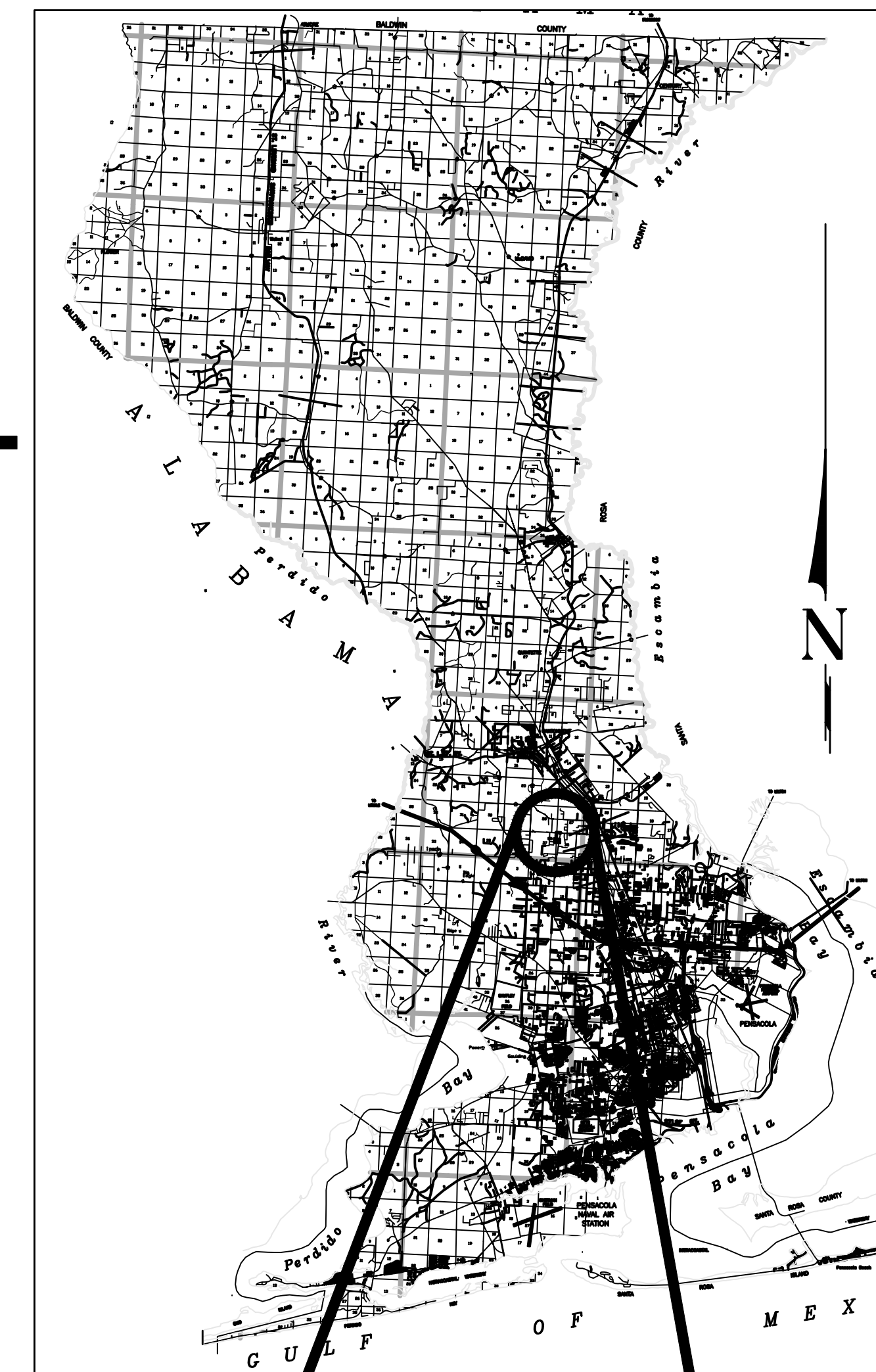


**BOARD OF COUNTY COMMISSIONERS
 ESCAMBIA COUNTY, FLORIDA
 PUBLIC WORKS DEPARTMENT
 ENGINEERING / INFRASTRUCTURE DIVISION**



INDEX OF PLANS

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**PLANS PROPOSED FOR
 CROCKETT STREET
 DRAINAGE IMPROVEMENTS
 PHASE II**

STORMWATER DRAINAGE

**ISSUED FOR BID
 FEBRUARY 2020**

CONSULTANT PROJECT NO.

MM PROJECT NO. - 333166

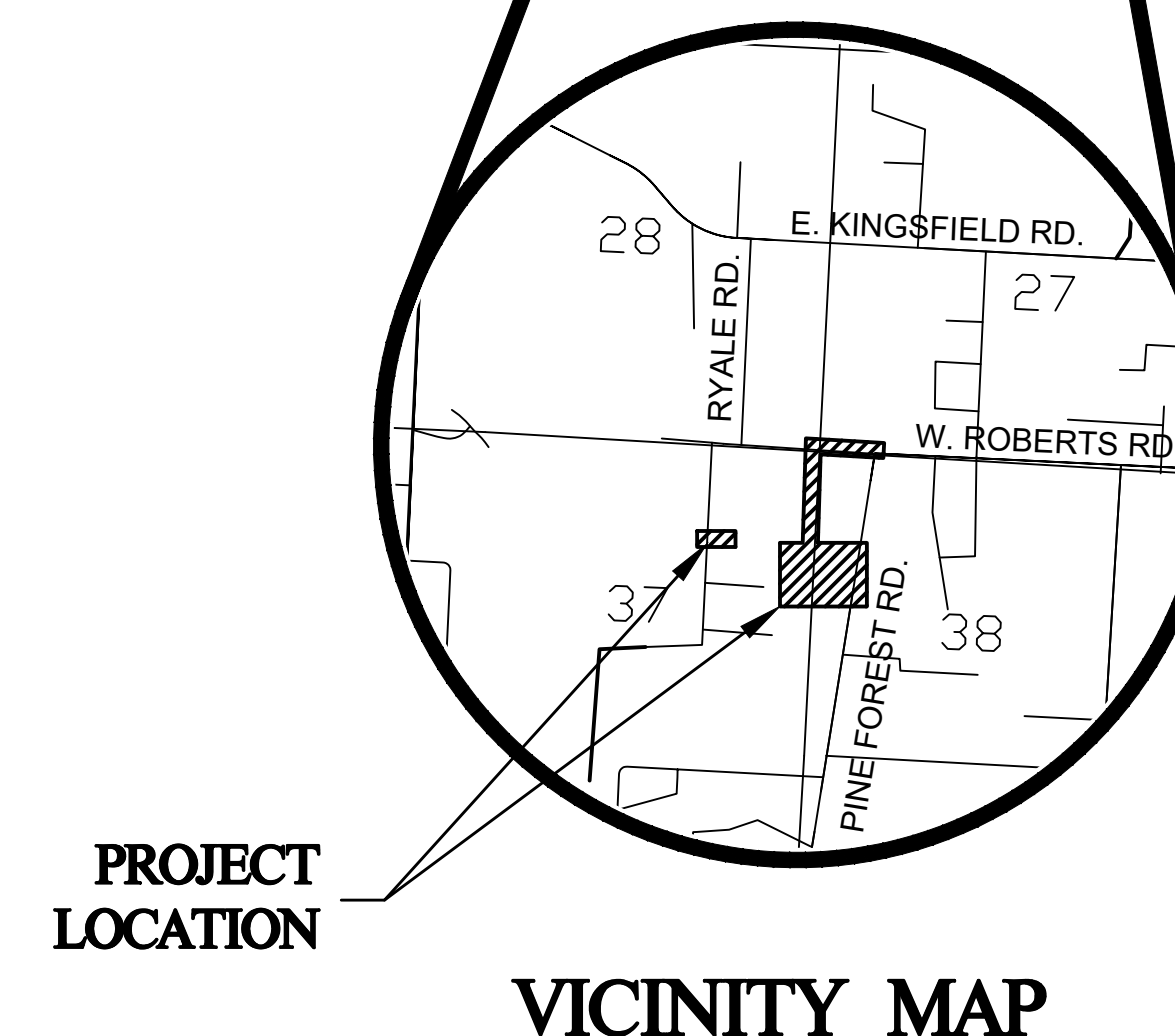
M	Mott MacDonald 220 West Garden Street Suite 700 Pensacola, FL 32502 United States of America T +1 (850) 484 6011 www.mottmac.com/americas
	M
MOTT MACDONALD	
Architects Engineers Surveyors AA - C0000035 EB - 0000155 LB - 0006783	

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 (CHAIRMAN) |
| DISTRICT FOUR | ROBERT BENDER |
| DISTRICT FIVE | STEVEN BARRY (VICE CHAIRMAN) |



PROJECT MANAGER: STEVEN D. WHITE	
SECTION / TOWNSHIP / RANGE: 37 / 1N / 31W	DISTRICT: 3
PROJECT ENGINEER: STEVEN D. WHITE	REG FLA ENG NO.: 58809
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
ESCAMBIA COUNTY SURVEYOR
3363 WEST PARK PLACE
PENSACOLA, FLORIDA 32505 PH (850) 595-3427
- 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.
- ALL COMPACTED FILL SHALL BE PLACED IN 4" LIFTS FOR HAND POWERED TAMPERS AND 8" LIFTS FOR HEAVY EQUIPMENT OPERATED TAMPERS.
- 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 VERBAL AND/OR WRITTEN AUTHORIZATION FROM THE DIVISION OF HISTORICAL RESOURCES.

- IN THE EVENT THAT UNMARKED HUMAN REMAINS 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:

SEWER/WATER - EMERALD COAST UTILITY AUTHORITY
MR. MIKE HAMLIN
P.O. BOX 15311
PENSACOLA, FL. 32514 PH: (850) 969-3310

ELECTRIC - GULF POWER
MR. CHAD SWAILS
5120 DOGWOOD DRIVE
MILTON, FL. 32570 PH: (850) 429-2446

NATURAL GAS - ENERGY SERVICES OF PENSACOLA
MR. DARRYL SINGLETON
1625 ATWOOD DRIVE
PENSACOLA, FL. 32514 PH: (850) 474-5310

CABLE - COX CABLE
MR. TROY YOUNG
2421 EXECUTIVE PLAZA
PENSACOLA, FL. 32504 PH: (850) 857-4564

TELEPHONE - AT&T FLORIDA
MR. HAL HINOTE
2221 INDUSTRIAL DRIVE
PANAMA CITY, FL. 32405 PH: (850) 913-3709

SUNSHINE STATE ONE-CALL
7200 LAKE ELLENOR DRIVE, SUITE 200
ORLANDO, FL. 32809 PH: (800) 432-4770

TRAFFIC DEPARTMENT - ESCAMBIA COUNTY PUBLIC WORKS
MRS. JOHNNY COX
3363 WEST PARK PLACE
PENSACOLA, FL. 32505 PH:(850) 595-3404
- AT&T FLORIDA WILL COMPLETE ALL WORK DURING THE HOURS OF 7:30 AM - 4:30 PM, MONDAY THRU FRIDAY. NO NIGHT OR WEEKEND WORKWORK.
- 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.

DEMOLITION NOTES:

- ALL ASPHALT AND CONCRETE SHALL BE SAW CUT AT EDGES TO REMAIN.
- SAW CUTS SHALL BE MADE IN A NEAT WORKMAN LIKE MANNER.
- ALL CONSTRUCTION DEBRIS SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS, AT NO ADDITIONAL COST TO THE OWNER.

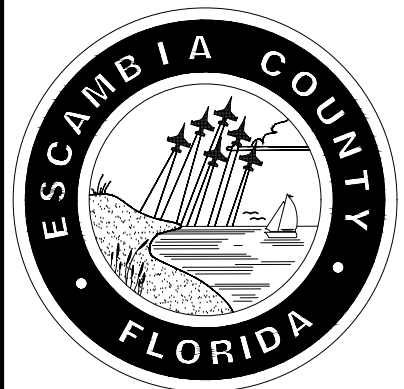
EROSION CONTROL NOTES:

- EROSION CONTROL MEASURES SHOWN HERE ON ARE TO BE CONSIDERED THE MINIMUM INSTALLATION REQUIREMENTS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONTROL OF SEDIMENTATION AND PREVENTION OF EROSION WITHIN THE LIMITS OF THE PROJECT. CONTRACTOR SHALL PROVIDE ANY MATERIAL ITEM OR WORK EFFORT NECESSARY TO PREVENT EROSION AND TO MAINTAIN SEDIMENT ON-SITE THROUGHOUT THE DURATION OF CONSTRUCTION.
- SEE GENERAL NOTES FOR ADDITIONAL EROSION CONTROL MEASURES.

LEGEND			
	EXIST. TELEPHONE WIRE PULL BOX		EXIST. IRON ROD & CAP
	EXIST. ELECTRICAL METER		EXIST. PIPE/ROD/BAR
	EXIST. POWER POLE		EXIST. CONCRETE MONUMENT
	EXIST. LIGHT POLE		EXIST. PINE TREE
	EXIST. FLOOD LIGHT		EXIST. OAK TREE
	EXIST. WATER VALVE COVER		EXIST. MISCELLANEOUS TREE
	EXIST. WATER VALVE		EXIST. CONIFEROUS TREE
	EXIST. WATER METER		EXIST. SHRUB
	EXIST. WATER FAUCET		EXIST. METAL FENCE (AS SPECIFIED)
	EXIST. GUY WIRE ANCHOR		EXIST. WOOD FENCE (AS SPECIFIED)
	EXIST. FIRE HYDRANT		APPROX. RIGHT-OF-WAY LINE
	EXIST. MAILBOX		APPROX. PROPERTY LINE
	EXIST. SINGLE SUPPORT SIGN		EXIST. GAS MAIN/SIZE
	EXIST. SEWER MANHOLE		EXIST. OVERHEAD UTILITY
	EXIST. STORM MANHOLE		EXIST. WATER MAIN/SIZE
	EXIST. CLEANOUT		EXIST. FIBER OPTIC CABLE
	BENCHMARK (INFORMATION SPECIFIED)		EXIST. BURIED ELECTRICAL
	EXIST. NAIL		EXIST. TELEPHONE
	EXIST. CONCRETE AREA		EXIST. GRAVEL AREA
	EXIST. ASPHALT AREA		EXIST. SAND/DIRT AREA
	PROPOSED ASPHALT AREA		PROPOSED SILT FENCE
	PROPOSED CONCRETE AREA		PROPOSED VERTICAL BEND
	PROPOSED DEMOLITION AREA		

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Architects Engineers Surveyors
AA-C000035 EB-0000195 LB-0000783

CROCKET ST.
DRAINAGE
IMPROVEMENTS
PHASE II
ESCAMBIA COUNTY,
FLORIDA



DATE	DESIGNED BY	DRAWN BY	PROJECT ENGINEER	PROJECT MANAGER	M.M. PROJECT NUMBER	
JANUARY 2020	S. WHITE	G. EDWARDS	C. RILEY	S. WHITE	S. WHITE	333166

BID PLANS
STEVEN D. WHITE, P.E.
FLORIDA LICENSE NO. 58809
DATE
AFFIX SEAL

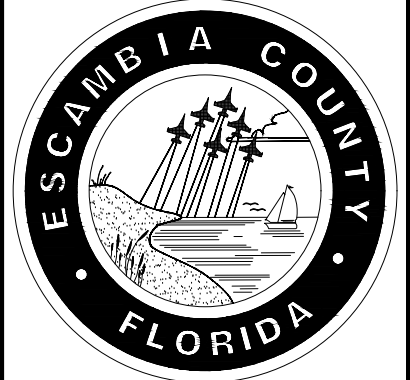
SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
C-002

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 Title: Surveyor
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 Drawing Name: C-003 Summary of Pay Items.dwg
 Plot File Name:

3/11/2020 3:08:44PM

Item Number	Item	Estimated Quantity	Unit
1	Mobilization	1	LS
2	Maintenance of Traffic	1	LS
3	Clearing and Grubbing	0.25	AC
4	Demolition	1	LS
5	Earthwork Excavation By Machine	455	CY
6	Earthwork Excavate, Haul, and Install On-site	650	CY
7	Saw Cut Existing Concrete, up to 6" Thick	24	LF
8	Rubblize Existing Concrete Swale, relocate and Install on-site	1	LS
9	Install Wood Skimmer	1	LS
10	Cut and Patch Gravel Driveway	197	SY
11	1.5" Type SP-12.5 Asphalt Driveway	24	SY
12	4" Fiber Reinforced Concrete Driveway	114	SY
13	Lateral Pavement Patch per County Detail (6" GAB)	268	SY
14	8" Stabilized Subgrade	138	SY
15	FDOT Type F Curb and Gutter	67	LF
16	Fiber Reinforced Concrete Flume	11	SY
17	Fiber Reinforced Concrete Ditch	660	SY
18	7' Dia. FDOT Type J Bottom, 6'-12' Deep	1	EA
19	4' Dia. Stormwater Manhole, 0'-6' Deep	1	EA
20	4' Dia. Stormwater Manhole, 6'-12' Deep	4	EA
21	FDOT Type G Ditch Bottom Inlet, 6'-12' Deep	1	EA
22	FDOT Type D Ditch Bottom Inlet, 0'-6' Deep	1	EA
23	Connect to Existing Storm Structure	2	EA
24	18" RCP, 0'-6' Deep	25	LF
25	24" RCP, 6'-12' Deep	1479	LF
26	14"x23" ERCP, 0'-6' Deep	31	LF
27	19"x30" ERCP, 6'-12' Deep	71	LF
28	24"x38" ERCP, 0'-6' Deep	159	LF
29	18" MES	1	EA
30	14"x23" MES	2	EA
31	19"x30" MES	1	EA
32	24"x38" MES	5	EA
33	Relocate Fire Hydrant	1	EA
34	Relocated 6" Crepe Myrtle	3	EA
35	Sod	2480	SY
36	Seed and Mulch	4563	SY



**CROCKET ST.
 DRAINAGE
 IMPROVEMENTS
 PHASE II
 ESCAMBIA COUNTY,
 FLORIDA**

M
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MACDONALD
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 Architects Engineers Surveyors
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DATE	REV.	REVISION DESCRIPTION

DESIGNED BY: S. WHITE
 G. EDWARDS
 C. RILEY
 DRAWN BY: S. WHITE
 PROJECT ENGINEER: S. WHITE
 PROJECT MANAGER: S. WHITE
 M.M. PROJECT NUMBER: 333166

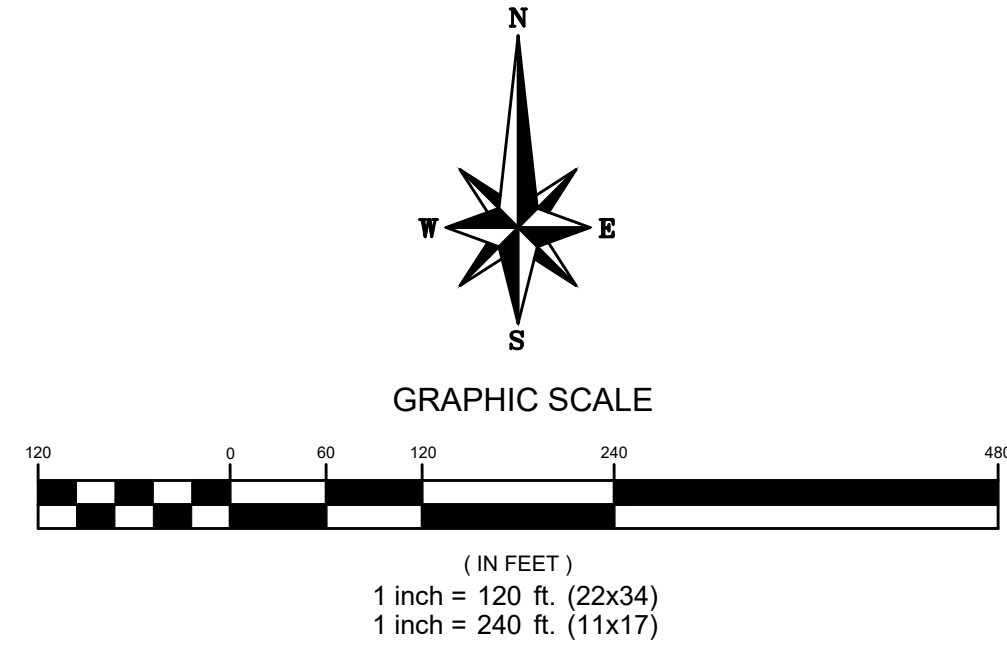
BID PLANS
 STEVEN D. WHITE, P.E.
 FLORIDA LICENSE NO. 58809
 DATE _____ AFFIX SEAL

**SHEET TITLE:
 SUMMARY OF
 PAY ITEMS**

**SHEET NUMBER:
 C-003**

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User Name: RL05258
 Title: Surveyor
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 Drawing Name: C-004 Existing Site Key Plan.dwg
 Plot File Name:



SHEET NUMBER:
C-004

SHEET TITLE:
**EXISTING SITE
KEY PLAN**

BID PLANS

STEVEN D. WHITE, P.E.
FLORIDA LICENSE NO. 58809

DATE _____ AFFIX SEAL

DESIGNED BY: S. WHITE
 DRAWN BY: G. EDWARDS
 PROJECT ENGINEER: C. RILEY
 PROJECT MANAGER: S. WHITE
 M.M. PROJECT NUMBER: S. WHITE 333166

DATE	REV.	REVISION DESCRIPTION
JANUARY 2020		

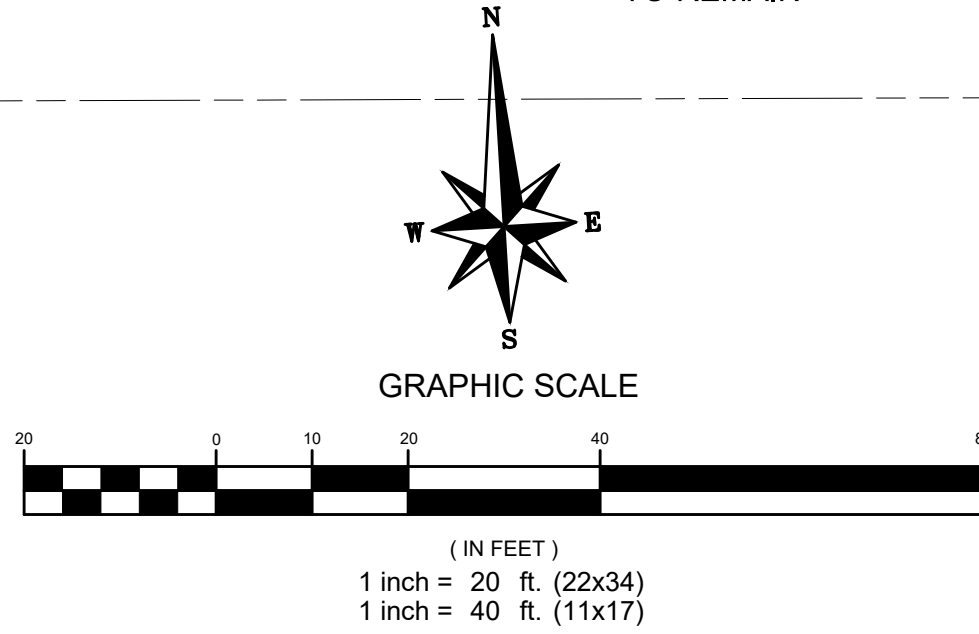
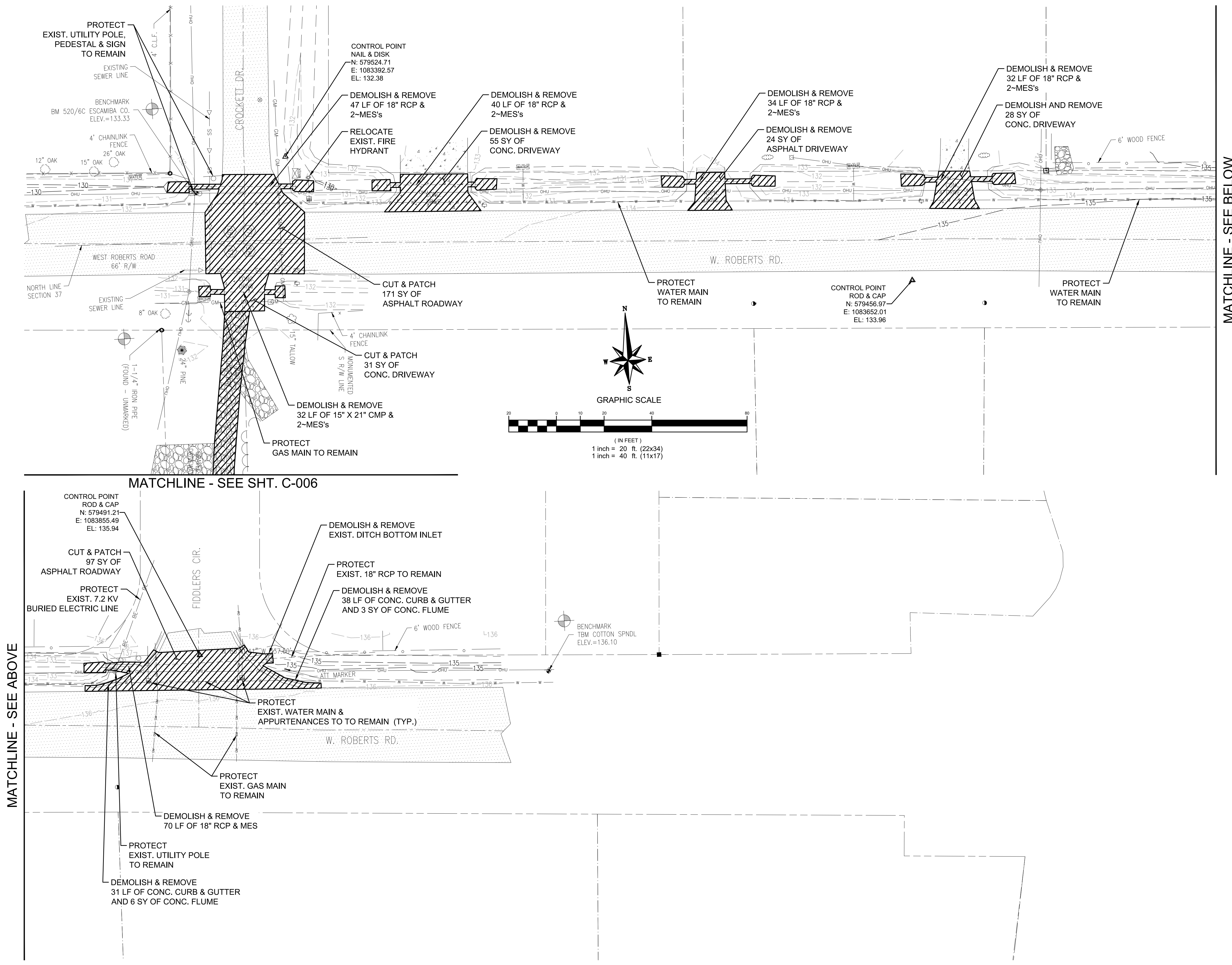


**CROCKET ST.
DRAINAGE
IMPROVEMENTS
PHASE II**
 ESCAMBIA COUNTY,
FLORIDA

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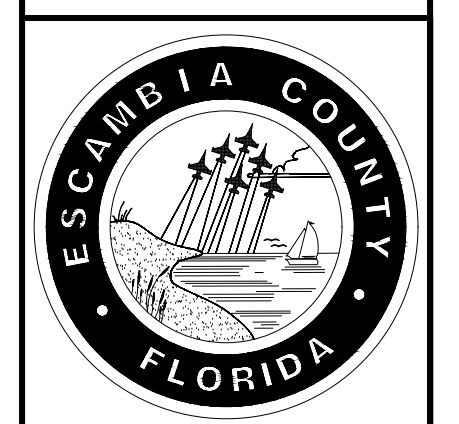
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 Title: Surveyor
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 Drawing Name: C-005 Existing Site, Demolition & Erosion Control Plan.dwg
 Plot File Name:



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 AA-C0000035 EB-0000155 LB-0000783

CROCKET ST. DRAINAGE IMPROVEMENTS PHASE II
 ESCAMIBA COUNTY, FLORIDA



DATE	DESIGNED BY	DRAWN BY	PROJECT ENGINEER	PROJECT MANAGER	M.M. PROJECT NUMBER
JANUARY 2020	S. WHITE	G. EDWARDS	C. RILEY	S. WHITE	S. WHITE
					333166

BID PLANS
 STEVEN D. WHITE, P.E.
 FLORIDA LICENSE NO. 58809
 DATE _____ AFFIX SEAL

SHEET TITLE:
EXISTING SITE, DEMOLITION & EROSION CONTROL PLAN

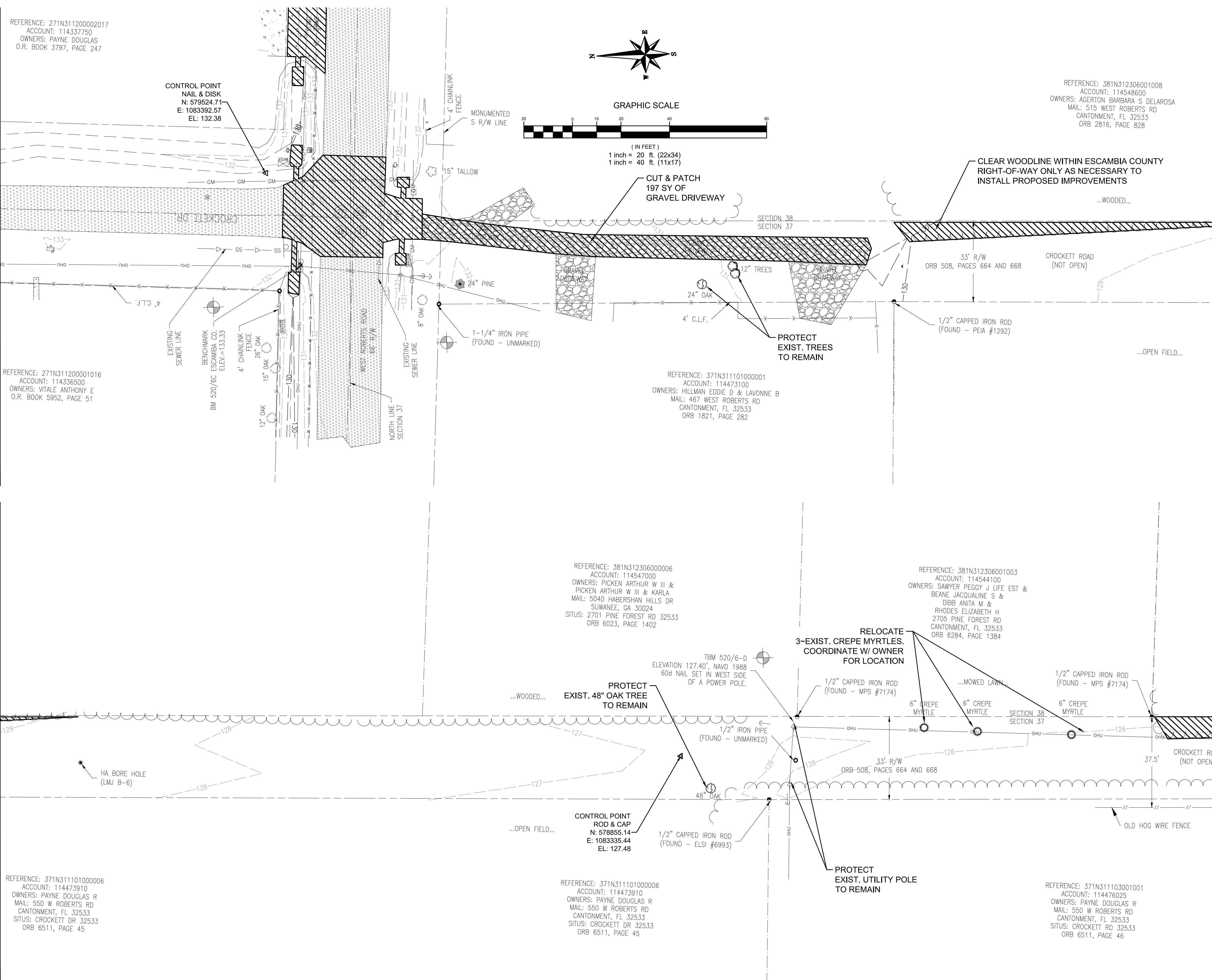
SHEET NUMBER:
C-005

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User Name: R165258
 Title: Surveyor
 Drawing Path: P:\333166 - crockett street & certified circle\Drawings\Civil\cad drawings\Sheets\Plan Set
 Drawing Name: C-006 Existing Site, Demolition & Erosion Control Plan.dwg
 Plot File Name:

MATCHLINE - SEE ABOVE

MATCHLINE - SEE SHT. C-005



REFERENCE: 371N311101000006
 ACCOUNT: 114473910
 OWNERS: PAYNE DOUGLAS R
 MAIL: 550 W ROBERTS RD
 CANTONMENT, FL 32533
 SITUS: CROCKETT DR 32533
 ORB 6511, PAGE 45

REFERENCE: 271N311200001016
 ACCOUNT: 114336500
 OWNERS: VITALE ANTHONY E
 O.R. BOOK 5952, PAGE 51

REFERENCE: 271N311200002017
 ACCOUNT: 114337750
 OWNERS: PAYNE DOUGLAS
 O.R. BOOK 3797, PAGE 247

REFERENCE: 371N311101000006
 ACCOUNT: 114473910
 OWNERS: PAYNE DOUGLAS R
 MAIL: 550 W ROBERTS RD
 CANTONMENT, FL 32533
 SITUS: CROCKETT DR 32533
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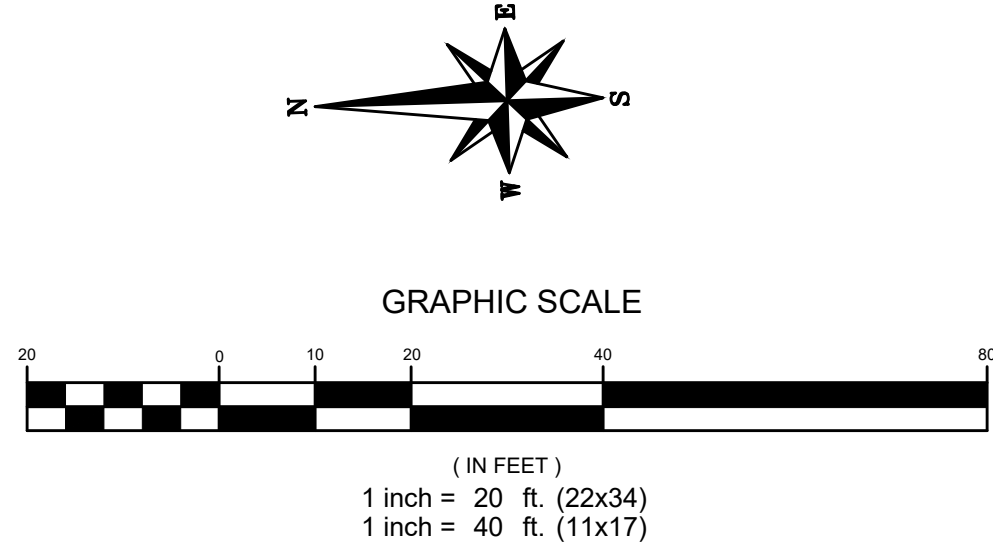
REFERENCE: 381N312306000006
 ACCOUNT: 114547000
 OWNERS: PICKEN ARTHUR W III &
 PICKEN ARTHUR W III & KARLA
 MAIL: 5040 HABERSHAN HILLS DR
 SUWANEE, GA 30024
 SITUS: 2701 PINE FOREST RD 32533
 ORB 6023, PAGE 1402

REFERENCE: 371N311101000001
 ACCOUNT: 114473100
 OWNERS: HILLMAN EDDIE D & LAVONNE B
 MAIL: 467 WEST ROBERTS RD
 CANTONMENT, FL 32533
 ORB 1821, PAGE 282

REFERENCE: 381N312306001003
 ACCOUNT: 114544100
 OWNERS: SAWYER PEGGY J LIFE EST &
 BEANE JACQUALINE S &
 DIBB ANITA M &
 RHODES ELIZABETH H
 2705 PINE FOREST RD
 CANTONMENT, FL 32533
 ORB 6284, PAGE 1384

REFERENCE: 371N311103001001
 ACCOUNT: 114476025
 OWNERS: PAYNE DOUGLAS R
 MAIL: 550 W ROBERTS RD
 CANTONMENT, FL 32533
 SITUS: CROCKETT DR 32533
 ORB 6511, PAGE 46

REFERENCE: 381N312306001008
 ACCOUNT: 114548600
 OWNERS: AGERTON BARBARA S DELAROSA
 MAIL: 515 WEST ROBERTS RD
 CANTONMENT, FL 32533
 ORB 2816, PAGE 828

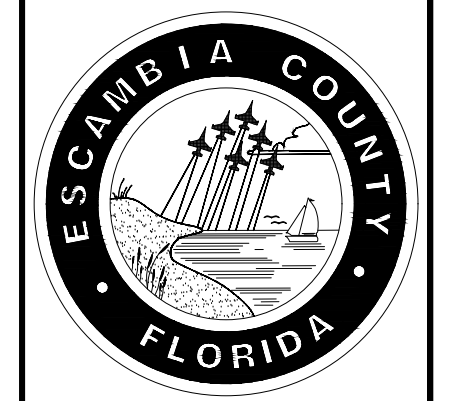


SHEET NUMBER:
C-006

SHEET TITLE:
**EXISTING SITE,
DEMOLITION &
EROSION
CONTROL PLAN**

BID PLANS
 STEVEN D. WHITE, P.E.
 FLORIDA LICENSE NO. 58809
 DATE _____ AFFIX SEAL

DATE	DESIGNED BY	DATE	REV.	REVISION DESCRIPTION
JANUARY 2020	S. WHITE			
	G. EDWARDS			
	C. RILEY			
	S. WHITE			
	S. WHITE			
	S. WHITE			
	M.M. PROJECT NUMBER:			333166



**CROCKETT ST.
 DRAINAGE
 IMPROVEMENTS
 PHASE II**
 ESCAMBIA COUNTY,
 FLORIDA

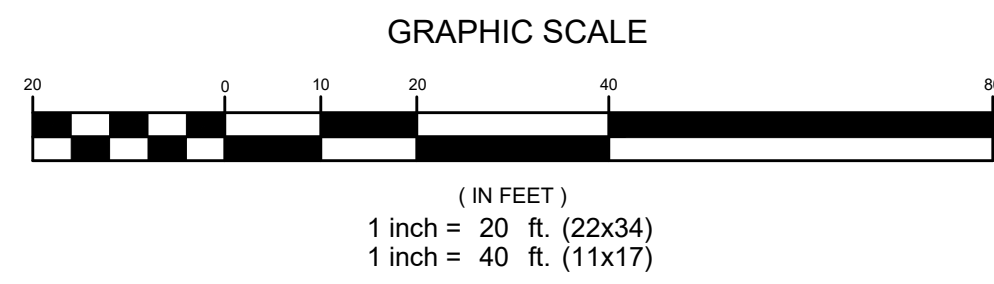
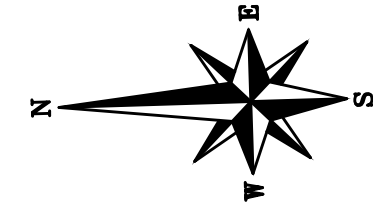
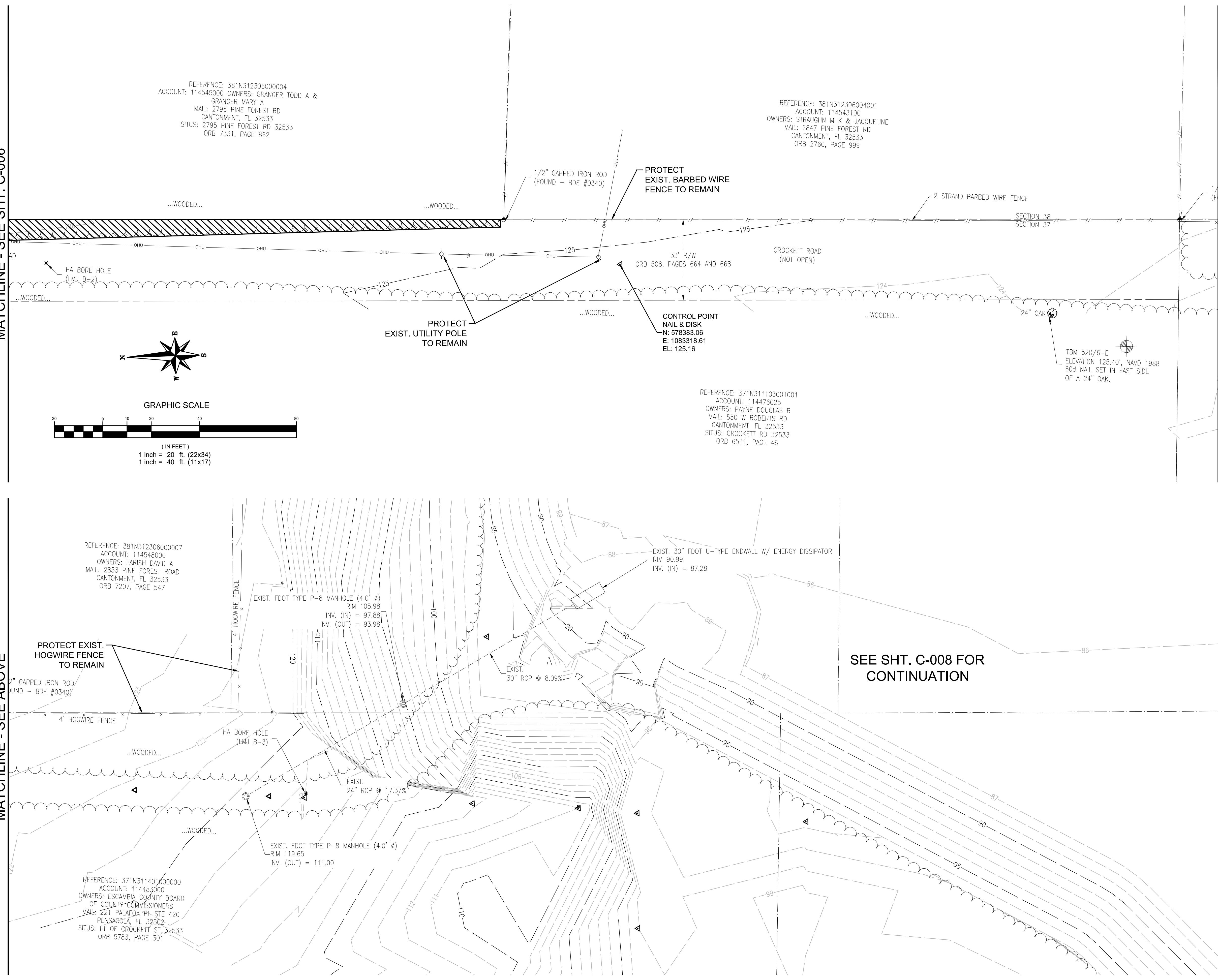
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 Pensacola, FL 32502
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User Name: R162578
 Title: Surveyor
 Drawing Path: P:\333166 - crockett street & eroded site\Drawings\Civil\Drawings\Sheets\Plan Set
 Drawing Name: C-007 Existing Site, Demolition & Erosion Control Plan.dwg
 Plot File Name:

MATCHLINE - SEE SHT. C-006

MATCHLINE - SEE ABOVE



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CROCKETT ST. DRAINAGE IMPROVEMENTS PHASE II
 ESCAMBIA COUNTY, FLORIDA



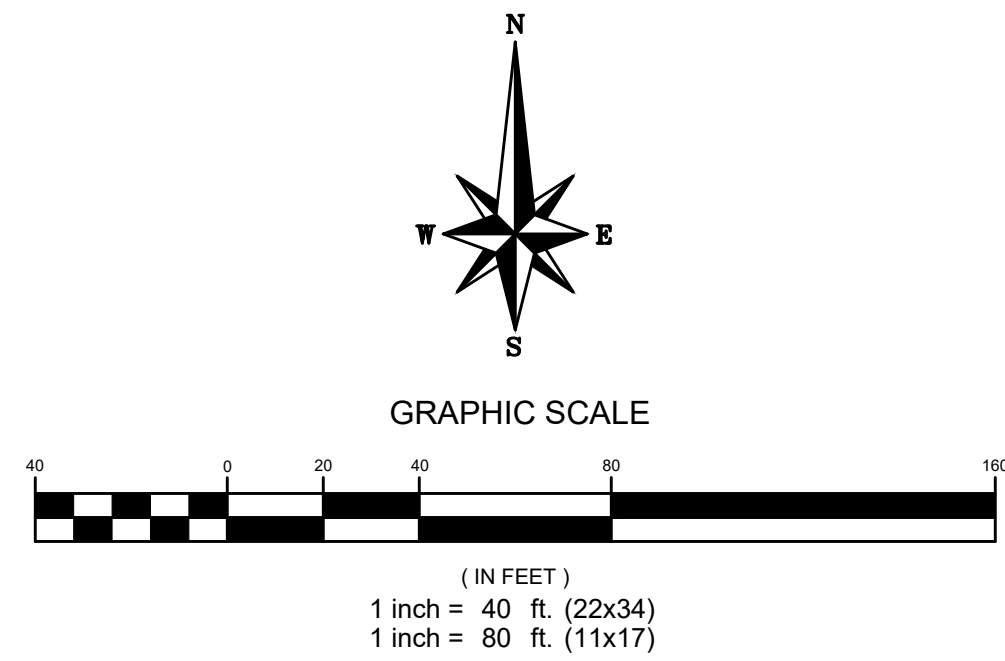
DATE	REV.	REVISION DESCRIPTION
JANUARY 2020		
		S. WHITE
		G. EDWARDS
		C. RILEY
		S. WHITE
		S. WHITE
		M.M. PROJECT NUMBER: 333166

BID PLANS
 DESIGNED BY: STEVEN D. WHITE, P.E.
 DRAWN BY: FLORIDA LICENSE NO. 58809
 PROJECT ENGINEER
 PROJECT MANAGER: DATE
 M.M. PROJECT NUMBER: AFFIX SEAL

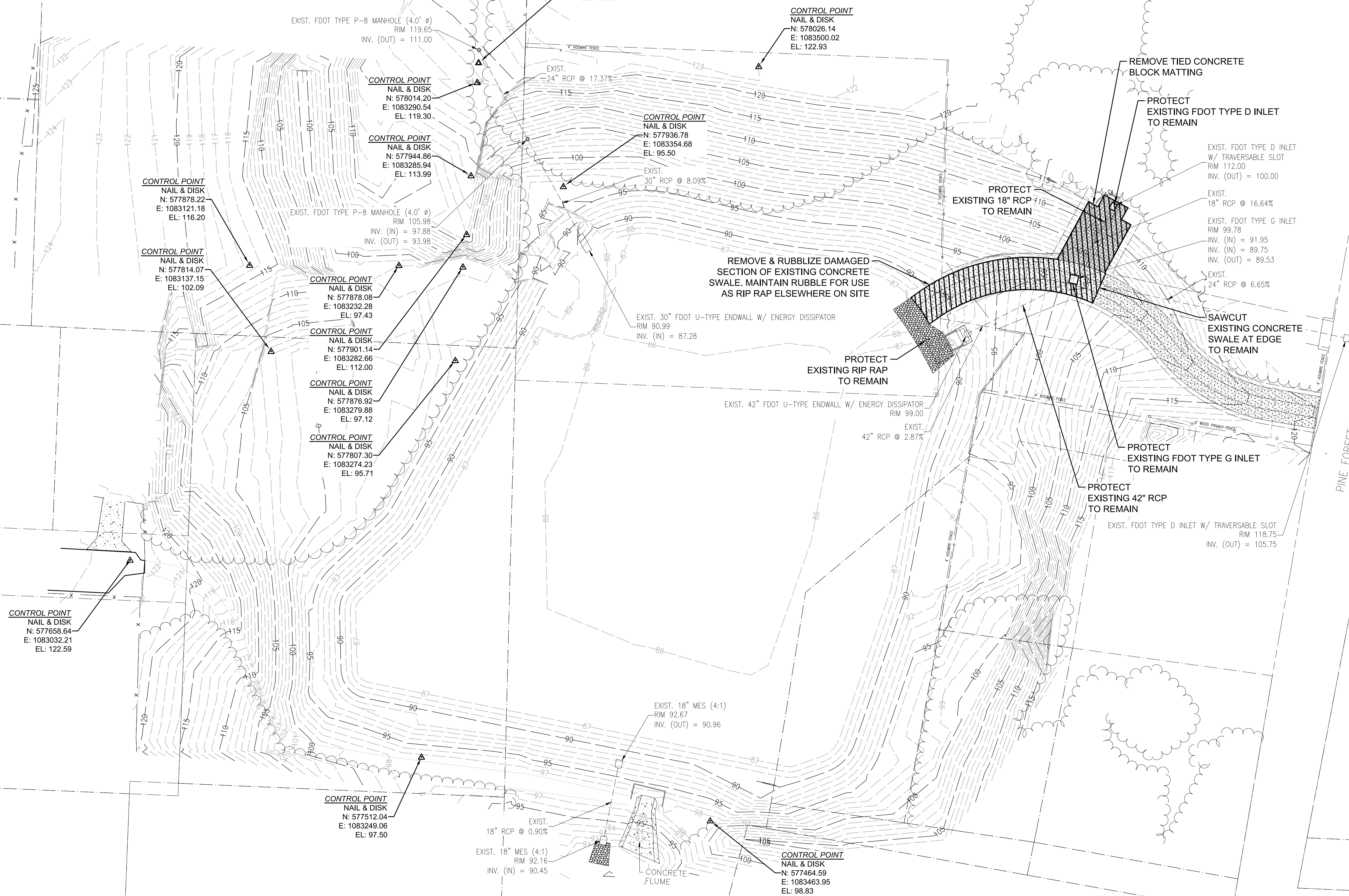
SHEET TITLE:
EXISTING SITE, DEMOLITION & EROSION CONTROL PLAN

SHEET NUMBER:
C-007

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SEE SHT. C-007 FOR CONTINUATION



Users Name: R1605268
 Title: Surveyor
 Drawing Path: P:\333166 - crockett street - crockett street & certified circle\Drawings\Civil\Load drawings\Sheets\Plan Set
 Drawing Name: C-008 Existing Site Demolition & Erosion Control Plan.dwg
 Plot File Name:

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CROCKETT ST. DRAINAGE IMPROVEMENTS PHASE II
 ESCAMBIA COUNTY, FLORIDA



DATE	REV.	REVISION DESCRIPTION
JANUARY 2020		
DESIGNED BY:	S. WHITE	
DRAWN BY:	G. EDWARDS	
PROJECT ENGINEER:	C. RILEY	
PROJECT MANAGER:	S. WHITE	
M.M. PROJECT NUMBER:	S. WHITE	333166

BID PLANS

STEVEN D. WHITE, P.E.
 FLORIDA LICENSE NO. 58809

DATE: _____ AFFIX SEAL

SHEET TITLE:
 EXISTING SITE DEMOLITION & EROSION CONTROL PLAN

SHEET NUMBER:
 C-008

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User Name: RL0529
 Title: Surveyor
 Drawing Path: P:\333166 - crockett street & cresfield circle\Drawings\Civil\cad drawings\Sheets\Plan_Sett
 Drawing Name: C-009 Summary of Drainage Structures.dwg
 Plot File Name:

STRUCTURE TABLE						
QTY.	STR-#	STATION	OFFSET	SIDE	DESCRIPTION	CONNECTED PIPES
1	MES-1	10+75.80	21.04'	R	14"x23" MES (1:4)	(P-12) INV (OUT) EL= 130.86'
1	MES-2	11+07.03	21.29'	R	14"x23" MES (1:4)	(P-12) INV (IN) EL= 131.23'
1	MES-3	10+67.40	-23.13'	L	18" MES (1:4)	(P-6) INV (IN) EL= 129.91'
1	MES-4	10+19.70	-98.95'	L	24"x38" MES (1:4)	(P-8) INV (OUT) EL= 130.46'
1	MES-5	12+74.14	-24.33'	L	24"x38" MES (1:4)	(P-9) INV (IN) EL= 131.02'
1	MES-6	13+07.71	-24.51'	L	24"x38" MES (1:4)	(P-9) INV (OUT) EL= 131.15'
1	MES-7	13+75.85	-24.73'	L	24"x38" MES (1:4)	(P-10) INV (IN) EL= 131.49'
1	MES-8	14+08.14	-25.12'	L	24"x38" MES (1:4)	(P-10) INV (OUT) EL= 131.60'
1	MES-9	10+19.85	-439.67"	L	19"x30" Mes (1:4)	(P-11) INV (IN) EL= 132.15'
1	S-1	22+72.96	0.00'		FDOT Type P-8 Manhole (4.0' Ø)	(P-1) INV (OUT) EL= 118.00' (P-2) INV (IN) EL= 118.00'
1	S-2	18+72.96	-0.06'	L	FDOT Type P-8 Manhole (4.0' Ø)	(P-2) INV (OUT) EL= 119.50' (P-3) INV (IN) EL= 119.50'
1	S-3	14+72.96	-0.03'	L	FDOT Type P-8 Manhole (4.0' Ø)	(P-3) INV (OUT) EL= 122.00' (P-4) INV (IN) EL= 122.00'
1	S-4	10+77.96	0.00'		FDOT Type P-8 Manhole (4.0' Ø)	(P-4) INV (OUT) EL= 124.10' (P-5) INV (IN) EL= 124.10'
1	S-5	10+92.45	-23.11'	L	FDOT Type J-7 Manhole (7.0' Ø)	(P-6) INV (OUT) EL= 130.04' (P-5) INV (OUT) EL= 124.29' (P-7) INV (IN) EL= 126.17'
1	S-6	11+31.58	-23.58'	L	FDOT Type G Inlet	(P-7) INV (OUT) EL= 126.67' (P-8) INV (IN) EL= 126.67'
1	S-7	16+02.80	-27.52'	L	FDOT Type D Inlet w/ Slot (E)	(P-11) INV (OUT) EL= 132.54' (XP-01) INV (IN) EL= 132.57'

PIPE TABLE				
PIPE-#	DESCRIPTION	LENGTH	SLOPE	CONNECTED STRUCTURES
P-1	24" RCP	226 LF	3.12%	(S-1) INV (IN) EL= 118.00' (I) INV (OUT) EL= 110.93'
P-2	24" RCP	400 LF	0.37%	(S-2) INV (IN) EL= 119.50' (S-1) INV (OUT) EL= 118.00'
P-3	24" RCP	400 LF	0.62%	(S-3) INV (IN) EL= 122.00' (S-2) INV (OUT) EL= 119.50'
P-4	24" RCP	395 LF	0.53%	(S-4) INV (IN) EL= 124.10' (S-3) INV (OUT) EL= 122.00'
P-5	24" RCP	58 LF	0.33%	(S-5) INV (IN) EL= 124.29' (S-4) INV (OUT) EL= 124.10'
P-6	18" RCP	25 LF	0.50%	(S-5) INV (IN) EL= 130.04' (MES-3) INV (OUT) EL= 129.91'
P-7	24" x 38" ERCP	36 LF	1.39%	(S-6) INV (IN) EL= 126.67' (S-5) INV (OUT) EL= 126.17'
P-8	24" x 38" ERCP	57 LF	6.68%	(MES-4) INV (IN) EL= 130.46' (S-6) INV (OUT) EL= 126.67'
P-9	24" x 38" ERCP	34 LF	0.39%	(MES-6) INV (IN) EL= 131.15' (MES-5) INV (OUT) EL= 131.02'
P-10	24" x 38" ERCP	32 LF	0.34%	(MES-8) INV (IN) EL= 131.60' (MES-7) INV (OUT) EL= 131.49'
P-11	19" x 30" ERCP	71 LF	0.55%	(S-7) INV (IN) EL= 132.54' (MES-9) INV (OUT) EL= 132.15'
P-12	14" x 23" RCP	31 LF	-1.18%	(MES-1) INV (IN) EL= 130.86' (MES-2) INV (OUT) EL= 131.23'
XP-01	Exist. 18" RCP	44 LF	0.20%	(I) INV (IN) EL= 132.66' (S-7) INV (OUT) EL= 132.57'



CROCKET ST.
 DRAINAGE
 IMPROVEMENTS
 PHASE II
 ESCAMBIA COUNTY,
 FLORIDA

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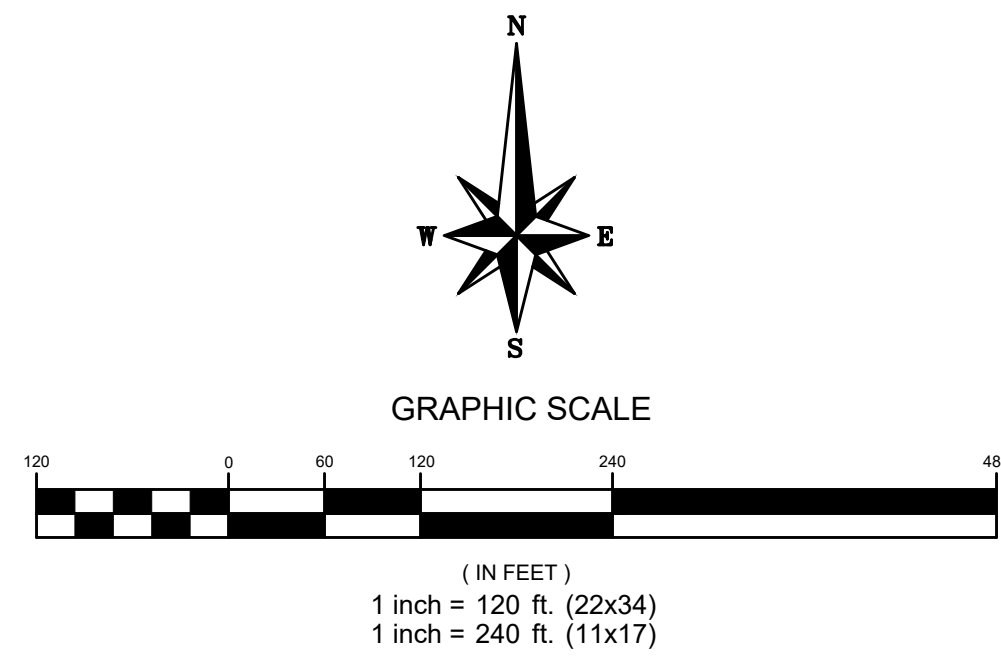
DATE	DESIGNED BY	DRAWN BY	PROJECT ENGINEER	PROJECT MANAGER	M.M. PROJECT NUMBER
JANUARY 2020	S. WHITE	G. EDWARDS	C. RILEY	S. WHITE	S. WHITE
					333166

BID PLANS
 STEVEN D. WHITE, P.E.
 FLORIDA LICENSE NO. 58809
 DATE _____ AFFIX SEAL

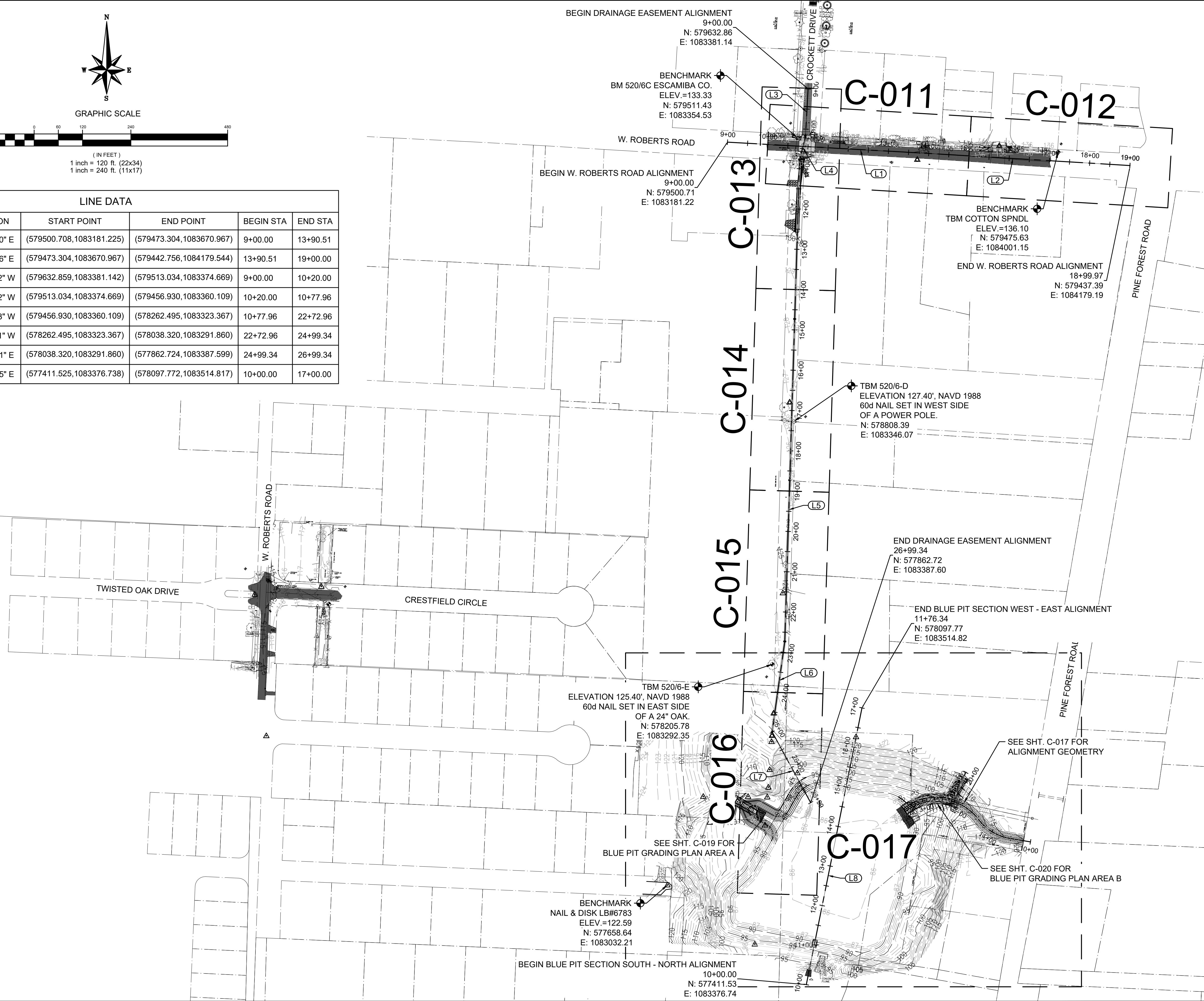
SHEET TITLE:
**SUMMARY OF
 DRAINAGE
 STRUCTURES**

SHEET NUMBER:
C-009

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LINE DATA						
LINE #	LENGTH	DIRECTION	START POINT	END POINT	BEGIN STA	END STA
L1	490.51	S 86° 47' 50" E	(579500.708, 1083181.225)	(579473.304, 1083670.967)	9+00.00	13+90.51
L2	509.49	S 86° 33' 46" E	(579473.304, 1083670.967)	(579442.756, 1084179.544)	13+90.51	19+00.00
L3	120.00	S 03° 05' 32" W	(579632.859, 1083381.142)	(579513.034, 1083374.669)	9+00.00	10+20.00
L4	57.96	S 14° 32' 52" W	(579513.034, 1083374.669)	(579456.930, 1083360.109)	10+20.00	10+77.96
L5	1195.00	S 01° 45' 43" W	(579456.930, 1083360.109)	(578262.495, 1083323.367)	10+77.96	22+72.96
L6	226.38	S 08° 00' 01" W	(578262.495, 1083323.367)	(578038.320, 1083291.860)	22+72.96	24+99.34
L7	200.00	S 28° 36' 01" E	(578038.320, 1083291.860)	(577862.724, 1083387.599)	24+99.34	26+99.34
L8	700.00	N 11° 22' 35" E	(577411.525, 1083376.738)	(578097.772, 1083514.817)	10+00.00	17+00.00



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CROCKETT ST.
DRAINAGE
IMPROVEMENTS
PHASE II
ESCAMBA COUNTY,
FLORIDA



DATE	DESIGNED BY	DATE	REV.	REVISION DESCRIPTION
JANUARY 2020	S. WHITE G. EDWARDS C. RILEY			
	PROJECT ENGINEER S. WHITE			
	PROJECT MANAGER S. WHITE			
	M.M. PROJECT NUMBER: 333166			

BID PLANS

DESIGNED BY: STEVEN D. WHITE, P.E.
FLORIDA LICENSE NO. 58809

DATE: _____ AFFIX SEAL

SHEET TITLE:
PROJECT CONTROL & PROPOSED KEY PLAN

SHEET NUMBER:
C-010

User Name: RL05258
To: State File 3/11/2020 - 3:11:48PM
Drawing Path: P:\333166 - crockett street & crestfield circle\Drawings\Civil\Road drawings\Sheets\Plan Set
Drawing Name: C-010 Project Control & Proposed Key Plan.dwg
Plot File Name:

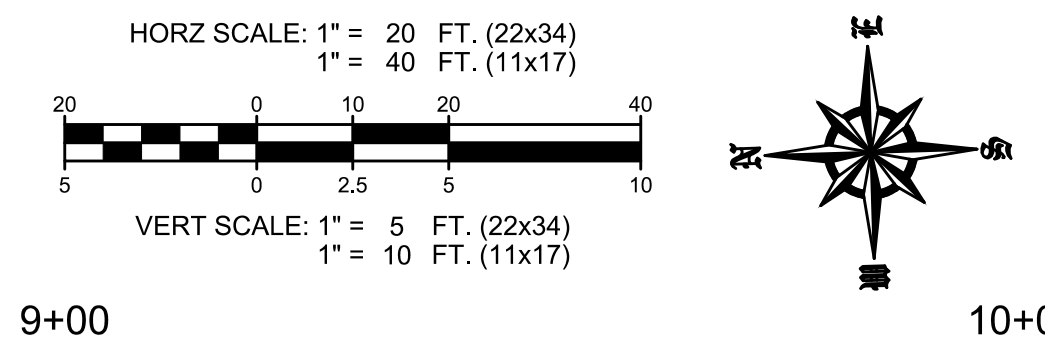
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 ACCOUNT: 114337750
 OWNERS: PAYNE DOUGLAS
 O.R. BOOK 3797, PAGE 247

REFERENCE: 271N311200001016
 ACCOUNT: 114336500
 OWNERS: VITALE ANTHONY E
 O.R. BOOK 5952, PAGE 51

REFERENCE: 381N312306001008
 ACCOUNT: 114548600
 OWNERS: AGERTON BARBARA S DELAROSA
 MAIL: 515 WEST ROBERTS RD
 CANTONMENT, FL 32533
 ORB 2816, PAGE 828

REFERENCE: 371N311101000001
 ACCOUNT: 114473100
 OWNERS: HILLMAN EDDIE D & LAVONNE B
 MAIL: 467 WEST ROBERTS RD
 CANTONMENT, FL 32533
 ORB 1821, PAGE 282



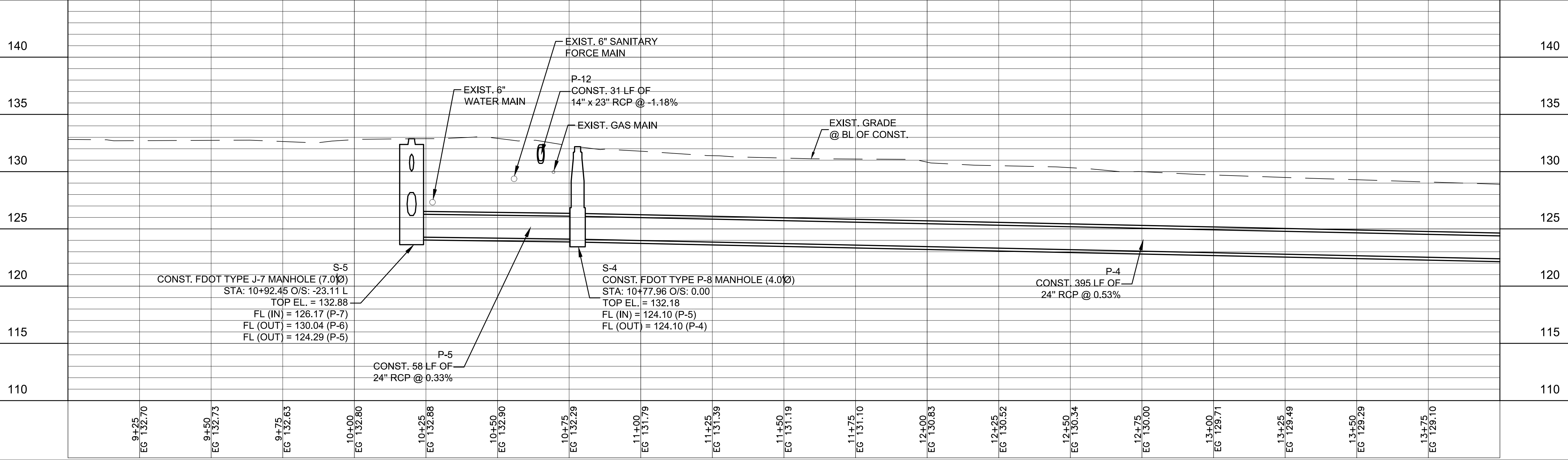
MATCH SEE SHT. C-011

MATCHLINE STA: 14+00 - SHT. C-014

DRAINAGE EASEMENT

(PUBLIC R/W VARIES)

145 9+00 10+00 11+00 12+00 13+00 14+00 145



DATE	REV.	REVISION DESCRIPTION
JANUARY 2020		S. WHITE G. EDWARDS C. RILEY
		S. WHITE S. WHITE
		S. WHITE
		333166

DESIGNED BY:	S. WHITE
DRAWN BY:	G. EDWARDS C. RILEY
PROJECT ENGINEER:	S. WHITE
PROJECT MANAGER:	S. WHITE
M.M. PROJECT NUMBER:	333166

BID PLANS

STEVEN D. WHITE, P.E.
 FLORIDA LICENSE NO. 58809

DATE _____ AFFIX SEAL

SHEET TITLE:
**PLAN & PROFILE
 DRAINAGE
 EASEMENT**

STA:
9+00 to 14+00

SHEET NUMBER:
C-013

User Name: RL65658
 To: State File 3/20/2020 3:19:28PM
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 Plot File Name:

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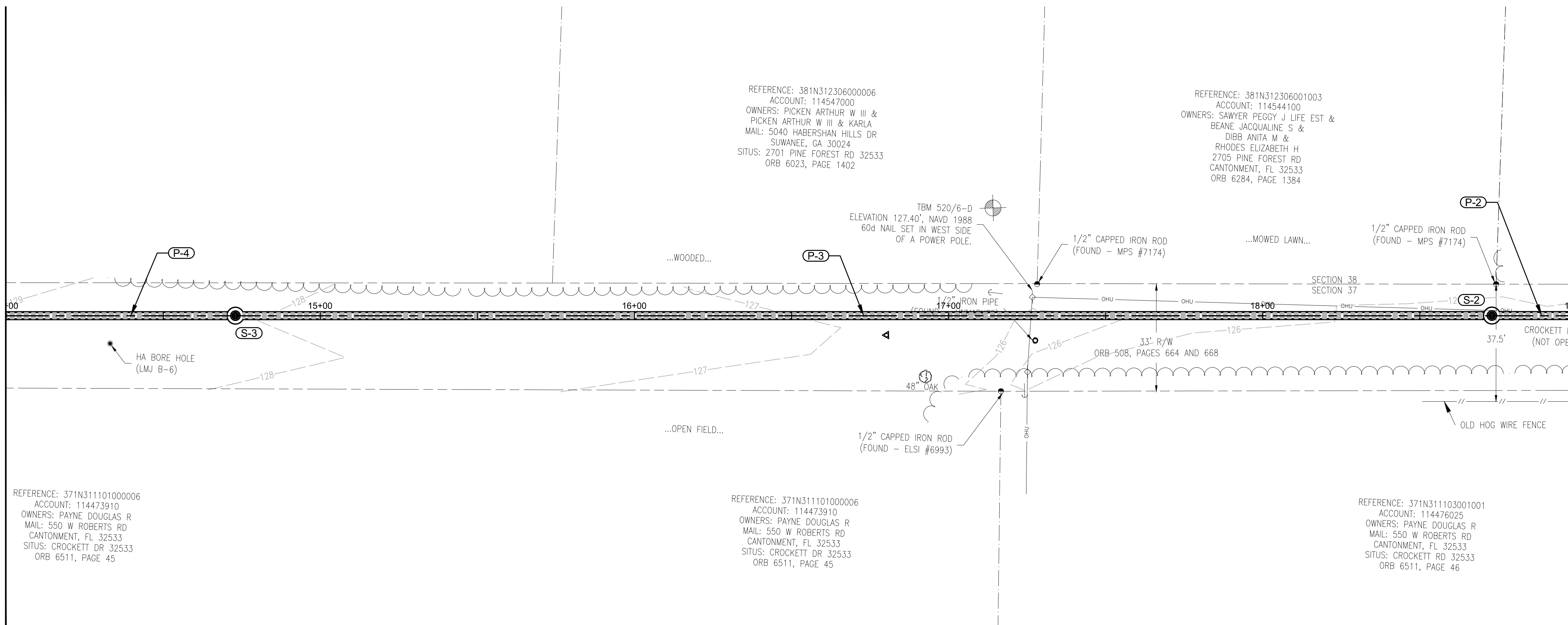
CROCKETT ST. DRAINAGE IMPROVEMENTS PHASE II
 ESCAMBIA COUNTY, FLORIDA



User Name: RL65678
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 Plot File Name:

MATCHLINE STA: 14+00 - SHT. C-013

MATCHLINE STA: 19+00 - SHT. C-015



REFERENCE: 371N311101000006
 ACCOUNT: 114473910
 OWNERS: PAYNE DOUGLAS R
 MAIL: 550 W ROBERTS RD
 CANTONMENT, FL 32533
 SITUS: CROCKETT DR 32533
 ORB 6511, PAGE 45

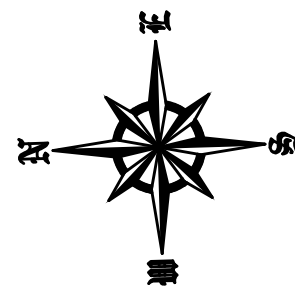
REFERENCE: 381N312306000006
 ACCOUNT: 114547000
 OWNERS: PICKEN ARTHUR W III &
 PICKEN ARTHUR W III & KARLA
 MAIL: 5040 HABERSHAN HILLS DR
 SUWANEE, GA 30024
 SITUS: 2701 PINE FOREST RD 32533
 ORB 6023, PAGE 1402

REFERENCE: 381N312306001003
 ACCOUNT: 114544100
 OWNERS: SAWYER PEGGY J LIFE EST &
 BEANE JACQUALINE S &
 DIBB ANITA M &
 RHODES ELIZABETH H
 2705 PINE FOREST RD
 CANTONMENT, FL 32533
 ORB 6284, PAGE 1384

REFERENCE: 371N311101000006
 ACCOUNT: 114473910
 OWNERS: PAYNE DOUGLAS R
 MAIL: 550 W ROBERTS RD
 CANTONMENT, FL 32533
 SITUS: CROCKETT DR 32533
 ORB 6511, PAGE 45

REFERENCE: 371N311103001001
 ACCOUNT: 114476025
 OWNERS: PAYNE DOUGLAS R
 MAIL: 550 W ROBERTS RD
 CANTONMENT, FL 32533
 SITUS: CROCKETT DR 32533
 ORB 6511, PAGE 46

HORZ SCALE: 1" = 20 FT. (22x34)
 1" = 40 FT. (11x17)
 VERT SCALE: 1" = 5 FT. (22x34)
 1" = 10 FT. (11x17)



DRAINAGE EASEMENT

(PUBLIC R/W VARIES)

140 14+00 15+00 16+00 17+00 18+00 19+00 140



P-4
 CONST. 395 LF OF
 24" RCP @ 0.53%

S-3
 CONST. FDOT TYPE P-8 MANHOLE (4.0' Ø)
 STA: 14+72.96 O/S: -0.03 L
 TOP EL. = 128.20
 FL (IN) = 122.00 (P-4)
 FL (OUT) = 122.00 (P-3)

P-3
 CONST. 400 LF OF
 24" RCP @ 0.62%

S-2
 CONST. FDOT TYPE P-8 MANHOLE (4.0' Ø)
 STA: 18+72.96 O/S: -0.06 L
 TOP EL. = 125.80
 FL (IN) = 119.50 (P-3)
 FL (OUT) = 119.50 (P-2)

14+25 EG 128.70
 14+50 EG 128.42
 14+75 EG 128.11
 15+00 EG 127.85
 15+25 EG 127.70
 15+50 EG 127.55
 15+75 EG 127.44
 16+00 EG 127.31
 16+25 EG 127.16
 16+50 EG 127.00
 16+75 EG 126.85
 17+00 EG 126.51
 17+25 EG 125.96
 17+50 EG 125.99
 17+75 EG 126.15
 18+00 EG 126.04
 18+25 EG 125.99
 18+50 EG 125.90
 18+75 EG 125.80

DATE	DESIGNED BY	DRAWN BY	PROJECT ENGINEER	PROJECT MANAGER	M.M. PROJECT NUMBER
JANUARY 2020	S. WHITE	G. EDWARDS	C. RILEY	S. WHITE	S. WHITE
					333166

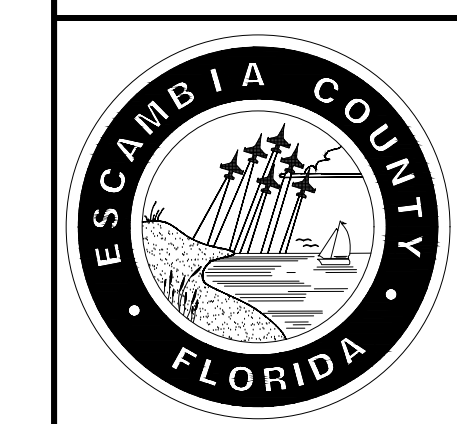
BID PLANS
 STEVEN D. WHITE, P.E.
 FLORIDA LICENSE NO. 58809
 DATE _____
 AFFIX SEAL

SHEET TITLE:
 PLAN & PROFILE
 DRAINAGE
 EASEMENT
STA:
 14+00 to 19+00

SHEET NUMBER:
 C-014

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CROCKETT ST. DRAINAGE IMPROVEMENTS PHASE II
 ESCAMBIA COUNTY, FLORIDA



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User Name: RL05658
 To: State File 3/14/2020 - 3:14:38PM
 Drawing Path: P:\333166 - crockett street & certified circle\Drawings\Civil\Drawings\Sheets\Plan Set
 Drawing Name: C-015 Plan & Profile Drainage Easement.dwg
 Plot File Name:

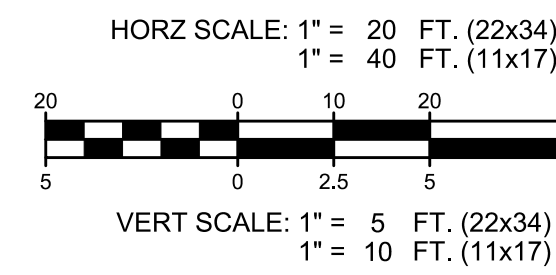
MATCHLINE STA: 19+00 - SHT. C-014

MATCHLINE STA: 24+00 - SHT. C-016

REFERENCE: 381N31230600004
 ACCOUNT: 114545000 OWNERS: GRANGER TODD A &
 CRANGER MARY A
 MAIL: 2795 PINE FOREST RD
 CANTONMENT, FL 32533
 SITUS: 2795 PINE FOREST RD 32533
 ORB 7331, PAGE 862

REFERENCE: 381N312306004001
 ACCOUNT: 114543100
 OWNERS: STRAUGHN M K & JACQUELINE
 MAIL: 2847 PINE FOREST RD
 CANTONMENT, FL 32533
 ORB 2760, PAGE 999

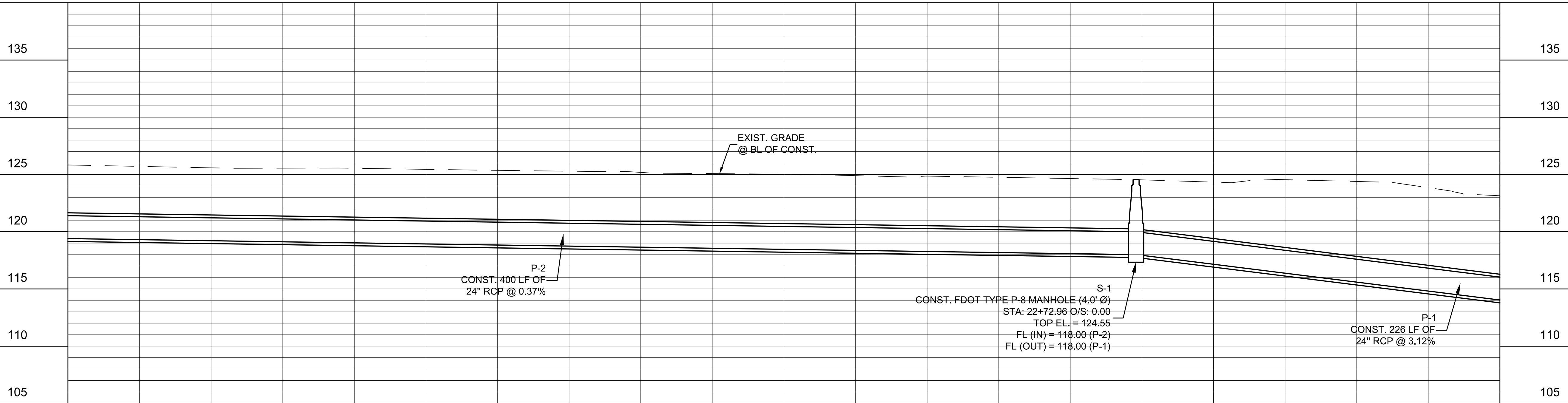
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 ACCOUNT: 114476025
 OWNERS: PAYNE DOUGLAS R
 MAIL: 550 W ROBERTS RD
 CANTONMENT, FL 32533
 SITUS: CROCKETT RD 32533
 ORB 6511, PAGE 46



DRAINAGE EASEMENT

(PUBLIC R/W VARIES)

140 19+00 20+00 21+00 22+00 23+00 24+00 140

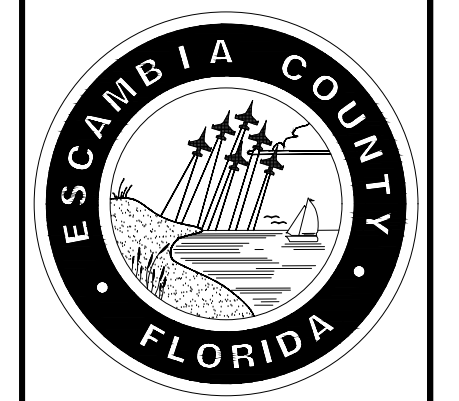


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-------	-----------	-------	-----------	-------	-----------	-------	-----------	-------	-----------	-------	-----------	-------	-----------	-------	-----------	-------	-----------	-------	-----------	-------	-----------	-------	-----------	-------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

DATE	DESIGNED BY	DRAWN BY	PROJECT ENGINEER	PROJECT MANAGER	M.M. PROJECT NUMBER	DATE	REV.	REVISION DESCRIPTION
JANUARY 2020	S. WHITE	G. EDWARDS	C. RILEY	S. WHITE	S. WHITE	333166		

BID PLANS	STEVEN D. WHITE, P.E. FLORIDA LICENSE NO. 58809	DATE	AFFIX SEAL
-----------	--	------	------------

SHEET TITLE:	PLAN & PROFILE DRAINAGE EASEMENT
STA:	19+00 to 24+00
SHEET NUMBER:	C-015



CROCKETT ST. DRAINAGE IMPROVEMENTS PHASE II
 ESCAMBIA COUNTY, FLORIDA

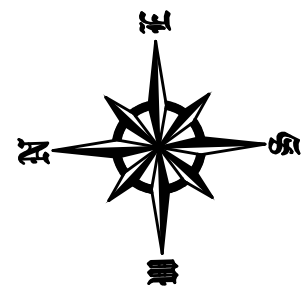
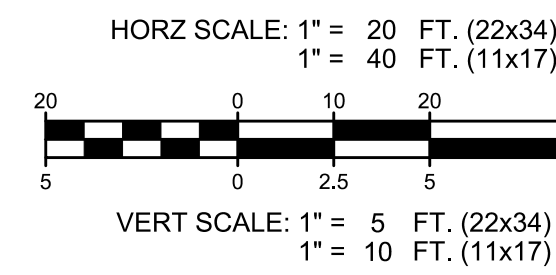
MOTT MACDONALD
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 Suite 700
 Pensacola, FL 32502
 United States of America
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 T +1 (850) 484 6011
 www.mottmac.com/americas

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MATCHLINE STA: 24+00 - SHT. C-015

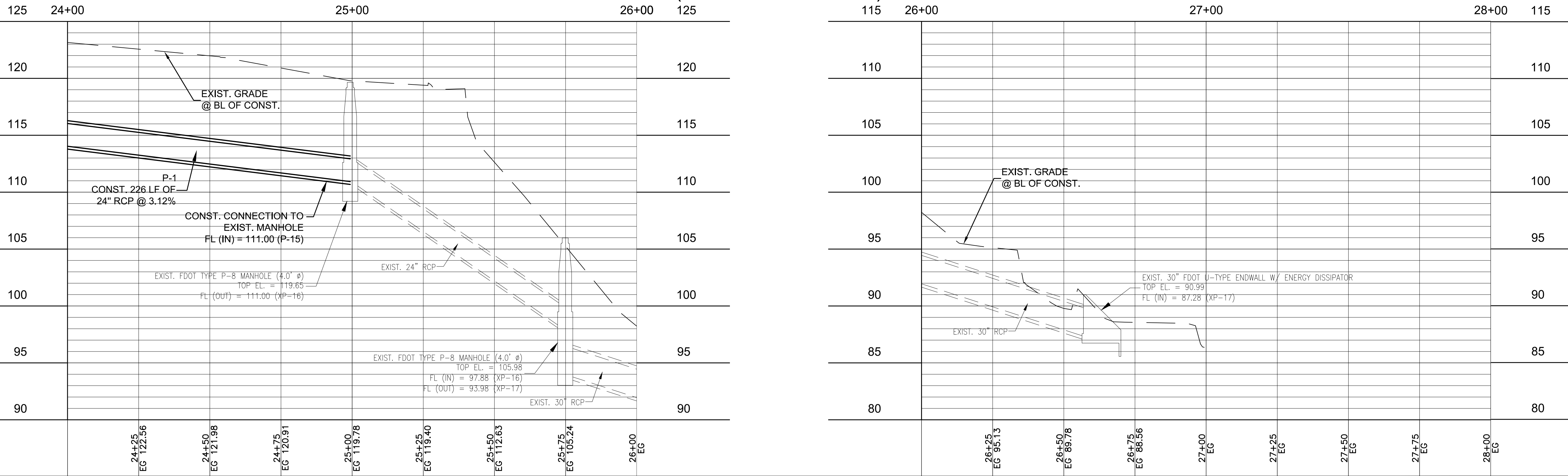
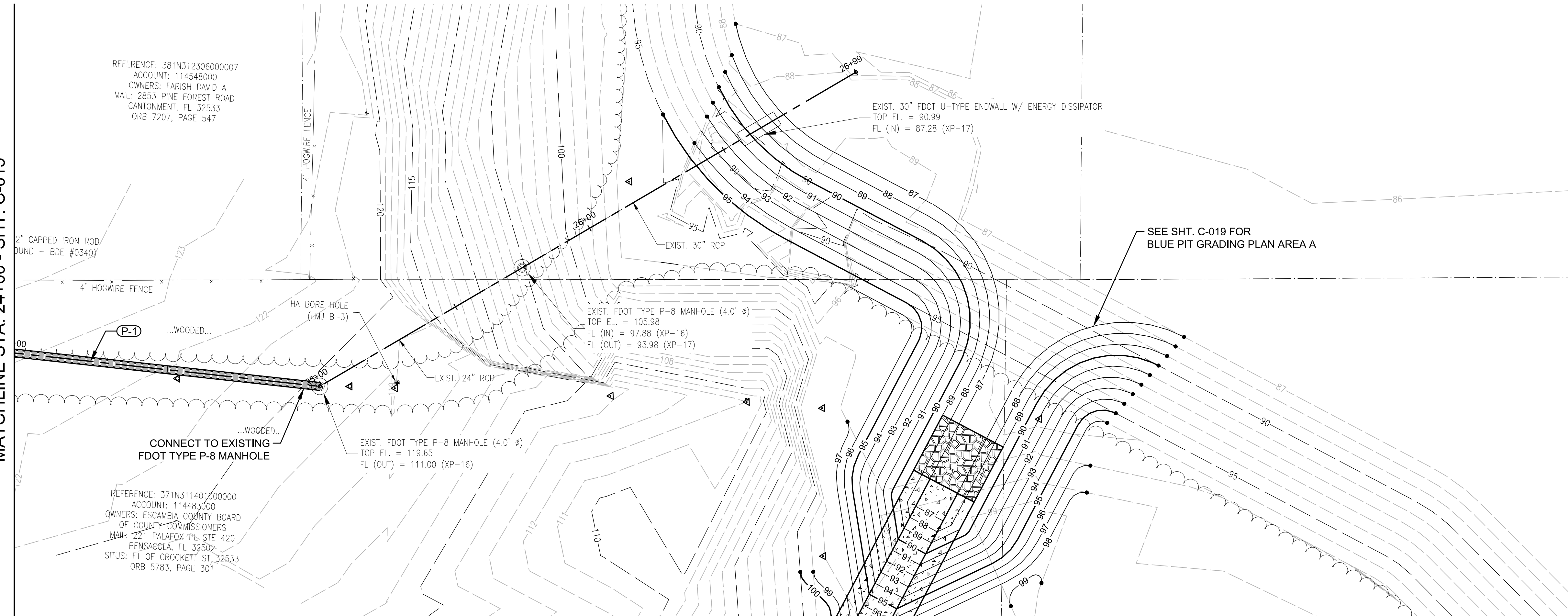
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 ACCOUNT: 114548000
 OWNERS: FARISH DAVID A
 MAIL: 2853 PINE FOREST ROAD
 CANTONMENT, FL 32533
 ORB 7207, PAGE 547

REFERENCE: 371N31140100000
 ACCOUNT: 114483000
 OWNERS: ESCAMBA COUNTY BOARD
 OF COUNTY COMMISSIONERS
 MAIL: 221 PALAFOX PL STE 420
 PENSACOLA, FL 32502
 SITUS: FT OF CROCKETT ST_32533
 ORB 5783, PAGE 301



DRAINAGE EASEMENT

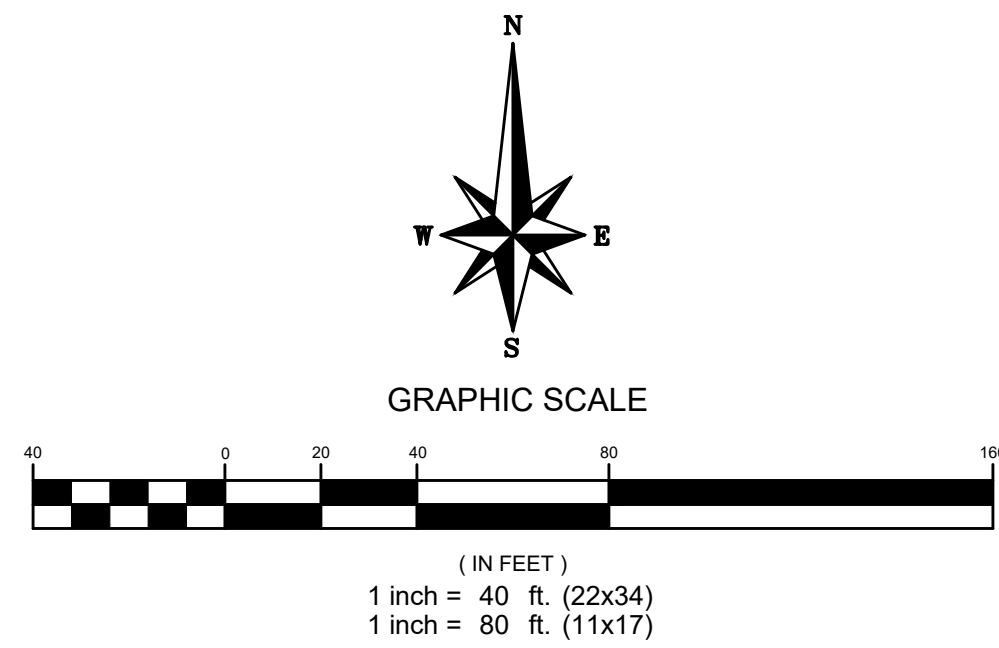
(PUBLIC R/W VARIES)



<p>MOTT MACDONALD Architects Engineers Surveyors AA-C000035 EB-0000155 LB-0000783</p>	
<p>CROCKETT ST. DRAINAGE IMPROVEMENTS PHASE II ESCAMBA COUNTY, FLORIDA</p>	
REVISION DESCRIPTION	
DATE	REV.
JANUARY 2020	
DESIGNED BY: S. WHITE	
DRAWN BY: G. EDWARDS	
PROJECT ENGINEER: C. RILEY	
PROJECT MANAGER: S. WHITE	
M.M. PROJECT NUMBER: S. WHITE	333166
BID PLANS	
STEVEN D. WHITE, P.E. FLORIDA LICENSE NO. 58809 DATE _____ AFFIX SEAL	
SHEET TITLE: PLAN & PROFILE DRAINAGE EASEMENT	
STA: 26+00 to 31+00	
SHEET NUMBER: C-016	

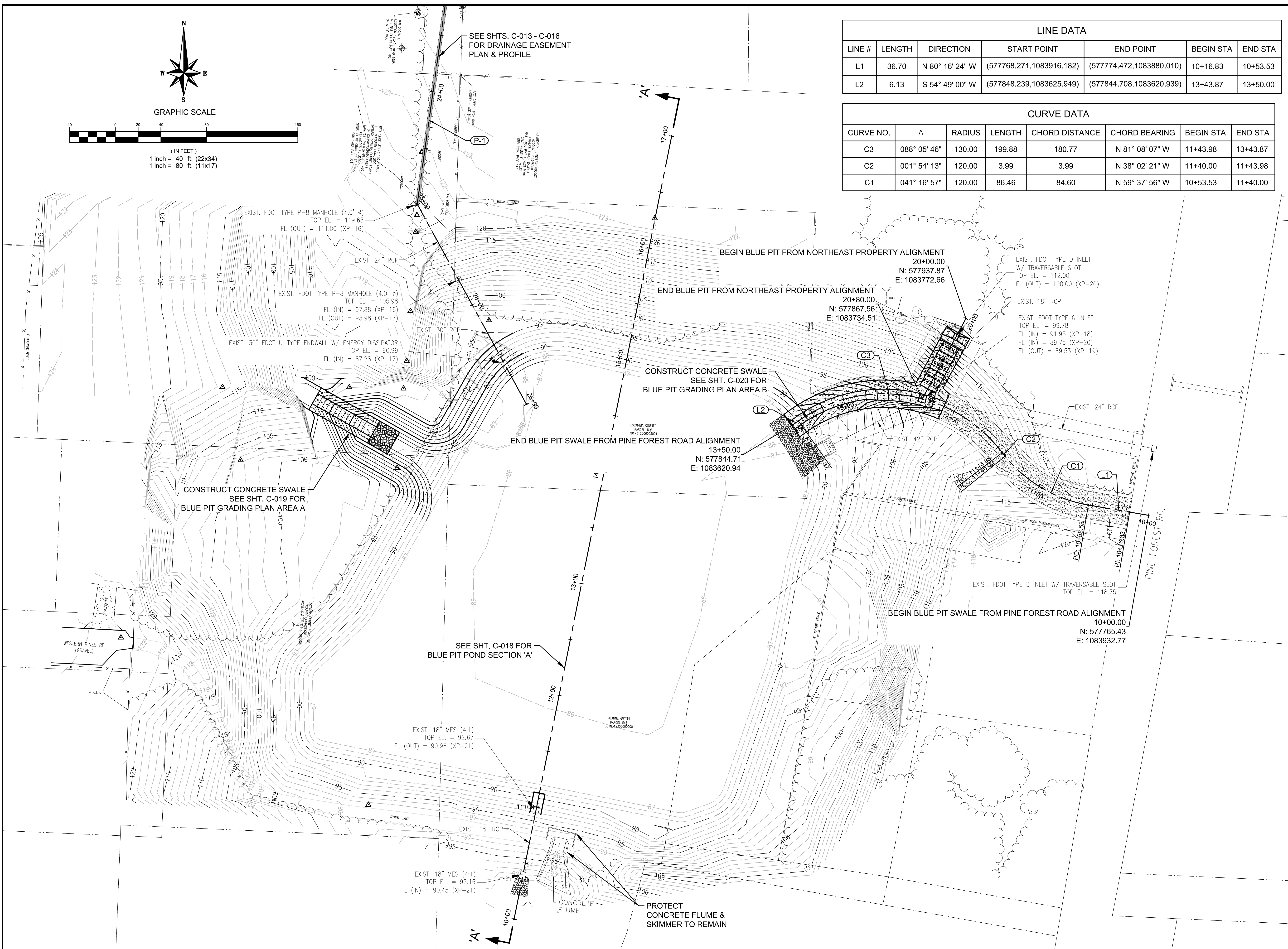
User Name: RL05268
 Title: Surveyor
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 Drawing Name: C-016 Plan & Profile Drainage Easement.dwg
 Plot File Name:

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LINE DATA						
LINE #	LENGTH	DIRECTION	START POINT	END POINT	BEGIN STA	END STA
L1	36.70	N 80° 16' 24" W	(577768.271,1083916.182)	(577774.472,1083880.010)	10+16.83	10+53.53
L2	6.13	S 54° 49' 00" W	(577848.239,1083625.949)	(577844.708,1083620.939)	13+43.87	13+50.00

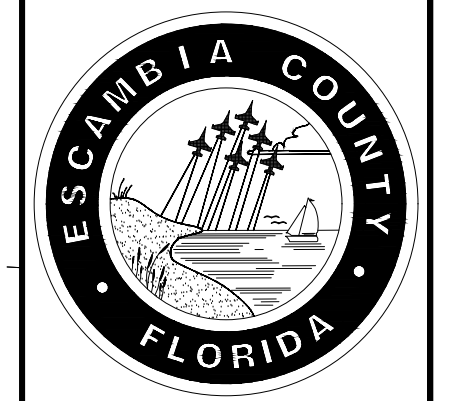
CURVE DATA							
CURVE NO.	Δ	RADIUS	LENGTH	CHORD DISTANCE	CHORD BEARING	BEGIN STA	END STA
C3	088° 05' 46"	130.00	199.88	180.77	N 81° 08' 07" W	11+43.98	13+43.87
C2	001° 54' 13"	120.00	3.99	3.99	N 38° 02' 21" W	11+40.00	11+43.98
C1	041° 16' 57"	120.00	86.46	84.60	N 59° 37' 56" W	10+53.53	11+40.00



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EA - 0000035 EB - 0000155 LB - 0000783

CROCKET ST. DRAINAGE IMPROVEMENTS PHASE II
ESCAMBIA COUNTY, FLORIDA



DATE	DESIGNED BY	DRAWN BY	PROJECT ENGINEER	PROJECT MANAGER	M.M. PROJECT NUMBER
JANUARY 2020	S. WHITE G. EDWARDS	C. RILEY	S. WHITE	S. WHITE	333166

BID PLANS

STEVEN D. WHITE, P.E.
FLORIDA LICENSE NO. 58809

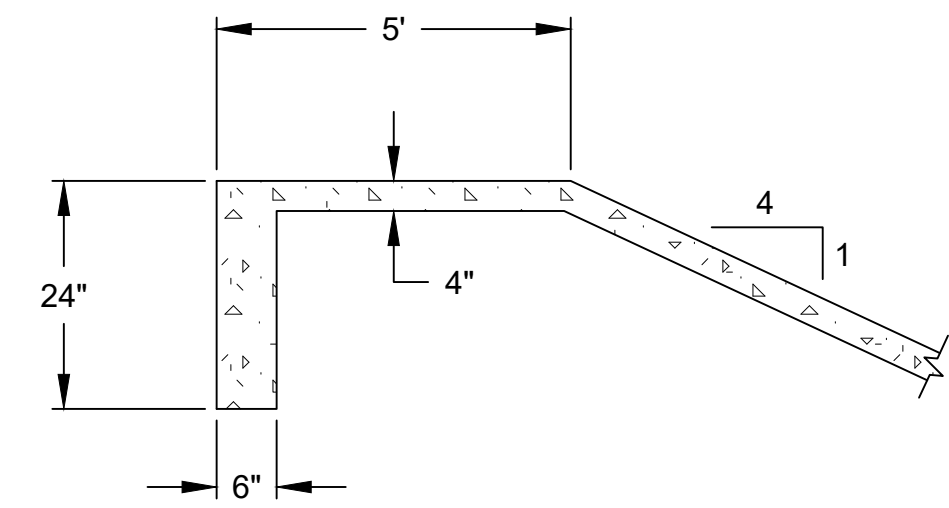
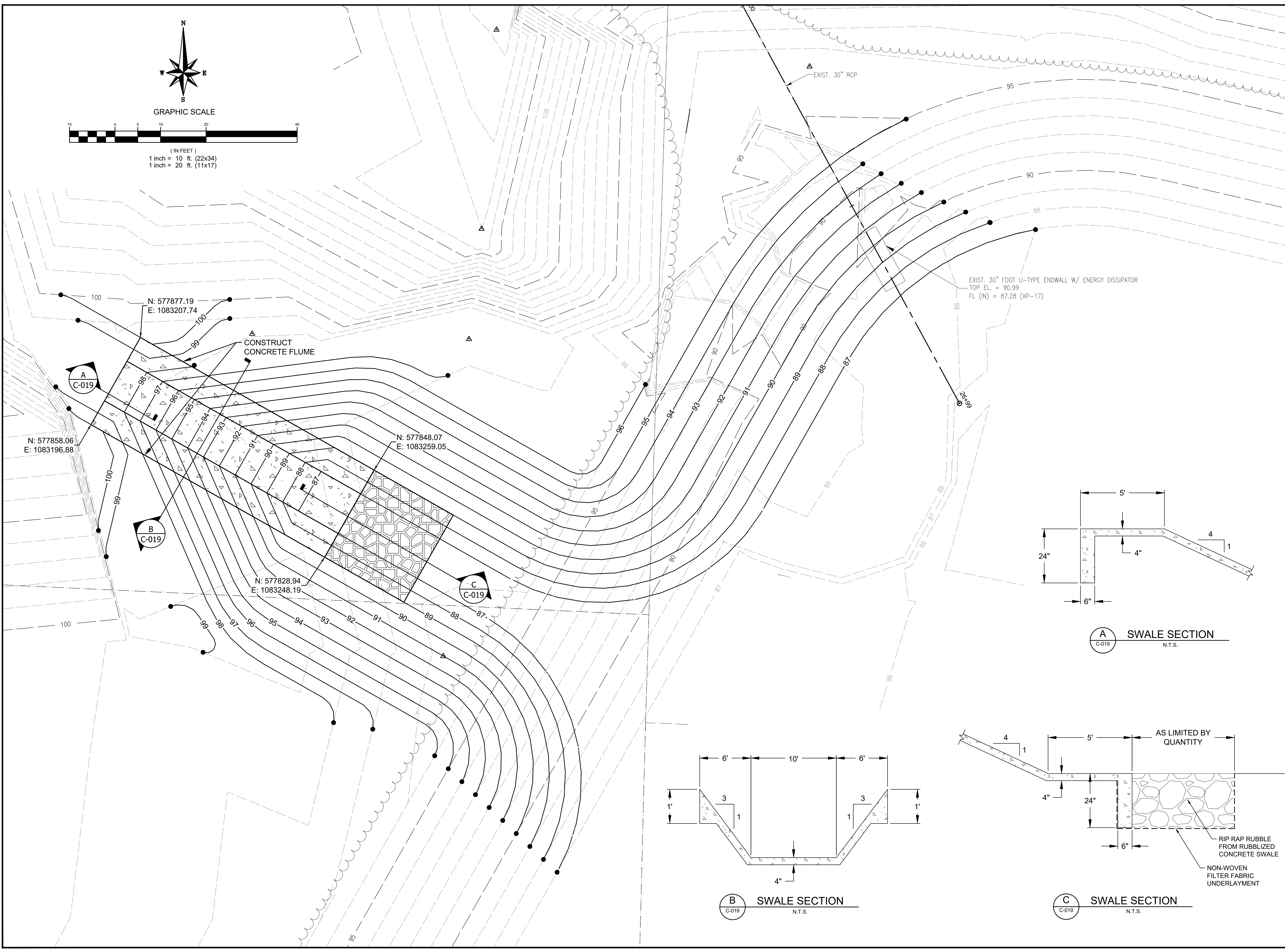
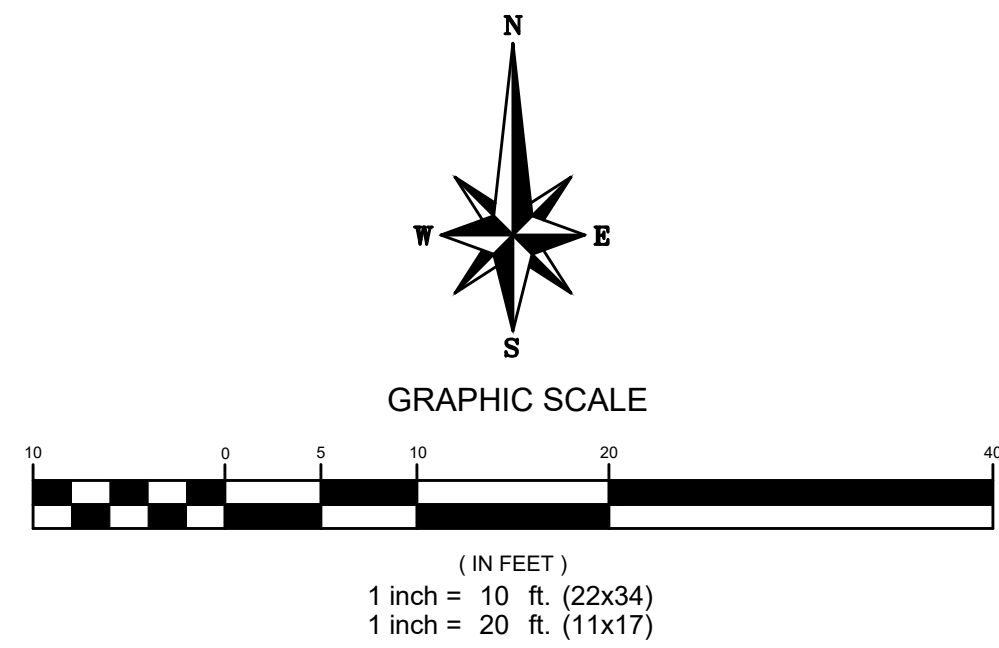
DATE _____ AFFIX SEAL

SHEET TITLE:
BLUE PIT EXPANSION PLAN

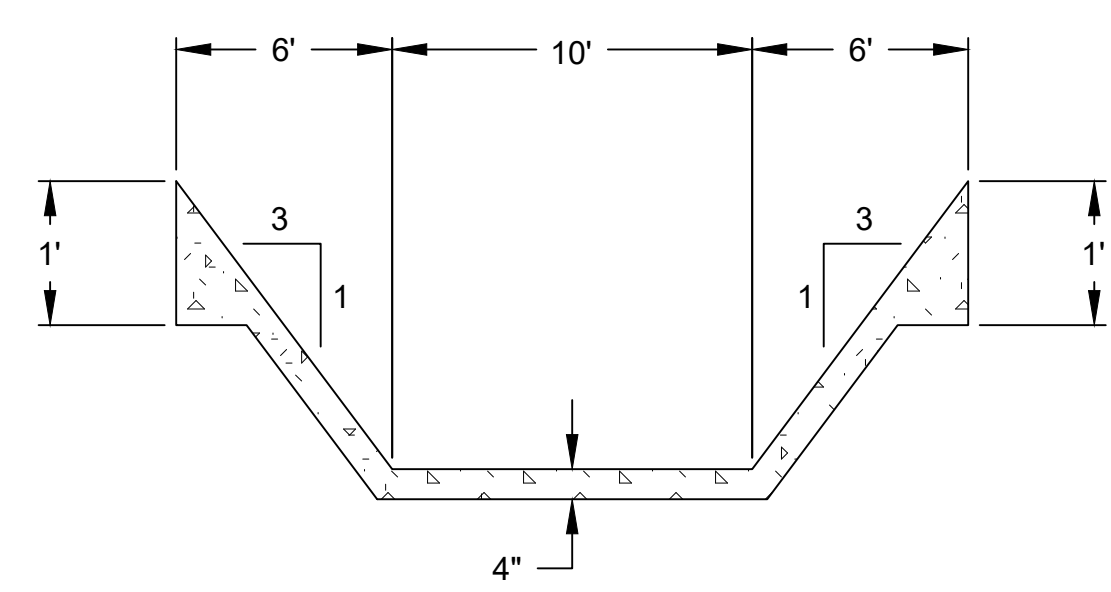
SHEET NUMBER:
C-017

User Name: R1605268
To: State File: 2020_3_16.08PM
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Drawing Name: C-017 Blue Pit Expansion Plan.dwg
Plot File Name:

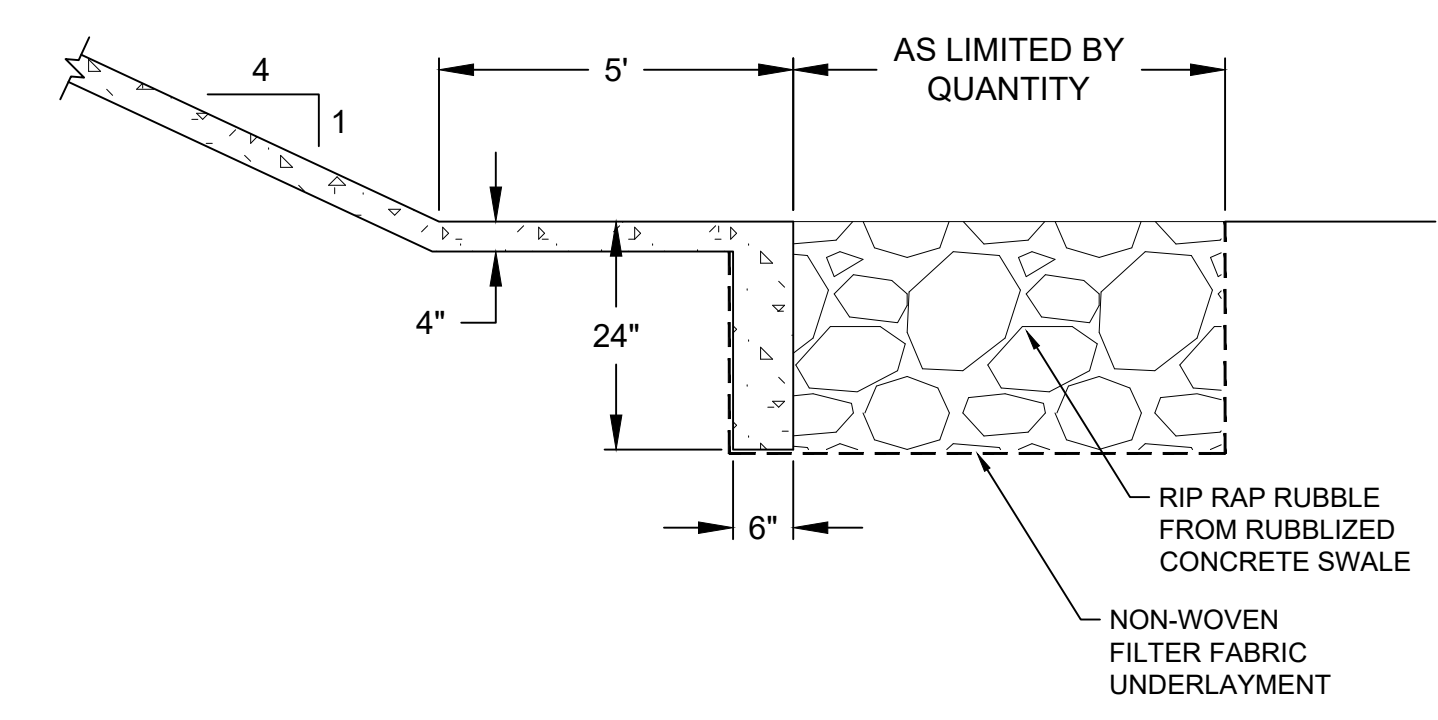
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A SWALE SECTION
C-019 N.T.S.



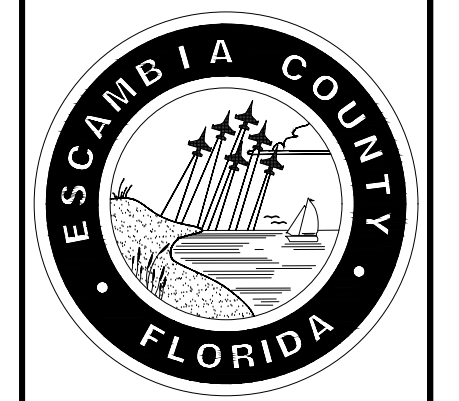
B SWALE SECTION
C-019 N.T.S.



C SWALE SECTION
C-019 N.T.S.

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CROCKET ST. DRAINAGE IMPROVEMENTS PHASE II
ESCAMBIA COUNTY, FLORIDA



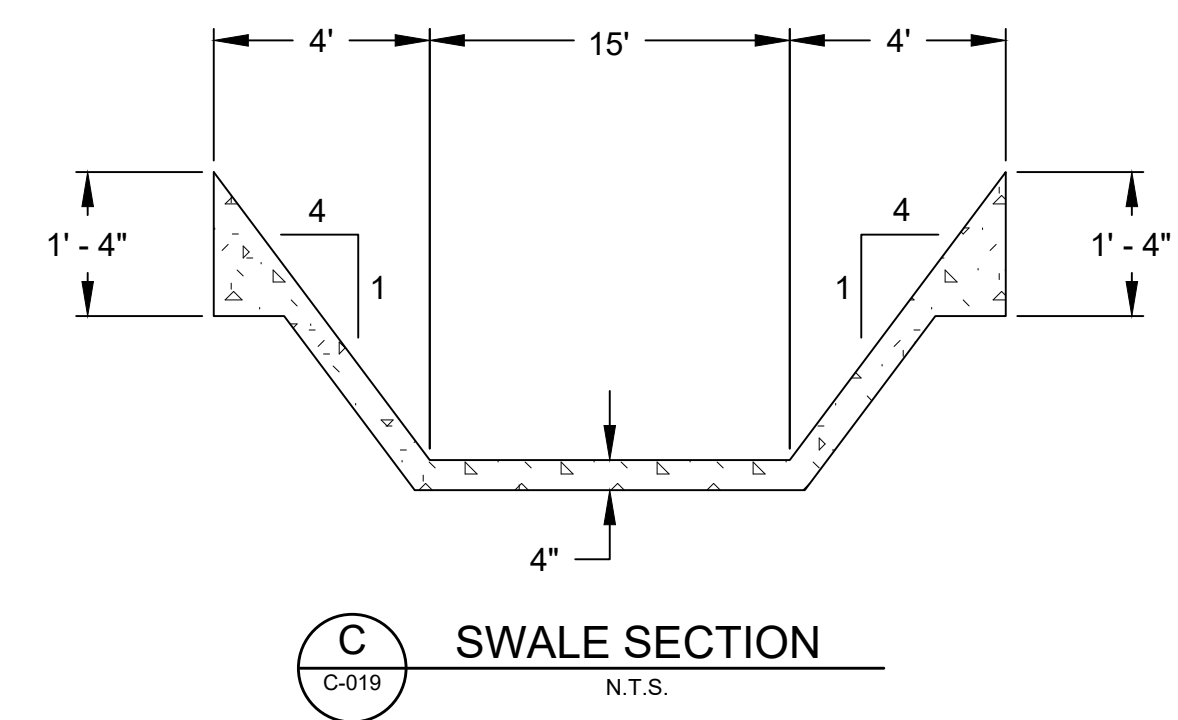
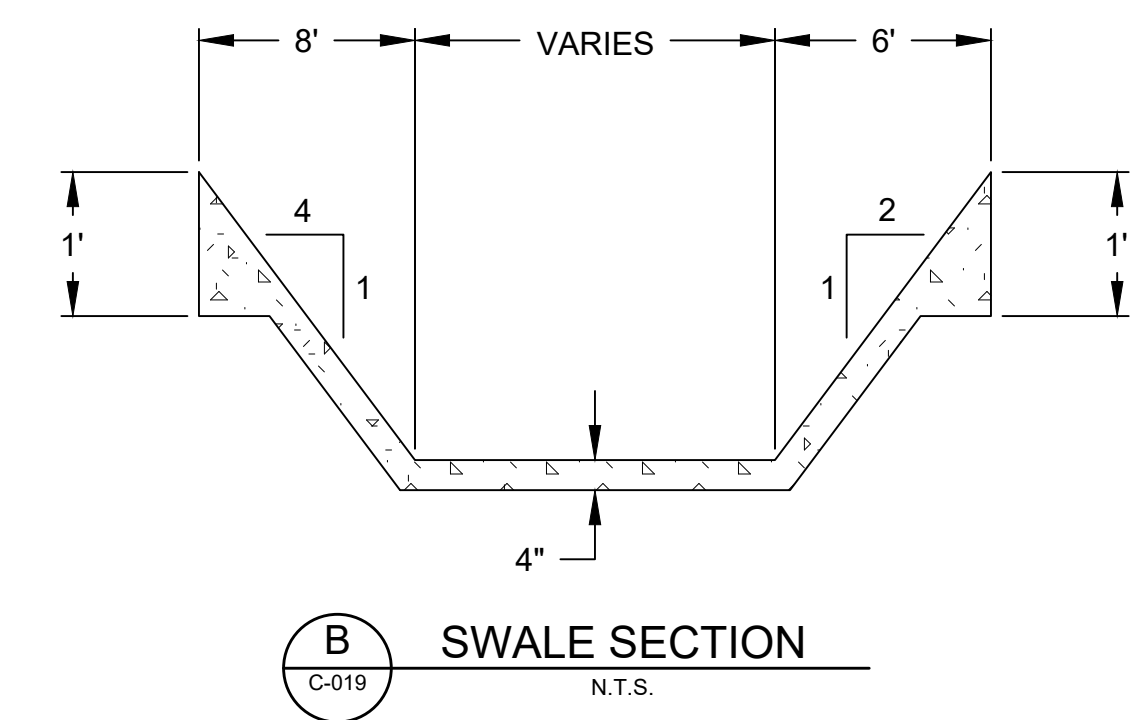
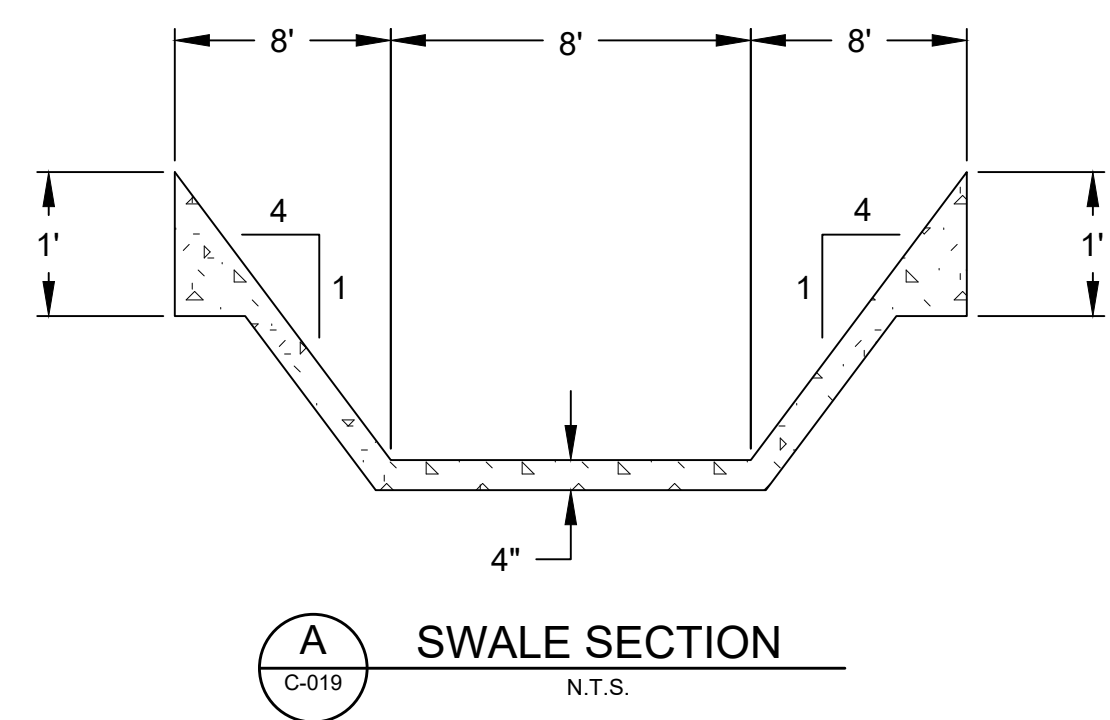
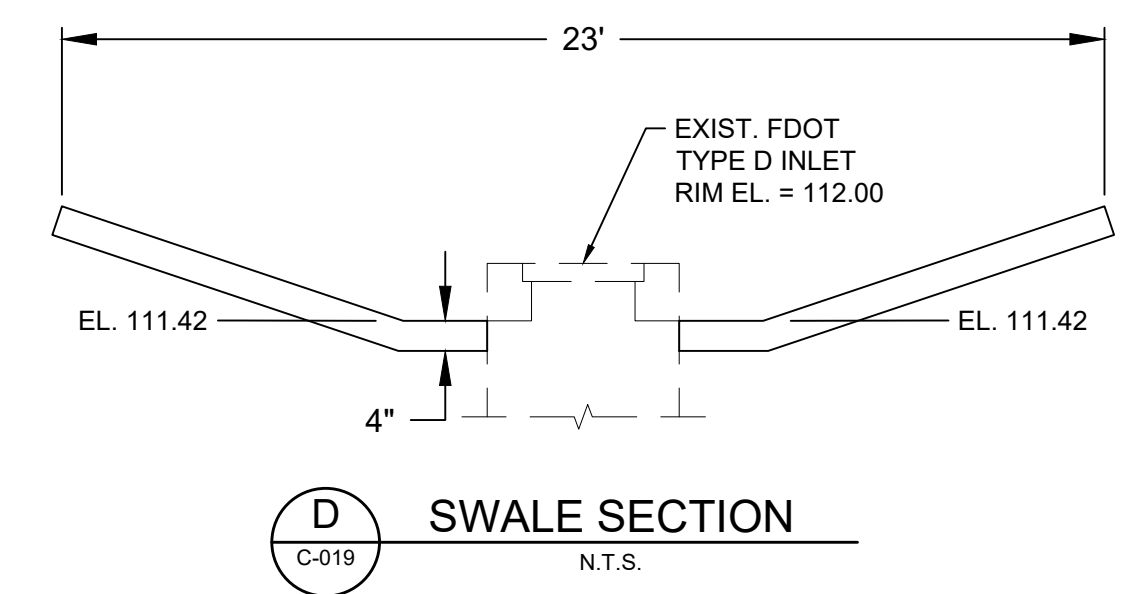
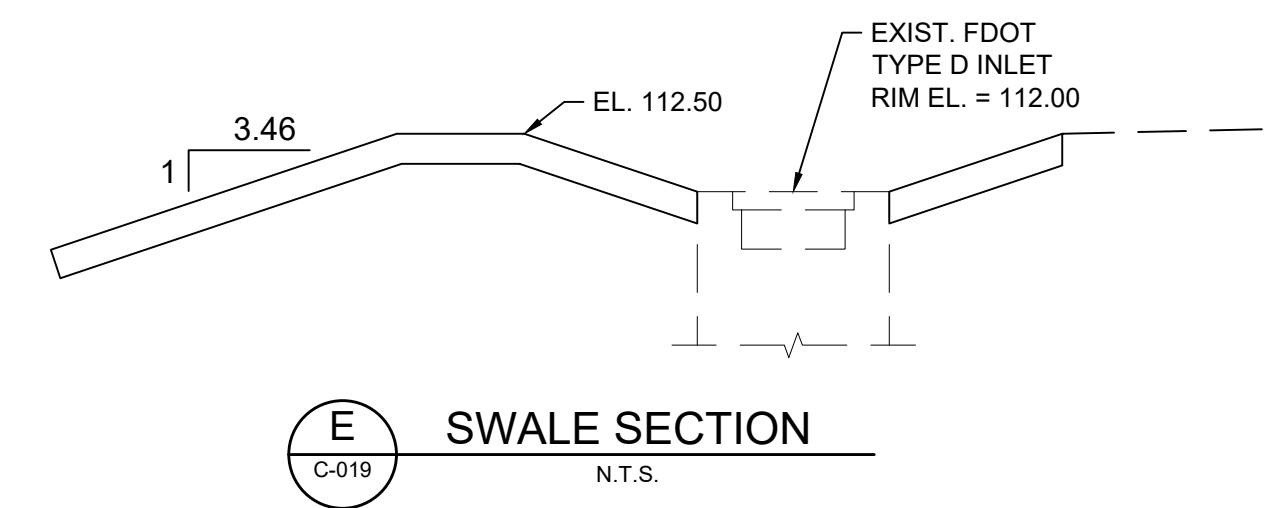
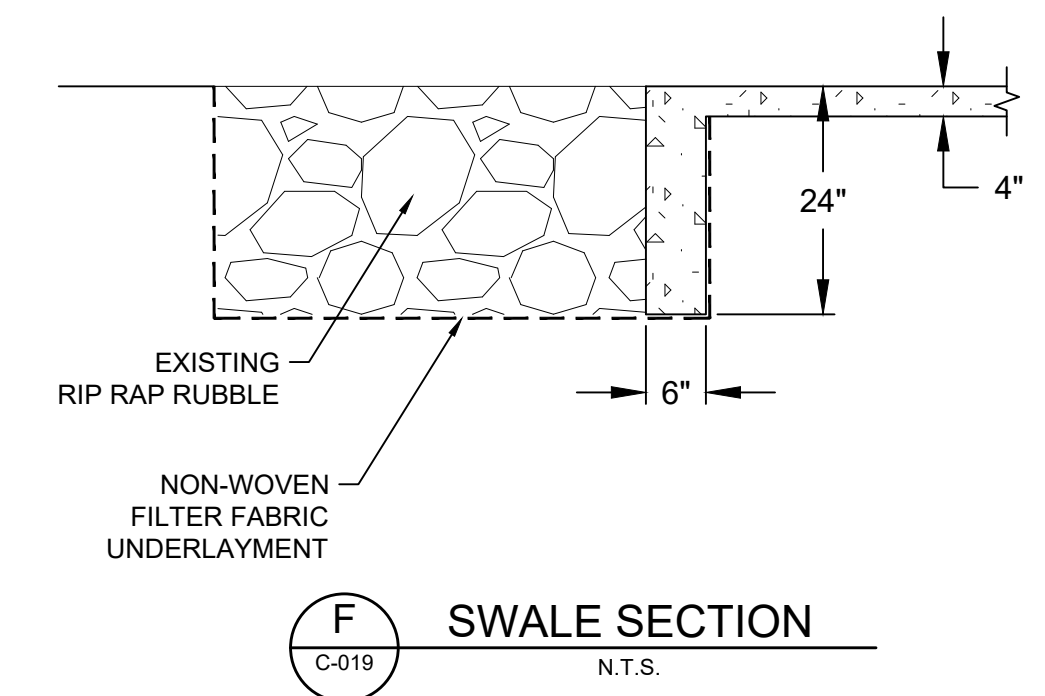
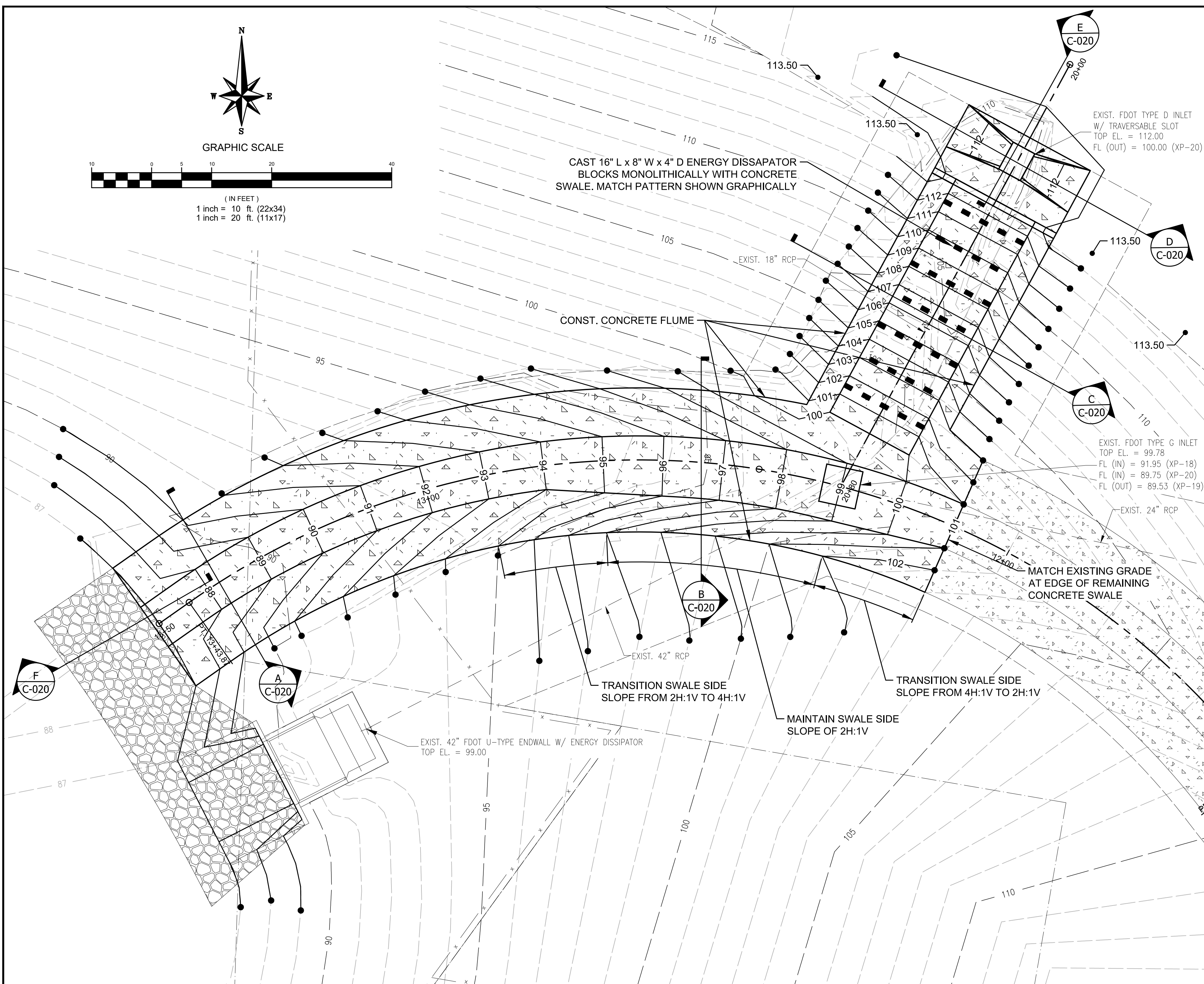
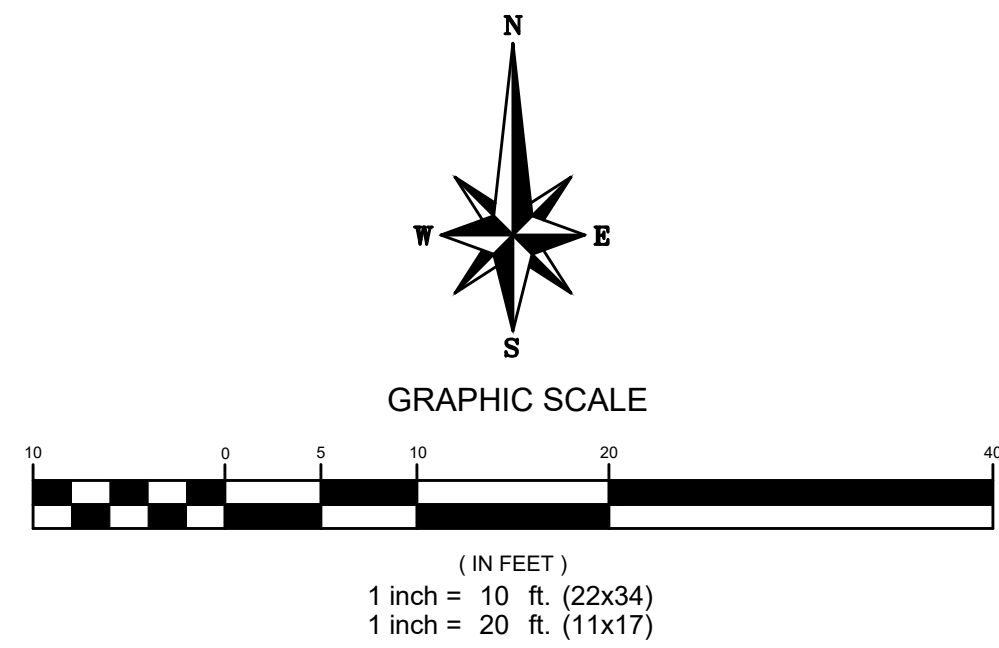
DATE	DESIGNED BY	DATE	REV.	REVISION DESCRIPTION
JANUARY 2020	S. WHITE			
	G. EDWARDS			
	C. RILEY			
	S. WHITE			
	S. WHITE			
	M.M. PROJECT NUMBER: 333166			

BID PLANS
STEVEN D. WHITE, P.E.
FLORIDA LICENSE NO. 58809
DATE _____ AFFIX SEAL

SHEET TITLE:
BLUE PIT GRADING PLAN AREA A
SHEET NUMBER:
C-019

Users Name: RLK05268
Title: State File: 3/2020 - 3:17:10PM
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Plot File Name:

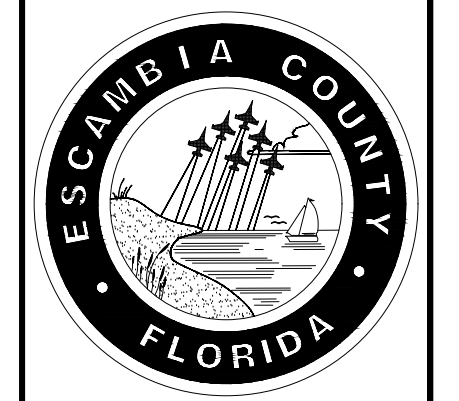
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User Name: R165258
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 Drawing Path: P:\333166 - crockett street & certified circle\Drawings\Civil\cad drawings\Sheets\Plan_Swt
 Drawing Name: C-020 Blue Pit Grading Plan Area B.dwg
 Plot File Name:

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 AA-C000035 EB-0000155 LB-0000783

CROCKET ST. DRAINAGE IMPROVEMENTS PHASE II
 ESCAMBIA COUNTY, FLORIDA



DATE	REV.	REVISION DESCRIPTION
JANUARY 2020		
DESIGNED BY:	S. WHITE	
DRAWN BY:	G. EDWARDS	
PROJECT ENGINEER:	C. RILEY	
PROJECT MANAGER:	S. WHITE	
M.M. PROJECT NUMBER:	S. WHITE	333166

BID PLANS
 STEVEN D. WHITE, P.E.
 FLORIDA LICENSE NO. 58809
 DATE _____ AFFIX SEAL

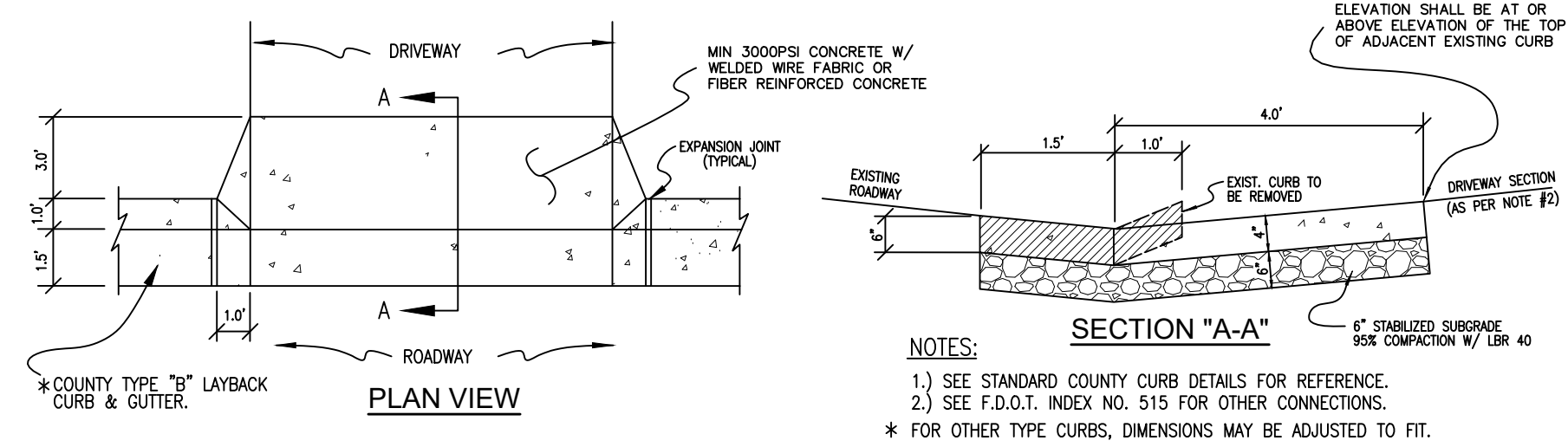
SHEET TITLE:
BLUE PIT GRADING PLAN AREA B
 SHEET NUMBER:
C-020

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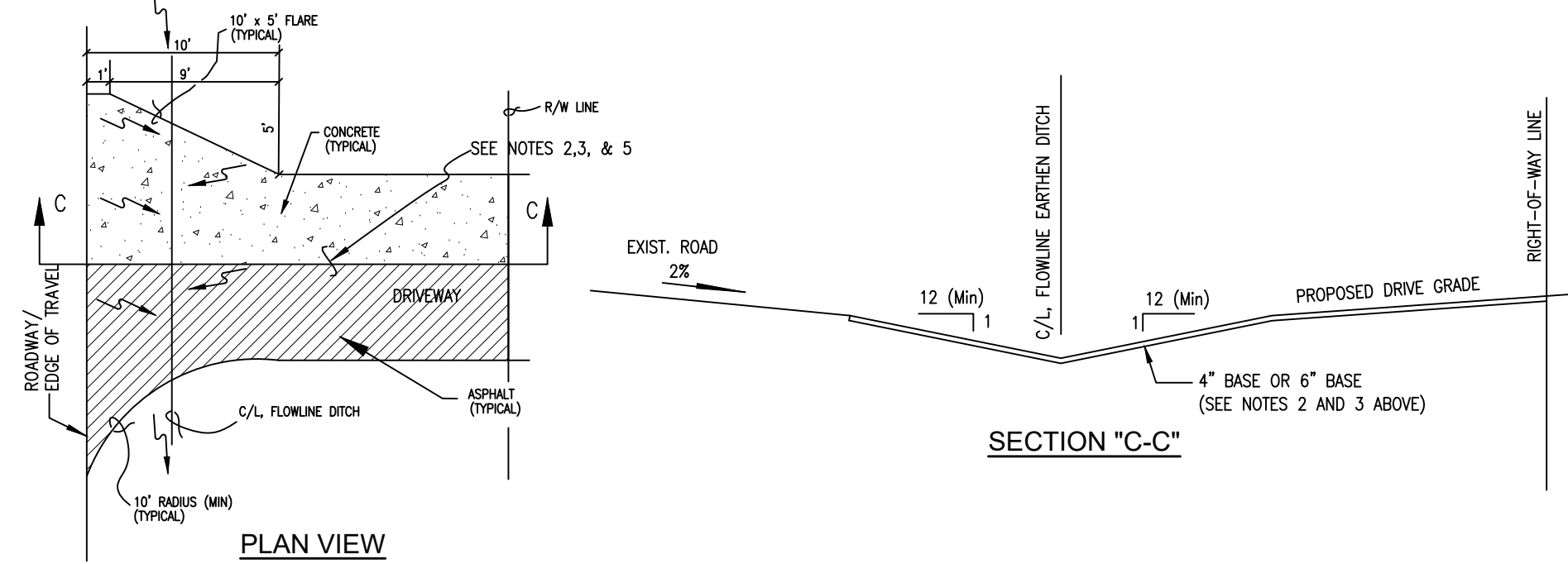
NOTES:

- ALL MATERIALS AND LABOR FOR INSTALLATION WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
- DRIVEWAYS ABUTTING PAVED ROADS SHALL BE 1-1/2" ASPHALT WITH 6" STABILIZED SUBGRADE OR 4" TO 6" CONCRETE WITH 4" STABILIZED SUBGRADE ~ 95% COMPACTION (MODIFIED PROCTOR) WITH LBR 40 BETWEEN EDGE OF ROADWAY AND R/W LINE.
- DRIVEWAYS ABUTTING A DIRT ROAD SHALL BE MILLED ASPHALT, GRADED AGGREGATE BASE, OR WASHED CONCRETE (4" IN DEPTH) ON THE COUNTY MAINTAINED PORTION OF DRIVEWAY.
- IF NECESSARY, REFER TO F.D.O.T. INDEX DETAILS AS REFERENCED BELOW.
- RADIUS OR FLARE IS ACCEPTABLE FOR TYPE II OR TYPE III CONNECTIONS.
- DRIVEWAYS WITHIN PROPERTY BOUNDARY SHALL PROVIDE A MINIMUM OF 2 PARKING SPACES.
- TYPICAL DRIVEWAY SECTIONS ARE TO BE 12' WIDE MINIMUM.

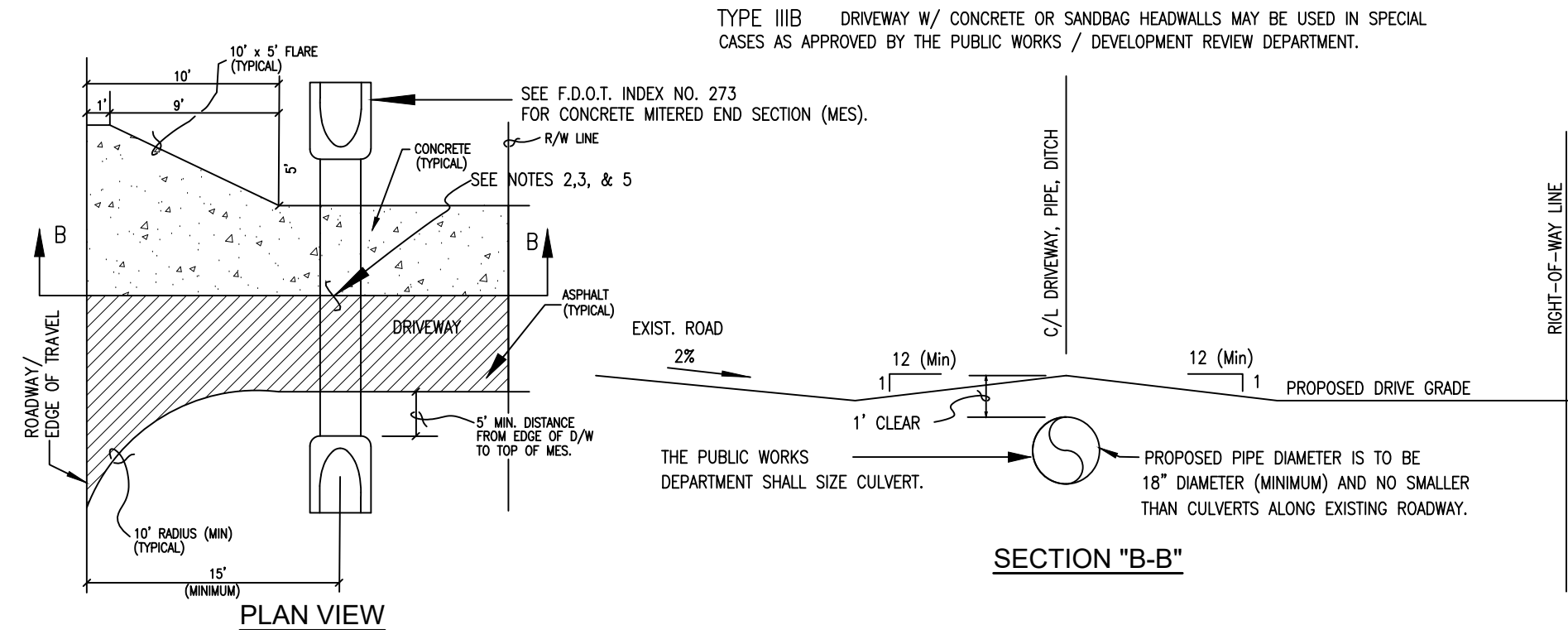
TYPE I CURB CUT DRIVEWAY FOR COUNTY TYPE "B" LAYBACK CURBS.



TYPE II DIPPED DRIVEWAY WITHOUT CROSS PIPE (CULVERT)



TYPE III-A CROSS PIPE (CULVERT) DRIVEWAY



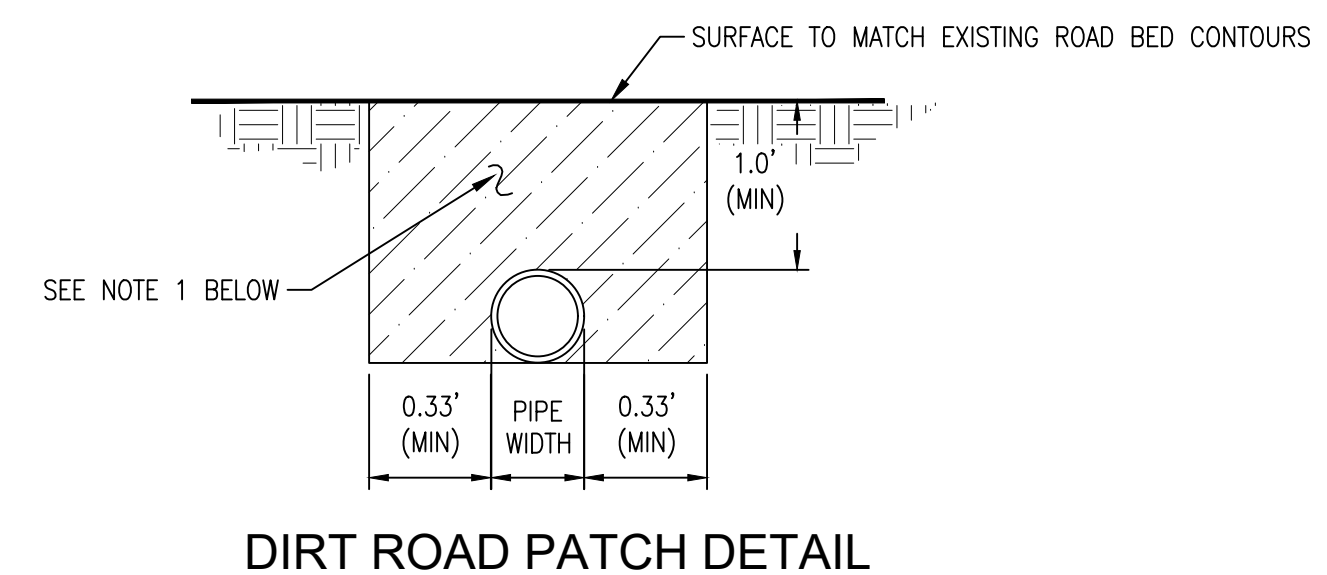
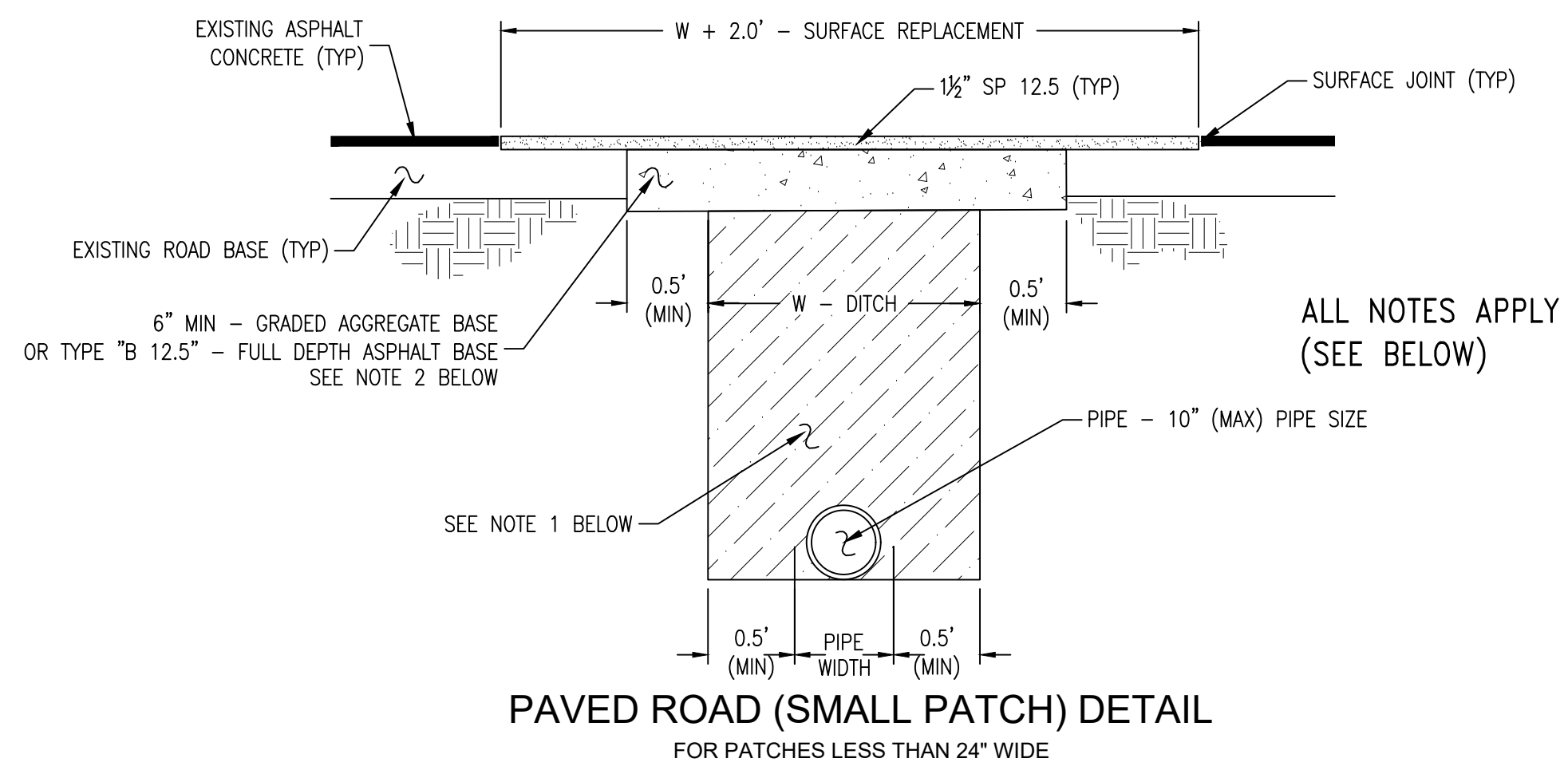
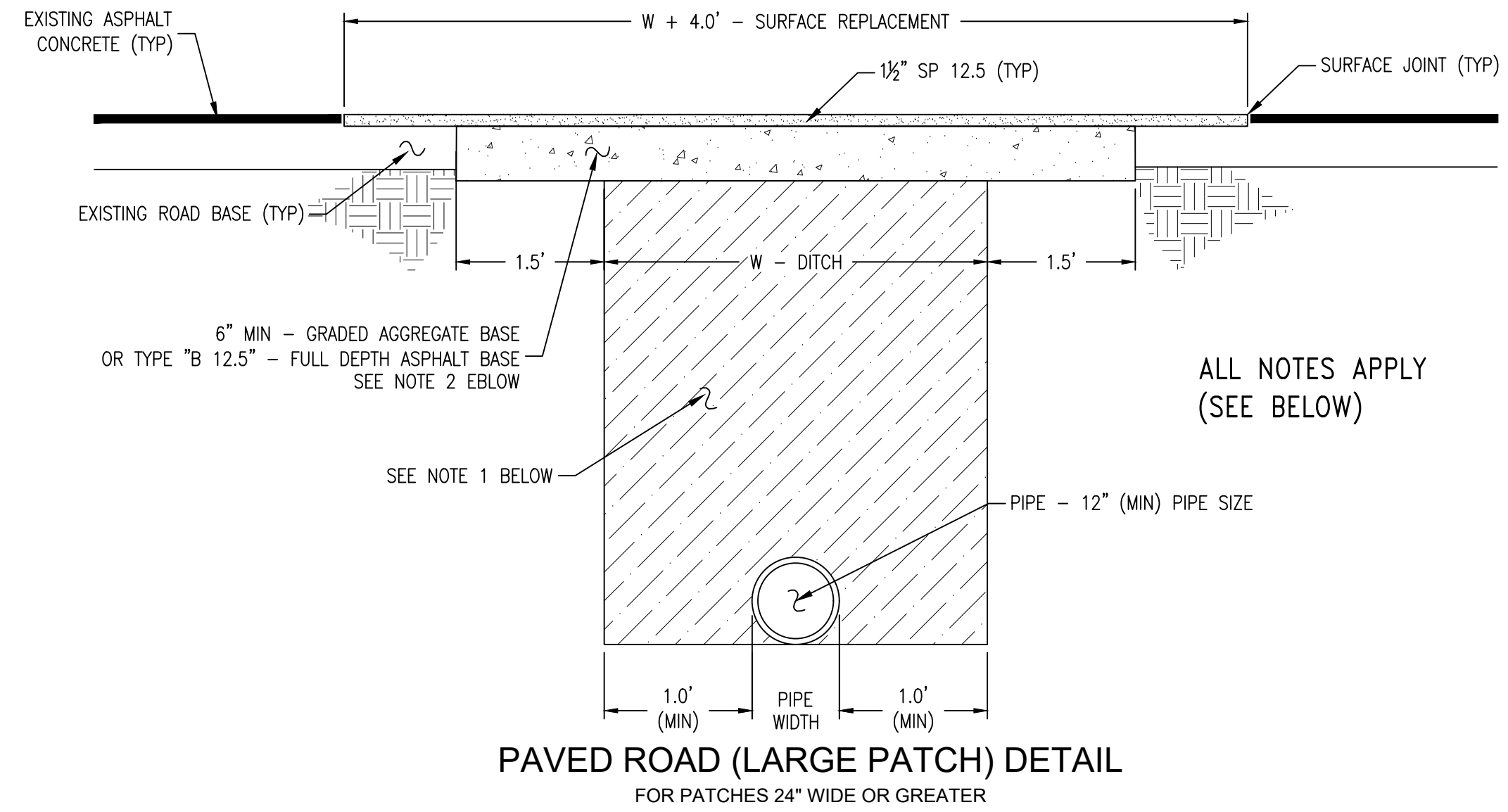
TYPE IV SPECIAL DRIVEWAY CONNECTION

TYPE IV-A REQUIRES A F.D.O.T. CONNECTION PERMIT (PROVIDE APPROVED F.D.O.T. PERMIT TO OBTAIN COUNTY APPROVAL). REFER TO INDEX NO. 515 AND CONTACT F.D.O.T. AT (850) 981-3000. MAY REQUIRE PLANS PREPARED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER (P.E.).

TYPE IV-B SPECIAL INNOVATIVE CONNECTION AS DESIGNED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER (P.E.) AND AS APPROVED BY THE APPROPRIATE PUBLIC WORKS / DEVELOPMENT REVIEW STAFF. ATTACH PLAN FOR REVIEW.

TYPICAL DRIVEWAY CONNECTION STANDARDS FOR EXISTING ROADWAY CONDITIONS

N.T.S.



NOTES:

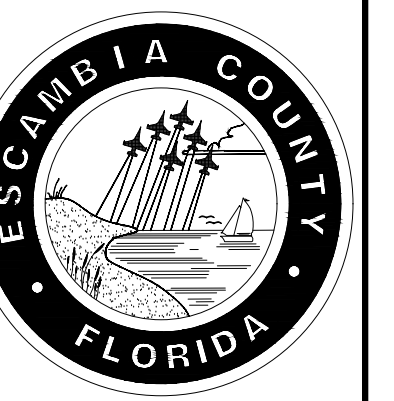
- DIRT ROAD PATCH WORK SUB BASE MATERIAL SHALL BE PLACED IN NOT MORE THAN 8" LIFTS. EACH LAYER TO BE TAMPED TO A MINIMUM OF 40 LBR.
- GRADED AGGREGATE BASE SHALL BE COMPACTED TO A MIN LBR 100.
- ROAD CUTS SHALL BE MECHANICALLY SAW CUT TO FORM A SURFACE PAVEMENT JOINT AND TACK COATED ALONG THE FACE OF CUT JOINTS PRIOR TO ASPHALT PLACEMENT.
- LONGITUDINAL ROAD CUTS THAT AFFECT ONE TRAVEL LANE SHALL REQUIRE MILLING AND REPAVING OF THE AFFECTED TRAVEL LANE 5.0' BEYOND THE CUT AND PATCHED WITH THE SAME BASE MATERIAL. LONGITUDINAL ROAD CUTS THAT AFFECT BOTH TRAVEL LANES SHALL REQUIRE MILLING AND REPAVING OF THE ENTIRE ROADWAY 5.0' BEYOND THE CUT AND PATCHED WITH THE SAME BASE MATERIAL.

ESCAMBIA COUNTY PATCH DETAILS

N.T.S.

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 Engineers Surveyors
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 AA-C000035 EB-0000155 LB-0000783

MOTT MACDONALD
 CROCKET ST. DRAINAGE IMPROVEMENTS PHASE II
 ESCAMBIA COUNTY, FLORIDA



DATE	REV.	REVISION DESCRIPTION

DESIGNED BY:	S. WHITE
DRAWN BY:	G. EDWARDS
PROJECT ENGINEER:	C. RILEY
PROJECT MANAGER:	S. WHITE
M.M. PROJECT NUMBER:	S. WHITE
	333166

BID PLANS

STEVEN D. WHITE, P.E.
 FLORIDA LICENSE NO. 58809

DATE _____ AFFIX SEAL

SHEET TITLE:
DETAILS

SHEET NUMBER:
C-021

User Name: RL05268
 To: State File: 3/20/2020 - 3:17:47PM
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 Drawing Name: C-021 Details.dwg
 Plot File Name:

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User Name: R16526
 Title: Surveyor
 Drawing Path: P:\333166 - crockett street & crescent street\Drawings\Civil\Drawings\Sheets\Plan Set
 Plot File Name: C-022 Details.dwg

GENERAL NOTES

- These inlets are designed for use in ditches, medians, pavement areas, or other areas subject to heavy wheel loads, minimal debris, and bicycle traffic. This inlet may be placed in areas subject to occasional pedestrian traffic such as landscaped areas and pavement areas where pedestrians can walk around the inlet. When inlet is placed in areas subject to bicycle traffic, install filler bar when clearance or gap is greater than 1" as shown in Index 218 Inset B.
- When Alternate G grate is specified in plans, the grate is to be hot dip galvanized after fabrication.
- These inlets may be used with Alternate B structure bottoms, Index 200. The inlet and bottom combinations are to be paid for under the contract unit price for inlets (DT Bot) (Type F or G) (1 Bot, Depth), Ea.
- All exposed edges and corners shall be 3/4" chamfer or tool to 1/2" radius.
- For supplemental details, see Index 201.
- All reinforcing is Grade 60 bars with 2" min. cover unless otherwise noted. Bars to be cut or bent for 1/2" clearance around pipe opening. Provide one additional #4 bar above and at each side of pipe opening, as shown.
- All dimensions are for both precast and cast-in-place inlets unless otherwise noted.

RECOMMENDED MAXIMUM PIPE SIZES

INLET INSIDE WIDTH	PIPE SIZE
2'-0" (Type F)	18"
4'-0" (Type F)	30"
4'-10" / 5'-0" (Type G)	42"

NOTE: Recommended sizes are for concrete pipe. Sizes for other types of pipe must be verified for fit in accordance with Index No. 201. For larger pipe sizes see Note 3.

PAVEMENT AND SODDING

1. Pavement and/or sod to be used only where called for in the plans.
 2. Cost of paving to be included in cost of inlet.

LAST REVISION: 07/01/16 DESCRIPTION: FY 2017-18 DESIGN STANDARDS DITCH BOTTOM INLET TYPES F AND G INDEX NO. 233 SHEET NO. 1 of 2

GENERAL NOTES

- These inlets are designed for use in ditches, medians, pavement areas, or other areas subject to heavy wheel loads, minimal debris, and bicycle traffic. This inlet may be placed in areas subject to occasional pedestrian traffic such as landscaped areas and pavement areas where pedestrians can walk around the inlet. When inlet is placed in areas subject to bicycle traffic, install filler bar when clearance or gap is greater than 1" as shown in Index 218 Inset B.
- When Alternate G grate is specified in plans, the grate is to be hot dip galvanized after fabrication.
- These inlets may be used with Alternate B structure bottoms, Index 200. The inlet and bottom combinations are to be paid for under the contract unit price for inlets (DT Bot) (Type F or G) (1 Bot, Depth), Ea.
- All exposed edges and corners shall be 3/4" chamfer or tool to 1/2" radius.
- For supplemental details, see Index 201.
- All reinforcing is Grade 60 bars with 2" min. cover unless otherwise noted. Bars to be cut or bent for 1/2" clearance around pipe opening. Provide one additional #4 bar above and at each side of pipe opening, as shown.
- All dimensions are for both precast and cast-in-place inlets unless otherwise noted.

RECOMMENDED MAXIMUM PIPE SIZES

INLET INSIDE WIDTH	PIPE SIZE
2'-0" (Type F)	18"
4'-0" (Type F)	30"
4'-10" / 5'-0" (Type G)	42"

NOTE: Recommended sizes are for concrete pipe. Sizes for other types of pipe must be verified for fit in accordance with Index No. 201. For larger pipe sizes see Note 3.

PAVEMENT AND SODDING

1. Pavement and/or sod to be used only where called for in the plans.
 2. Cost of paving to be included in cost of inlet.

LAST REVISION: 07/01/16 DESCRIPTION: FY 2017-18 DESIGN STANDARDS DITCH BOTTOM INLET TYPES F AND G INDEX NO. 233 SHEET NO. 2 of 2

DIMENSIONS & QUANTITIES

Rise R	Span S	X	A	B	C	E	F	G	H	CONCRETE (CY)				SODDING (SY)										
										Single Pipe	Double Pipe	Triple Pipe	Quad Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad Pipe							
12"	18"	2'-10"	2.36	3.06	5.42	3.03	5'	1.50	2.0	4.92	7.75	10.58	13.42	1.21	0.68	1.04	1.41	1.77	8	9	11	12		
14"	23"	3'-4"	2.44	3.75	6.19	3.70	6'	1.90	2.3	5.38	8.71	12.04	15.38	1.23	0.76	1.19	1.63	2.05	9	10	12	13		
19"	30"	4'-0"	2.62	5.47	8.09	5.36	6'	2.37	2.6	6.04	10.04	14.04	18.04	1.25	2 1/2"	0.95	1.52	2.09	2.65	10	12	13	15	
24"	38"	5'-0"	2.79	7.18	9.97	7.03	10'	2.85	3.0	6.79	11.79	16.79	21.79	1.31	2 1/2"	1.18	1.95	2.74	3.53	11	13	15	18	
29"	45"	5'-11"	3.05	8.90	11.95	8.70	12'	3.19	3.3	7.50	13.42	19.33	25.25	1.38	2 1/2"	1.41	2.42	3.44	4.45	12	15	18	20	
34"	53"	7'-0"	3.22	10.62	13.84	10.36	13'	3.57	3.6	8.25	15.29	22.29	29.29	1.42	3"	1.63	2.92	4.22	5.52	13	17	20	23	
38"	60"	7'-10"	3.39	11.99	15.38	11.70	15'	3.95	3.3	8.92	16.79	24.58	32.42	1.46	3"	1.83	3.36	4.89	6.41	14	18	21	25	
43"	68"	8'-11"	3.56	13.71	17.27	13.36	17'	4.28	3.6	9.67	18.58	27.50	36.42	1.50	3"	2.09	3.95	5.80	7.65	16	20	23	27	
48"	76"	9'-11"	3.73	15.43	19.07	15.03	19'	4.59	4.0	10.42	20.33	30.29	40.17	1.54	3"	HSS 5"x1/2"	2.37	4.54	6.73	8.92	17	21	26	30
53"	85"	10'-8"	3.91	17.15	21.06	16.70	20'	4.77	3.3	11.08	21.75	32.42	43.08	1.58	3"	HSS 5"x1/2"	2.61	5.09	7.56	10.03	18	23	27	32
58"	91"	11'-8"	4.08	18.87	22.95	18.36	22'	5.01	3.6	11.83	23.50	35.17	46.83	1.63	3 1/2"	HSS 5"x1/2"	2.91	5.77	8.64	11.50	19	24	29	35

Values shown for estimating pipe quantities and are for information only.

TOP VIEW-SINGLE PIPE

TOP VIEW-MULTIPLE PIPE

SECTION

NOTE: See Sheets 6 and 7 for details and general notes.

LAST REVISION: 07/01/13 DESCRIPTION: FY 2016-17 DESIGN STANDARDS SIDE DRAIN MITERED END SECTION INDEX NO. 273 SHEET NO. 4 of 7

DIMENSIONS & QUANTITIES

D	X	A	B	C	E	F	G	H	CONCRETE (CY)				SODDING (SY)									
									Single Pipe	Double Pipe	Triple Pipe	Quad Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad Pipe						
15"	2'-2"	2.27	4.09	6.36	4.03	8'	1.22	4.0	4.67	7.21	9.79	12.33	1.19	0.76	1.16	1.54	1.94	8	10	11	12	
18"	2'-10"	2.36	5.12	7.48	5.03	9'	1.41	4.0	4.92	7.75	10.58	13.42	1.21	0.85	1.28	1.71	2.17	9	10	12	13	
24"	3'-5"	2.53	7.18	9.71	7.03	11'	1.73	4.0	5.50	8.92	12.33	15.75	1.25	1.02	1.58	2.15	2.75	10	12	13	15	
30"	4'-3"	2.70	9.25	11.95	9.03	13'	2.00	4.0	6.08	10.33	14.58	18.83	1.29	2 1/2"	1.23	1.98	2.74	3.50	12	14	15	17
36"	5'-1"	2.87	11.31	14.18	11.03	15'	2.34	4.0	6.67	11.75	16.83	21.92	1.33	2 1/2"	1.40	2.38	3.33	4.24	13	15	17	20
42"	6'-0"	3.05	13.37	16.42	13.03	17'	2.45	4.0	7.25	13.25	19.25	25.25	1.38	2 1/2"	1.60	2.83	4.04	5.26	14	17	19	22
48"	6'-9"	3.22	15.43	18.65	15.03	19'	2.65	4.0	7.83	14.58	21.33	28.08	1.42	2 1/2"	1.81	3.26	4.70	6.14	15	18	21	24
54"	7'-8"	3.39	17.49	20.88	16.03	21'	2.83	4.0	8.42	16.08	23.75	31.42	1.46	3"	2.03	3.78	5.54	7.28	17	20	23	27
60"	8'-6"	3.56	19.55	23.11	18.03	23'	3.00	4.0	9.00	17.50	26.00	34.50	1.50	3"	2.28	4.36	6.43	8.50	18	22	25	29

Values shown for estimating pipe quantities and are for information only.

TOP VIEW-SINGLE PIPE

TOP VIEW-MULTIPLE PIPE

SECTION

NOTE: See Sheets 6 and 7 for details and general notes.

LAST REVISION: 07/01/02 DESCRIPTION: FY 2016-17 DESIGN STANDARDS SIDE DRAIN MITERED END SECTION INDEX NO. 273 SHEET NO. 1 of 7

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Engineers Surveyors
 Architects
 AA-C000035 EB-0000155 LB-0000783

CROCKET ST. DRAINAGE IMPROVEMENTS PHASE II
 ESCAMBIA COUNTY, FLORIDA



DATE	REVISION	DESCRIPTION
JANUARY 2020	DESIGNED BY: S. WHITE	
	DRAWN BY: G. EDWARDS	
	PROJECT ENGINEER: C. RILEY	
	PROJECT MANAGER: S. WHITE	
	M.M. PROJECT NUMBER: S. WHITE	
	AFFIX SEAL: 333166	

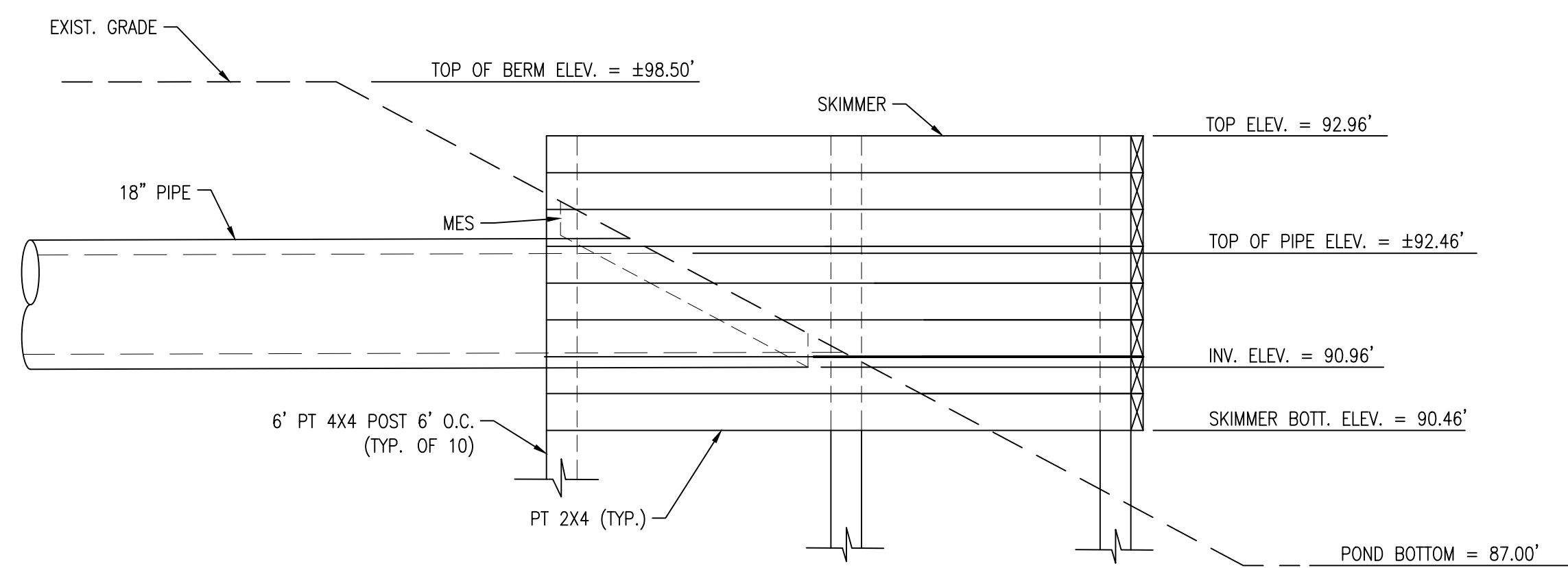
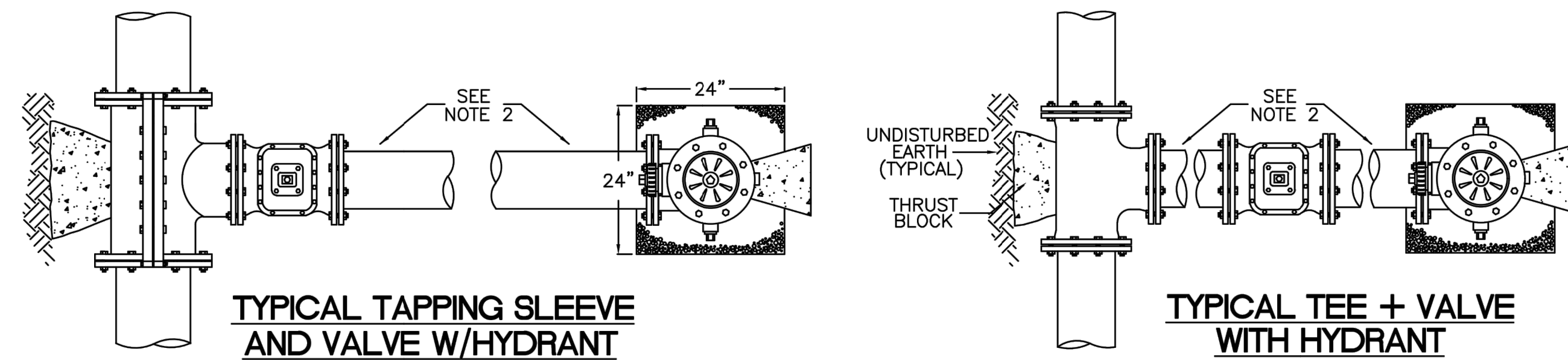
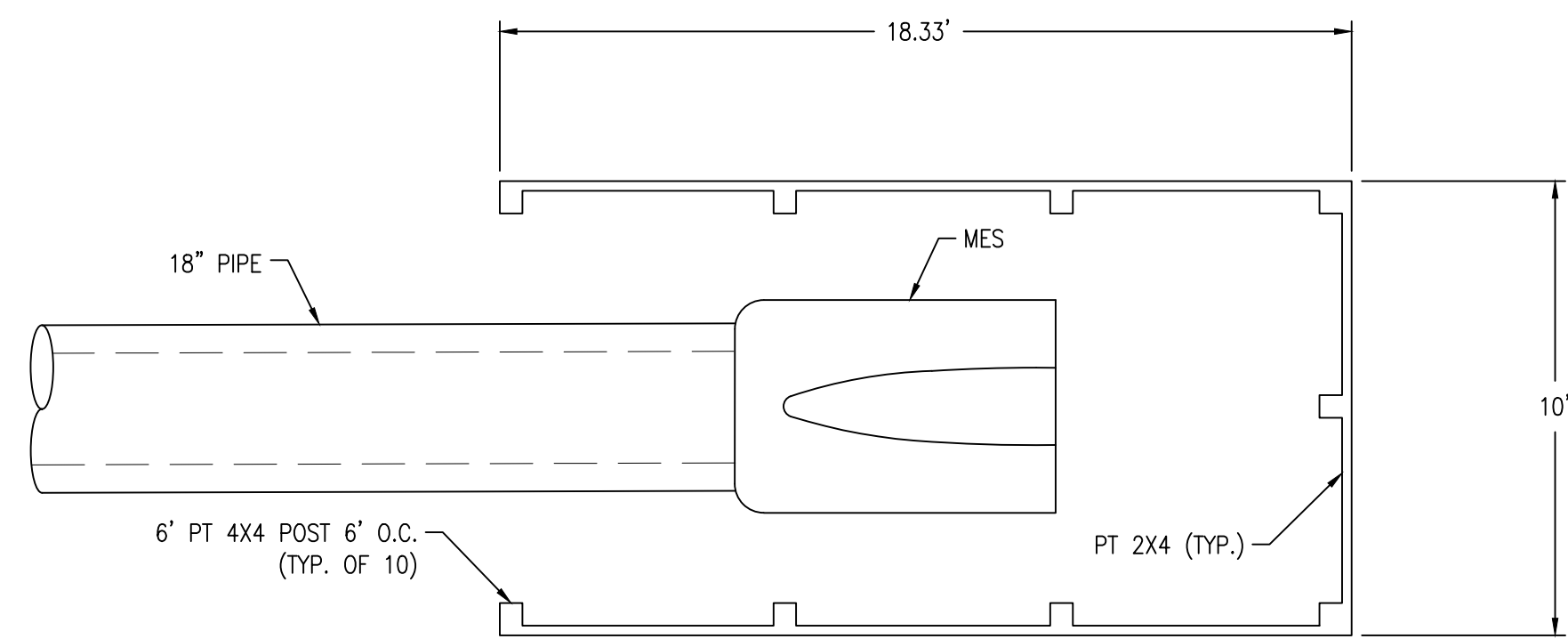
BID PLANS

DESIGNED BY: S. WHITE
 DRAWN BY: G. EDWARDS
 PROJECT ENGINEER: C. RILEY
 PROJECT MANAGER: S. WHITE
 M.M. PROJECT NUMBER: 333166

SHEET TITLE: DETAILS

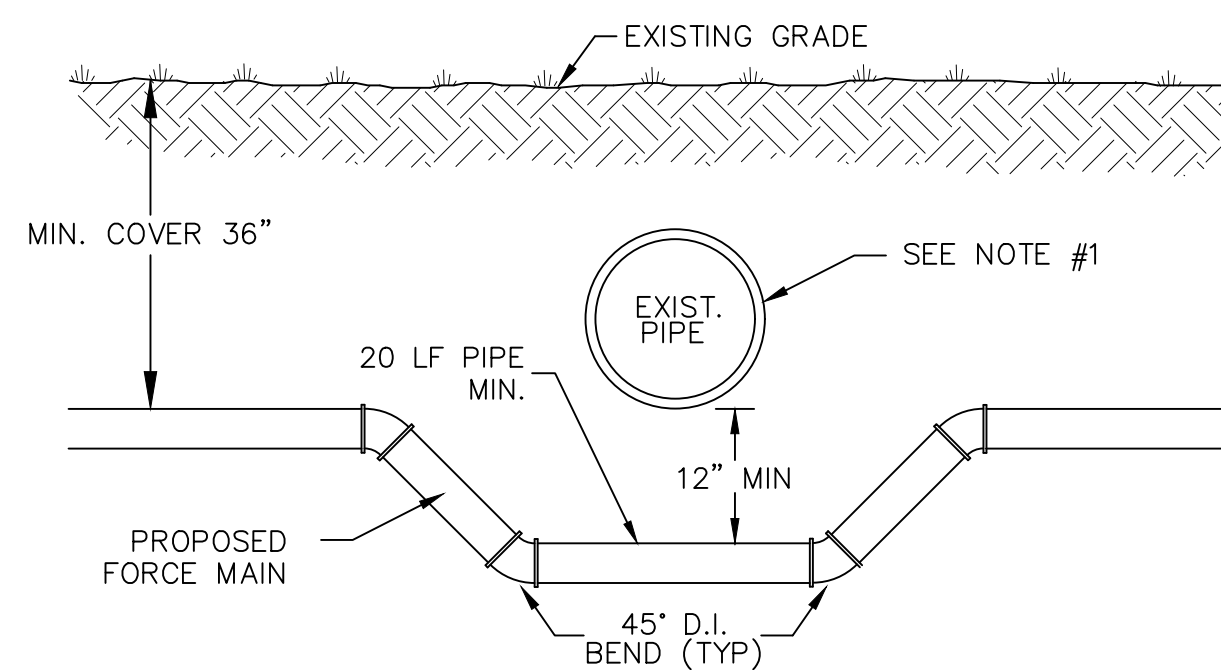
SHEET NUMBER: C-022

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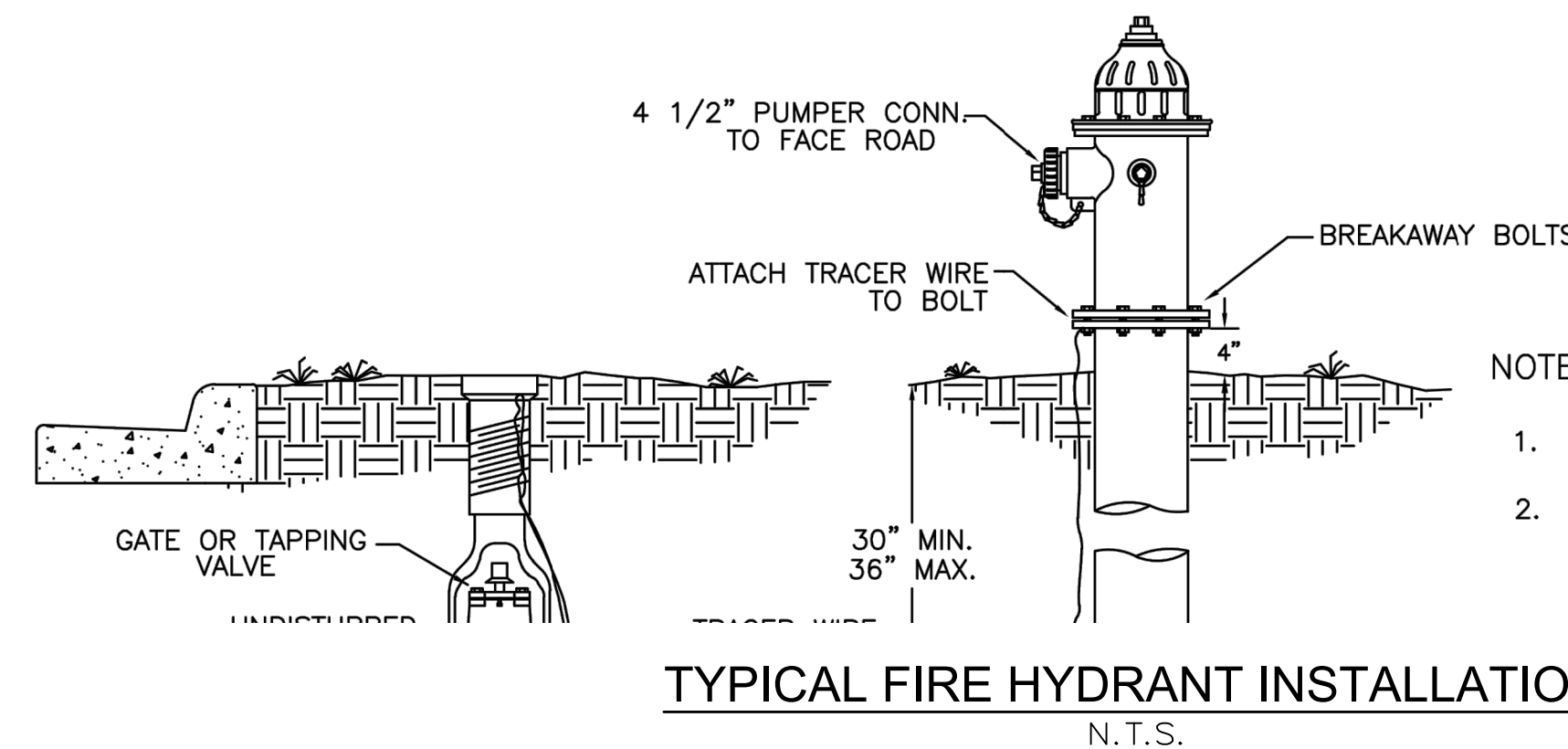


WOOD SKIMMER DETAIL
N.T.S.

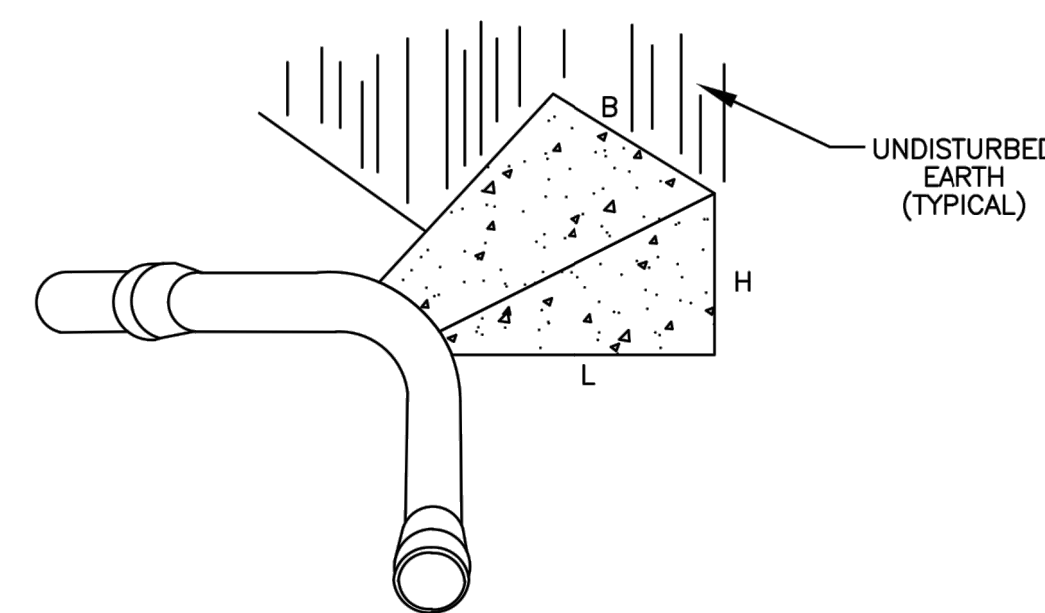
- NOTES:
- IF EXISTING PIPE IS WATER OR SEWER MAIN, REFER TO ENCASEMENT DETAIL FOR ADDITIONAL SPECIFICATIONS.
 - ALL FITTINGS ARE TO BE D.I. RESTRAINING JOINT TYPE.



- NOTES:
- CONTRACTOR SHALL BE REQUIRED TO ADJUST UTILITIES (WATER MAINS, GAS MAINS, ETC.) AS NECESSARY TO AVOID CONFLICTS.
 - ALL WATER MAIN WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA ENGINEERING MANUAL.

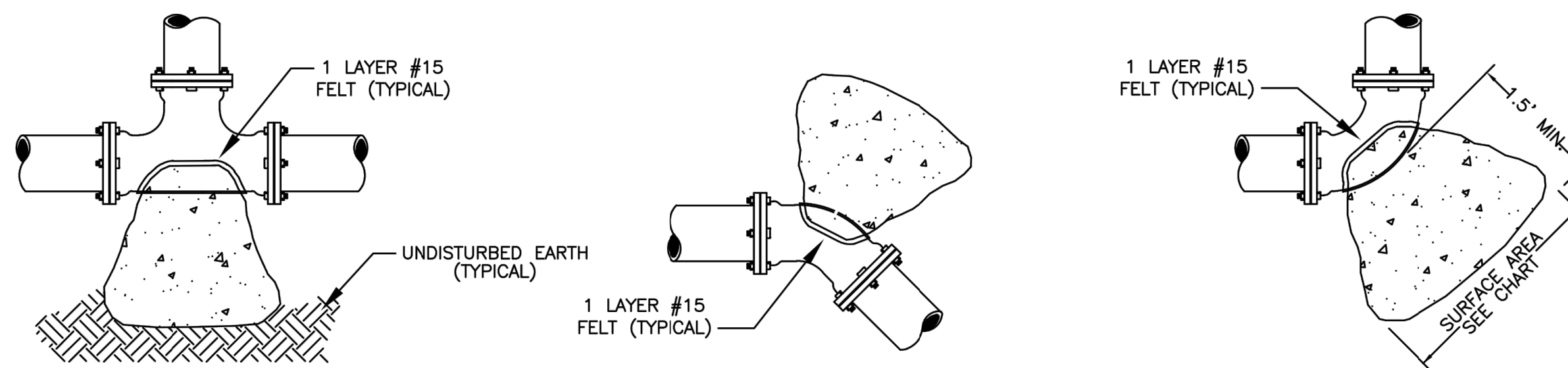


- NOTES:
- CONTRACTOR TO ADJUST FIRE HYDRANT TO FINISHED GRADE.
 - HYDRANT CONNECTORS (MIN 3' IN LENGTH) OR D.I.P. SPOOLS (MIN 3" IN LENGTH) WITH MEGALUG JOINT RESTRAINTS OR APPROVED EQUAL.



PIPE SIZE	BEARING AREA DIMENSIONS OF THRUST BLOCK, H X B (FT)				
	DEAD END OR TEE	90° BEND	45° BEND	22.5° BEND	11.25° BEND
4"	1.0 X 1.5	1.5 X 1.5	1.0 X 1.0	1.0 X 1.0	1.0 X 1.0
6"	1.5 X 2.0	1.5 X 2.5	1.0 X 2.0	1.0 X 1.5	1.0 X 1.0
8"	2.0 X 2.5	2.0 X 3.5	1.5 X 2.5	1.0 X 2.0	1.0 X 1.0
10"	2.5 X 3.5	3.0 X 4.0	2.0 X 3.0	1.5 X 2.0	1.0 X 1.5
12"	3.0 X 4.0	3.5 X 5.0	2.5 X 3.5	2.0 X 2.5	1.0 X 2.0
16"	4.0 X 5.5	4.5 X 6.5	3.0 X 5.0	2.5 X 3.5	1.5 X 2.5

- NOTES:
- ONE LAYER OF #15 FELT TO BE USED TO PREVENT ADHESION OF CONCRETE TO FITTING.
 - ALL THRUST BLOCKS TO BE BACKED BY UNDISTURBED SOIL.
 - THRUST BLOCK DIMENSIONS BASED ON SM SOIL CLASSIFICATION WITH A SOIL BEARING PRESSURE OF 3000 LB/FT².
 - CONCRETE MIN. 2,500 PSI.
 - BEARING AREAS SHALL BE MINIMUM 1.0 FT².
 - JOINT RESTRAINTS ARE TO BE USED ON ALL FITTINGS. THRUST BLOCKS REQUIRED ON 90° BENDS, 45° BENDS, 22.5° BENDS, 11.25° BENDS, TEES, TAPPING SLEEVES AND DEAD ENDS.



TEE - M.J.

112.5, 22.5 + 45° BENDS - M.J.

90° BEND - M.J.

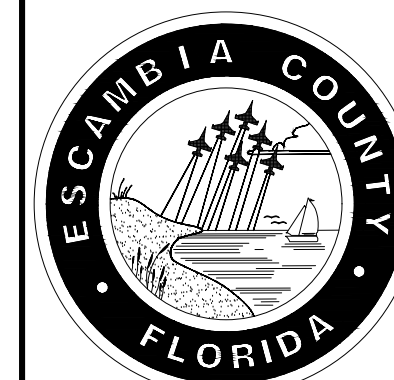
TYPICAL THRUST BLOCK INSTALLATION
N.T.S.

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MOTT MACDONALD

Architects Engineers Surveyors
AA-C000035 EB-0000155 LB-0000783

CROCKET ST. DRAINAGE IMPROVEMENTS PHASE II
ESCAMBIA COUNTY, FLORIDA



DATE	REV.	REVISION DESCRIPTION
JANUARY 2020		
DESIGNED BY:	S. WHITE	
DRAWN BY:	G. EDWARDS	
PROJECT ENGINEER:	C. RILEY	
PROJECT MANAGER:	S. WHITE	
M.M. PROJECT NUMBER:	S. WHITE	
		333166

BID PLANS

STEVEN D. WHITE, P.E.
FLORIDA LICENSE NO. 58809

DATE _____ AFFIX SEAL

SHEET TITLE:
DETAILS

SHEET NUMBER:
C-023

User Name: R160578
To: State File 3/16/2020 3:18:08PM
Drawing Path: P:\333166 - crockett street & certified circle\Drawings\Civil\cad drawings\Sheets\Plan Set
Drawing Name: C-023 Details.dwg
Plot File Name:

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GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL:

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 30 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
3. PERMANENT VEGETATION TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
4. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, SECTIONS 104, 570, 575 AND 980 TO 986.
- *5. A BITUMINOUS CONCRETE BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE BITUMINOUS CONCRETE BASE SHALL BE INSTALLED WITHIN 15 DAYS OF THE PRELIMINARY GRADING.
- *6. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL, ACCORDING TO STATE STANDARDS.
- *7. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E. SLOPES GREATER THAN 3:1).
- *8. A CRUSHED LIMEROCK, VEHICLE WHEEL-CLEANING BLANKET SHALL BE INSTALLED AT THE CONTRACTOR'S STAGING YARD AND/OR STOCKPILE AREAS TO PREVENT OFF-SITE TRACKING OF SEDIMENT BY CONSTRUCTION VEHICLES ONTO PUBLIC ROADS. BLANKET SHALL BE 15FT. X 50FT. X 6IN. (MINIMUM), CRUSHED LIMEROCK 2 1/2 INCHES IN DIAMETER. SAID BLANKET SHALL BE UNDERLAIN WITH A FDOT CLASS 3 SYNTHETIC FILTER FABRIC AND MAINTAINED IN GOOD ORDER.
9. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
- *10. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.
11. UNFILTERED DEWATERING IS NOT PERMITTED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER.
12. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET, TEMPORARY VEGETATION COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED IN ACCORDANCE WITH STATE STANDARDS FOR EROSION CONTROL.
13. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY.
14. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFFSITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
15. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE NUMBER 2 (ABOVE).
16. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
17. ALL SEDIMENTATION STRUCTURES SHALL BE INSPECTED AND MAINTAINED REGULARLY.
18. ALL CATCH BASIN INLETS SHALL BE PROTECTED WITH HAY BALES AS SHOWN ON DETAIL.
19. THE CONTRACTOR SHALL PREPARE A PLAN FOR THE PROPER DEWATERING AND DOWNSTREAM SILTATION PROTECTION OF EACH STREAM CROSSING PRIOR TO EXCAVATING THE STREAM BED. PLAN SHALL BE FORWARDED TO THE ENGINEER FOR APPROVAL. THE ENGINEER SHALL BE NOTIFIED FOR INSPECTION PRIOR TO EACH STREAM CROSSING CONSTRUCTION.
20. ANY AREAS USED FOR THE CONTRACTOR'S STAGING, INCLUDING BUT NOT LIMITED TO, TEMPORARY STORAGE OF STOCKPILED MATERIALS (E.G. CRUSHED STONE, QUARRY PROCESS STONE, SELECT FILL, EXCAVATED MATERIALS, ETC.), SHALL BE ENTIRELY PROTECTED BY A SILT FENCE ALONG THE LOW ELEVATION SIDE TO CONTROL SEDIMENT RUNOFF.

* WHERE APPLICABLE

SODDING:

1. SOD SHALL BE WELL ROOT MATTED CENTIPEDE OR BAHIA GRASS COMMERCIALY CUT TO A MINIMUM DIMENSION OF 12" x 24" A MAXIMUM OF 72 HOURS PRIOR TO PLACEMENT. SOD SHALL BE LIVE, FRESH AND UNINJURED, REASONABLY FREE OF WEEDS AND OTHER GRASSES, WITH A HEAVY SOIL MAT ADHERING TO THE ROOT SYSTEM. SOD SHALL BE GROWN, CUT, AND SUPPLIED BY A STATE CERTIFIED GROWER.

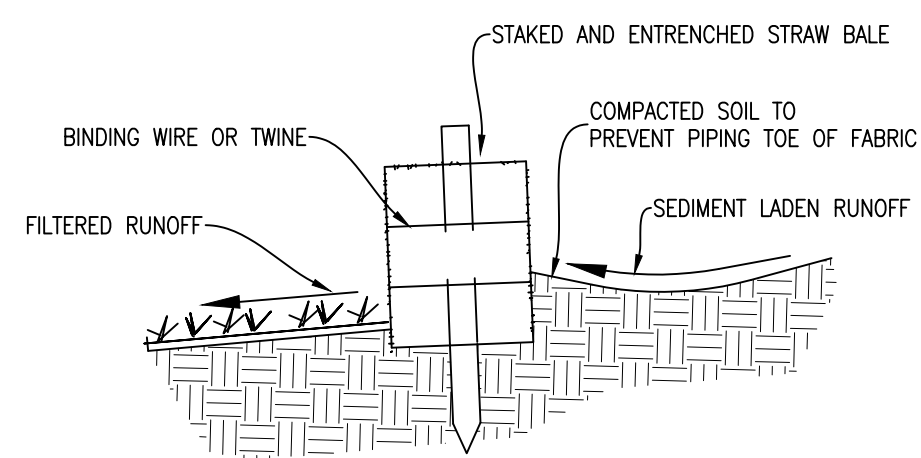
TEMPORARY SEEDING DETAILS

SEED BED PREPARATION

1. SOIL TO BE THOROUGHLY PULVERIZED BY DISK-HARROWING AND BE LOOSE AND REASONABLY SMOOTH. APPLY FERTILIZER AT A RATE OF 260 LBS/ACRE OF 16-16-16 OR EQUIVALENT, APPLY DOLOMITIC LIMESTONE AT A RATE OF 800 TO 1000 LBS./ACRE TO PROVIDE A SOIL pH OF 5.5 TO 6.5, LIME & FERTILIZER TO BE WORKED INTO THE TOPSOIL TO A DEPTH OF 4". ADD SANDY LOAM TOPSOIL TO A MINIMUM OF TWO (2) INCHES WHERE REQUIRED.

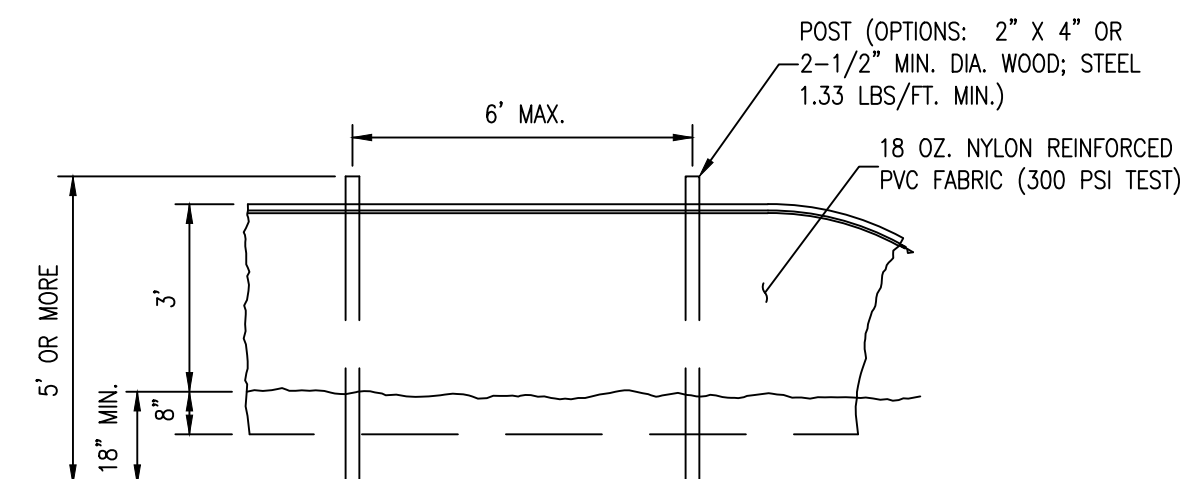
SEED MIXTURE

1. CONSISTING OF ANNUAL RYE (LOLIUM MULTIFLORUM) AT A RATE OF 174 LBS./ACRE.



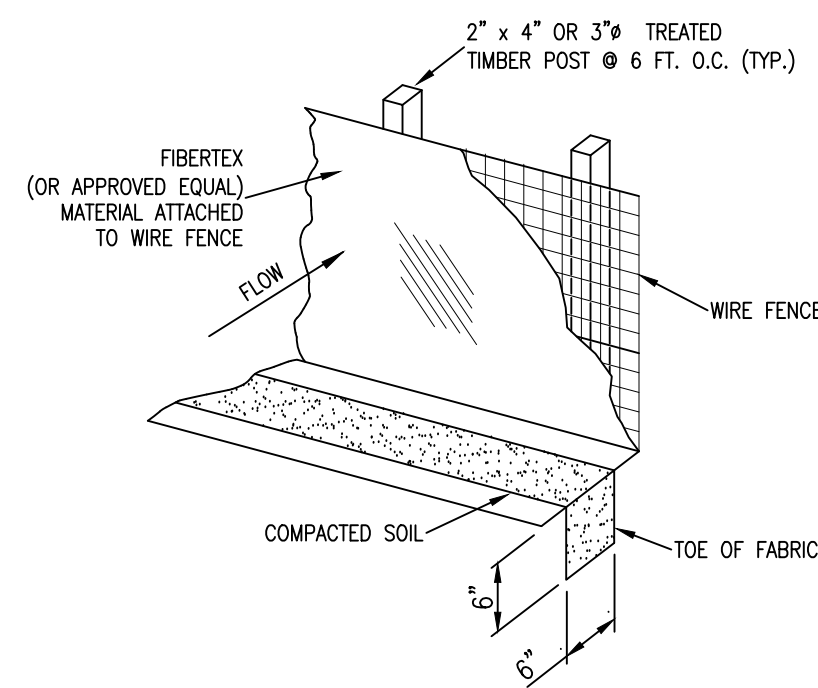
DETAIL OF PROPERLY INSTALLED STRAW BALE

N.T.S.



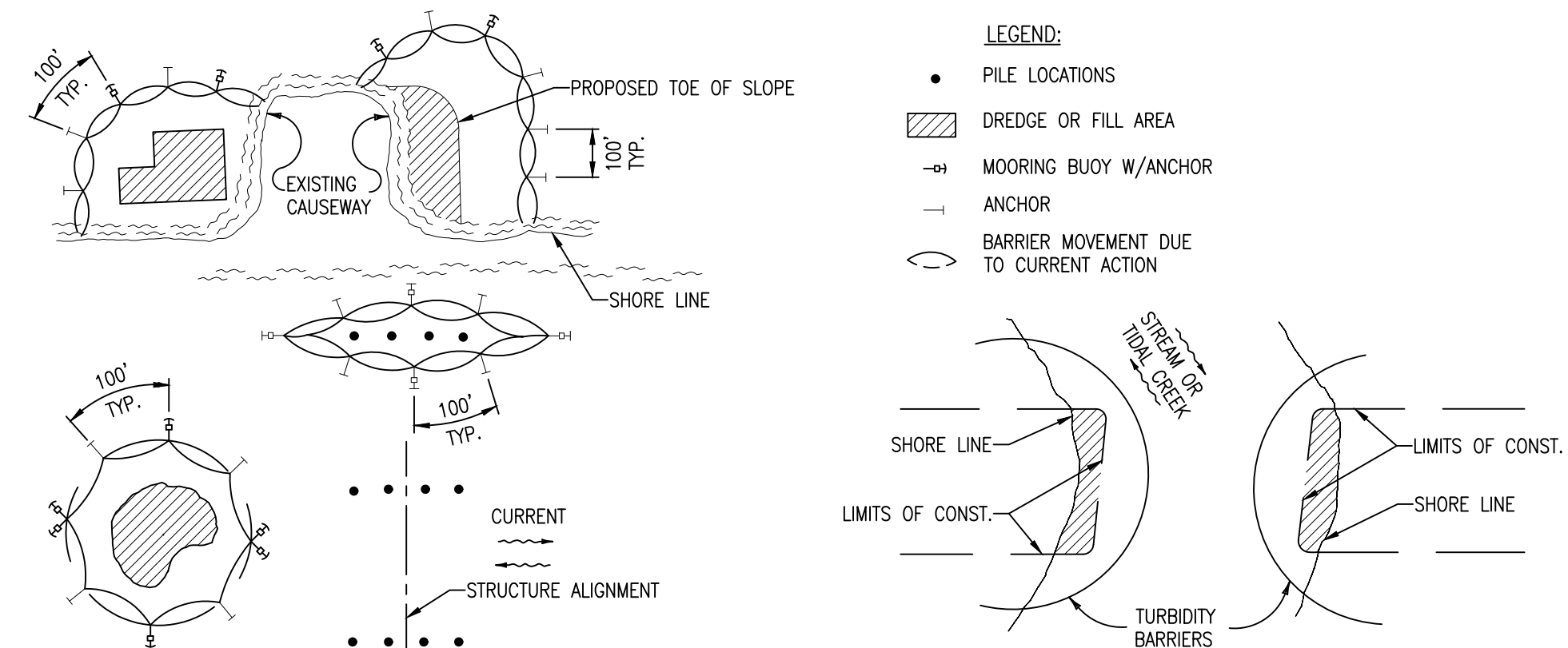
STAKED TURBIDITY BARRIER

N.T.S.



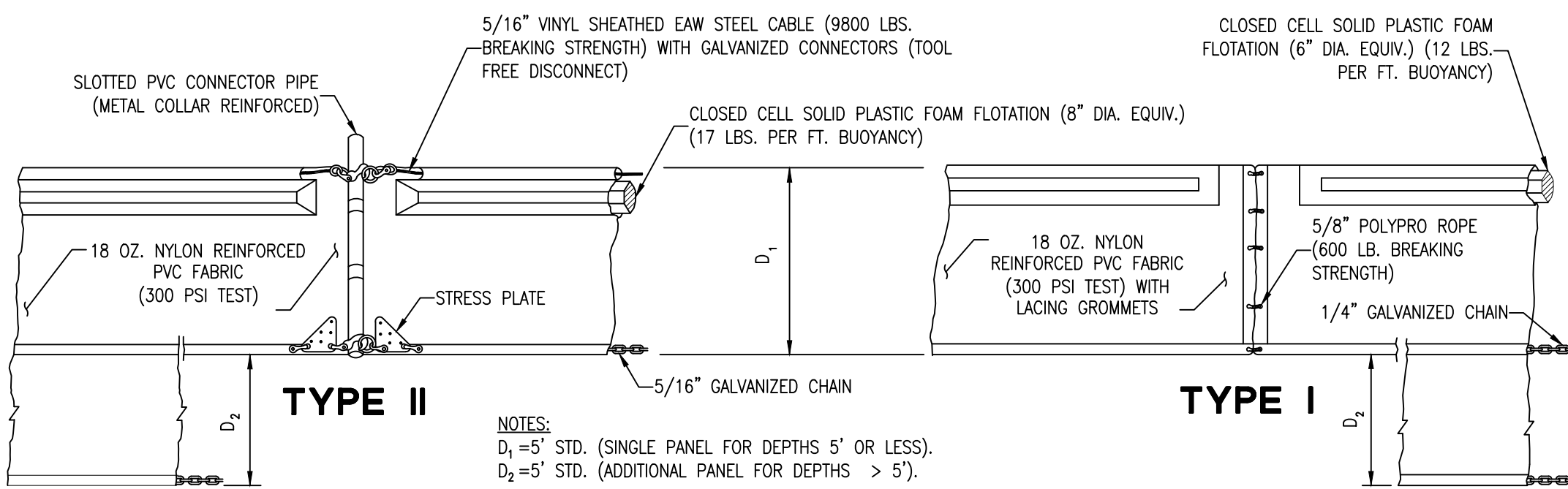
SILT FENCE DETAIL

N.T.S.



1. TURBIDITY BARRIERS ARE TO BE USED IN ALL PERMANENT BODIES OF WATER REGARDLESS OF WATER DEPTH.
2. NUMBER AND SPACING OF ANCHORS DEPENDENT ON CURRENT VELOCITIES.
3. DEPLOYMENT OF BARRIER AROUND PILE LOCATIONS MAY VARY TO ACCOMMODATE CONSTRUCTION OPERATIONS.
4. NAVIGATION MAY REQUIRE SEGMENTING BARRIER DURING CONSTRUCTION OPERATIONS.
5. FOR ADDITIONAL INFORMATION SEE SECTION 104 OF THE STANDARD SPECIFICATIONS.

NOTE: TURBIDITY BARRIERS FOR FLOWING STREAMS AND TIDAL CREEKS MAY BE EITHER FLOATING, OR STAKED TYPES OR ANY COMBINATIONS OF TYPES THAT WILL SUIT SITE CONDITIONS AND MEET EROSION CONTROL AND WATER QUALITY REQUIREMENTS. THE BARRIER TYPE(S) WILL BE AT THE CONTRACTORS OPTION UNLESS OTHERWISE SPECIFIED IN THE PLANS, HOWEVER PAYMENT WILL BE UNDER THE PAY ITEM(S) ESTABLISHED IN THE PLANS FOR FLOATING TURBIDITY BARRIER AND/OR STAKED TURBIDITY BARRIER. POSTS IN STAKED TURBIDITY BARRIERS TO BE INSTALLED IN VERTICAL POSITION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



NOTES:
 D₁ = 5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS).
 D₂ = 5' STD. (ADDITIONAL PANEL FOR DEPTHS > 5').

CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET. TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAINS SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.

NOTICE: COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.

FLOATING TURBIDITY BARRIERS

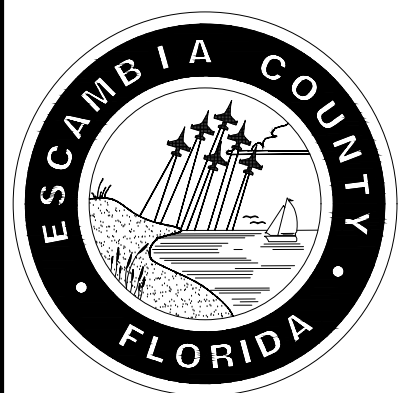
N.T.S.

TURBIDITY BARRIER APPLICATIONS

N.T.S.

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CROCKET ST. DRAINAGE IMPROVEMENTS PHASE II
 ESCAMBIA COUNTY, FLORIDA



DATE	DESIGNED BY	DATE	REV.	REVISION DESCRIPTION
JANUARY 2020	S. WHITE			
	G. EDWARDS			
	C. RILEY			
	S. WHITE			
	S. WHITE			
	M.M. PROJECT NUMBER: 333166			

BID PLANS
 STEVEN D. WHITE, P.E.
 FLORIDA LICENSE NO. 58809
 DATE _____ AFFIX SEAL

SHEET TITLE:
EROSION CONTROL DETAILS

SHEET NUMBER:
C-024

User Name: R1625248
 Title: Staff
 Date: 1/21/2020 3:18:18PM
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 Plot File Name:

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