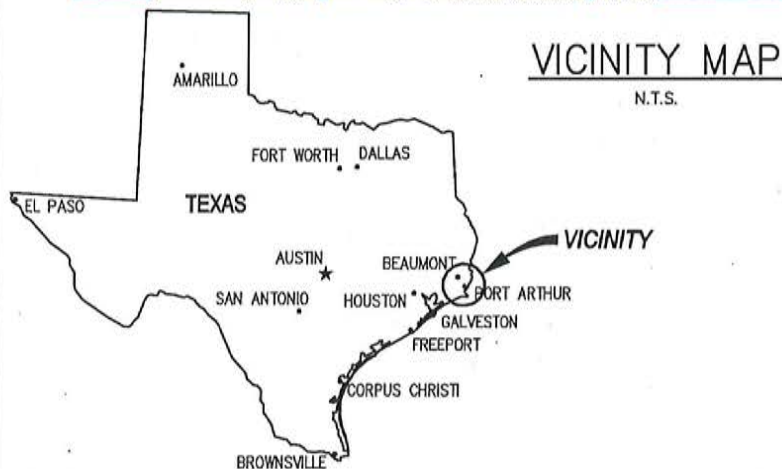


GULF COPPER & MANUFACTURING CORPORATION

PERMIT MODIFICATION

PORT ARTHUR, TEXAS



29°54'56" N
93°53'21" W

AREA MAP



LANIER & ASSOCIATES
CONSULTING ENGINEERS
INCORPORATED
F-2981
NEW ORLEANS, LA BEAUMONT, TX

GULF COPPER & MANUFACTURING CORPORATION
PORT ARTHUR TEXAS

DREDGE PERMIT MODIFICATION
VICINITY MAP
AREA MAP

10591-P1

DATE FEB '20
DESIGN JES
DRAWN PJC
CHECK DLC
CONTRACT 10591
SHEET No.

1 OF 9

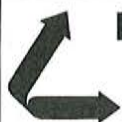


EXISTING SITE PLAN

SCALE: 1" = 500'
DISTANCE IN FEET
0 125 250 375 500

29°54'56" N
93°53'21" W

10591-P2

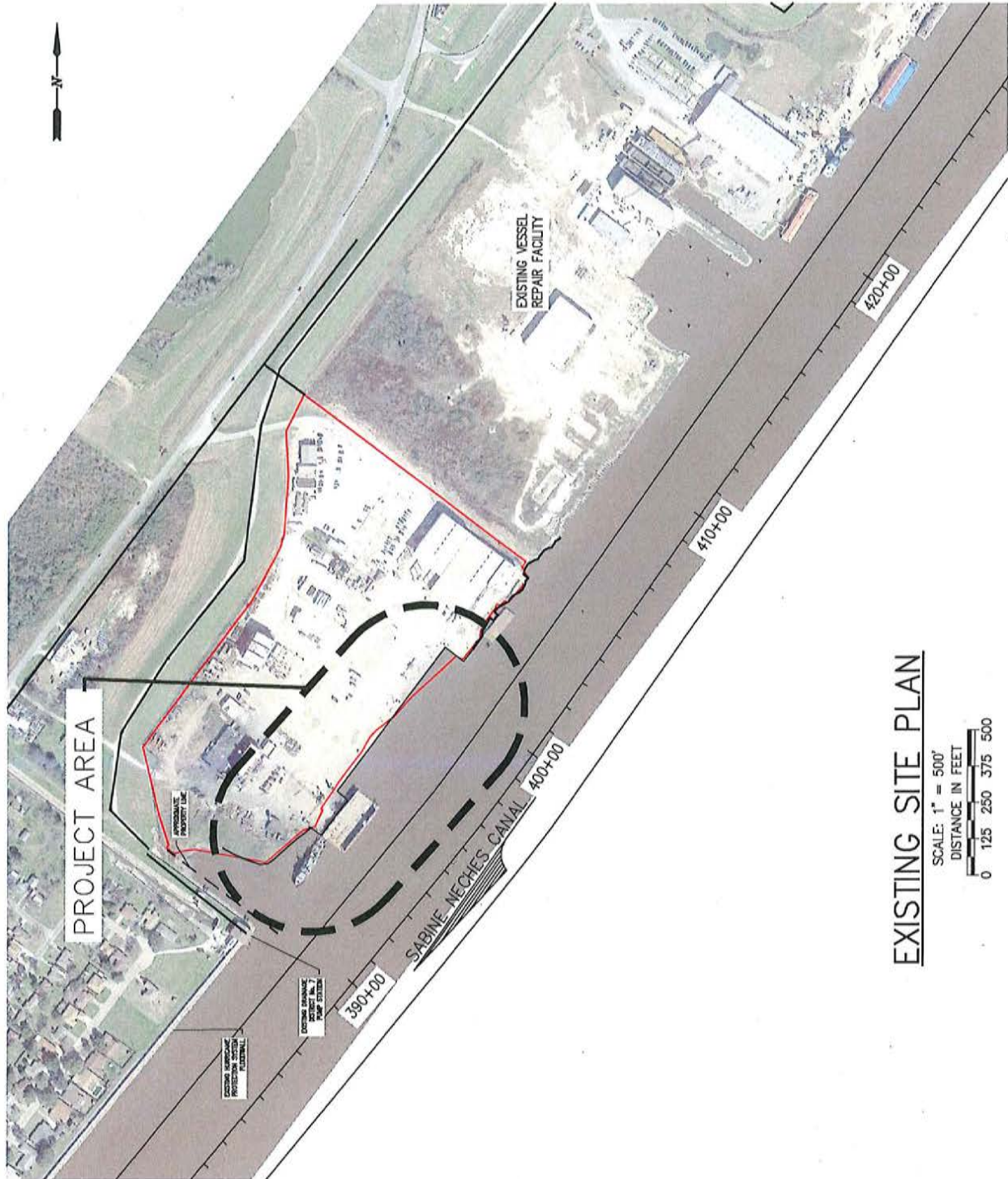


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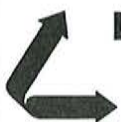
**DREDGE PERMIT MODIFICATION
VICINITY MAP
EXISTING SITE PLAN**

DATE FEB '20
DESIGN JES
DRAWN PJC
CHECK DLC
CONTRACT 10591
SHEET No.
2 OF 9



29°54'56" N
93°53'21" W

10591-P3

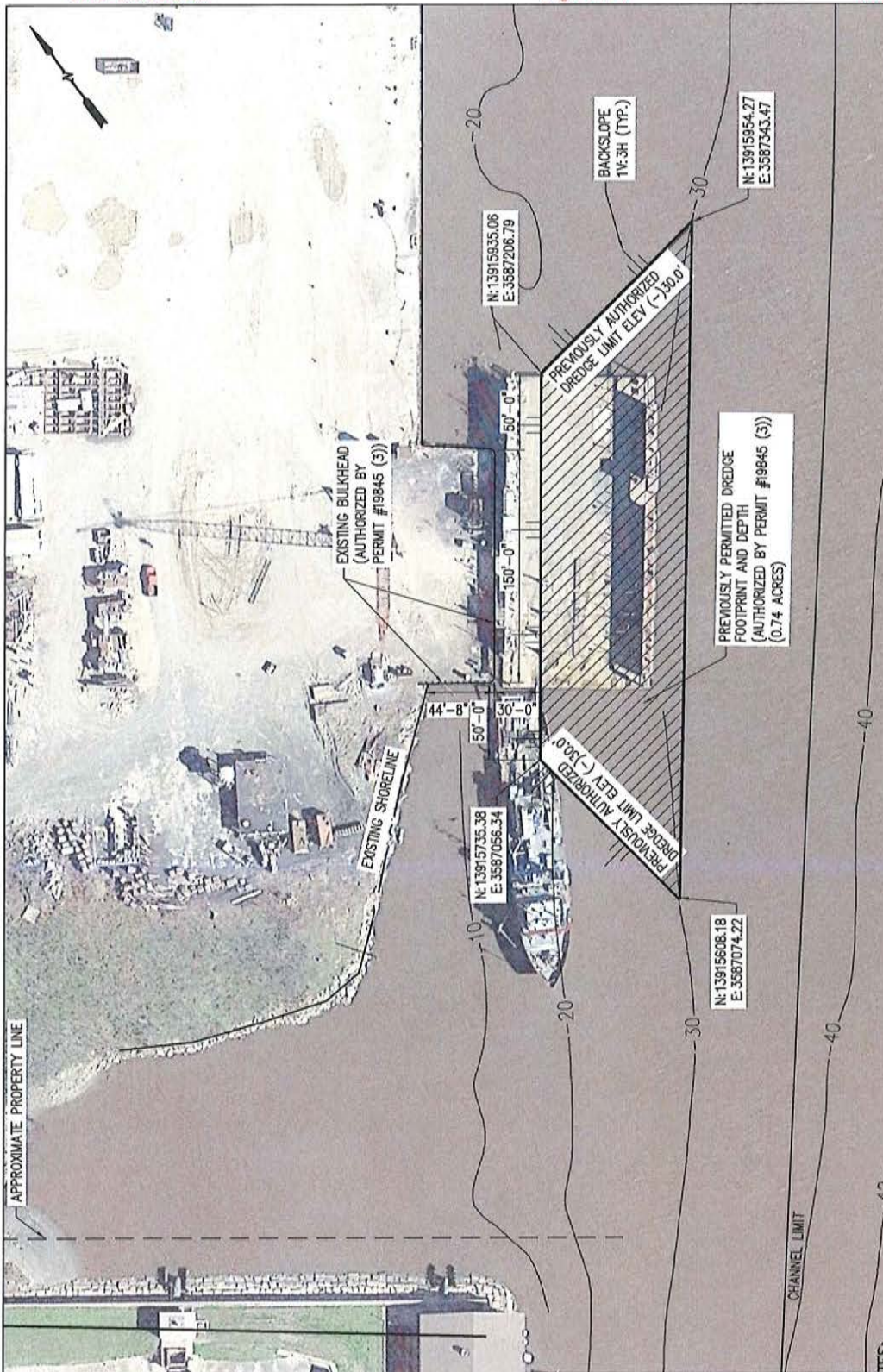


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**DREDGE PERMIT MODIFICATION
VICINITY MAP
EXISTING SITE PLAN**

DATE FEB '20
DESIGN JES
DRAWN PJC
CHECK DLC
CONTRACT 10591
SHEET No.
3 OF 9



ENLARGED EXISTING SITE PLAN



NOTES:

1. HYDROGRAPHIC SURVEY PERFORMED BY LANIER & ASSOCIATES ON 12 MARCH 2018.
2. HYDROGRAPHIC SURVEY WAS PERFORMED UTILIZING ELECTRONIC POSITIONING AND DEPTH EQUIPMENT.
3. HORIZONTAL DATUM REFERENCED TO TEXAS STATE PLANE (SOUTH CENTRAL) NAD 83.
4. ALL ELEVATIONS ARE EXPRESSED IN FEET AND TENTHS AND ARE REFERENCED TO MEAN LOWER LOW WATER (M.L.L.W.) DATUM.
5. DATUM FOR THE WATER SURFACE AT THE TIME OF THE SURVEY WAS PROVIDED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) PORT ARTHUR TIDE GAGE, ID 8770475.
6. THE AREA ON THIS DRAWING IS SUBJECT TO SILTING. THE ACTUAL ELEVATIONS FOLLOWING THE DATE OF THIS SURVEY MAY DIFFER FROM THE ELEVATIONS SHOWN.

29°54'56" N
93°53'21" W



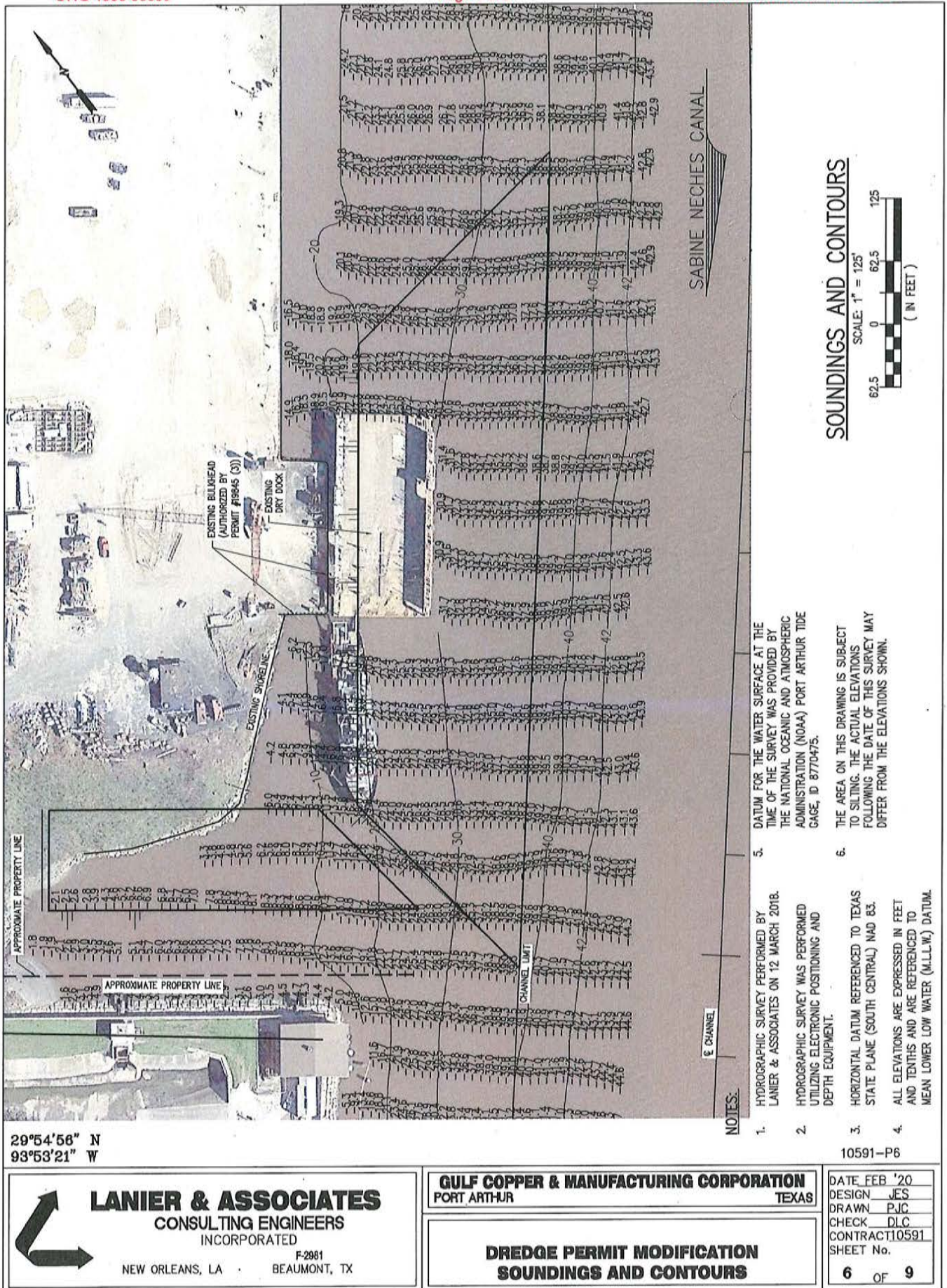
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DREDGE PERMIT MODIFICATION
ENLARGED EXISTING SITE PLAN

DATE	FEB '20
DESIGN	JES
DRAWN	PJC
CHECK	DLC
CONTRACT	10591
SHEET No.	4 OF 9



29°54'56" N
93°53'21" W



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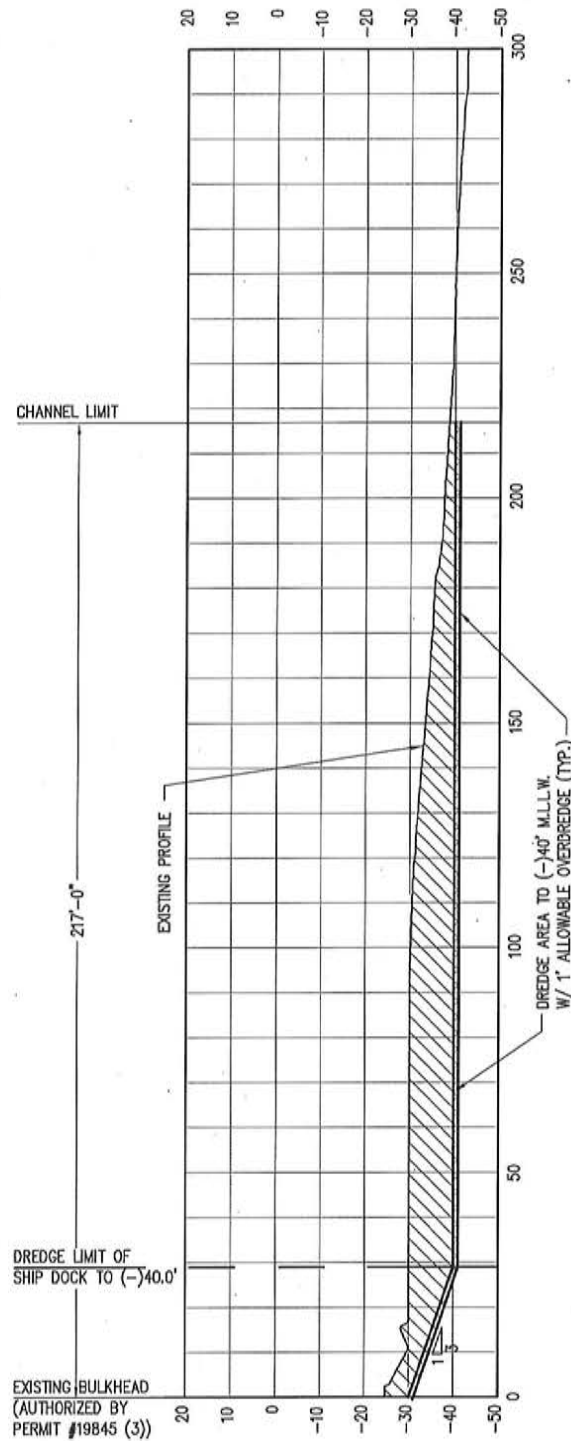
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DREDGE PERMIT MODIFICATION
SOUNDINGS AND CONTOURS

DATE FEB '20
DESIGN JES
DRAWN PJL
CHECK DLC
CONTRACT 10591
SHEET No.

6 OF 9



29°54'56" N
93°53'21" W

10591-P7

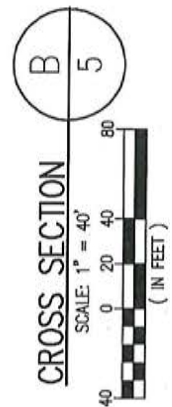
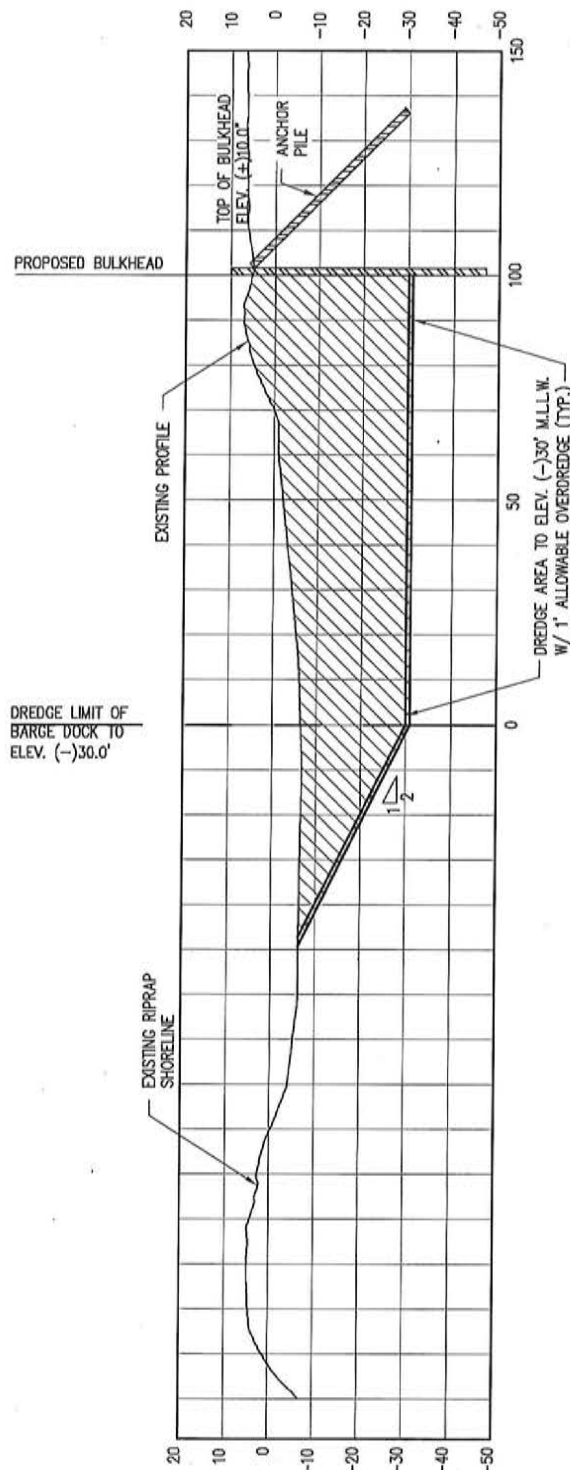


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**DREDGE PERMIT MODIFICATION
CROSS SECTION**

DATE FEB '20
DESIGN JES
DRAWN PJC
CHECK DLC
CONTRACT 10591
SHEET No.
7 OF 9

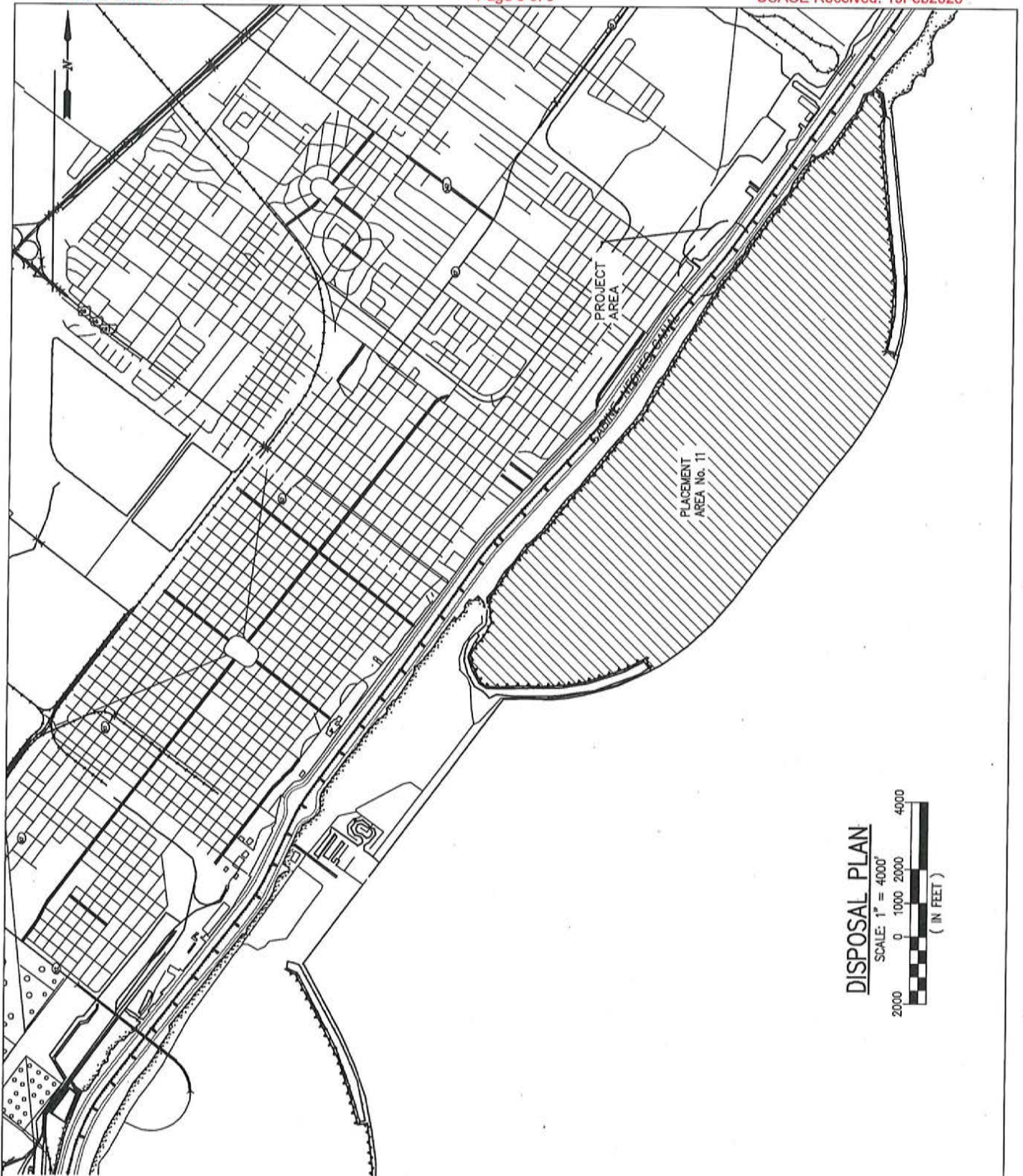


29°54'56" N
93°53'21" W

10591-P8

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GULF COPPER & MANUFACTURING CORPORATION		DATE FEB '20
PORT ARTHUR TEXAS		DESIGN JES
DREDGE PERMIT MODIFICATION CROSS SECTION		DRAWN PJC
		CHECK DLC
		CONTRACT 10591
		SHEET No.
		8 OF 9



10591-P9



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PORT ARTHUR TEXAS

**DREDGE PERMIT MODIFICATION
DISPOSAL PLAN**

DATE FEB '20
DESIGN JES
DRAWN PJC
CHECK DLC
CONTRACT 10591
SHEET No.

9 OF 9