

AGENCY & UTILITY CONTACTS:

LOCAL GOVERNMENT:
POWER:
ESCAMBIA COUNTY
3363 WEST PARK PLACE
PENSACOLA, FLORIDA 32505
PHONE: 850-595-3475

GULF POWER
ONE ENERGY PLACE
PENSACOLA, FLORIDA 32520
PHONE: 850-444-6555

WATER/SEWER SERVICES:
ECUA
P.O. BOX 17089
PENSACOLA, FLORIDA 32514
PHONE: 850-969-6643

ENERGY SERVICES OF PENSACOLA
1625 ATWOOD DRIVE
PENSACOLA, FLORIDA 32504
PHONE: 850-474-5322

TELEPHONE:
BELL SOUTH
605 W. GARDEN STREET
PENSACOLA, FLORIDA 32501
PHONE: 850-436-1662

CABLE:
COX COMMUNICATIONS
2205 LAVISTA AVE.
PENSACOLA, FLORIDA 32504
PHONE: 850-477-2695

SAFETY NOTICE TO CONTRACTOR:

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.

WARRANTY/DISCLAIMER:

THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

LEGAL DESCRIPTION:

AS PROVIDED BY EMC SURVEYOR ON JUNE 22, 2021

ALL OF THAT TRACT OR PARCEL OF LAND LYING AND BEING IN SECTION 21, TOWNSHIP 1 NORTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT A 1-1/2" OPEN TOP PIPE FOUND AT THE SOUTHEAST CORNER OF SECTION 21 AND GO NORTH 86 DEGREES 58 MINUTES 44 SECONDS WEST ALONG THE SOUTHERN LINE OF SECTION 21 FOR A DISTANCE OF 1,382.47 FEET TO A POINT LOCATED ON THE EASTERN RIGHT-OF-WAY LINE OF ALABAMA AND GULF COASTAL RAILWAY RAILROAD (100' R/W); THENCE GO NORTH 14 DEGREES 21 MINUTES 15 SECONDS WEST ALONG THE EASTERN RIGHT-OF-WAY LINE OF ALABAMA AND GULF COASTAL RAILWAY RAILROAD FOR A DISTANCE OF 3,059.85 FEET TO A POINT; THENCE LEAVING THE EASTERN RIGHT-OF-WAY LINE OF ALABAMA AND GULF COASTAL RAILWAY RAILROAD GO NORTH 89 DEGREES 56 MINUTES 38 SECONDS EAST FOR A DISTANCE OF 127.13 FEET TO A 1/2" REBAR FOUND ON THE EASTERN RIGHT-OF-WAY LINE OF SOUTH HIGHWAY 29 (66' R/W), SAID POINT BEING THE POINT OF BEGINNING.

FROM SAID POINT OF BEGINNING GO NORTH 23 DEGREES 46 MINUTES 33 SECONDS WEST ALONG THE EASTERN RIGHT-OF-WAY LINE OF SOUTH HIGHWAY 29 FOR A DISTANCE OF 212.86 FEET TO A 5/8" REBAR SET CAPPED LB#367; THENCE GO AROUND A CURVE CONCAVE TO THE RIGHT HAVING A RADIUS OF 1,656.57 FEET, AN ARC LENGTH OF 200.24 FEET SUBTENDED BY A CHORD BEARING OF NORTH 20 DEGREES 18 MINUTES 47 SECONDS WEST AND A CHORD DISTANCE OF 200.12 FEET TO A 1" OPEN TOP PIPE FOUND; THENCE LEAVING THE EASTERN RIGHT-OF-WAY LINE OF SOUTH HIGHWAY 29 GO SOUTH 85 DEGREES 50 MINUTES 27 SECONDS EAST ALONG A COMMON PROPERTY LINE WITH NORWOOD STUCCO, INC PROPERTY AND TLC PROPERTIES, INC. PROPERTY FOR A DISTANCE OF 250.81 FEET TO A 5/8" REBAR SET CAPPED LB#367 LOCATED ON THE WESTERLY RIGHT-OF-WAY LINE OF U.S. HIGHWAY 29 SOUTH/STATE HIGHWAY 95A (210' PUBLIC R/W); THENCE GO SOUTH 14 DEGREES 18 MINUTES 46 SECONDS WEST ALONG THE WESTERLY RIGHT-OF-WAY LINE OF U.S. HIGHWAY 29 SOUTH/STATE HIGHWAY 95A FOR A DISTANCE OF 376.50 FEET TO A 1" OPEN TOP PIPE FOUND; THENCE LEAVING THE WESTERLY RIGHT-OF-WAY LINE OF U.S. HIGHWAY 29 SOUTH/STATE HIGHWAY 95A GO SOUTH 85 DEGREES 50 MINUTES 18 SECONDS WEST ALONG A COMMON PROPERTY LINE WITH RODNEY M. HARRIS, GWENDOLYN F. BROOKS, RICKY HARRIS, MICHAEL HARRIS AND MANTA J. SAMUAL PROPERTY FOR A DISTANCE OF 187.94 FEET TO A 1/2" REBAR FOUND ON THE EASTERN RIGHT-OF-WAY LINE OF SOUTH HIGHWAY 29 AND THE POINT OF BEGINNING.

SAID TRACT CONTAINS 1.891 ACRES (82,371 SQ.FT.)

LAND DISTURBANCE NOTE:

ALL LAND DISTURBING ACTIVITIES, INCLUDING TREE REMOVAL, SHALL ONLY COMMENCE AFTER PROPER PERMITS ARE OBTAINED FROM ESCAMBIA COUNTY FOR THIS ACTIVITY.

FLOOD ZONE NOTE:

THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE X, (MINIMAL RISK AREAS OUTSIDE THE 1-PERCENT AND 2-PERCENT ANNUAL CHANCE FLOODPLAINS. NO BFES OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES), AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C0295G, MAP REVISION DATED SEPTEMBER 29, 2006.

SITE CONSTRUCTION PLANS

FOR

DOLLAR GENERAL®

STORE # 23278

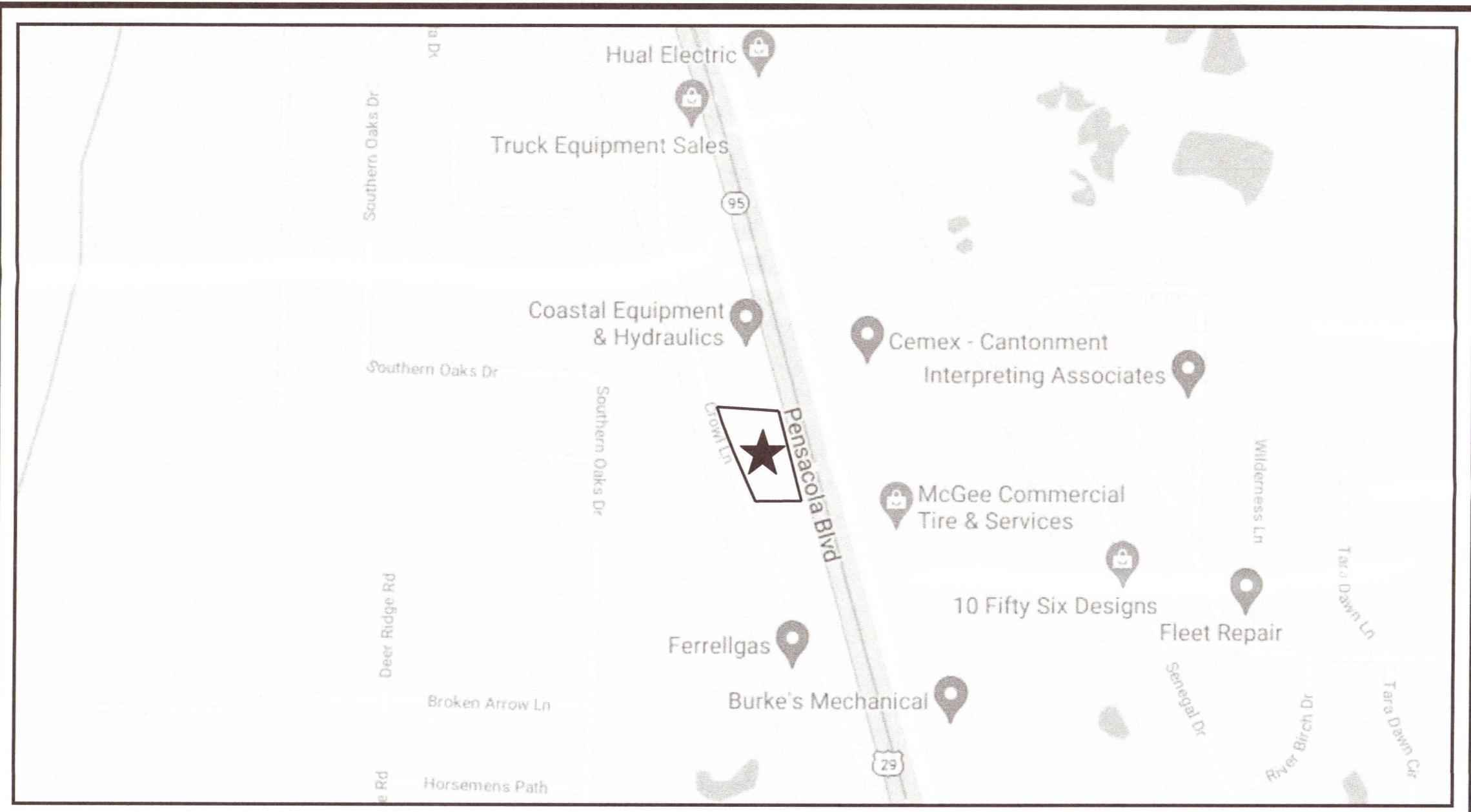
3005 S HIGHWAY 29

SCAMBIA COUNTY, FLORIDA

JULY 9, 2021

Revised September 22, 2021

Approved ESCAMBIA COUNTY DRC PLAN REVIEW	
DRC Chairman Signature	Eric Johnson
Printed Name:	Eric Johnson
Date 9/29/2021	
Development Services Director or Designee	
<p>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.</p>	



VICINITY MAP

APPROXIMATE SCALE: 1" ~ 500'

OWNER/DEVELOPER:



Teramore Development, LLC
P.O. Box 6460
Thomasville, GA 31758
(229) 516-4289

ENGINEER OF RECORD:



Bell Engineering Services, LLC
Jennifer D. Bell, P.E. (FL #64666)
Pensacola, Florida 32503
(850) 723-7185
EB 00029198

2

ECUA Engineering Manual Reference Note*				
* note shall be inserted in the upper right corner of title sheet				
* applicable only to ECUA infrastructure to be constructed in public ROW or in utility easement; not to be applied to private water/sewer facilities on private property (see Building Code)				
A. ECUA Engineering Manual Incorporated by Reference				
The ECUA Engineering Manual, dated December 18, 2014, along with Update # 1 dated September 1, 2016 (hereinafter "Manual"), located at www.ecua.fl.gov , is hereby incorporated by reference into this Project's official contract documents as if fully set forth therein. It is the Contractor's responsibility to be knowledgeable of the Manual's contents and to construct the Project in accordance with the Manual. The Contractor shall provide its employees access to the Manual at all times, via Project site or office, via digital or paper format. In the event of a conflict between the Manual and Plans, Contractor shall consult Engineer of Record for proper resolution.				
B. Additional Documents to be completed by the Engineer of Record				
Does this Project have additional technical specifications or construction details that supplement and/or supersede the Manual listed above? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO. If yes, Contractor shall construct Project in accordance with said documents as listed and located below:				
C. Project Manuals used only with ECUA CIP Projects				
C. Engineer of Record Responsibilities				
The Engineers of Record (EORs) that have affixed their seals and signatures on these plans warrant their portions of the plans have been designed in accordance with the Manual (unless otherwise directed by the ECUA Project Engineer). The EORs shall be knowledgeable of the Manual's contents and shall assume responsibility for its use on this Project.				

DRAWING INDEX

C1.0	EXISTING SITE, DEMOLITION & EROSION CONTROL PLAN
C1.1	EROSION CONTROL DETAILS
C1.2	NPDES – STORMWATER POLLUTION PREVENTION PLAN
C2.0	SITE LAYOUT & DIMENSION PLAN
C2.1	MISCELLANEOUS SITE DETAILS
C3.0	GRADING & DRAINAGE PLAN
C3.1	GRADING & DRAINAGE DETAILS
C4.0	UTILITY PLAN
C4.1	UTILITY DETAILS
C5.0	LANDSCAPE PLAN
C6.0	FDOT IMPROVEMENTS – DEMO, SITE, GRADING & DRAINAGE
C6.1	DETAILS & PROFILES
C6.2	FDOT 660' SURVEY & SIGHT DISTANCE
C6.3-C6.4	FY 2021-22 STANDARD PLANS (FDOT)

SITE INFORMATION:

PROPERTY REFERENCE NO:	21-1N-30-1301-000-007 & 21-1N-30-1301-000-010
PROPERTY ADDRESS:	3005 S HIGHWAY 29
PROPERTY AREA:	1.89 ACRES (82,371 SF)
PROJECT AREA:	1.89 ACRES (82,371 SF)
FLOOD MAP:	FLOOD ZONE "X", MAP #12033C0295-G, DATED 09-29-2006
PROPERTY ZONING:	HC/LI
FUTURE LAND USE:	MU-S
PROPOSED ACTIVITY:	RETAIL
REQUIRED BUILDING SETBACKS HC/LI (PER LDC SECTION 3-2.6):	FRONT YARD – 15' (EAST & WEST) SIDE YARD – 10' (NORTH & SOUTH) REAR YARD – 15'



DATE	#	REVISION DESCRIPTION
07/26/21	1	ESCO REVIEW
08/02/21	2	ECUA REVIEW
08/09/21	3	FDOT DRAINAGE REVIEW
9/22/21	4	FDOT ACCESS REVIEW

BELL ENGINEERING SERVICES PROJECT#: 2021006

SIGNAGE NOTE:
ROADWAY: HIGHWAY 29 SOUTH
CLASSIFICATION: ARTERIAL
PROPERTY FRONTAGE: 376 LF
BUILDING FRONTAGE AT GRADE: 140.2 LF
MAX FREESTANDING SIGN AREA PER INDIVIDUAL SUPPORT STRUCTURE (ARTERIAL): 250 SF
FREESTANDING MAX SIGN HEIGHT: 35 LF
WALL SIGN AREA: A MAXIMUM WALL SIGN AREA IS 2.50 SF/LF OF ANY BUILDING
FRONTAGE FACING AN ARTERIAL OR FOUR-LANE STREET.
140.2LF x 2.50 SF/LF = 350.5 SF

A VALID ESCAMBIA COUNTY SIGN PERMIT MUST BE OBTAINED PRIOR TO ERECTING,
CONSTRUCTING, ALTERING, OR RELOCATING ANY SITE SIGNAGE.

1

GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL:

- 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.
- 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.
- PERMANENT VEGETATION TO BE SEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED. NEWLY PLACED SOD/SEED IN RIGHT OF WAY SHALL BE WATERED UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED.
- ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION.
- *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.
- 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.
- ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E. SLOPES GREATER THAN 3:1).
- 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 15 FT. X 50FT. X 6IN. (MINIMUM), CRUSHED LIMEROCK 2 1/2 INCHES IN DIAMETER. SAID BLANKET SHALL BE UNDERLAID WITH A FDOT CLASS 3 SYNTHETIC FILTER FABRIC AND MAINTAINED IN GOOD ORDER.
- 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.
- CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.
- UNFILTERED DEWATERING IS NOT PERMITTED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER.
- 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.
- ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY.
- 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.
- ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE NUMBER 2 (ABOVE).
- THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- ALL SEDIMENTATION STRUCTURES SHALL BE INSPECTED AND MAINTAINED REGULARLY.
- ALL CATCH BASIN INLETS SHALL BE PROTECTED WITH HAY BALES AS SHOWN ON DETAIL.
- 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.
- 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

TEMPORARY SEEDING DETAILS:

SEED BED PREPARATION:
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:
CONSISTING OF ANNUAL RYE (LOLIUM MULTIFLORUM) AT A RATE OF 174 LBS./ACRE.

PERMANENT SEEDING DETAILS:

SEED BED PREPARATION:
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 CONSISTING OF

RATE	PURITY	GERMINATION
260 LBS./AC.	95%	80%
260 LBS./AC.	95%	40%(MIN.)-80%(TOTAL)

SODDING:
SOD SHALL BE WELL ROOT MATTED CENTIPEDE OR BAHIA GRASS COMMERCIAL 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. NEWLY PLACED SOD/SEED IN RIGHT OF WAY SHALL BE WATERED UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED.

TRAFFIC CONTROL STANDARDS:

- CONSTRUCTION TRAFFIC SHALL BE RESTRICTED TO ONSITE ACCESS BY MEANS SO DESIGNATED BY THE ENGINEER, POLICE/SHERIFF DEPARTMENT, LOCAL GOVERNMENT ROADS DEPARTMENT, AND/OR THE FLORIDA DEPARTMENT OF TRANSPORTATION.
- TRAFFIC DURING WET WEATHER SHALL BE MINIMIZED AND APPROPRIATE ROADWAY AND SITE CLEAN-UP SHALL BE PROVIDED BY THE CONTRACTOR AS SOON AS WEATHER CONDITIONS PERMIT.

TREE PROTECTION:

- DAMAGED TRUNKS OR EXPOSED ROOTS WILL BE PAINTED IMMEDIATELY WITH A GOOD GRADE OF "TREE PAINT".
- TREE LIMB REMOVAL, WHERE NECESSARY, WILL BE DONE FLUSH TO TRUNK OR MAIN BRANCH AND THAT AREA PAINTED IMMEDIATELY WITH A GOOD GRADE OF TREE PAINT.

DUST CONTROL:

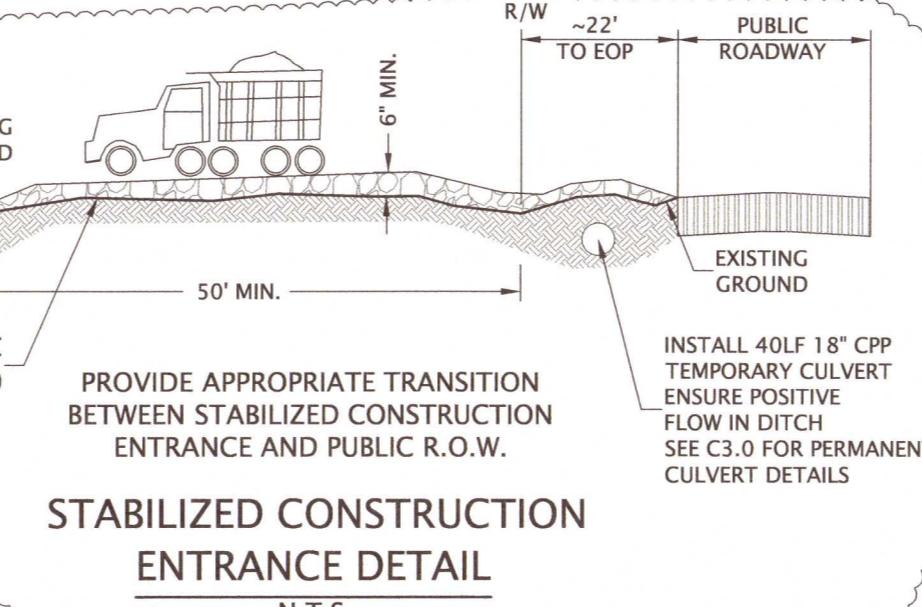
- ALL AREAS OF CLEARING AND EMBANKMENT AS WELL AS CONSTRUCTION HAUL ROADS SHALL BE TREATED AND MAINTAINED IN SUCH A MANNER AS TO MINIMIZE ANY DUST GENERATION.
- DISTURBED AREAS SHALL BE MAINTAINED IN A ROUGH GRADED CONDITION AND TEMPORARILY SEADED AND/OR MULCHED UNTIL PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF PERMANENT VEGETATION COVER.
- IN EVENT OF EMERGENCY CONDITIONS, TILLAGE WILL BE SATISFACTORY FREE BEFORE SOIL BLOWING STARTS.
- CALCIUM CHLORIDE MAY BE APPLIED TO UNPAVED ROADWAY AREAS, ONLY, SUBJECT TO THE ENGINEER'S APPROVAL AND CONFORMANCE WITH FDOT STANDARD SPECIFICATIONS, LATEST EDITION.

PROPOSED SEQUENCE OF CONSTRUCTION:

THIS PROJECT SHALL CONSIST OF THE CONSTRUCTION OF SANITARY SEWERS OR WATER MAINS BY THE EMERALD COAST UTILITIES AUTHORITY OR ITS CONTRACTOR WITHIN PUBLIC RIGHTS OF WAY. THE CONSTRUCTION SHOULD PROCEED IN THE FOLLOWING MANNER:

- INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL DEVICES THAT CAN BE PLACED PRIOR TO ANY MAJOR SOIL DISTURBANCES.
- CLEAR AND REMOVE ALL EXISTING VEGETATION IN THOSE AREAS WHERE NECESSARY. ALL REMAINING VEGETATION TO BE PROPERLY PROTECTED AND TO REMAIN IN ITS NATURAL STATE. TOPSOIL IN AREAS TO BE DISTURBED TO BE STRIPPED TO A MINIMUM DEPTH OF SIX (6) INCHES AND STOCKPILED SEPARATELY FROM OTHER EXCAVATED SOILS.
- IMMEDIATE INSTALLATION OF ALL REMAINING SEDIMENT AND EROSION CONTROL DEVICES.
- INITIATE CONSTRUCTION OF SANITARY SEWER AND/OR WATER MAIN.
- UPON COMPLETION OF CONSTRUCTION ACTIVITIES, PROVIDE RESTORATION, FINE GRADE REMAINDER OF SITE, RESpread STOCKPILED TOPSOIL AND STABILIZE WITH PERMANENT VEGETATIVE COVER AND LANDSCAPING.
- REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.

TREE BARRICADE DETAIL



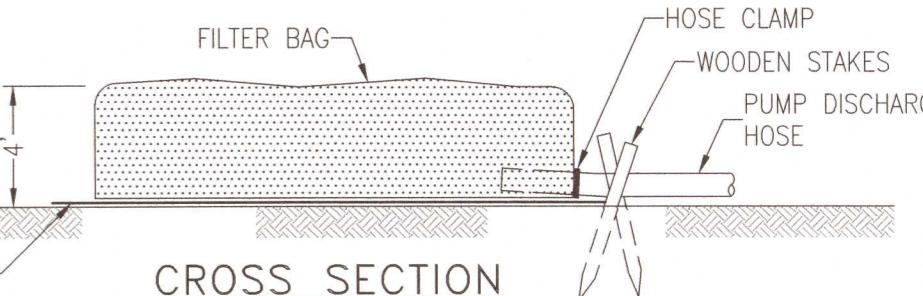
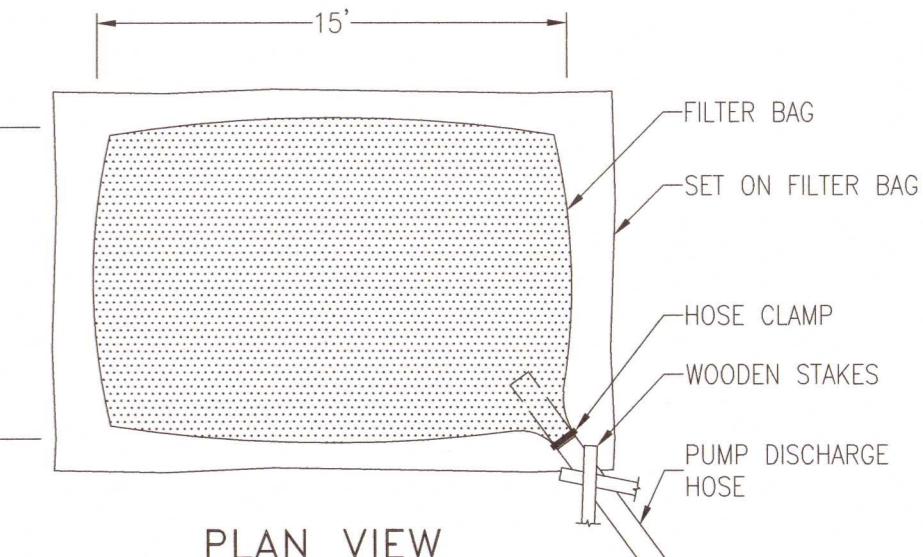
DESCRIPTION:
FILTER BAGS WILL BE USED AS AN EFFECTIVE FILTER MEDIUM TO CONTAIN SAND, SILT AND FINES WHEN TRENCH DEWATERING. THE WETLAND FILTER BAG CONTAINS THESE MATERIALS WHILE ALLOWING THE WATER TO FLOW THROUGH THE FABRIC.

INSTALLATION:
WETLAND FILTER BAGS MAY REPLACE HAY BALE CORRALS DURING TRENCH DEWATERING, AT THE DISCRETION OF THE ENGINEER INSPECTOR. TO INSURE PROPER INSTALLATION, FILTER BAGS WILL BE PLACED ON RELATIVELY FLAT TERRAIN FREE OF BRUSH AND STUMPS TO AVOID RUPTURES AND PUNCTURES. PROPER INSTALLATION REQUIRES CUTTING A SMALL HOLE IN THE CORNER OF THE BAG, INSERTING THE PUMP DISCHARGE HOSE, AND THEN SECURING THE DISCHARGE HOSE TO THE BAG WITH A HOSE CLAMP. FILTER BAGS WILL BE PLACED AS FAR AWAY FROM FLOWING STREAMS AND WETLANDS AS POSSIBLE.

Maintenance:
PRIOR TO REMOVING A BAG FROM THE HOSE, THE BAG WILL BE TIED OFF BELOW THE END OF THE HOSE ALLOWING THE BAG TO DRAIN. DRAINAGE WILL NOT BE ALLOWED THROUGH THE INLET HOLE. TO AVOID RUPTURE, THE BAGS WILL BE ATTENDED AND PUMPING RATES MONITORED. ONCE THE BAG IS INFLATED TO A HEIGHT OF 4 FEET, PUMPING WILL STOP TO AVOID RUPTURE. FILTER BAGS USED DURING CONSTRUCTION WILL BE BUNDLED AND REMOVED FOR PROPER DISPOSAL.

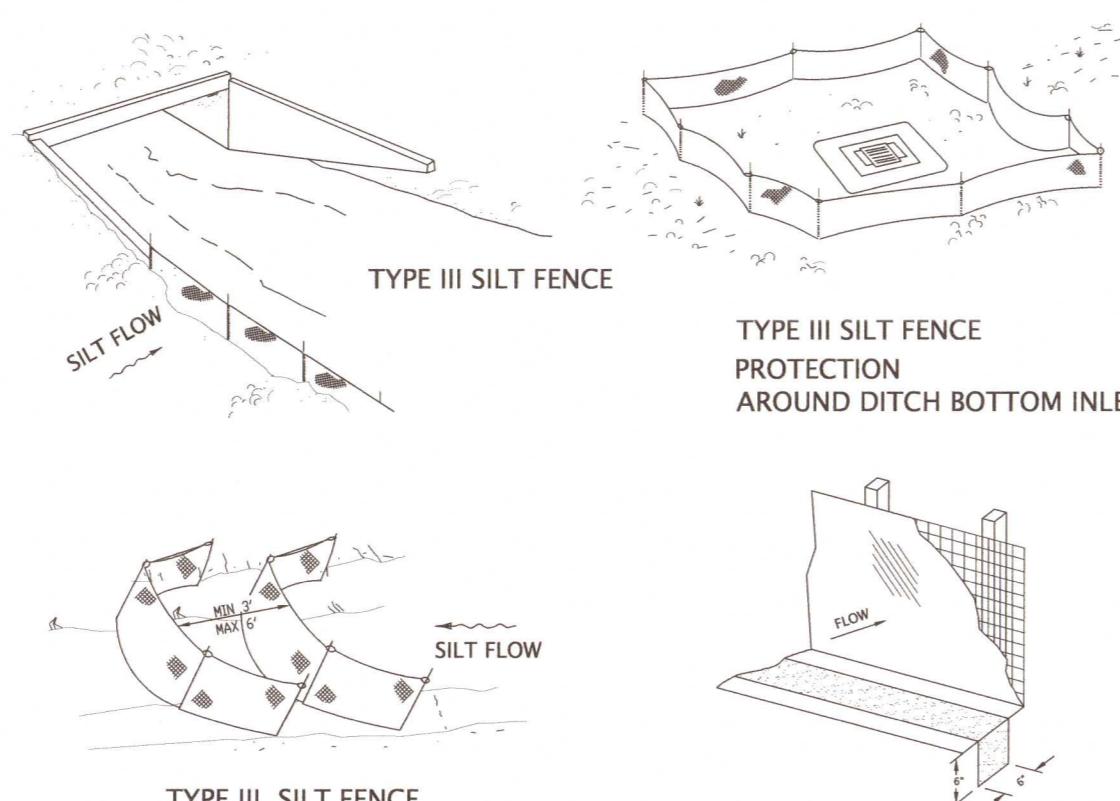
SPECIFICATION:
FILTER BAGS ARE CONSTRUCTED OF NON-WOVEN GEOTEXTILE FABRIC. A MAXIMUM OF ONE SIX INCH DISCHARGE HOSE WILL BE ALLOWED PER FILTER BAG. BAG CAPACITY WILL BE EXCEEDED BEYOND 2,000 GALLONS PER MINUTE. TYPICAL BAG DIMENSIONS ARE 15 FEET BY 13.25 FEET. TO HELP PREVENT PUNCTURES, GEOTEXTILE FABRIC WILL BE PLACED BEHIND THE FILTER BAG WHEN USED IN WOODED LOCATIONS. UNATTENDED FILTER BAGS WILL BE ENCIRCLED WITH A HAY BALE OR SILT FENCE CORRAL. HOSE CLAMPS WILL BE USED TO SECURE THE DISCHARGE HOSE, WIRE OR STRING WILL NOT BE USED.

NOTE:
CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITTING ASSOCIATED WITH DEWATERING ACTIVITIES. DEWATERING ACTIVITIES MAY REQUIRE ADDITIONAL PERMITS FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (INDUSTRIAL WASTEWATER) AND THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT (CONSUMPTIVE USE).



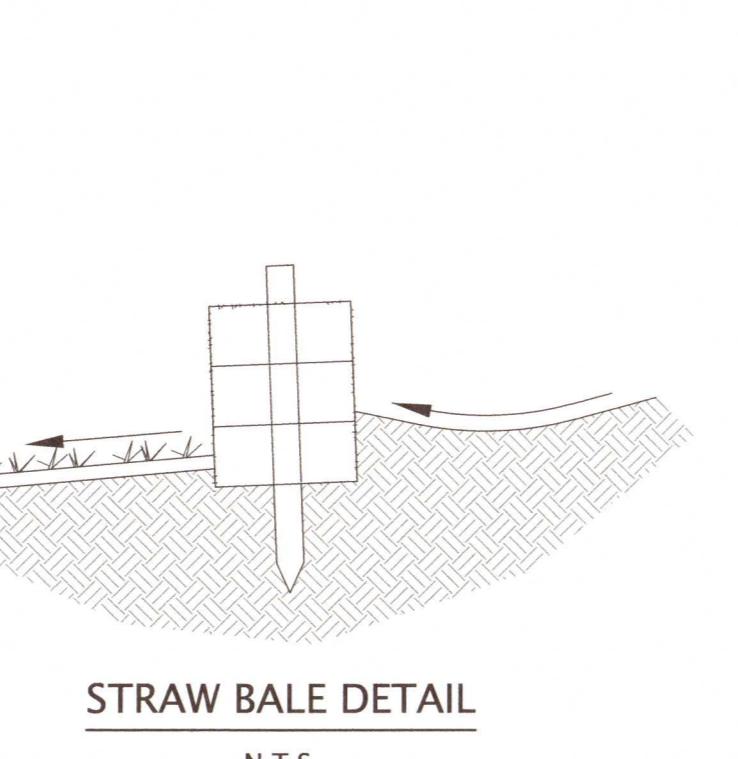
FILTER BAG DETAIL FOR TRENCH DEWATERING OPERATIONS

N.T.S.



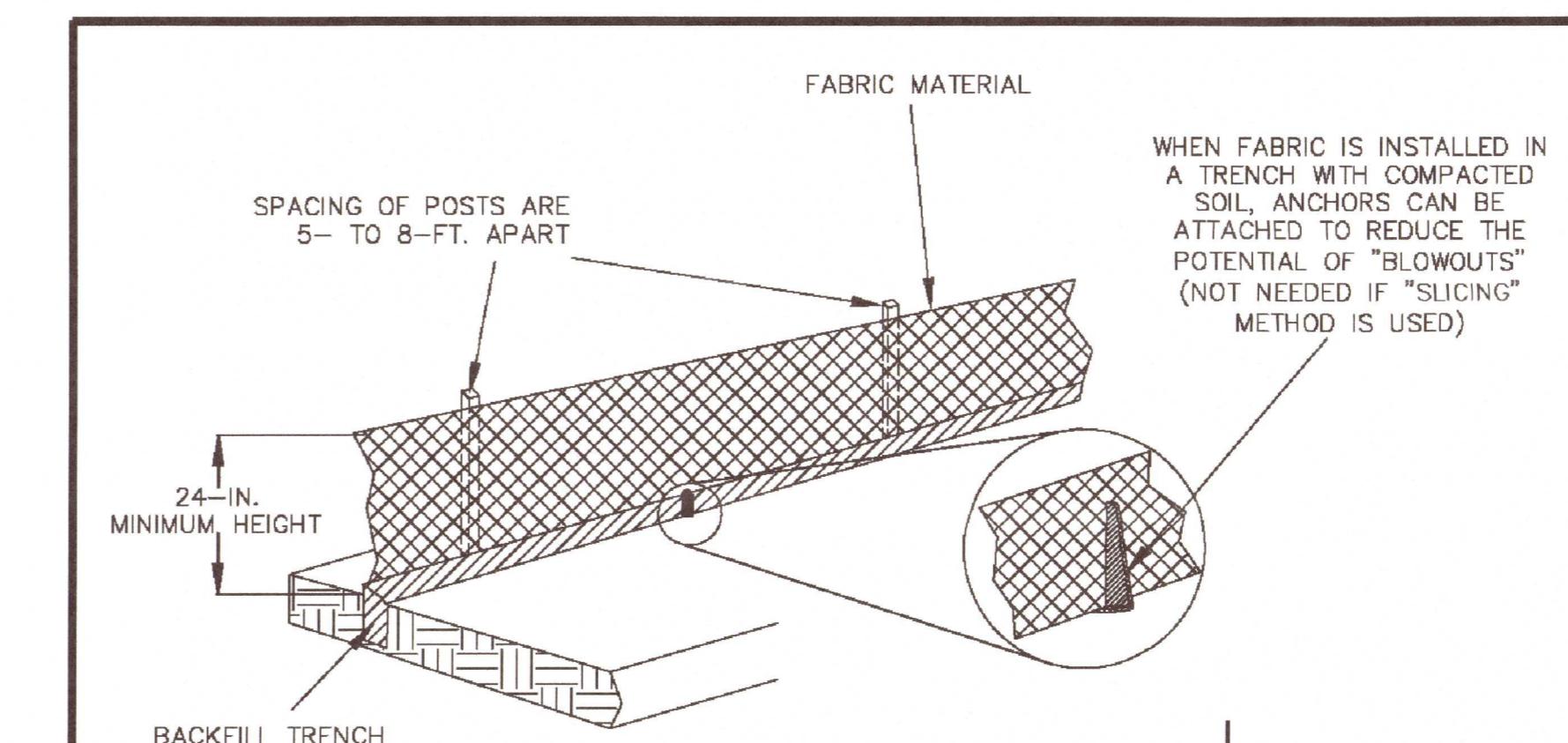
SILT FENCE APPLICATIONS

N.T.S.



STRAW BALE DETAIL

N.T.S.



FABRIC MATERIAL MUST BE SECURELY FASTENED TO THE POSTS OR (IF USED) TO THE WIRE MESH

WOOD OR STEEL POST INSTALLED BEFORE COMPACTING BACKFILL MATERIAL

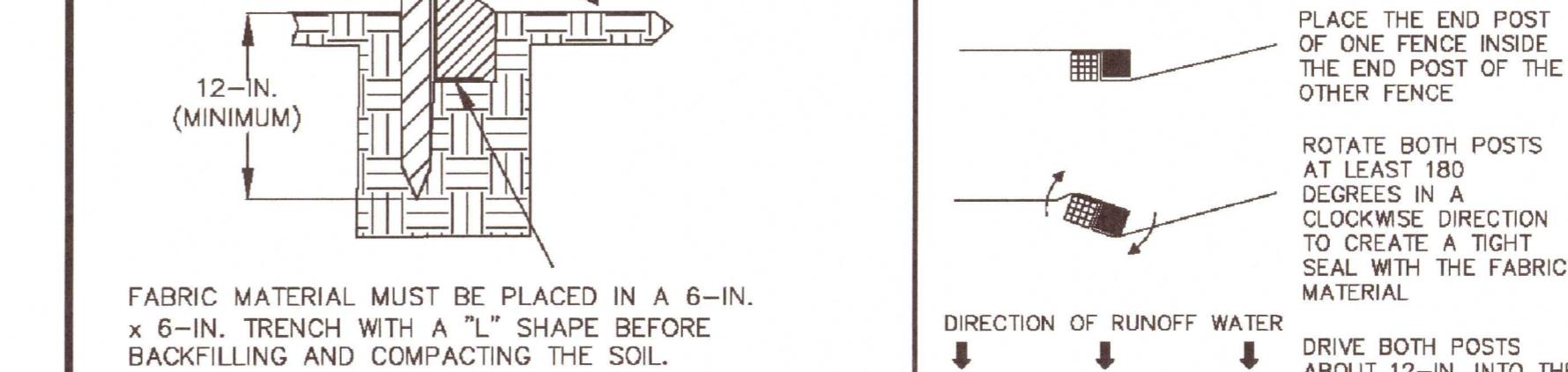
COMPACTED BACKFILL MATERIAL

RUNOFF

STEEL OR WOOD POST INSTALLED AFTER COMPACTION OF "SLICE"

8- TO 12-IN. (MINIMUM)

SLICING METHOD



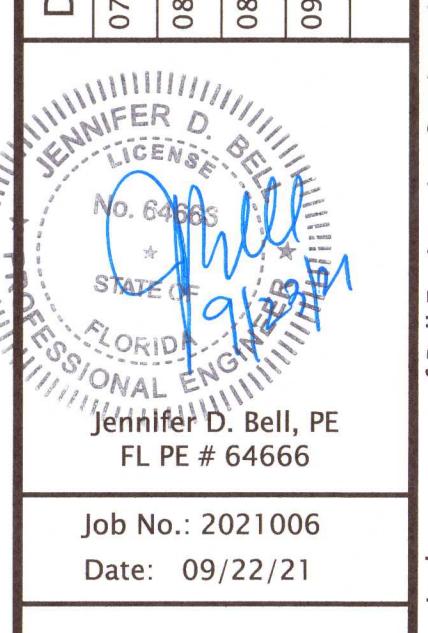
SILT FENCE BARRIER INSTALLATION

11/03

DOLLAR GENERAL

STORE #23278
3005 S HIGHWAY 29
ESCAMBIA COUNTY, FLORIDA

DATE	#	REVISION DESCRIPTION
07/26/21	1	ESCO REVIEW
08/02/21	2	ECUA REVIEW
08/05/21	3	FDOT DRAINAGE REVIEW
09/22/21	4	FDOT ACCESS REVIEW



Jennifer D. Bell, PE
Job No.: 2021006
Date: 09/22/21

BELL
ENGINEERING SERVICES
Jennifer D. Bell, P.E. (FL #64666)
Pensacola, Florida 32503
EB 00029198

STORM WATER POLLUTION PREVENTION PLAN

1.0 BACKGROUND & REQUIREMENTS:

1.1 Introduction:

The referenced support documentation for this Storm Water Pollution Prevention Plan (SWPPP) is the United States Environmental Protection Agency's (EPA) Storm Water Management for Construction Activities, Developing Pollution Prevention Plans and Best Management Practices Summary Guidance (EPA 833-R-92-001) and Storm Water Management for Construction Activities, Developing Pollution Prevention Plans and Best Management Practices (EPA 832-R-92-005). This SWPPP is designed to protect onsite and adjacent natural resources, including but not limited to, wetlands, marshes, bayous and bays, while preserving wildlife and archeological resources.

An ERP application (10/2) was made in July 2021.

1.2 Notice of Intent (NOI):

Rule 62-621.300(4), FAC requires the construction operator of a site that disturbs one or more acres to obtain coverage from the Generic Permit for Stormwater Discharge from Large and Small Construction Activities. The contractor is required to submit a Notice of Intent to Use Generic Permit for Stormwater Discharge from Large and Small Construction Activities (FDEP Form 62-621.300(4)(b)) along with the appropriate application fee to the following address 48 hours prior to commencing construction:

NPDES Stormwater Notices Center, MS # 2510
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

This form can be obtained from FDEP's website (www.dep.state.fl.us) or by contacting FDEP. Please note that the current application fee is \$250; however, this fee is subject to change without notice. Always refer to the most current version of Rule 62-4.050(4)(d), FAC to confirm the amount before submitting payment. If construction activity exceeds five years, the contractor must re-apply for coverage.

1.3 Stormwater Pollution Prevention Plan (SWPPP):

The contractor is required to certify this Stormwater Pollution Prevention Plan (SWPPP) below prior to submitting the NOI. This SWPPP is not required to be submitted with the NOI, but is required to be kept on site during all phases of construction. Because erosion and sediment controls and construction methods vary significantly from contractor to contractor, the contractor can propose alternative methods to this SWPPP that are equal or better at controlling erosion and sedimentation. At a minimum, the contractor must follow the erosion control plan specified in the construction plans and documents. Any modifications to this SWPPP must be documented and kept with the plan as part of the records keeping process to be in full compliance with the CGP.

1.4 Contractor's Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Print & Sign Name

Company & Address

Name & Title (Print)

Signature Date

Responsibilities (General Contractor, Site Contractor, Subcontractor, Other):

1.5 Notice of Termination (NOT):

The contractor is required to submit a Notice of Termination of Generic Permit Coverage (FDEP Form 62-621.300(6)) upon construction completion to discontinue permit coverage. The NOT is to be submitted to the following address:

NPDES Stormwater Notices Center, MS # 2510
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

This form can be obtained from FDEP's website (www.dep.state.fl.us) or by contacting FDEP. The NOT can not be submitted until all disturbed soils at the construction site have been finally stabilized and temporary erosion and sediment control measures have been REMOVED or will be REMOVED at an appropriate time. Final stabilization means that all soil disturbing activities at the site have been completed and that a uniform perennial vegetative cover with a density of 70 percent of the cover for unpaved areas and areas not covered by permanent structures has been established, or equivalent stabilization measures have been employed. If construction activity exceeds five years, the contractor must re-apply for coverage.

1.6 Application Information:

Project Address: Highway 29 & Cowl Lane
Pensacola, Florida
Escambia County, Florida
Latitude: 30°33'25.6"N
Longitude: 87°17'08.02"W
Water Management District: Northwest Florida (NWFWM)
MS4 Operator Name: ESCO
Receiving Water Name: Eventual outflow to a tributary of Perdido River

2.0 SITE DESCRIPTION:

2.1 Nature of Construction Activities:

This project involves the construction of a 10,769 sf Dollar General Store. Construction includes paved parking, utilities and stormwater management system.

2.2 Sequence of Major Soil Disturbing Activities:

The following sequence of major activities shall be followed unless the contractor can propose an alternative that is equal to or better at controlling erosion and sedimentation. The detailed sequence for the entire project can vary significantly from contractor to contractor. The contractor is responsible for documenting any changes.

1. Clear, grub and perform all demolition work.
2. Complete rough grading of the pond and direct all stormwater runoff to the pond(s).
3. Construct all underground utilities and storm drain system.
4. Construct roads (subgrade, curb & gutter, base, pavement, sidewalks, and landscaping).
5. Complete stormwater ponds.

2.3 Area Estimates:

Onsite Area:	1.89 acres
Offsite Area:	0.00 acres
Total Area:	1.89 acres
Area to be Disturbed:	1.89 acres

2.4 Runoff Data:

Runoff Coefficients (c):

Before: Total Composite c = 0.20
During: Varies between 0.20 and 0.95
After: Varies between 0.20 and 0.95

Total Composite c = 0.51

Soils Data:

For detailed soils information, refer to the Geotechnical Services Report prepared by Universal Engineering, in April 2021.

Drainage Areas for Each Outfall:

Outfall Location	Total Area flowing to Pond	'c' coefficient
Cowl Lane R/W	1.89 ac	0.51

2.5 Site Map:

The construction plans are to be used as the site maps. The location of the required information is described below. The sheet numbers for all the items discussed below are identified on the Cover Sheet of the construction plans.

- Drainage Patterns: All drainage patterns are shown on the Grading & Drainage Plans.
- Approximate Slopes: Approximate slopes are shown on the Grading & Drainage Plan. Pond side slopes are shown on the pond cross-sections, located on the Grading & Drainage Plan.
- Areas of Soil Disturbance: All demolition is shown on the Existing Site Conditions and Demolition and Erosion Control Plan Sheet. All proposed construction is shown on the remaining plans. Any areas where demolition work or permanent features are shown above or below ground will be disturbed.
- Areas not to be Disturbed: Any areas not showing demolition work or permanent features are assumed not to be disturbed. It will be the contractor's responsibility to indicate on the plans any of these areas that do get disturbed as well as any areas used for staging and materials storage.
- Locations of Controls: All proposed temporary controls and existing permanent controls are shown on the Existing Site, Demolition and Erosion Control Plan. All proposed permanent controls are shown on the remaining plans. It will be the contractor's responsibility to indicate the location of any other controls on the plans that are used during construction.
- Areas to be Stabilized: Permanent stabilization is shown on the plans. It will be the contractor's responsibility to indicate the location on the plans of all temporary stabilization practices used during construction.
- Surface Waters: N/A
- Discharge Points: 100-year attenuation with discharge to Cowl Lane R/W (County R/W).

2.6 Receiving Waters:

Outfall to Cowl Lane R/W.

3.0 CONTROLS:

3.1 Erosion and Sediment Controls:

All erosion and sediment controls specified on the Demolition and Erosion Control Plan Sheets, and the Erosion Control Details shall be installed prior to any construction or demolition. Silt fencing and staked hay bales shall be installed along down-gradient limits.

Temporary seeding and mulching shall be applied after 14-day intervals of ceased disturbance activities that will exceed 20-day periods. Graded areas shall be stabilized with permanent seeding, mulching, and fertilizing, or sodding within five days of final grading. Landscaping, including sodding, shall be installed by an experienced Landscape Contractor. Proposed disturbed areas will not exceed 8 acres in any drainage area.

3.2 Stormwater Management:

Proposed stormwater management facilities for this site includes a shallow dry retention pond with a bottom filter system - discharge to Cowl Lane R/W. The system has been designed to accommodate the entire developed site. The proposed stormwater management facilities meet all stormwater treatment requirements and all rate control requirements set forth by the local and state regulatory agencies.

3.3 Other Controls:

Waste Disposal: The contractor is responsible for all waste disposal from the site. The contractor shall employ waste disposal practices that meet all local, state, and federal guidelines and prevent discharge of solid materials to waters of the United States. The Contractor is responsible for documenting this portion of the SWPPP.

Offsite Vehicle Tracking: If off site tracking of sediments by construction vehicles occurs, the contractor is required to install a Soil Tracking Prevention Device (STPD) as per FDOT Standard Index 106 at all exits to the site where sediment tracking is occurring. The Contractor is also responsible for documenting this portion of the SWPPP.

4.0 MAINTENANCE:

Controls shall be kept in full operating condition throughout all phases of construction until all disturbed areas are completely stabilized. Maintenance, repair records and repair requests shall be documented. Repairs and deficiencies shall be completed as soon as possible and within seven days after inspection. Any required changes that are not covered in the SWPPP shall also be made as soon as possible within seven days and documented.

5.0 INSPECTIONS:

Qualified personnel shall inspect the following items, but not limited to, at least once every seven calendar days and within 24 hours of the end of a storm that is 0.25 inches or greater. Where sites have been finally stabilized, inspections shall be conducted at least once every month.

- Points of discharge to waters of the United States.
- Points of discharge to municipal separate storm sewer systems.
- Disturbed areas of the site that have not been finally stabilized.
- Areas used for storage of materials that are exposed to precipitation.
- Structural controls.
- Stormwater management systems.
- Locations where vehicles enter or exit the site.

6.0 NON-STORMWATER DISCHARGES:

The Contractor shall be responsible for reporting any hazardous substance spills that may equal or exceed a Reportable Quantity (RQ). Refer to EPA's List of Hazardous Substances and Reportable Quantities (EPA 40 CFR 302.4 & 117). This list can be obtained from EPA's website (www.epa.gov) or by contacting EPA. If an RQ release does occur the Contractor shall perform the following procedures:

- Notify the National Response Center immediately at 800-424-8802.
- Provide written description of the release within 14 days providing dates, cause and prevention methods to the regional EPA office.
- Modify the SWPPP as necessary to address added prevention methods.

7.0 IMPLEMENTATION CHECKLIST:

7.1 Records:

The Contractor shall maintain records of construction activities including, but not limited to:

- Dates when major grading activities occur.
- Dates when construction activities temporarily cease on a portion of the site.
- Dates when construction activities permanently cease on a portion of the site.
- Dates when stabilization measures are initiated on the site.

7.2 Inspection Reports:

The Contractor shall prepare inspection reports summarizing the following, but not limited to:

- Name of inspector.
- Qualifications of inspector.
- Measures/areas inspected.
- Observed conditions.
- Changes necessary to the SWPPP.

7.3 Releases of Reportable Quantities of Oil or Hazardous Materials:

The Contractor shall report any releases of reportable quantities of oil or hazardous materials if they occur as per the measures outlined in Section 6.0 of the SWPPP.

7.4 SWPPP Modification:

The Contractor shall modify the SWPPP as necessary to:

- Comply with minimum permit requirements when notified by FDEP that the plan does not comply.
- Address any changes in design, construction operations or maintenance, which has an effect on the potential for discharge of pollutants.
- Prevent reoccurrence of reportable quantity releases of hazardous material or oil.

8.0 TERMINATION CHECKLIST:

The following items shall be complete before submitting the NOT:

- All soil disturbing activities are complete.
- Temporary erosion and sediment control measures have been REMOVED or will be REMOVED at an appropriate time.
- All areas of the construction site not otherwise covered by permanent pavement or structure have been stabilized with uniform perennial vegetative cover with a density of 70% or equivalent measures have been employed.

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NPDES - STORMWATER
POLLUTION
PREVENTION PLAN

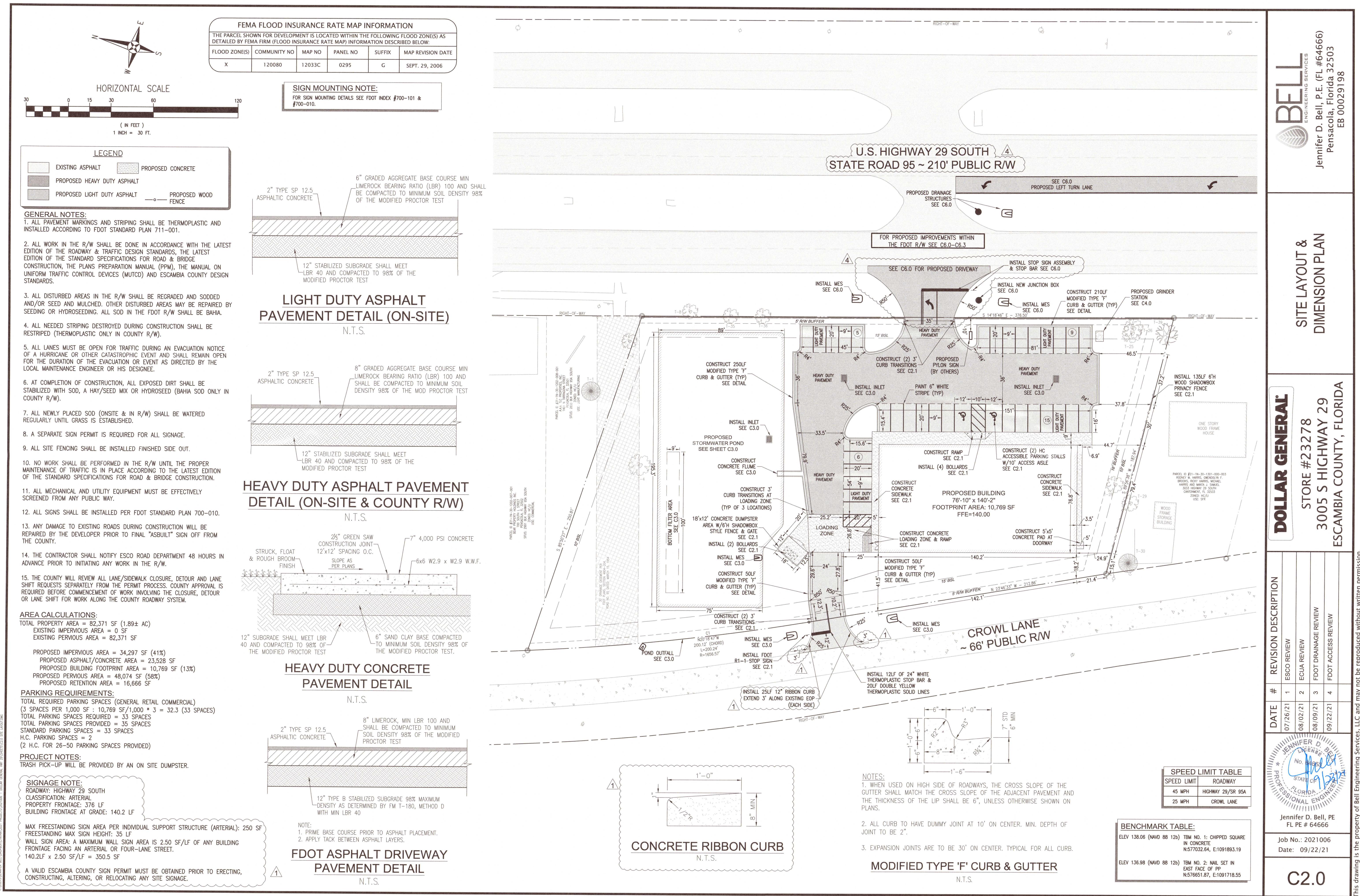
DOLLAR GENERAL
STORE #23278
3005 S HIGHWAY 29
ESCAMBIA COUNTY, FLORIDA

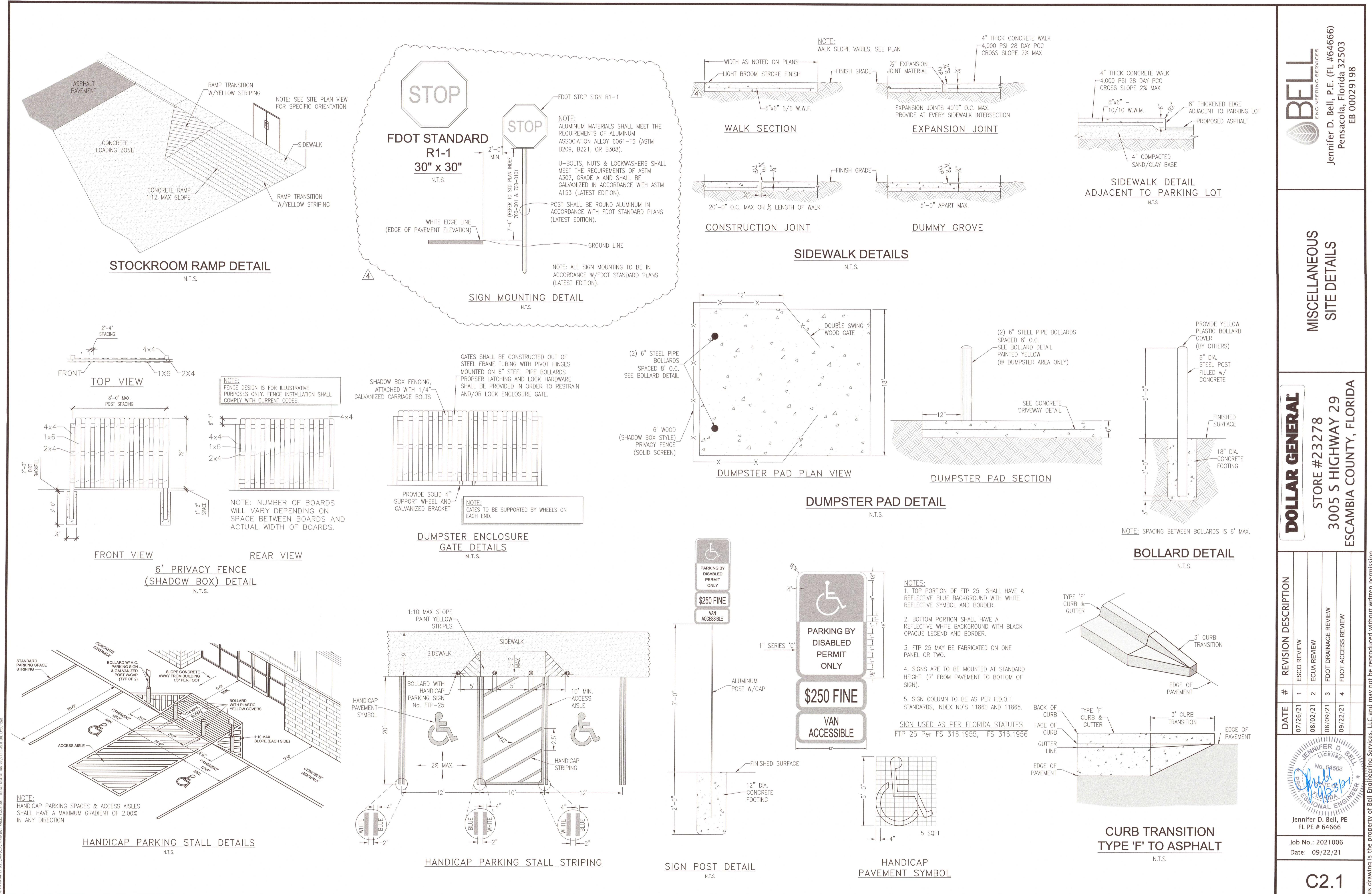
DATE	#	REVISION DESCRIPTION
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08/02/21	2	ECUA REVIEW
08/09/21	3	FDOT DRAINAGE REVIEW
09/12/21	4	FDOT ACCESS REVIEW

Jennifer D. Bell, PE
FL PE # 64666

Job No.: 2021006
Date: 09/22/21

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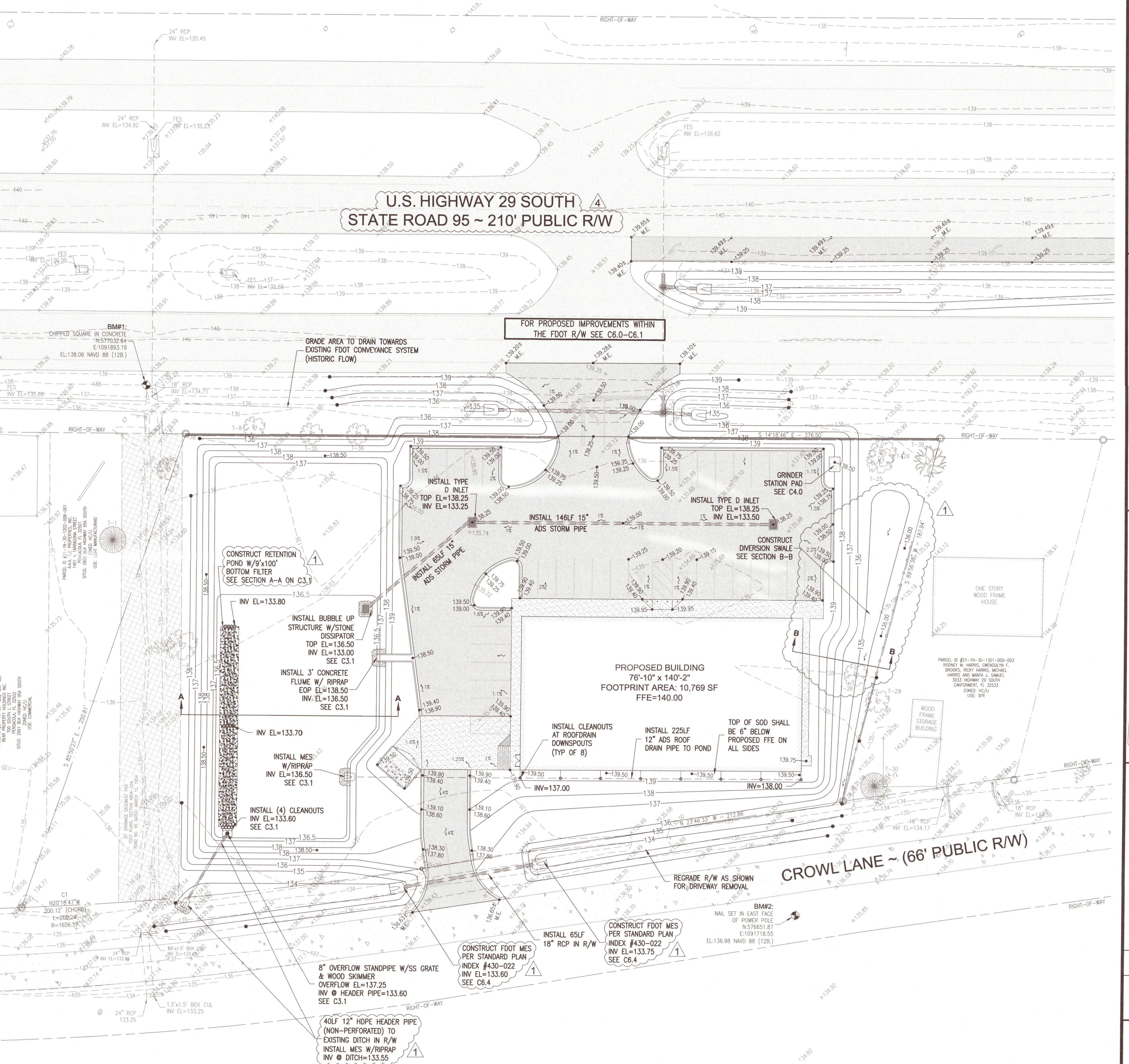




GRADING & DRAINAGE PLAN

STORE #23278
3005 S HIGHWAY 29
ESCAMBIA COUNTY, FLORIDA

DOLLAR GENERAL



FEMA FLOOD INSURANCE RATE MAP INFORMATION					
THE PARCEL SHOWN FOR DEVELOPMENT IS LOCATED WITHIN THE FOLLOWING FLOOD ZONE(S) AS DETAILED BY FEMA FIRM (FLOOD INSURANCE RATE MAP) INFORMATION DESCRIBED BELOW:					
FLOOD ZONE(S)	COMMUNITY NO.	MAP NO.	PANEL NO.	SUFFIX	MAP REVISION DATE
X	120080	12033C	0295	G	SEPT. 29, 2006

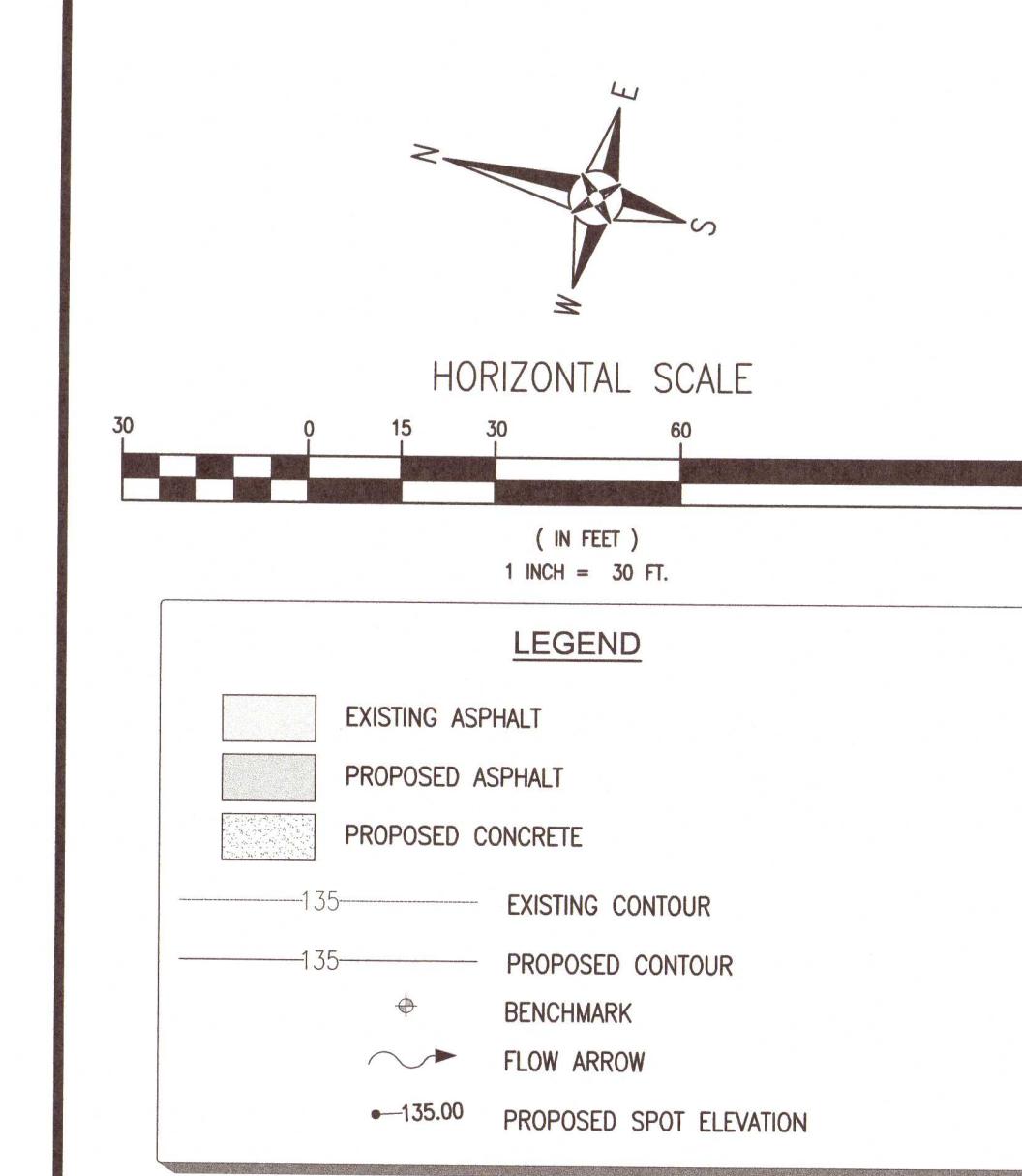
DATE	#	REVISION DESCRIPTION
07/26/21	1	ESCO REVIEW
08/02/21	2	EQUA REVIEW
08/09/21	3	FOOTDRAINAGE REVIEW
09/22/21	4	FDOT ACCESS REVIEW



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FL PE # 64666

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GENERAL NOTES:
1. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION(S). THE CONTRACTOR SHALL CONTROL STORM WATER DURING ALL PHASES OF CONSTRUCTION.

2. THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.

3. ALL ASPECTS OF THE STORM WATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.

4. THE ENGINEER OF RECORD SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS-BUILT" CERTIFICATION OR THE "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.

5. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE COUNTY. ANY DEVIATIONS MAY RESULT IN OBTAINING A CERTIFICATE OF OCCUPANCY.

6. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORM WATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORM WATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.

7. THE DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN-OUT ACCUMULATED SILT, AND STABILIZE RETENTION PONDS AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.

8. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH ESCAMBIA COUNTY, A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.

9. ALL DISTurbed AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD.

10. ALL NEW BUILDING ROOF DRAINS, DOWN SPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORM WATER TO RETENTION/DETENTION AREAS.

11. ALL RIP-RAP FLUMES SHALL BE INSTALLED WITH A FILTER FABRIC INSTALLED UNDERNEATH FOR THE ENTIRE AREA OF THE RIP-RAP.

12. THE CONTRACTOR SHALL NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN RIGHT-OF-WAY. (1-800-432-4770).

13. THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT OF WAY.

NWFWMD ENVIRONMENTAL RESOURCE PERMITTING (ERP) NOTES:

1. AT LEAST 48 HOURS PRIOR TO BEGINNING THE AUTHORIZED ACTIVITIES, THE PERMITTEE (VIA CONTRACTOR) SHALL SUBMIT TO THE AGENCY A FULLY EXECUTED FORM 62-330.350(1), "CONSTRUCTION COMMENCEMENT NOTICE" INDICATING THE EXPECTED START AND COMPLETION DATES. THE NPDES NOT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES, DEP FORM 62-621.300(4)(6), SHALL ALSO SERVE AS NOTICE OF COMMENCEMENT OF CONSTRUCTION UNDER FAC 62-330. COPIES OF THE NOTICES SHALL BE FORWARDED TO THE EOR.

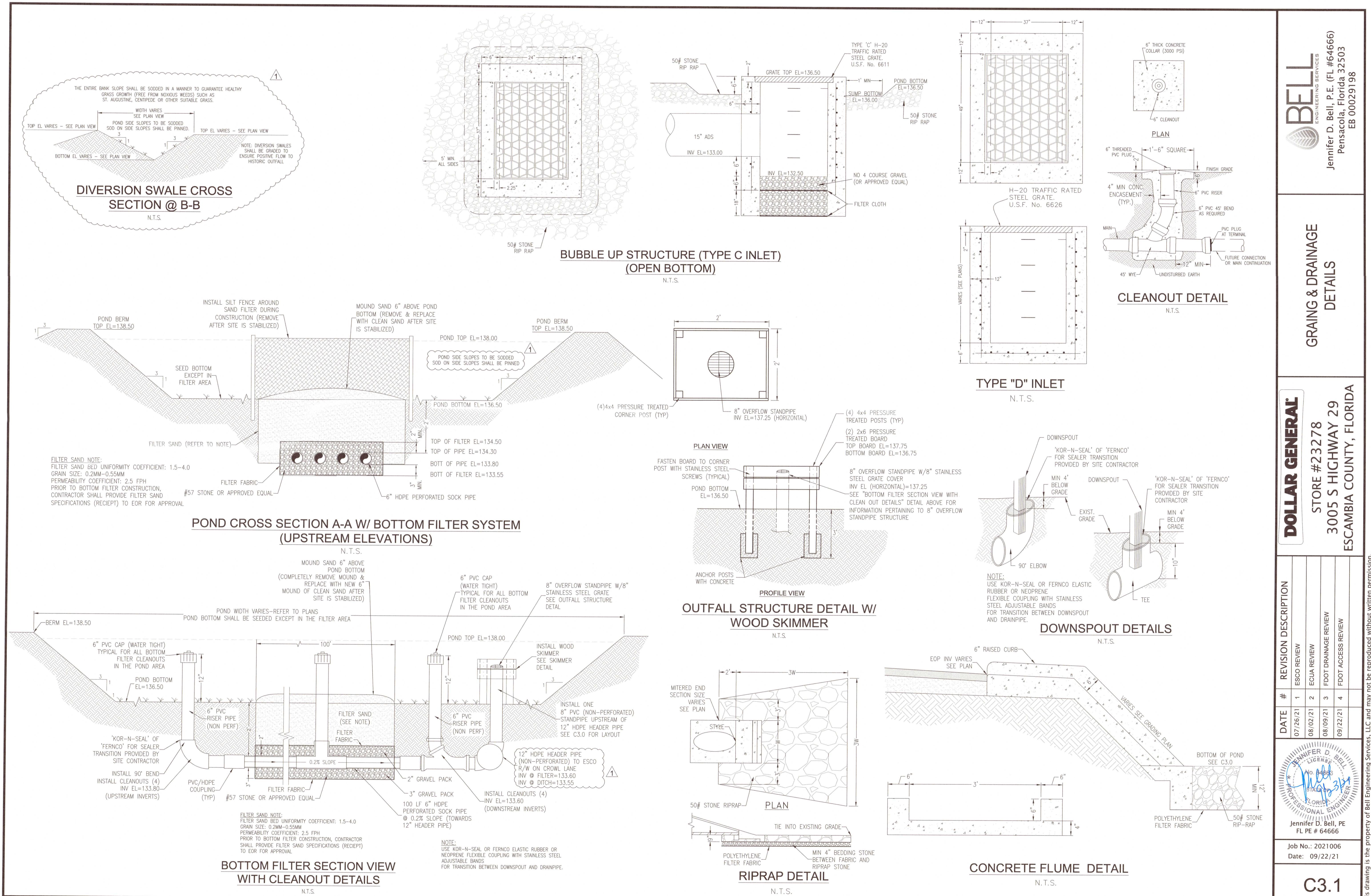
2. WITHIN 30 DAYS AFTER COMPLETING CONSTRUCTION OF THE ENTIRE PROJECT, OR ANY INDEPENDENT PORTION OF THE PROJECT, THE PERMITTEE (VIA EOR) SHALL PROVIDE THE ASBUILT CERTIFICATION AND REQUEST FOR CONVERSION TO OPERATION PHASE FORM 62-330.310(1). THE OWNER IS RESPONSIBLE FOR OBTAINING AN ASBUILT SURVEY IN ORDER TO VERIFY THAT THE FINISHED ELEVATIONS ARE IN COMPLIANCE WITH THE APPROVED PLANS. THIS SURVEY SHALL BE PROVIDED TO THE EOR IN ORDER TO COMPLETE THE ASBUILT CERTIFICATIONS.

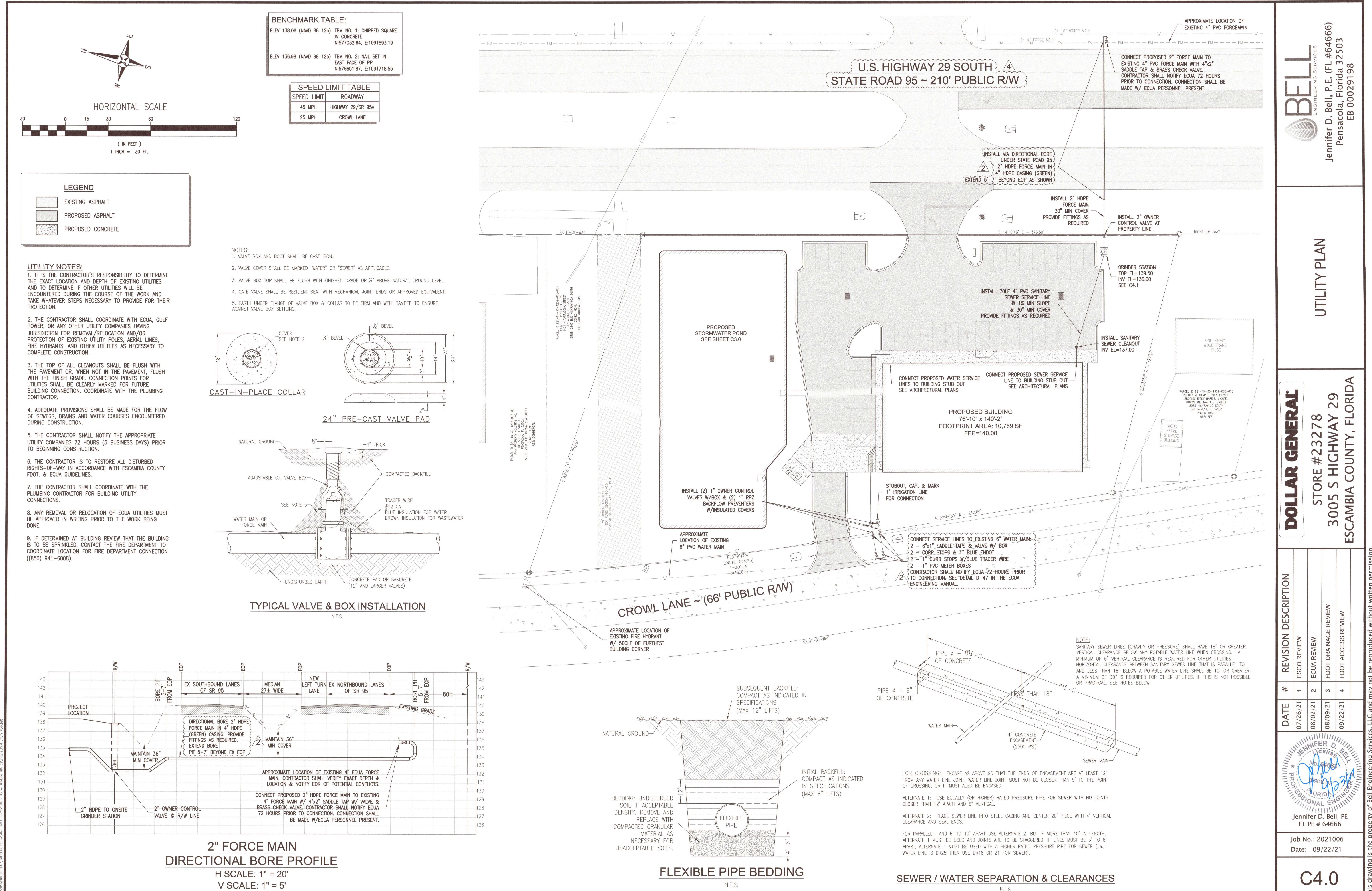
3. THE OPERATION AND MAINTENANCE OF THE FACILITY WILL BE THE RESPONSIBILITY OF THE OWNER, AS IN ACCORDANCE WITH THE APPROVED PERMIT.

4. A COPY OF THE PERMIT SHALL BE KEPT ON SITE.

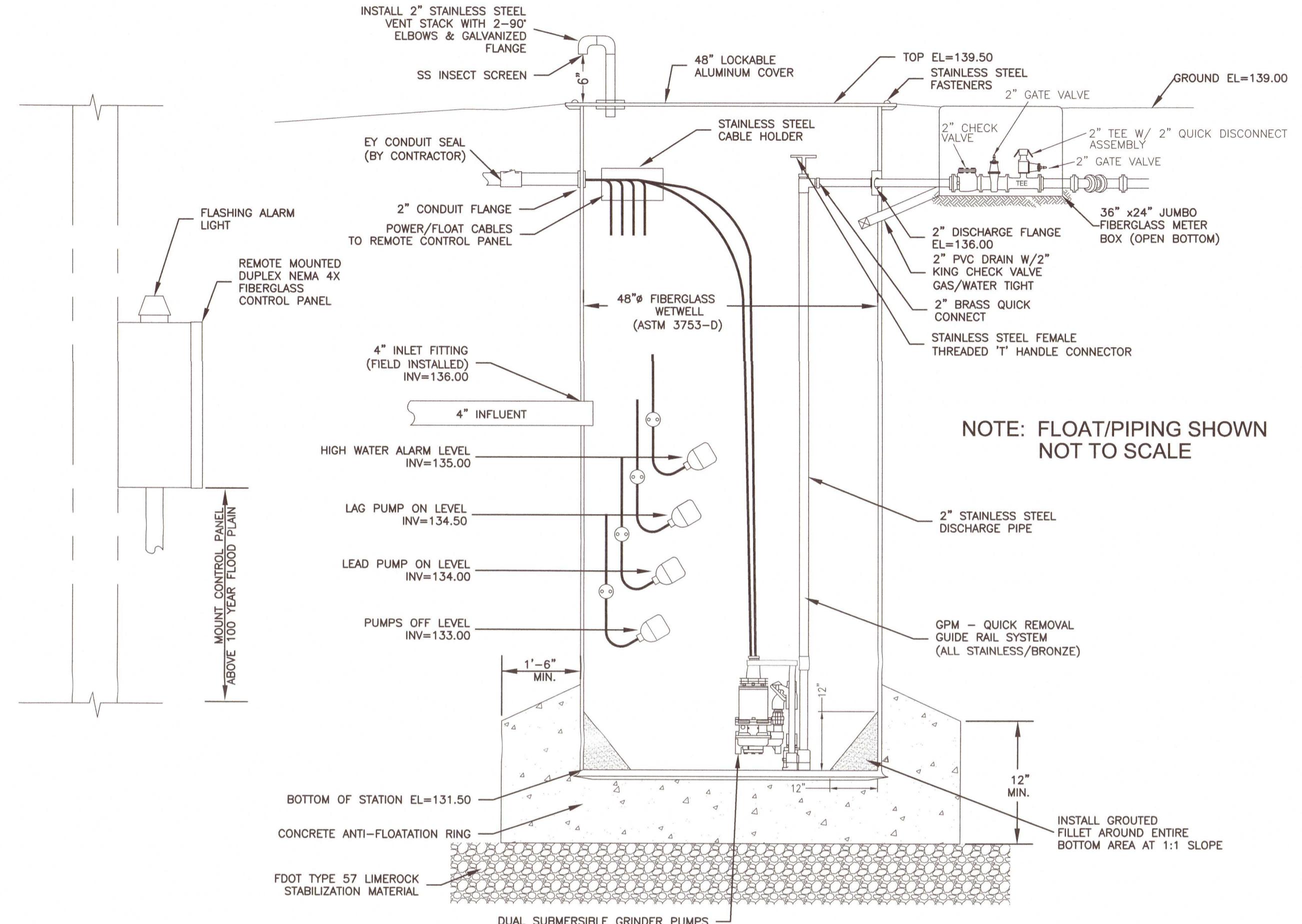
5. THE CONTRACTOR IS REQUIRED TO REVIEW THE COMPLETE PERMIT PRIOR TO CONSTRUCTION COMMENCEMENT.

6. An 8" x 11" weather resistant sign, including the permit number, shall be placed on the property facing the road.





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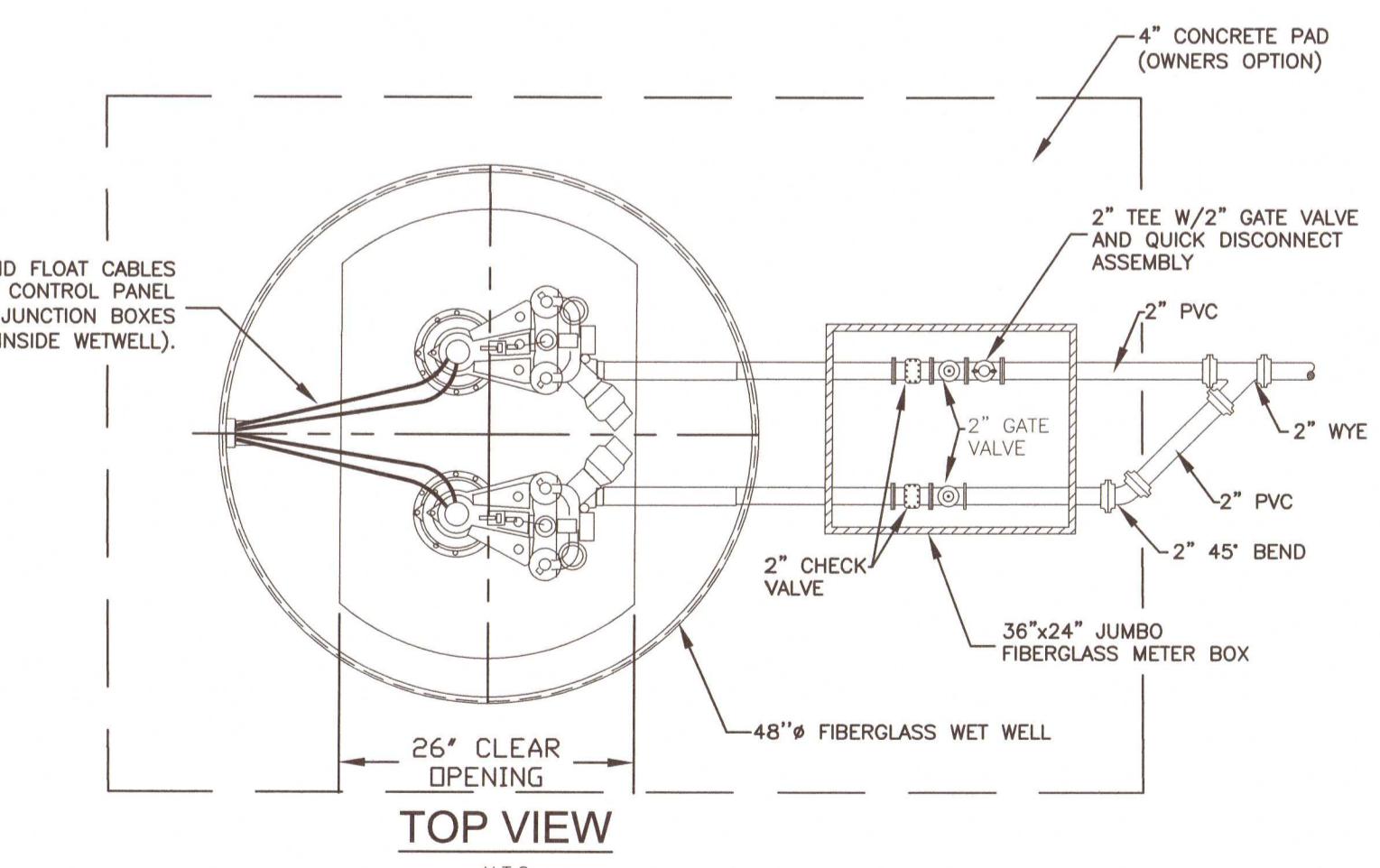


48" DUPLEX GRINDER PUMP PACKAGE W/ REMOTE MOUNTED CONTROL PANEL DETAIL

1

DESIGN DATA	
MANUFACTURER	HYDROMATIC
TYPE PUMP	GRINDER
MODEL NUMBER	HPGH/HPGHH
CAPACITY (GPM-THD)	25 GPM @ 115' TDH
DISCHARGE PIPE SIZE	2"
HP.-RATED RPM	5HP/3450 RPM
VOLT/PHASE	230/1 OR 3

WETWELL DATA	
WET WELL DIAMETER	4'
WET WELL DEPTH	8.00
INFLUENT DIA-EL	4"/136.00
FORCE MAIN DIAMETER-EL	2"/136.00
BOTTOM OF STATION EL	131.50
PUMPS OFF EL	133.00
LEAD PUMP ON EL	134.00
LAG PUMP ON EL	134.50
HIGH WATER ALARM EL	135.00
GROUND EL	139.00
TOP EL	139.50



LIFT STATION AND GENERAL UTILITY NOTES:

1. THE LOCATION OF THE INFLUENT LINES, OVERFLOW CONTROL LINES, WATER SUPPLY, ETC., ARE DRAWN OUT OF ORIENTATION ON SECTIONAL VIEW. SEE PLAN VIEW FOR ORIENTATION.

2. ALL BREAKS IN WET WELL WALL FOR PIPING, ELECTRICAL, ETC. SHALL BE SEALED & SLEEVED AS NOTED.

3. TO PROTECT STANDPIPE FROM SWAY BRACE, EITHER WRAP PIPE WITH RUBBER OR INSERT ALL U-BOLTS THROUGH RUBBER HOSE.

4. PVC FORCE MAIN TO MEET ASTM D-2241, SDR 26 BELL TYPE JOINTS WITH RING TYPE NEOPRENE GASKETS. FORCE MAIN TO BE TESTED TO AWWA PRESSURE TESTING STANDARDS.

5. THE LIFT STATION SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH THE MANUFACTURER TO HAVE A REPRESENTATIVE ONSITE DURING INSTALLATION.

6. THE LIFT STATION SHALL HAVE A LIGHTNING ARRESTER INSTALLED BETWEEN EACH INCOMING POWER PHASE & GROUND.

7. THE LIFT STATION SHALL BE EQUIPPED WITH A RISER, GATE VALVE, QUICK-COUPLING & CAP FOR STANDBY PUMPING CAPABILITIES.

8. ALL ELECTRICAL EQUIPMENT SHALL BE MANUFACTURED & INSTALLED IN ACCORDANCE WITH NEMA REQUIREMENTS & LOCAL LAWS.

9. FLOATS SHALL BE MERCURY FREE.

10. LIFT STATION AND FORCE MAIN TO BE INSTALLED IN ACCORDANCE WITH ALL LOCAL AND STATE PLUMBING CODE BY A LICENSED PLUMBER. ALL WORK IN FDOT RIGHT OF WAY SHALL BE PERFORMED BY A CERTIFIED UNDERGROUND UTILITY CONTRACTOR AND SHALL BE INSTALLED TO LOCAL UTILITY PROVIDER STANDARDS.

11. CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR THE LAYOUT OF THE LIFT STATION, GRAVITY SEWER, AND FORCE MAIN. ANY DEVIATION FROM THE PRESCRIBED ALIGNMENT NECESSARY TO AVOID CONFLICTS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

12. INSTALLATION SHALL BE IN COMPLIANCE WITH THE LATEST EDITION OF THE FLORIDA PLUMBING CODE.

13. PVC FORCE MAIN PIPE SHALL BE DR25 PER AWWA C900 OR SDR26 PER ASTM D2241 AND COLORED GREEN WITH 12 GREEN INSULATED TRACER WIRE, UNLESS OTHERWISE NOTED.

14. FORCE MAIN SHALL BE PRESSURE TESTED TO 100 PSI PRIOR TO CONNECTING TO EXISTING SYSTEM.

15. THE CONTRACTOR WILL USE RESTRAINING DEVICES AT ALL MECHANICAL JOINTS INCLUDING FITTINGS, VALVES OR DEAD ENDS. IN-LINE VALVES SHALL BE RESTRAINED AT THE VALVE BODY ONLY. OTHER FITTINGS OR DEAD ENDS SHALL RECEIVE ADDITIONAL RESTRAINT AT ADJACENT PIPE JOINTS, IN BOTH DIRECTIONS, IN ACCORDANCE WITH THE PIPE JOINT RESTRAINT TABULATION IN THE PLANS. ALL RESTRAINT COST WILL BE INCLUDED IN THE UNIT PRICE PER FOOT OF THE PIPE.

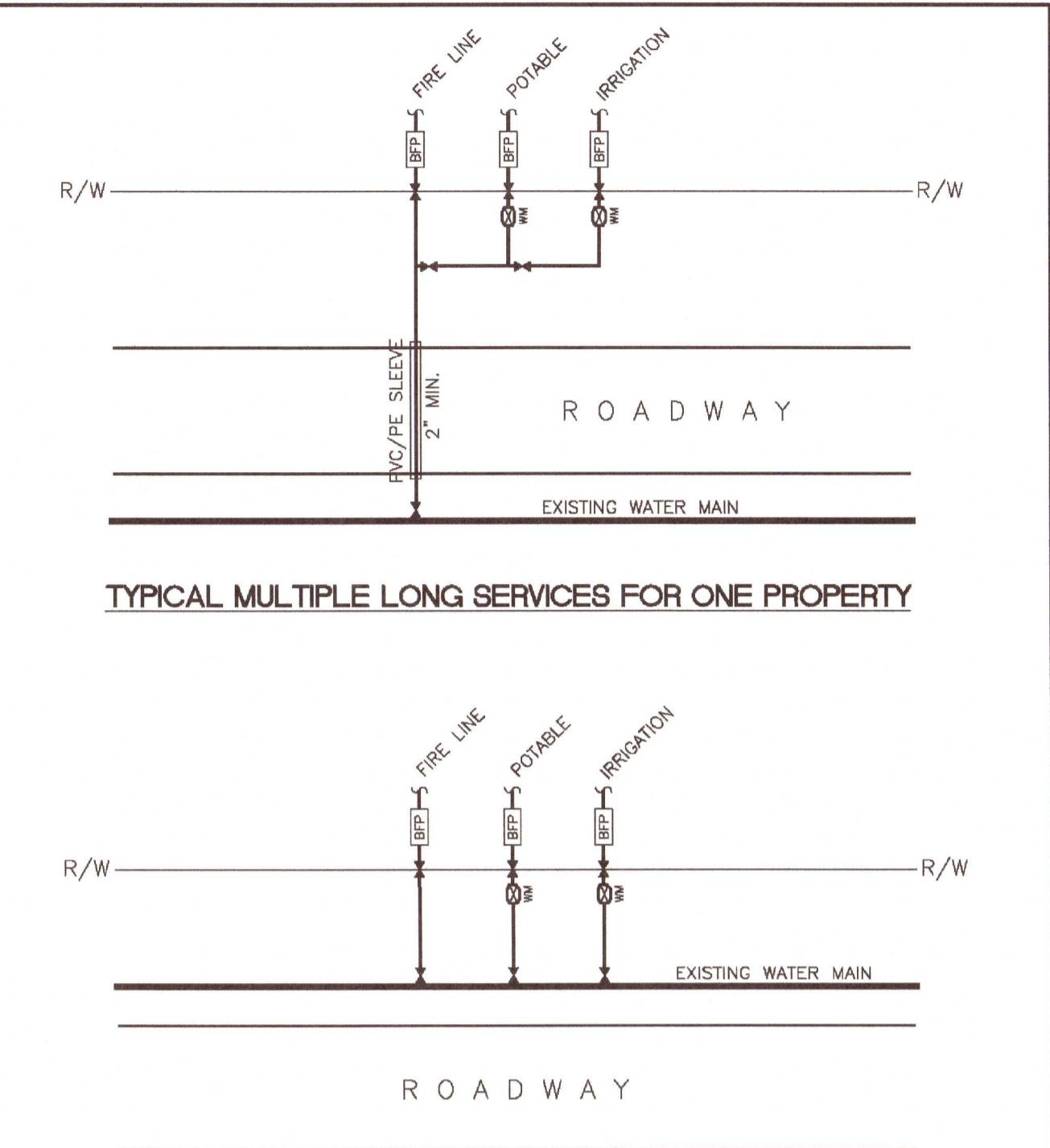
16. A MINIMUM SEPARATION OF 10 FEET HORIZONTALLY OR 18 INCHES VERTICALLY MUST BE MAINTAINED BETWEEN WATER AND SEWER LINES. IF THIS SEPARATION IS NOT POSSIBLE, REFER TO THE SEPARATION/CONFLICT DETAIL.

17. THE UTILITY CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE SAME SCALE AS THESE CONTRACT DRAWINGS, ONE COPY TO THE ENGINEER AND ONE COPY TO THE LOCAL UTILITIES AUTHORITIES. THESE DRAWINGS SHALL LOCATE ALL SEWER APPURTENANCES CONSTRUCTED AS PART OF THIS PROJECT. FINAL "AS-BUILT" DRAWINGS TO BE SUBMITTED TO THE ENGINEER WITHIN 30 DAYS AFTER SUBSTANTIAL COMPLETION OF WORK.

18. CONTRACTOR TO MAINTAIN ACCESS TO ALL PROPERTIES WITHIN PROJECT AREA AT ALL TIMES.

19. CONTRACTOR SHALL LOCATE, PROTECT AND SUPPORT ALL UTILITIES AND SERVICE LATERALS.

20. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH REQUIRED INSPECTIONS BY COUNTY AND/OR



TYPICAL MULTIPLE SHORT SERVICES FOR ONE PROPERTY



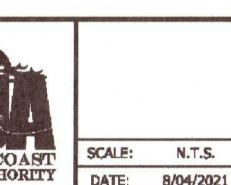
TYPICAL MULTIPLE

-47



SCALE: N.T.

UTILITIES AUTHORITY



1

2" LOW PRESSURE SEWER SERVICE

DETAIL

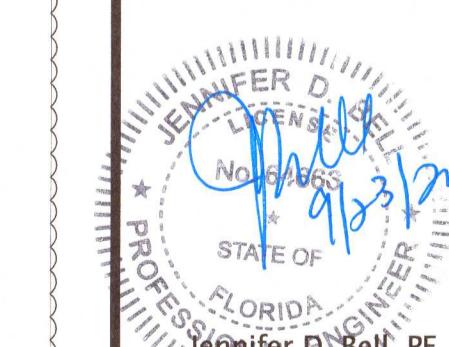
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Date: 09/22/21



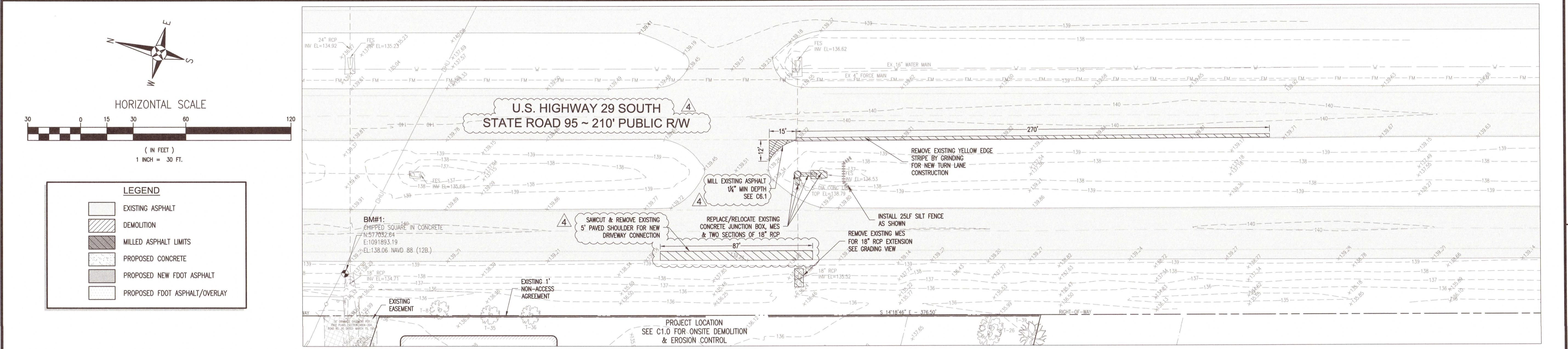
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FDOT IMPROVEMENTS
DEMO PLAN, SITE PLAN, &
GRADING & DRAINAGE PLAN

DOLLAR GENERAL
STORE #23278
3005 S HIGHWAY 29
ESCAMBIA COUNTY, FLORIDA

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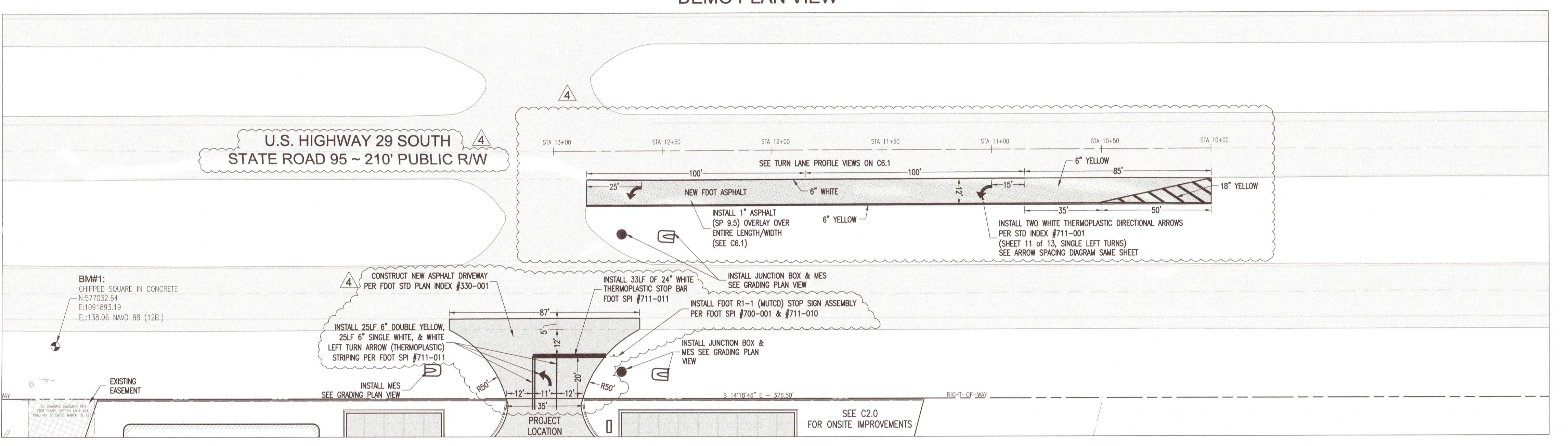


GENERAL NOTES:

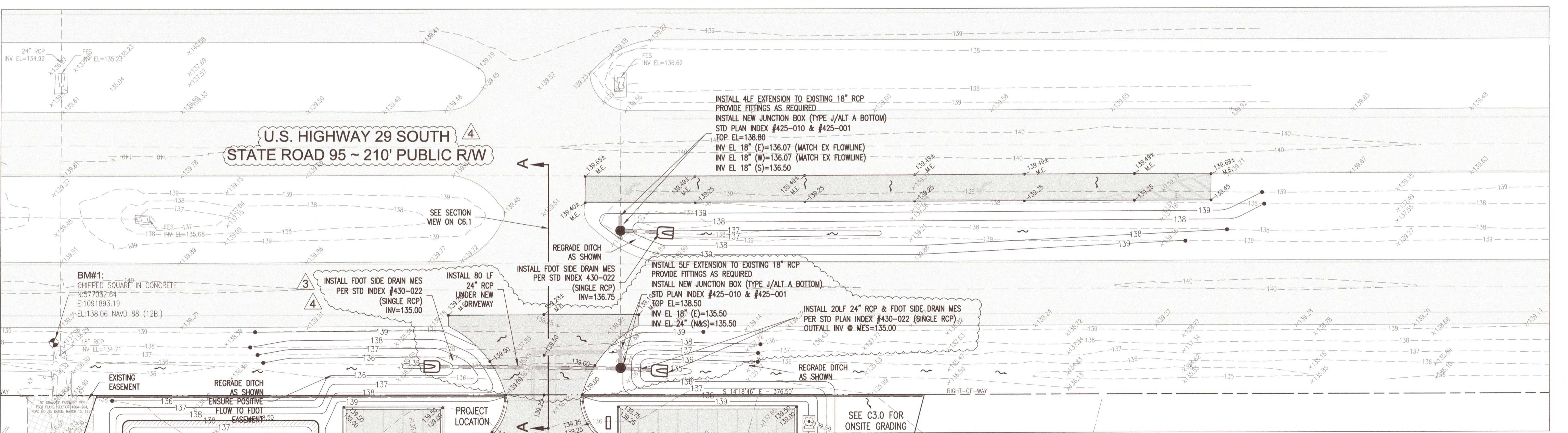
1. THE DEPARTMENT WILL REVIEW ALL LANE/SIDEWALK CLOSURE, DETOUR AND LANE SHIFT REQUESTS SEPARATELY FROM THE PERMIT PROCESS. FDOT APPROVAL IS REQUIRED BEFORE COMMENCEMENT OF WORK INVOLVING THE CLOSURE, DETOUR OR LANE SHIFT FOR WORK ALONG THE STATE HIGHWAY SYSTEM.
2. ALL PAVEMENT MARKINGS AND STRIPING SHALL BE THERMOPLASTIC AND INSTALLED ACCORDING TO FDOT STANDARD PLAN 711-001.
3. ALL WORK IN THE RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH FDOT STANDARD PLANS, THE PLANS PREPARATION MANUAL (PPM), AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
4. ALL DISTURBED AREAS IN THE RIGHT-OF-WAY SHALL BE REGRADED AND SODDED AND/OR SEED AND MULCHED PER FDOT STANDARD PLAN 570-110. SOD AREAS WITHIN 32" OF PAVEMENT & SLOPES GREATER THAN 1:3 PER SPEC 570. OTHER DISTURBED AREAS MAY BE REPAVED BY SEEDING OR HYDRO SEEDING, ALSO INCLUDED IN SPEC 570.
5. ALL NEEDED STRIPING DESTROYED DURING CONSTRUCTION SHALL BE RE-STRIPED ACCORDING TO FDOT STANDARD PLAN 711-001.
6. ALL LANES MUST BE OPEN FOR TRAFFIC DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE LOCAL MAINTENANCE ENGINEER OR HIS DESIGNEE.
7. AT COMPLETION OF CONSTRUCTION, ALL EXPOSED DIRT SHALL BE STABILIZED WITH SOD, A HAY/SEED MIX OR HYDROSEED (BAHIA ONLY IN R/W).
8. ALL NEWLY PLACED SOD ON THE SITE AND IN THE FDOT R/W SHALL BE WATERED REGULARLY UNTIL GRASS IS ESTABLISHED.
9. A SEPARATE SIGN PERMIT IS REQUIRED FOR ALL SIGNAGE.
10. ALL SITE FENCING SHALL BE INSTALLED FINISHED SIDE OUT TO CONFORM TO ESCAMBIA COUNTY FENCE INSTALLATION REQUIREMENTS.
11. NO WORK SHALL BE PERFORMED IN THE R/W UNTIL THE PROPER MAINTENANCE OF TRAFFIC IS IN PLACE ACCORDING TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, INDEX SERIES 600.
12. ALL MECHANICAL AND UTILITY EQUIPMENT MUST BE EFFECTIVELY SCREENED FROM ANY PUBLIC WAY.
13. ALL SIGNS SHALL BE INSTALLED PER FDOT STANDARD PLAN INDEX 700-010.
14. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAVED BY THE DEVELOPER PRIOR TO FINAL "ASBUILT" SIGN OFF FROM THE COUNTY.
15. THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE R/W.

SPEED LIMIT TABLE	
SPEED LIMIT	ROADWAY
45 MPH	HIGHWAY 29/SR 95A
25 MPH	CROWN LANE

BENCHMARK TABLE:	
ELEV 138.06 (NAVD 88 12b)	TBM NO. 1: CHIPPED SQUARE IN CONCRETE N:577032.64, E:1091893.19
ELEV 136.98 (NAVD 88 12b)	TBM NO. 2: NAIL SET IN EAST FACE OF PP N:576651.87, E:1091718.55

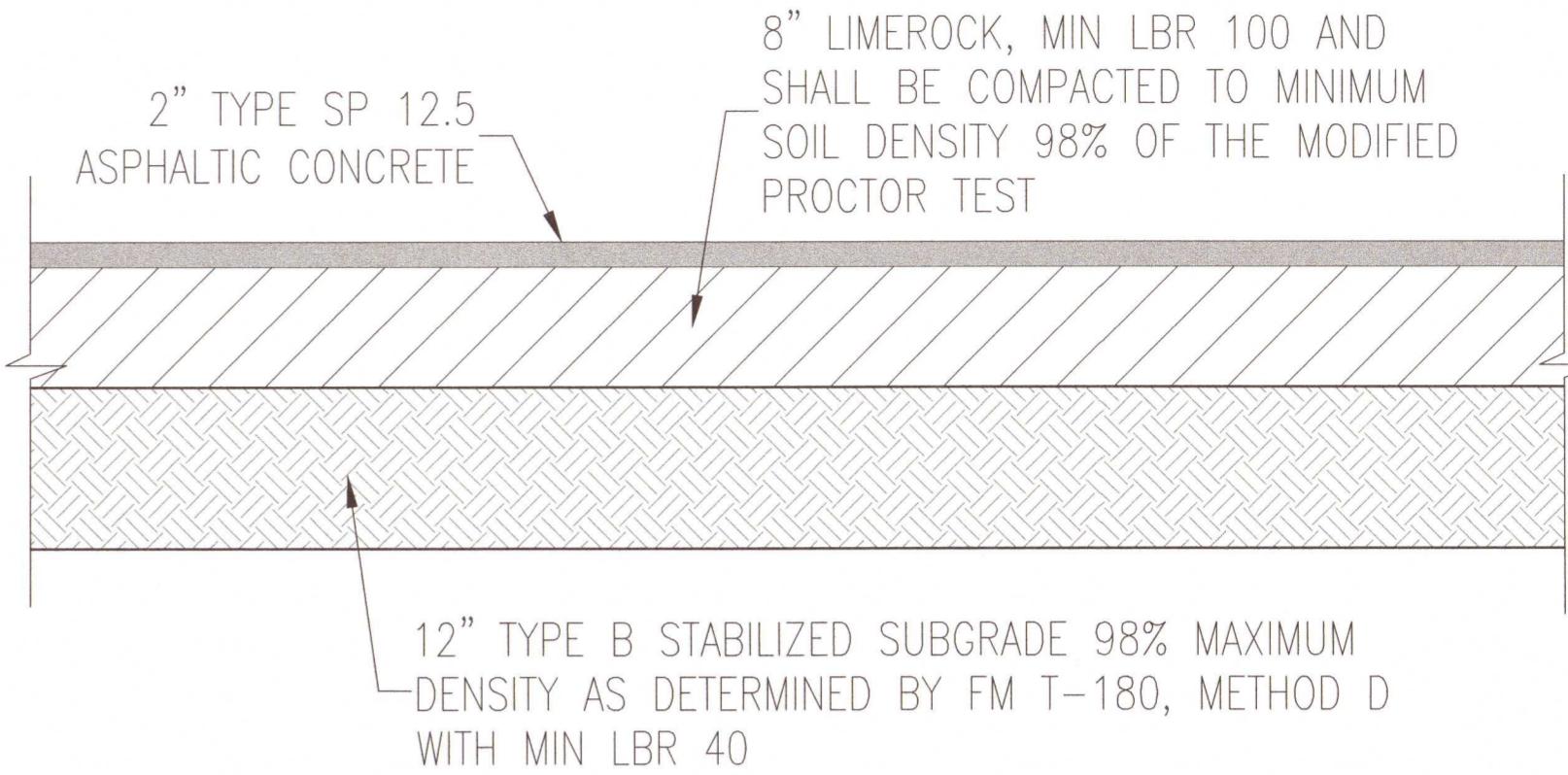
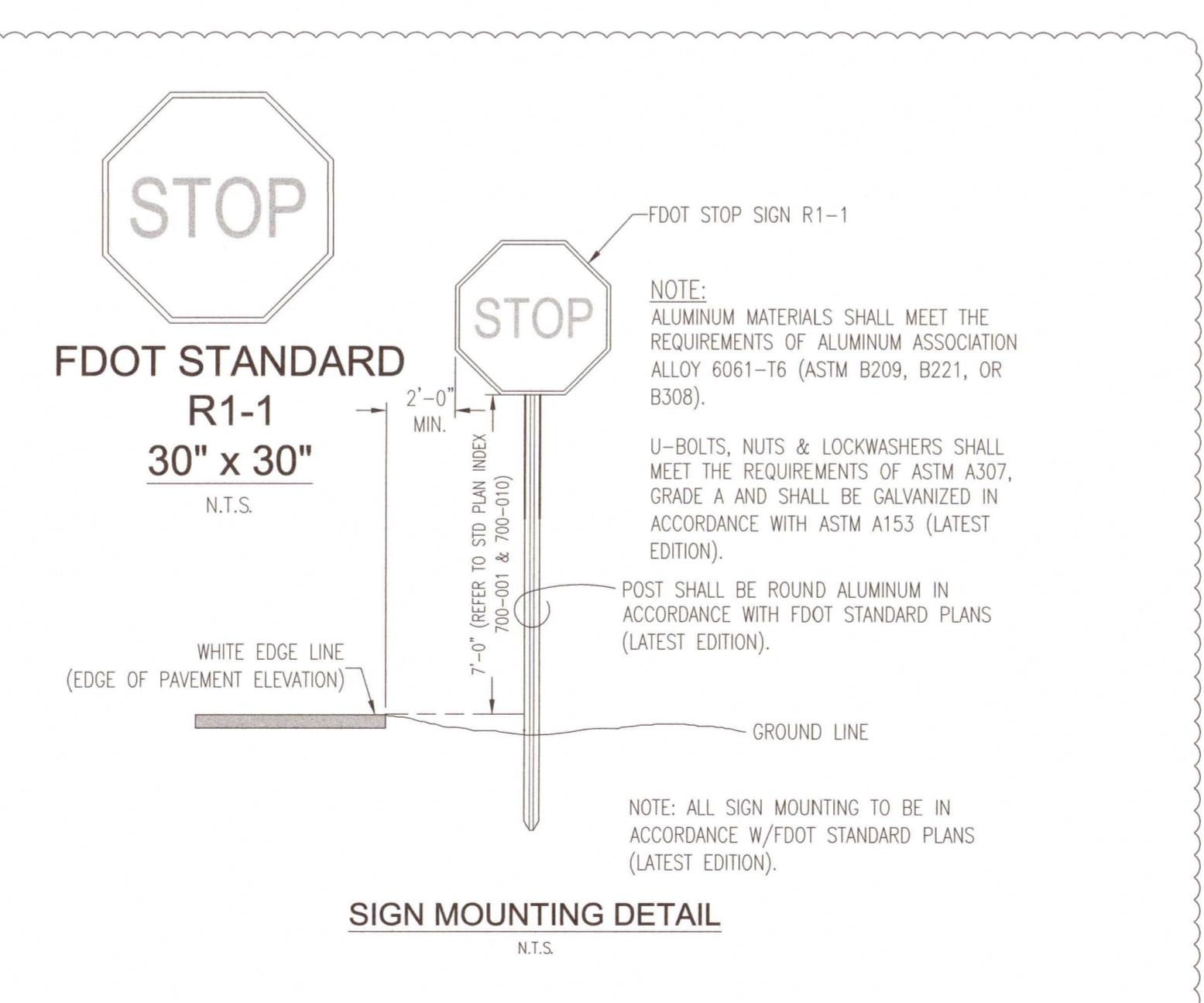
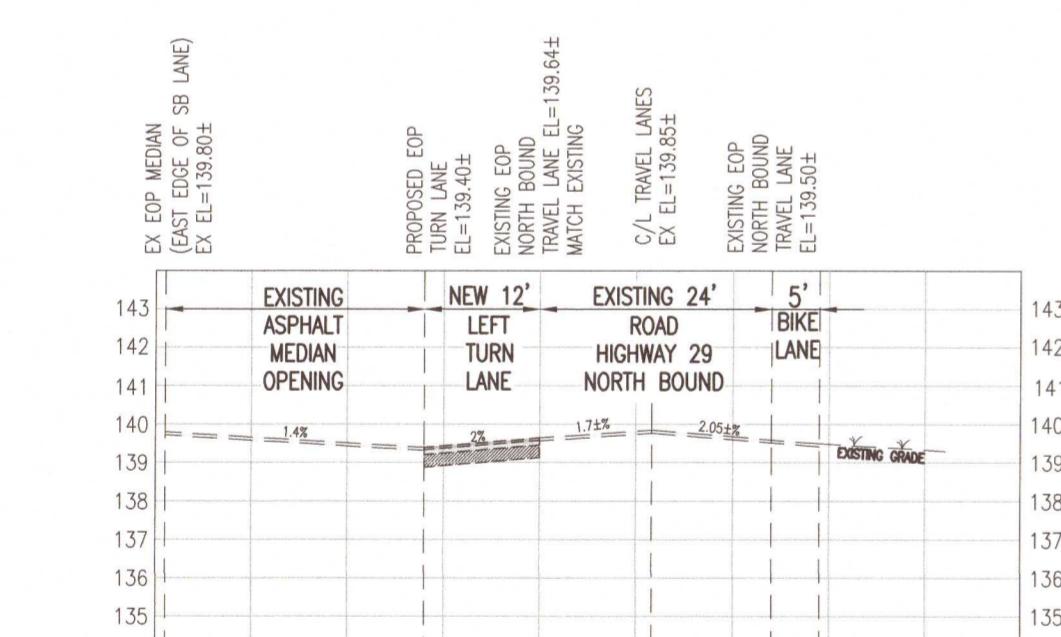
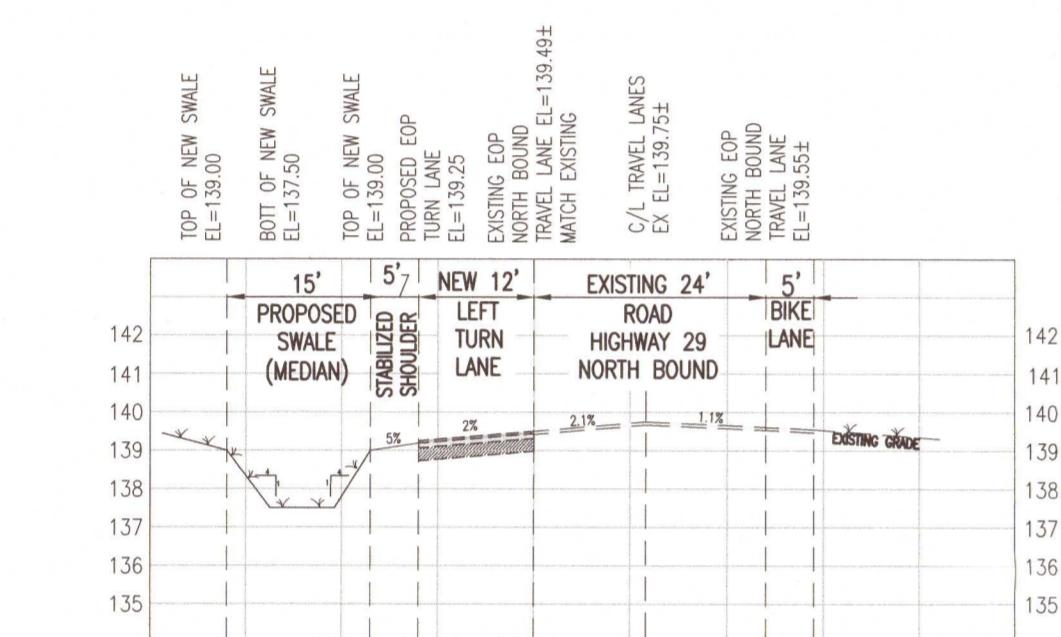
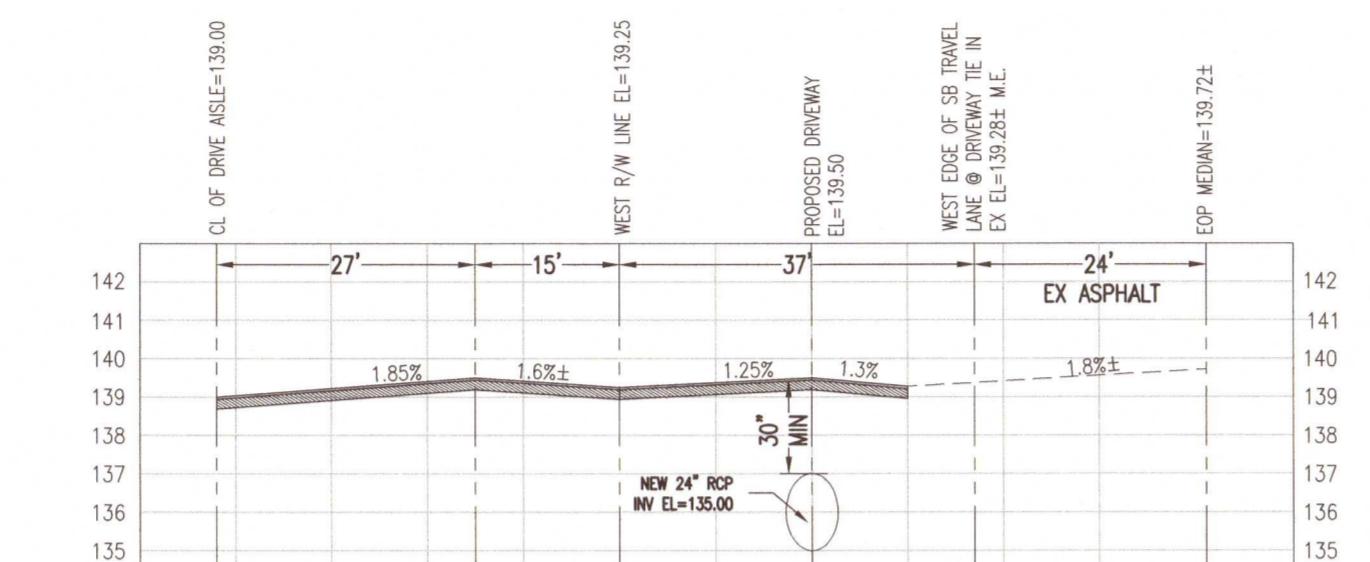
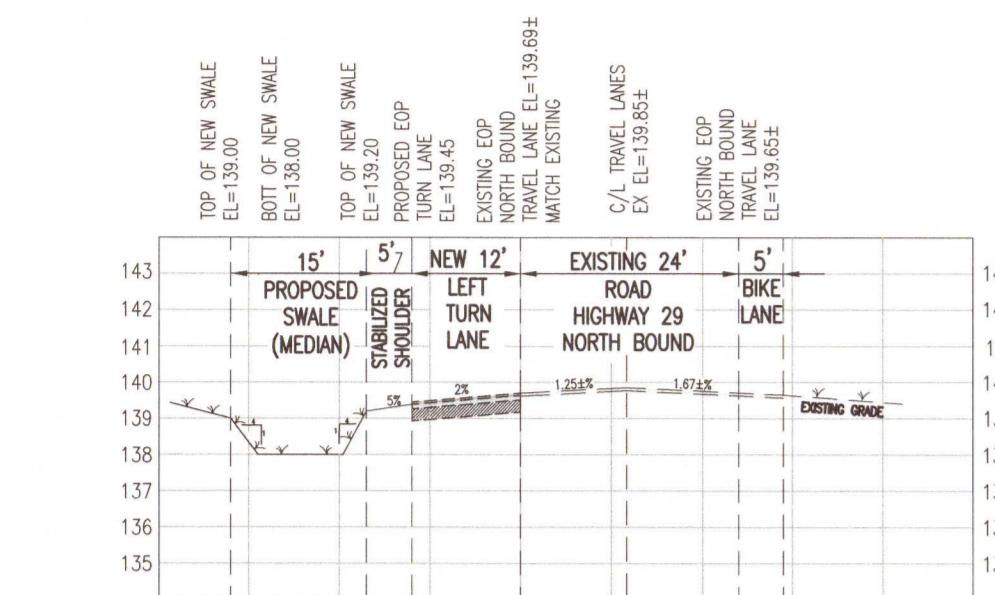


SITE PLAN VIEW



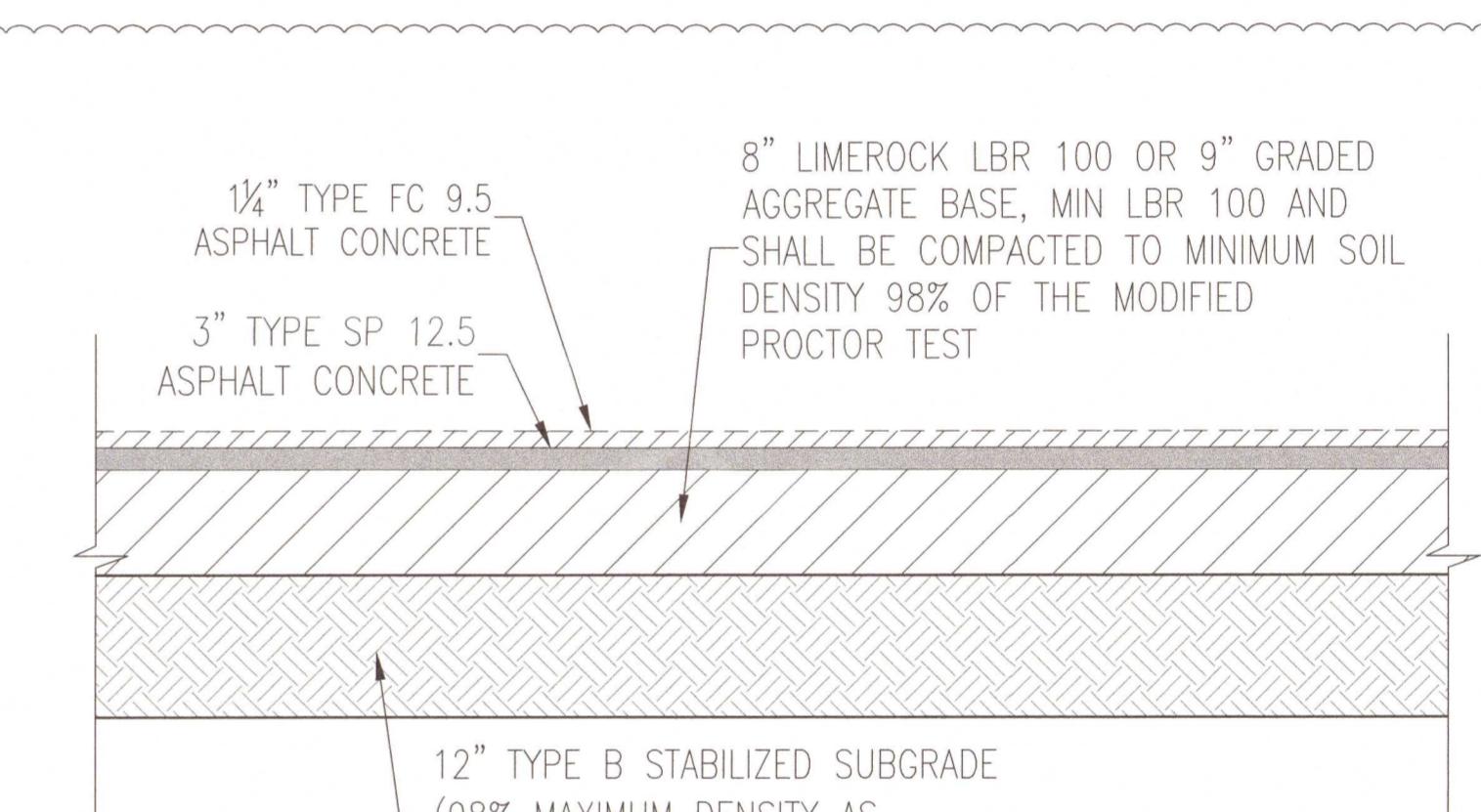
GRADING & DRAINAGE VIEW

C6.0



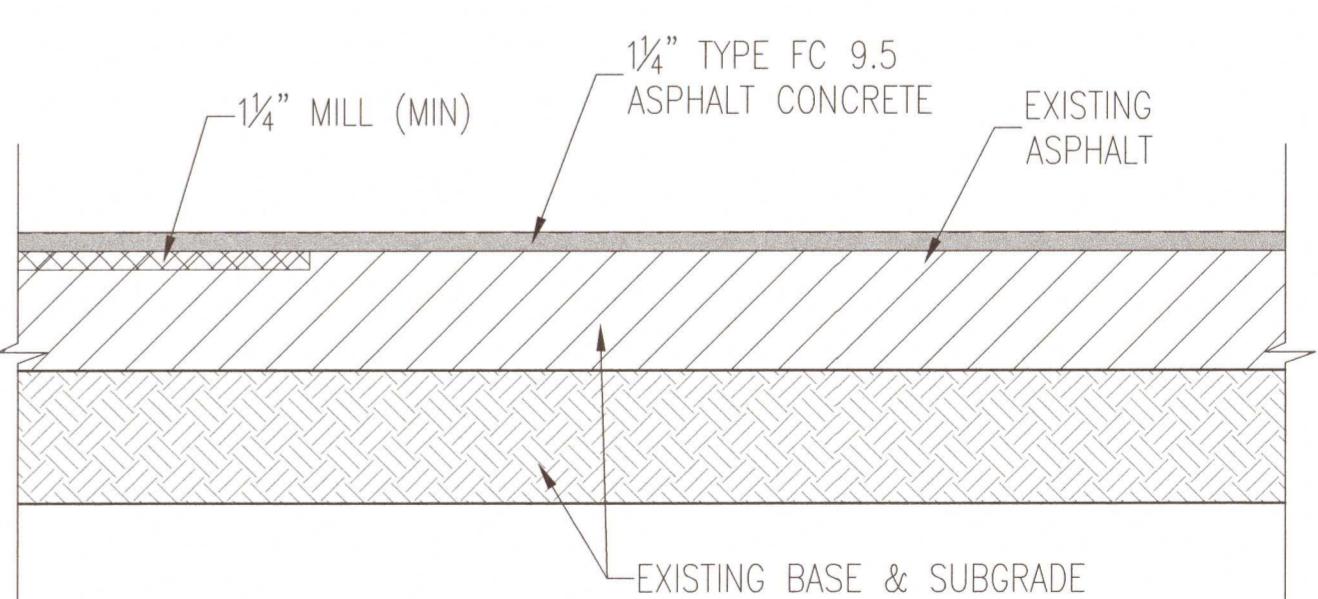
FDOT ASPHALT DRIVEWAY PAVEMENT DETAIL

N.T.S.



FDOT ASPHALT TURN LANE PAVEMENT DETAIL

N.T.S.



FDOT MILL & OVERLAY DETAIL

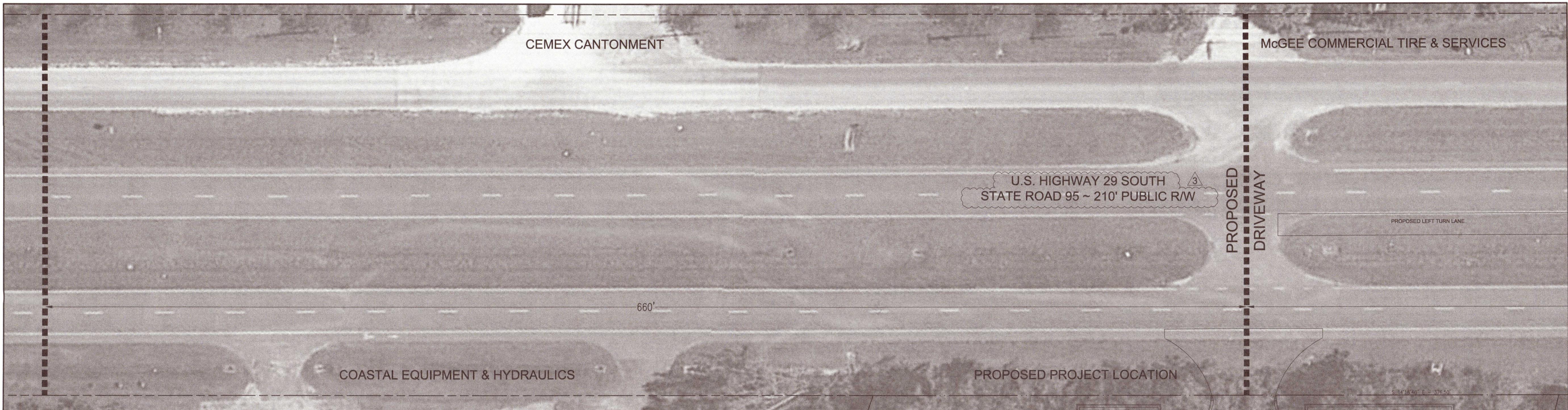
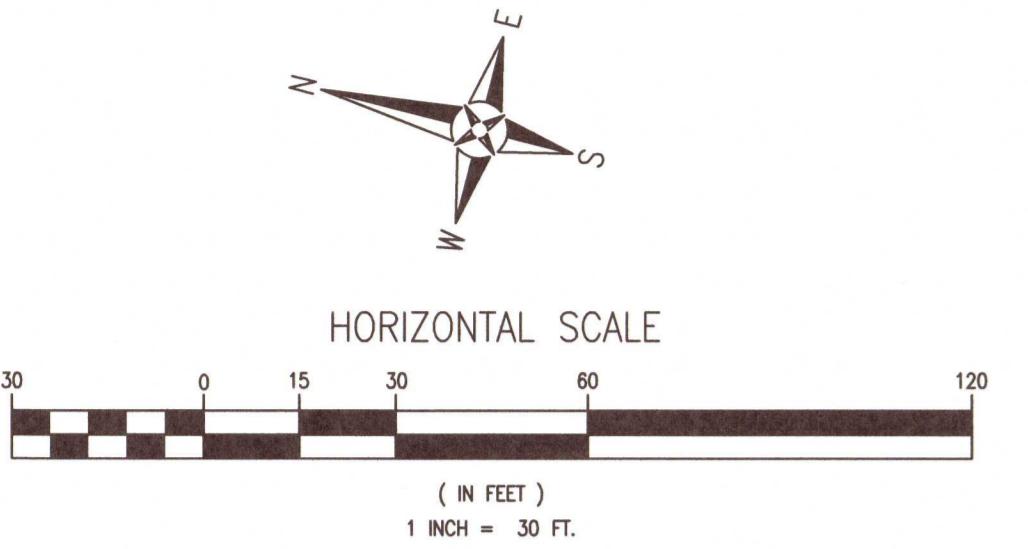
N.T.S.

DOLLAR GENERAL			
STORE #23278			
3005 S HIGHWAY 29			
ESCAMBIA COUNTY, FLORIDA			

BELL
ENGINEERING SERVICES
Jennifer D. Bell, P.E. (FL #64666)
Pensacola, Florida 32503
EB 00029198

DATE	#	REVISION DESCRIPTION	
07/26/21	1	ESCO REVIEW	
08/02/21	2	ECUA REVIEW	
08/09/21	3	FDOT DRAINAGE REVIEW	
09/22/21	4	FDOT ACCESS REVIEW	

C6.1



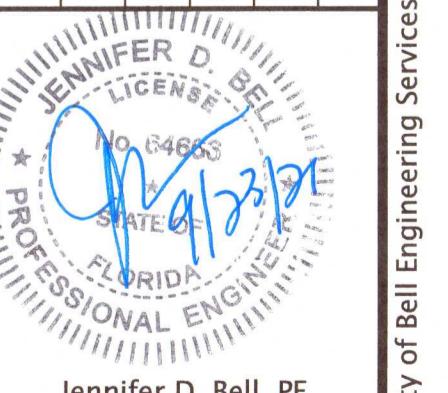
FDOT SIGHT DISTANCE @ PROPOSED DRIVEWAY
& SR 95 (HIGHWAY 29 SOUTH)
DESIGN SPEED 45MPH

DOLLAR GENERAL

STORE #23278
3005 S HIGHWAY 29
ESCAMBIA COUNTY, FLORIDA

REVISION DESCRIPTION

DATE	#	REVISION DESCRIPTION
07/26/21	1	ESCO REVIEW
08/02/21	2	ECUA REVIEW
08/05/21	3	FDOT DRAINAGE REVIEW
09/22/21	4	FDOT ACCESS REVIEW



Job No.: 2021006
Date: 09/22/21

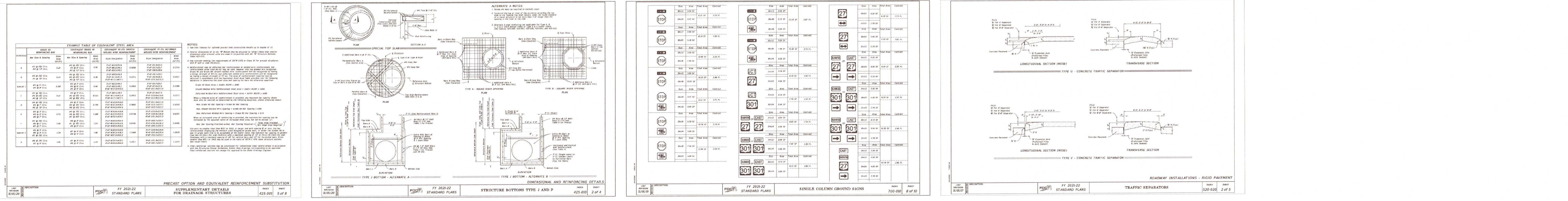
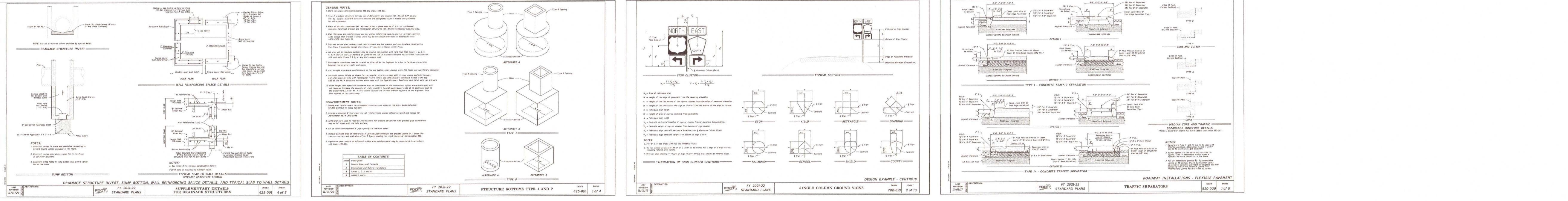
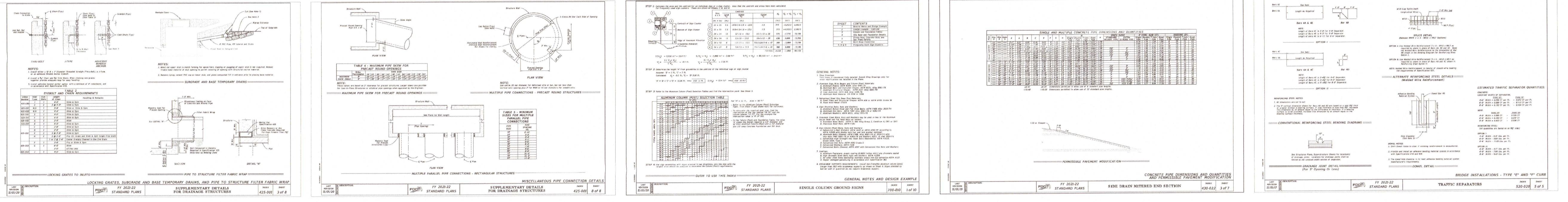
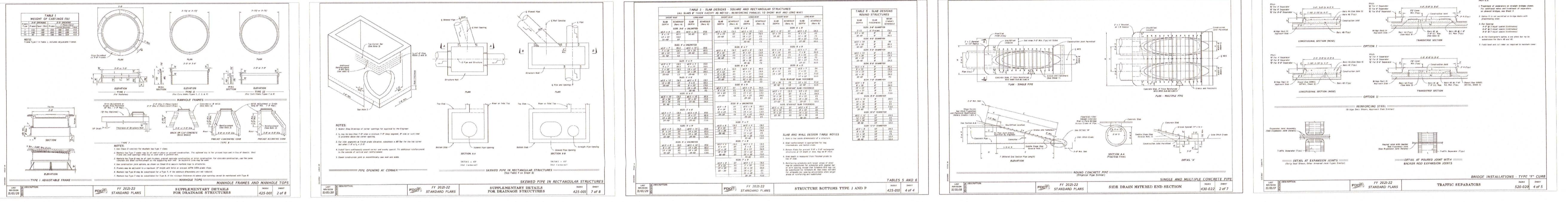
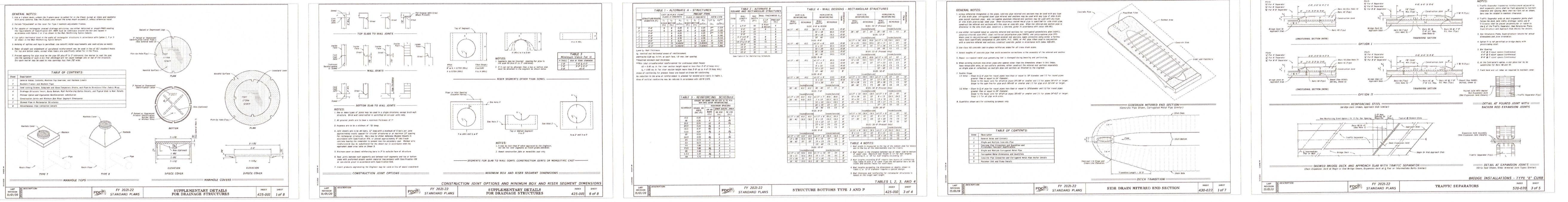
C6.2

FY 2021-22 STANDARD PLANS

DOLLAR GENERAL STORE #23278 3005 S HIGHWAY 29 ESCAMBIA COUNTY, FLORIDA

DATE	#	REVISION DESCRIPTION
07/26/21	1	ESO REVIEW
08/02/21	2	ECU REVIEW
08/09/21	3	FOOTDRRAINAGE REVIEW
09/22/21	4	FDOT ACCESS REVIEW
		Jennifer D. Bell, PE FL PE # 64666
		Job No.: 2021006 Date: 09/22/21
		C6.3

FY 2021-22
STANDARD PLANS



DOLLAR GENERAL®
STORE #23278
3005 S HIGHWAY 29
ESCAMBIA COUNTY, FLORIDA

DATE	#	REVISION DESCRIPTION
07/26/21	1	ESCREVIEW
08/02/21	2	ECUA REVIEW
08/09/21	3	FDOT DRAINAGE REVIEW
09/22/21	4	FDOT ACCESS REVIEW

Jennifer D. Bell, PE

FL PE # 64666

Job No.: 2021006

Date: 09/22/21

C6.4