

CONSTRUCTION PLANS FOR FARM HILL UTILITIES WATER STORAGE TANK

DEVELOPMENT IN SECTION 36, TOWNSHIP 1 NORTH, RANGE 31 WEST,
ESCAMBIA COUNTY, FLORIDA
ZONED: LDR - FUTURE LAND USE: MU-S

3550 S HIGHWAY 97
CANTONMENT, FL 32533

Approved
ESCAMBIA COUNTY DRG PLAN REVIEW

DRG Chairman Signature: *Stephen Slagter*
Printed Name: **Stephen Slagter**
Development Services Director of Escambia County

This document has been reviewed in accordance with the requirements of applicable Escambia County Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor or other signatory from responsibility of details as drawn. A Development Order (DO) must be obtained through the Development Review Process prior to the commencement of construction. This DO approval does not constitute approval by any other agency. All additional state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of a building permit.

SITE DATA

PROPERTY OWNER:

MR. SHAUN CONDON
FARM HILL UTILITIES
120 MADRID RD
CANTONMENT, FL 32533

SURVEYOR:

DEWBERRY
203 ABERDEEN PKWY, PANAMA CITY, FL 32405
JONATHAN GIBSON - FL NO.
(850) 571-1183 JGIBSON@DEWBERRY.COM

ENGINEER:

DEWBERRY
139 E. GOVERNMENT STREET
PENSACOLA, FL 32502
DAVID TILLAR, P.E. - FL NO. 86282
(850) 760-0332 - DTILLAR@DEWBERRY.COM

GROSS PROJECT AREA:	1.94 ACRES
WETLAND AREA:	0.18 ACRES
BUFFER AREA:	0.13 ACRES
GROSS DENSITY:	N/A
CURRENT ZONING:	LDR
CONTOUR INTERVAL:	ONE-FOOT
DATUM:	NGVD
STREET LENGTH:	160 L.F.
TYPE OF STREETS:	12' GRAVEL ACCESS
R/W WIDTH:	N/A
PAVEMENT WIDTH:	N/A
STORMWATER MAINTENANCE:	FARM HILL UTILITIES
MIN. LOT AREA:	N/A
MIN. LOT WIDTH AT RIGHT OF WAY:	N/A
MIN. LOT WIDTH AT RIGHT OF WAY:	N/A
MIN. DEPTH OF FRONT YARD:	N/A
MIN. DEPTH OF REAR YARD:	N/A
MIN. WIDTH OF EACH SIDE YARD:	N/A
MAX. BUILDING AREA AS % OF GROSS LOT AREA:	N/A
MAX. BUILDING HEIGHT (FEET):	N/A
MAX. BUILDING HEIGHT (STORIES):	N/A

PLANS PREPARED BY:



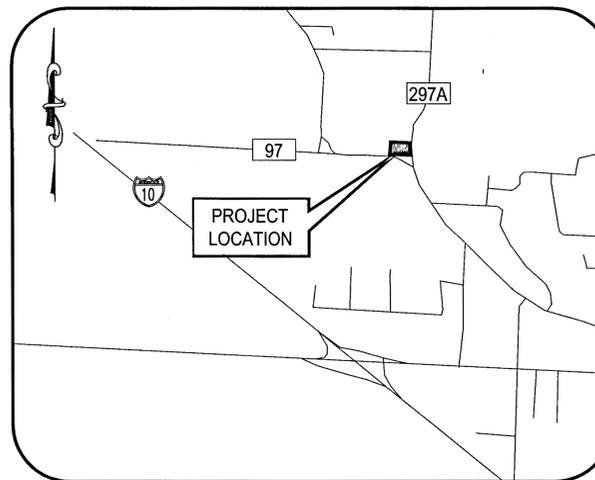
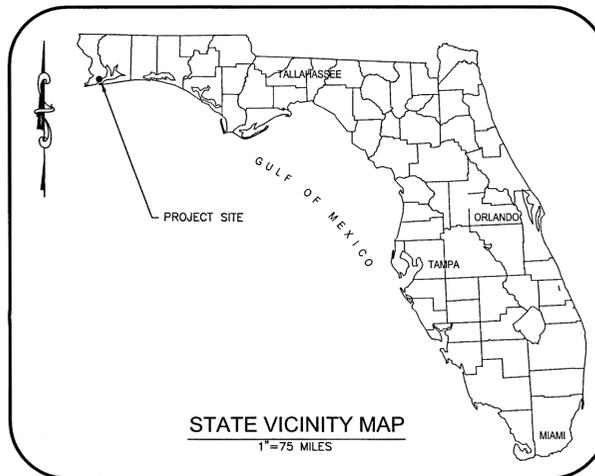
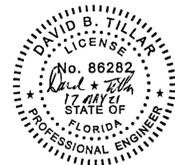
139 E GOVERNMENT STREET,
PENSACOLA, FL 32502
(850) 760-0332

DEWBERRY PROJECT NUMBER - 50126846

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED
DUE TO REPRODUCTION.

ENGINEER'S STATEMENT

ALL PROPOSED ROADWAYS, DRAINAGE, AND OTHER IMPROVEMENTS WILL BE DESIGNED TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL DEVELOPMENT REQUIREMENTS SUCH AS:
THE FLORIDA GREEN BOOK
THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN MANUAL (FDM)
ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS
THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
THE AMERICANS WITH DISABILITIES ACT (ADA)
ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE AND DESIGN STANDARDS MANUAL



REV. NO.	REV. DATE	REVISION DESCRIPTION	RELEASED TO	RELEASE DATE
1	27 APR 21	COUNTY COMMENT	27 APR 21	
2				
3				
4				
5				

INDEX OF PLANS

SHEET NO.	SHEET DESCRIPTION
GC-101	TITLE SHEET
GC-102	GENERAL NOTES
CD-100	GENERAL NOTES
CD-101	EXISTING CONDITIONS
CS-101	DEMOLITION, EROSION & SEDIMENT CONTROL PLAN
CU-101	SITE PLAN
CG-101	UTILITY PLAN
CG-102	GRADING AND DRAINAGE PLAN
CH-101	STORMWATER DETAIL SHEET
CH-102	PUMP STATION MECHANICAL HVAC PLAN & SCHEDULES
CH-103	PUMP STATION MECHANICAL HVAC DETAILS & SPECIFICATIONS
CE-101	HVAC DETAILS, CONTROLS, AND SCHEDULES
CE-102	ELECTRICAL GENERAL NOTES, LEGEND & ABBREVIATIONS
CE-103	ELECTRICAL SITE PLAN
CE-104	ELECTRICAL PUMP STATION - POWER PLAN
CE-105	ELECTRICAL PUMP STATION - LIGHTING PLAN
CE-106	ELECTRICAL SINGLE LINE DIAGRAM & RISER DIAGRAMS
CE-107	ELECTRICAL PANEL SCHEDULES & CONTROL ONE-LINE DIAGRAM
CE-108	ELECTRICAL SCHEMATICS
CE-109	ELECTRICAL CONDUIT & WIRE SCHEDULES
CE-110	ELECTRICAL STANDARD DETAILS 1
CE-501	ELECTRICAL STANDARD DETAILS 2
CI-101	ELECTRICAL DETAILS
CI-102	GENERAL NOTES & LEGEND
CT-101	PROCESS & INSTRUMENTATION DIAGRAM
CT-102	STRUCTURAL NOTES
CT-103	STRUCTURAL FOUNDATION PLAN
CT-104	WALL SECTIONS
CT-105	TANK DETAILS
CT-106	TANK DETAILS
CT-501	TANK DETAILS
CU-501	STRUCTURAL DETAILS
CU-502	CIVIL DETAILS
CU-503	CIVIL DETAILS

PRELIMINARY DOCUMENTS - NOT FOR CONSTRUCTION
NOVEMBER 2020



203 Aberdeen Parkway
Panama City, FL 32405
850.522.0644

FARM HILL UTILITIES
WATER STORAGE TANK
CANTONMENT, FL
ESCAMBIA COUNTY

EROSION NOTES:

- CONTRACTOR SHALL PHASE CONSTRUCTION AS TO MINIMIZE THE SIZE OF EXPOSED SOIL AREAS AND THE TIME BETWEEN EXPOSING THE SOIL AREA AND FINISHING THE SOIL AREA.
- THE CONTRACTOR IS TO PROVIDE EROSION CONTROL/SEDIMENTATION BARRIER (HAY BALES, SILT FENCE, TURBIDITY BARRIER, OR AS SPECIFIED IN THE CONSTRUCTION DRAWINGS) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, WATERWAYS, AND WETLAND OR JURISDICTIONAL AREAS. IF, IN THE OPINION OF THE ENGINEER, AND/OR REGULATORY AUTHORITIES, EXCESSIVE QUANTITIES OF MATERIAL ARE TRANSPORTED OFF-SITE BY EROSION OR STORM WATER RUNOFF, THE CONTRACTOR SHALL IMPROVE CONDITIONS TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES AT NO ADDITIONAL COST TO THE OWNER. IN NO CASE SHALL CONSTRUCTION COMMENCE PRIOR TO INSTALLATION OF EROSION CONTROL/SEDIMENTATION BARRIER.
- CONTRACTOR SHALL CONSTRUCT A CONSTRUCTION ENTRANCE AT ALL LOCATIONS TO BE USED FOR CONSTRUCTION RELATED TRAFFIC TO ENTER AND EXIT THE SITE.
- IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AREA USING SPRINKLING IRRIGATION OR OTHER ACCEPTABLE METHODS AS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL USE THE BEST POSSIBLE APPROPRIATE METHOD TO PROVIDE EROSION CONTROL FOR EACH LOT DURING CONSTRUCTION OF THE HOMES.
- SILT FENCE BARRIER SHALL BE INSTALLED AT ALL TOE OF SLOPES WHICH WILL RESULT IN STORMWATER FLOWING OFF OF THE PROJECT SITE.
- SOD ALL SLOPES 3:1 OR STEEPER.
- EROSION CONTROL MATTING SHALL BE NORTH AMERICAN GREEN SC-150 OR EQUAL APPROVED BY THE ENGINEER. INLET FILTER SYSTEMS SHALL BE SILT-SAVER, INC. OR EQUAL APPROVED BY THE ENGINEER.
- ALL DISTURBED AREAS NOT SPECIFICALLY SHOWN TO BE SODDED SHALL BE SEEDED AND MULCHED. THE GRASS SEED SHALL BE 20 PARTS BERMUDA AND 80 PARTS PENSACOLA BAHIA. APPLICATION RATES SHALL BE 100 POUNDS PER ACRE. IF CONSTRUCTION OCCURS DURING THE MONTHS OF OCTOBER THROUGH JANUARY, SEEDING SHALL BE 50 PARTS WINTER RYE AND 50 PARTS PENSACOLA BAHIA AT 100 POUNDS PER ACRE. SEEDED AREAS SHALL BE FERTILIZED WITH 8-8-8 NPK DRY FERTILIZER AT THE RATE OF 800 POUNDS PER ACRE.
- ALL AREAS TO BE SEEDED AND MULCHED SHALL BE PLATED WITH A MINIMUM OF TWO INCHES OF TOPSOIL PRIOR TO SEEDING.
- ALL EROSION CONTROL STRUCTURES SHALL BE IN PLACE BEFORE DEMOLITION BEGINS.

CONSTRUCTION SEQUENCE

- THE FOLLOWING SEQUENCE OF CONSTRUCTION SHALL BE FOLLOWED AFTER ALL PROPER PERMITS HAVE BEEN OBTAINED:
 - CONSTRUCT TREE PROTECTION BARRICADES AND SEDIMENTATION/EROSION CONTROLS AND CLEARLY FLAG THE LIMITS OF CONSTRUCTION. DO NOT BEGIN CONSTRUCTION UNTIL EROSION CONTROL DEVICES HAVE BEEN INSPECTED AND APPROVED BY THE LOCAL PERMITTING AUTHORITY.
 - CONSTRUCT ALL STORM WATER MANAGEMENT FACILITIES. DO NOT CLEAR ANY OTHER AREAS OF THE SITE UNTIL THE POND/SWALE IS STABILIZED.
 - (NO ONE SHALL CLEAR THE REMAINING PORTION OF THE SITE AND CREATE DIVISION BERMS OR CHANNELS TO DIRECT RUNOFF TO THE STORM WATER FACILITIES WHERE NEEDED. CHECK DAMS CONSISTING OF HAY BALES OR OTHER MATERIALS SHALL BE USED TO TRAP ANY SEDIMENTS BEFORE THEY REACH THE POND/SWALE.
 - CONSTRUCT UTILITIES AND OTHER IMPROVEMENTS IN ACCORDANCE WITH THE APPROVED DRAWINGS.
 - SEED/SOD AND LANDSCAPE IN ACCORDANCE WITH THE APPROVED DRAWINGS.
 - OBTAIN A STORM WATER OPERATION AND MAINTENANCE PERMIT. RECORD DRAWINGS SHALL BE FILED WITH THE LOCAL PERMITTING AUTHORITY.
- THE ENGINEER SHALL NOT BE RESPONSIBLE FOR INSPECTION SERVICES DURING CONSTRUCTION UNLESS SPECIFICALLY RETAINED BY THE OWNER.
- FOR BIDDING PURPOSES, THESE PLANS SHALL BE CONSIDERED PRELIMINARY UNTIL ALL NECESSARY PERMITS AND APPROVALS HAVE BEEN OBTAINED.
- CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER.
- THE CONTRACTOR SHALL CARRY ON HIS WORK AND ADHERE TO THE PROGRESS SCHEDULE DURING ALL DISPUTES OR DISAGREEMENTS WITH THE OWNER. NO WORK SHALL BE DELAYED OR POSTPONED PENDING RESOLUTION OF ANY DISPUTES OR DISAGREEMENTS.
- KEEP EXISTING PAVEMENT AS SHOWN, AND SAW CUT WHERE NEEDED FOR ISLANDS.
- CONTRACTOR SHALL COORDINATE WITH FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) FOR REMOVAL OF ANY MONITORING WELLS FOUND ON THE SITE.
- CONTRACTOR SHALL DISPOSE OF ALL DEBRIS OFF SITE AND BE IN COMPLIANCE WITH FEDERAL, STATE, AND COUNTY LAWS AND REGULATIONS.
- POST ALL APPLICABLE PERMITS. DO NOT NAIL TO TREES.

SEAL



DAVID TILLAR, P.E. 86282
EB 0008794

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

SCALE

NO SCALE

REVISIONS

NO.	DESCRIPTION	DATE
1		

DRAWN BY _____ FEL
 APPROVED BY _____ DBT
 CHECKED BY _____ DBT
 DATE _____ NOVEMBER 2020

TITLE
GENERAL NOTES

PROJECT NO. 50126846

GC - 102

SHEET NO.

APR 28, 2021 (11:21:18 EST)
C:\5126846\FARM HILL UTILITIES ELEVATED TANK\CAD1.25.2021\FARM HILL UTILITIES - STANDARD\PRODUCTION\2020-02 - NOTES.DWG GC - 102 GENERAL NOTES BY: GEDWARDS

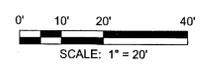
FARM HILL UTILITIES
WATER STORAGE TANK
CANTONMENT, FL
ESCAMBIA COUNTY

SEAL



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1	COUNTY COMMENT	27 APR 21

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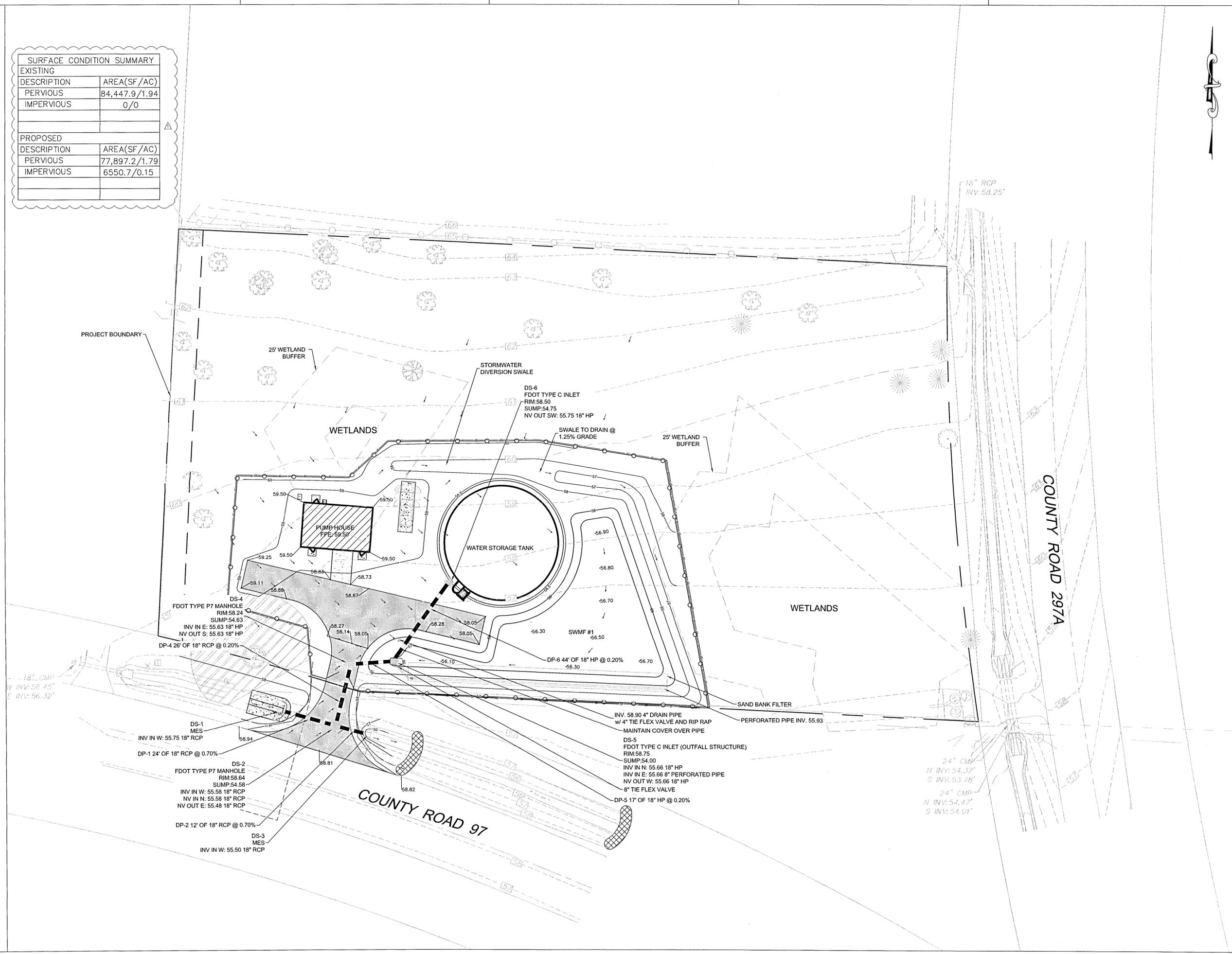
TITLE
GRADING AND DRAINAGE PLAN

PROJECT NO. 50126846

CG-101

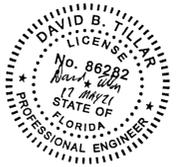
SHEET NO.

SURFACE CONDITION SUMMARY	
EXISTING	
DESCRIPTION	AREA(SF/AC)
PERVIOUS	84,447.9/1.94
IMPERVIOUS	0/0
PROPOSED	
DESCRIPTION	AREA(SF/AC)
PERVIOUS	77,897.2/1.79
IMPERVIOUS	6550.7/0.15



May 17, 2021 (10:09:20 EST)
 C:\50126846\FARM HILL UTILITIES ELEVATED TANK\CD\1.25.2021\FARM HILL UTILITIES - STANDARD\PRODUCTION\CGS-101 GRADING AND DRAINAGE PLAN BY: ABICHOTTE

SEAL



EB 0008794

PRELIMINARY DESIGN
NOT FOR CONSTRUCTION

SCALE

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY _____ FEL
APPROVED BY _____ DBT
CHECKED BY _____ DBT
DATE _____ AUGUST 2020

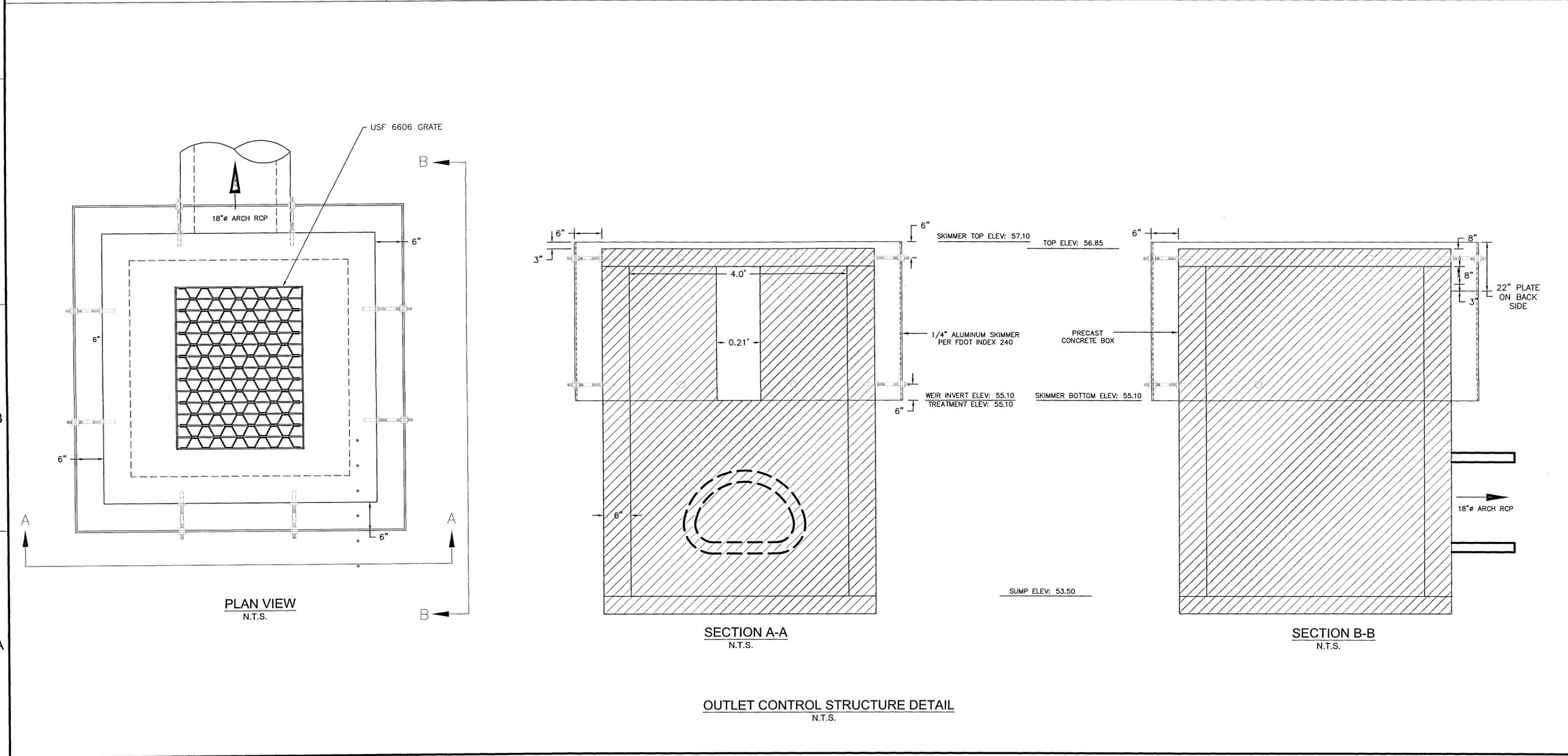
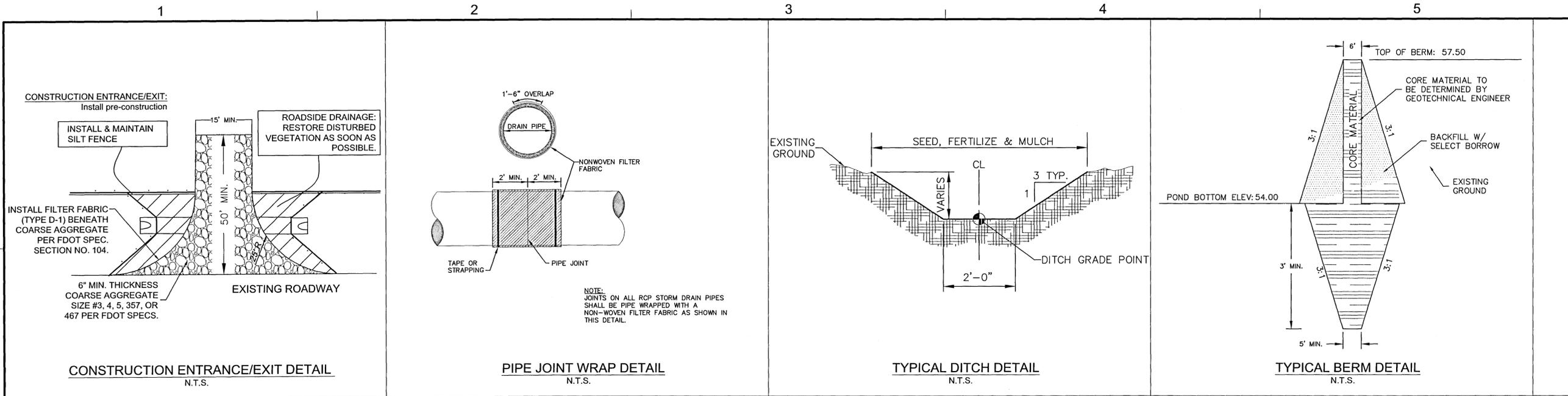
TITLE

CIVIL DETAILS

PROJECT NO. 50126846

CU-501

SHEET NO.



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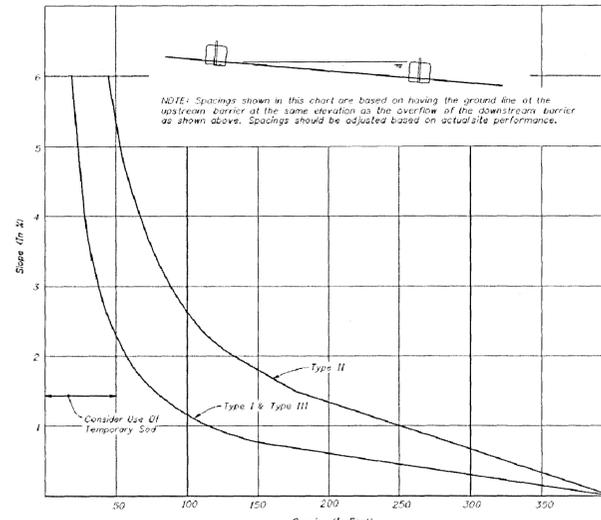
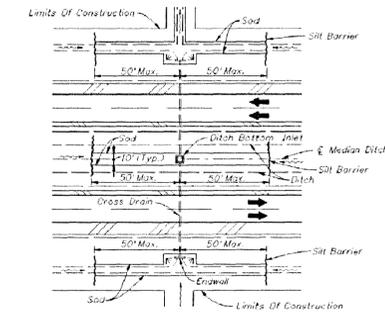
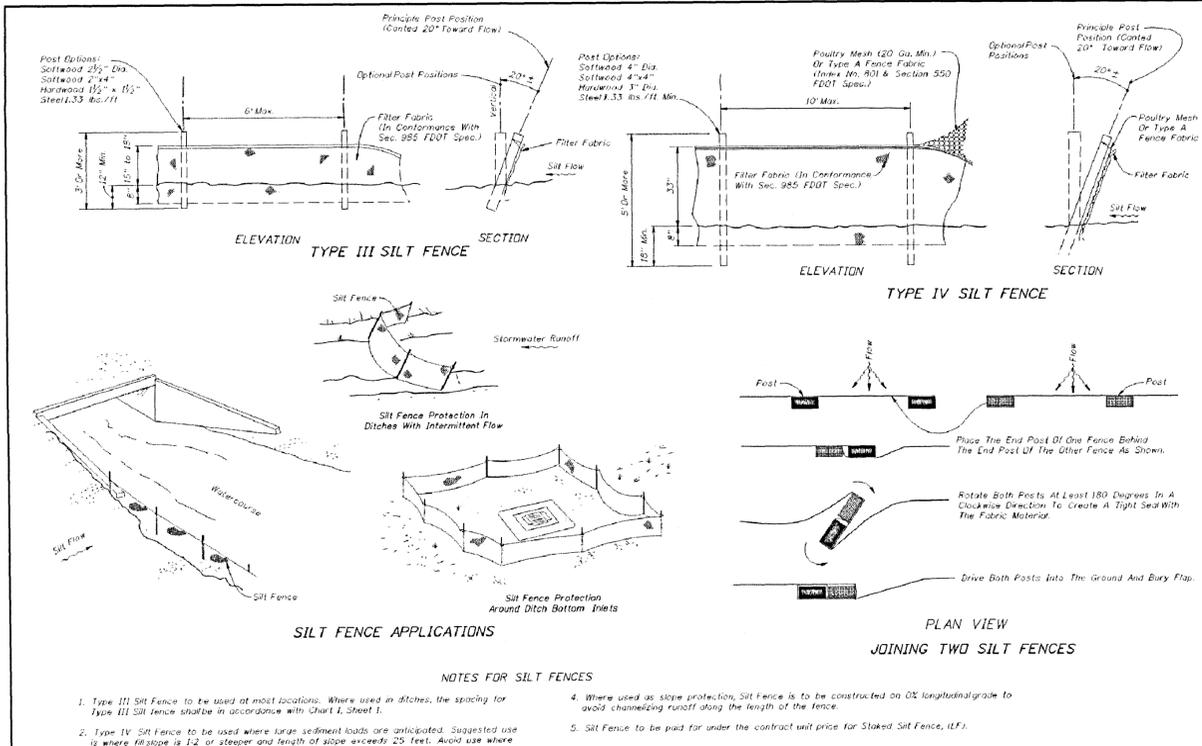


CHART I
RECOMMENDED SPACING FOR SYNTHETIC BALES OR BALE TYPE BARRIERS AND TYPE III SILT FENCE

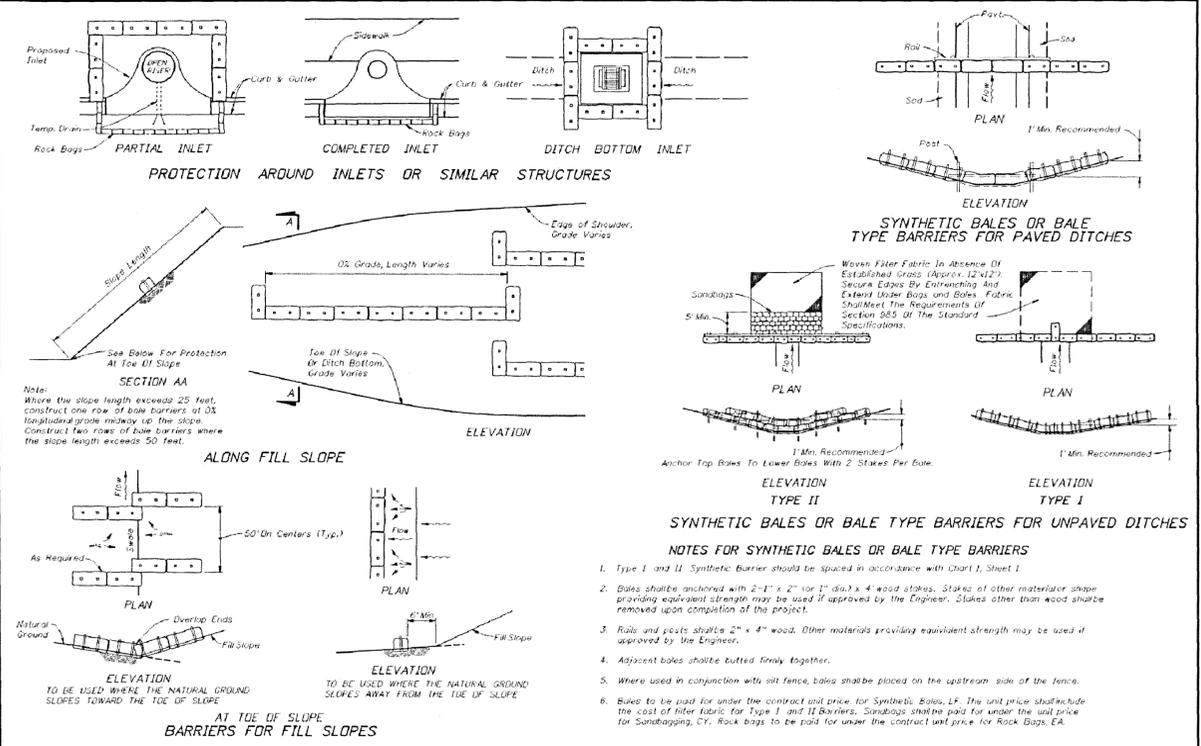


DITCH INSTALLATIONS AT DRAINAGE STRUCTURES

2010 FDOT Design Standards
TEMPORARY EROSION AND SEDIMENT CONTROL
 List Revision: 07/01/05
 Sheet No: 1 of 3
 Index No: 102



2010 FDOT Design Standards
TEMPORARY EROSION AND SEDIMENT CONTROL
 List Revision: 07/01/05
 Sheet No: 3 of 3
 Index No: 102



2010 FDOT Design Standards
TEMPORARY EROSION AND SEDIMENT CONTROL
 List Revision: 07/01/05
 Sheet No: 2 of 3
 Index No: 102



Dewberry Engineers Inc.
 139 East Government Street
 Pensacola, FL 32502

**FARM HILL UTILITIES
 WATER STORAGE TANK**
 CANTONMENT, FL
 ESCAMBIA COUNTY

SEAL



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CIVIL DETAILS

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CU-502

SHEET NO.

