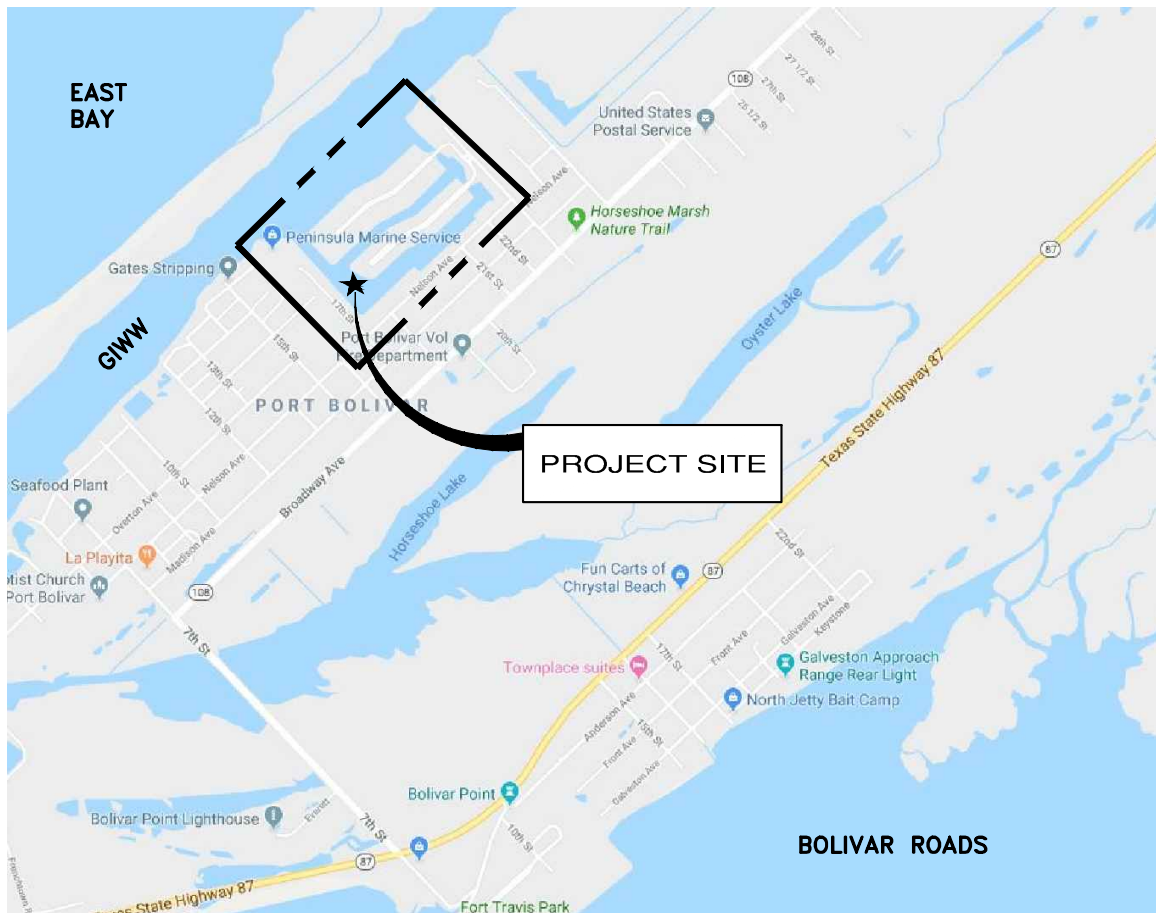
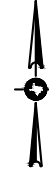




NOTE:
PROPOSED PROJECT SITE IS ~0.47
MILES NORTHEAST OF LOOP 108.
(BROADWAY AVENUE)



MAP CENTER IS 29° 23' 05"N, 94° 45' 53"W
PROJECTION IS UTM ZONE 15 - WGS84 DATUM



DWG NAME:

VICINITY MAP

LAGUNA HARBOR TRANSIENT MARINA
LAGUNA HARBOR, LLC
PORT BOLIVAR, GALVESTON COUNTY, TEXAS

PRELIMINARY – FOR PERMIT
PURPOSES ONLY

BY:
CLI

DATE:
02/20/21

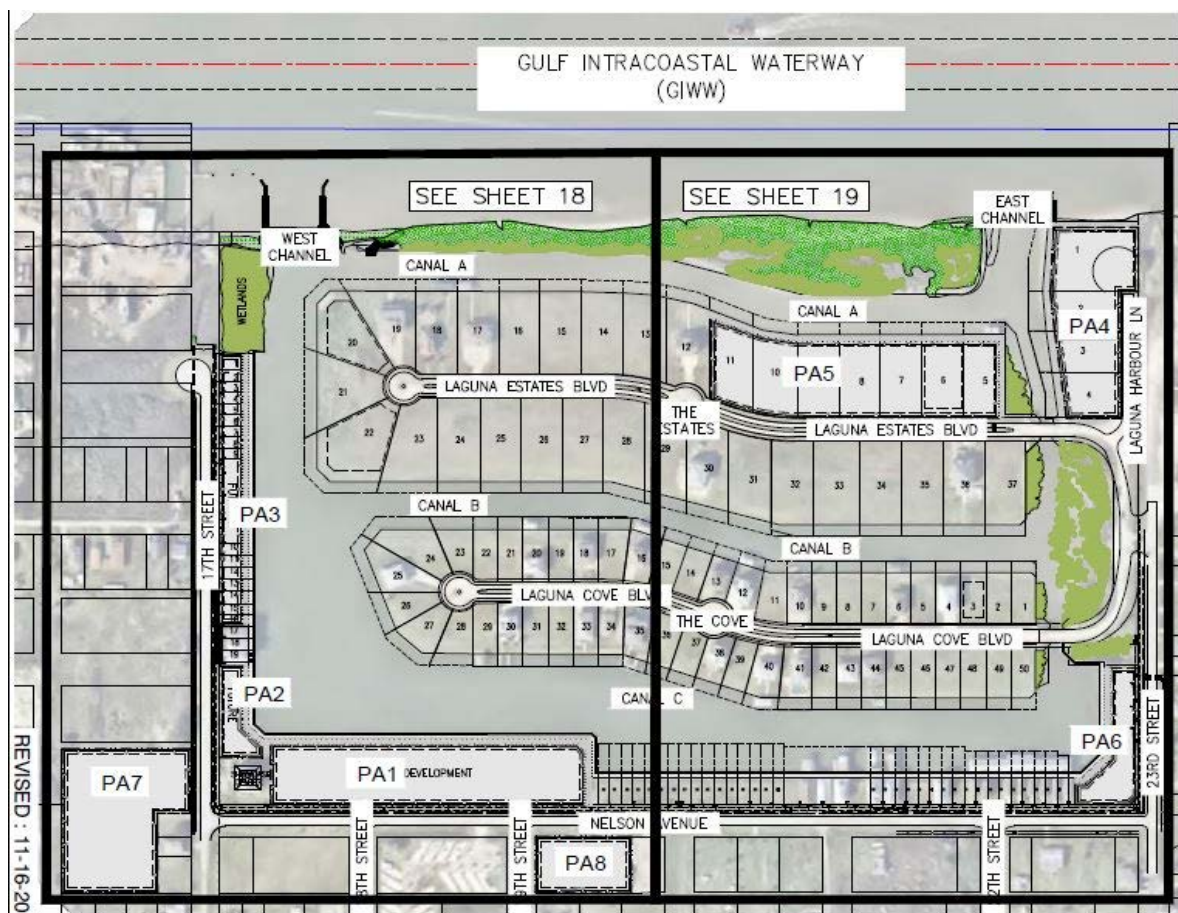
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SWG-2003-00921

SCALE:
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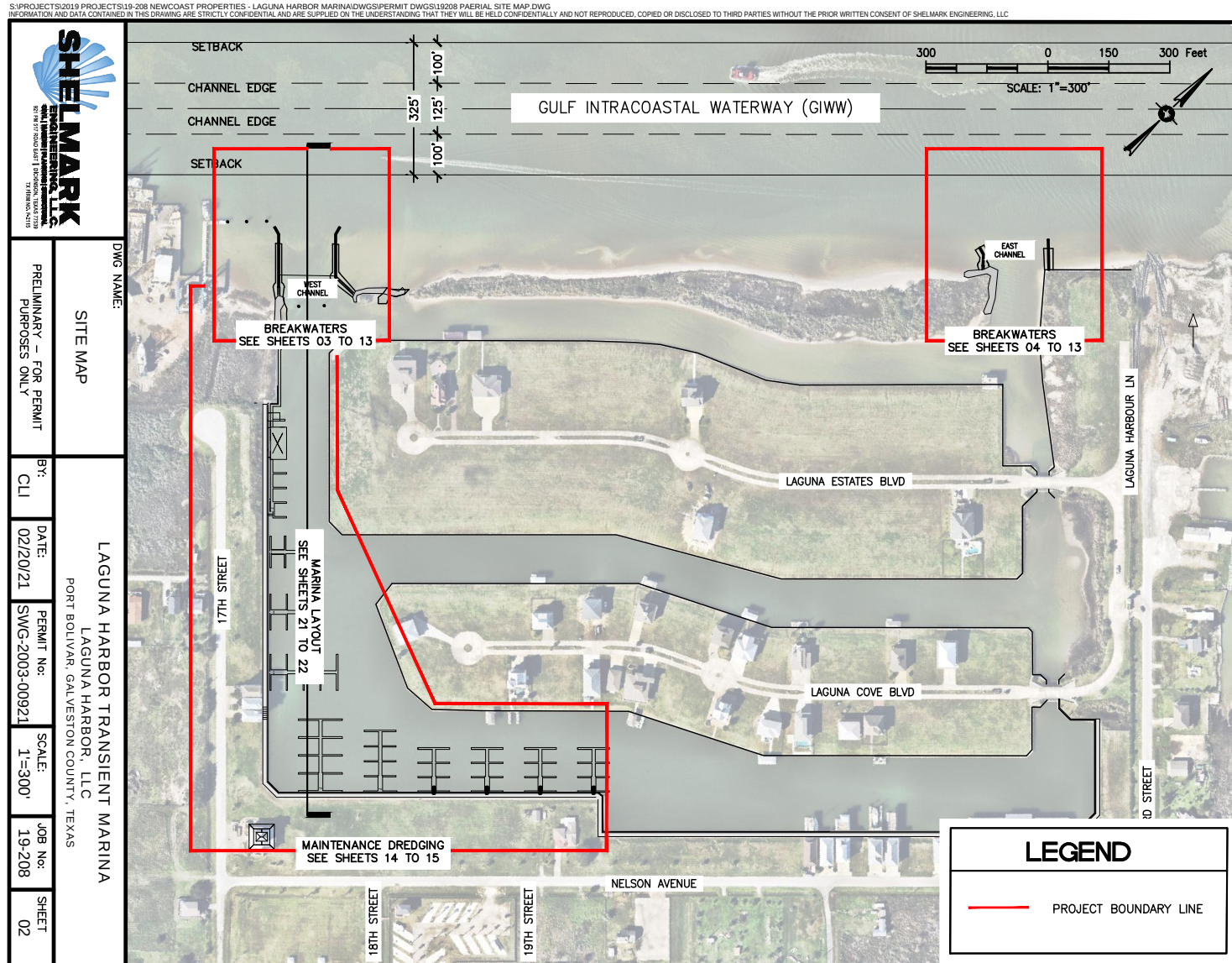
JOB No:
19-208

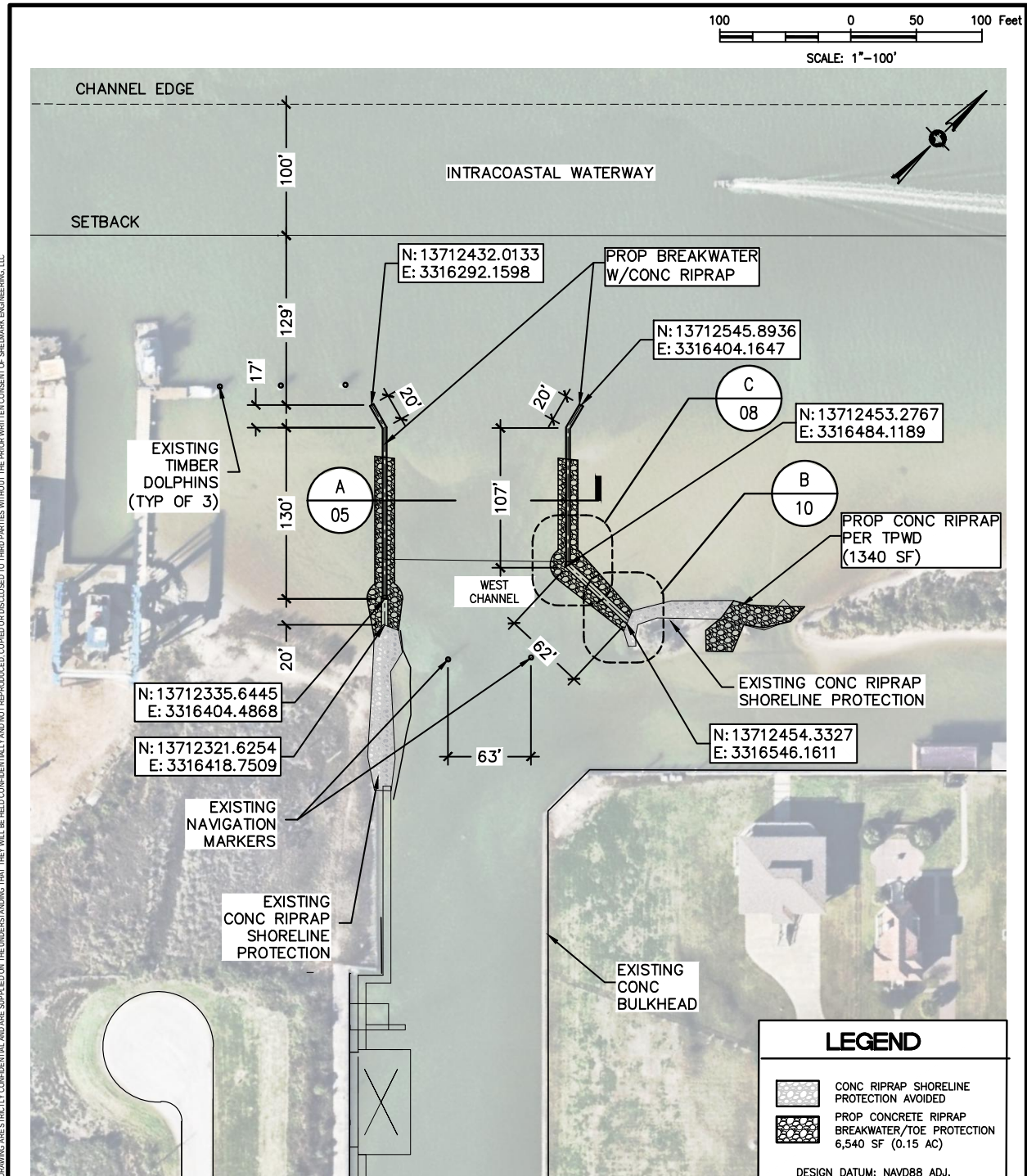
SHEET
01

Laguna Harbor – Placement Areas – Legend Map



The following photos of each placement area show that the areas selected to place the dredge spoils are all upland territory. PA's 1, 2, 3, 4, 5, and 6 are platted subdivision lots that are mowed with a zero-turn mower weekly during the growing season and every other week in the non-growing season. Furthermore, these 5 PA's were originally filled under Permit #23065 with the sand when the canals of Laguna Harbor were originally dug. PA's 7 and 8 are platted lots of the Port Bolivar Townsite that are approximately 7 feet above sea level and drain very well to the nearby ditch. They are mowed every few weeks, do not hold water, and have upland plants growing throughout them. We have selected these 8 Placement Areas to reduce the environmental impacts, to simplify the permit approval process, and to reduce the overall cost of this project.





S:\PROJECTS\2019 PROJECTS\19-208 NEWCOAST PROPERTIES - LAGUNA HARBOR MARINA\DWG\PERMIT DWG\SWM BREAKWATER SITE PLAN WEST CHANNEL.DWG
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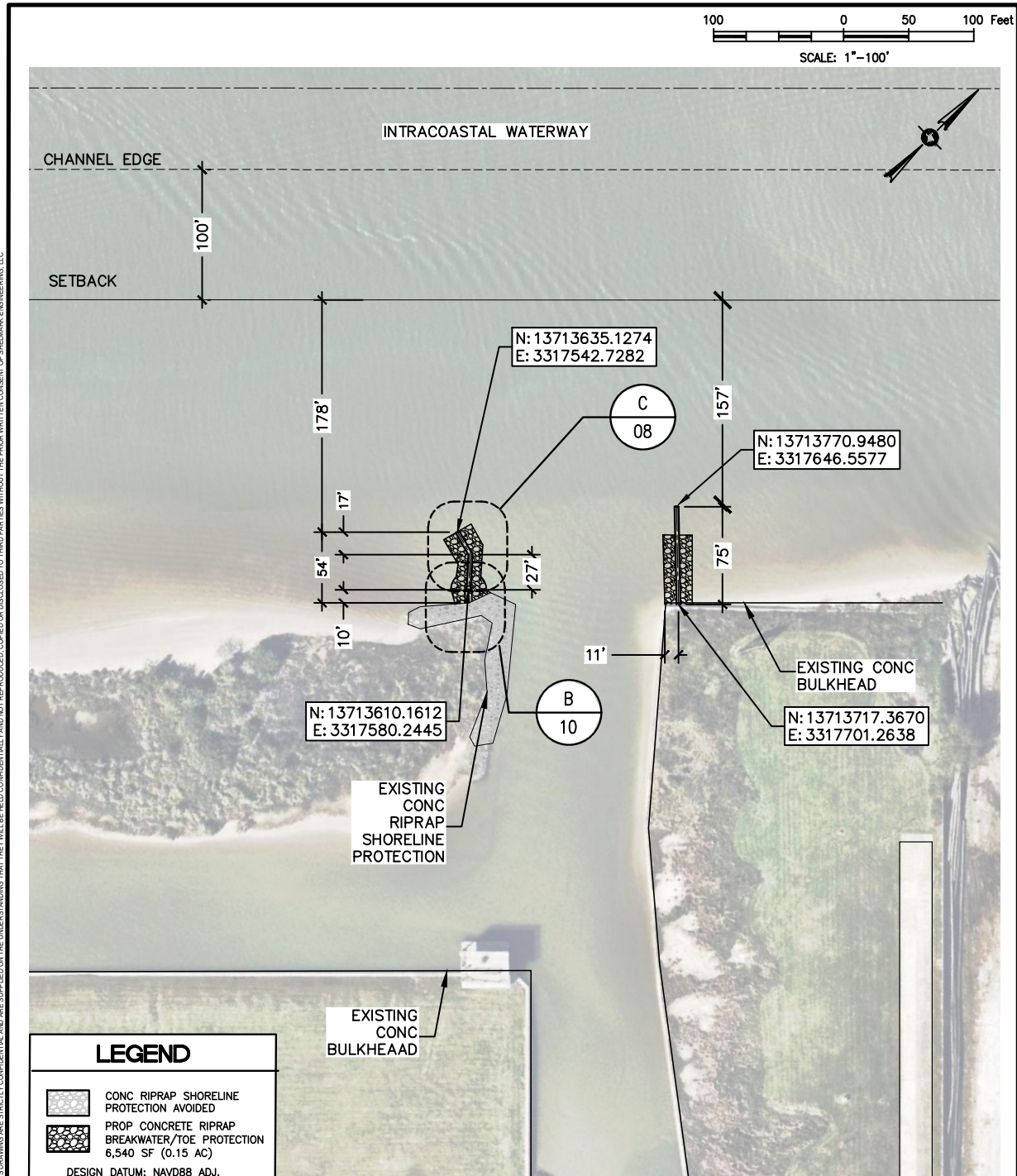


DWG NAME:
BREAKWATER SITE PLAN
WEST CHANNEL

PRELIMINARY - FOR PERMIT
PURPOSES ONLY

LAGUNA HARBOR TRANSIENT MARINA
LAGUNA HARBOR, LLC
PORT BOLIVAR, GALVESTON COUNTY, TEXAS

BY: CLI	DATE: 02/20/21	PERMIT No: SWG-2003-00921	SCALE: 1"=100'	JOB No: 19-208	SHEET 03
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S:\PROJECTS\2019 PROJECTS\19-208 NEWCOAST PROPERTIES - LAGUNA HARBOR MARINA\DWG\SPERMIT DWG\05 BREAKWATER SITE PLAN EAST CHANNEL.DWG
 INFORMATION DATA CONTAINED HEREIN IS UNCLASSIFIED AND IS NOT BEING RELEASED TO THE PUBLIC WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC



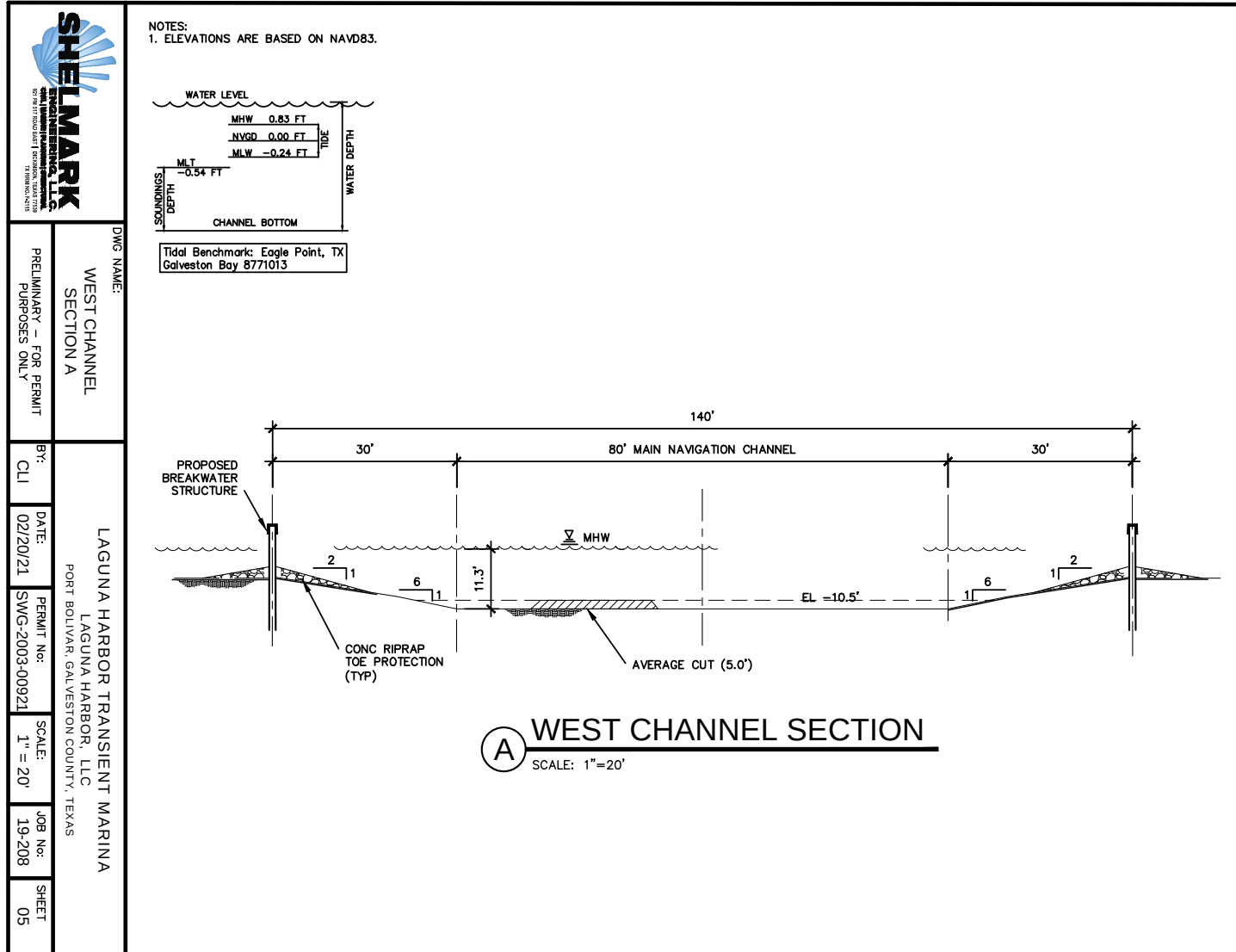
DWG NAME:
**BREAKWATER SITE PLAN
 EAST CHANNEL**

PRELIMINARY - FOR PERMIT
 PURPOSES ONLY

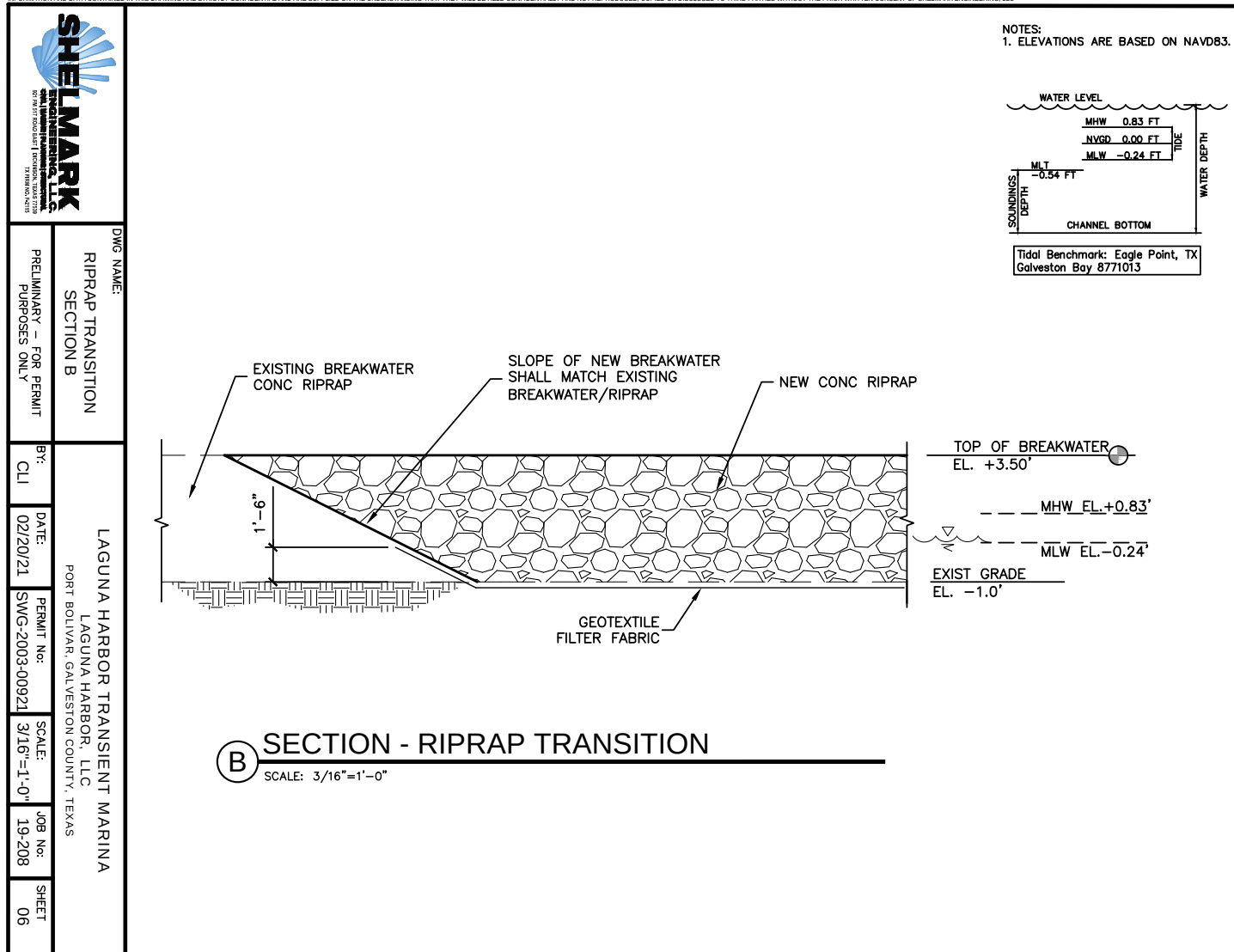
LAGUNA HARBOR TRANSIENT MARINA
 LAGUNA HARBOR, LLC
 PORT BOLIVAR, GALVESTON COUNTY, TEXAS

BY: CLI	DATE: 02/20/21	PERMIT No: SWG-2003-00921	SCALE: 1"=100'	JOB No: 19-208	SHEET 04
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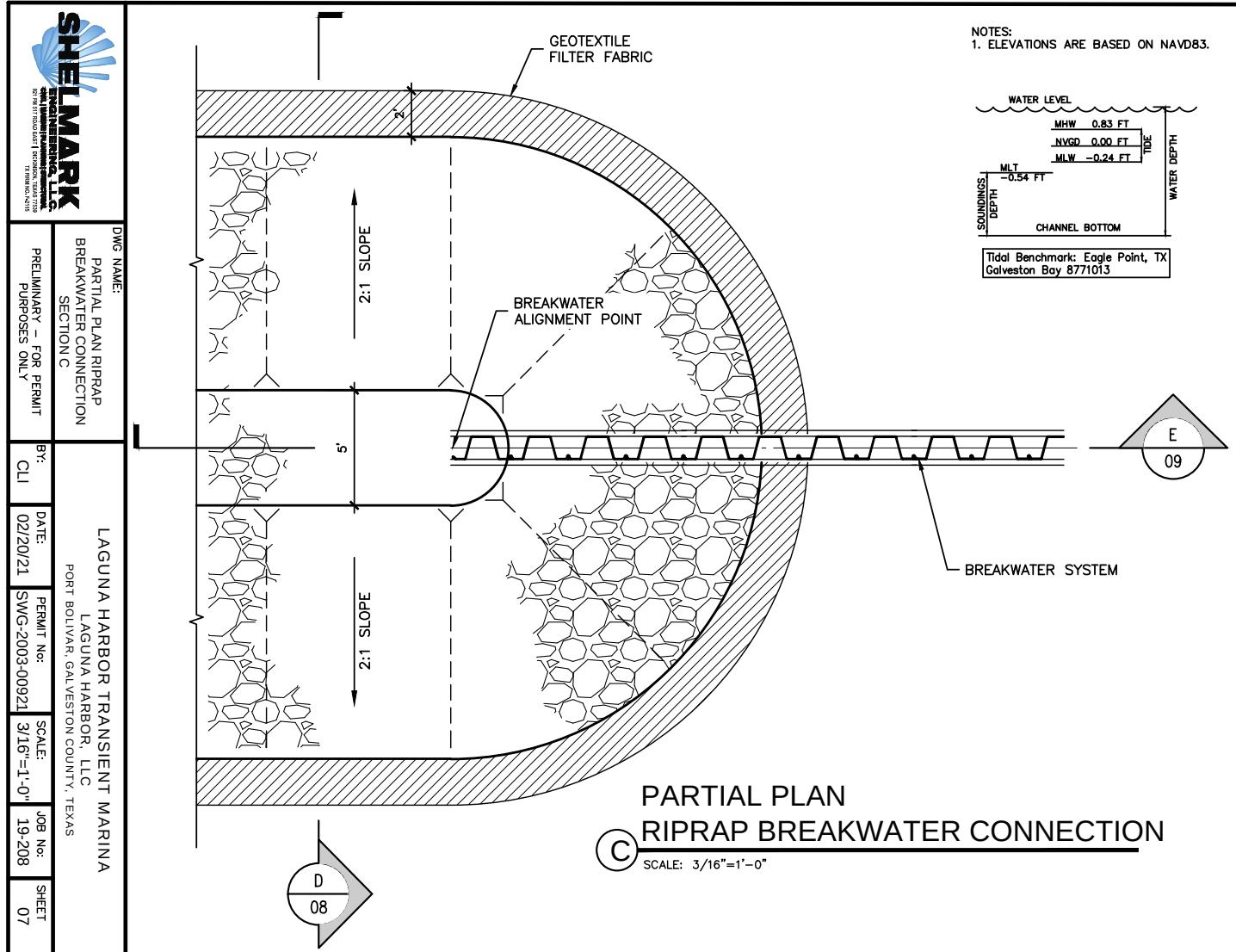
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 INFORMATION AND DATA CONTAINED IN THIS DRAWING ARE STRICTLY CONFIDENTIAL AND ARE SUPPLIED ON THE UNDERSTANDING THAT THEY WILL BE HELD CONFIDENTIALLY AND NOT REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC



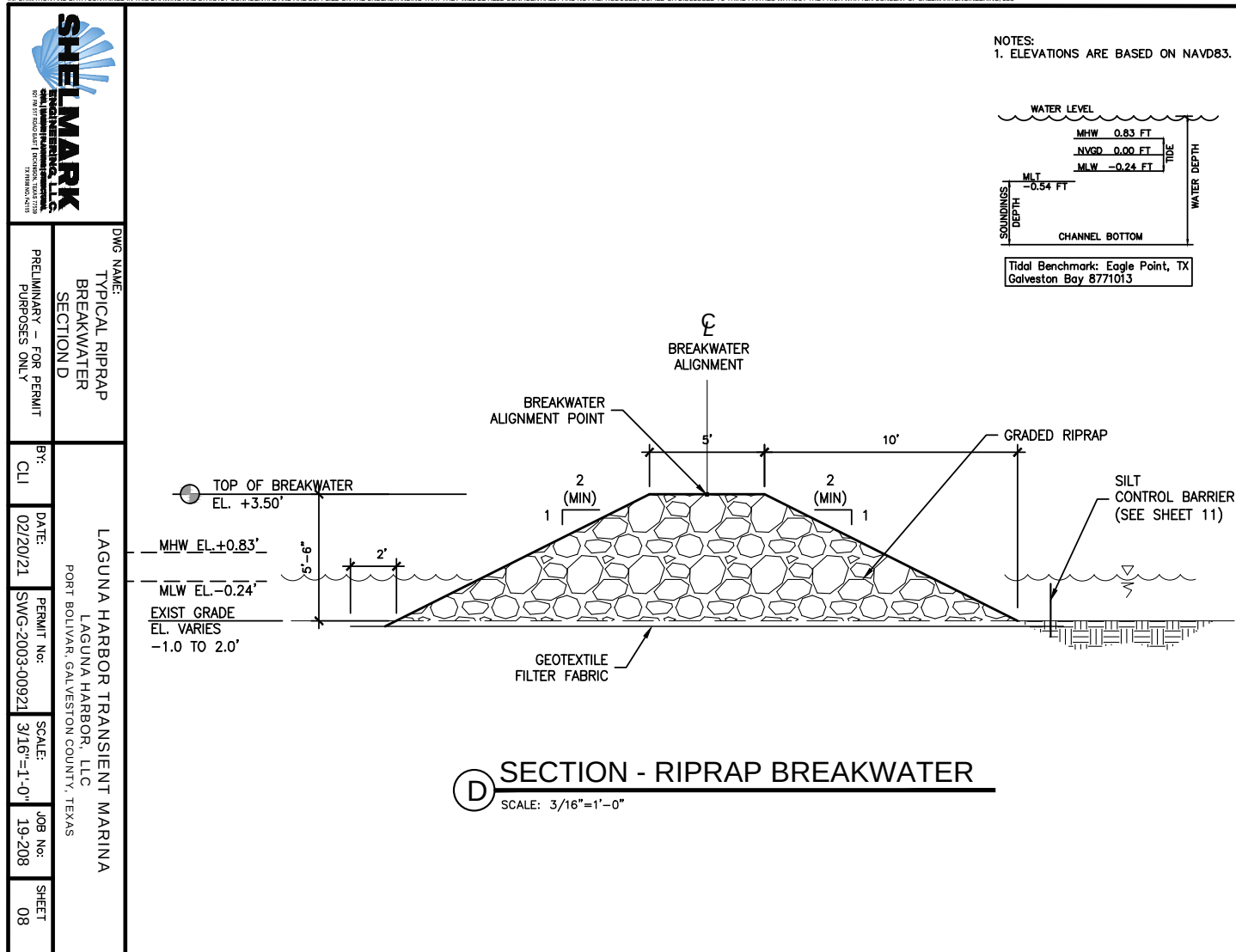
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INFORMATION AND DATA CONTAINED IN THIS DRAWING ARE STRICTLY CONFIDENTIAL AND ARE SUPPLIED ON THE UNDERSTANDING THAT THEY WILL BE HELD CONFIDENTIALLY AND NOT REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC



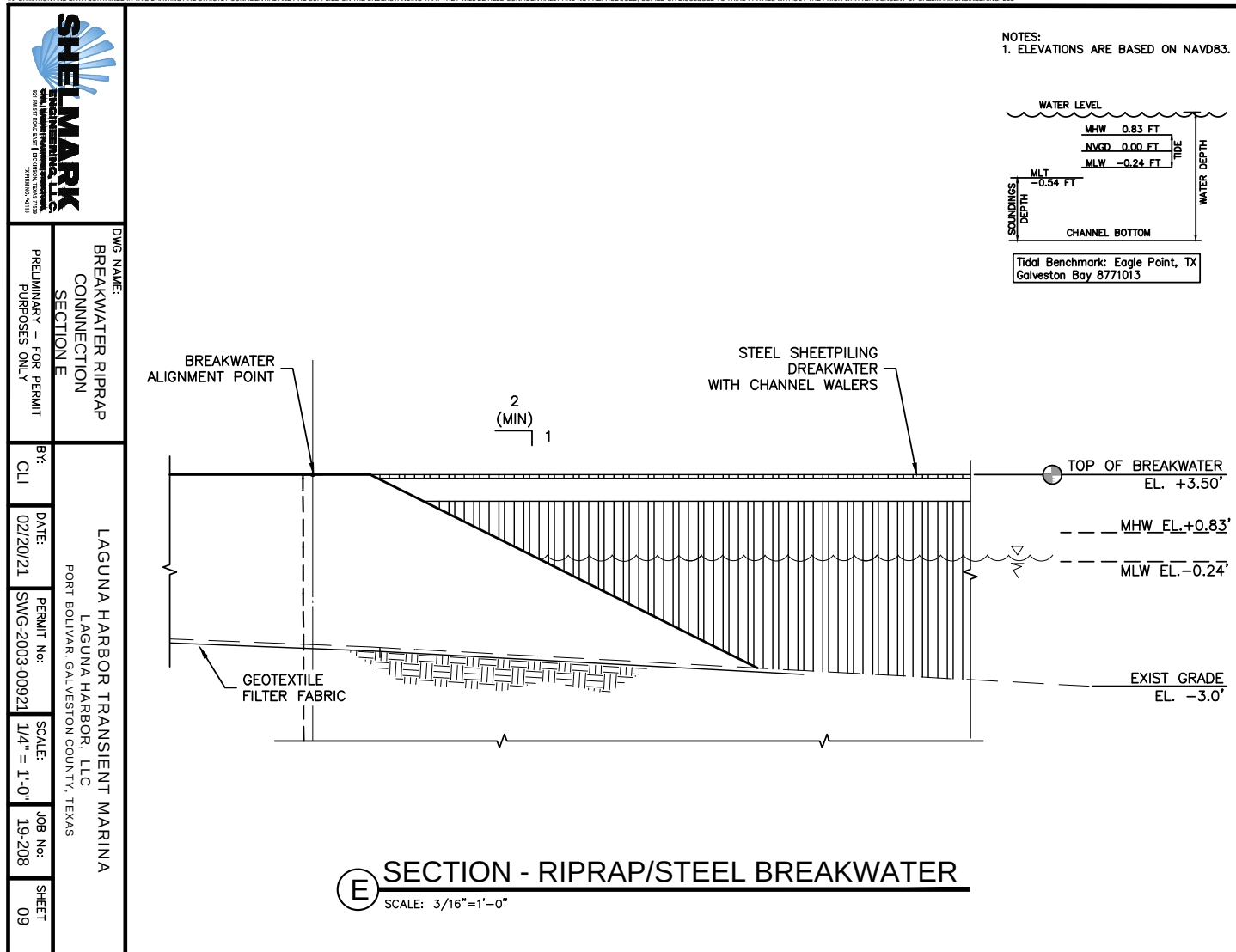
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INFORMATION AND DATA CONTAINED IN THIS DRAWING ARE STRICTLY CONFIDENTIAL AND ARE SUPPLIED ON THE UNDERSTANDING THAT THEY WILL BE HELD CONFIDENTIALLY AND NOT REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC



S:\PROJECTS\2019 PROJECTS\19-208 NEWCOAST PROPERTIES - LAGUNA HARBOR MARINA\DWGS\PERMIT DWGS\08 TYPICAL RIPRAP BREAKWATER SECTION.DWG
INFORMATION AND DATA CONTAINED IN THIS DRAWING ARE STRICTLY CONFIDENTIAL AND ARE SUPPLIED ON THE UNDERSTANDING THAT THEY WILL BE HELD CONFIDENTIALLY AND NOT REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC

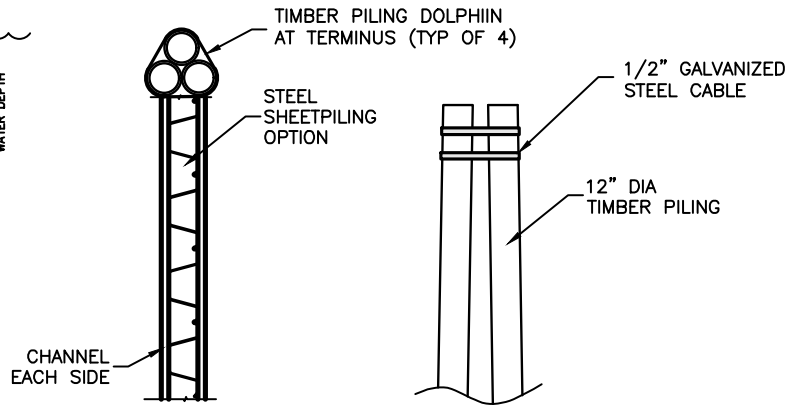
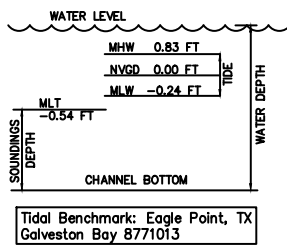


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INFORMATION AND DATA CONTAINED IN THIS DRAWING ARE STRICTLY CONFIDENTIAL AND ARE SUPPLIED ON THE UNDERSTANDING THAT THEY WILL BE HELD CONFIDENTIALLY AND NOT REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC



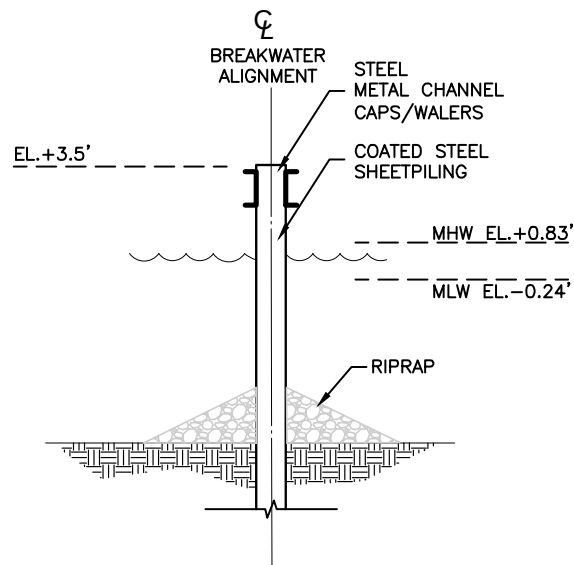
NOTES:

1. ELEVATIONS ARE BASED ON NAVD83.



PARTIAL PLAN - BREAKWATER

SCALE: 3/16"=1'-0"



SECTION - BREAKWATER

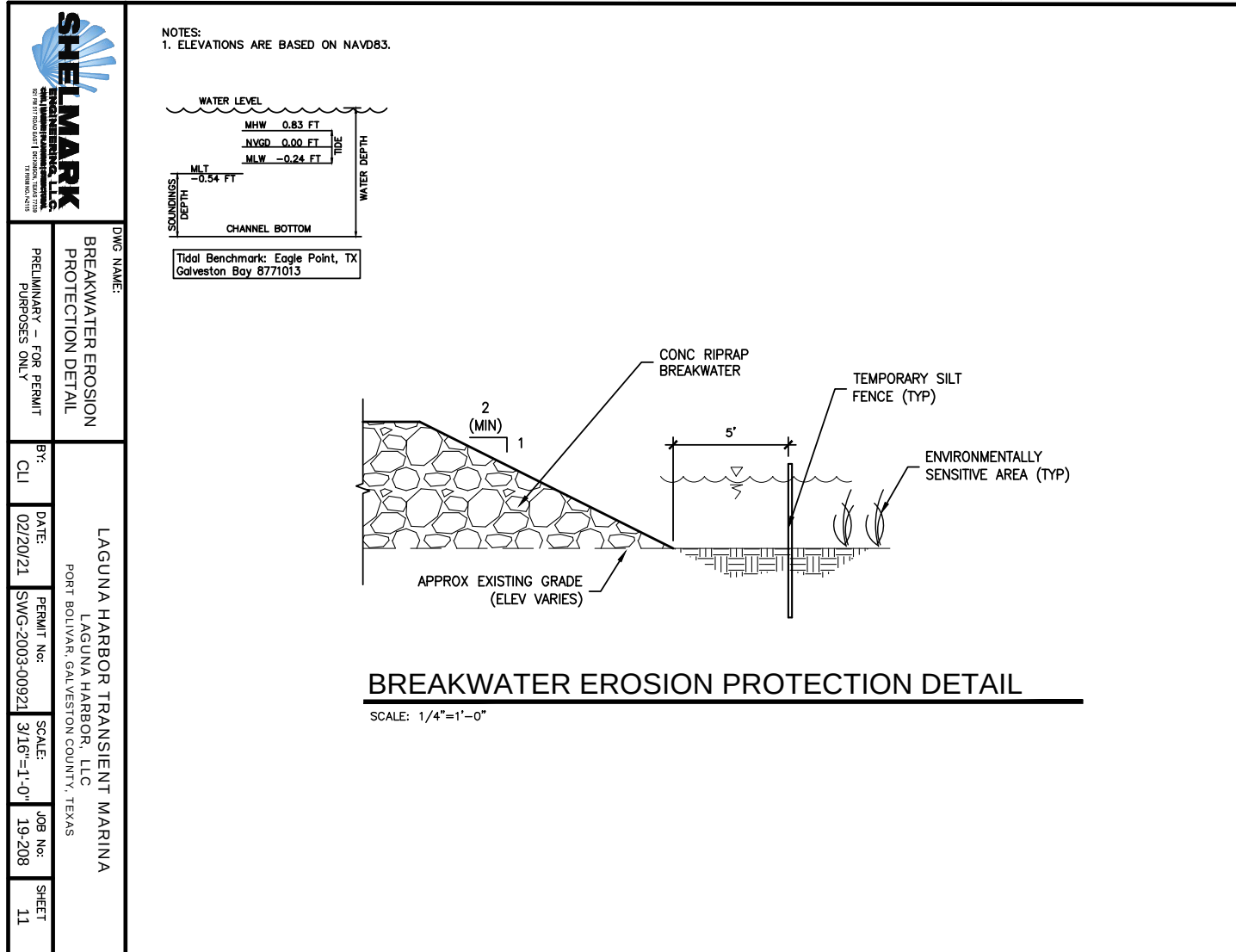
SCALE: 3/16"=1'-0"

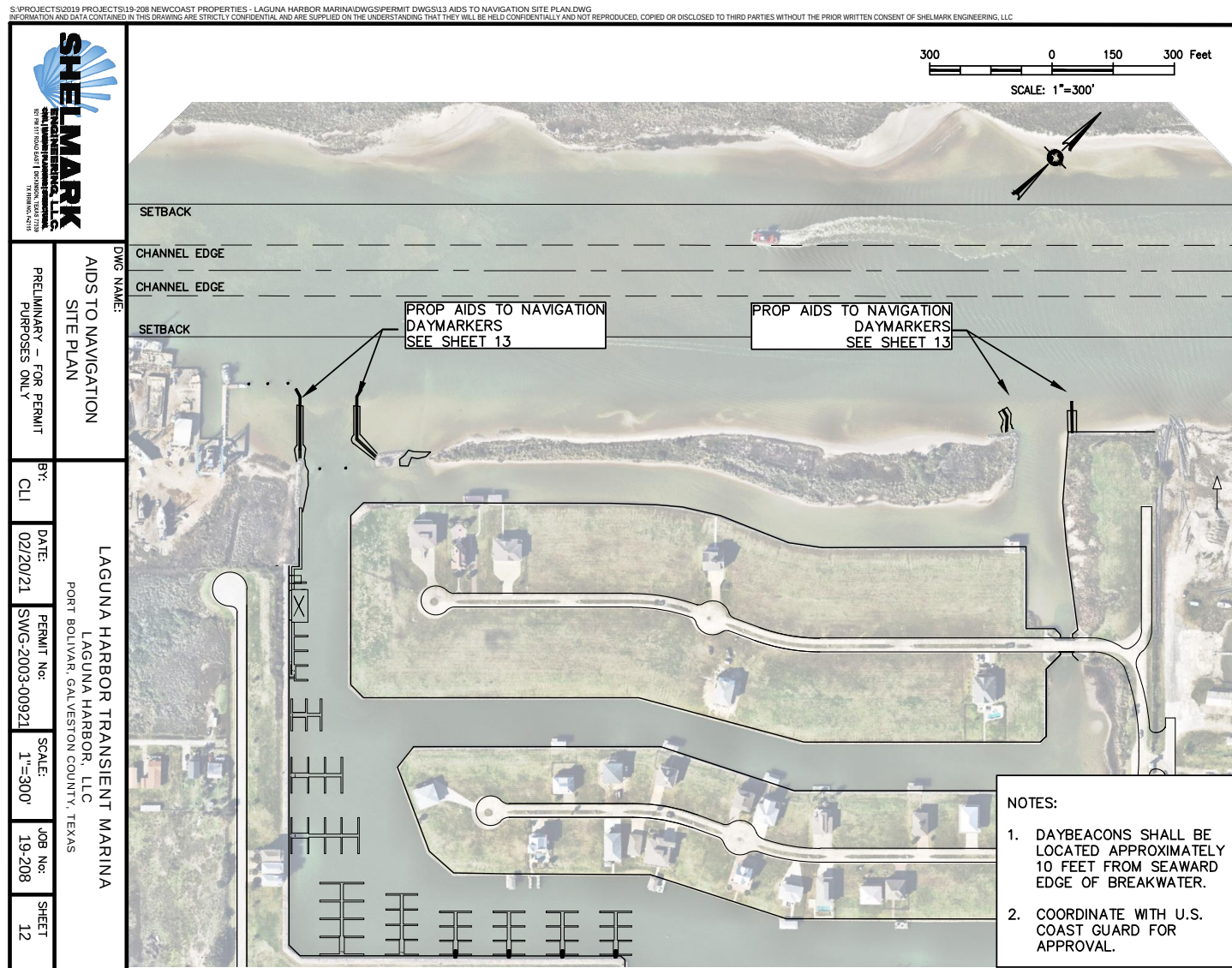


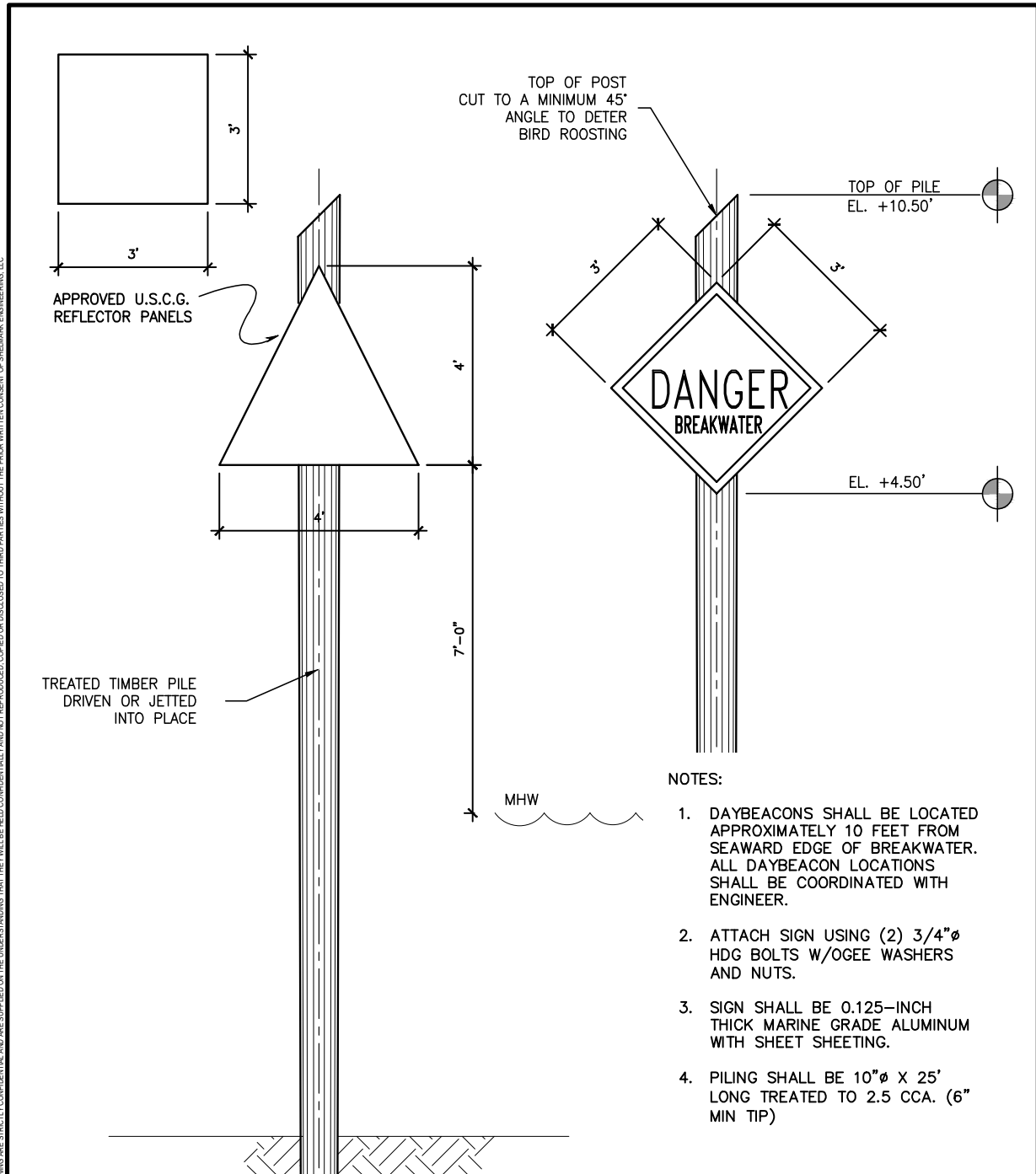
DWG NAME:

TYPICAL BREAKWATER
DETAILLAGUNA HARBOR TRANSIENT MARINA
LAGUNA HARBOR, LLC
PORT BOLIVAR, GALVESTON COUNTY, TEXASPRELIMINARY - FOR PERMIT
PURPOSES ONLYBY:
CLIDATE:
02/20/21PERMIT No:
SWG-2003-00921SCALE:
N.T.S.JOB No:
19-208SHEET
10

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INFORMATION AND DATA CONTAINED IN THIS DRAWING ARE STRICTLY CONFIDENTIAL AND ARE SUPPLIED ON THE UNDERSTANDING THAT THEY WILL BE HELD CONFIDENTIALLY AND NOT REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC







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 SHELMARK ENGINEERING, LLC
 CIVIL / MARINE / PLANNING / STRUCTURAL
 921 FM 517 ROAD EAST | DICKINSON, TEXAS 77520
 TEL: 409.241.1234 FAX: 409.241.1235



DWG NAME:

DAYMARKER DETAILS

LAGUNA HARBOR TRANSIENT MARINA
 LAGUNA HARBOR, LLC
 PORT BOLIVAR, GALVESTON COUNTY, TEXAS

PRELIMINARY - FOR PERMIT
 PURPOSES ONLY

BY:
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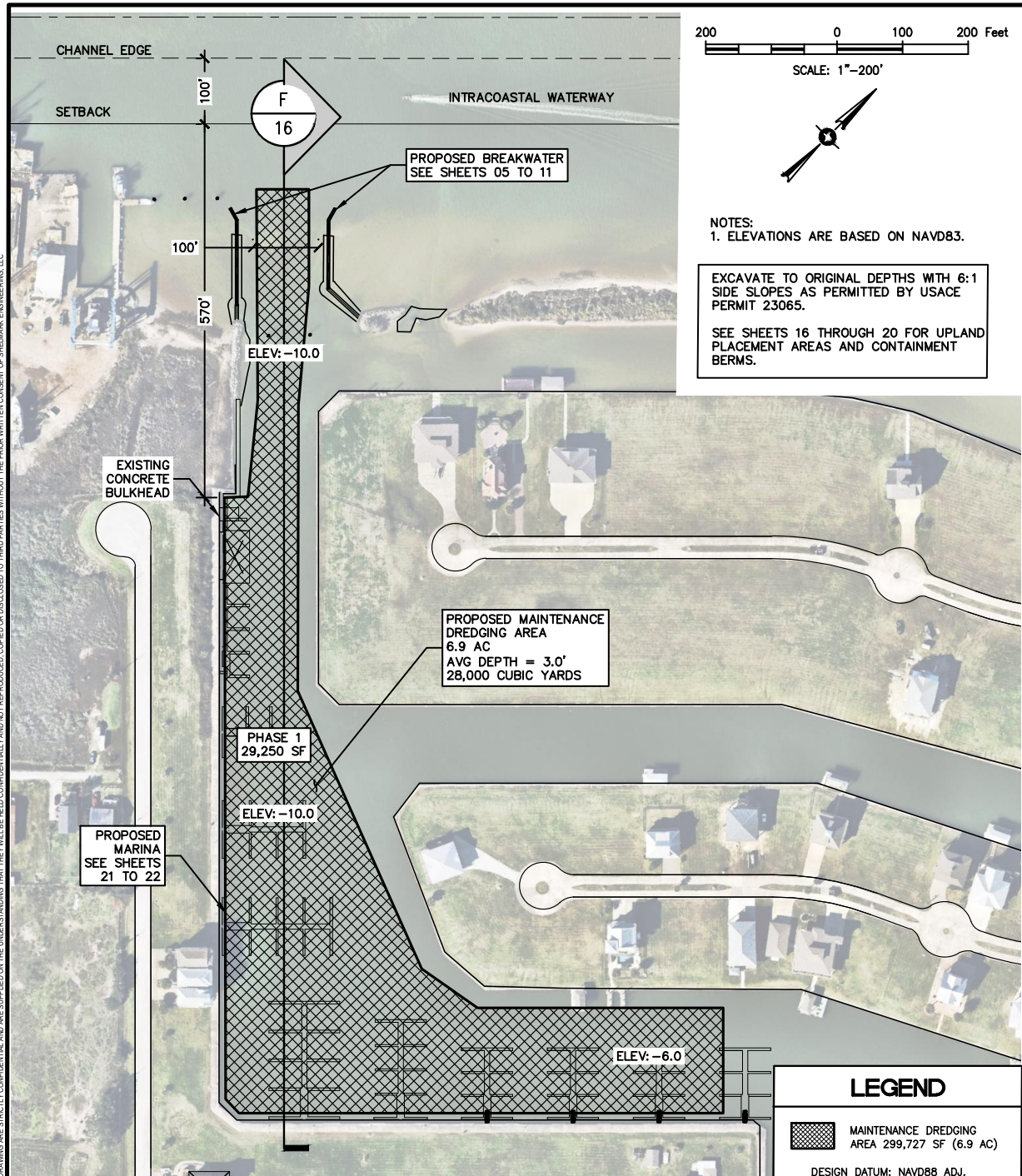
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 02/20/21

PERMIT No:
 SWG-2003-00921

SCALE:
 3/8"=1'-0"

JOB No:
 19-208

SHEET
 13



S:\PROJECTS\2019 PROJECTS\19-208 NEWCAST PROPERTIES - LAGUNA HARBOR MARINA\DWG\SPERMIT DWG\15 MAINTENANCE DREDGING SITE PLAN.DWG
DRAWN BY: J. GARDNER
CHECKED BY: J. GARDNER
DATE: 02/20/21
SCALE: 1"=200'
SHEET: 14



DWG NAME:
**MAINTENANCE DREDGING
SITE PLAN**

LAGUNA HARBOR TRANSIENT MARINA
LAGUNA HARBOR, LLC
PORT BOLIVAR, GALVESTON COUNTY, TEXAS

PRELIMINARY - FOR PERMIT
PURPOSES ONLY

BY:
CLI

DATE:
02/20/21

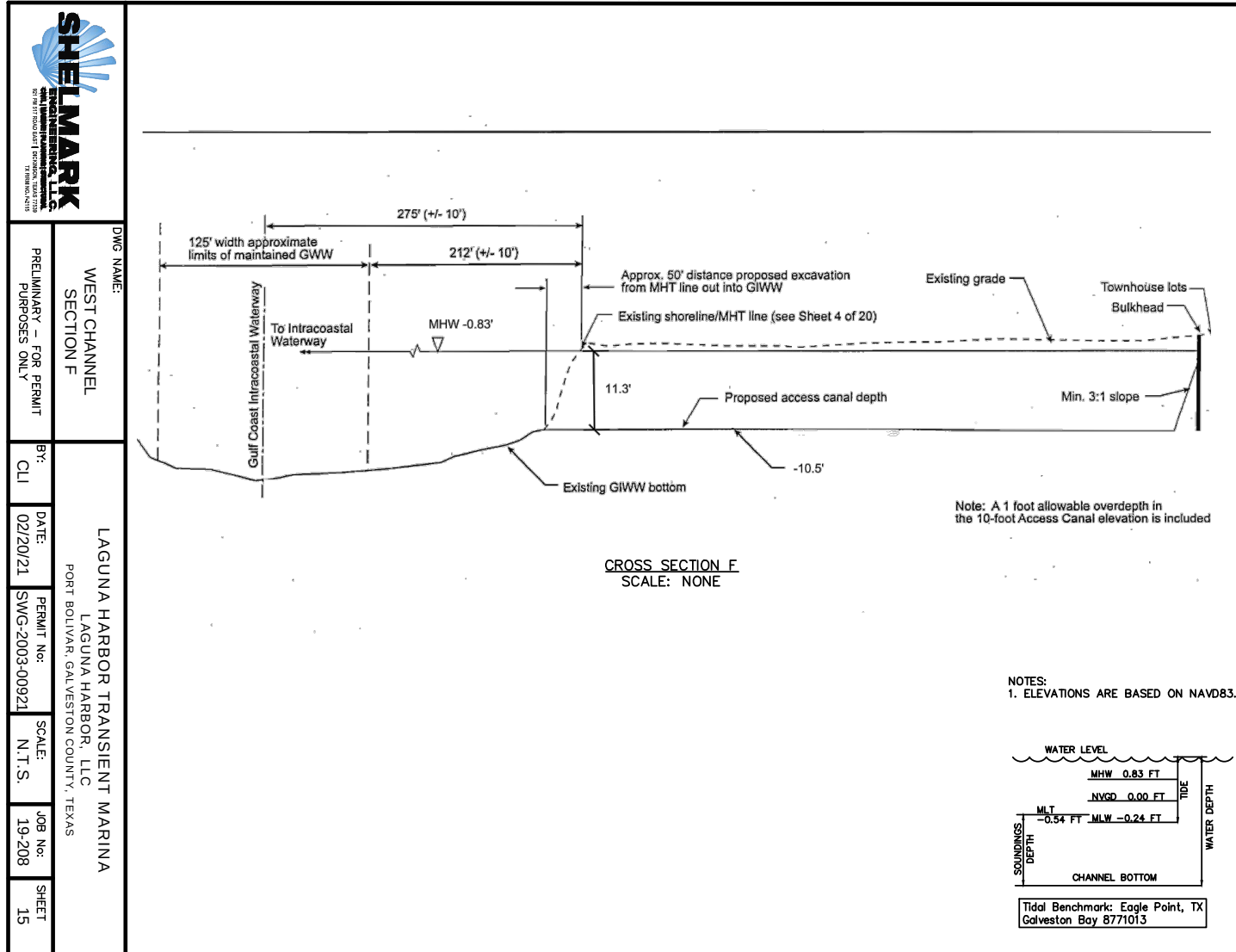
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1" = 200'

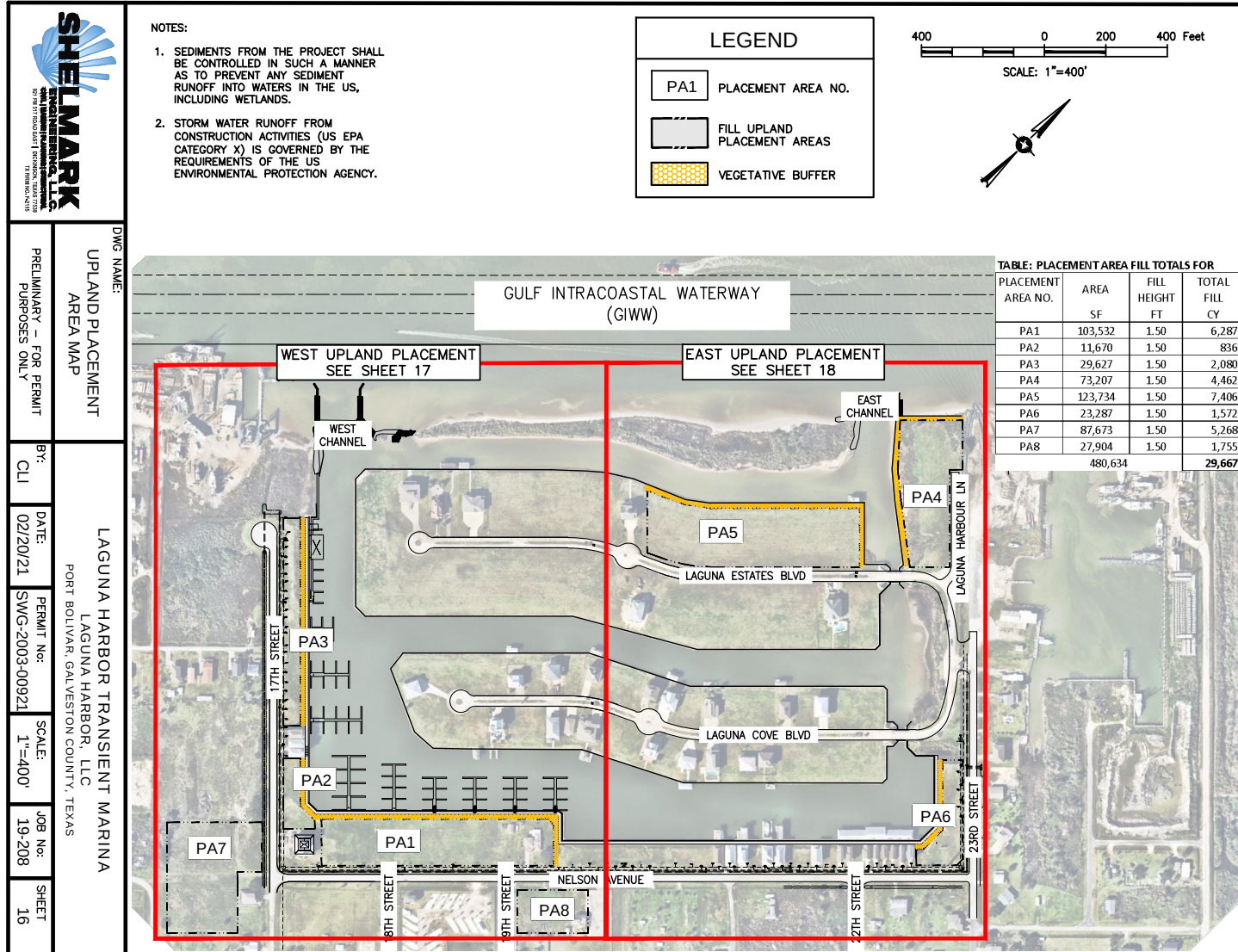
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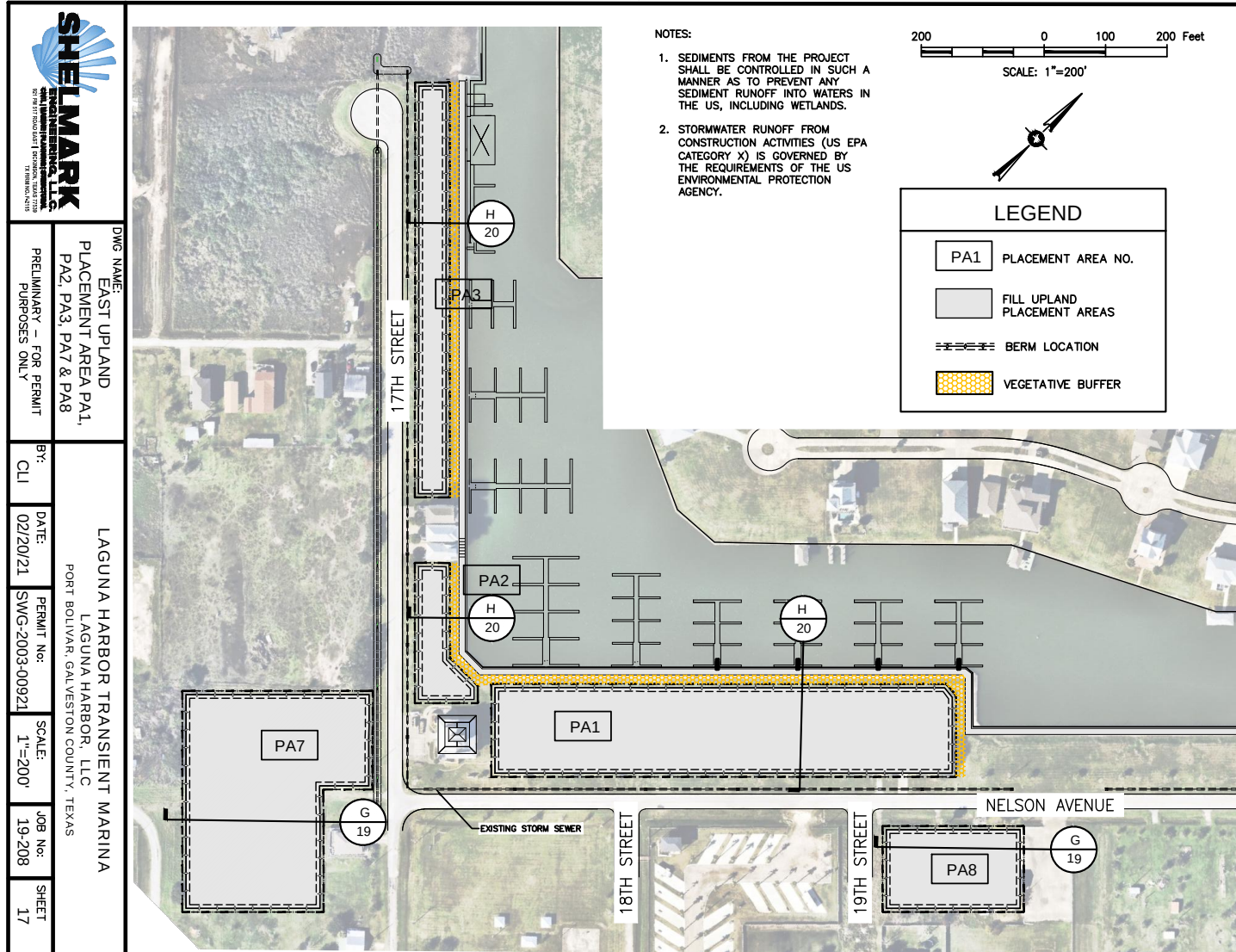
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INFORMATION AND DATA CONTAINED IN THIS DRAWING ARE STRICTLY CONFIDENTIAL AND ARE SUPPLIED ON THE UNDERSTANDING THAT THEY WILL BE HELD CONFIDENTIALLY AND NOT REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC



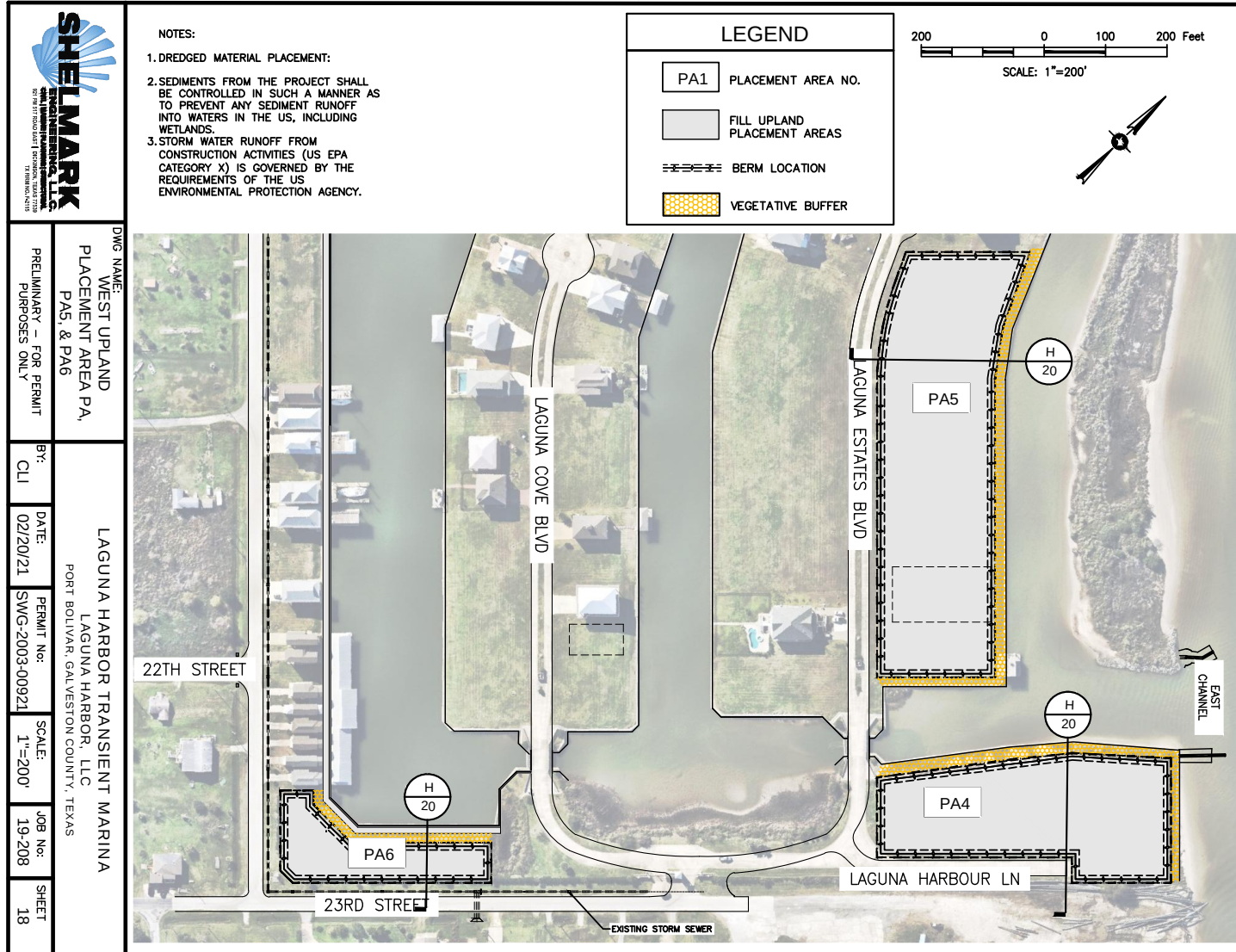
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INFORMATION AND DATA CONTAINED IN THIS DRAWING ARE STRICTLY CONFIDENTIAL AND ARE SUPPLIED ON THE UNDERSTANDING THAT THEY WILL BE HELD CONFIDENTIALLY AND NOT REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC



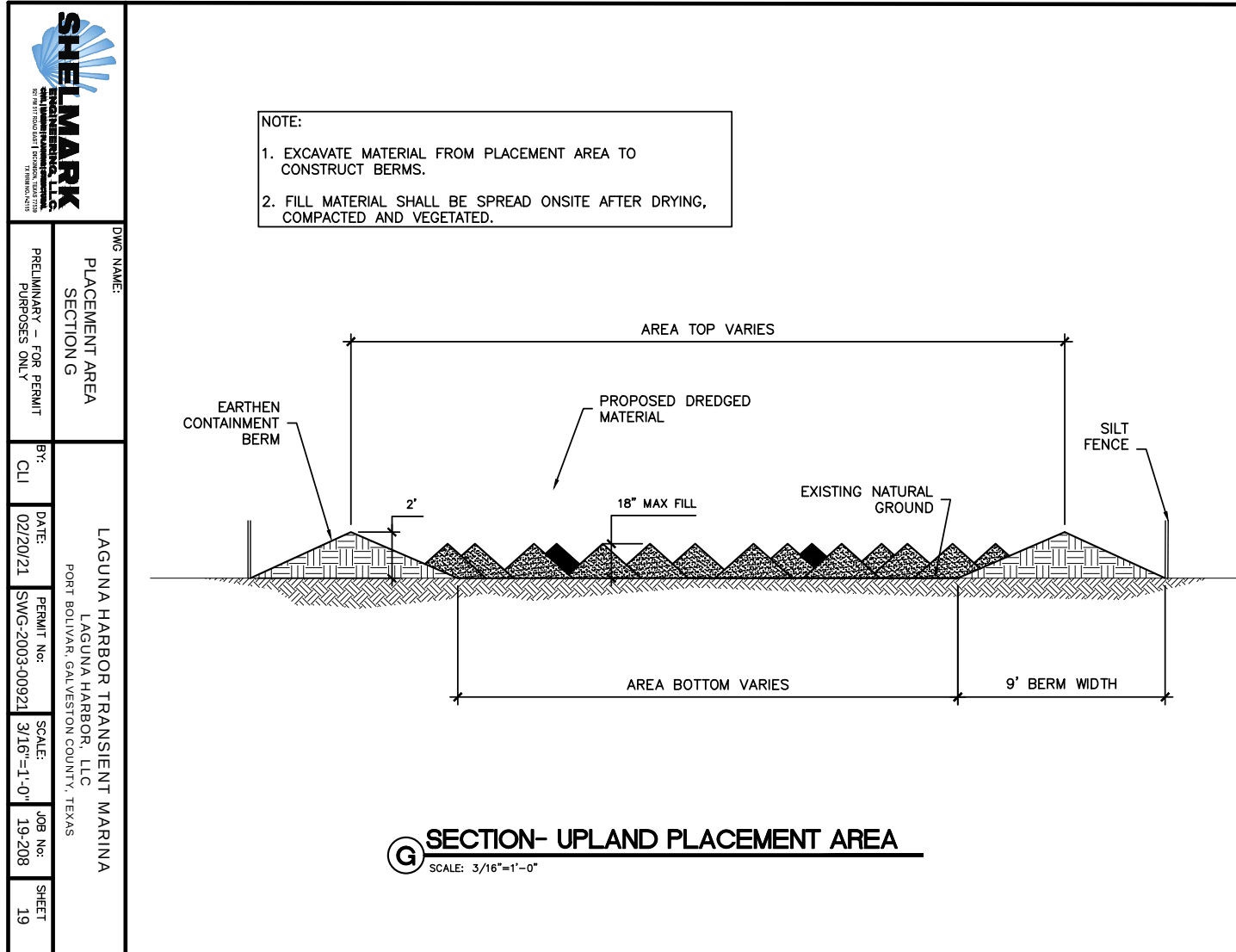
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INFORMATION AND DATA CONTAINED IN THIS DRAWING ARE STRICTLY CONFIDENTIAL AND ARE SUPPLIED ON THE UNDERSTANDING THAT THEY WILL BE HELD CONFIDENTIALLY AND NOT REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC



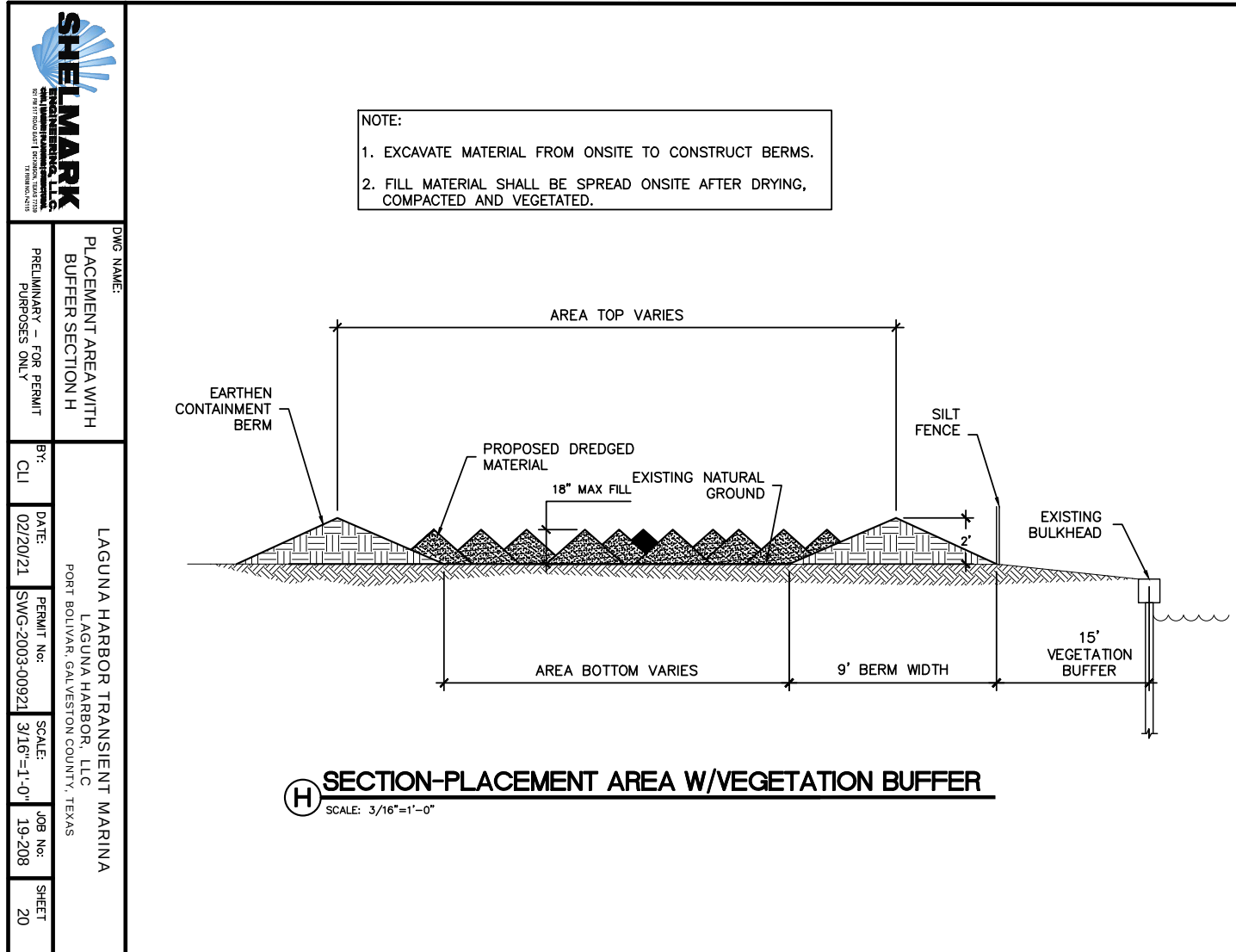
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INFORMATION AND DATA CONTAINED IN THIS DRAWING ARE STRICTLY CONFIDENTIAL AND ARE SUPPLIED ON THE UNDERSTANDING THAT THEY WILL BE HELD CONFIDENTIALLY AND NOT REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC



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INFORMATION AND DATA CONTAINED IN THIS DRAWING ARE STRICTLY CONFIDENTIAL AND ARE SUPPLIED ON THE UNDERSTANDING THAT THEY WILL BE HELD CONFIDENTIALLY AND NOT REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC

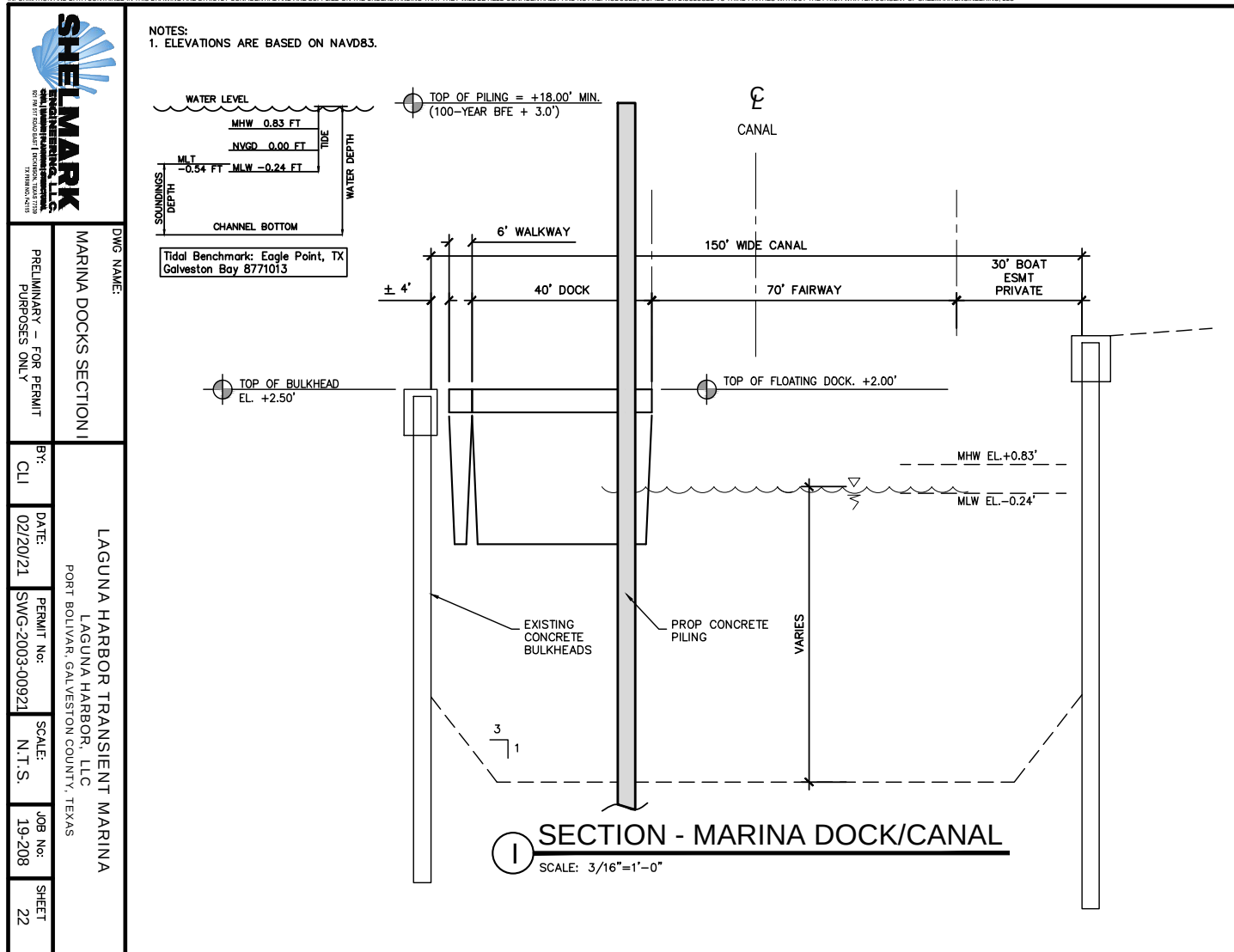


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INFORMATION AND DATA CONTAINED IN THIS DRAWING ARE STRICTLY CONFIDENTIAL AND ARE SUPPLIED ON THE UNDERSTANDING THAT THEY WILL BE HELD CONFIDENTIALLY AND NOT REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SHELMARK ENGINEERING, LLC





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Placement Area #1



Placement Area #2



Placement Area #3



Placement Area #4



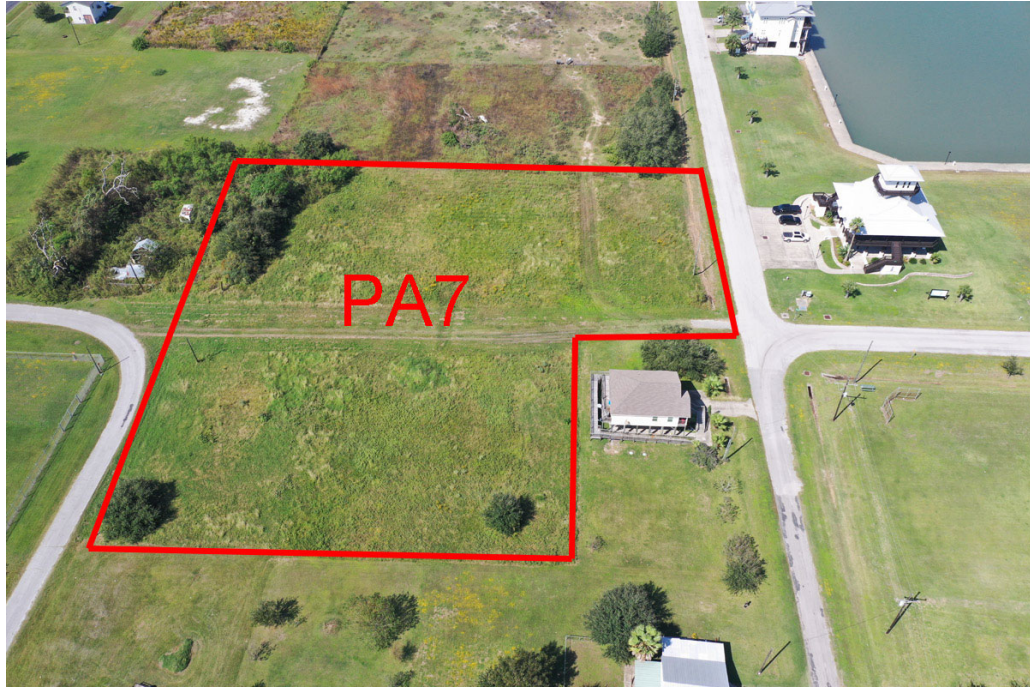
Placement Area #5



Placement Area #6



Placement Area #7



Placement Area #8



