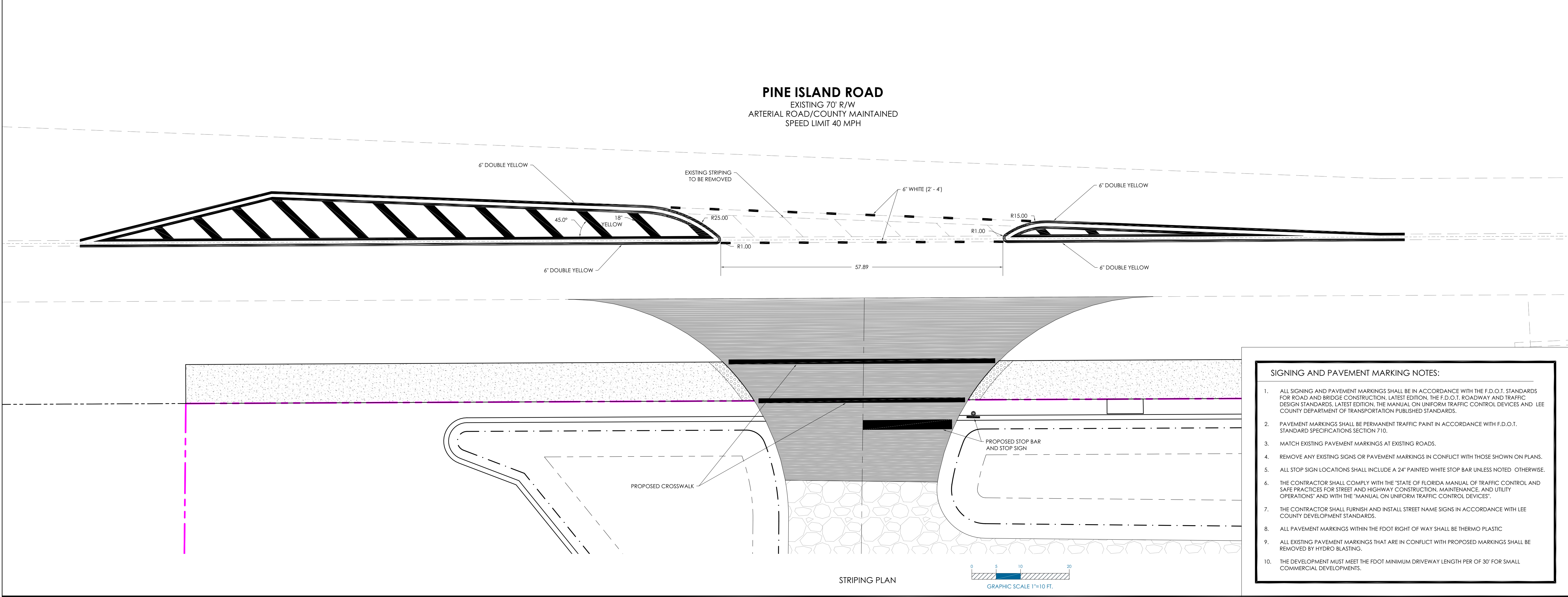
013-2022 SITE PLAN.DWG
PROJECT #: 013-2022 DRAWN: JLS
DATE: 09/20/2023 DESIGNED: JLS
SHEET C4

SWACK ENGINEERING, LLC
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PH#: 202.482.6575

GRAPHIC SCALE 1"=30 FT.

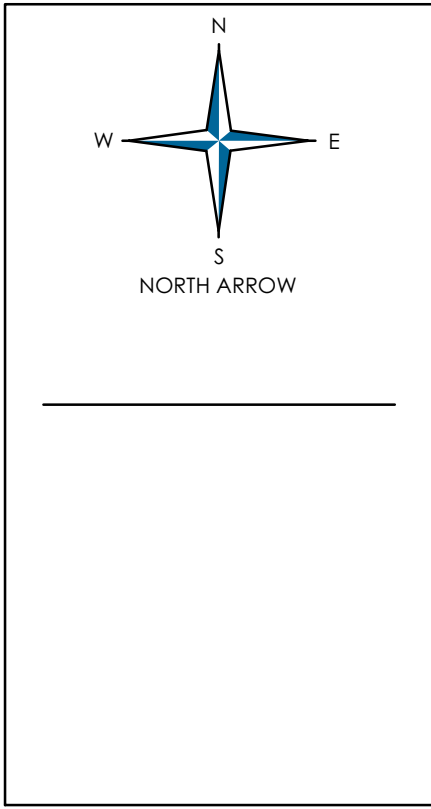
SITE PLAN

DEEP BLUE SEA AND LOCK, LLC.
11500 FLINT LANE BOKEELIA, FL 33922



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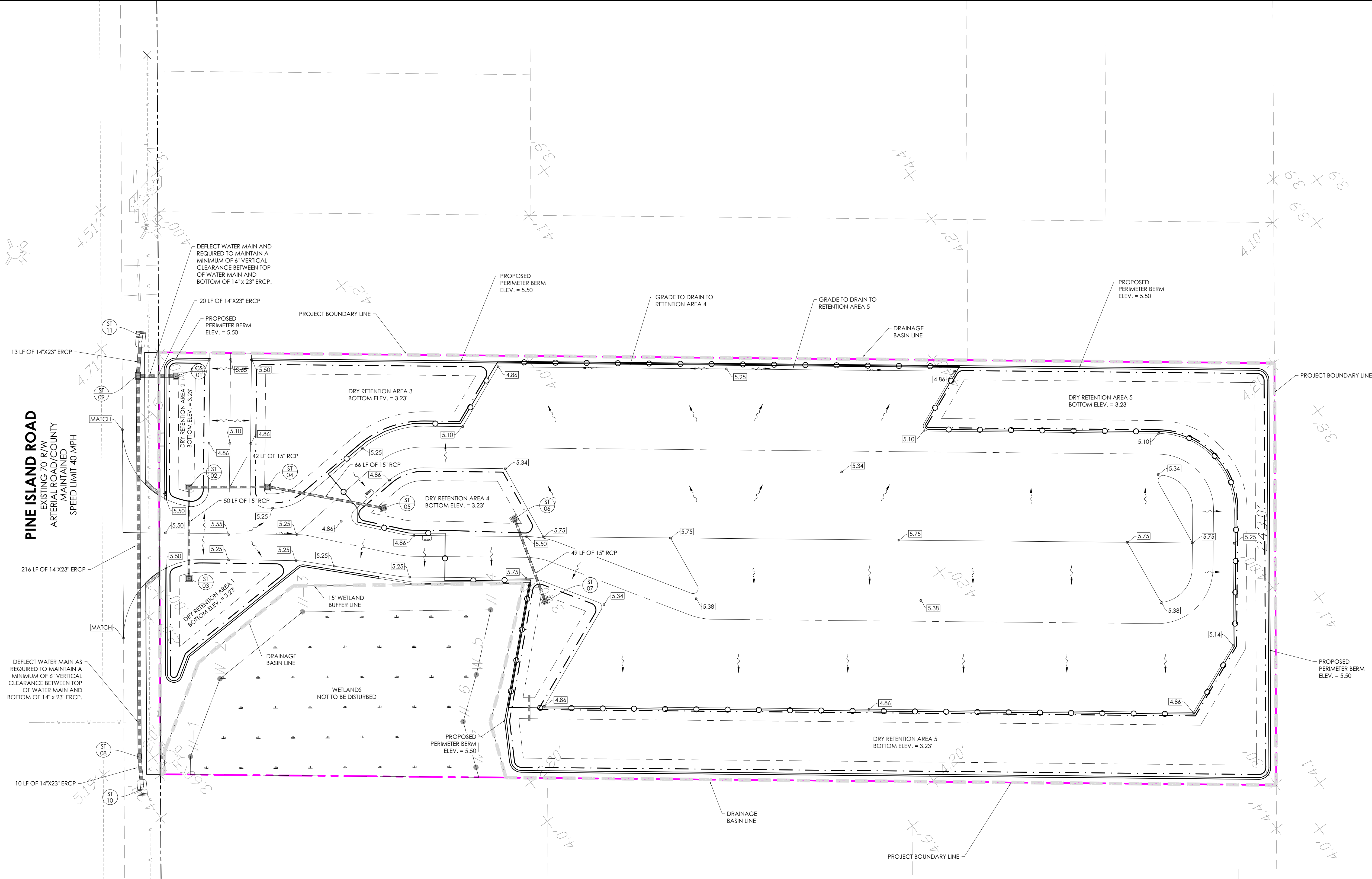


STRIPING PLAN & DRIVEWAY SEPARATION EXHIBIT

DEEP BLUE SEA AND LOCK, LLC.
11500 FLINT LANE BOKEELIA, FL 33922

REVISIONS:

013-2022 SITE PLAN.DWG
PROJECT #: 013-2022 DRAWN: JLS
DATE: 09/20/2023 DESIGNED: JLS
SHEET
C5



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TOTAL SITE AREA	208,216.80	SF	4.78	AC
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DESIGN SUMMARY	
PINE ISLAND OPEN STORAGE	
WATER QUALITY	
Total Site Area (ac)	4.78
Drainage Basin area (ac)	3.15
Control Elevation (ft-NAVD)	2.23
Control Structure	CS #1 Grate = 5.50 ft-NAVD W/ Bleeder = 3" Circular @ 3.73 ft-NAVD
5 Year 1 Day Storm	
Rainfall (in)	5.50
Peak Stage (ft-NAVD)	4.86
Min. Parking Crown Elev. (ft-NAVD)	4.86
25 Year 3 Day Storm	
Rainfall (in)	11.00
Allowable Discharge* (cfs)	0.36
Design Discharge (cfs)	0.28
Peak Stage (ft-NAVD)	5.50
Min. Berm Elev. (ft-NAVD)	5.50
100 Year 3 Day Storm	
Rainfall (in)	14.00
FEMA Elevation (ft-NAVD)	8.00
Peak Stage (ft-NAVD)	5.83
Min. Finished Floor Elev. (ft-NAVD)	N/A

DRAINAGE STRUCTURE TABLE			
STR NO.	TYPE	GRATE ELEV.	INV. ELEV.
01	MODIFIED "C-INLET" CONTROL STRUCTURE (SEE DETAIL ON SHEET D-2)	5.50	2.00
02	C-INLET	3.23	1.15
03	C-INLET	3.23	1.15
04	C-INLET	3.23	1.15
05	C-INLET	3.23	1.15
06	C-INLET	3.23	1.15
07	C-INLET	3.23	1.15
08	TYPE J BOTTOM WITH C-INLET FRAME	3.64	1.10
09	TYPE J BOTTOM WITH C-INLET FRAME	3.64	1.10
10	MITERED END SECTION	N/A	1.80
11	MITERED END SECTION	N/A	1.80

LEGEND	
	PROPOSED STANDARD DUTY ASPHALT PAVEMENT
	PROPOSED CRUSHED STONE SURFACE
	PROPOSED 8' SIDEWALK
	PROPOSED DRAINAGE PIPE
	PROPOSED MITERED END SECTION (M.E.S.)
	PROPOSED CATCH BASIN
	PROPOSED DRAINAGE FLOW ARROW
	PROPOSED DRAINAGE STRUCTURE NUMBER
	PROPOSED ELEVATION
	EXISTING ELEVATION
	PROPOSED PERIMETER BERM
	PROPOSED FENCE
	PROJECT BOUNDARY
	RIGHT OF WAY
	PROPOSED TOP OF BANK
	PROPOSED TOE OF SLOPE
	LIMITS OF CONTROLLED BASIN

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PO BOX 93 FORT MYERS, FL 33902
PH#: 205.482.6575

GRAPHIC SCALE 1"=30 FT.

DRAINAGE AND GRADING PLAN

DEEP BLUE SEA AND LOCK, LLC.
11500 FLINT LANE BOKEELIA, FL 33922

REVISIONS:	

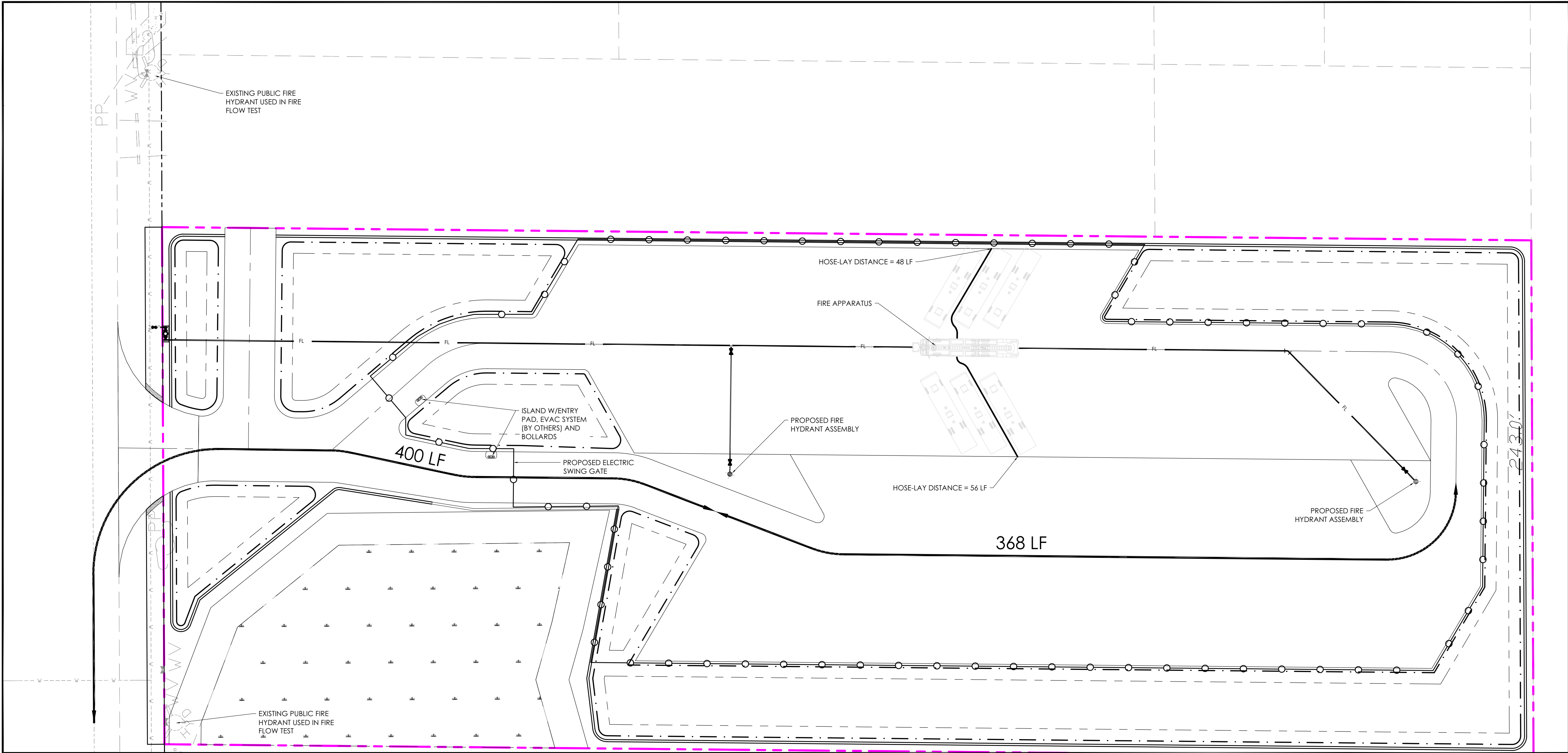
013-2022 SITE PLAN.DWG

PROJECT #: 013-2022 DRAWN : JLS

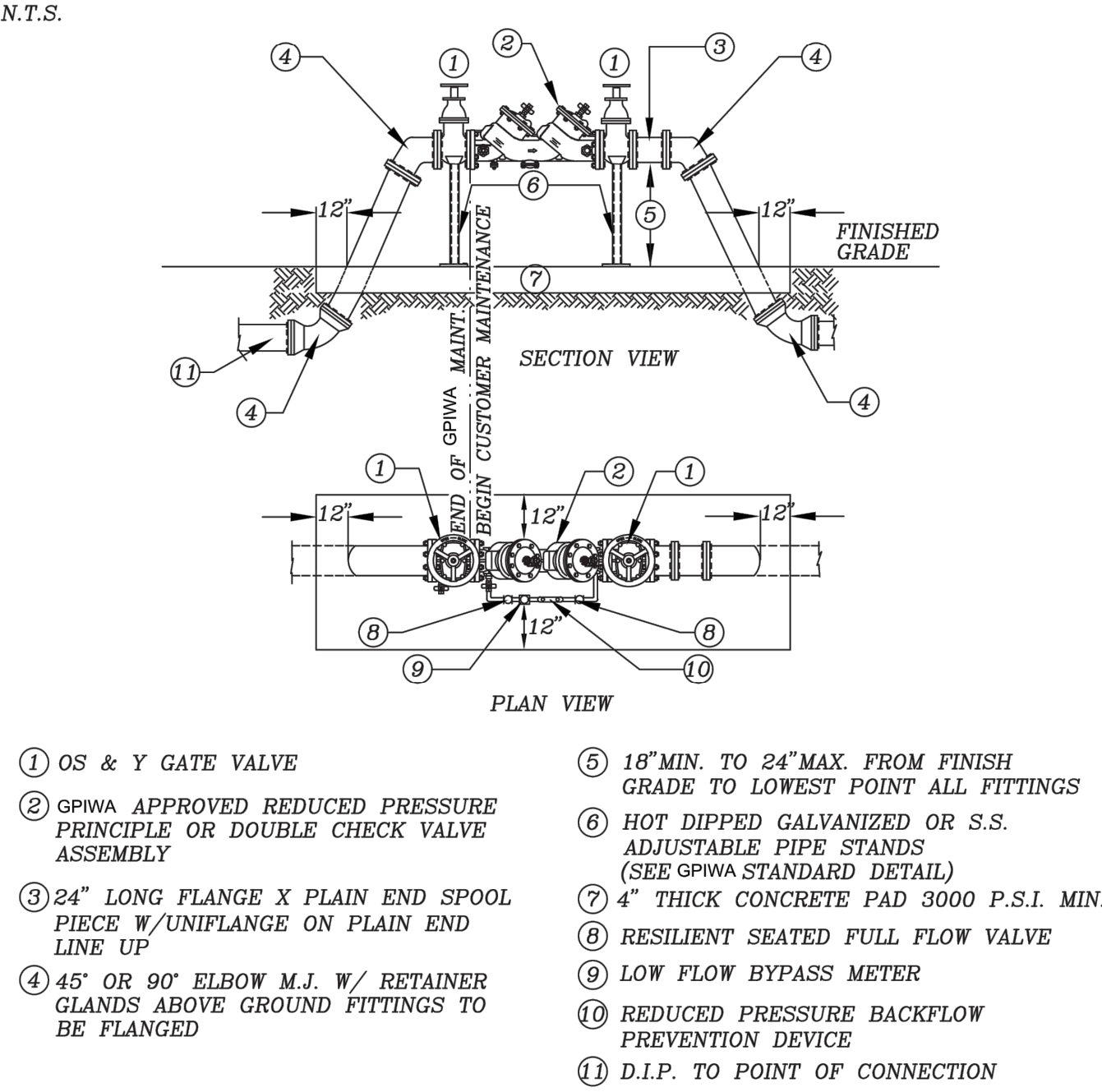
DATE: 09/20/2023 DESIGNED : JLS

C6

SHEET

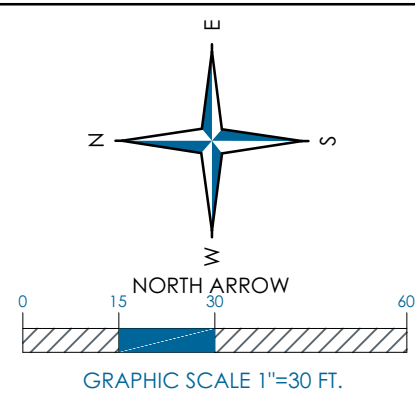


2-1/2" OR LARGER CROSS CONNECTION CONTROL ASSEMBLY



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PO BOX 93 FORT MYERS, FL 33902
PH#: 205.482.6575



Matlacha Pine Island Fire Control District
Fire Hydrant Flow Test Sheet

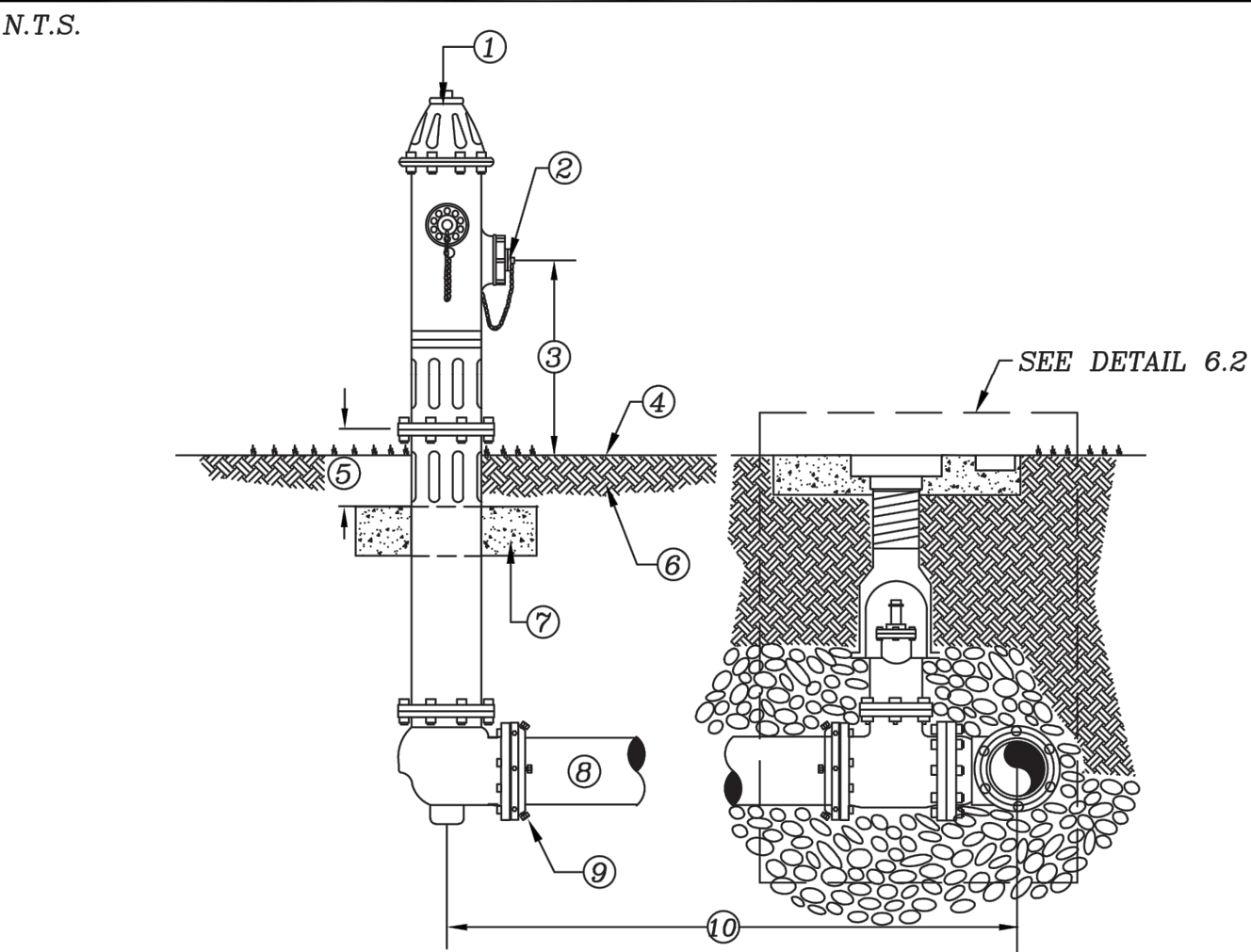
Location of Fire Hydrant:	5361 Pine Island Road NW
Hydrant I.D. Number:	N/A
Date Of Test:	Friday, September 1, 2023
Time Of Test:	10:00:00 AM
Person(s) at Test Site:	Fire Inspector Ulrich
Water Supplied By:	Greater Pine Island Water Association
Discharge Size:	2.5
Pitot Reading	38
Actual Flow Of Hydrant:	1034.350142
Static Pressure:	68
Residual Pressure	60
Calculated Flow @ 20 P.S.I. Residual:	2721.88175
Minutes Flowed:	5 Mins

Remarks:
Flow Test requested by Jason Swack, (205) 482-6575.

Test Ordered By: Jason Swack

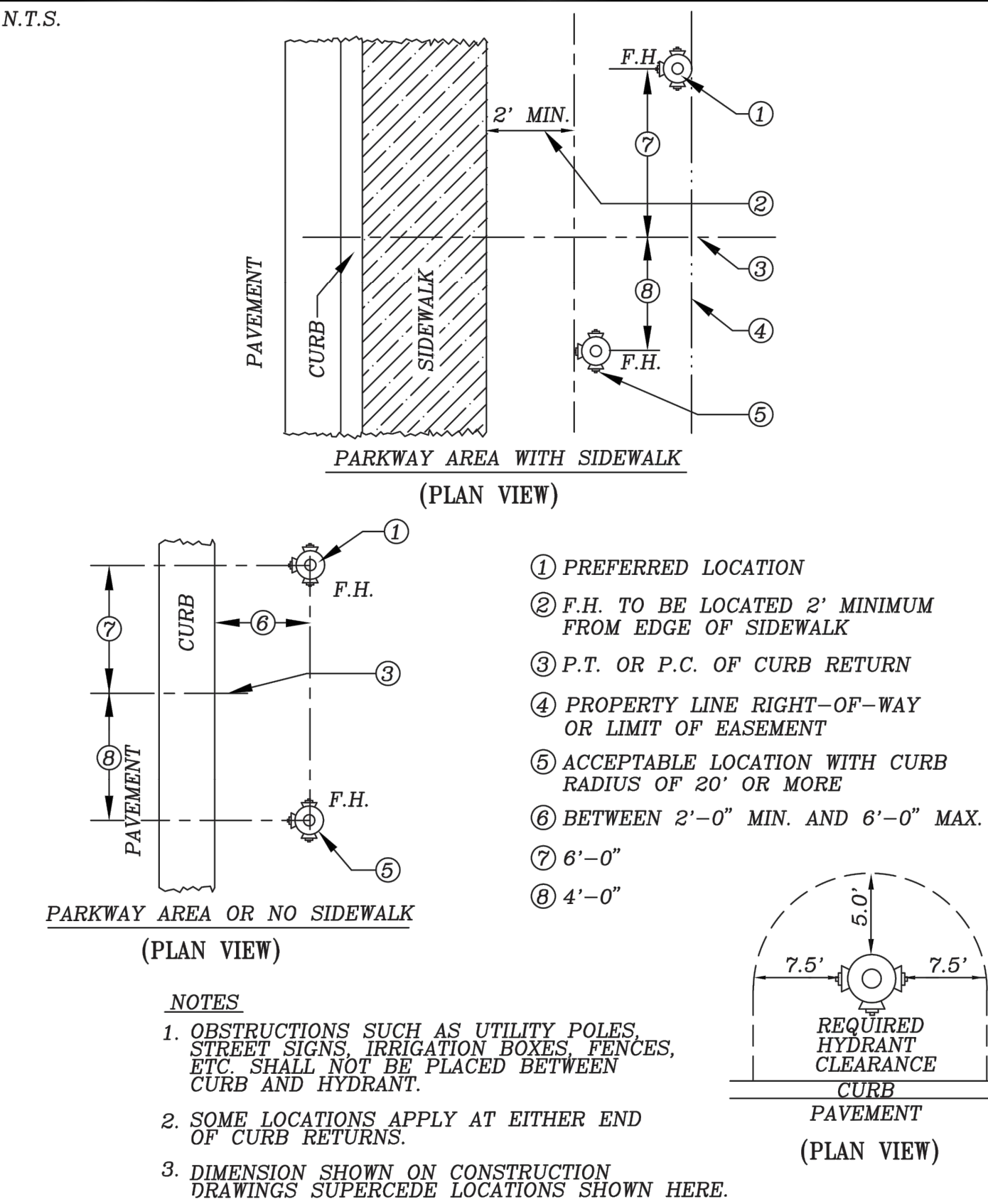
Tester Signature: Courtney Ulrich

FIRE HYDRANT ASSEMBLY



- 1 FIRE HYDRANT: STANDARD A.W.W.A. SAFETY YELLOW (SEE APPROVED MATERIAL LIST)
- 2 PUMPER CONNECTION FACING AS PER FIRE DISTRICT RECOMMENDATION
- 3 18" MIN. - 24" MAX.
- 4 FINISHED GRADE
- 5 6" MIN. CLEARANCE
- 6 COMPACTED FILL
- 7 30" X 30" X 4" CONCRETE BREAK AWAY CONCRETE PAD, 3000 P.S.I.
- 8 PIPE TO BE D.I.P., PRESSURE CLASS 350
- 9 RESTRAINED JOINTS, FROM HYDRANT TO WATER MAIN
- 10 VARIABLE DISTANCE, IF GREATER THAN 100' A VALVE SHALL BE INSTALLED AT HYDRANT BASE

FIRE HYDRANT LOCATIONS / CLEARANCE



LEGEND

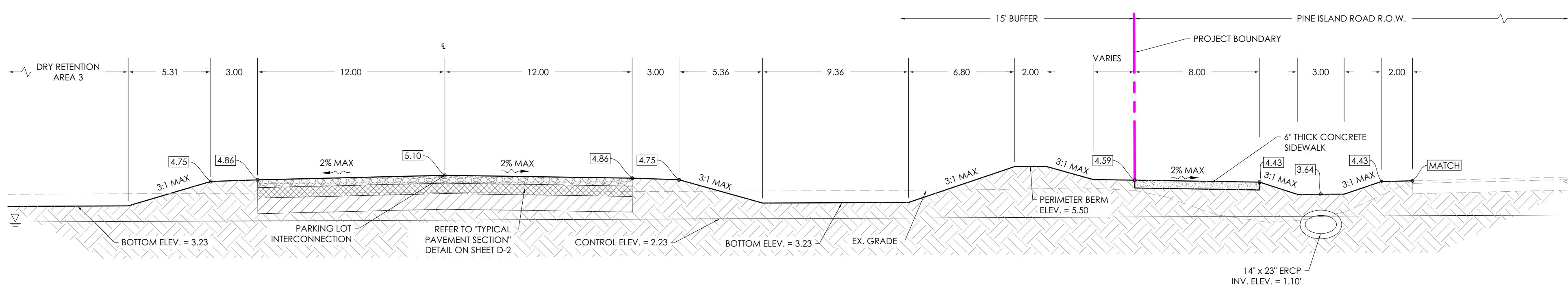
	PROPOSED STANDARD DUTY ASPHALT PAVEMENT
	PROPOSED CRUSHED STONE SURFACE
	PROPOSED 6' SIDEWALK
	PROPOSED FIRE HYDRANT
	PROPOSED FIRELINE
	HYDRANT SPACING ALONG ROAD CENTERLINE
	PROPOSED WATER SERVICE
	EXISTING WATER MAIN
	PROPOSED FENCE
	PROJECT BOUNDARY
	RIGHT OF WAY

FIRE PROTECTION PLAN

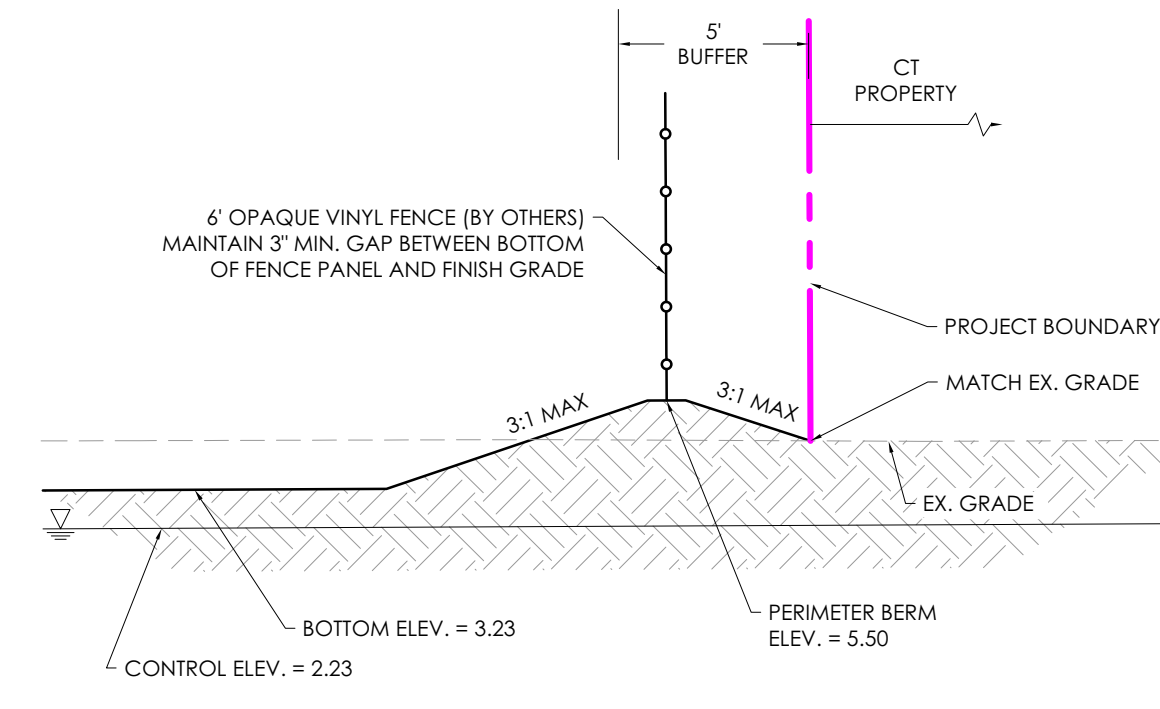
DEEP BLUE SEA AND LOCK, LLC.
11500 FLINT LANE BOKEELIA, FL 33922

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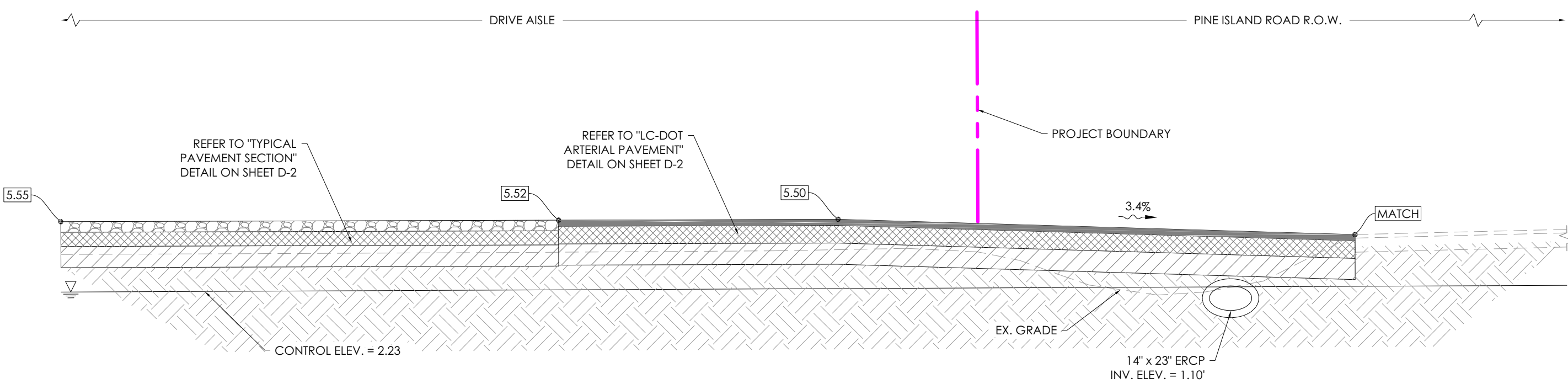
013-2022 SITE PLAN.DWG
PROJECT #: 013-2022 DRAWN: JLS
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C8
SHEET



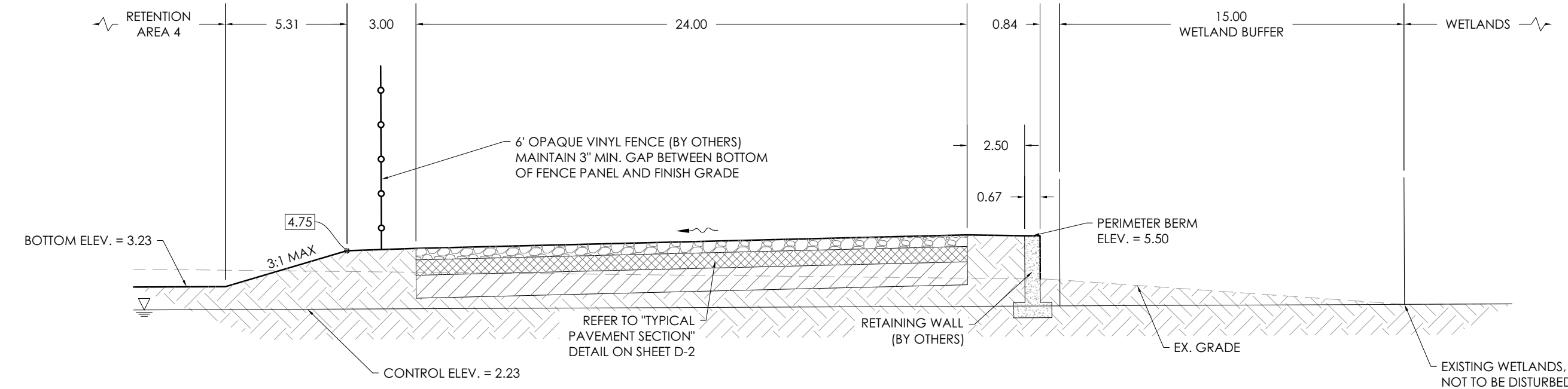
A NORTH PROPERTY LINE TO PINE ISLAND ROAD R.O.W.
N.T.S.



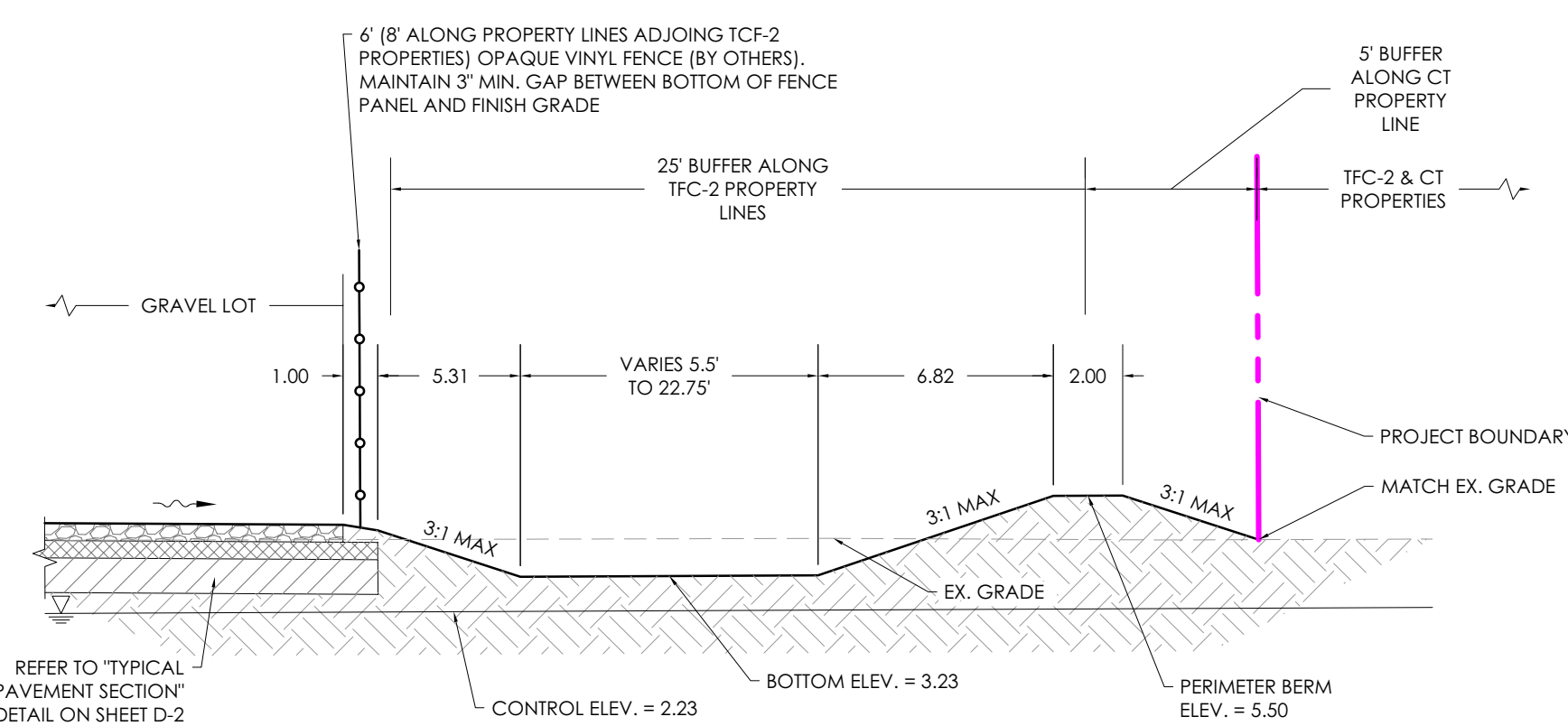
F EAST PROPERTY LINE TO CT PROPERTY
N.T.S.



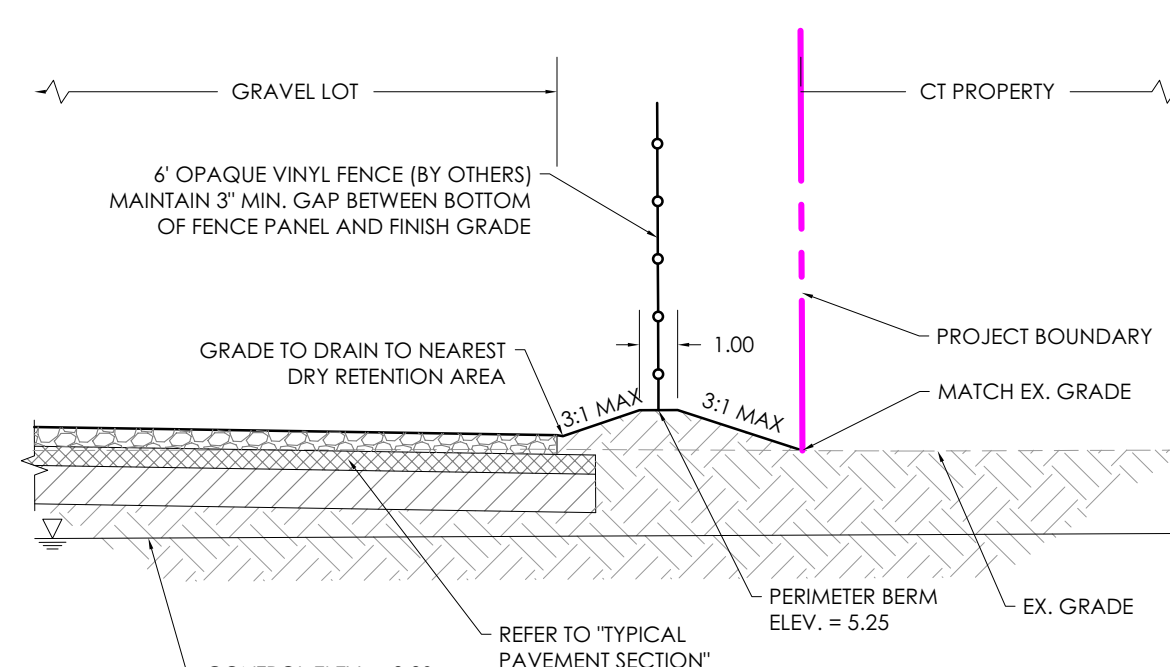
B NORTH PROPERTY LINE ALONG DRIVEWAY
N.T.S.



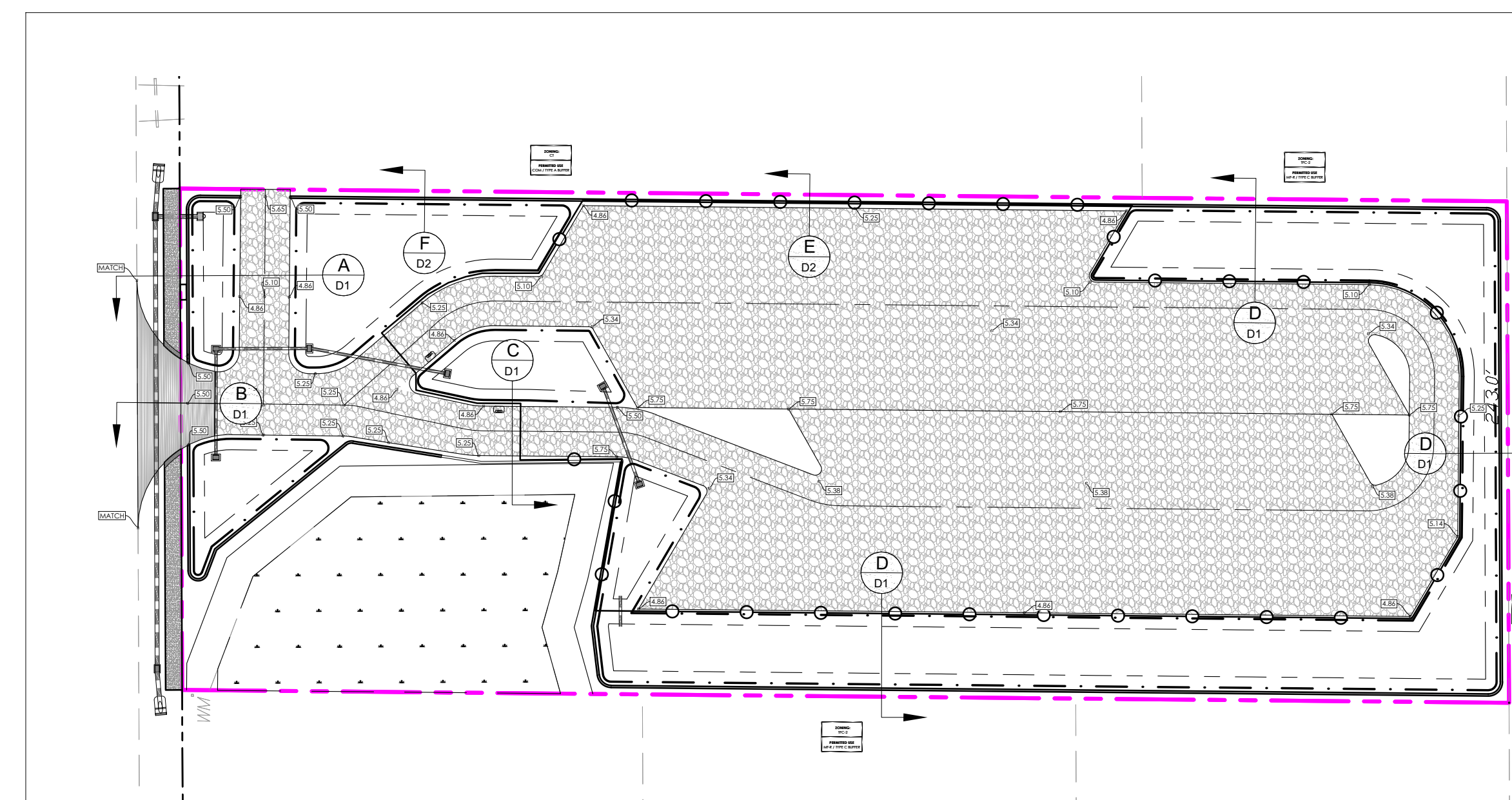
C DRIVE AISLE AND WETLAND
N.T.S.



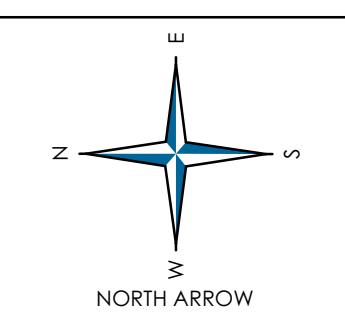
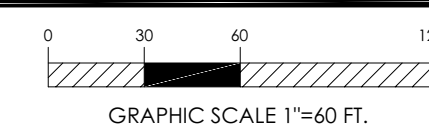
D WEST, SOUTH, AND EAST PROPERTY LINE
ALONG TFC-2 & CT PROPERTIES
N.T.S.



E EAST PROPERTY LINE TO CT PROPERTY
N.T.S.



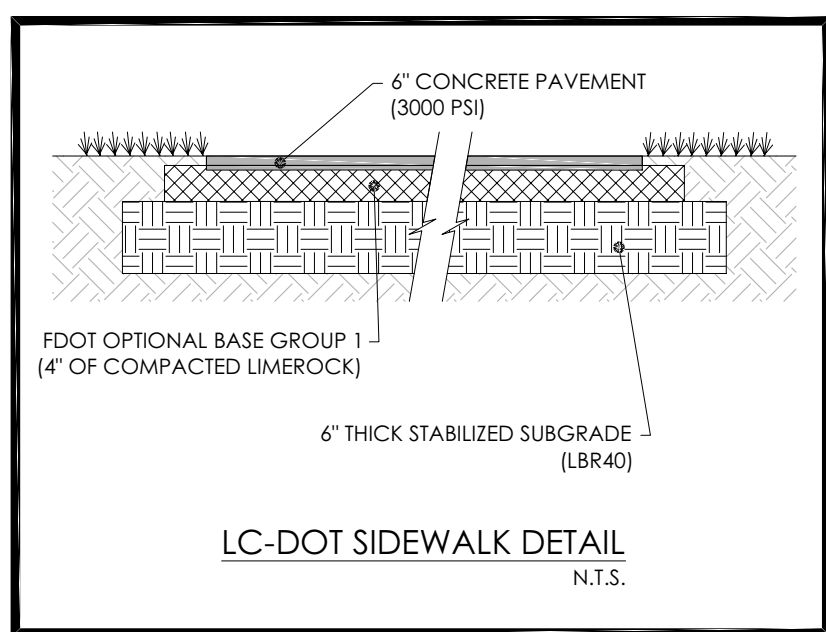
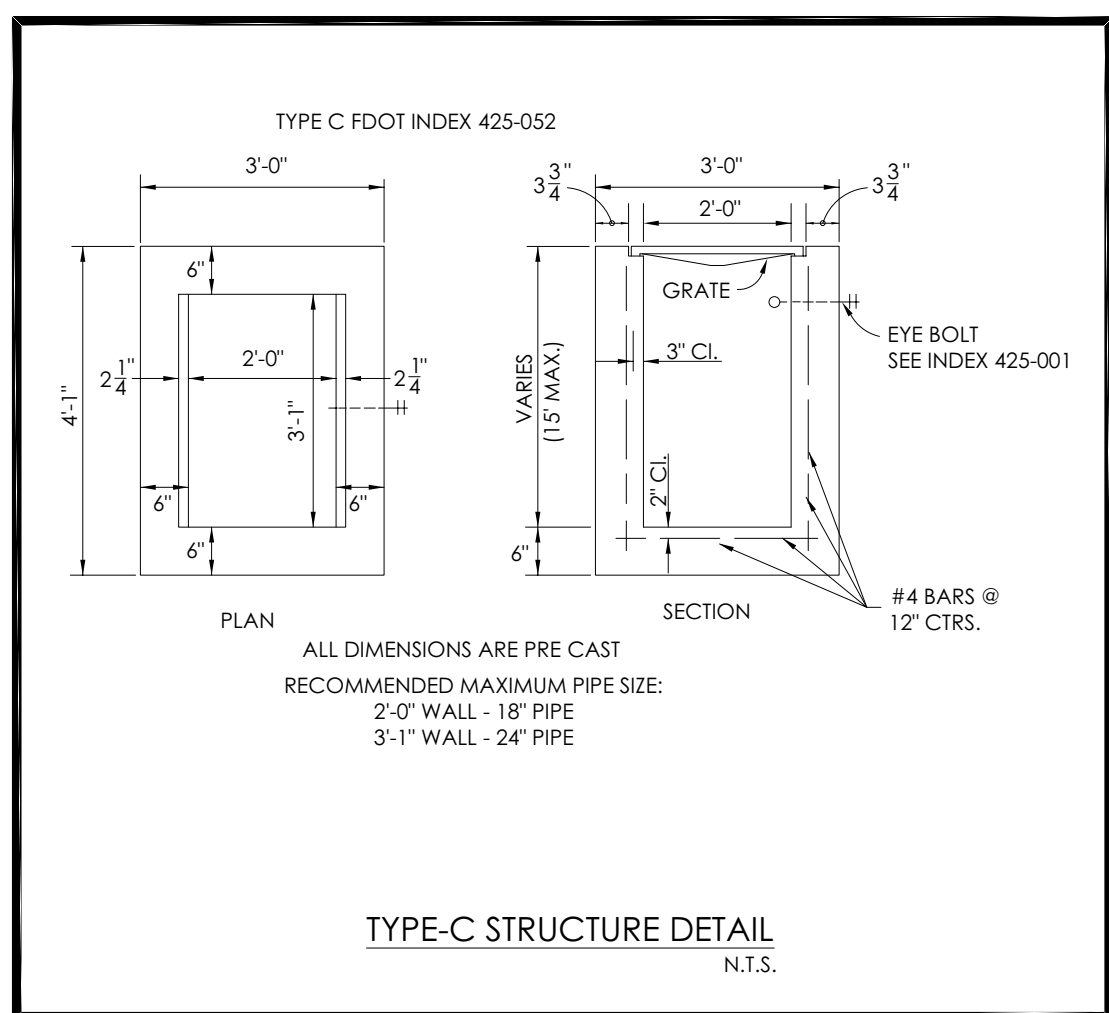
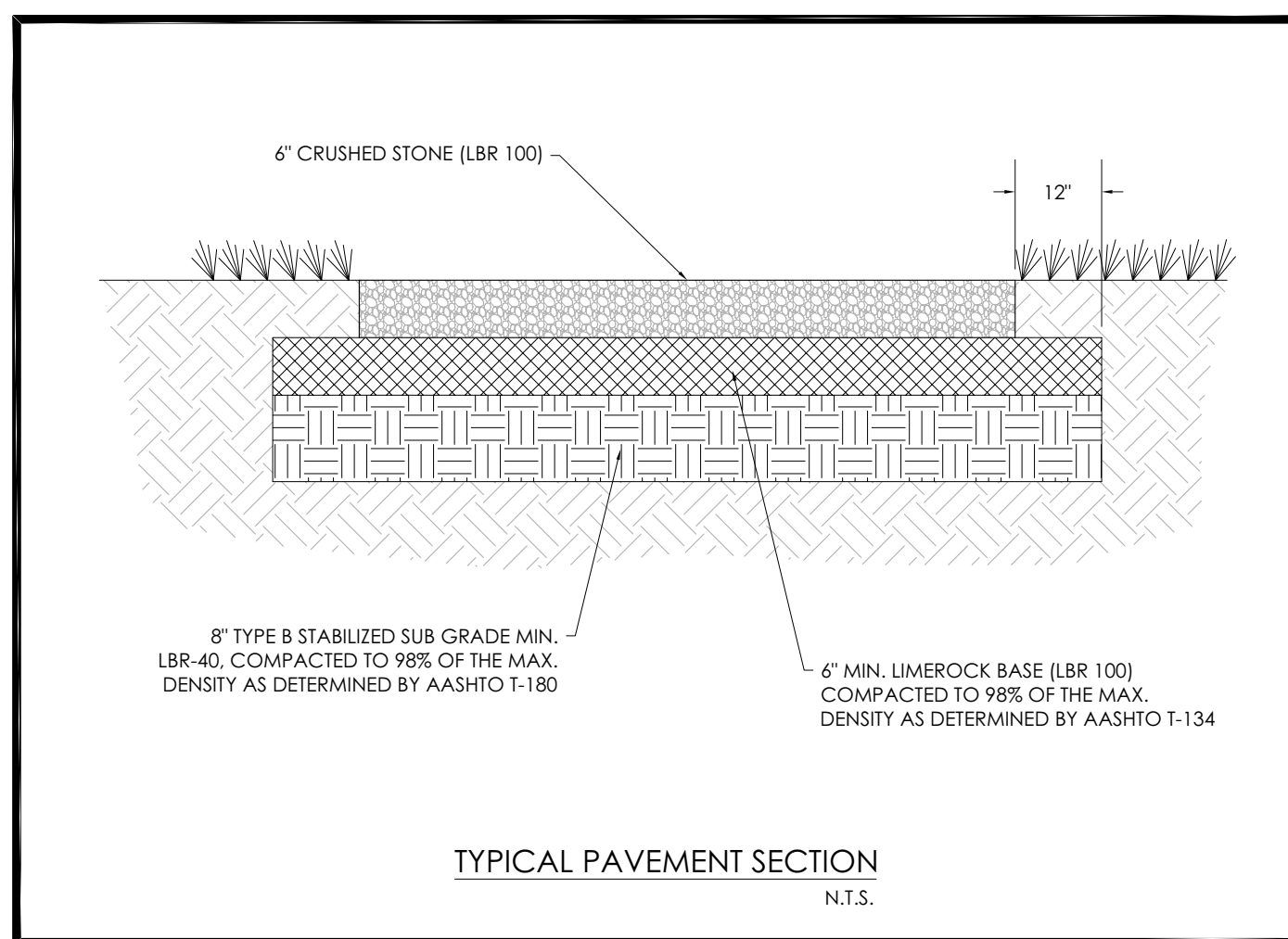
CROSS SECTION KEY MAP



CROSS SECTIONS

DEEP BLUE SEA AND LOCK, LLC.
11500 FLINT LANE BOKEELIA, FL 33922

REVISIONS:

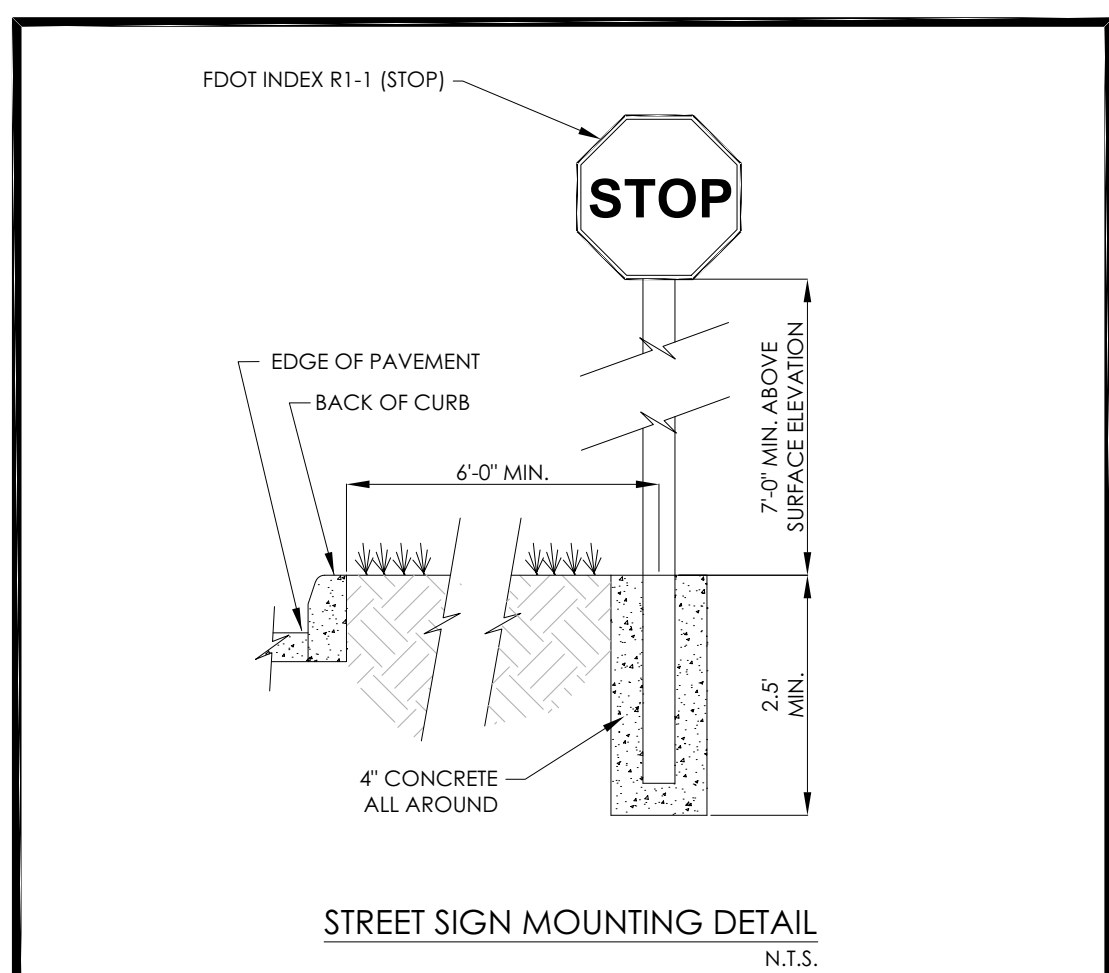
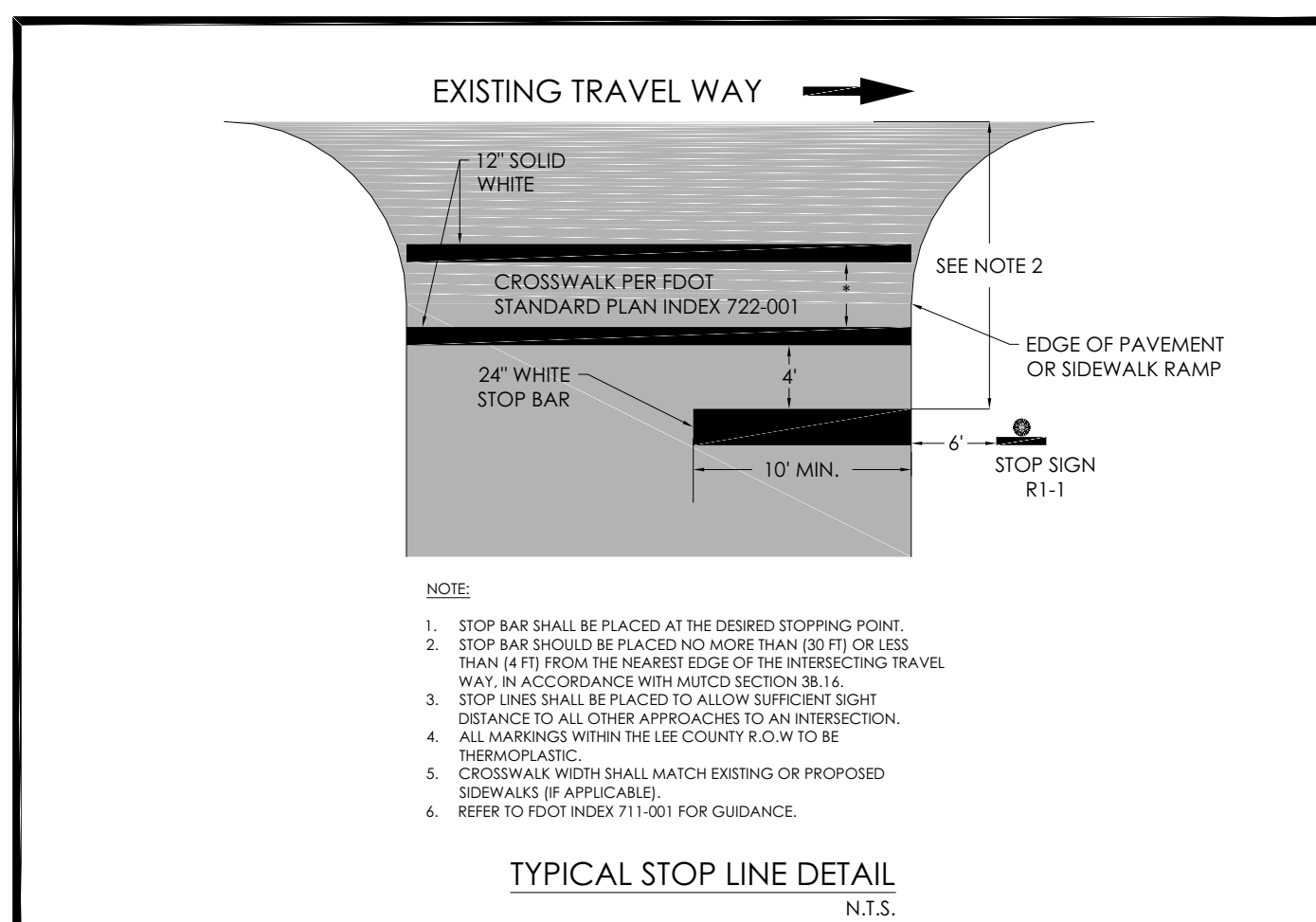
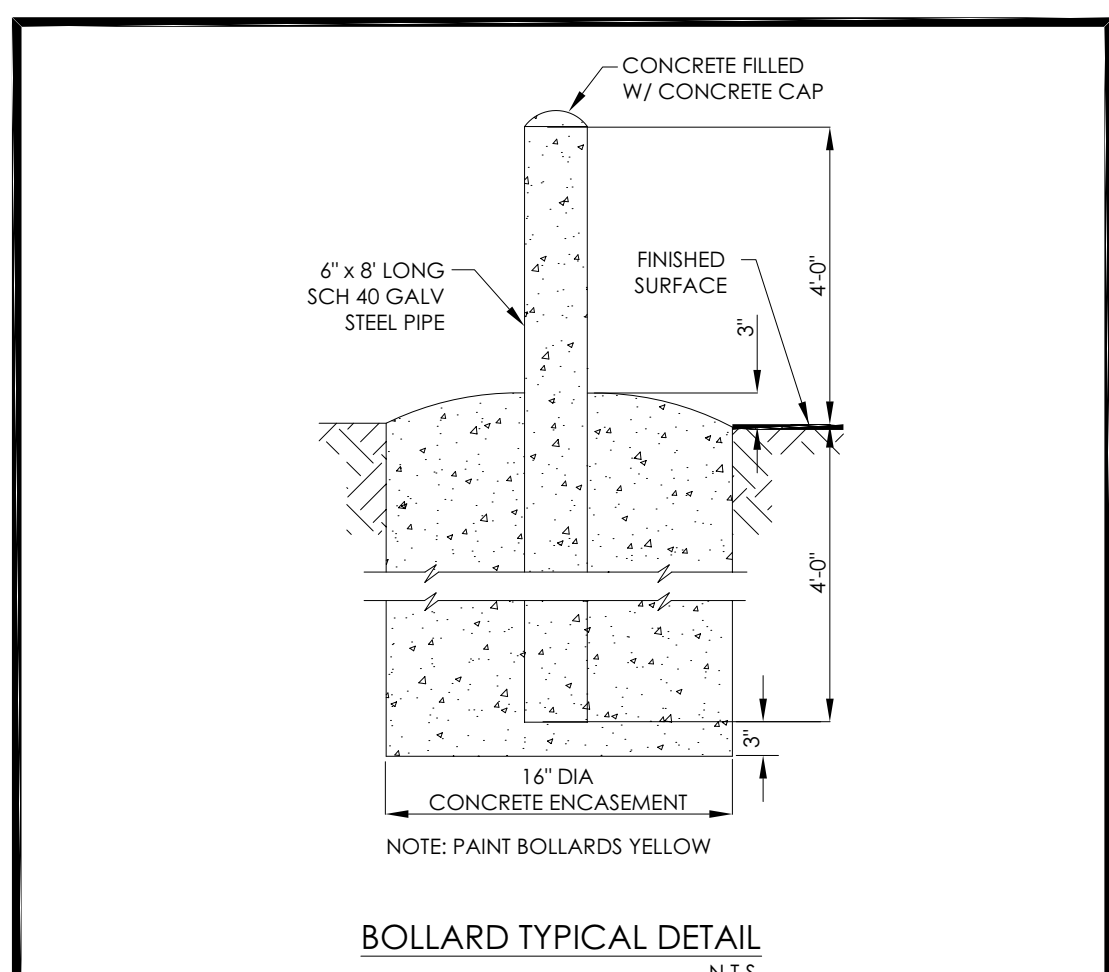
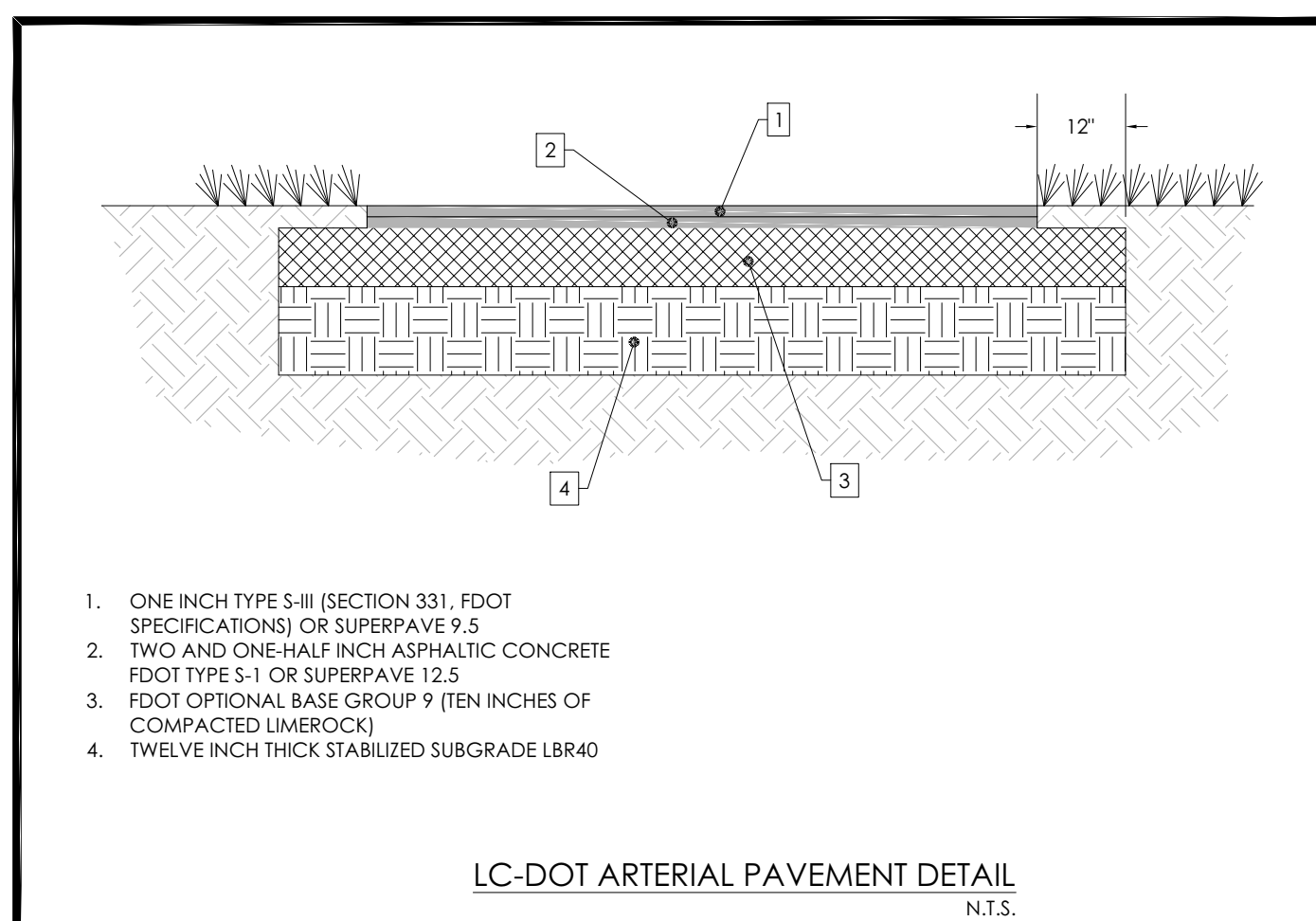
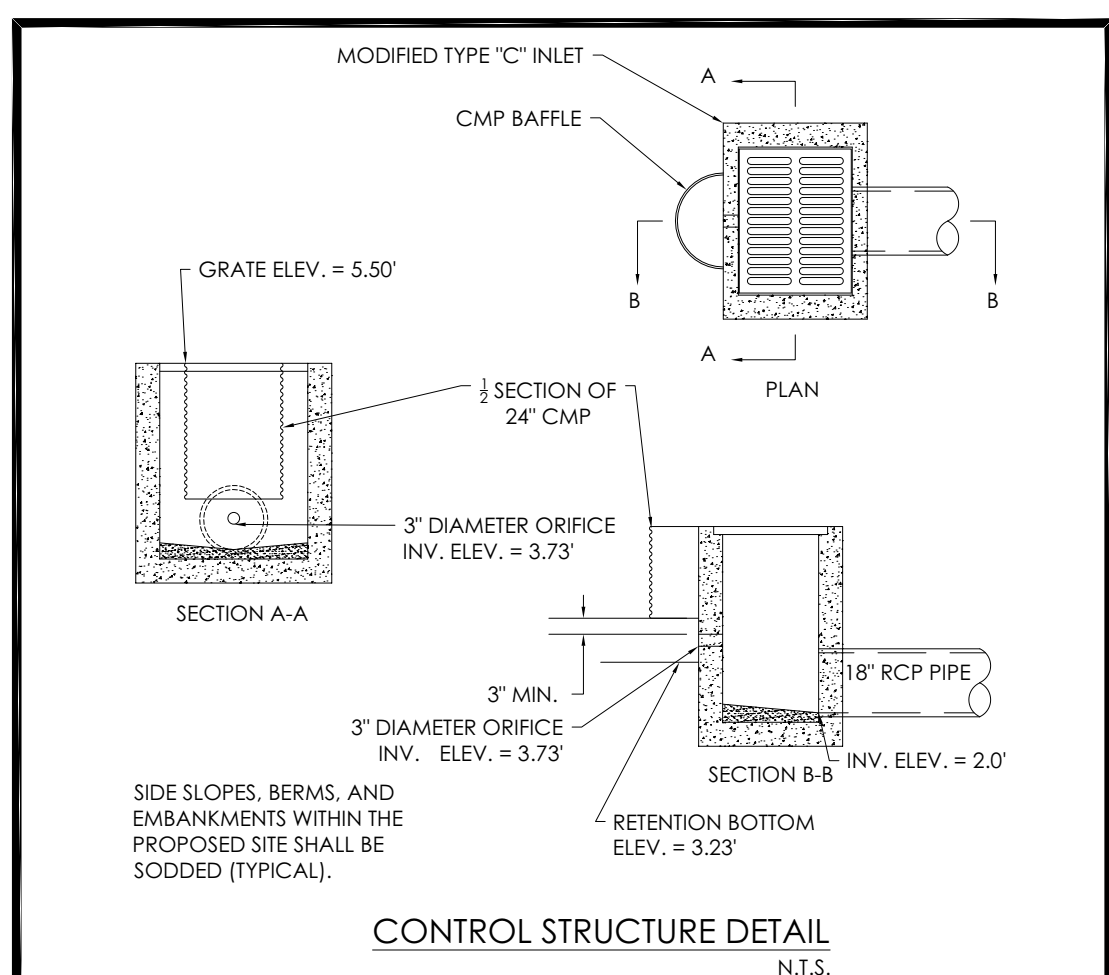
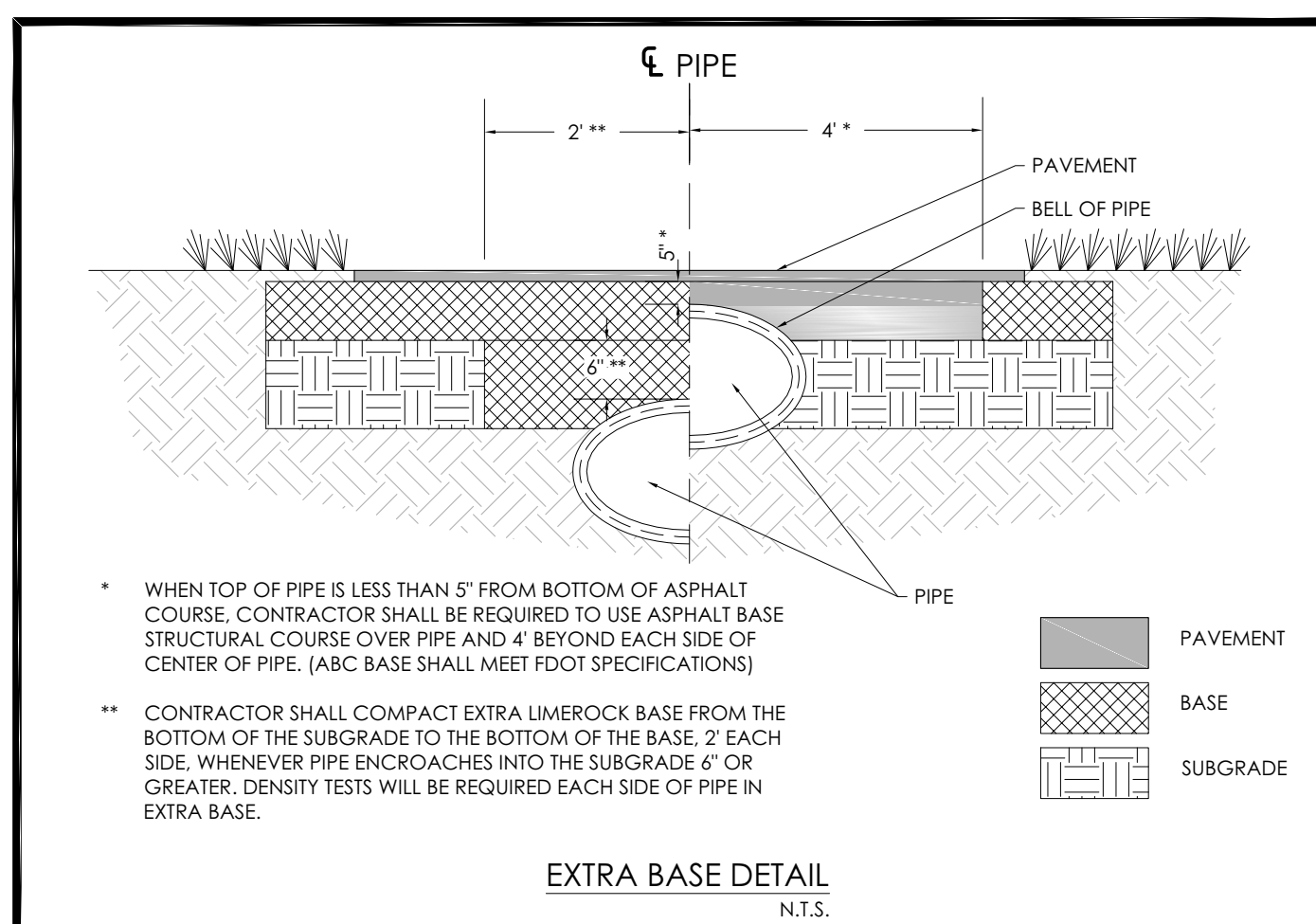


CALL BEFORE YOU DIG:

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PHONE: (800) 432-4770
(MINIMUM 48 HOURS NOTICE REQUIRED)

VERTICAL DATUM: NAVD

THIS DRAWING AND ALL ELEVATIONS SHOWN ARE BASED ON
THE NATIONAL AMERICAN VERTICAL DATUM (NAVD 88)
CONVERT TO NGVD 29 ADD: 1.2



WATERLINE NOTES:

1. ALL WATERLINES 1/2" AND SMALLER SHALL HAVE A MINIMUM COVER OF 36" AND ALL WATERLINES LARGER THAN 1/2" SHALL HAVE A MINIMUM COVER OF 36". PER NPA 24 UNDERGROUND LINES REQUIRED TO BE 36" UNDER DRIVES AND ROADS.
2. THE ENDS OF ALL CAPPED IRRIGATION AND POTABLE WATERLINES SHALL BE MARKED WITH ELECTRONIC MARKERS AND 2x4 STAKES 5" IN LENGTH WITH 2" ABOVE GROUND.
3. ALL POTABLE AND IRRIGATION WATERLINES SHALL BE AWWA C-900, DR18 CLASS 150 PVC RIBBED GASKETED PIPE WITH BELL AND SPIGOT ENDS UNLESS OTHERWISE NOTED. ALL FERTILIZER DEFLECTIONS AND WATERLINES UNDER PAVEMENT OR SIDEWALK SHALL BE D.I.P. CLASS 50 AS SHOWN IN C.L.S.D. STANDARD DETAIL NO. 9.6.
4. CONTRACTOR SHALL USE 45° BENDS AT CONFLICTS. RESTRAINTS TO BE MEGALUG, TYLER M/J GLANDS OR APPROVED EQUIV. CONTRACTOR SHALL NOT EXCEED 75% OF THE MANUFACTURERS RECOMMENDED MAXIMUM PIPE DEFLECTION.
5. PROPOSED WATERLINE FITTINGS ARE SHOWN AT BENDS IN WATERLINE. ADDITIONAL FITTINGS MAY BE REQUIRED TO BEND WATERLINE AS SHOWN.
6. THE CONTRACTOR SHALL PLACE PROPOSED VALVES AS SHOWN. THE VALVE BOX SHALL NOT BE LOCATED IN PAVEMENT, CURED PAVERS, SIDEWALKS OR DRIVEWAY AREAS.
7. THE CONTRACTOR SHALL PROVIDE AND INSTALL BLUE / BLUE REFLECTIVE MARKERS AS REQUIRED NEAR PROPOSED FIRE HYDRANTS.
8. ALL WATER SERVICES UNDER ROADWAY SHALL BE PLACED IN A SCHEDULE 40 CLASS 160 PVC CASING PIPE.
9. ALL COMPONENTS OF THE POTABLE WATER SYSTEM SHALL BE IN CONFORMANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE / NSF INTERNATIONAL STANDARD 61. ALL COMPONENTS INSTALLATION AND TESTING OF THE POTABLE WATER SYSTEM SHALL BE ACCORDANCE WITH ALL AWWA APPLICABLE STANDARDS.
10. WHERE HORIZONTAL CLEARANCE FROM WATERLINE TO DRAINAGE STRUCTURE IS LESS THAN 10' CENTER A 20' SECTION OF 8" D.I.P. CL50 AT DRAINAGE STRUCTURE.
11. WATER SERVICE TAPS SHALL NOT BE LOCATIONS REQUIRING HORIZONTAL DEFLECTION.
12. WATER SERVICES TO MAINTAIN 3' SEPARATION FROM DRAINAGE STRUCTURES.

UTILITY CONTRACTOR:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING UP PRECONSTRUCTION MEETINGS WITH THE UTILITY COMPANY AND NOTIFYING ENGINEER'S OFFICE OF TIME AND PLACE.
2. CONTRACTOR SHALL NOTIFY ENGINEER'S OFFICE OF DATE AND TIME OF ALL PRESSURE TESTS OF ALL LINES AND HYDRANTS SO OFFICE REPRESENTATIVE CAN BE PRESENT.
3. CONTRACTOR SHALL NOTIFY ENGINEER'S OFFICE OF DATE AND TIME OF ANY LIFT STATION START-UP SO COMPANY REPRESENTATIVE CAN BE PRESENT.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR AN ASBUILT PLAN INCLUDING: HAVING AN ACCURATE ELEVATION OF TOP OF PIPE AT TEES, ACCURATE MEASUREMENTS OF LENGTHS OF PIPES AND LOCATIONS AND TIE IN MEASUREMENTS TO ALL BENDS, VALVES AND HYDRANTS. SUCH ASBUILT PLAN SHALL BE SUBMITTED TO THE ENGINEER'S OFFICE WITH A SIGNED (BY YOUR CONTRACTOR) COPY OF THE PLAN AS AN ASBUILT.

GENERAL NOTES:

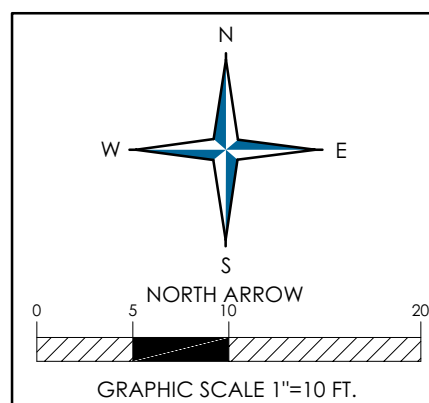
1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, AND THE F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS, LATEST EDITION.
2. UPON COMPLIANCE OF ALL FEDERAL, STATE AND LOCAL REGULATIONS BY THE OWNER, THIS SITE MAY BE SAFELY USED FOR BUILDING PURPOSES WITHOUT UNDUE DANGER FROM FLOODING. THE OWNER SHALL RETAIN THE SERVICES OF A QUALIFIED GEOTECHNICAL ENGINEER TO DETERMINE IF SUBSURFACE CONDITIONS EXIST WHICH MAY ADVERSELY EFFECT THE DEVELOPMENT OF THIS SITE. THE OWNER SHOULD RETAIN THE SERVICES OF A QUALIFIED STRUCTURAL ENGINEER TO DETERMINE CORRECT FOUNDATION DESIGNS FOR ANY PROPOSED STRUCTURES ON THE SITE.
3. THIS PROPERTY IS LOCATED WITHIN FLOOD ZONE AH, HAVING BASE FLOOD ELEVATION OF 8.00 FT. - NAVD.
4. THE CONTRACTOR SHALL RETURN ON THE WORK SITE AT ALL TIMES COPIES OF ALL PERMITS NECESSARY FOR CONSTRUCTION.
5. ANY DEVIATIONS FROM THESE PLANS BY THE OWNER OR CONTRACTOR REQUIRES PRIOR APPROVAL OF THE ENGINEER. CONTRACTOR AND/OR ANY OF HIS SUBCONTRACTORS SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCY OR ERRORS IN THE PLANS OR IF EXISTING CONDITIONS ARE NOT AS SHOWN ON THE PLANS.
6. THE CONTRACTOR SHALL NOTIFY THE OWNER AND CONTACT ALL UTILITY COMPANIES FOR LOCATIONS OF EXISTING UTILITIES IN THE AREA 72 HOURS (MINIMUM) PRIOR TO COMMENCING CONSTRUCTION.
7. THE CONTRACTOR SHALL NOTIFY LEE COUNTY A MINIMUM OF 72 HOURS PRIOR TO ALL INSPECTIONS REQUIRED BY THE COUNTY'S DEVELOPMENT CODE.
8. ALL ELEVATIONS ARE BASED UPON NAVD 1988, REFER TO SURVEY FOR DESCRIPTION OF BENCHMARK.
9. THE LOCATION OF EXISTING UTILITIES, PAVEMENT, VEGETATION, AND MISCELLANEOUS IMPROVEMENTS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY DEWATERING PERMITS REQUIRED FOR THIS PROJECT.
11. A VEGETATION PERMIT IS REQUIRED PRIOR TO ANY SITE WORK. PROTECTIVE BARRICADES MUST BE CONSTRUCTED AND INSPECTED PRIOR TO PERMIT ISSUANCE.
12. OWNER SHALL INSURE THAT THE GENERAL CONTRACTOR COMPLIES WITH ALL REQUIREMENTS OF STORM WATER POLLUTION PREVENTION (SWPP), IF THE PROJECT AREA IS MORE THAN 1 ACRE, THE OWNER SHALL FILE A NOTICE OF INTENT (NOI) WITH DEP AT LEAST 48 HRS. PRIOR TO THE START OF CONSTRUCTION.
13. ARTIFICIAL LIGHTING USED TO ILLUMINATE PREMISES SHALL BE DIRECTED AWAY FROM ADJACENT PROPERTIES AND STREETS, SHINING ONLY ON THE SUBJECT SITE. ALL LIGHT FIXTURES TO BE FURNISHED WITH FLAT LENSES AND HOUSE SHIELDS FULL CUTOFF TYPE TO LIMIT LIGHT POLLUTION FOR THE ADJACENT PROPERTIES.
14. COASTAL SETBACK LINES DO NOT APPLY TO THIS PARCEL.
15. THERE ARE NO APPARENT FLOWING WELLS ON THIS PARCEL; IF ANY ARE FOUND DURING CONSTRUCTION, THEY WILL BE PLUGGED IN ACCORDANCE WITH SFWMD AND DEP PLUGGING REQUIREMENTS.
16. PRIOR TO THE START OF ANY CONSTRUCTION IN R.O.W, PROVIDE A CONNECTION PERMIT FROM LEE COUNTY.
17. CASING AND/OR CONDUIT SHALL EXTEND 5' BEYOND THE EDGE OF PAVEMENT, BACK OF CURB AND/OR SIDEWALK AT EACH END.
18. CONTRACTOR TO VERIFY ENGINEER'S BUILDING FOOTPRINT SIZE MATCHES ARCHITECTS BUILDING SIZE BEFORE BEGINNING CONSTRUCTION.
19. YARD DRAINS SHALL BE ADDED IN GREEN AREAS AS NECESSARY AT THE DIRECTION OF THE LANDSCAPE ARCHITECT OR ENGINEER.
20. SEE ARCHITECTURAL PLANS FOR INFORMATION PERTAINING TO ALL PROPOSED BUILDINGS FEATURES
21. ALL PARKING LOT DIMENSIONS ARE LABELED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN ON PLANS.
22. SOD ALL DISTURBED AREAS.

GENERAL DRAINAGE NOTES:

2. THE LENGTH OF STORM DRAIN PIPES SHOWN ON PLANS ARE APPROXIMATE AND HAVE BEEN MEASURED FROM THE INSIDE FACE OF STRUCTURE.
3. THE CONTRACTOR IS REQUIRED TO ADJUST ALL EXISTING AND PROPOSED VULVE BOXES TO MATCH RIMS, GRATES, AND SLOPES OF EXISTING AND PROPOSED GRADES.
4. EXISTING OFF-SITE DRAINAGE PATTERNS SHALL BE MAINTAINED DURING CONSTRUCTION.
5. SOD ALL DISTURBED AREAS; INCLUDING: SWALES, SIDE SLOPES, BERMS, AND EMBANKMENTS (TYPICAL)
6. THE CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL ENCOUNTERED FROM FILL AREA PRIOR TO PLACEMENT OF FILL. ALL UNSUITABLE MATERIAL EXCAVATED SHALL BE STOCKPILED AND REMOVED AS DIRECTED BY THE ENGINEER.
7. DURING CONSTRUCTION, THROAT INLET OPENINGS, WHERE APPROPRIATE, SHALL BE COVERED WITH FILTER FABRIC (MIRAFIX I400 OR APPROVED EQUIVALENT) TO PREVENT DEBRIS AND FILL FROM ENTERING THE DRAINAGE SYSTEM.
8. FINISH GRADE TO WITHIN 2" OF PAVEMENT ELEVATIONS BEFORE LAYING OF SOD, & MULCH BEDS (STRICTLY ENFORCED)
9. SEE SURVEY FOR ADDITIONAL EXISTING GRADES OUTSIDE OF SITE BOUNDARY.
10. ALL INLETS SHALL HAVE PIPES CUT FLUSH WITH INSIDE FACE OF INLET BOXES IN ALL CASES.
11. ALL PERIMETER BERMS AND ANY NECESSARY PERIMETER GRADING ARE TO BE CONSTRUCTED FIRST IN ORDER TO RETAIN ALL SURFACE WATER RUNOFF ON SITE WITH THE ONLY DISCHARGE TO THE STREET BEING THE DRAINAGE STRUCTURE.
12. ELEVATIONS ARE BASED ON SURVEY INFORMATION PROVIDED BY AFFORDABLE SURVEYS, INC.
13. SITE WILL BE REQUIRED TO ADHERE TO LAND USE REGULATION 5.2 E-RETENTION/DENTION AREAS 1, 2 AND 3. TREES AND SHRUBS MUST NOT INTERFERE WITH THE VOLUME OF STORMWATER FROM ROADS AND SHRUBS MUST NOT INTERFERE WITH THE REQUIRED SIDE SLOPES, TREES AND SHRUBS MUST NOT INTERFERE WITH OR IMPEDE THE FLOW OF RUNOFF.
14. RETENTION/DENTION AREAS MUST BE STABILIZED WITH SOD UNLESS AN ALTERNATIVE METHOD OF STABILIZATION PERMITTED BY THE CITY OF CHICAGO. NO ORGANIC MULCH WILL BE PERMITTED ON ADJACENT RETENTION/DENTION AREA.

DEMOLITION NOTES:

1. CONTRACTOR TO PERFORM DEMOLITION WORK IN A SYSTEMATIC MANNER. USE SUCH METHODS AS REQUIRED TO COMPLETE THE WORK WITHIN GOVERNING REGULATIONS.
2. DEMOLISH CONCRETE AND MASONRY IN SMALL SECTIONS. CUT CONCRETE AND MASONRY USING POWER DRIVEN MASONRY SAW OR HAND TOOLS.
3. CONTRACTOR TO PROVIDE SERVICES FOR EFFECTIVE AIR AND WATER POLLUTION CONTROLS AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION.
4. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION, COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, LAWS, AND ORDINANCES CONCERNING REMOVAL, HANDLING AND PROTECTION AGAINST EXPOSURE OR ENVIRONMENTAL POLLUTION.
5. CONTACT ALL UTILITY COMPANIES 72 HOURS PRIOR TO THE START OF DEMOLITION.
6. ANY HAZARDOUS MATERIAL FOUND ON SITE MUST BE REMOVED PRIOR TO SITE CONSTRUCTION BY A LICENSED HAZARDOUS WASTE REMOVAL CONTRACTOR.



PROJECT DETAILS & NOTES

DEEP BLUE SEA AND LOCK, LLC.

11500 FLINT LANE BOKEELIA, FL 33922

[illegible]

013-2022 SITE PLAN.DWG
PROJECT #: 013-2022 DRAWN: JLS
DATE: 08/20/2023 DESIGNED: JLS

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SHEE

