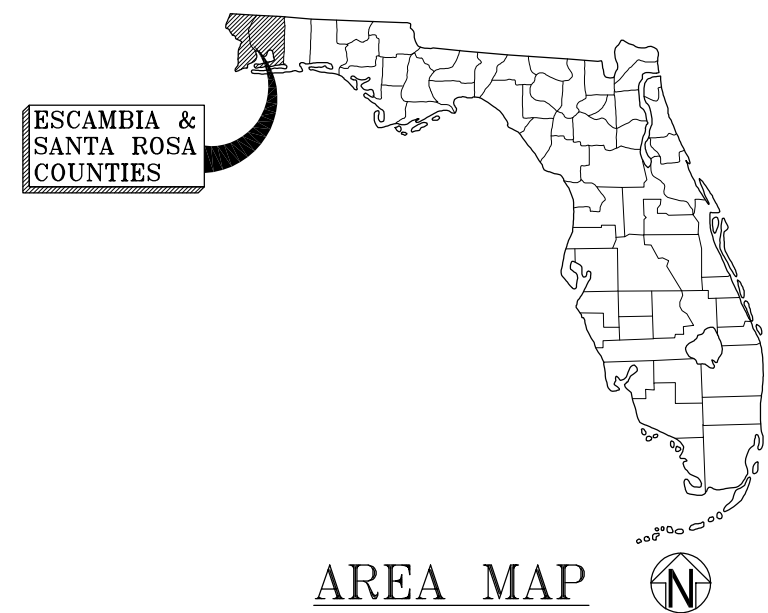
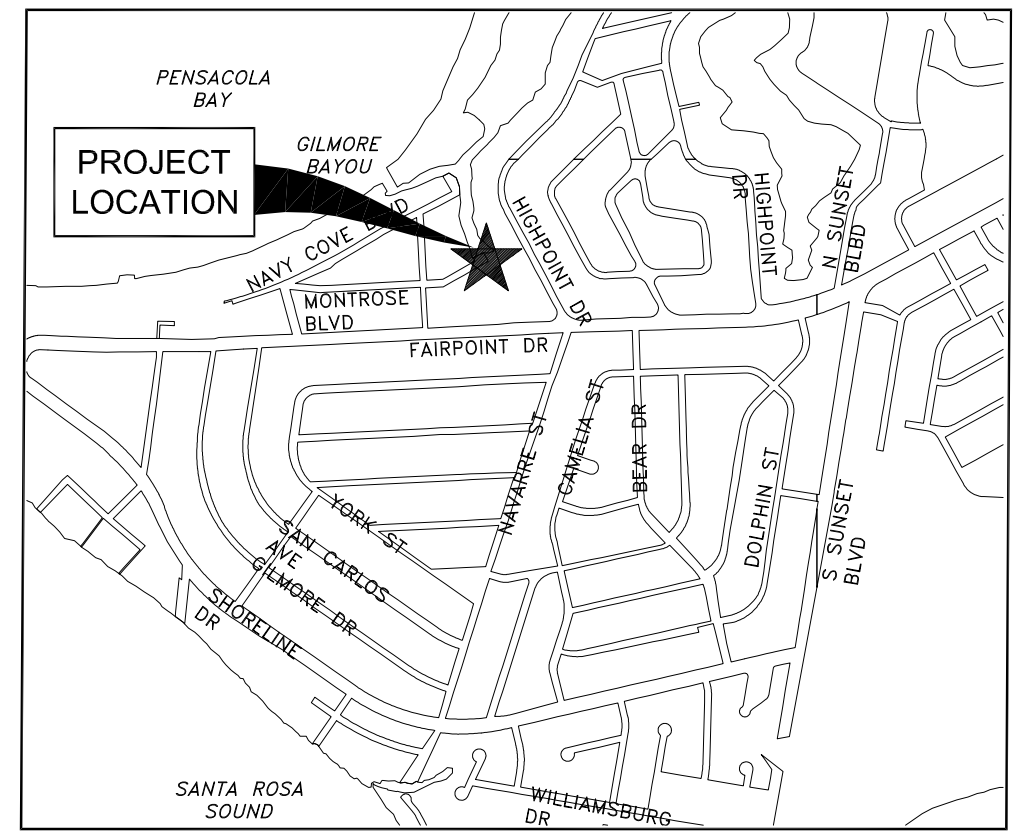


CONSTRUCTION PLANS  
FOR  
**CITY OF GULF BREEZE**  
FOR  
**GILMORE OUTFALL**  
SANTA ROSA COUNTY, FLORIDA



INDEX

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C-901	DETAILS



CITY OF GULF BREEZE  
1070 SHORELINE DRIVE  
GULF BREEZE, FLORIDA 32561  
(850) 935-5100

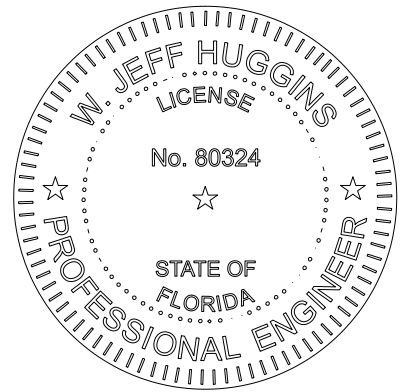
JUNE 2022  
BDI Project No. 20445.01

PREPARED BY

 **BASKERVILLE-DONOVAN, INC.**  
ENGINEERING THE SOUTH SINCE 1927

449 W. MAIN ST., PENSACOLA, FL 32502 (850)438-9661  
ENGINEERING BUSINESS: EB-0000340  
Pensacola - Panama City Beach - Tallahassee - Mobile

THIS DOCUMENT HAS BEEN DIGITALLY  
SIGNED AND SEALED BY WILLIAM J.  
HUGGINS 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.



BID SET  
JUNE 2022  
**Released for Bid**

GENERAL NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE PROJECT PRIOR TO BIDDING.
2. B.M. DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1988 (NGVD88)
3. ANY MONUMENT AND/OR ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHOWN, ARE TO BE PROTECTED. IF THESE ARE IN DANGER OF BEING DAMAGED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER IMMEDIATELY, WHO WILL CONTACT THE PROPER AUTHORITIES.
4. UTILITY RELOCATIONS WILL BE BY OTHERS. EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN WERE PROVIDED BY UTILITY COMPANIES AND HAVE NOT BEEN VERIFIED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE EXACT LOCATIONS AND DEPTHS OF ALL UTILITIES INCLUDING, BUT NOT LIMITED TO, WATER LINES AND SANITARY SEWER 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.
5. 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. PERFORMED IN 2021.
6. RIGHT-OF-WAY LINE LOCATIONS AS SHOWN IN THE PLANS ARE APPROXIMATE; RIGHT-OF-WAY LINES SHOWN ARE PER ESCAMBIA COUNTY RECORDS AND BDI SURVEY WORK. THE CONTRACTOR IS TO ENSURE THAT THE CONSTRUCTION REMAINS WITHIN RIGHT-OF-WAY OR EASEMENT AS DEPICTED IN THE PLANS. CONTRACTOR SHALL CONFINE ALL ACTIVITIES WITHIN DESIGNATED CONSTRUCTION LIMITS (RIGHT-OF-WAY OR EASEMENT). DO NOT ENTER PRIVATE PROPERTY WITHOUT PRIOR APPROVAL FROM ENGINEER.
7. CONTRACTOR SHALL SAFETY-BARRICADE ALL EXCAVATIONS AND OTHER HAZARDS.
8. 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. ROADWAYS CAN BE CLOSED ONLY AS DIRECTED BY THE CITY.
9. 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 ENGINEER.
10. ADEQUATE PROVISIONS SHALL BE MADE FOR THE FLOW OF SEWERS, DRAINS, WATER COURSES AND OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION.
11. THE CONTRACTOR IS TO REPLACE TO EXISTING CONDITIONS OR BETTER ANY FENCES, SPRINKLER SYSTEMS, TREES AND SHRUBS, MAINTAINED FLOWER BEDS, OR OTHER EXISTING PUBLIC AND PRIVATE PROPERTY IMPROVEMENTS IMPACTED DURING CONSTRUCTION, WHETHER DEPICTED IN THE PLANS OR NOT. REPLACE SOD WITH MATCHING TYPE.
12. IF DURING THE PROGRESS OF THIS PROJECT PREHISTORIC OR HISTORIC ARTIFACTS, SUCH AS POTTERY OR CERAMICS, STONE TOOLS OR METAL IMPLEMENTS, DUGOUT CANOES, OR ANY OTHER PHYSICAL REMAINS THAT COULD BE ASSOCIATED WITH NATIVE AMERICAN CULTURES OR EARLY COLONIAL OR AMERICAN SETTLEMENT ARE ENCOUNTERED AT ANY TIME WITHIN THE PROJECT SITE AREA, THE PERMITTED PROJECT SHOULD CEASE ALL ACTIVITIES INVOLVING SUBSURFACE DISTURBANCE IN THE IMMEDIATE VICINITY OF SUCH DISCOVERIES. THE PERMITTEE, OR OTHER DESIGNEE, SHALL CONTACT THE FLORIDA DEPARTMENT OF STATE, DIVISION OF HISTORICAL RESOURCES, REVIEW AND COMPLIANCE SECTION AT (850) 245-6333 OR (800) 847-7278, AS WELL AS THE APPROPRIATE PERMITTING AGENCY OFFICE. PROJECT ACTIVITIES SHOULD NOT RESUME WITHOUT VERBAL AND/OR WRITTEN AUTHORIZATION FROM THE DIVISION OF HISTORICAL RESOURCES. IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK SHALL STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH SECTION CHAPTER 872.05, FLORIDA STATUTES.
13. THERE SHALL BE NO STORAGE OR STOCKPILING OF TOOLS OR MATERIALS (i.e., LUMBER, PILINGS, EQUIPMENT) ALONG THE SHORELINE WITHIN THE LITTORAL ZONE OR ELSEWHERE WITHIN WATERS OF THE STATE UNLESS SPECIFICALLY APPROVED IN THE PERMIT.
14. NO BUILDING OR FILL MATERIALS, TOOLS OR OTHER EQUIPMENT SHALL BE STOCKPILED IN WATERS OF THE UNITED STATES.
15. A COPY OF ALL PERMITS FOR THIS CONSTRUCTION ACTIVITY SHALL BE KEPT ON SITE AT ALL TIMES DURING CONSTRUCTION.

LEGEND:

-7

EXIST. CONTOUR

BENCH MARK

MHWL

...

...

MEAN HIGH WATER LEVEL

DREDGE

BASKERVILLE-DONOVAN, INC.

ENGINEERING THE SOUTH SINCE 1927

449 W. MAIN ST. PENSACOLA, FL 32502 (850) 438-9661

ENGINEERING BUSINESS: EB-00000340

Pensacola - Panama City Beach - Tallahassee - Mobile

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W. JEFF HUGGINS, P.E.

FL Reg. Engineer #93324

GILMORE OUTFALL

PROJECT NO:	NO.	DATE	APPR.	REVISION / ACTION	TAKEN
20445.01					
DESIGNED BY: WJH					
DRAWN BY: RGG					
CHK'D BY: HB					
PROJ. MGR: WJH					
DATE: SEPT 2021					
NOT RELEASED FOR CONSTRUCTION BY				DATE	/ /

GENERAL NOTES & LEGEND

G-001

K:\204 Gulf Breeze and SSRUS\20445.01\DWG\C-100 ExCond.dwg, Jun 09, 2022 -- 10:39:13AM, jhuggins

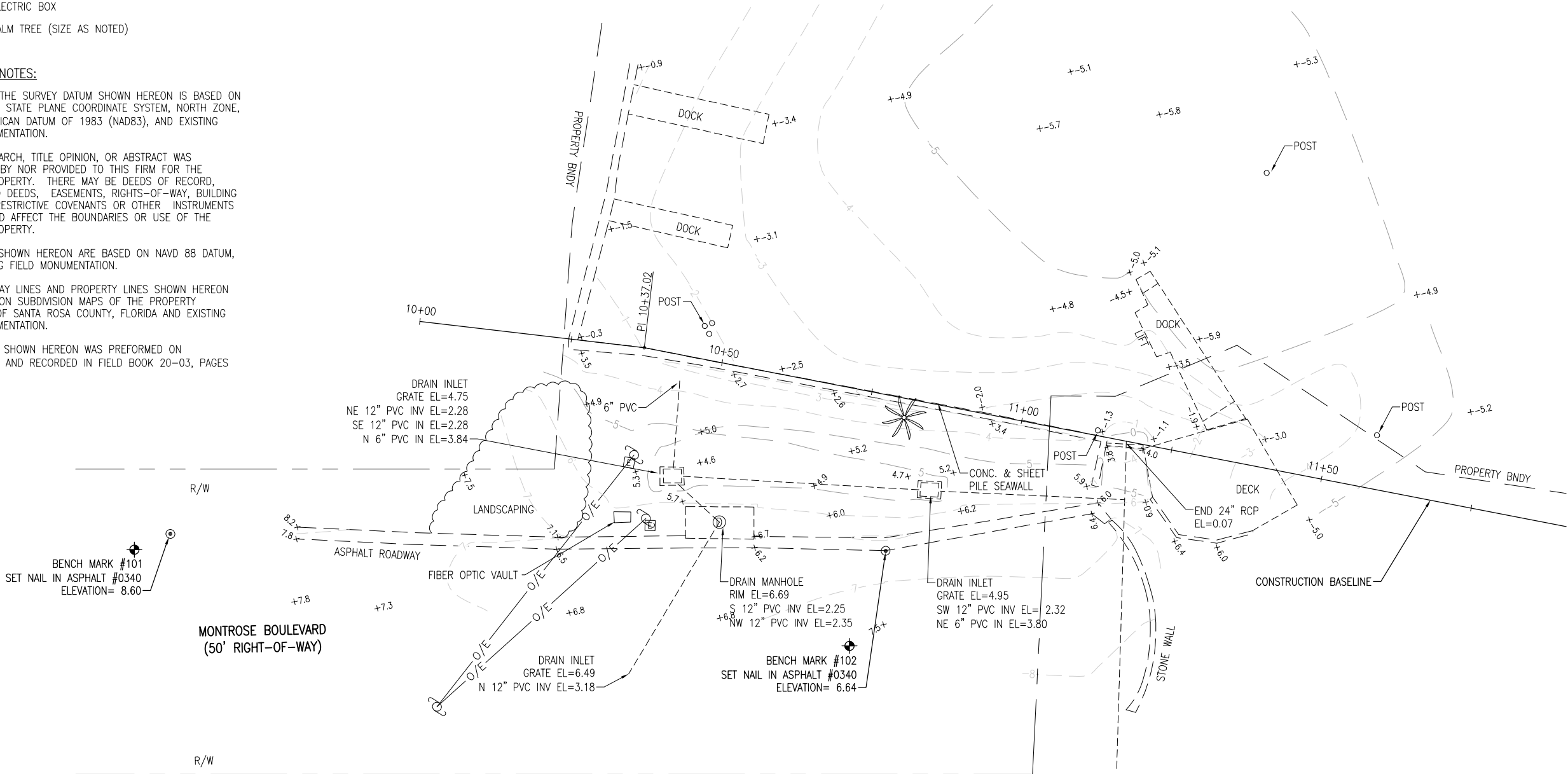
LEGEND

- R/W — RIGHT-OF-WAY  
INV. — INVERT  
EL. — ELEVATION  
⊙ — SET NAIL WITH DISK #0340  
-85- — CONTOUR ELEVATION AT 1' INTERVALS  
+85.4 — SPOT ELEVATION  
—SD— — STORM DRAINAGE  
⊕ — UTILITY POLE  
⊕MH — DRAIN MANHOLE  
⊕ — ELECTRIC BOX  
\* — PALM TREE (SIZE AS NOTED)

SURVEYOR'S NOTES:

1. NORTH AND THE SURVEY DATUM SHOWN HEREON IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83), AND EXISTING FIELD MONUMENTATION.
2. NO TITLE SEARCH, TITLE OPINION, OR ABSTRACT WAS PERFORMED BY NOR PROVIDED TO THIS FIRM FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, RESTRICTIVE COVENANTS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.
3. ELEVATIONS SHOWN HEREON ARE BASED ON NAVD 88 DATUM, AND EXISTING FIELD MONUMENTATION.
4. RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN HEREON ARE BASED ON SUBDIVISION MAPS OF THE PROPERTY APPRAISER OF SANTA ROSA COUNTY, FLORIDA AND EXISTING FIELD MONUMENTATION.
5. THE SURVEY SHOWN HEREON WAS PREFORMED ON 04/20/2020 AND RECORDED IN FIELD BOOK 20-03, PAGES 67-70.

SURVEY CONTROL TABLE			
BENCHMARK	NORTHING	EASTING	ELEVATION
101	505191.27	1120887.80	8.60
102	505250.53	1120988.92	6.64



EXISTING CONDITIONS PLAN

SCALE: 1" = 10' 0 5' 10' 20'



**BASKERVILLE-DONOVAN, INC.**  
ENGINEERING THE SOUTH SINCE 1927  
448 W. MAIN ST., PENSACOLA, FL 32502 (850) 438-9861  
ENGINEERING BUSINESS: EB-0000340  
Pensacola - Panama City Beach - Tallahassee - Mobile

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**W. JEFF HUGGINS, P.E.**  
FL Reg. Engineer #93324

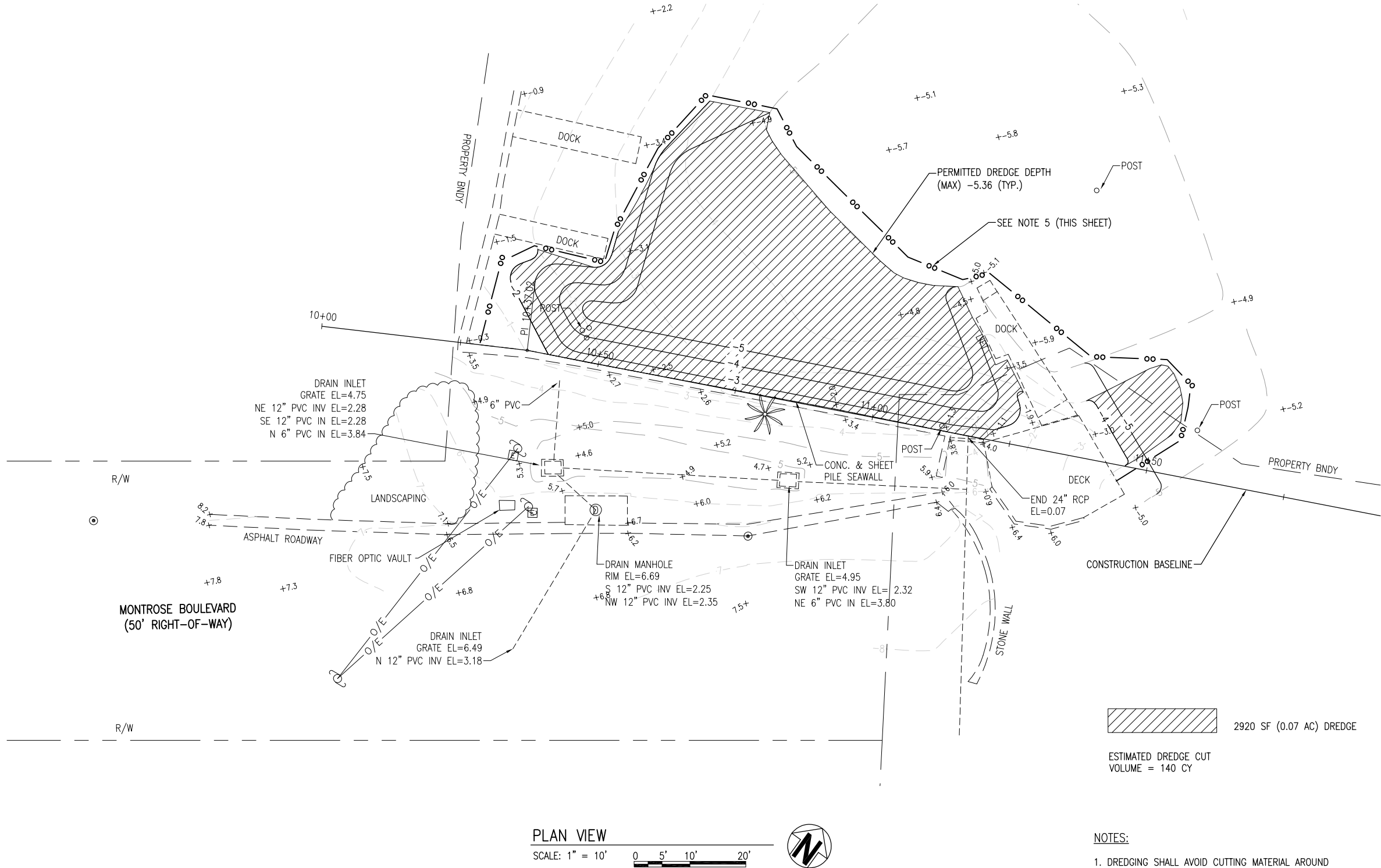
GILMORE OUTFALL

PROJECT NO.	NO.	DATE	APPR.	REVISION / ACTION TAKEN
20445.01				
DESIGNED BY: WJH				
DRAWN BY: RGG				
CHK'D BY: HFB				
PROJ. MGR: WJH				
DATE: SEPT 2021				

EXISTING CONDITIONS  
& CONTROL PLAN

C-100

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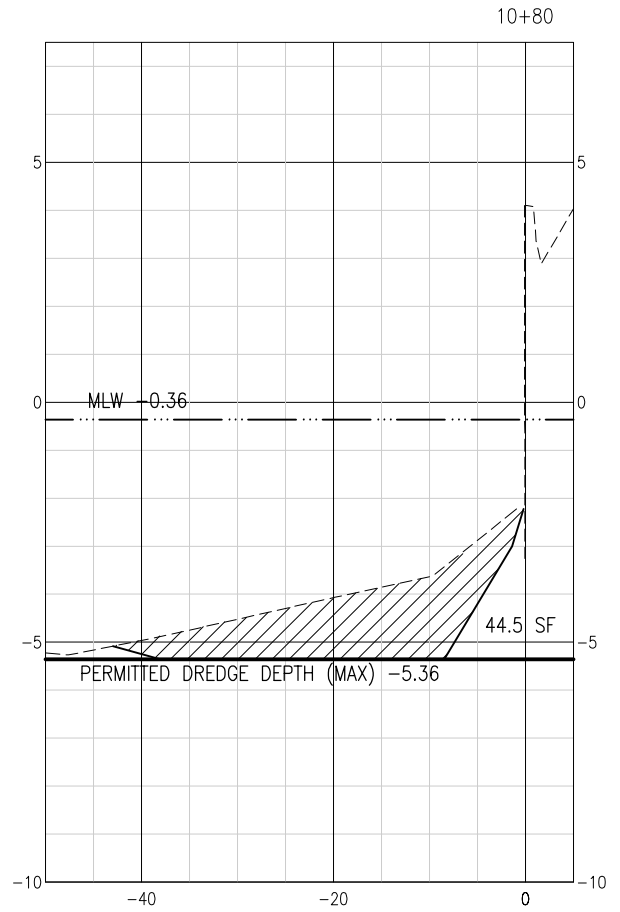
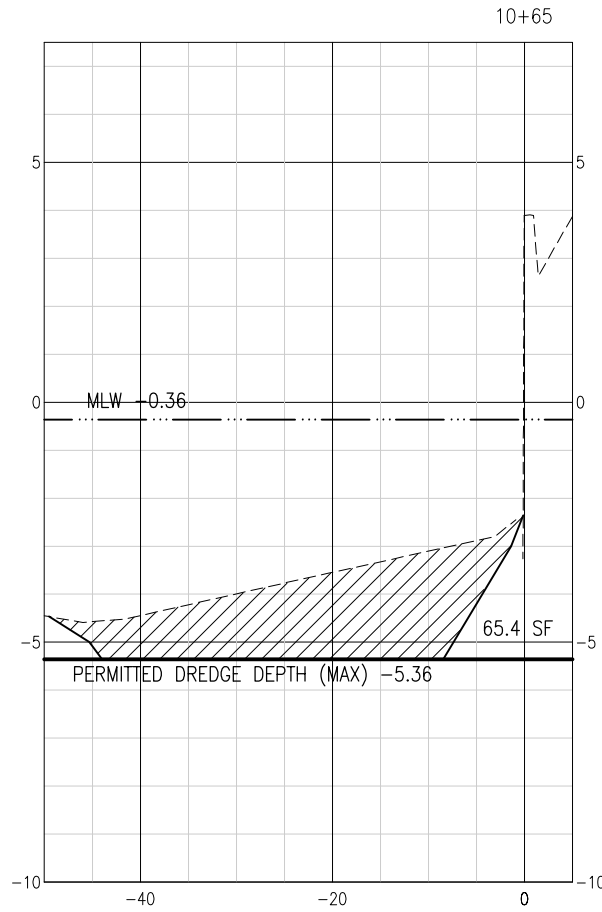
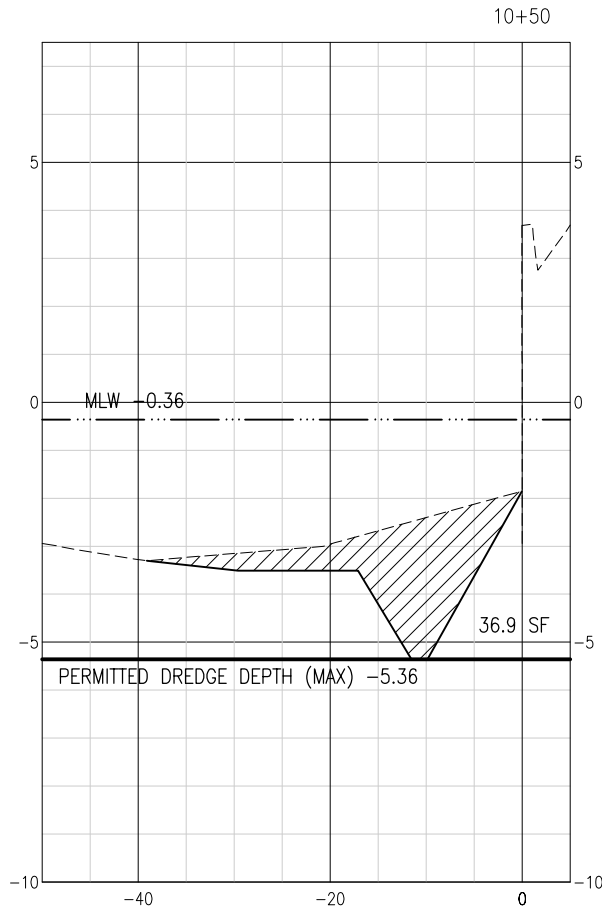
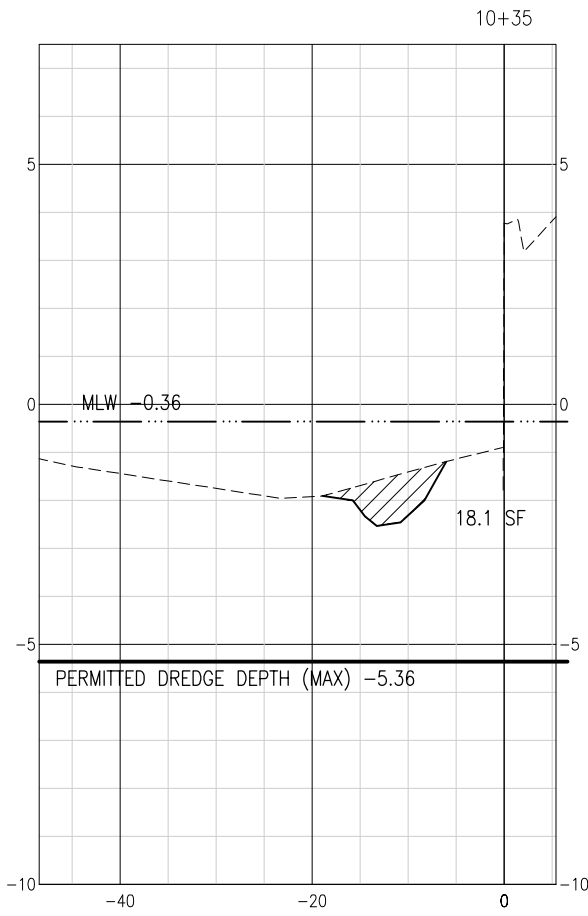
PLAN VIEW  
SCALE: 1" = 10'  
0 5' 10' 20'

- NOTES:
- DREDGING SHALL AVOID CUTTING MATERIAL AROUND EXISTING DOCK PILES.
  - RESIDENTS SHALL BE NOTIFIED OF DREDGING OPERATIONS 48 HOURS (MIN.) PRIOR TO BEGINNING WORK.
  - DREDGED MATERIAL SHALL BE PLACES IN A LINED CONTAINER UPLAND, OR ON THE DREDGE BARGE, AND BE DISPOSED OF LEGALLY OFF SITE.
  - RETURN OF DREDGED MATERIALS AND SEDIMENT INTO CANAL IS PROHIBITED.
  - FLOATING TURBIDITY CURTAIN SHALL BE UTILIZED TO PREVENT SEDIMENT FROM LEAVING THE SITE. TURBIDITY CURTAIN MAY BE USED IN ISOLATED WORK AREAS AS WORK IS BEING PERFORMED, BUT SHALL REMAIN IN PLACE UNTIL TURBIDITY LEVELS MEET THOSE REQUIRED BY FEDERAL, STATE, AND LOCAL LAWS.

PROJECT NO: <b>20445.01</b>	DESIGNED BY: WJH	NO.	DATE	APPR.	REVISION/ACTION TAKEN	GILMORE OUTFALL	W. JEFF HUGGINS, P.E. FL Reg. Engineer #93324	BASKERVILLE-DONOVAN, INC. ENGINEERING THE SOUTH SINCE 1927 448 W. MAIN ST., PENSACOLA, FL 32502 (850) 438-9661 ENGINEERING BUSINESS: EB-00000340 Pensacola - Panama City Beach - Tallahassee - Mobile This drawing is the property of BASKERVILLE-DONOVAN, INC. and is not to be reproduced in whole or in part. It is not to be used on any other project and is to be returned upon request.
	DRAWN BY: RGG							
	CHK'D BY: HFB							
	PROJ. MGR: WJH							
DATE: SEPT 2021					NOT RELEASED FOR CONSTRUCTION BY	DATE		
PLAN VIEW						C-101		



K:\204 Gulf Breeze and SSRUS\20445.01\DWG\C-102-103 Xsec.dwg, Jun 09, 2022 - 10:41:42AM, jhuggins



0 5' 10' 20'  
SCALE: 1" = 10' HORIZ

0 1' 2' 4'  
SCALE: 1" = 2' VERT

0 1' 2' 4'

SCALE: 1" = 2' VERT

## CROSS-SECTIONS

**C-102**

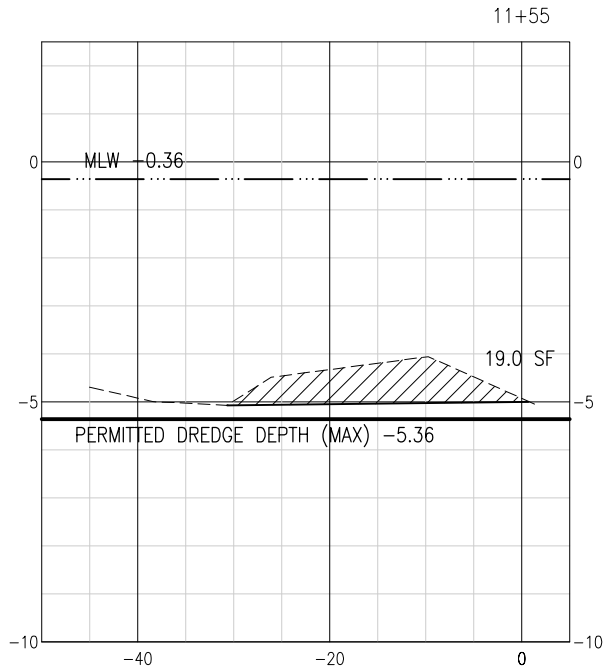
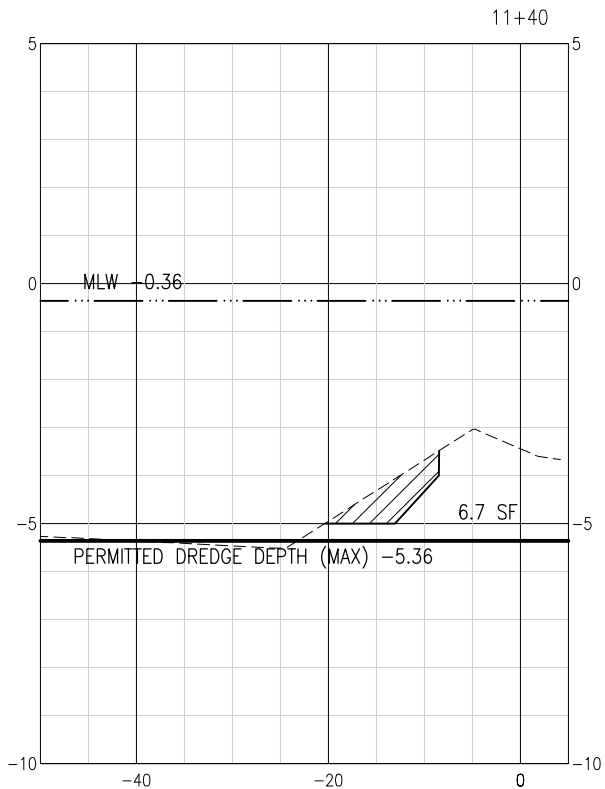
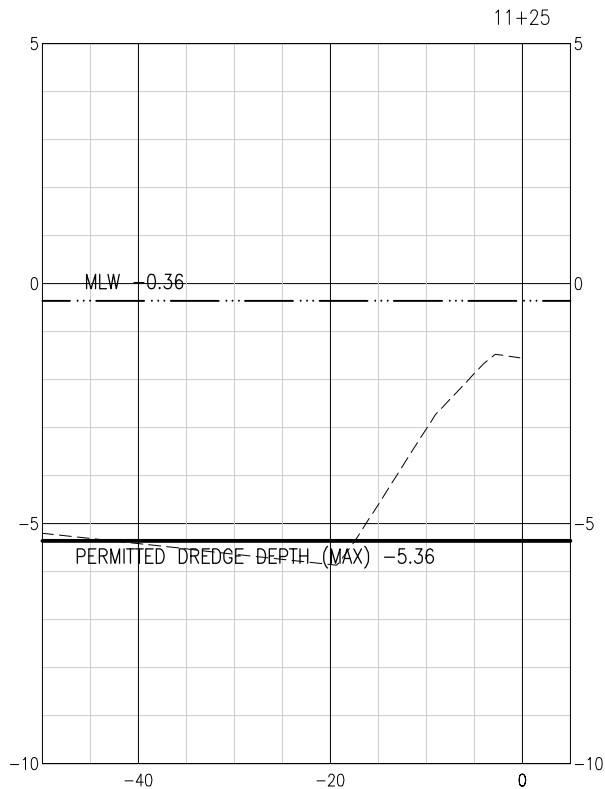
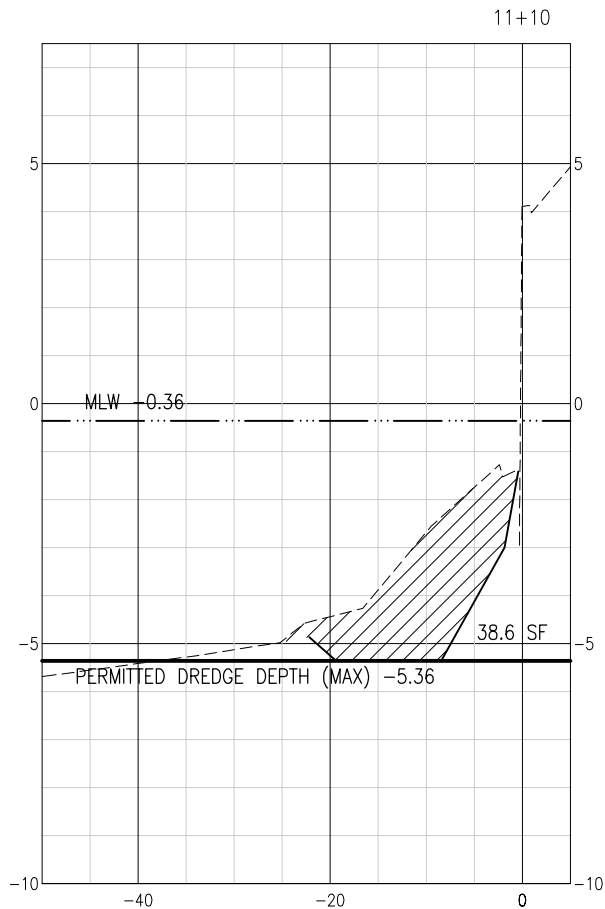
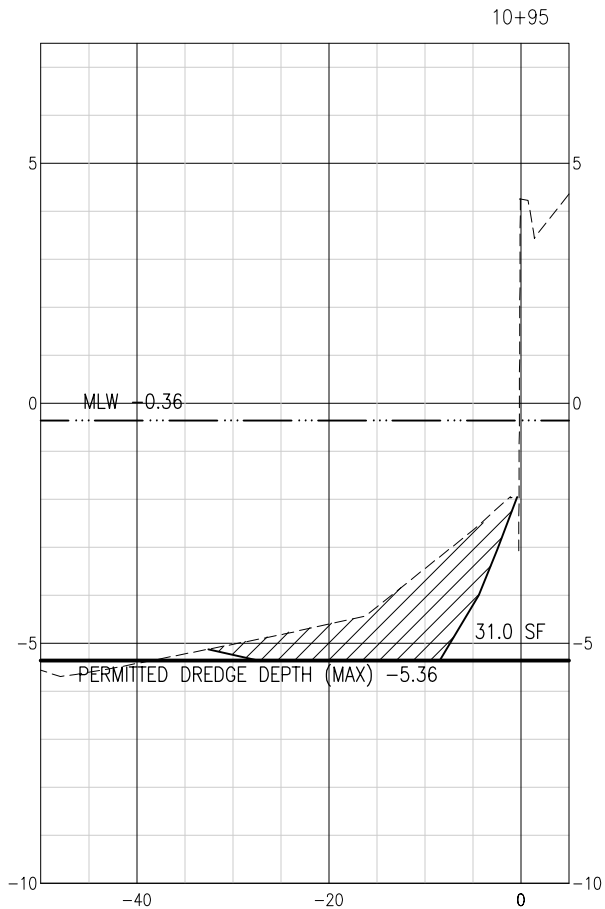
**GILMORE OUTFALL**

**BASKERVILLE-DONOVAN, INC.**  
ENGINEERING THE SOUTH SINCE 1927  
449 W. MAIN ST., PENSACOLA, FL 32502 (850)436-6661

W. JEFF HUGGINS, P.E.  
FL Reg. Engineer #80324

PROJECT NO:	NO.	DATE	APPR.	REVISION/ACTION TAKEN
20445.01				
DESIGNED BY: WJH				
DRAWN GROSS--SECTIONS				
CHK'D BY: HFB				
PROJ. MGR: WJH				
DATE: SEPT 2021				
NOT RELEASED FOR CONSTRUCTION BY				DATE

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0 5' 10' 20'  
SCALE: 1" = 10' HORIZ

0 1' 2' 4'  
SCALE: 1" = 2' VERT

CROSS-SECTIONS

C-103

GILMORE OUTFALL

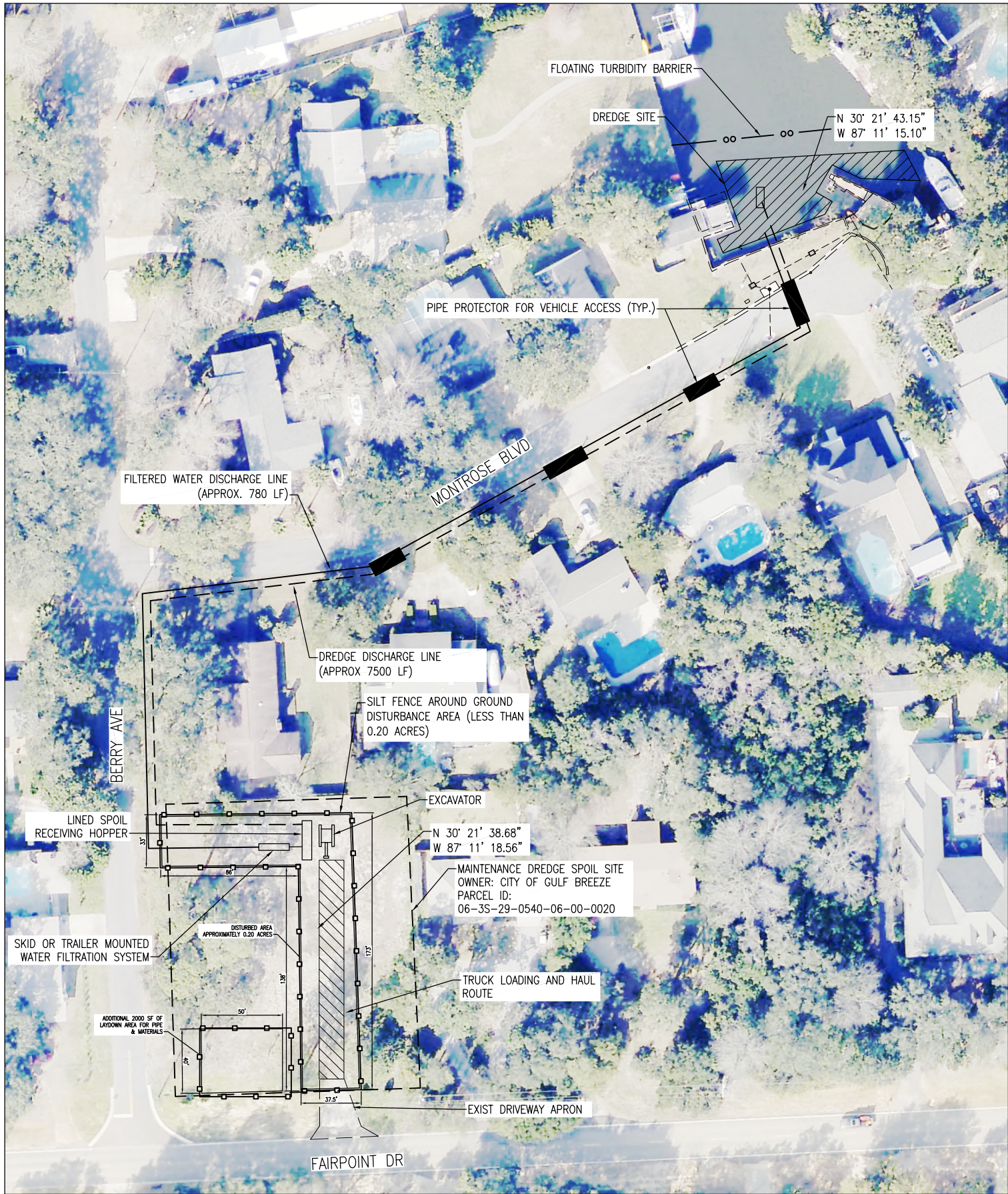
**BASKERVILLE-DONOVAN, INC.**  
ENGINEERING THE SOUTH SINCE 1927  
448 W. MAIN ST. - PENSACOLA, FL 32502 (850) 438-9661  
ENGINEERING BUSINESS: EB-0000340  
Pensacola - Panama City Beach - Tallahassee - Mobile  
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W. JEFF HUGGINS, P.E.  
FL Reg. Engineer #93324

PROJECT NO.	NO.	DATE	APPR.	REVISION/ACTION TAKEN
20445.01				
DESIGNED BY: WJH				
DRAWN CROSS-SECTIONS				
CHK'D BY: HFB				
PROJ. MGR: WJH				
DATE: SEPT 2021				
NOT RELEASED FOR CONSTRUCTION BY				DATE

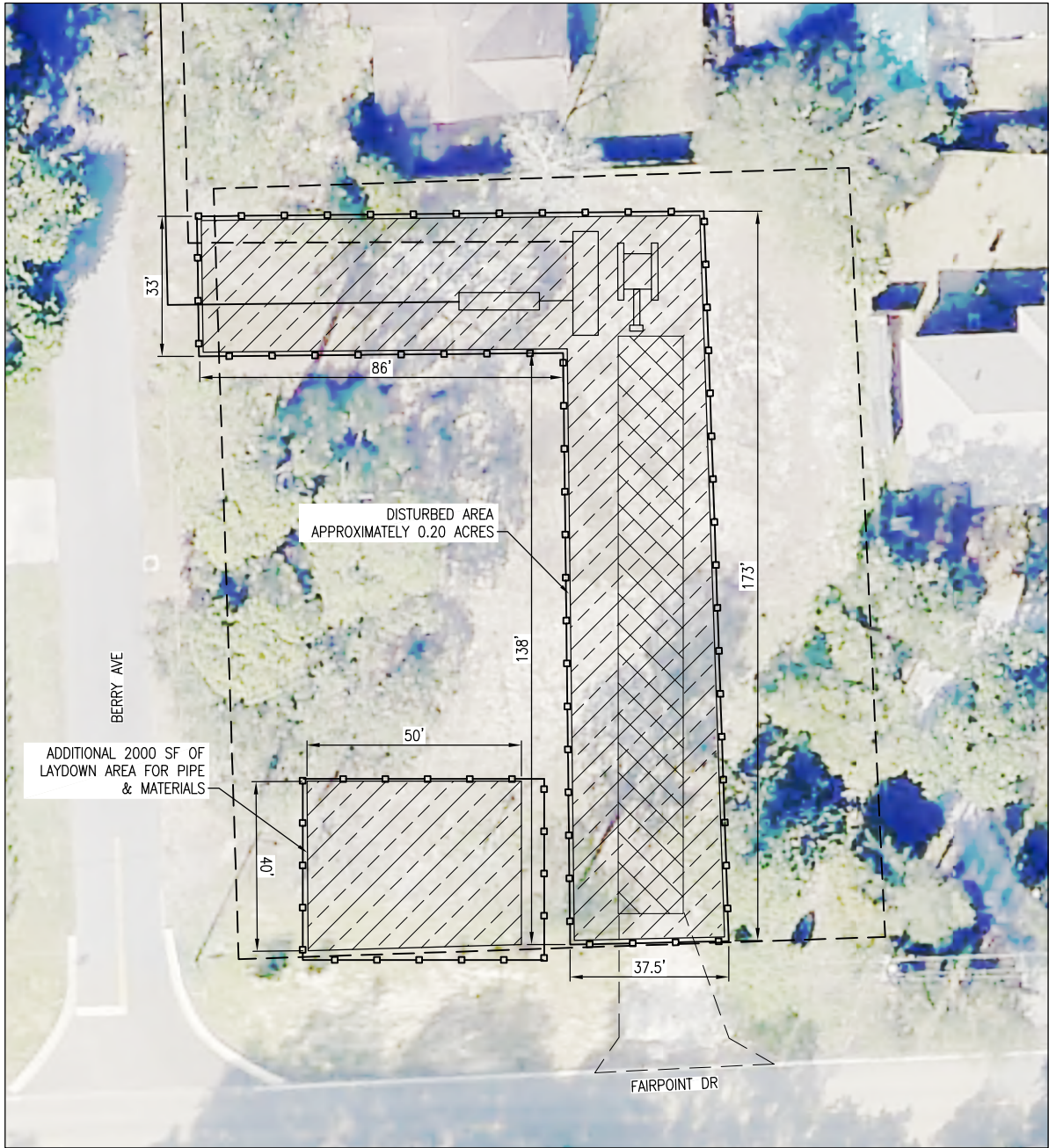


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PLAN VIEW

SCALE: 1" = 40'



ENLARGEMENT

SCALE: 1" = 20'



NOTES:

1. WATER TURBIDITY LEVELS SHALL BE MONITORED IN ACCORDANCE WITH FDIP STANDARD OPERATING PROCEDURES.
2. DISTURBED AREAS TO BE RESODDED AFTER CONSTRUCTION. MATCH EXISTING SOD.

PROJECT NO.	20445.01	DESIGNED BY: WJH	DRAWN BY: RGG	CHK'D BY: HFB	PROJ. MGR: WJH	DATE: AUG 2021	NOT RELEASED FOR CONSTRUCTION BY	DATE	REVISION/ACTION	TAKEN	NO.	DATE	APPR.	W. JEFF HUGGINS, DE	FL. Reg. Engineer	#60324	GILMORE OUTFALL	BASKERVILLE-DONOVAN, ENGINEERING THE SOUTH SINCE 1927	440 W. MAIN ST. PENSACOLA, FL 32502 (850)438-9661 ENGINEERING BUSINESS: EB-0000340	Pensacola - Panama City Beach - Tallahassee - Mobile This drawing is the property of BASKERVILLE-DONOVAN, INC. and is not to be reproduced in whole or in part. It is not to be used on any other project and is to be returned upon request.

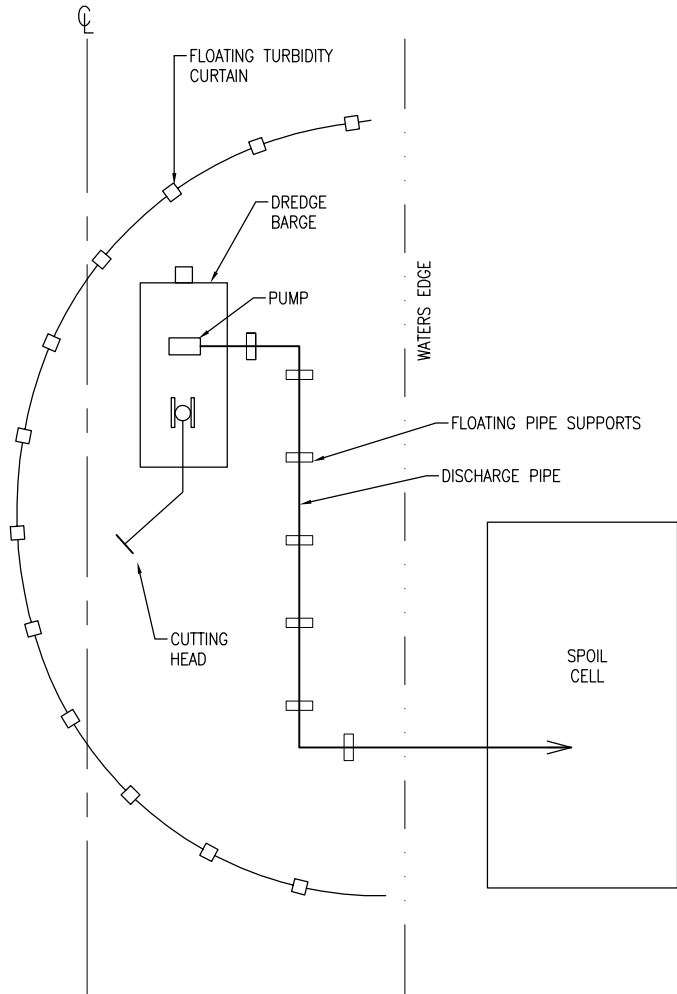
DREDGE AREA/  
SPOIL SITE

C-200



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WATERS EDGE

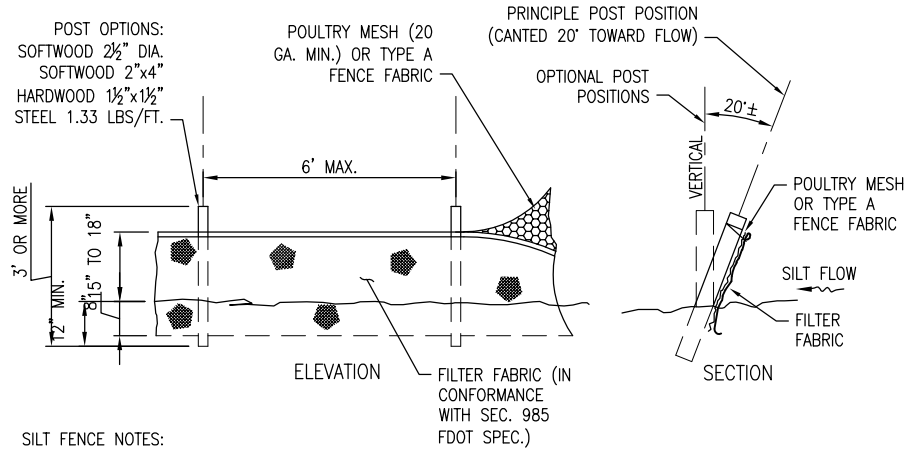


TYPICAL DREDGE OPERATION LAYOUT

NOT TO SCALE

NOTES:

1. FLOATING TURBIDITY BARRIER SHALL BE USED AT ALL TIMES DURING DREDGING OPERATIONS.
2. BARRIERS SHALL ENCLOSE OPERATION EQUIPMENT AND DISCHARGE PIPING.
3. TURBIDITY BARRIERS SHALL BE MOVED AS DREDGING OPERATIONS SHIFT ALONG THE CHANNEL.
4. BARRIERS SHALL BE CLEANED AND MAINTAINED FOR THE ENTIRE DREDGING PERIOD AND UNTIL ACCEPTED BY SRIA.

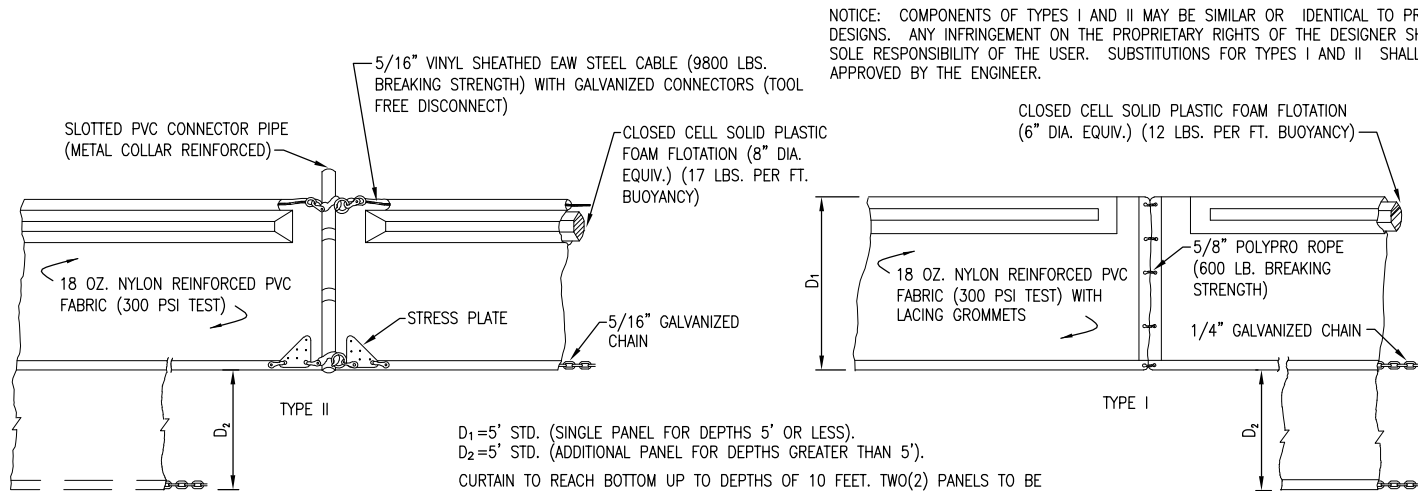


SILT FENCE NOTES:

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



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

D<sub>1</sub>=5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS).  
D<sub>2</sub>=5' STD. (ADDITIONAL PANEL FOR DEPTHS GREATER THAN 5').

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

FLOATING TURBIDITY BARRIER

NOT TO SCALE

DETAILS

C-900

GILMORE OUTFALL

PROJECT NO.	NO.	DATE	APPR.	REVISION/ACTION TAKEN
20445.01				
DESIGNED BY: MDL				
DRAWN BY: RGG				
CHK'D BY: WJH				
PROJ. MGR: WJH				
DATE: SEPT 2021				

NOT RELEASED FOR CONSTRUCTION BY DATE

BASKERVILLE-DONOVAN, INC.  
ENGINEERING THE SOUTH SINCE 1927

449 W. MAIN ST. PENSACOLA, FL 32502 (850) 438-9861  
ENGINEERING BUSINESS: EB-00000340

Pensacola - Panama City Beach - Tallahassee - Mobile

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W. SEPT HUGGINS, DE  
FL Reg. Engineer #93324