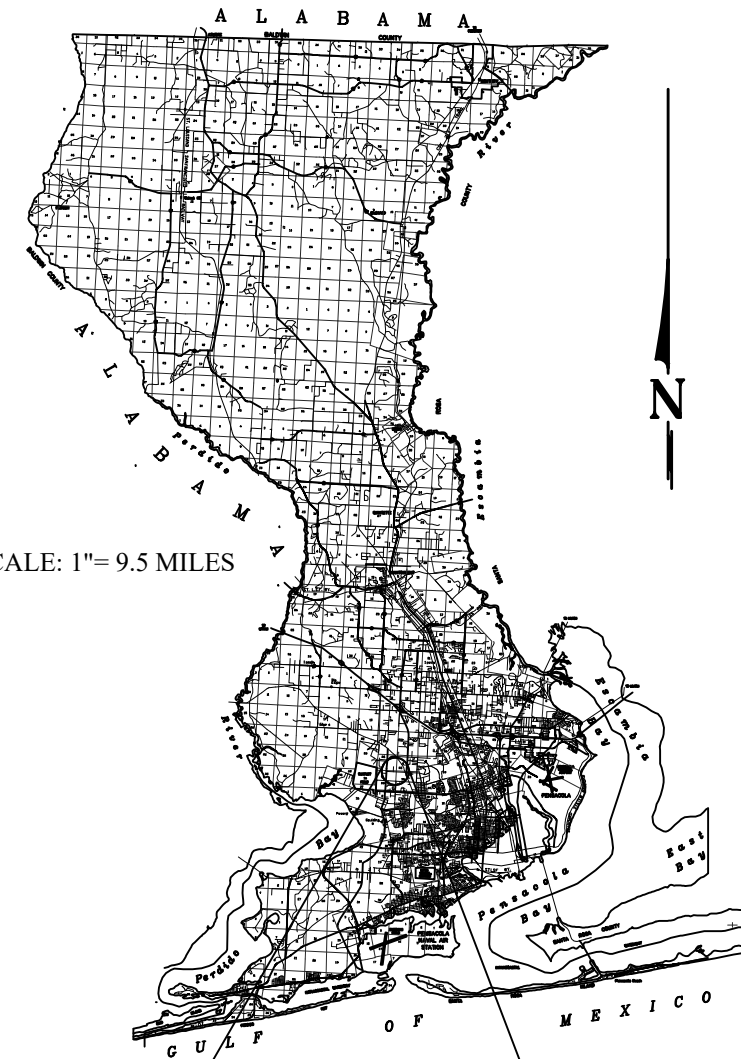


**BOARD OF COUNTY COMMISSIONERS
 ESCAMBIA COUNTY, FLORIDA
 PUBLIC WORKS DEPARTMENT
 ENGINEERING / INFRASTRUCTURE DIVISION**



INDEX OF PLANS

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25	MOT

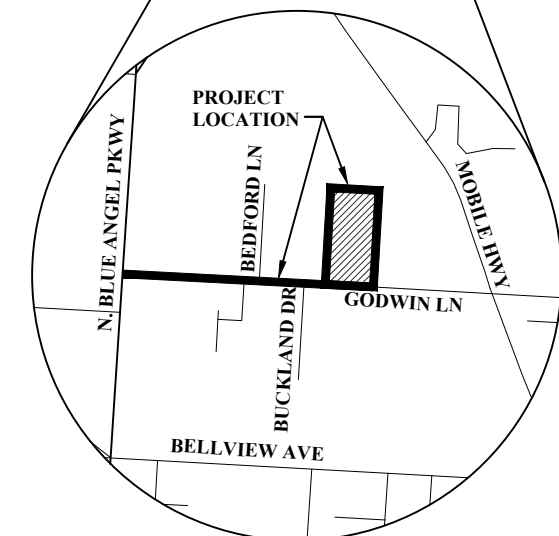
**PLANS PROPOSED FOR
 GODWIN LANE
 REGIONAL POND**

DAVID W. FITZPATRICK, P.E., P.A.

FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423
 10250 N. PALAFOX STREET
 PENSACOLA, FL 32534
 (850) 476-8677
 FAX: (850) 476-7708

**BID SET
 100% PLANS
 FEBRUARY 2020**

SCALE: 1"= 9.5 MILES



SCALE: 1"= 0.22 MILES

PROJECT MANAGER: JOHN ROSENAU

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE LATEST ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.

ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.

COMMISSIONERS

- | | |
|----------------|-------------------------------|
| DISTRICT ONE | JEFF BERGOSH |
| DISTRICT TWO | DOUG UNDERHILL |
| DISTRICT THREE | LUMON MAY |
| DISTRICT FOUR | ROBERT BENDER (VICE CHAIRMAN) |
| DISTRICT FIVE | STEVEN BARRY (CHAIRMAN) |

NUMBER	REVISIONS	DATE	APPROVED BY
1	30% COUNTY COMMENT REVISIONS	6/10/19	
2	NWFWMD ERP COMMENT REVISIONS	7/19/19	
3	FORCEMAIN & GAS MAIN RELOCATES	9/16/19	
4	REVISED PIPE SIZES	2/5/20	

PROJECT MANAGER: JOHN ROSENAU	
SECTION / TOWNSHIP / RANGE: 38 / 1S / 31W	DISTRICT: 1
PROJECT ENGINEER: DAVID W. FITZPATRICK, P.E.	REG FLA ENG NO: 47818
SIGNATURE:	DATE:

GENERAL NOTES:

- THE CONTRACTORS SHALL NOTIFY THE COUNTY DESIGN ENGINEER OR DESIGNEE 48 HOURS PRIOR TO CONSTRUCTION.
- ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE ESCAMBIA COUNTY ENGINEER SHALL BE COMPLIED WITH IN EVERY DETAIL.
- ALL ROADS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE PATCHED OR RECONSTRUCTED AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.
- THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PREVENT EROSION AND ANY OFF SITE SEDIMENT TRANSPORT RESULTING FROM INCREASED RUNOFF DURING CONSTRUCTION BY PROVIDING SILT FENCE AND/OR STAKED HAY BALES AS REQUIRED BY FDOT INDEX 102, THE FLORIDA STORMWATER, EROSION, AND SEDIMENT CONTROL INSPECTOR'S MANUAL, 2000 EDITION, OR AS INDICATED ON THE PLANS. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED AS TO REDUCE SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR DESIGNEE.
- ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ESCAMBIA COUNTY OR ITS DESIGNEE WILL ASSIST CONTRACTOR WITH REQUIRED PERMITS.
- THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRESERVE OR RELOCATE ALL BENCHMARKS (VERTICAL CONTROL) AS NEEDED DURING CONSTRUCTION. ALL PUBLIC OR PRIVATE CORNER MONUMENTATION SHALL BE PROTECTED. IF A PUBLIC OR PRIVATE CORNER MONUMENTATION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR DESIGNEE IMMEDIATELY. ANY ESCAMBIA COUNTY HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS ARE DISTURBED OR DESTROYED THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELACEMENT OF THE MONUMENTS AND HAVE THE MONUMENTS POSITION DETERMINED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER USING GUIDELINES AS ESTABLISHED BY NATIONAL GEODETIC SURVEY FOR BLUE BOOKING AND APPROVAL.
- EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.
- EXISTING STREETS AND DRIVES SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.
- ALL ROADWAY CONSTRUCTION SHALL COMPLY WITH THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.
- ALL MATERIALS, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.
- ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERRED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.
- EXISTING STREET AND ROAD NAME SIGNS ON THE PROJECT SHALL BE KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLES. ALL OTHER EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE TAKEN DOWN AND STOCKPILED WITHIN THE R/W LIMITS BY THE CONTRACTOR AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE. ANY EXISTING SIGNS THAT ARE TO BE RELOCATED AND ARE DAMAGED BEYOND USE BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE 10' OPEN LANE AT ALL TIMES. NO OPEN EXCAVATION SHALL REMAIN OVER NIGHT. CONTRACTOR SHALL RESTORE ROAD TO TWO LANES OF TRAFFIC AT THE END OF EACH WORK DAY.
- CONTRACTOR SHALL COMPLY WITH ALL F.D.E.P. AND ARMY CORP. OF ENGINEERS REQUIREMENTS.
- ONLY ACCESS TO THE ROAD R/W AS SHOWN IS GUARANTEED BY THE COUNTY. PRIVATE R/W REQUIRED BY THE CONTRACTOR TO FACILITATE CONSTRUCTION SHALL BE ACQUIRED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION OR ASSISTANCE FROM THE COUNTY.
- IN THE EVENT THAT SURVEY MONUMENTATION OR REFERENCE POINTS ARE MISSING OR HAVE BEEN DESTROYED, PLEASE CONTACT:

JOSEPH BARRETT
PROFESSIONAL SURVEYOR & MAPPER
ESCAMBIA COUNTY ENGINEERING
3363 WEST PARK PLACE
PENSACOLA, FLORIDA 32505
PH (850) 595-3472
- VEGETATION ON R/W AND EASEMENTS SHALL BE RESTORED TO ORIGINAL CONDITION UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. COST OF SAID RESTORATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.
- GRADED AGGREGATE BASE SHALL BE REQUIRED WHERE THE SEASONAL HIGH GROUND WATER ENCROACHES WITHIN TWO (2) FEET OF THE BOTTOM OF BASE.
- ALL TREES WITHIN LIMITS OF CONSTRUCTION SHALL BE REMOVED UNLESS OTHERWISE NOTED IN PLANS.
- MAINTENANCE OF TRAFFIC AS PER FDOT INDEX 600.
- ALL SPEED BUMPS THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED TO THE LATEST ESCAMBIA COUNTY DESIGN SPECIFICATIONS. ALL COSTS FOR REPLACEMENT OF SAID SPEED BUMPS SHALL BE INCIDENTAL TO OTHER ITEMS AND NO ADDITIONAL COMPENSATION SHALL BE CONSIDERED.
- ALL EXISTING MAILBOXES INTERFERING WITH NEW CONSTRUCTION SHALL BE RELOCATED OR REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH POSTAL REQUIREMENTS AND IN ACCORDANCE WITH ESCAMBIA COUNTY TECHNICAL SPECIFICATION, FDOT DESIGN STANDARDS AND UNITED POSTAL REQUIREMENTS. ALL EXISTING BRICK MAILBOXES WITHIN LIMITS OF CONSTRUCTION OR COUNTY RIGHT OF WAY SHALL BE REMOVED AND PLACED ON THE PROPERTY LINE OF THE OWNER. CONTRACTOR SHALL REPLACE EXISTING BRICK MAILBOX WITH APPROVED PLASTIC BREAK AWAY MAILBOX.
- THE CONTRACTOR SHALL, AT A MINIMUM, MATCH EXISTING SIGNING AND PAVEMENT MARKINGS. ALL SIGNING AND PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE LATEST FDOT DESIGN STANDARDS. THE CONTRACTOR SHALL CONTACT THE COUNTY TRAFFIC DEPARTMENT PRIOR TO INSTALLATION OF ANY SIGNING AND PAVEMENT MARKINGS.
- WHERE UNSUITABLE MATERIAL, AS DEFINED BY THE COUNTY SPECIFICATIONS SECTION 02300, 1.3(I), IS ENCOUNTERED IN THE AREAS PROPOSED FOR PAVING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COUNTY ENGINEER OR DESIGNEE PRIOR TO ANY EXCAVATION.
- PIPE LENGTHS SHOWN IN THE PLANS DO NOT INCLUDE THE LENGTH OF PIPE THAT MUST BE INSTALLED WITH THE MITERED END SECTION. THEREFORE, ALL PIPES LENGTHS ASSOCIATED WITH MITERED END SECTIONS SHALL BE PAID FOR IN THE UNIT COST OF THE MITERED END SECTION.

- IF ARCHAEOLOGICAL MATERIAL/PREHISTORIC ARTIFACTS SUCH AS POTTERY OR CERAMICS, STONE TOOLS OR METAL IMPLEMENTS, OR ANY OTHER PHYSICAL REMAINS THAT COULD BE ASSOCIATED WITH NATIVE AMERICAN CULTURES, OR EARLY COLONIAL OR AMERICAN SETTLEMENT ARE ENCOUNTERED AT ANY TIME, THE PROJECT SHOULD CEASE ALL ACTIVITIES INVOLVING SUBSURFACE DISTURBANCE IN THE IMMEDIATE VICINITY OF SUCH DISCOVERIES. THE APPLICANT/RECIPIENT, OR OTHER DESIGNEE, SHOULD CONTACT THE FLORIDA DEPARTMENT OF STATE, DIVISION OF HISTORICAL RESOURCES, THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AND THE DSH/FEMA REGION IV ENVIRONMENTAL OFFICER AND FDEM STATE ENVIRONMENTAL LIAISON OFFICER FOR FURTHER GUIDANCE. PROJECT ACTIVITIES SHOULD NOT RESUME WITHOUT WRBAL AND/OR WRITTEN AUTHORIZATION FROM THE DIVISION OF HISTORICAL RESOURCES.
- IN THE EVENT THAT UNMARKED HUMAN REMIANS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK MUST STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH F.S. 872.05.

UTILITY NOTES:

- THE LOCATION SHOWN FOR EXISTING UNDERGROUND UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR AGREES TO BE COMPLETELY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES.
- UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION SO THAT THE UTILITY OWNER CAN SPOT VERIFY AND/OR EXPOSE THEIR UTILITIES. KNOWN UTILITIES OWNERS INCLUDE:

UTILITY CONTACTS	
SUNSHINE ONE CALL:	PHONE: 1-800-432-4770
CDX COMMUNICATIONS 3405 MCLEMORE DRIVE PENSACOLA, FL 32514	CONTACT: TROY YOUNG PHONE: 850-857-4551 FAX: 850-475-0621
PENSACOLA ENERGY 1625 ATWOOD DRIVE PENSACOLA, FL 32514	CONTACT: DIANE MOORE PHONE: 850-474-5300
GULF POWER 5120 DOGWOOD DRIVE MILTON, FL 32570	CONTACT: CHAD SWAILS PHONE: 850-429-2446
ATT/ DISTRIBUTION 605 WEST GARDEN STREET PENSACOLA, FL 32502	CONTACT: BARRY POWELL PHONE: 850-436-1483
ECUA 9255 STURDEVANT STREET PENSACOLA, FL 32514	CONTACT: BRANDON KNIGHT PHONE: 850-969-3310

- AT&T FLORIDA WILL COMPLETE ALL WORK DURING THE HOURS OF 7:30 AM - 4:30 PM, MONDAY THRU FRIDAY. NO NIGHT OR WEEKEND WORK.
- ALL CABLE DAMAGE MUST BE REPORTED TO THE ATT FLORIDA REPAIR SERVICE DEPARTMENT AT 611 FROM A LAND LINE OR 877-737-2478 IF USING A CELL PHONE.
- ALL LOOP DETECTOR INSTALLATION SHALL BE DONE AS PER FDOT INDEX 17781.
- CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.
- UTILITIES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION. NECESSARY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS AND SHALL BE TO THE SATISFACTION OF UTILITY OWNERS.

PROJECT SPECIFIC NOTES:

- STORMWATER PIPE SYSTEM TO BE INSTALLED FROM WEST TO EAST TO ALLOW FOR SIMULTANEOUS INSTALLATION OF SANITARY SEWER FORCEMAIN AND GAS MAIN INSTALLATIONS. TANGLEWOOD SUBDIVISION & BUCKLAND DRIVE ARE TO REMAIN IN SERVICE THROUGHOUT CONSTRUCTION.
- WHEN BACKFILLING, STORMWATER PIPE CONTRACTOR TO LEAVE A COMMON TRENCH 36" BELOW FINISHED GRADE. UTILITY CONTRACTORS TO COMPLETE BACKFILL ONCE ALL UTILITIES ARE IN PLACE.
- CONTRACTOR TO COORDINATE WITH PENSACOLA ENERGY FOR COMMON TRENCH TIMING.
- STORMWATER POLLUTION PREVENTION PLAN TO BE IMPLEMENTED PRIOR TO ANY WORK IN THE R/W IN ACCORDANCE WITH THE LATEST FDOT DESIGN STANDARDS.
- ALL CONCRETE IS TO BE 3000 PSI UNLESS OTHERWISE NOTED ON PLAN.
- ALL DISTURBED AREAS ARE TO BE STABILIZED WITH SOLID SOD.
- CONTRACTOR TO COORDINATE WITH GULF POWER FOR POLE SHORING TIMING.

100% SUBMITTAL
PLOT DATE: 2/5/20

PHASE	REVIEW	DATE	ORIGINATOR (RF)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL	DATE	ORIGINATOR (RF)	CHANGE INCORPORATION	DATE	ORIGINATOR (RF)	REMARK INCORPORATION	DATE	VERIFICATION, CHECKER (RF)	DATE
	SIGNATURE:												

GODWIN LANE
REGIONAL POND
GENERAL NOTES



DAVID W. FITZPATRICK, P.E., P.A.
FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423
10250 N PALAFOX STREET
PENSACOLA, FL 32504
PHONE: (850) 476-8877 FAX: (850) 476-7708

DESIGNED BY: D. FITZPATRICK
DRAWN BY: J. BARRETT
DATE: 2/5/20

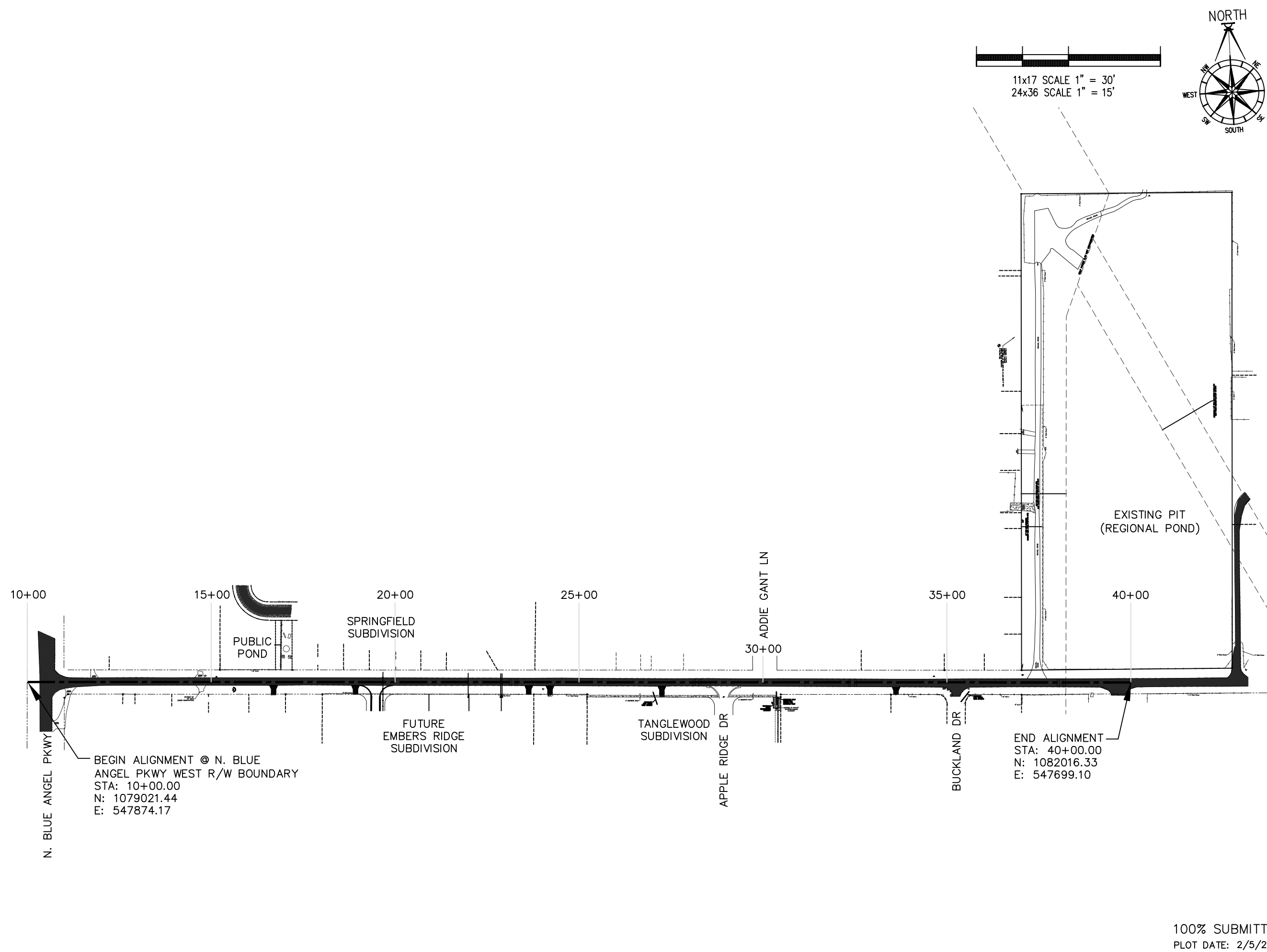
CHECKED BY: D. FITZPATRICK
PROJECT MANAGER: JOHN ROSENBAUM
DATE: 2/5/20

REG. P.L.A. NO.: 47818
DISTRICT: 1
SHEET: 13 OF 13

NO. REVISIONS	DATE	APPROVED BY
1	2/5/20	
2		
3		
4		

DRAWING NUMBER: 19-006
PROJECT NUMBER: -
SURVEY NUMBER: 20180161
SHEET: C2 OF C25

PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (OR)	DATE	VERIFICATION, CHECKER (OR)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL	CHECKER (RP)	DATE	CHECKER (OR)	DATE	REMARK INCORPORATION	DATE
		CHANGE INCORPORATION	DATE	CHANGE INCORPORATION	DATE	ORIGINATOR VERIFICATION	DATE
						Correct (Blue Highlighter)	
						Correct (Pink Highlighter)	



		GODWIN LANE REGIONAL POND PROJECT LAYOUT	
DAVID W. FITZPATRICK, P.E., P.A. FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423 10250 N PALAFOX STREET PASADENA, FL 32534 PHONE: (850) 415-8877 FAX: (850) 476-7708			
DESIGNED BY D. FITZPATRICK	CHECKED BY JOHN ROSENBLU	REG. P.L.A. NO. 47818	DATE
DRAWN BY A. BURKETT	PROJECT NO. 20180161	DISTRICT DISTRICT 13	SIGNATURE
FIELD BOOK PAGES 	SHEET NO. C3	TOTAL SHEETS C25	


100% SUBMITTAL
PLOT DATE: 2/5/20

PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (OR)	DATE	VERIFICATION, CHECKER (OR)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL	CHECKER (RP)		Correct (Green Highlighter) Change (Red Pen X-Out to Disagree or Remark)		REMARK INCORPORATION	
		CHANGE INCORPORATION		Correct (Pink Highlighter)		ORIGINATOR VERIFICATION	

Item Number	Item	Estimated Quantity	Unit
1	Mobilization	1	LS
2	Maintenance of Traffic	1	LS
3	Clearing and Grubbing	500	SY
4	Demolition	1	LS
5	Replace Standard Mailbox	1	EA
6	Earthwork - Fill	1,250	CY
7	Regrade Ditch	1	LS
8	Regrade Regional Pond Slopes	1	LS
9	Cut & Patch Roadway	2,065	SY
10	6" Concrete Driveways	143	SY
11	Speed Humps	3	EA
12	Re-establish Pavement Markings	1	LS
13	Remove & Replace Traffic Signs	3	EA
14	Cut & Patch 1' Ribbon Curb	90	LF
15	FDOT Type-D Drop Inlet	1	EA
16	FDOT Type-C Drop Inlet	5	EA
17	4'x4' Concrte Structure Bottom	4	EA
18	5'x5' Concrete Structure Bottom	2	EA
19	42" MES	1	EA
20	24" RCP	8	LF
21	30" RCP	540	LF
22	36" RCP	1,302	LF
23	42" RCP	112	LF
24	Weir within Smart Box Structure #11	1	LS
25	Connect to Existing Storm Structure/Pipe	3	EA
26	Riprap	290	SY
27	3" PVC Sewer FM with Fittings	587	LF
28	12" Steel Casing	45	LF
29	Centipede Sod	6,000	SY
30	Silt Fence	5,000	LF
31	Haybales	250	EA
32	Remove & Replace Wire Fence	30	LF

Bid Item Notes

- 2 MOT to include but not limited to: plan preparation, signage, flagmen, variable message signs, barricades barricades, lights, etc. Detours to be provided bypassing Godwin Lane. All roads and driveways are to remain remain accessible at all times.
- 4 Demolition to include but not limited to the removal of existing driveways, stormwater pipes, inlets, MES, riprap, utilities, etc.
- 9 The long lateral patch along Godwin Lane is to be cut and patched as needed. Contractor is to minimize cutting and patching of the roadway as much as possible.
- 20/21/22/23 When installing the stormwater pipe, the contractor is to leave the trench partially open to allow the sewer forcemain and gas main to be installed in the remaining trench.
- 27 All sewer work to be performed in accordance to the latest edition of the ECUA Engineering Manual / Specifications
- 30/31 Contractor to prepare a SWPPP, attain a NPDES NOI and meet all documenting, reporting, and maintenance requirements.



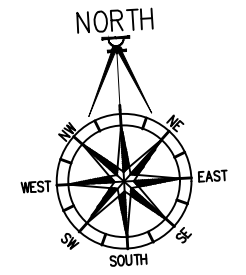
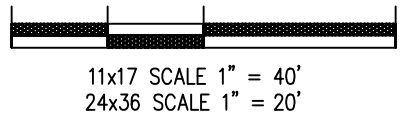
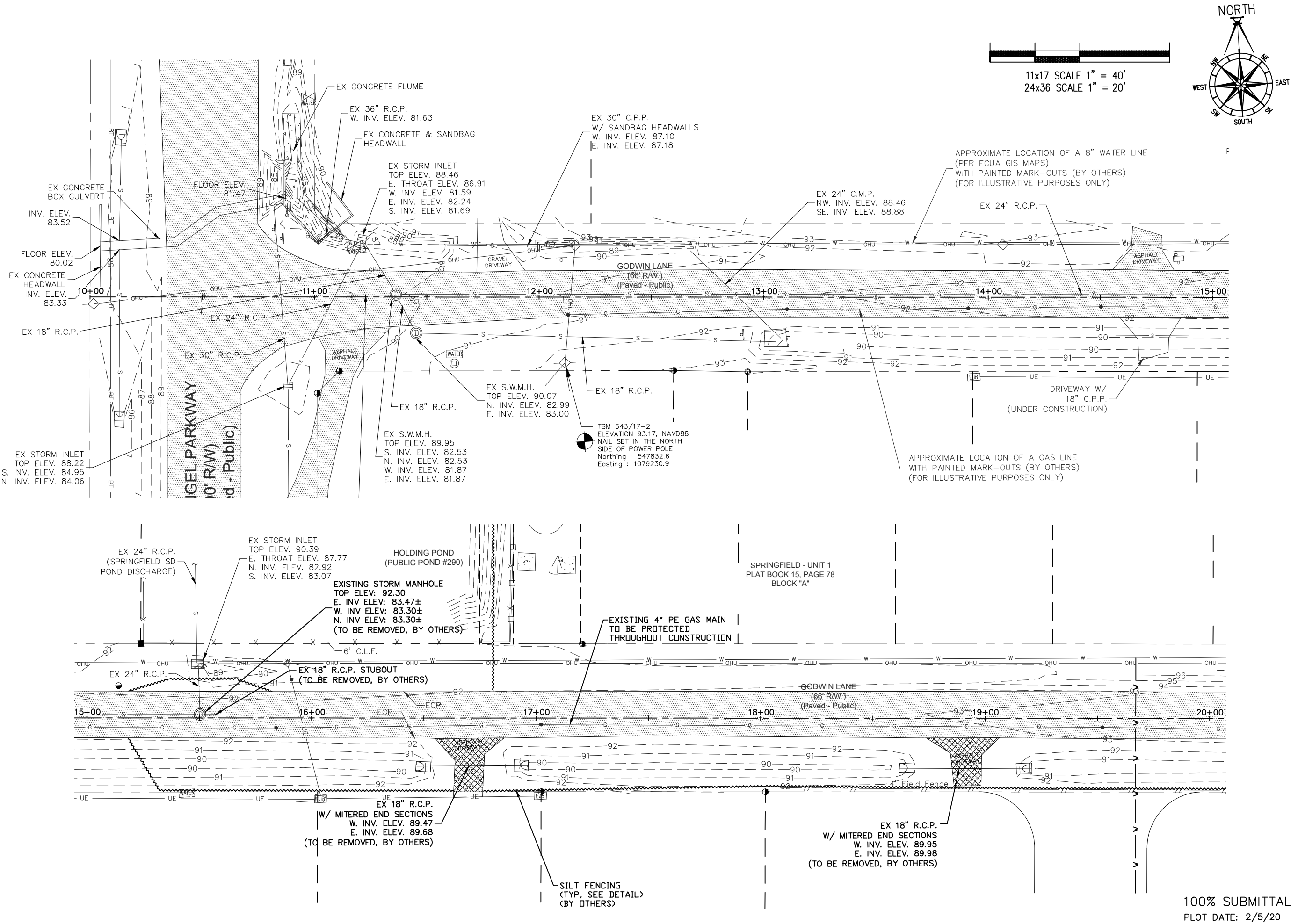
**GODWIN LANE
REGIONAL POND**

SUMMARY OF PAY ITEMS

<p>DAVID W. FITZPATRICK, P.E., P.A. FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423 10250 N PALAFOX STREET PASADENA, FL 32534 PHONE: (850) 476-8877 FAX: (850) 476-7708</p>	<p>DESIGNED BY: D. FITZPATRICK</p> <p>CHECKED BY: D. FITZPATRICK</p> <p>DATE: 2/19/19</p>	<p>REG. P.L.A. NO.: 47818</p> <p>DISTRICT: DISTRICT</p> <p>STATE OF FLORIDA REGISTERED PROFESSIONAL ENGINEER</p>																
<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NUMBER</th> <th>DATE</th> <th>APPROVED BY</th> </tr> </thead> <tbody> <tr><td>1</td><td>6/19/19</td><td></td></tr> <tr><td>2</td><td>7/9/19</td><td></td></tr> <tr><td>3</td><td>9/16/19</td><td></td></tr> <tr><td>4</td><td>2/20/20</td><td></td></tr> </tbody> </table>	NUMBER	DATE	APPROVED BY	1	6/19/19		2	7/9/19		3	9/16/19		4	2/20/20		<p>DRAWING NUMBER: 19-006</p> <p>PROJECT NUMBER: -</p> <p>SURVEY NUMBER: 20180161</p> <p>SHEET C4 OF C25</p>		
NUMBER	DATE	APPROVED BY																
1	6/19/19																	
2	7/9/19																	
3	9/16/19																	
4	2/20/20																	

100% SUBMITTAL
PLOT DATE: 2/5/20

PHASE	REVIEW	DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL	DATE	ORIGINATOR (OR)	CORRECT (Green Highlighter) Change	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
SIGNATURE:									REMARK INCORPORATION	(Blue Highlighter)	DATE
									ORIGINATOR VERIFICATION	(Pink Highlighter)	DATE



**GODWIN LANE
REGIONAL POND**



DAVID W. FITZPATRICK, P.E., P.A.
 FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423
 10250 N PALAFOX STREET
 PENSACOLA, FL 32534
 PHONE: (850) 476-8877 FAX: (850) 476-7708

DESIGNED BY: D. FITZPATRICK
 DRAWN BY: A. BERRETT
 PROJECT NO.: 20180161
 DATE: MAY 2019
 FIELD BOOK PAGES: 38, 115, 116

NO. COUNTY COMMENT REVISIONS	DATE	APPROVED BY
1	6/10/19	
2	7/19/19	
3	9/10/19	
4	10/20/19	

DRAWING NUMBER: 19-006
 PROJECT NUMBER: -
 SURVEY NUMBER: 20180161
 SHEET C5 OF C25

EXISTING CONDITIONS / DEMOLITION PLAN

100% SUBMITTAL
 PLOT DATE: 2/5/20

PHASE REVIEW SIGNATURE: _____ DATE _____

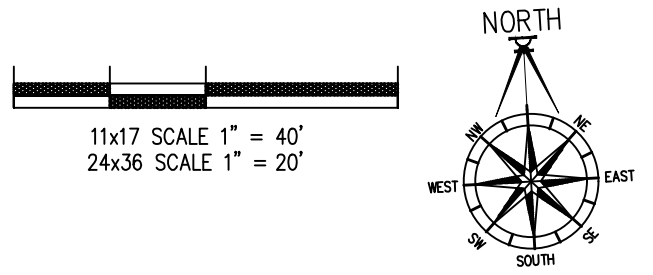
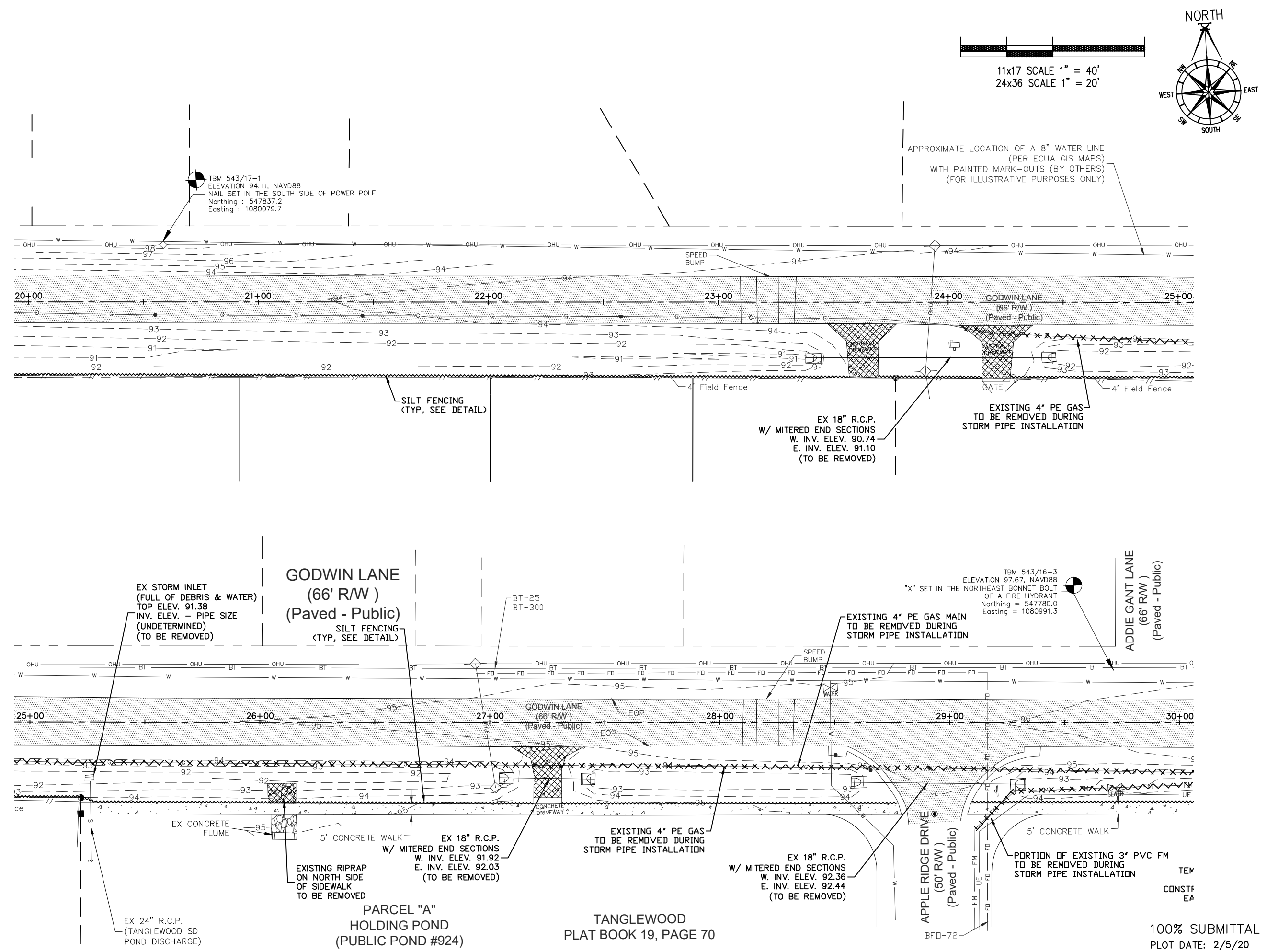
ORIGINATOR (RP) PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP) CHECKER (RP) DATE _____

ORIGINATOR (OR) CORRECT (Green Highlighter) Change (Red Pen, X-Out to Disagree or Remark) DATE _____

VERIFICATION, CHECKER (OR) (Blue Highlighter) DATE _____

REMARK INCORPORATION (Blue Highlighter) DATE _____

ORIGINATOR VERIFICATION (Correct (Pink Highlighter)) DATE _____



GODWIN LANE REGIONAL POND

EXISTING CONDITIONS / DEMOLITION PLAN



DAVID W. FITZPATRICK, P.E., P.A.
 FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423
 10250 N PALAFOX STREET
 PASADENA, FL 32535
 PHONE: (850) 476-8877 FAX: (850) 476-7708

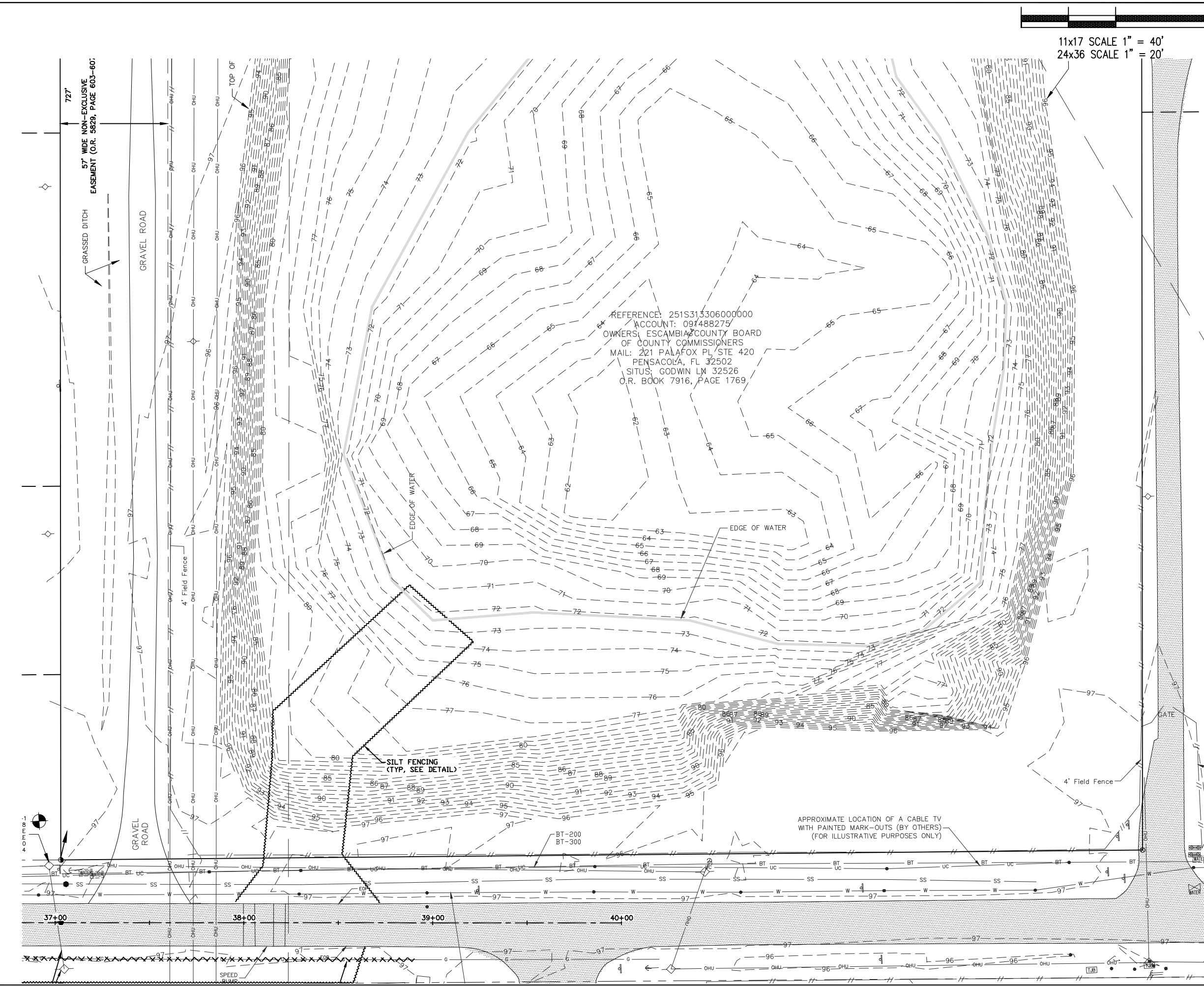
DESIGNED BY: D. FITZPATRICK
 DRAWN BY: A. BURKETT
 CHECKED BY: JOHN ROSENBAUM
 DATE: 2/5/20
 REG. P.L.A. NO.: 47818
 DISTRICT: D. FITZPATRICK

NO.	REVISION	DATE	APPROVED BY
1	50% COUNTY COMMENT REVISIONS	01/19	
2	NEW WAD RFP COMMENT REVISIONS	7/19/19	
3	POWER/MAINT/AS-BUILT/RELOCATES	9/16/19	
4	REVISED PIPE SIZES	2/5/20	

DRAWING NUMBER: 19-006
 PROJECT NUMBER: -
 SURVEY NUMBER: 20180161
 SHEET C6 OF C25

100% SUBMITTAL
 PLOT DATE: 2/5/20

PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (OR)	DATE	ORIGINATOR (OR)	DATE	ORIGINATOR (OR)	DATE
	SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL	DATE	CHECKER (RP)	DATE	CHECKER (OR)	DATE	CHECKER (OR)	DATE
		CHANGE INCORPORATION (Yellow Highlighter)		CHANGE INCORPORATION (Red Pen X-Out to Disagree or Remark)		CHANGE INCORPORATION (Green Highlighter) Change		CHANGE INCORPORATION (Blue Highlighter) Correct	
		ORIGINATOR VERIFICATION (Pink Highlighter)		ORIGINATOR VERIFICATION (Blue Highlighter)		ORIGINATOR VERIFICATION (Blue Highlighter)		ORIGINATOR VERIFICATION (Blue Highlighter)	



GODWIN LANE
REGIONAL POND

EXISTING CONDITIONS / DEMOLITION PLAN



DAVID W. FITZPATRICK, P.E., P.A.
FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423
10250 N PALAFOX STREET
PENSACOLA, FL 32535
PHONE: (850) 476-8877 FAX: (850) 476-7708

DESIGNED BY: D. FITZPATRICK
PROJECT NO.: JOHN ROSENALU DISTRICT

CHECKED BY: D. FITZPATRICK
DATE: 2/5/20

DATE: 4/7818
SIGNATURE:

NO. OF REVISIONS	DATE	APPROVED BY
1	01/09	
2	7/9/9	
3	9/6/9	
4	2/20	

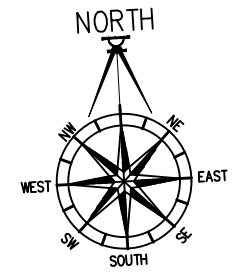
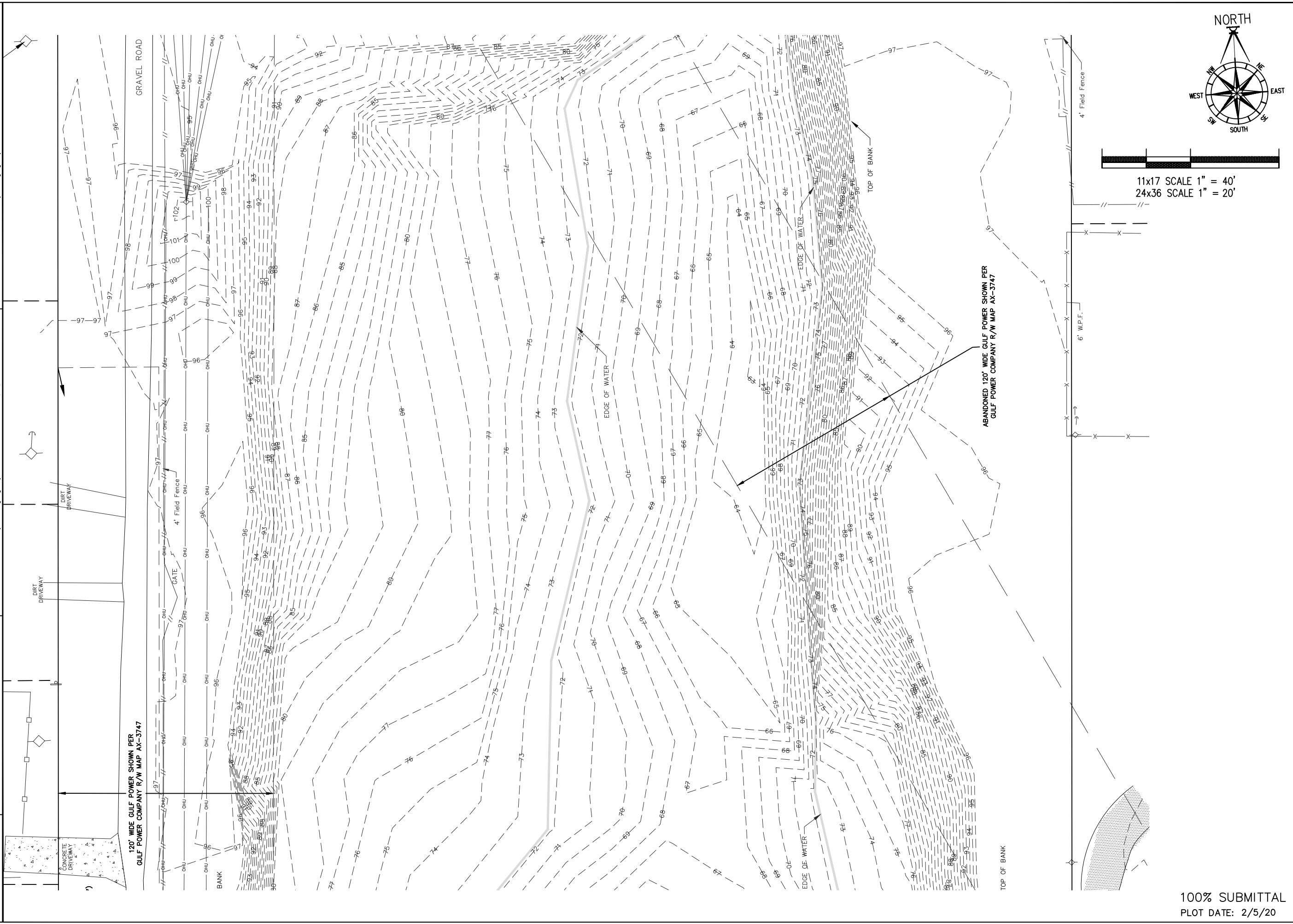
DRAWING NUMBER: 19-006

PROJECT NUMBER: -

SURVEY NUMBER: 20180161

SHEET C8 OF C25

PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (OR)	DATE	VERIFICATION, CHECKER (QR)	DATE
SIGNATURE:	CONCRETE DRIVEWAY	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL		CHECKER (RP)		REMARK INCORPORATION	
	DIRT DRIVEWAY	CHANGE INCORPORATION		CHECKER (RP)		ORIGINATOR VERIFICATION	
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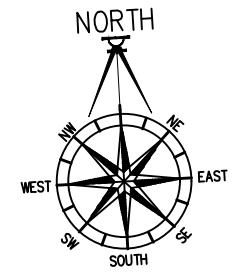
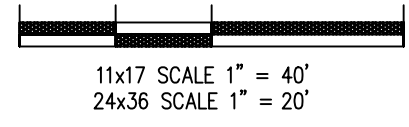
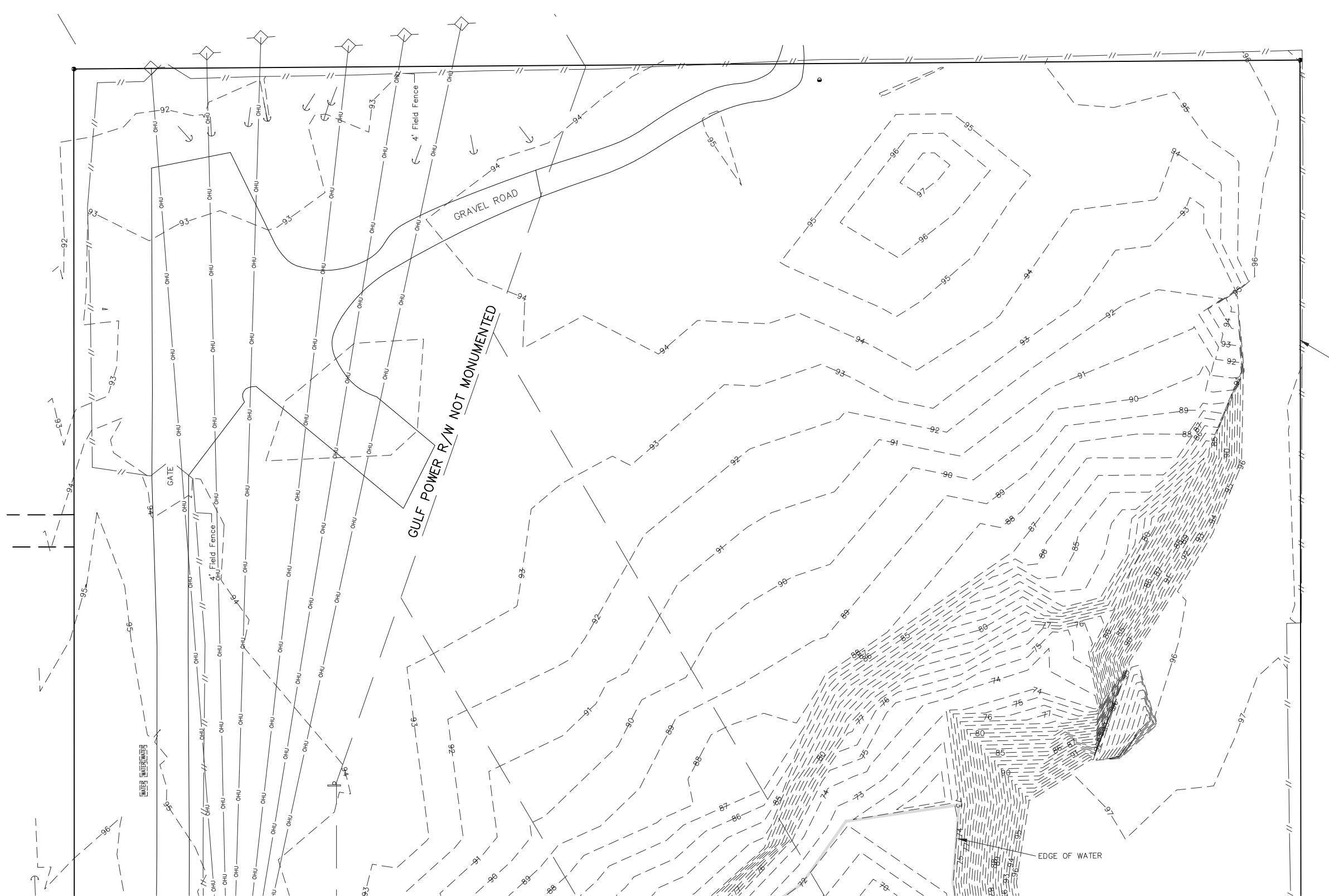


11x17 SCALE 1" = 40'
24x36 SCALE 1" = 20'

		GODWIN LANE REGIONAL POND EXISTING CONDITIONS / DEMOLITION PLAN	
DAVID W. FITZPATRICK, P.E., P.A. FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423 10250 N PALMFOX STREET PALM BEACH, FL 33433 PHONE: (850) 476-8877 FAX: (850) 476-7708			
DESIGNED BY	D. FITZPATRICK	CHECKED BY	D. FITZPATRICK
DRAWN BY	A. BERRETT	PROJECT MANAGER	JOHN ROSENBLU
DATE	04/19/2019	DISTRICT	
FIELDBOOK PAGES		SUBMITTAL / REVISIONS / RANGE	
NO. OF REVISIONS	DATE	APPROVED BY	
1	01/09		
2	7/19/19		
3	9/16/19		
4	2/20/20		
DRAWING NUMBER		19-006	
PROJECT NUMBER			
SURVEY NUMBER		20180161	
SHEET		C9 OF C25	

100% SUBMITTAL
PLOT DATE: 2/5/20

PHASE	REVIEW	DATE	ORIGINATOR (OR)	CHECKER (CP)	DATE	ORIGINATOR (OR)	CHECKER (CP)	DATE	VERIFICATION, CHECKER (OR)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL								REMARK INCORPORATION	
SIGNATURE:									ORIGINATOR VERIFICATION	



**GODWIN LANE
REGIONAL POND**

EXISTING CONDITIONS / DEMOLITION PLAN



DAVID W. FITZPATRICK, P.E., P.A.
 FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423
 10250 N PALAFOX STREET
 PASADENA, FL 32535
 PHONE: (850) 476-8877 FAX: (850) 476-7708

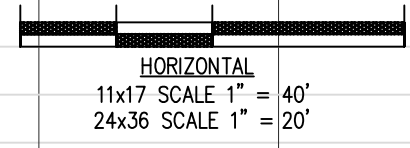
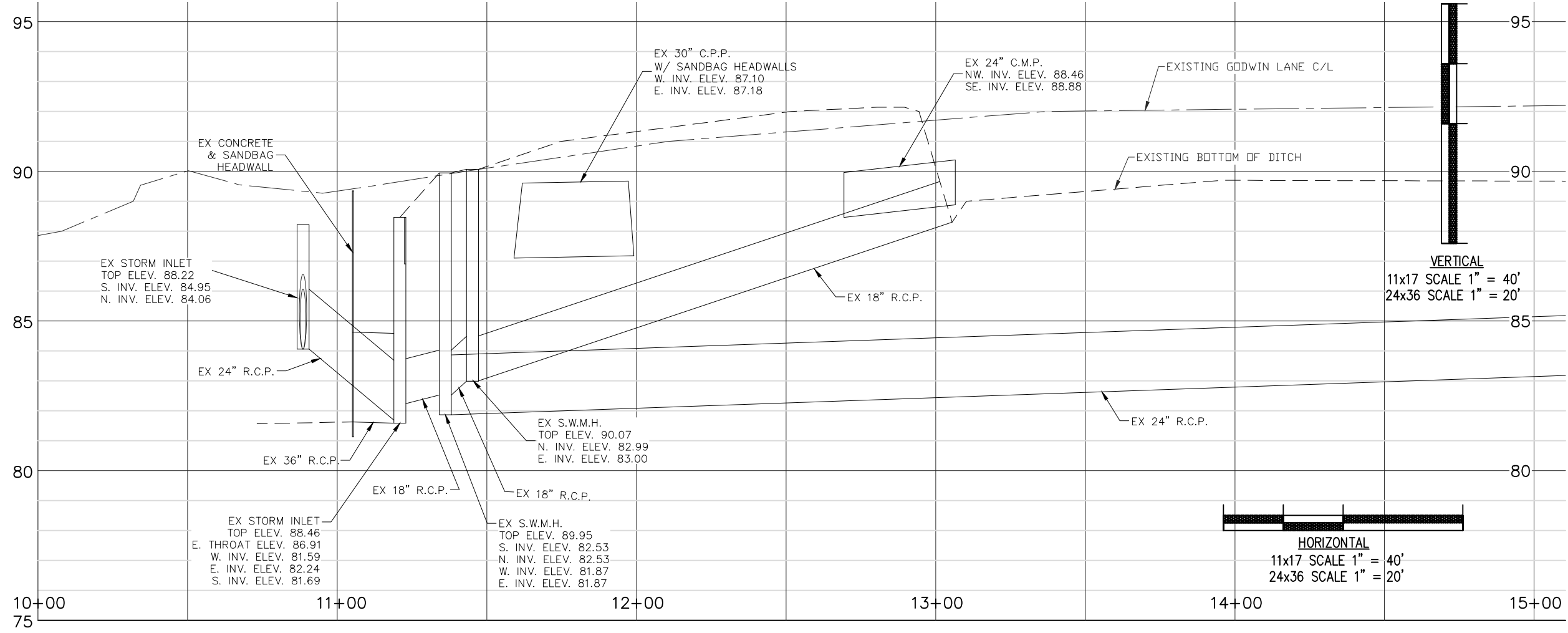
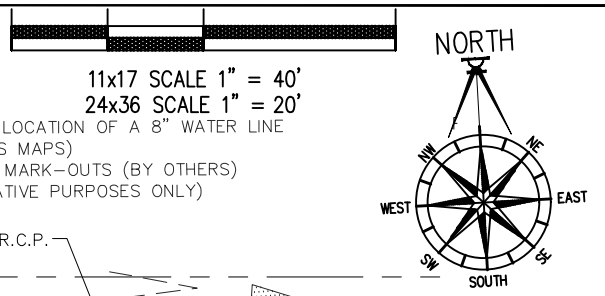
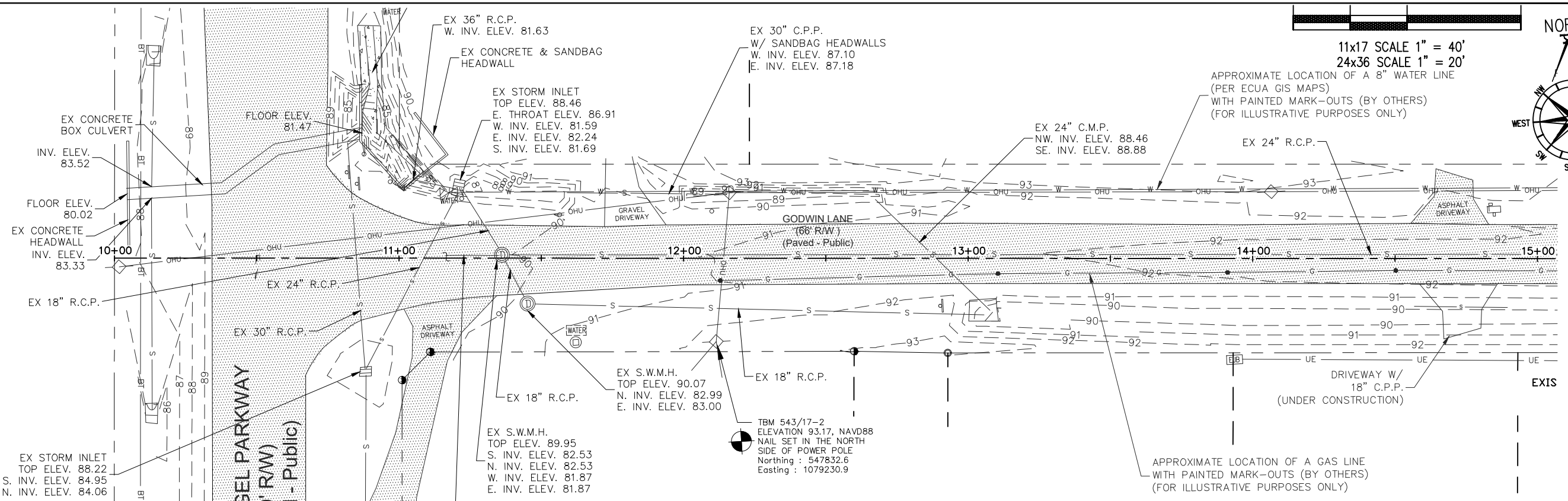
DESIGNED BY: D. FITZPATRICK
 PROJECT MANAGER: JOHN ROSENBLU
 CHECKED BY: D. FITZPATRICK
 DISTRICT: 47818
 DATE: 2/5/20
 SHEET NO.: 19-006
 TOTAL SHEETS: 25

NO.	DATE	APPROVED BY
1	02/05/20	
2	02/05/20	
3	02/05/20	
4	02/05/20	

DRAWING NUMBER: 19-006
 PROJECT NUMBER: -
 SURVEY NUMBER: 20180161
 SHEET C10 OF C25

100% SUBMITTAL
 PLOT DATE: 2/5/20

PHASE	REVIEW	DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL	DATE	ORIGINATOR (OR)	Correct (Green Highlighter) Change	DATE	VERIFICATION, CHECKER (QR)	(Blue Highlighter)	DATE	REMARK INCORPORATION	(Blue Highlighter)	DATE	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE
SIGNATURE:																	



GODWIN LANE REGIONAL POND

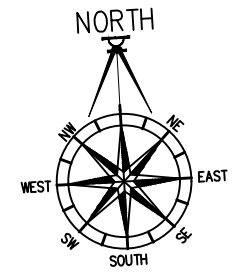
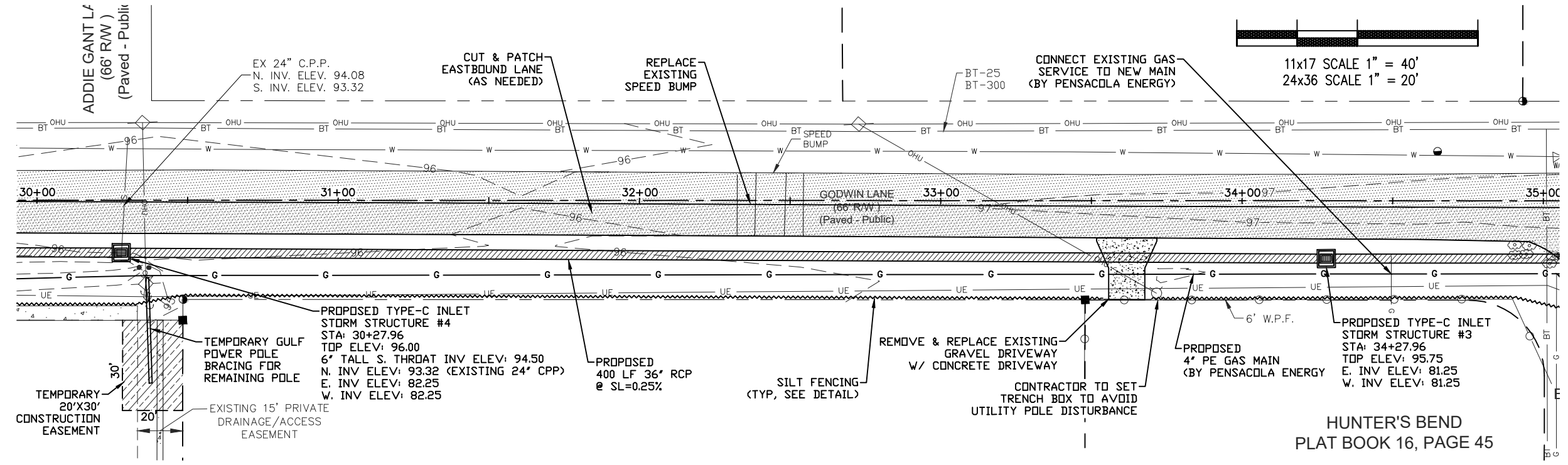
GODWIN LANE - PLAN / PROFILE

DAVID W. FITZPATRICK, P.E., P.A. FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423 10250 N PALAFOX STREET PENSACOLA, FL 32534 PHONE: (850) 478-8877 FAX: (850) 478-7708		CHECKED BY: D. FITZPATRICK PROJECT MANAGER: JOHN ROSENBAUM DATE: MAY 2019 SHEET NO.: 19-006	REG. PL. ENG. NO.: 47818 DISTRICT: 1 SHEET RANGE: 19-006
DRAWN BY: A. BURKETT DATE: MAY 2019 TELEPHONE: 384.181.111W	PROJECT NO.: 19-006 SHEET NO.: 19-006	DATE: 5/5/20 DATE: 5/5/20 DATE: 5/5/20	DATE: 5/5/20 DATE: 5/5/20 DATE: 5/5/20

100% SUBMITTAL
 PLOT DATE: 2/5/20

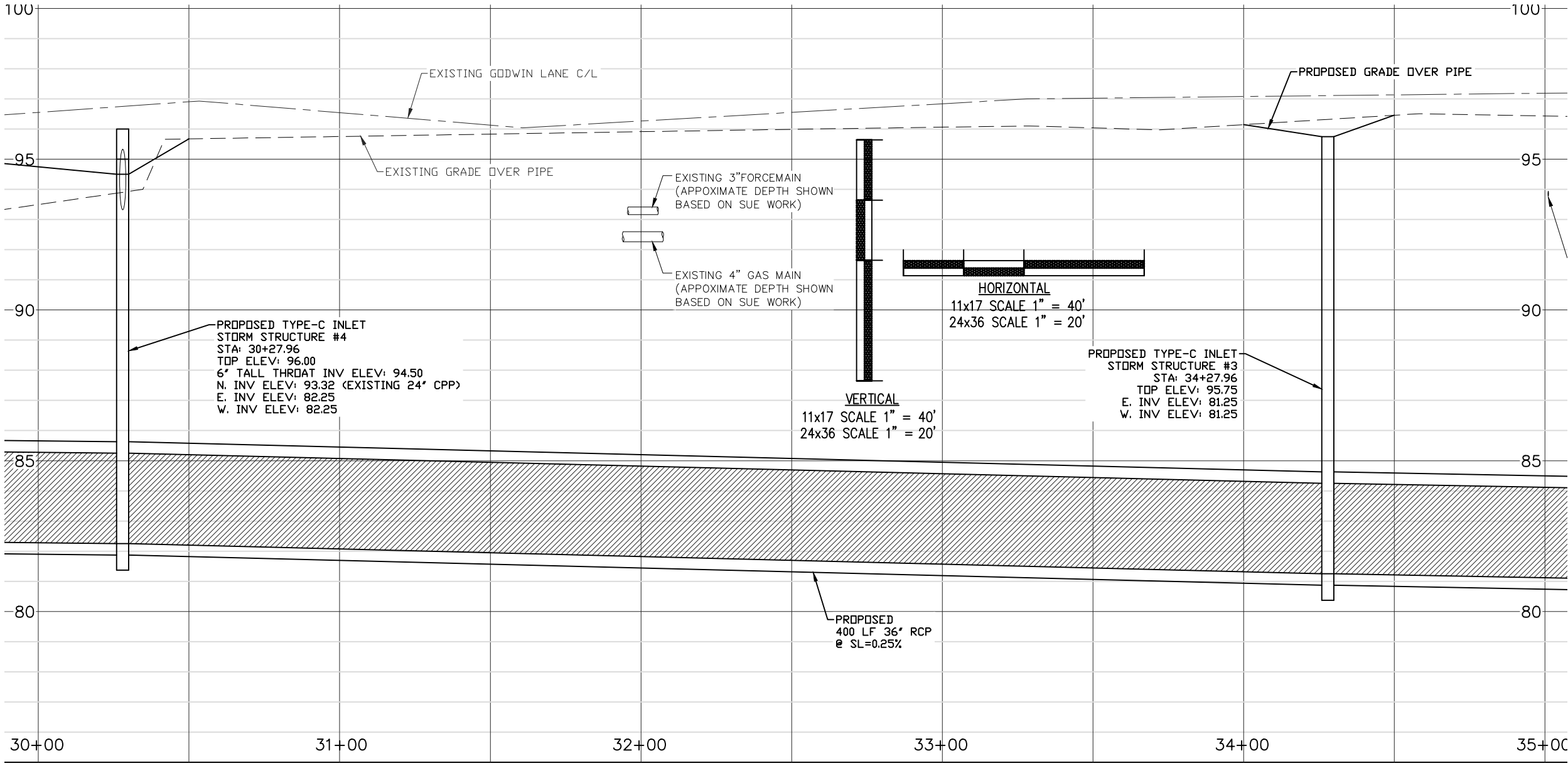
SHEET **C11** OF **C25**

PHASE REVIEW DATE ORIGINATOR (RP) PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP) CHECKER (RP) CHANGE INCORPORATION (Yellow Highlighter) ORIGINATOR (OR) CORRECT (Green Highlighter) Change DATE DATE DATE VERIFICATION, CHECKER (OR) (Blue Highlighter) REMARK INCORPORATION (Blue Highlighter) CORRECT (Pink Highlighter) ORIGINATOR VERIFICATION DATE DATE DATE



11x17 SCALE 1" = 40'
24x36 SCALE 1" = 20'

HUNTER'S BEND
PLAT BOOK 16, PAGE 45



HORIZONTAL
11x17 SCALE 1" = 40'
24x36 SCALE 1" = 20'

VERTICAL
11x17 SCALE 1" = 40'
24x36 SCALE 1" = 20'

GODWIN LANE
REGIONAL POND

PLAN / PROFILE



DAVID W. FITZPATRICK, P.E., P.A.
FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423
10250 N PALAFOX STREET
PENSACOLA, FL 32538
PHONE: (850) 476-8877 FAX: (850) 476-7708

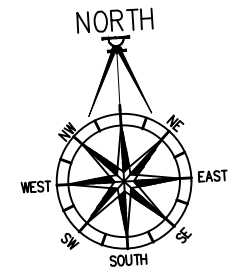
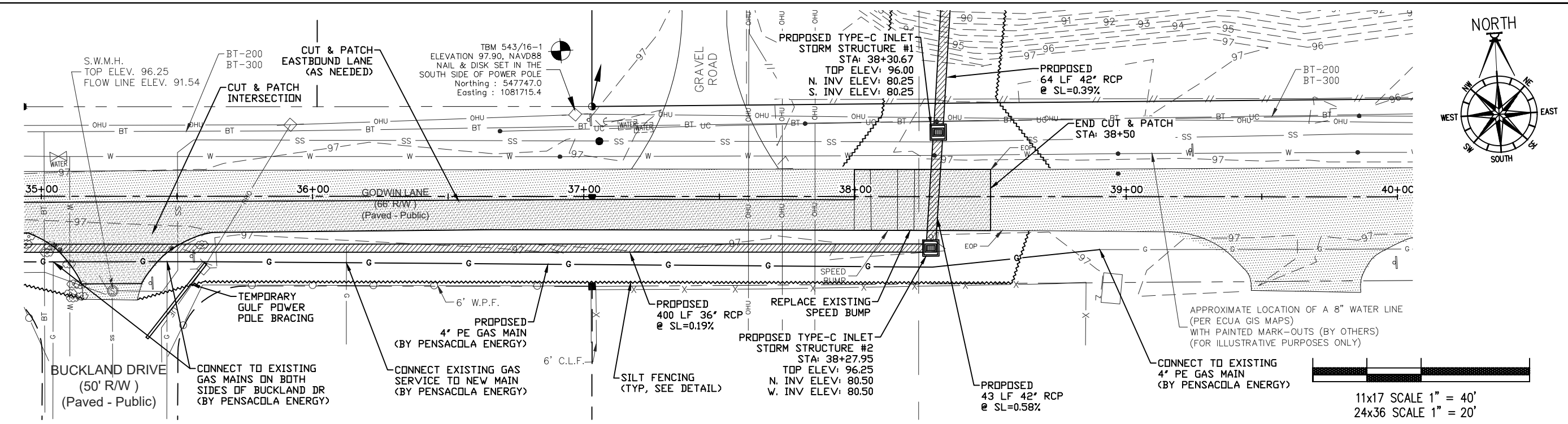
DESIGNED BY D. FITZPATRICK	CHECKED BY JOHN ROSENKALU	DISTRICT DISTRICT	REG. P.L.A. NO. 47818	DATE
DRAWN BY A. BERRETT	PROJECT NO. 20180161	SHEET NO. 15	TITLEBLOCK PAGES 18 OF 131W	

NO.	REVISIONS	DATE	APPROVED BY
1	50% COUNTY COMMENT REVISIONS	6/10/19	
2	47% WAB FOR COMMENT REVISIONS	7/19/19	
3	FOR WAB & GAS MAIN RELEASES	9/10/19	
4	REVISED PIPE SIZES	2/20/20	

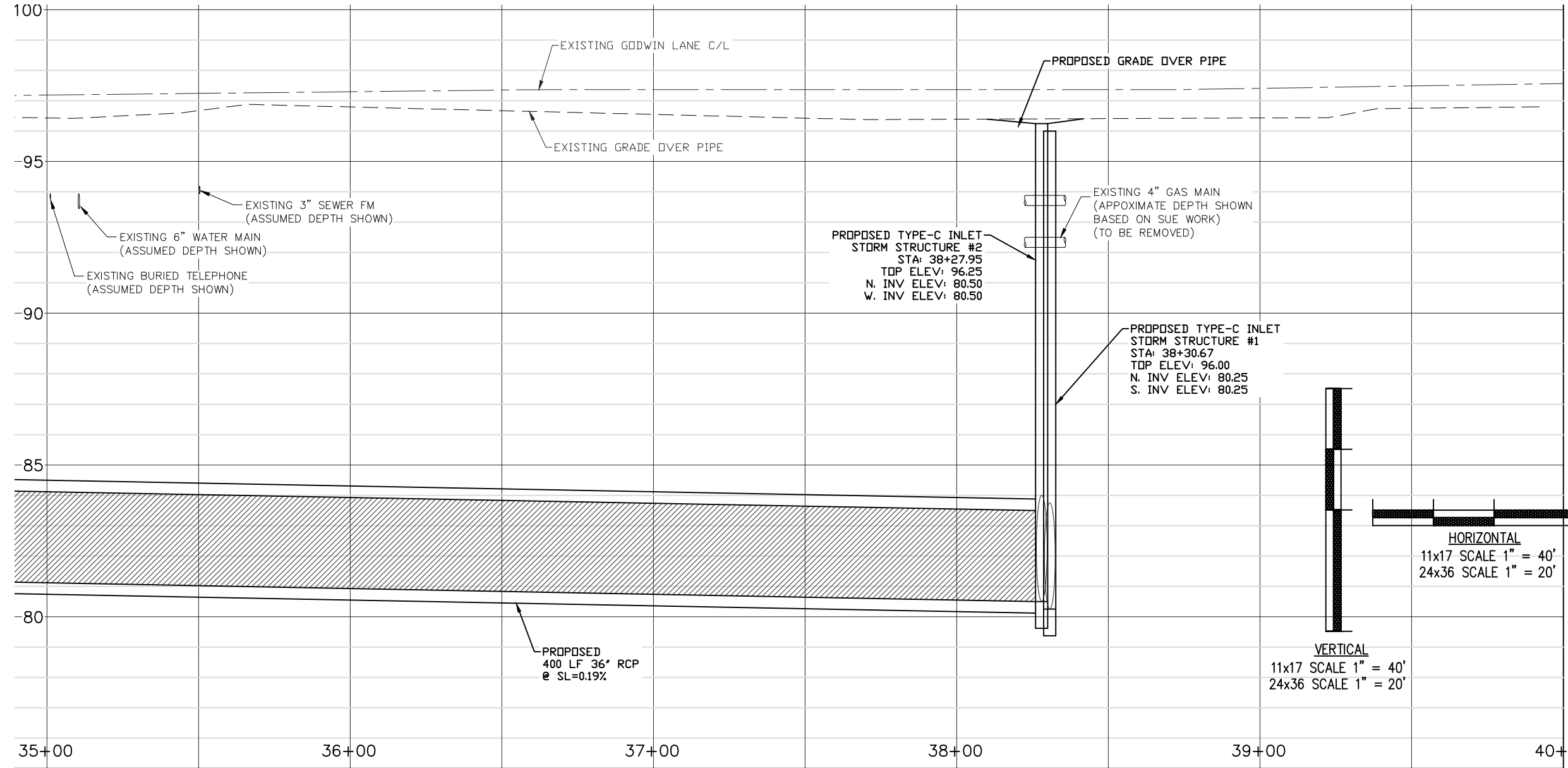
DRAWING NUMBER 19-006
PROJECT NUMBER -
SURVEY NUMBER 20180161
SHEET C15 OF C25

100% SUBMITTAL
PLOT DATE: 2/5/20

PHASE	REVIEW	DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	CHECKER (RP)	DATE	ORIGINATOR (OR)	Correct (Green Highlighter) Change	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE	REMARK INCORPORATION	(Blue Highlighter)	DATE	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE
SIGNATURE:																		



11x17 SCALE 1" = 40'
24x36 SCALE 1" = 20'



HORIZONTAL
11x17 SCALE 1" = 40'
24x36 SCALE 1" = 20'

VERTICAL
11x17 SCALE 1" = 40'
24x36 SCALE 1" = 20'



DAVID W. FITZPATRICK, P.E., P.A.
FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423
10250 N PALMFOX STREET
PENSACOLA, FL 32534
PHONE: (850) 478-8877 FAX: (850) 476-7708
DESIGNED BY: D. FITZPATRICK
CHECKED BY: JOHN ROSENBLU
DATE: 04/11/2019
PROJECT NO.: 20180161
SHEET NO.: 16 OF 25

NO.	DATE	APPROVED BY
1	01/19	
2	7/19/19	
3	9/16/19	
4	2/20	

REVISIONS

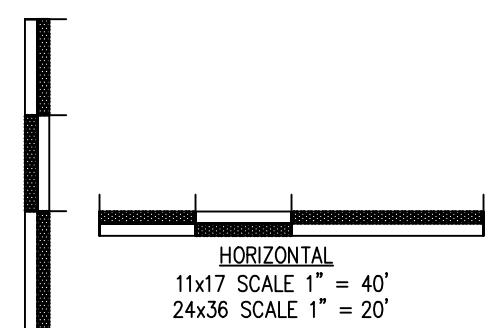
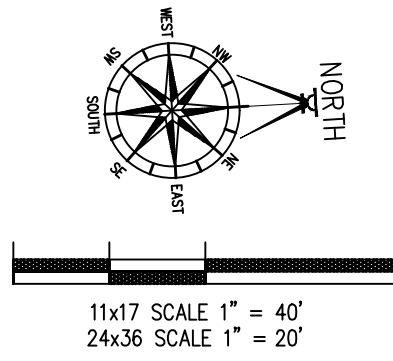
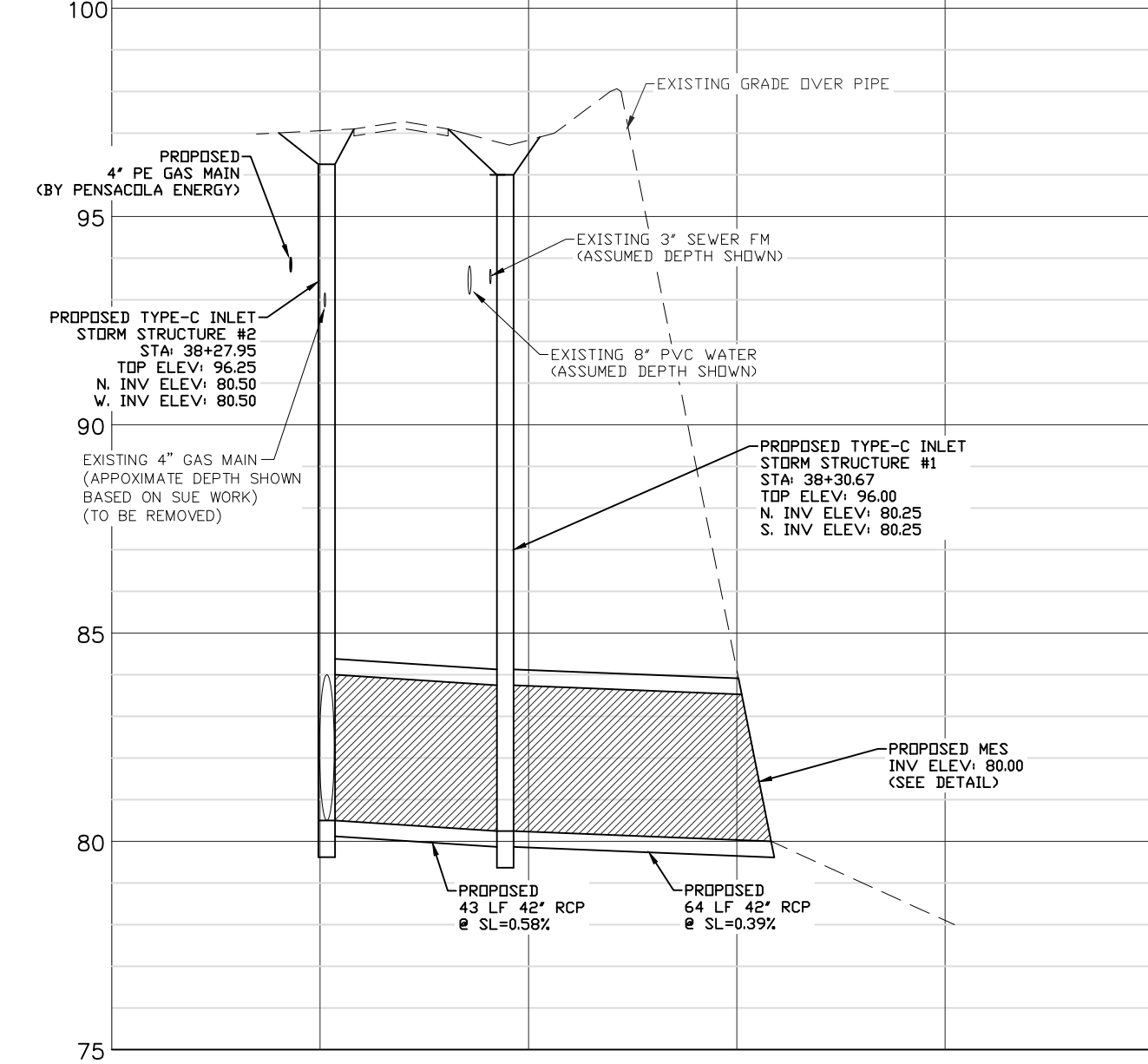
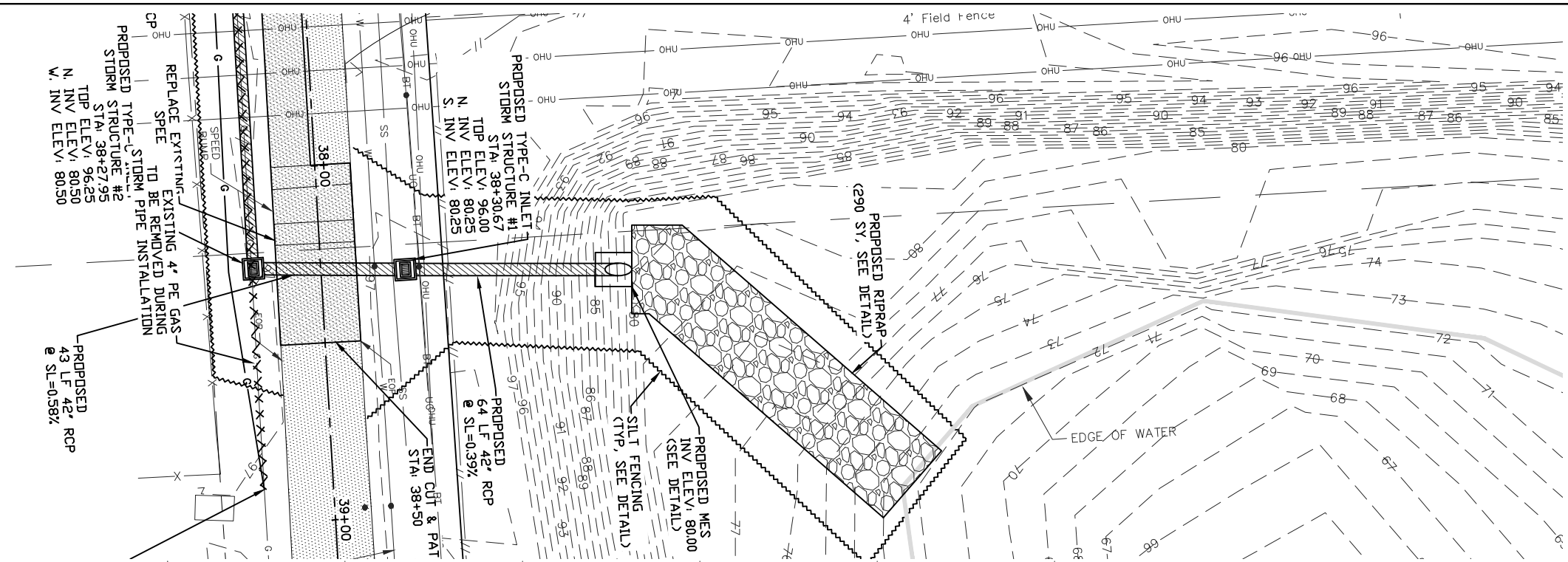
NO.	DATE	REVISIONS
1	01/19	30% COUNTY COMMENT REVISIONS
2	7/19/19	NEW WAD FOR COMMENT REVISIONS
3	9/16/19	FOR WAD AND GAS MAIN RELOCATES
4	2/20	REVISED PIPE SIZES

DRAWING NUMBER: 19-006
PROJECT NUMBER: -
SURVEY NUMBER: 20180161
SHEET: C16 OF C25


GODWIN LANE
REGIONAL POND
GODWIN LANE - PLAN / PROFILE

100% SUBMITTAL
PLOT DATE: 2/5/20

PHASE	REVIEW	DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	CHECKER (RP)	DATE	ORIGINATOR (OR)	Correct (Green Highlighter) Change (Red Pen, X-Out to Disagree or Remark)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
SIGNATURE:										REMARK INCORPORATION	(Blue Highlighter)	DATE
										ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE



VERTICAL
 11x17 SCALE 1" = 40'
 24x36 SCALE 1" = 20'



GODWIN LANE REGIONAL POND

REGIONAL POND - PLAN / PROFILE

DAVID W. FITZPATRICK, P.E., P.A.
 FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423
 10250 N PALAFOX STREET
 PASADENA, FL 32534
 PHONE: (850) 476-8877 FAX: (850) 476-7708

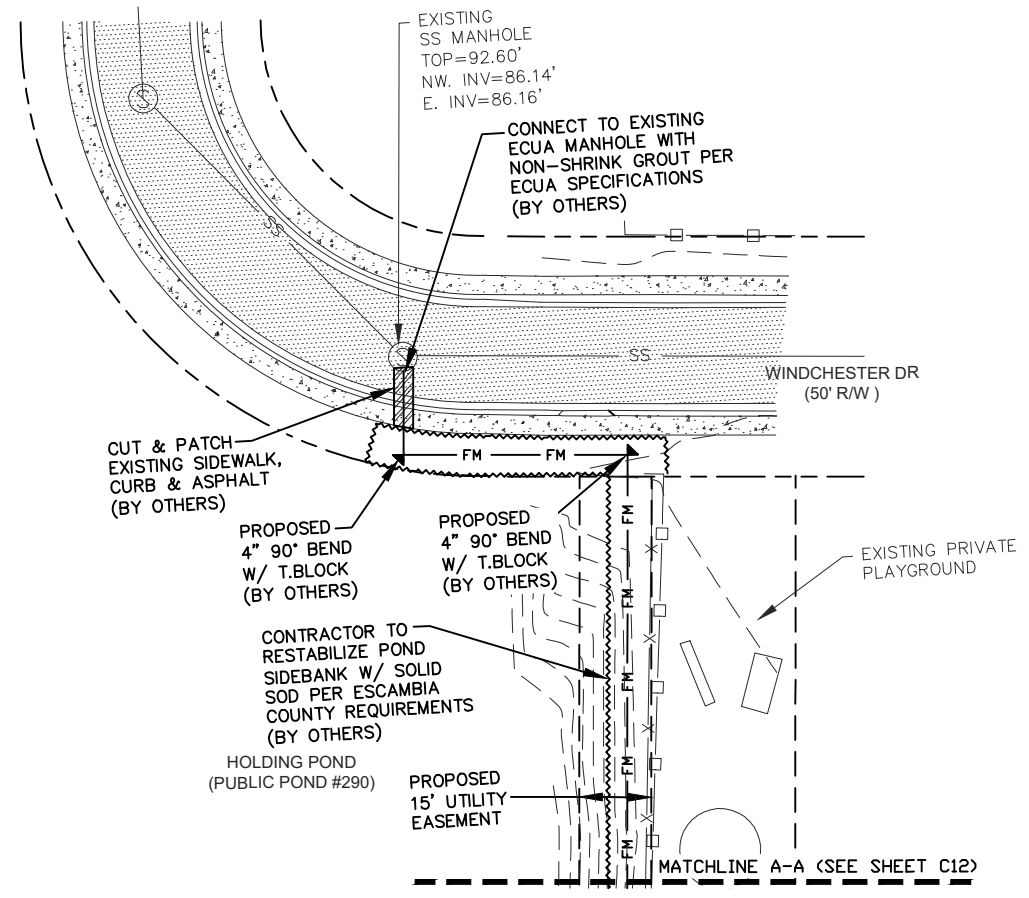
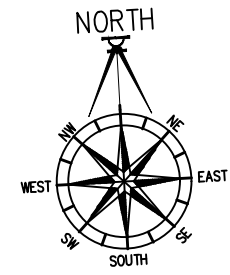
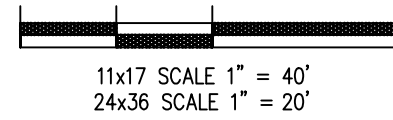
DESIGNED BY D. FITZPATRICK	CHECKED BY D. FITZPATRICK	REG. P.L.A. NO. 47818	DATE
DRAWN BY A. BERRETT	PROJECT MANAGER JOHN ROSENBLU	DISTRICT	SIGNATURE
SHEET NO. / TOTAL SHEETS 18 / 15 (11W)		SHEET TITLE / RANGE	

NO. COUNTY COMMENT REVISIONS	DATE	APPROVED BY
1	6/10/19	
2	7/19/19	
3	9/16/19	
4	2/20	

DRAWING NUMBER: 19-006
 PROJECT NUMBER: -
 SURVEY NUMBER: 20180161
 SHEET C17 OF C25

100% SUBMITTAL
 PLOT DATE: 2/5/20

PHASE	REVIEW	DATE	ORIGINATOR (OR)	CHECKER (RP)	DATE	VERIFICATION, CHECKER (OR)	DATE
	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL					REMARK INCORPORATION	
SIGNATURE:						ORIGINATOR VERIFICATION	



GODWIN LANE
REGIONAL POND
SPRINGFIELD SEWER



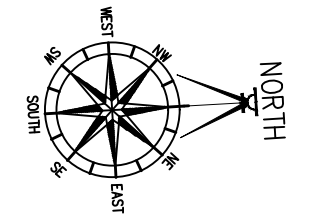
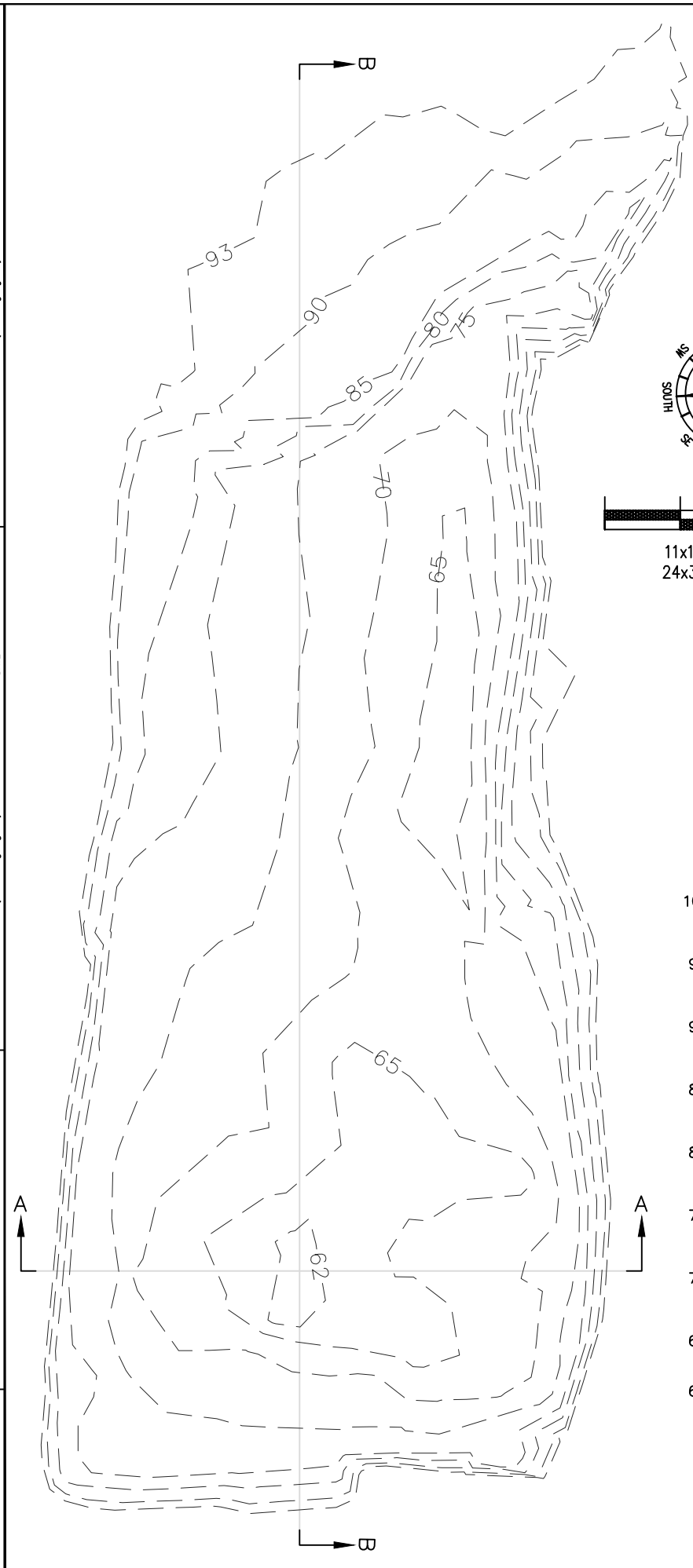
DAVID W. FITZPATRICK, P.E., P.A.
FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423
10250 N PALAFOX STREET
PENSACOLA, FL 32504
PHONE: (850) 476-8877 FAX: (850) 476-7708
DESIGNED BY: D. FITZPATRICK
DRAWN BY: A. BERRETT
DATE: 2/5/20
PROJECT NO.: 19-006
DISTRICT: JOHN ROSENBLU
SIGNATURE: [Signature]
REG. P.L. NO.: 47818
BRANCH: [Blank]

REVISION NUMBER	REVISIONS	DATE	APPROVED BY
1	50% COUNTY COMMENT REVISIONS	2/5/20	
2	REVISED PER COMMENT REVISIONS	2/5/20	
3	FORWARD AS SHOWN REVISIONS	2/5/20	
4	REVISED PIPE SIZES	2/5/20	

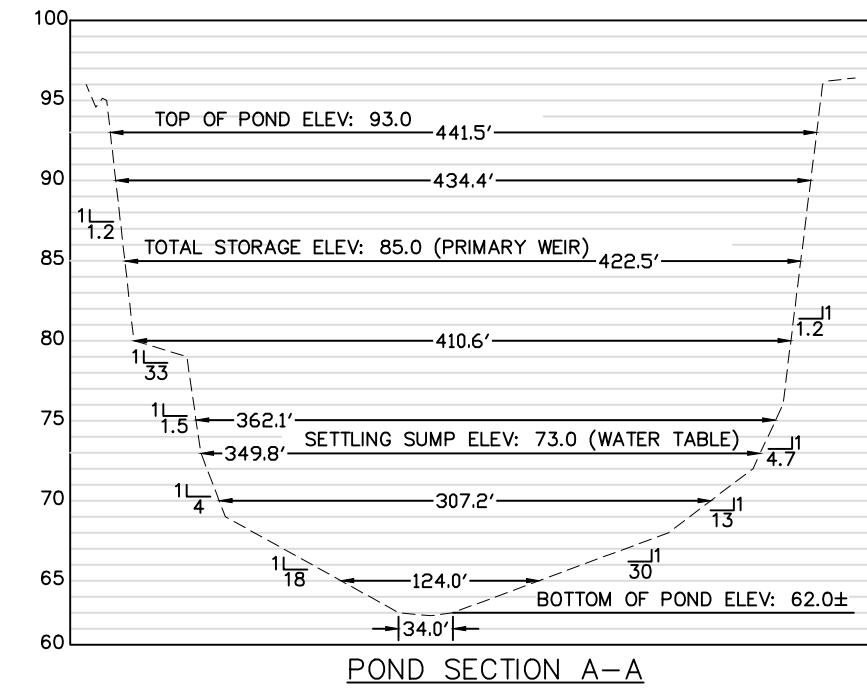
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PROJECT NUMBER: -
SURVEY NUMBER: 20180161
SHEET C18 OF C25

100% SUBMITTAL
PLOT DATE: 2/5/20

PHASE	REVIEW	DATE	ORIGINATOR (RP)	ORIGINATOR (OR)	ORIGINATOR (GR)	VERIFICATION, CHECKER (GR)	DATE
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL		CHECKER (RP)	CHECKER (OR)	CHECKER (GR)	REMARK INCORPORATION	DATE
	CHANGE INCORPORATION		CHANGE INCORPORATION	CHANGE INCORPORATION	CHANGE INCORPORATION	ORIGINATOR VERIFICATION	DATE



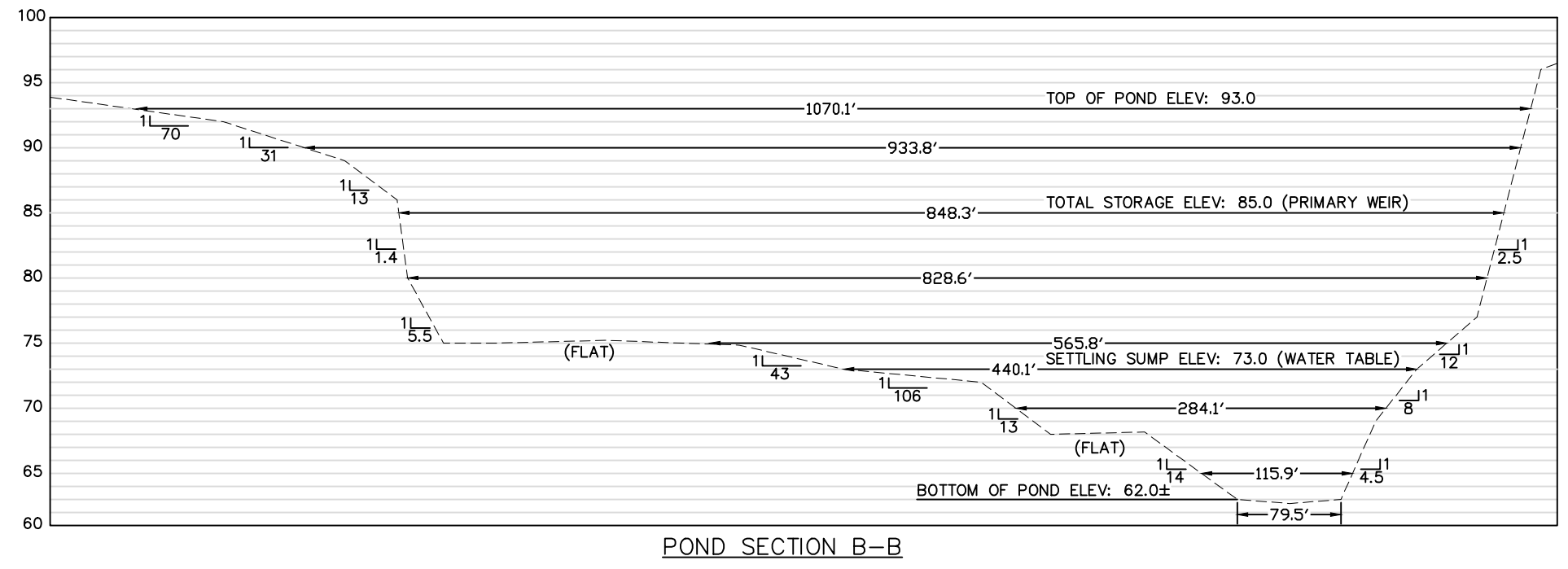
11x17 SCALE 1" = 120'
24x36 SCALE 1" = 60'



VERTICAL
11x17 SCALE 1" = 120'
24x36 SCALE 1" = 60'

HORIZONTAL
11x17 SCALE 1" = 120'
24x36 SCALE 1" = 60'

NOTE: OUTSIDE OF THE PROPOSED INLET PIPE AND RIPRAP, NO DISTURBANCE IS TO TAKE PLACE WITHIN THE POND. THE POND SIDE SLOPES ARE TO REMAIN NATURAL



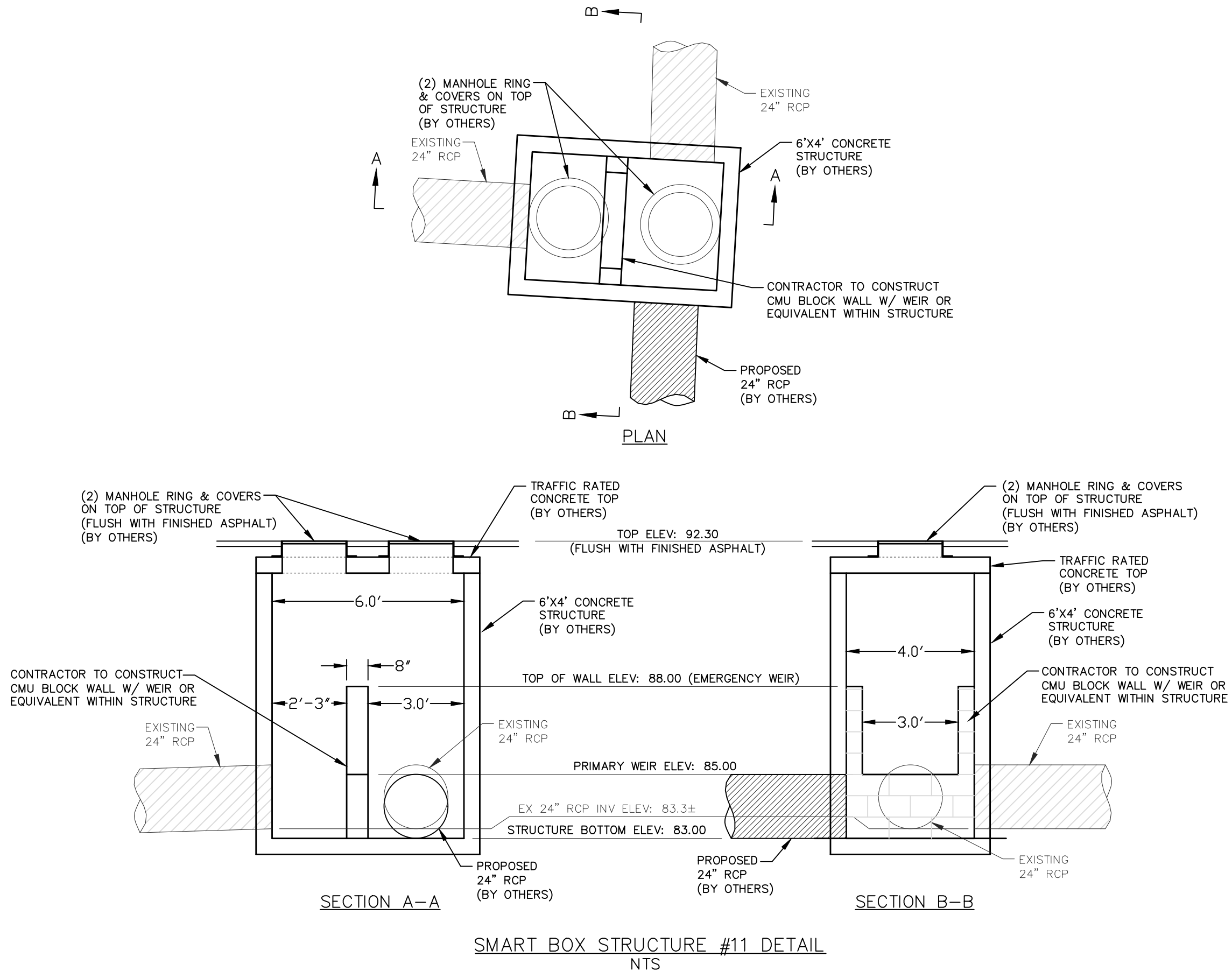
GODWIN LANE REGIONAL POND

DAVID W. FITZPATRICK, P.E., P.A.
FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423
10250 N PALAFOX STREET
PASADENA, FL 32534
PHONE: (850) 476-8877 FAX: (850) 476-7708

DESIGNED BY D. FITZPATRICK	CHECKED BY D. FITZPATRICK	DATE MAY 2019	PROJECT NO. 20180161
DRAWN BY A. BERRETT	PROJECT NO. 20180161	DISTRICT JOHN ROSENALU	SHEET NO. 19-006
DATE MAY 2019	PROJECT NO. 20180161	SECTION / TOWNSHIP / RANGE 38.1 S. / 11 W.	SHEET NO. C19 OF C25

100% SUBMITTAL
PLOT DATE: 2/5/20

PHASE	REVIEW	DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	ORIGINATOR (OR)	Correct (Green Highlighter) Change (Red Pen X-Out to Disagree or Remark)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
SIGNATURE:									REMARK INCORPORATION	(Blue Highlighter)	DATE
									ORIGINATOR VERIFICATION	(Pink Highlighter)	DATE



GODWIN LANE REGIONAL POND

DETAILS

DAVID W. FITZPATRICK, P.E., P.A.
 FBPE CERTIFICATE OF AUTHORIZATION NO. 00008423
 10250 N PALAFOX STREET
 PASADENA, FL 32534
 PHONE: (850) 476-8877 FAX: (850) 476-7708

DESIGNED BY	D. FITZPATRICK	CHECKED BY	D. FITZPATRICK
DRAWN BY	A. BERRETT	PROJECT NO.	20180161
DATE	2/5/20	DISTRICT	13
FIELDWORK PAGES	18	SUBMITTAL RANGE	18-19






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2	2/5/20	
3	2/5/20	
4	2/5/20	

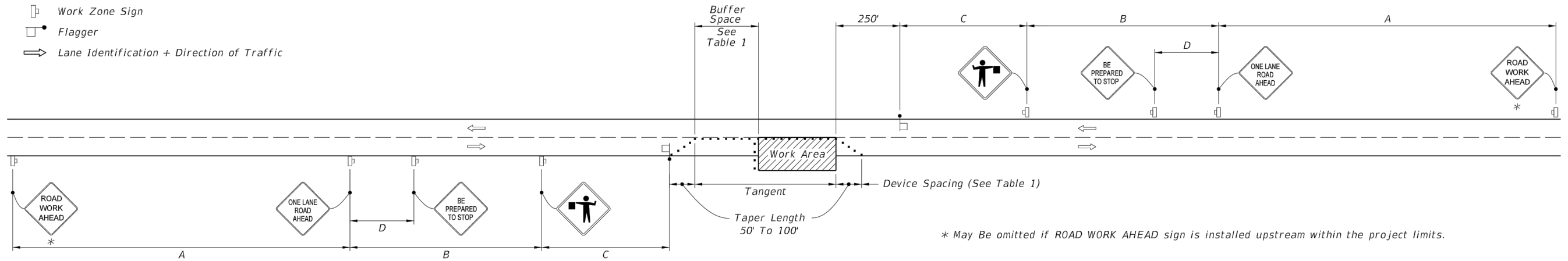
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 PROJECT NUMBER: -
 SURVEY NUMBER: 20180161
 SHEET C21 OF C25

100% SUBMITTAL
 PLOT DATE: 2/5/20

PHASE REVIEW SIGNATURE: DATE VERIFICATION, CHECKER (OR) (Blue Highlighter) REMARK INCORPORATION (Blue Highlighter) ORIGINATOR VERIFICATION (Correct (Pink Highlighter))

SYMBOLS:

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



* May Be omitted if ROAD WORK AHEAD sign is installed upstream within the project limits.

WITHOUT TEMPORARY RAISED RUMBLE STRIPS


GENERAL NOTES:

1. Special Conditions may be required in accordance with these notes and the following sheets:
 - A. 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 3.
 - 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.
 - B. If the Work Area encroaches on the Centerline, use the Layout for Temporary Lane Shift to Shoulder on Sheet 3 only if the Existing Paved Shoulder width is sufficient to provide for an 11' lane between the Work Area and the Edge of Existing Paved Shoulder. Reduce the posted speed when appropriate.
2. Temporary Raised Rumble Strips:
 - A. Use when both of the following conditions are met concurrently:
 - a. Existing Posted Speed is 55 mph or greater;
 - b. Work duration is greater than 60 minutes.
 - B. Use a consistent Strip color throughout the work zone.
 - C. Place each Rumble Strip Set transversely across the lane at locations shown.
 - D. Use Option 1 or Option 2 as shown on Sheet 2. Use only one option throughout work zone.
3. 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.
4. When a side road intersects the highway within the TTC zone, place additional TTC devices in accordance with other applicable TCZ Indexes.
5. The two channelizing devices directly in front of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
6. When Buffer Space cannot be attained due to geometric constraints, use the greatest attainable length, not less than 200 ft, for posted speeds greater than 25 mph.
7. ROAD WORK AHEAD and the BE PREPARED TO STOP signs may be omitted if all of the following conditions are met:
 - A. Work operations are 60 minutes or less.
 - B. Speed limit is 45 mph or less.
 - C. There are no sight obstructions to vehicles approaching the work area for a distance equal to the Buffer Space shown in Table 1.
 - D. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
 - E. Volume and complexity of the roadway has been considered.
 - F. If a railroad crossing is present, vehicles will not queue across rail tracks.
 - G. AFADs are not in use.
8. See Index 102-600 for general TCZ requirements and additional information.
9. Automated Flagger Assistance Devices (AFADs) may be used in accordance with Specifications Section 102, 990 and the APL vendor drawings.

Posted Speed	Maximum Spacing of Cones or Tubular Markers				Maximum Spacing of Type I or Type II Barricades/Panels/Drums				Distance Between Signs	Buffer Space
	On a Taper		On a Tangent		On a Taper		On a Tangent			
	A	B	C	D	A	B	C	D		
25	20'	50'	20'	50'	200'	200'	200'	100'	155'	
30	20'	50'	20'	50'	200'	200'	200'	100'	200'	
35	20'	50'	20'	50'	200'	200'	200'	100'	250'	
40	20'	50'	20'	50'	200'	200'	200'	100'	305'	
45	20'	50'	20'	50'	350'	350'	350'	175'	360'	
50	20'	50'	20'	100'	500'	500'	500'	250'	425'	
55	20'	50'	20'	100'	2640'	1500'	1000'	500'	495'	
60	20'	50'	20'	100'	2640'	1500'	1000'	500'	570'	
65	20'	50'	20'	100'	2640'	1500'	1000'	500'	645'	
70	20'	50'	20'	100'	2640'	1500'	1000'	500'	730'	

CONDITIONS
WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA BETWEEN THE CENTERLINE AND A LINE 2' OUTSIDE THE EDGE OF TRAVEL WAY.

LAST REVISION 11/01/17	DESCRIPTION:	 FY 2019-20 STANDARD PLANS	TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY	INDEX 102-603	SHEET 1 of 3
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100% SUBMITTAL
PLOT DATE: 2/5/20

GODWIN LANE
REGIONAL POND
MOT



DAVID W. FITZPATRICK, P.E., P.A.
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PALM BEACH, FL 33433
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DRAWN BY: A. BERRETT
DATE: 2/5/2019
PROJECT NUMBER: 19-006
SHEET NUMBER: C25 OF C25

REVISIONS	DATE	APPROVED BY
1	01/19	
2	7/19/19	
3	2/16/19	
4	2/20	