

CONSTRUCTION PLANS FOR THE LIFT STATION 107 (CHARBAR) REPLACEMENT AND SEWER REHABILITATION FOR THE EMERALD COAST UTILITIES AUTHORITY

• ECUA Engineering Manual Incorporated by Reference

The ECUA Engineering Manual, dated 9/1/16, along with update(s) numbered ONE (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.

• Additional Documents (to be completed by the Engineer of Record)

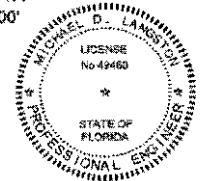
Does this Project have additional technical specifications or construction details that supplement and/or supersede the Manual listed above? YES NO. If yes, Contractor shall construct Project in accordance with said documents as listed and located below:

TECHNICAL SPECIFICATIONS (20 SECTIONS) LOCATED IN THE PROJECT MANUAL
SEE SPECIFICATION TABLE OF CONTENTS.

Engineer of Record Responsibilities

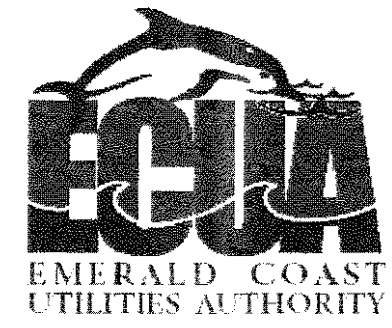
The Engineers of Record (EORs) that have affixed their seals and signatures on these plans warrant their portions of the plans have been designed in accordance with the Manual (unless otherwise directed by the ECUA Project Engineer). The EORs shall be knowledgeable of the Manual's contents and shall assume responsibility for its use on this Project.

Michael D Langston
Digitally signed by Michael D Langston
Date: 2021.04.01 08:34:29 -05'00'



EMERALD COAST UTILITIES AUTHORITY

- DISTRICT 1 - VICKI CAMPBELL
- DISTRICT 2 - LOIS BENSON
CHAIRMAN
- DISTRICT 3 - LARRY WILLIAMS



- DISTRICT 4 - DALE PERKINS
- DISTRICT 5 - KEVIN STEPHENS
VICE-CHAIRMAN

J. BRUCE WOODY P.E.
EXECUTIVE DIRECTOR
9255 STURDEVANT STREET, PENSACOLA, FLORIDA 32514

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED BY MICHAEL D. LANGSTON ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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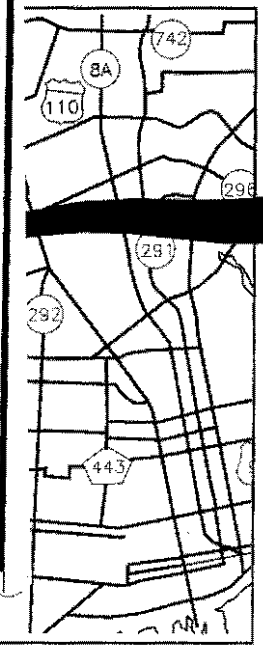
DRC SUBMITTAL

Approved
ESCAMBIA COUNTY DRC PLAN REVIEW

DRC Chairman Signature: *[Signature]*
Development Services Director or Designee: *[Signature]*

Printed Name: *[Signature]*
Date: 4-7-21

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.



PROJECT LOCATION
5086 MOBILE HWY.

BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
ENGINEERING BUSINESS NO. EB-0000340
449 WEST MAIN STREET
PENSACOLA, FL 32502
(850)438-9661

ECUA PROJECT NO. RS121S
ECUA BID NO. CC2020-??
B.D.I. PROJECT NO. 27947.03
MARCH 2021

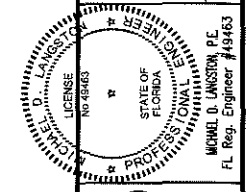


GENERAL NOTES:

1. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING.
2. B.M. DATUM IS 1929 NGVD.
3. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE EXACT LOCATIONS AND DEPTHS OF ALL UTILITIES INCLUDING, BUT NOT LIMITED TO, WATER LINES, BURIED TELEPHONE LINES, BURIED ELECTRICAL LINES AND GAS MAINS PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR IS TO COORDINATE WITH UTILITY COMPANIES FOR REMOVAL AND/OR RELOCATION OF EXISTING UTILITY POLES, AERIAL LINES, BURIED CABLE AND OTHER UTILITIES.
4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS BETWEEN CONTRACT DOCUMENTS AND EXISTING CONDITIONS. THESE DRAWINGS REPRESENT KNOWN STRUCTURES AND UTILITIES LOCATED IN THE PROJECT AREA. THE CONTRACTOR IS CAUTIONED THAT OTHER STRUCTURES AND UTILITIES, ABOVE OR BELOW GROUND, MAY BE ENCOUNTERED DURING THE COURSE OF THE PROJECT. THE CONTRACTOR SHOULD NOTIFY THE UTILITY, THEN THE ENGINEER, IMMEDIATELY UPON ENCOUNTERING ANY UNEXPECTED STRUCTURE, UTILITY LINE, OR OTHER UNUSUAL CONDITION. EXISTING CONDITIONS ARE BASED ON SURVEYS BY BASKERVILLE-DONOVAN, INC.
5. CONTRACTOR SHALL SAFETY-BARRICADE ALL EXCAVATIONS AND OTHER HAZARDS.
6. CONTRACTOR SHALL PROVIDE ACCESS TO PROPERTIES ADJACENT TO THE CONSTRUCTION AREAS. ADEQUATE BARRICADES, CONSTRUCTION SIGNAGE AND OTHER TRAFFIC CONTROL DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH FDOT CONSTRUCTION STANDARDS.
7. THE CONTRACTOR SHALL EMPLOY THE USE OF SILT FENCES, HAY BALES, DITCHES OR WHATEVER MEANS NECESSARY TO CONTROL EROSION AND SEDIMENTATION AT ALL TIMES. WATERS OF THE STATE, ADJACENT PROPERTIES, AND ANY NEW DRAINAGE CONSTRUCTION SHALL BE PROTECTED DURING THE CONSTRUCTION PERIOD. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND SHALL REMAIN UNTIL THE COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY THE OWNER.
8. ADEQUATE PROVISIONS SHALL BE MADE FOR THE FLOW OF SEWERS, DRAINS, WATER COURSES AND OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION.
9. ALL PAVEMENT CUTS SHALL BE SAW CUT.
10. ALL TREES IN THE PROJECT AREA ARE TO REMAIN UNDAMAGED UNLESS NOTED FOR REMOVAL OR APPROVED BY THE ENGINEER.
11. THE CONTRACTOR IS TO REPLACE TO EXISTING CONDITIONS OR BETTER ANY FENCES, SPRINKLER SYSTEMS, TREES AND SHRUBS, MAINTAINED FLOWER BEDS, OR OTHER EXISTING IMPROVEMENTS IMPACTED DURING CONSTRUCTION, WHETHER DEPICTED IN THE PLANS OR NOT.
12. ALL NEW CONCRETE FOR SITE WORK SHALL ACHIEVE A 28 DAY STRENGTH OF 3000 PSI (MIN.), UNLESS OTHERWISE SPECIFIED.

ESCAMBIA COUNTY NOTES:

1. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION, 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.
2. THE DEVELOPER/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 CONTROL MEASURE MAY RESULT IN CODE ENFORCEMENT VIOLATION.
3. ALL DISTURBED AREAS WITHIN STATE OR COUNTY RIGHT-OF-WAY WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD. SEEDED AREAS SHALL INCLUDE A BAHIA MIX TO ENSURE CONTINUED GROWTH AFTER WINTER MONTHS. SEED IN ACCORDANCE WITH FDOT SECTION 570 AND STANDARD INDEX 105.
4. 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.
5. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3472. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
6. NOTIFY THE ENVIRONMENTAL SENSITIVE LAND AND ACCESS MANAGEMENT STAFF AND SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W; 1-800-432-4770.
7. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO REQUESTING A FINAL INSPECTION.
8. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN COUNTY ACCEPTANCE OF IMPROVEMENTS.
9. DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN-OFF FROM THE COUNTY.
10. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A UTILITY PERMIT FROM THE COUNTY ROAD AND BRIDGE DEPARTMENT PRIOR TO COMMENCING ANY WORK IN THE RIGHT OF WAY.
11. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN OFF FROM THE COUNTY.



BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
 449 W. MAIN ST., PENSACOLA, FL 32502 (850) 438-0861
 ENGINEERING BUSINESS: EB-0000340
 Pensacola - Panama City Beach - Tallahassee - Mobile
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ECUA
LIFT STATION 107(CHARRAR)
REPLACEMENT AND
SEWER REHABILITATION
 ESCAMBIA COUNTY, FLORIDA

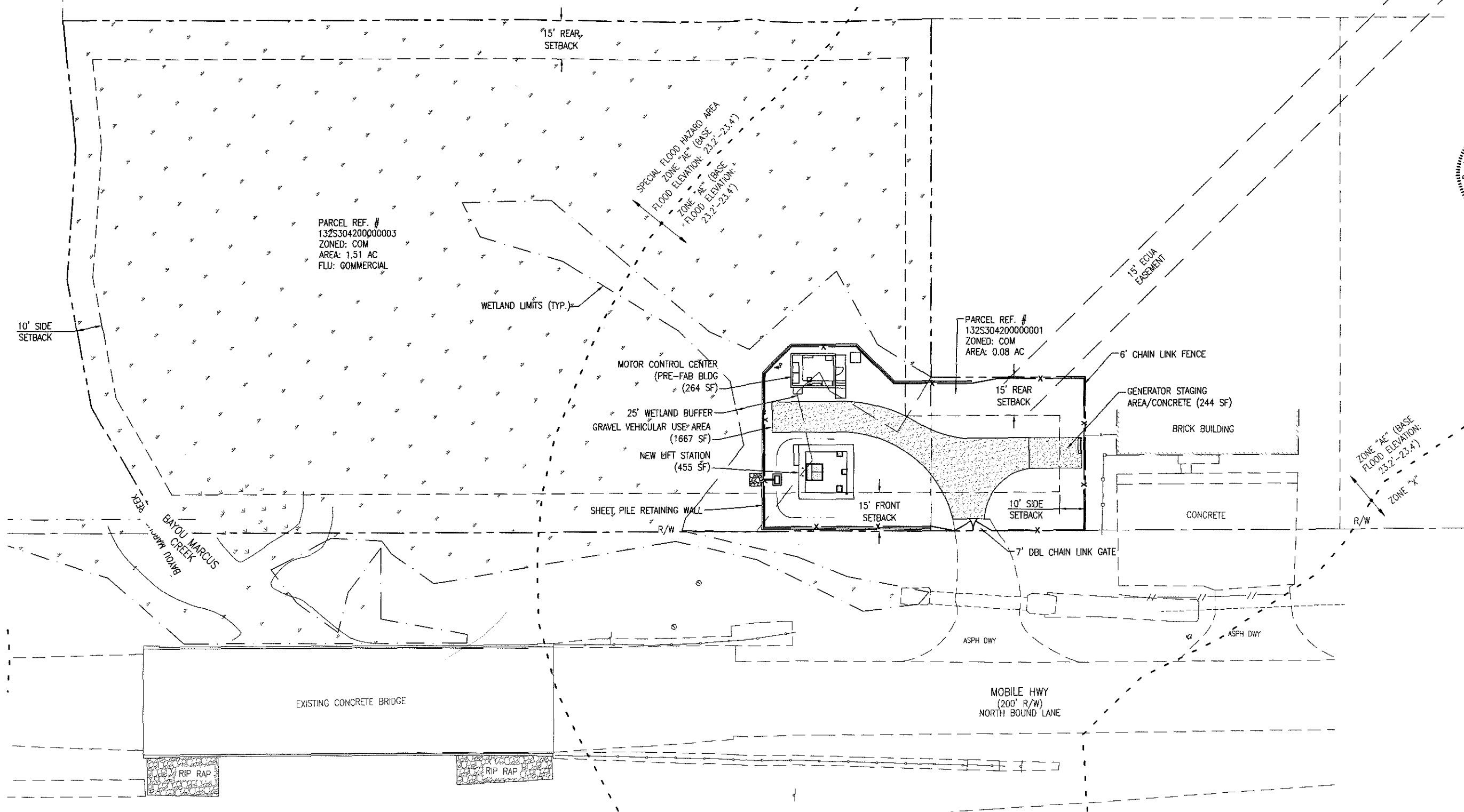
PROJECT NO.	NO.	DATE	APPR.	REVISION/ACTION TAKEN
27947.03				
DESIGNED BY:				
DRAWN BY:				
CHK'D BY:				
PROJ. MGR.: RMD				
DATE: FEB 2021				

GENERAL NOTES

G-001

ALL WORK TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT MANUAL, THIS DOCUMENT & THE CURRENT EDITION OF E.C.U.A.'S ENGINEERING MANUAL

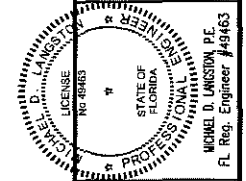
NOTE: THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE AE, BASE FLOOD ELEVATION 23.4 (AREAS SUBJECT TO INUNDATION BY THE 1-PERCENT-ANNUAL-CHANGE FLOOD EVENT DETERMINED BY DETAILED METHODS. BFEs ARE SHOWN WITHIN THESE ZONES), AND FLOOD ZONE X, AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080. FIRM MAP PANEL NUMBER 12033C0360G, MAP REVISION DATED SEPTEMBER 29, 2006.



PARCEL REF. #
132S30420000003
ZONED: COM
AREA: 1.51 AC
FLU: COMMERCIAL

PARCEL REF. #
132S30420000001
ZONED: COM
AREA: 0.08 AC

A1 OVERALL PLAN
SCALE: 1" = 20' 0 10' 20' 40'



BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
449 W. MAIN ST., PENSACOLA, FL 32502 (850) 439-9881
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ECUA
LIFT STATION 107(CHARBAR)
REPLACEMENT AND
SEWER REHABILITATION
ESCAMBIA COUNTY, FLORIDA

PROJECT NO:	NO.	DATE	APPR.	REVISION/ACTION TAKEN
27947.03				
DESIGNED BY: MDL				
DRAWN BY: RCG				
CHECKED BY: RWD				
PROJ. MGR: RWD				
DATE: FEB 2021				

OVERALL PLAN
C-100

SITE DATA:

1 TAX APPRAISER'S PROPERTY REFERENCE NUMBERS:
 12-25-30-4200-0000-03
 EMERALD COAST UTILITIES AUTHORITY
 PO BOX 17089, PENSACOLA, FL 32522
 TOTAL PROPERTY ACREAGE: 1.51
 ZONING DISTRICT: COM
 FUTURE LAND USE: COMMERCIAL
 UPLANDS: .18 AC
 WETLANDS: 1.33 AC
 PROPOSED IMPACTS TO WETLANDS: 0.00 ACRES

2 13-2S-30-4200-0000-01
 EMERALD COAST UTILITIES AUTHORITY
 PO BOX 17089, PENSACOLA, FL 32522
 TOTAL PROPERTY ACREAGE: 0.18
 ZONED DISTRICT: COM
 FUTURE LAND USE: COMMERCIAL
 NO WETLANDS

ADJACENT PARCEL DATA:

3 13-2S-30-4200-0000-07
 KAUFMANN, SCOTT M
 7512 LAKESIDE DR, MILTON, FL 32583
 ZONED: MDR
 4 13-2S-30-4200-0030-02
 LEITCH, BENJAMIN & BOLTON, BRITANNY
 10018 CASTLEBERRY BLVD, PENSACOLA, FL 32526
 ZONED: COMM

SETBACK SUMMARY:

FRONT YARD = 15'
 REAR YARD = 15'
 SIDE YARD = 10'
 WETLAND BUFFER = 25'

BUILDING INFORMATION:

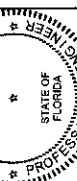
BUILDING HEIGHT:
 TOTAL ROOMS:
 GROSS FLOOR AREA: 265 SF
 TOTAL SITE AREA: 73,616 SF OR 1.69 AC.
 TOTAL DISTURBED AREA: 8134 SF OR 0.18 AC
 IMPERVIOUS AREA EXISTING: 1012 SF
 IMPERVIOUS AREA PROPOSED: 1987 SF
 NET INCREASE IMPERVIOUS AREA: 975 SF

WETLAND NOTES AND IDENTIFICATION:

ALL WETLANDS LOCATED IN THIS PLAN SET AND ASSOCIATED WITH THIS PROJECT ARE USACE/FDEP JURISDICTIONAL WETLANDS AND WERE DELINEATED BY WETLAND SCIENCE'S, MARCH 2020
 ACOE WETLANDS = 1.16 AC
 ACOE WETLAND IMPACTS = 0 AC
 ACFDEP WETLANDS = 1.16 AC
 FDEP WETLAND IMPACTS = 0 AC

ALL WORK TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT MANUAL, THIS DOCUMENT & THE CURRENT EDITION OF E.C.U.A.'S ENGINEERING MANUAL

BASKERVILLE-DONOVAN, INC.
 ENGINEERING THE SOUTH SINCE 1927

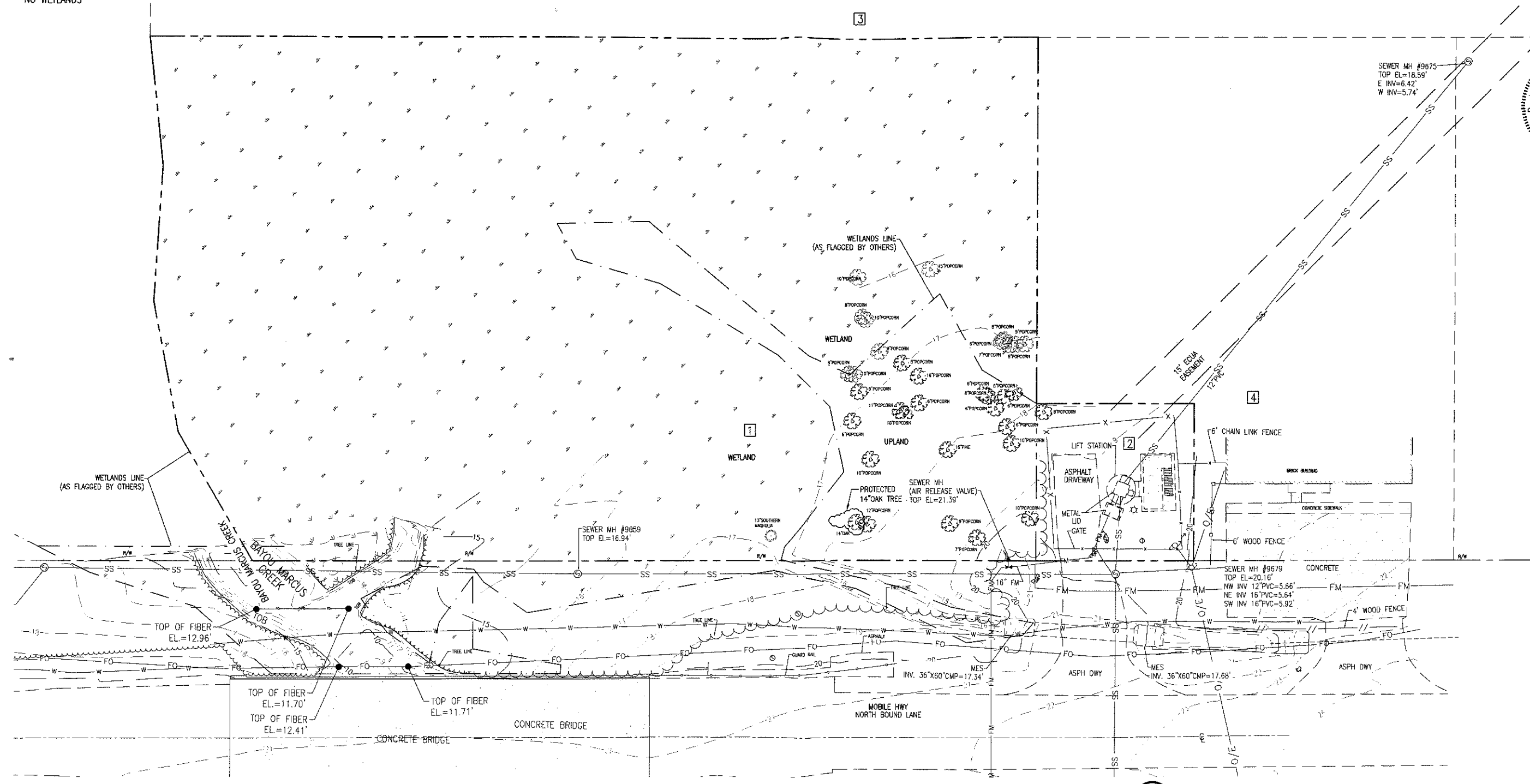


ECUA
 LIFT STATION 107(CHARBAR)
 REPLACEMENT AND
 SEWER REHABILITATION
 ESCAMBIA COUNTY, FLORIDA

PROJECT NO.	DESIGNED BY	DRAWN BY	CHK'D BY	PROJ. MGR.	DATE
27947.03	MDL	RG	RWD	RWD	FEB. 2021

EXISTING CONDITIONS
 PLAN & SITE DATA

C-101






A1 EXISTING CONDITIONS PLAN
 SCALE: 1" = 20' 0 10' 20' 40'

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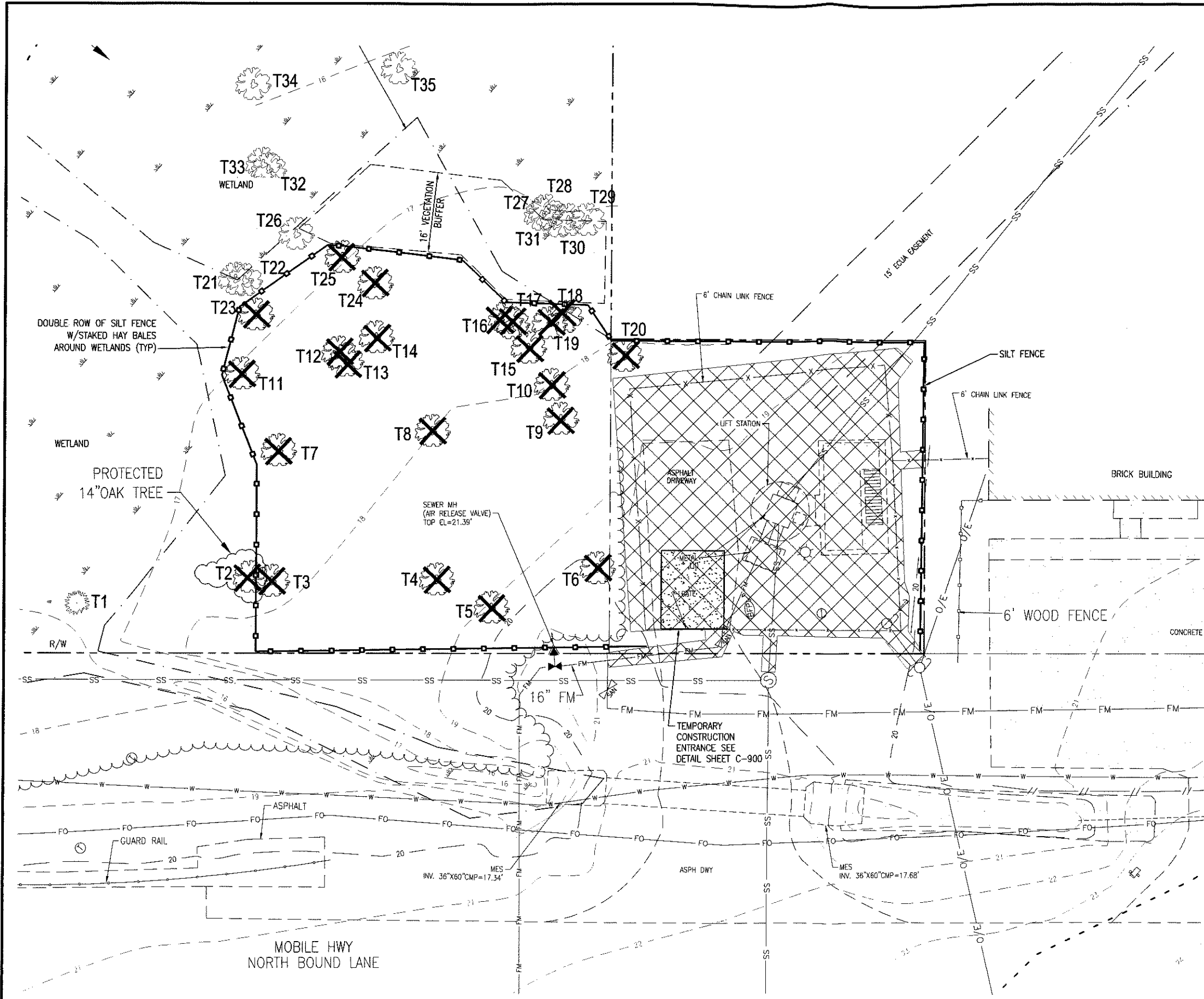
ALL WORK TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT MANUAL, THIS DOCUMENT & THE CURRENT EDITION OF E.C.U.A.'S ENGINEERING MANUAL

LEGEND

-  WETLANDS
-  DEMOLITION
-  TREE TO BE REMOVED

TREE CHART

TREE ID	COMMON NAME	SCIENTIFIC NAME	SIZE	PROTECTED	REMOVED
T1	SOUTHERN MAGNOLIA	Magnolia grandiflora L.	13"	YES	NO
T2	OAK	Quercus virginiana	14"	YES	YES
T3	POPCORN	Triadica sebifera	12"	NO	YES
T4	POPCORN	Triadica sebifera	9"	NO	YES
T5	POPCORN	Triadica sebifera	7"	NO	YES
T6	POPCORN	Triadica sebifera	10"	NO	YES
T7	POPCORN	Triadica sebifera	10"	NO	YES
T8	PINE	Pinus	16"	NO	YES
T9	POPCORN	Triadica sebifera	10"	NO	YES
T10	POPCORN	Triadica sebifera	6"	NO	YES
T11	POPCORN	Triadica sebifera	6"	NO	YES
T12	POPCORN	Triadica sebifera	11"	NO	YES
T13	POPCORN	Triadica sebifera	10"	NO	YES
T14	POPCORN	Triadica sebifera	6"	NO	YES
T15	POPCORN	Triadica sebifera	6"	NO	YES
T16	POPCORN	Triadica sebifera	8"	NO	YES
T17	POPCORN	Triadica sebifera	6"	NO	YES
T18	POPCORN	Triadica sebifera	6"	NO	YES
T19	POPCORN	Triadica sebifera	6"	NO	YES
T20	POPCORN	Triadica sebifera	6"	NO	YES
T21	POPCORN	Triadica sebifera	8"	NO	YES
T22	POPCORN	Triadica sebifera	10"	NO	YES
T23	POPCORN	Triadica sebifera	6"	NO	YES
T24	POPCORN	Triadica sebifera	16"	NO	YES
T25	POPCORN	Triadica sebifera	8"	NO	YES
T26	POPCORN	Triadica sebifera	9"	NO	YES
T27	POPCORN	Triadica sebifera	6"	NO	YES
T28	POPCORN	Triadica sebifera	8"	NO	YES
T29	POPCORN	Triadica sebifera	9"	NO	YES
T30	POPCORN	Triadica sebifera	8"	NO	YES
T31	POPCORN	Triadica sebifera	7"	NO	YES
T32	POPCORN	Triadica sebifera	10"	NO	YES
T33	POPCORN	Triadica sebifera	8"	NO	YES
T34	POPCORN	Triadica sebifera	10"	NO	YES
T35	POPCORN	Triadica sebifera	15"	NO	YES



A1 DEMOLITION AND EROSION CONTROL PLAN
 SCALE: 1" = 10'
 0 5' 10' 20'

BASKERVILLE-DONOVAN, INC.
 ENGINEERING THE SOUTH SINCE 1927
 449 W. MAIN ST., PENSACOLA, FL 32502 (850)438-9861
 ENGINEERING BUSINESS: EP-000042
 PROFESSIONAL ENGINEER: MICHAEL O. LAMSON, P.E.
 LICENSE NO. 49463
 FL. Reg. Engineer #49463

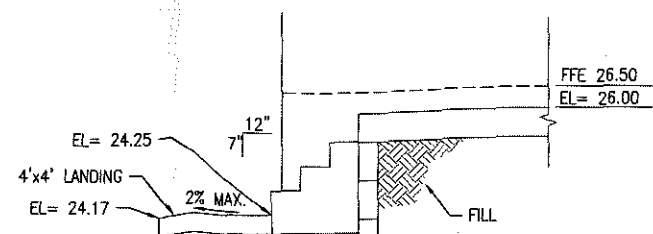
ECUA
 LIFT STATION 107(CHARBAR)
 REPLACEMENT AND
 SEWER REHABILITATION
 ESCAMBARIA COUNTY, FLORIDA

PROJECT NO: 27947.03
 DESIGNED BY: MDL
 DRAWN BY: RGG
 CHK'D BY: RWD
 PROJ. MGR: RWD
 DATE: FEB 2021

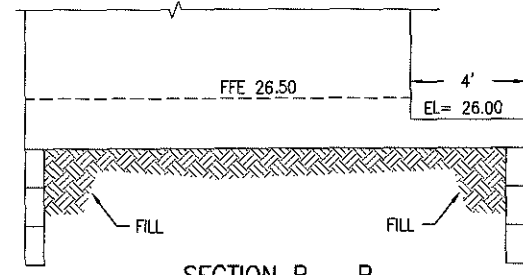
NOT RELEASED FOR CONSTRUCTION BY DATE

C-102

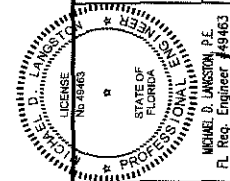
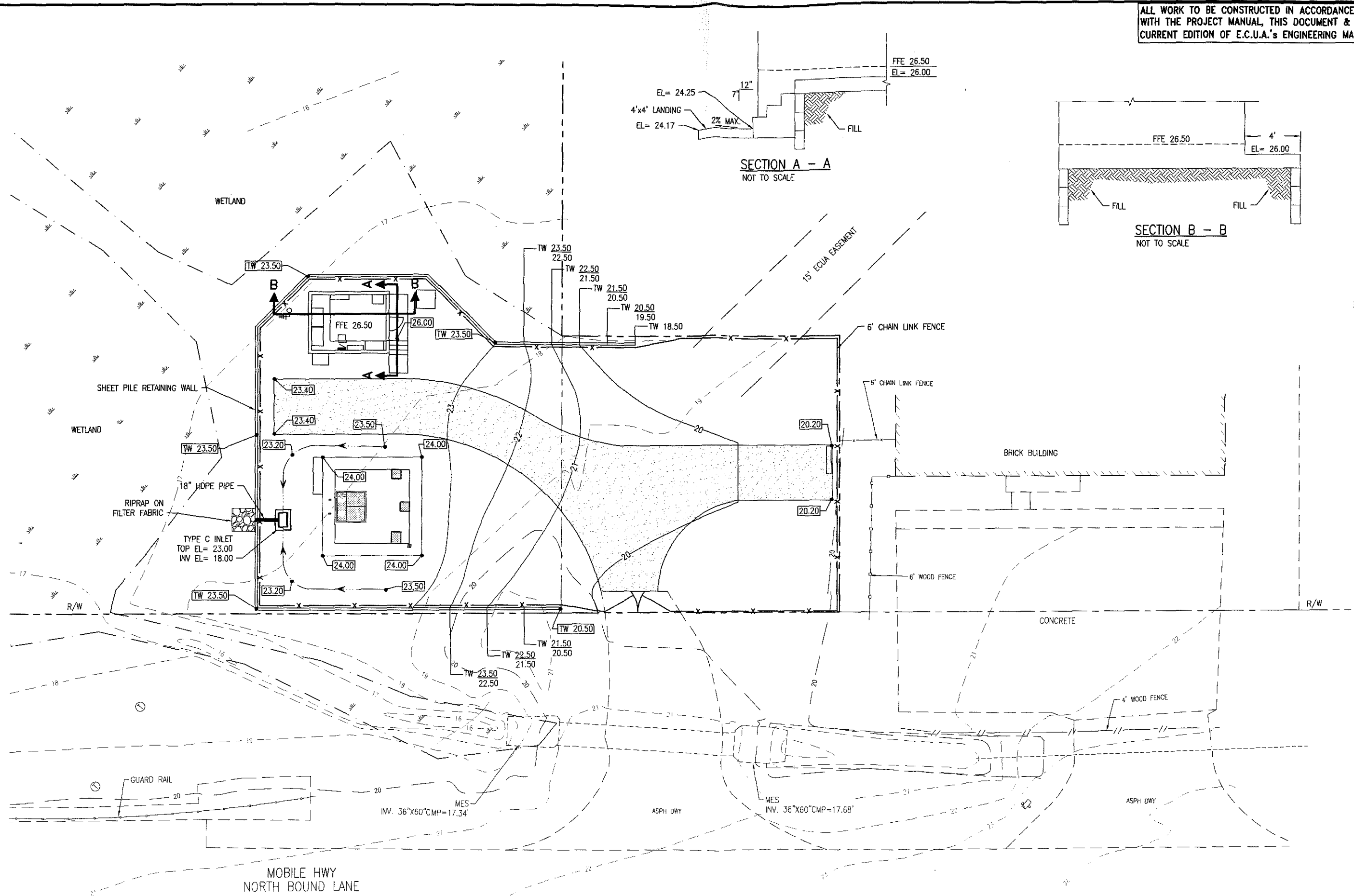
ALL WORK TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT MANUAL, THIS DOCUMENT & THE CURRENT EDITION OF E.C.U.A.'S ENGINEERING MANUAL



SECTION A - A
NOT TO SCALE



SECTION B - B
NOT TO SCALE



BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
448 W. MAIN ST., PENSACOLA, FL 32502 (850) 438-8861
ENGINEERING BUSINESS: EB-0000040
Pensacola - Panama City Beach - Tallahassee - Mobile
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LIFT STATION 107(CHARBAR)
REPLACEMENT AND
SEWER REHABILITATION
ESCAMBIA COUNTY, FLORIDA

NO.	DATE	APPR.	REVISION/ACTION TAKEN

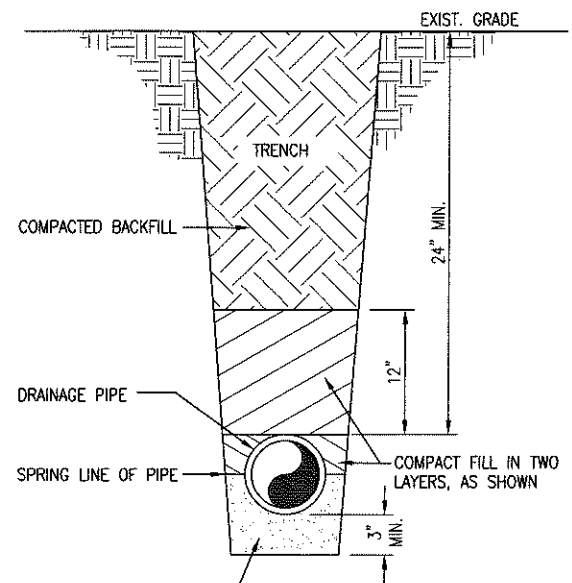
PROJECT NO: 27947.03
DESIGNED BY: MCL
DRAWN BY: RGS
CHK'D BY: RMD
PROJ. MGR: RMD
DATE: FEB 2021
NOT RELEASED FOR CONSTRUCTION BY DATE

GRADING & DRAINAGE PLAN

C-103

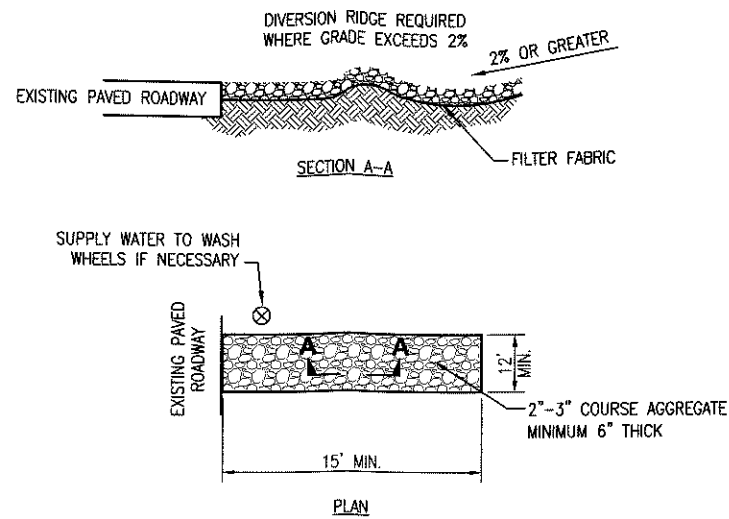
A1 GRADING & DRAINAGE PLAN
SCALE: 1" = 10'
0' 5' 10' 20'

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TYPICAL DRAINAGE PIPE BEDDING
NOT TO SCALE

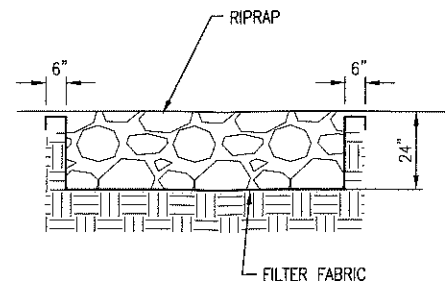
COMPACT GRANULAR MATERIAL (EXISTING MATERIAL MAY BE USED IF IT IS A SANDY, GRANULAR MATERIAL. IF EXISTING MATERIAL IS UNSUITABLE, SUCH AS MUCK OR SILT, A SANDY, GRANULAR MATERIAL MUST BE PROVIDED FOR BACKFILL)



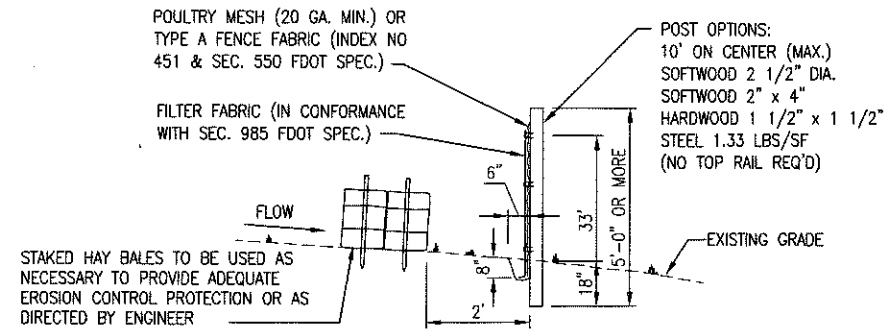
NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
NOT TO SCALE

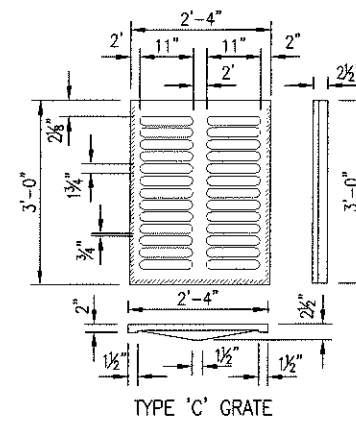


RIP RAP DETAIL
NOT TO SCALE

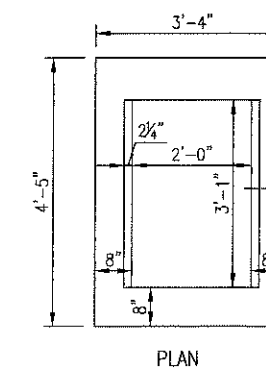


- SILT FENCE NOTES:**
1. FABRIC TO BE PLACED FACING DRAINAGE FLOW
 2. FABRIC TO BE PLACED IN A 6" WIDE x 8" DEEP CONTINUOUS TRENCH, THEN BACKFILLED
 3. ALL LUMBER TO BE PRESSURE/PRESERVATIVE TREATED
 4. SILT FENCE TO BE INSTALLED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. SILT FENCE TO REMAIN UNTIL 100% PROJECT GRASSING (STABILIZATION) IS ACHIEVED
 5. PREFABRICATED SILT FENCES ARE PERMITTED AS LONG AS THEY MEET OR EXCEED FDOT SPECIFICATIONS.

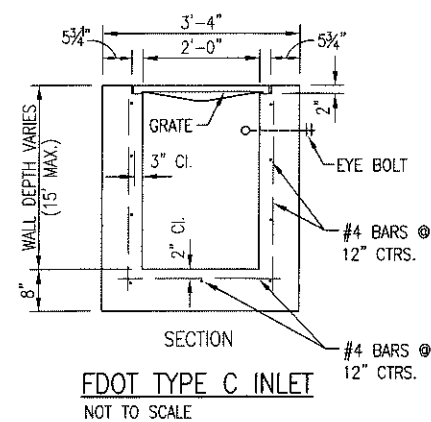
TYPE IV SILT FENCE DETAIL
NOT TO SCALE



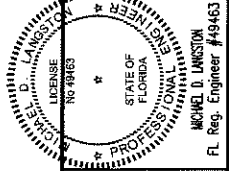
TYPE 'C' GRATE



PLAN



SECTION
FDOT TYPE C INLET
NOT TO SCALE



ECUA
LIFT STATION 107(CHARBAR)
REPLACEMENT AND
SEWER REHABILITATION
ESCAMBIA COUNTY, FLORIDA

BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
449 W. MAIN ST., PENSACOLA, FL 32502 (850) 438-9961
ENGINEERING BUSINESS: EB-0000340
Pensacola - Panama City Beach - Tallahassee - Mobile
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NO.	DATE	APPR.	REVISION/ACTION TAKEN

PROJECT NO: 27947.03
DESIGNED BY: MDL
DRAWN BY: RGG
CHK'D BY: MDL
PROG. MGR: RWD
DATE: FEB 2021
NOT RELEASED FOR CONSTRUCTION BY: DATE: / /

C-900