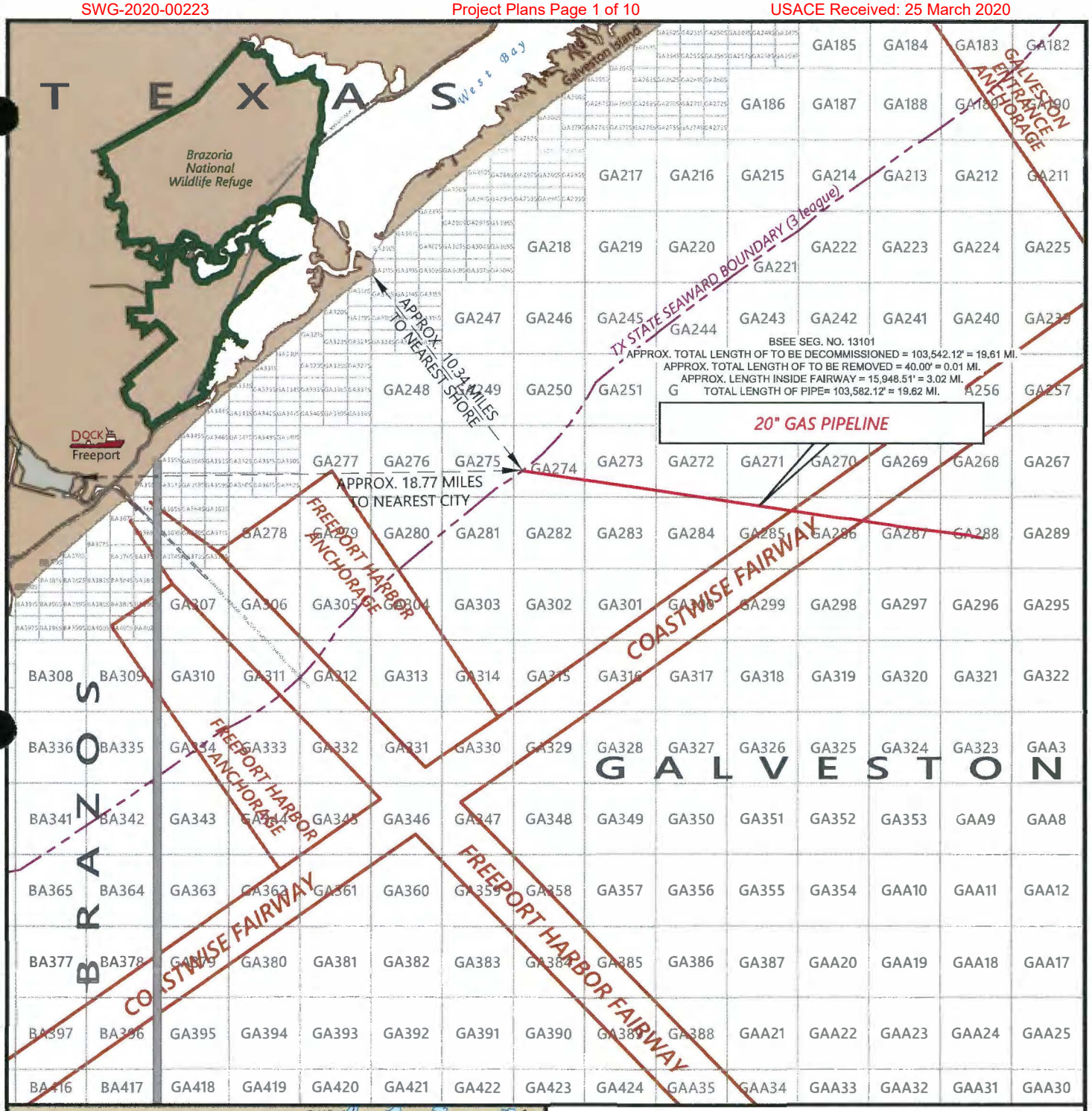
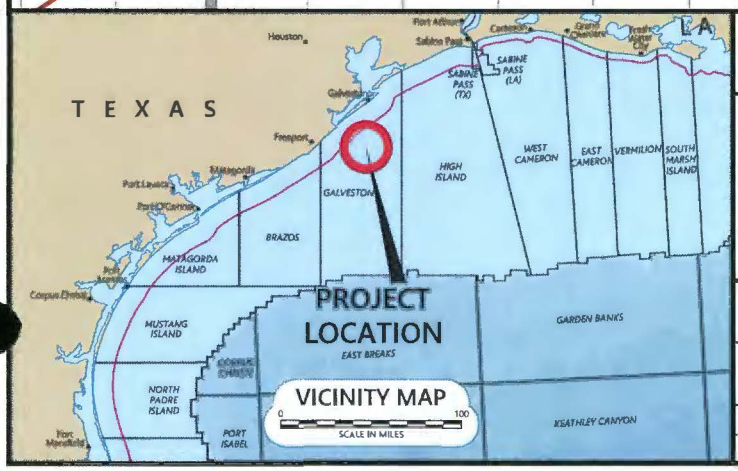




BLUE DOLPHIN PIPELINE COMPANY

PROPOSED REMOVAL AND DECOMMISSIONING 20" GAS/CONDENSATE PIPELINE (SEG #13101)

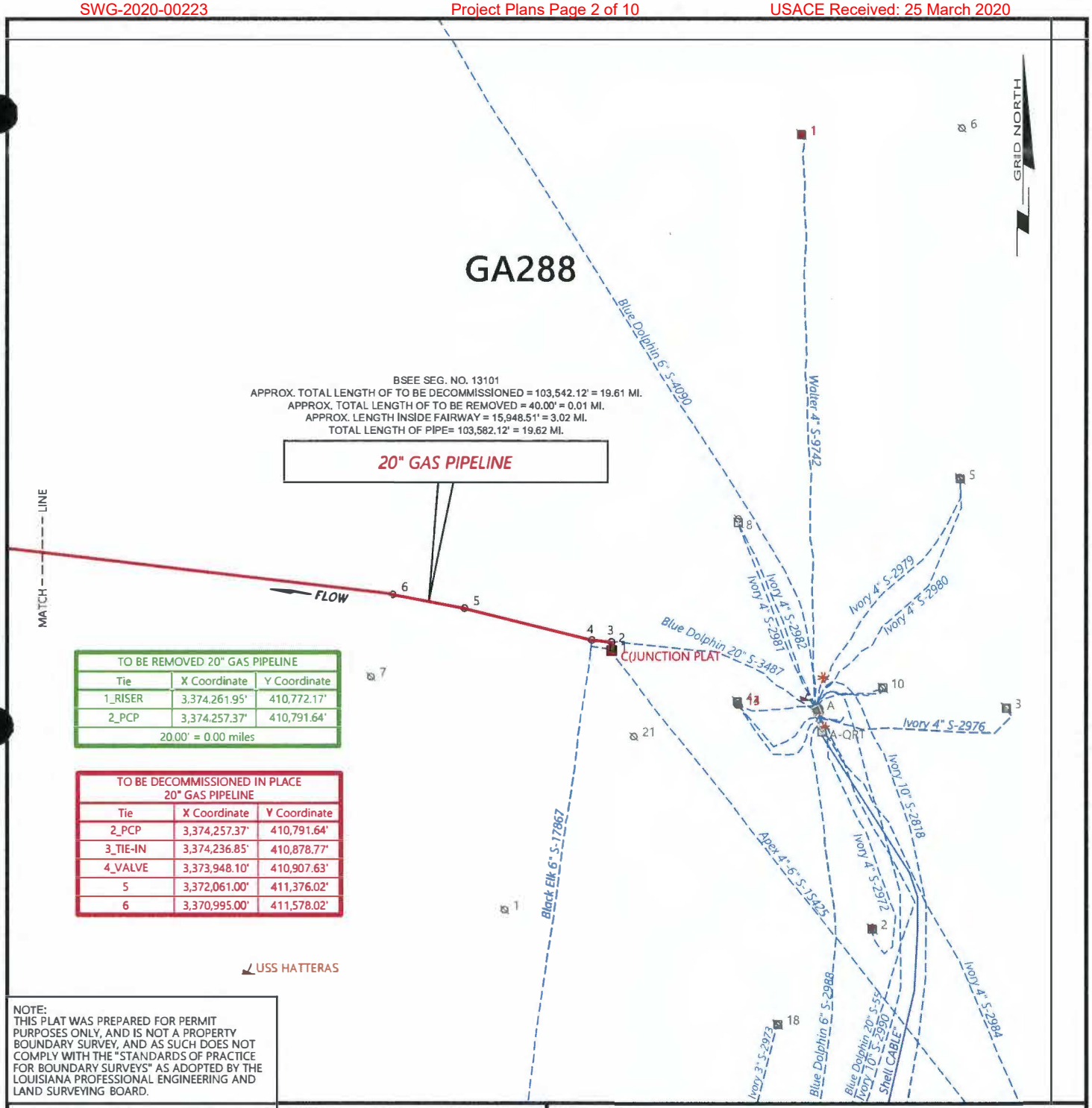
BLOCK 288 TO 274
GALVESTON AREA
GULF OF MEXICO

Geodetic Datum: NAD27
Projection: TEXAS SOUTH CENTRAL
Grid Units: US SURVEY FEET

SCALE 1:360000 — 0 30000 FEET

FUGRO USA MARINE, INC.
6100 Hillcroft Ave.
Houston, Texas 77081
(713) 346-3700

Job No.: 19011099	Date: 11/18/2019	Drwn: MM	Chart: 1 Of: 9
DWG File: 190110990S_GA288-274_P_Rem-Decom_S13101			11/19/2019



TO BE REMOVED 20" GAS PIPELINE		
Tie	X Coordinate	Y Coordinate
1_RISER	3,374,261.95'	410,772.17'
2_PCP	3,374,257.37'	410,791.64'
20.00' = 0.00 miles		

TO BE DECOMMISSIONED IN PLACE 20" GAS PIPELINE		
Tie	X Coordinate	Y Coordinate
2_PCP	3,374,257.37'	410,791.64'
3_TIE-IN	3,374,236.85'	410,878.77'
4_VALVE	3,373,948.10'	410,907.63'
5	3,372,061.00'	411,376.02'
6	3,370,995.00'	411,578.02'

NOTE:
THIS PLAT WAS PREPARED FOR PERMIT PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY, AND AS SUCH DOES NOT COMPLY WITH THE "STANDARDS OF PRACTICE FOR BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

THE RIGHT OF WAY OF THE PROPOSED REMOVAL AND DECOMMISSIONING PIPELINE IS ACCURATELY REPRESENTED.

STATE OF LOUISIANA
STEPHEN R. HENRY
REG. No. 4903
REGISTERED PROFESSIONAL LAND SURVEYOR

Digitally signed by Stephen R Henry
Date: 2019.11.19 15:15:56 -06'00'

STEPHEN R. HENRY RPLS #4903
STATE OF LOUISIANA
FIRM REGISTRATION NO. VF485

NOTES

1. PIPELINE COORDINATES REFLECT IN-HOUSE DATA AND DOES NOT REPRESENT A RECENT FUGRO FIELD SURVEY.
2. SURVEY COORDINATES TRANSFORMED USING NADCON (VER. 2.1).
3. LENGTH OF PIPELINE CALCULATED USING SURVEY COORDINATES (GRID DISTANCES) AND EXCLUDES LENGTH OF RISERS.
4. PIPELINE CROSSINGS CALCULATED USING IN-HOUSE DATA FROM VARIOUS SOURCES AND DO NOT REPRESENT A FUGRO FIELD SURVEY.
5. S/F DENOTES STATE/FEDERAL, PCP DENOTES PROPOSED CUT POINT, X DENOTES CROSSING AND CALC DENOTES CALCULATED.
6. BSEE ASCII FILE CONTAINS ENTIRE LENGTH OF SEGMENT #13101 IN FEDERAL WATERS ONLY.

BLUE DOLPHIN PIPELINE COMPANY

PROPOSED REMOVAL AND DECOMMISSIONING 20" GAS/CONDENSATE PIPELINE (SEG #13101)

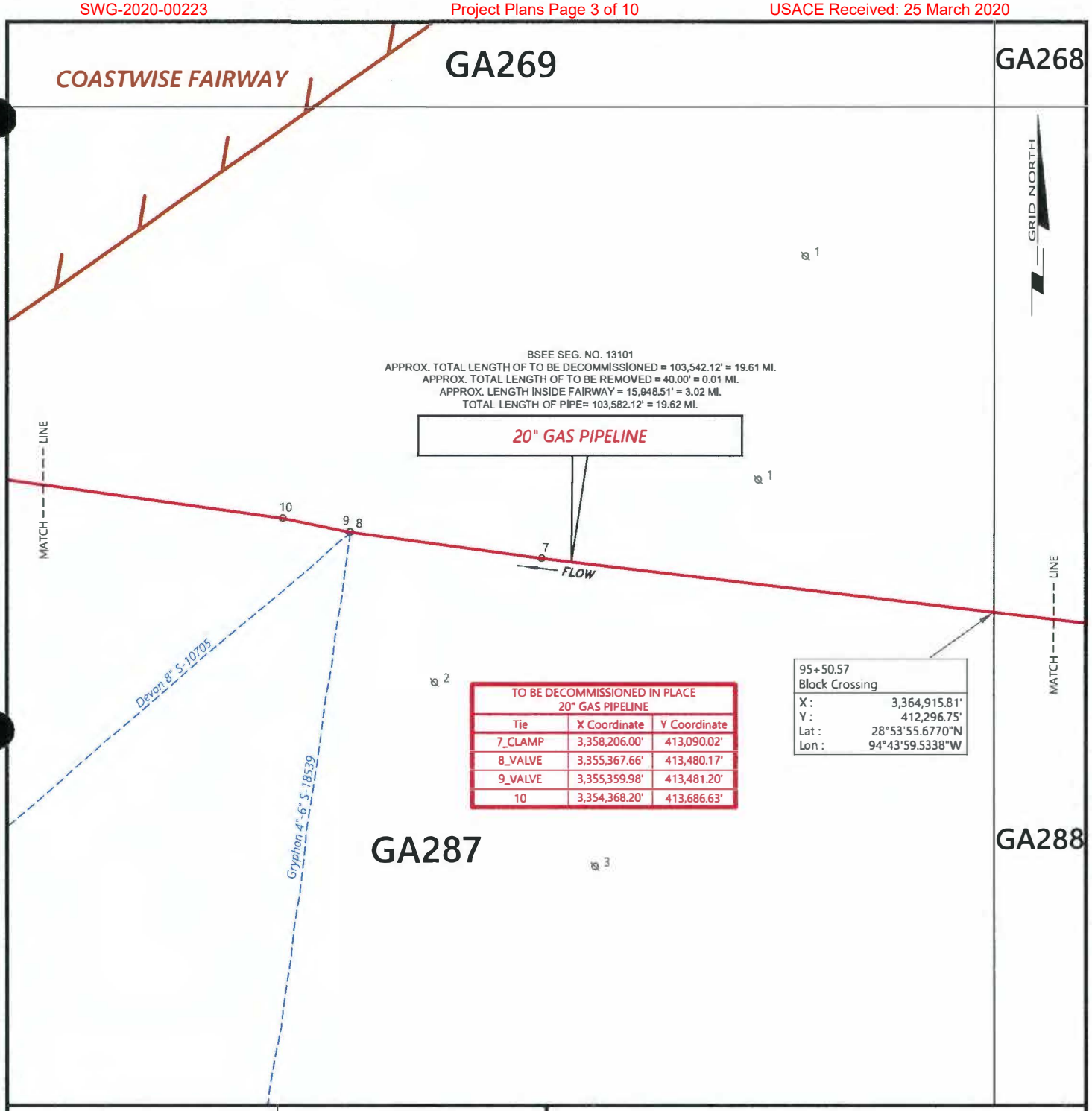
BLOCK 288 TO 274
GALVESTON AREA
GULF OF MEXICO

Geodetic Datum: NAD27
Projection: TEXAS SOUTH CENTRAL
Grid Units: US SURVEY FEET

SCALE 1:24000 0 2000 FEET

FUGRO USA MARINE, INC.
6100 Hillcroft Ave.
Houston, Texas 77081
(713) 346-3700

Job No.: 19011099	Date: 11/18/2019	Drwn: MM	Chart: 2 Of: 9
DWG File: 1901109905_GA288-274_P_Rem-Decom_S13101			11/19/2019



TO BE DECOMMISSIONED IN PLACE 20" GAS PIPELINE		
Tie	X Coordinate	Y Coordinate
7_CLAMP	3,358,206.00'	413,090.02'
8_VALVE	3,355,367.66'	413,480.17'
9_VALVE	3,355,359.98'	413,481.20'
10	3,354,368.20'	413,686.63'

NOTES

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BLUE DOLPHIN PIPELINE COMPANY

PROPOSED REMOVAL AND DECOMMISSIONING 20" GAS/CONDENSATE PIPELINE (SEG #13101)

BLOCK 288 TO 274
GALVESTON AREA
GULF OF MEXICO

Geodetic Datum: NAD27
Projection: TEXAS SOUTH CENTRAL
Grid Units: US SURVEY FEET

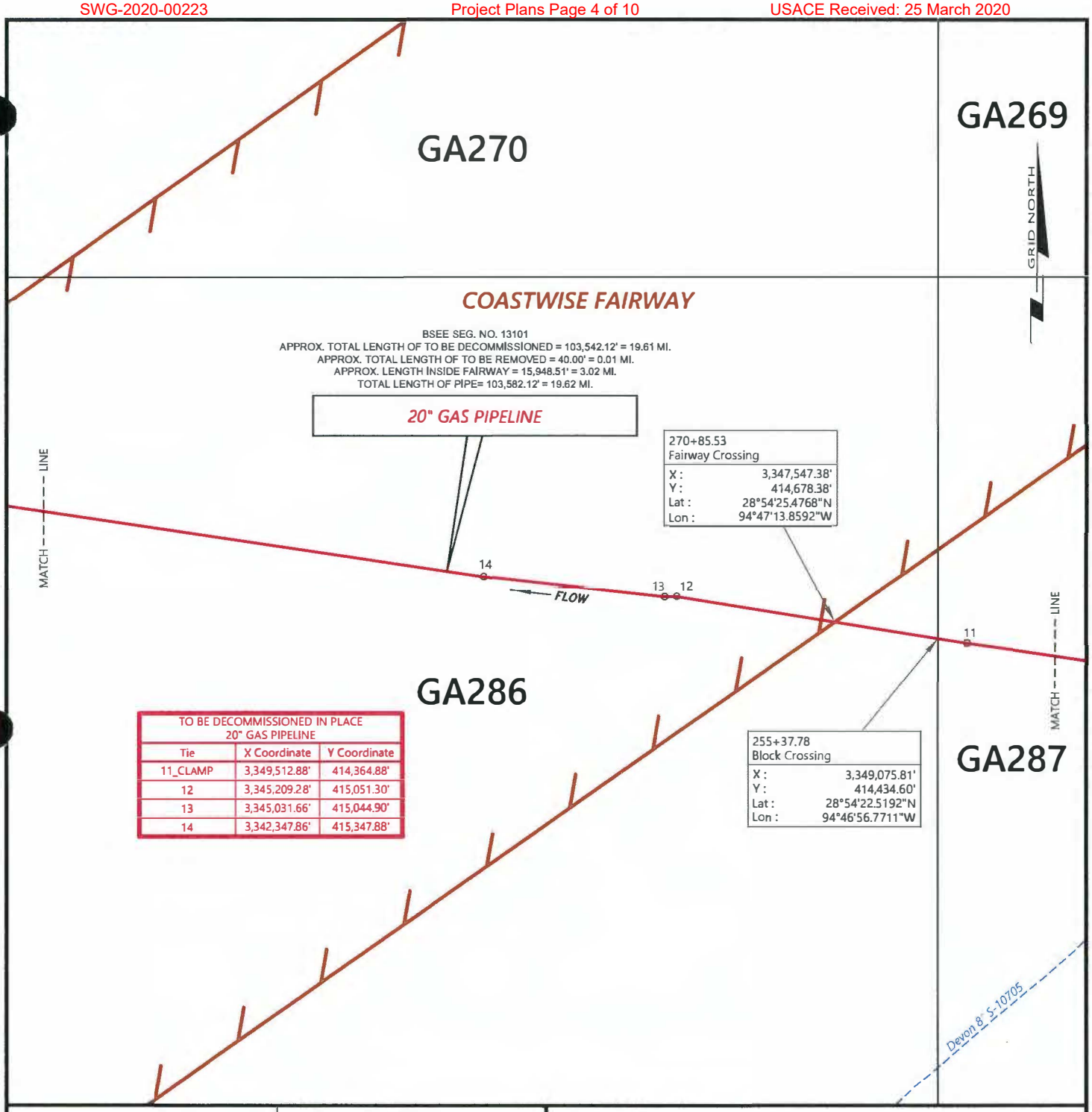
SCALE 1:24000 — 0 — 2000 FEET

FUGRO USA MARINE, INC.
6100 Hillcroft Ave.
Houston, Texas 77081
(713) 346-3700

Job No.: 19011099	Date: 11/18/2019	Drwn: MM	Chart: 3 Of: 9

DWG File: 1901109905_GA288-274_P_Rem-Decom_S13101

11/19/2019



TO BE DECOMMISSIONED IN PLACE 20" GAS PIPELINE		
Tie	X Coordinate	Y Coordinate
11_CLAMP	3,349,512.88'	414,364.88'
12	3,345,209.28'	415,051.30'
13	3,345,031.66'	415,044.90'
14	3,342,347.86'	415,347.88'

NOTES

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BLUE DOLPHIN PIPELINE COMPANY

PROPOSED REMOVAL AND DECOMMISSIONING 20" GAS/CONDENSATE PIPELINE (SEG #13101)

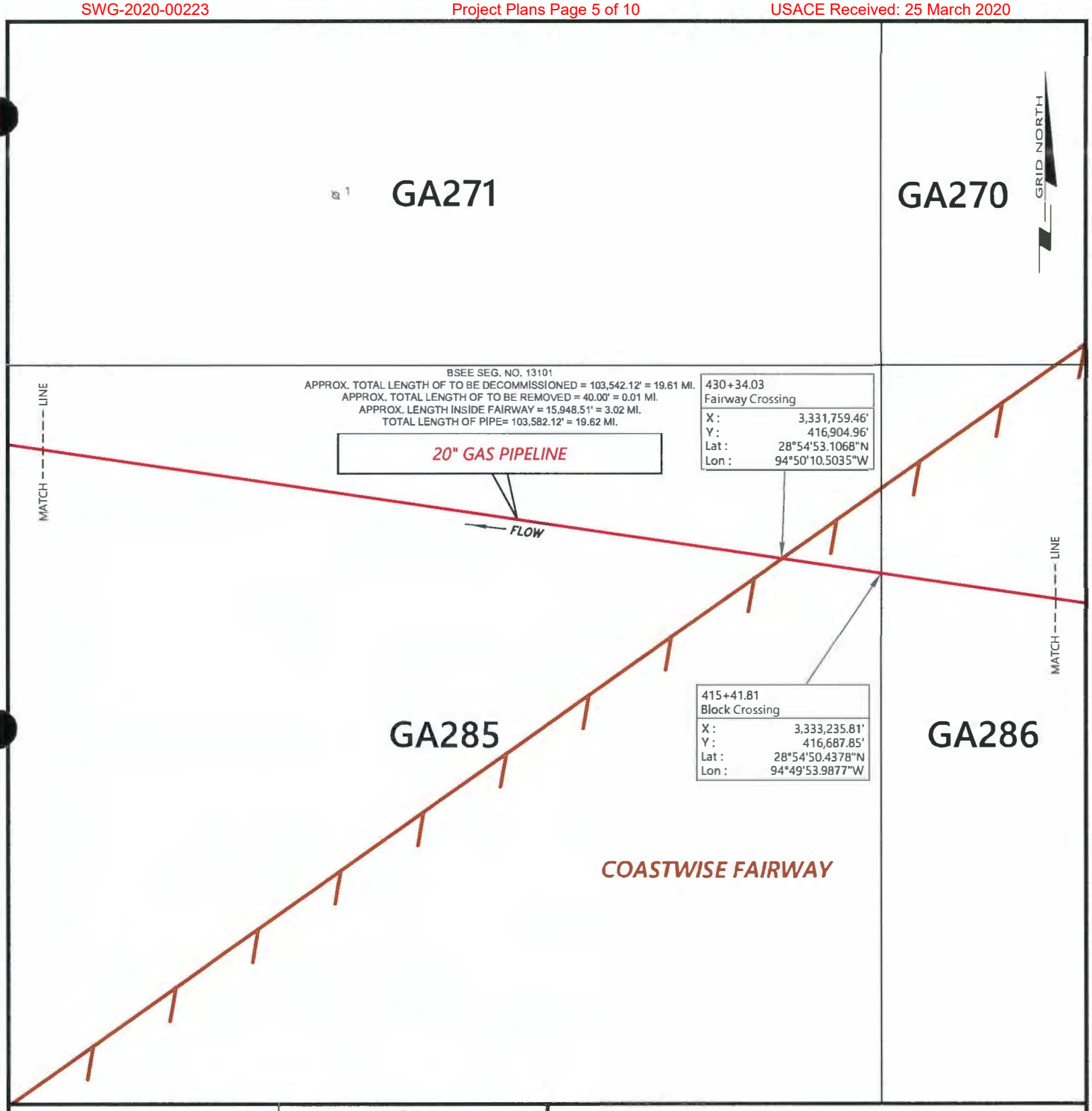
BLOCK 288 TO 274
GALVESTON AREA
GULF OF MEXICO

Geodetic Datum: NAD27
Projection: TEXAS SOUTH CENTRAL
Grid Units: US SURVEY FEET

SCALE 1:24000 0 2000 FEET

FUGRO USA MARINE, INC.
6100 Hillcroft Ave.
Houston, Texas 77081
(713) 346-3700

Job No.: 19011099	Date: 11/18/2019	Drwn: MM	Chart: 4 Of: 9
DWG File: 1901109905_GA288-274_P_Rem-Decom_S13101			11/19/2019



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BLUE DOLPHIN PIPELINE COMPANY

PROPOSED REMOVAL AND DECOMMISSIONING 20" GAS/CONDENSATE PIPELINE (SEG #13101)

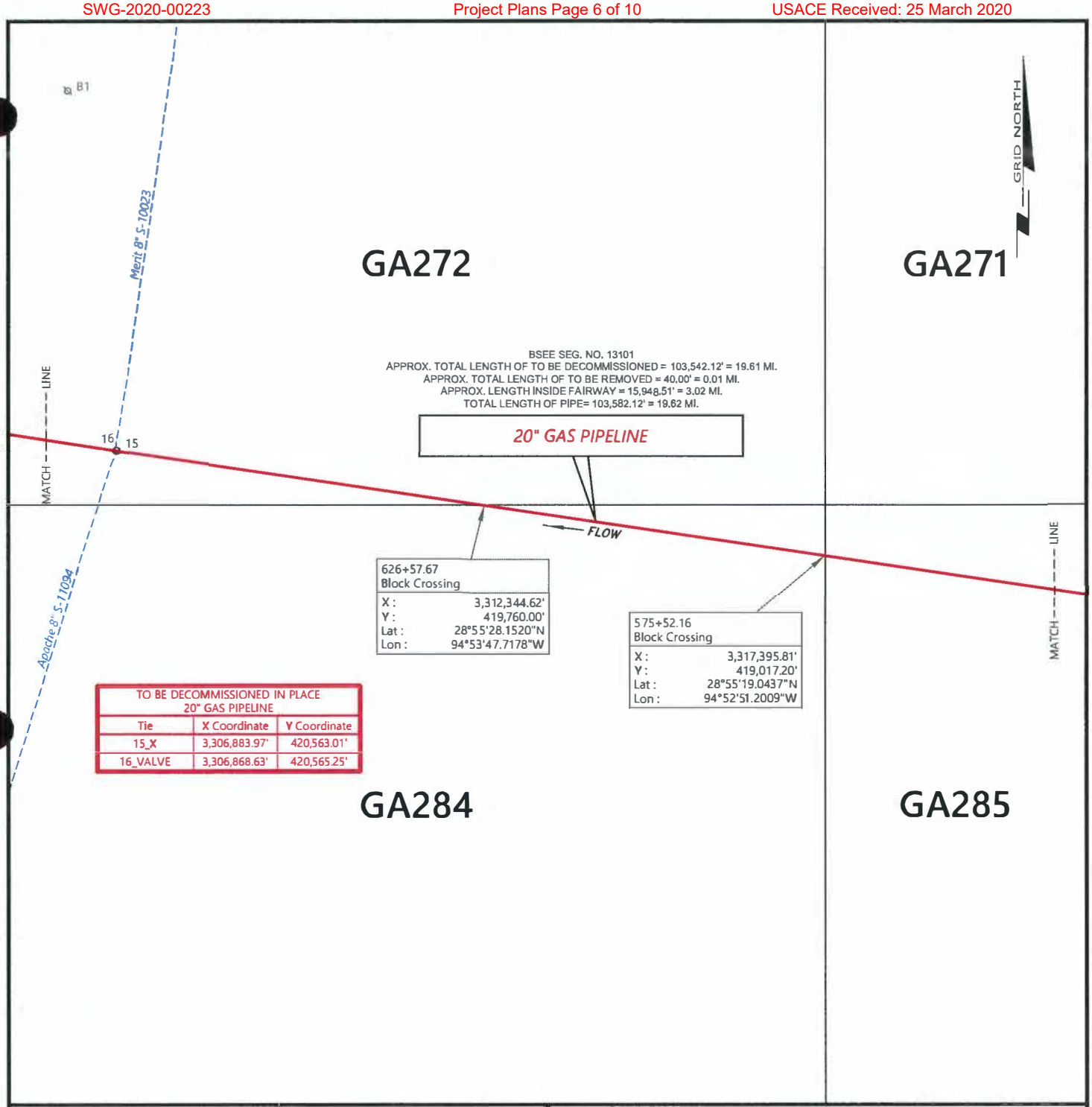
BLOCK 288 TO 274
GALVESTON AREA
GULF OF MEXICO

Geodetic Datum: NAD27
Projection: TEXAS SOUTH CENTRAL
Grid Units: US SURVEY FEET

SCALE 1:24000 — 0 — 2000 FEET

FUGRO USA MARINE, INC.
6100 Hillcroft Ave.
Houston, Texas 77081
(713) 346-3700

Job No.: 19011099	Date: 11/18/2019	Drwn: MM	Chart: 5 Of: 9
DWG File: 1901109905_GA288-274_P_Rem-Decom_S13101			11/19/2019



TO BE DECOMMISSIONED IN PLACE 20" GAS PIPELINE		
Tie	X Coordinate	Y Coordinate
15_X	3,306,883.97'	420,563.01'
16_VALVE	3,306,868.63'	420,565.25'

NOTES

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BLUE DOLPHIN PIPELINE COMPANY

PROPOSED REMOVAL AND DECOMMISSIONING 20" GAS/CONDENSATE PIPELINE (SEG #13101)

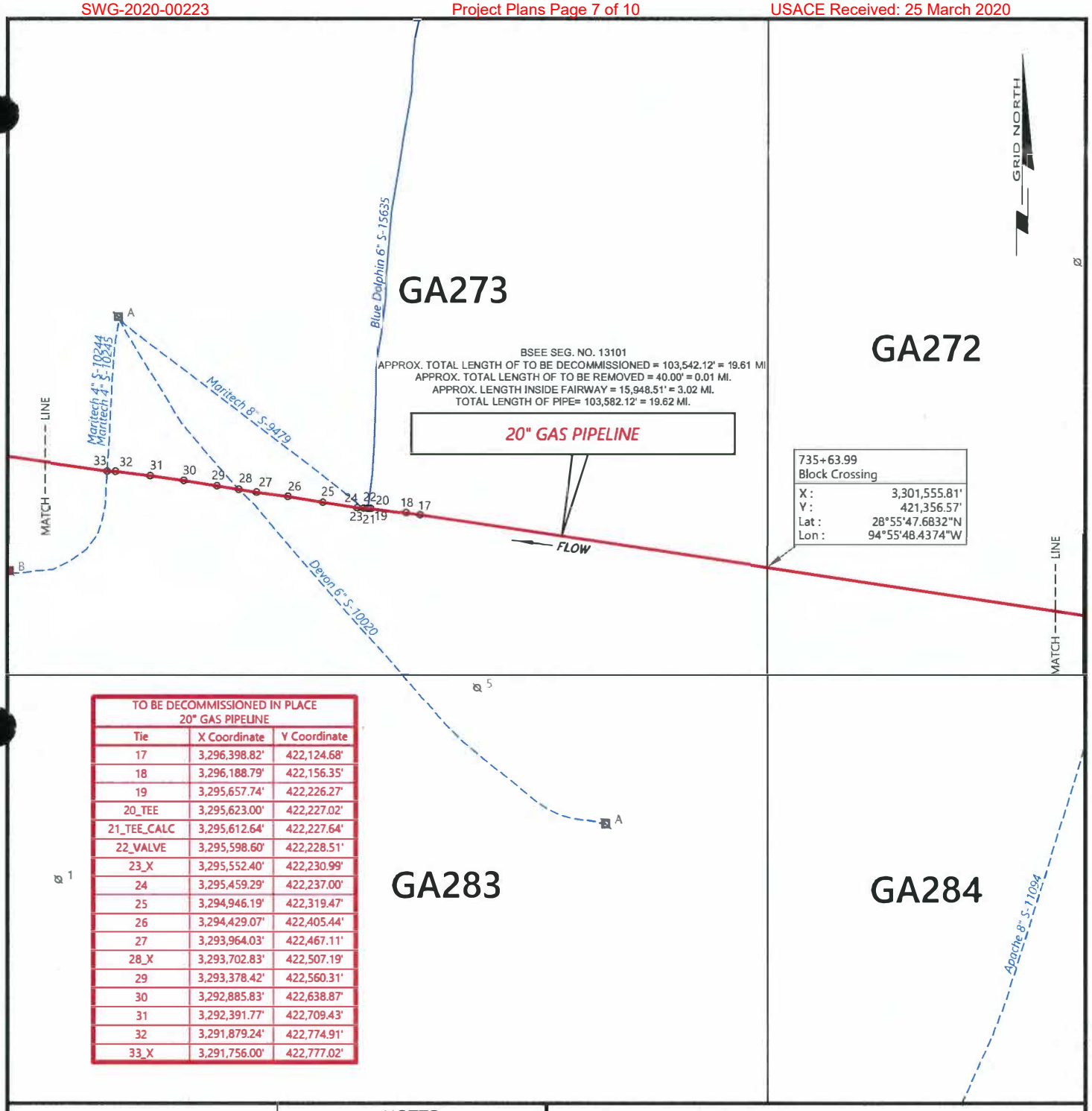
BLOCK 288 TO 274
GALVESTON AREA
GULF OF MEXICO

Geodetic Datum: NAD27
Projection: TEXAS SOUTH CENTRAL
Grid Units: US SURVEY FEET

SCALE 1:24000 — 0 2000 FEET

FUGRO USA MARINE, INC.
6100 Hillcroft Ave.
Houston, Texas 77081
(713) 346-3700

Job No.: 19011099	Date: 11/18/2019	Drwn: MM	Chart: 6 Of. 9
DWG File: 1901109905_GA288-274_P_Rem-Decom_S13101			11/19/2019



TO BE DECOMMISSIONED IN PLACE 20" GAS PIPELINE		
Tie	X Coordinate	Y Coordinate
17	3,296,398.82'	422,124.68'
18	3,296,188.79'	422,156.35'
19	3,295,657.74'	422,226.27'
20_TEE	3,295,623.00'	422,227.02'
21_TEE_CALC	3,295,612.64'	422,227.64'
22_VALVE	3,295,598.60'	422,228.51'
23_X	3,295,552.40'	422,230.99'
24	3,295,459.29'	422,237.00'
25	3,294,946.19'	422,319.47'
26	3,294,429.07'	422,405.44'
27	3,293,964.03'	422,467.11'
28_X	3,293,702.83'	422,507.19'
29	3,293,378.42'	422,560.31'
30	3,292,885.83'	422,638.87'
31	3,292,391.77'	422,709.43'
32	3,291,879.24'	422,774.91'
33_X	3,291,756.00'	422,777.02'

NOTES

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BLUE DOLPHIN PIPELINE COMPANY

PROPOSED REMOVAL AND DECOMMISSIONING 20" GAS/CONDENSATE PIPELINE (SEG #13101)

BLOCK 288 TO 274
GALVESTON AREA
GULF OF MEXICO

Geodetic Datum: NAD27
Projection: TEXAS SOUTH CENTRAL
Grid Units: US SURVEY FEET

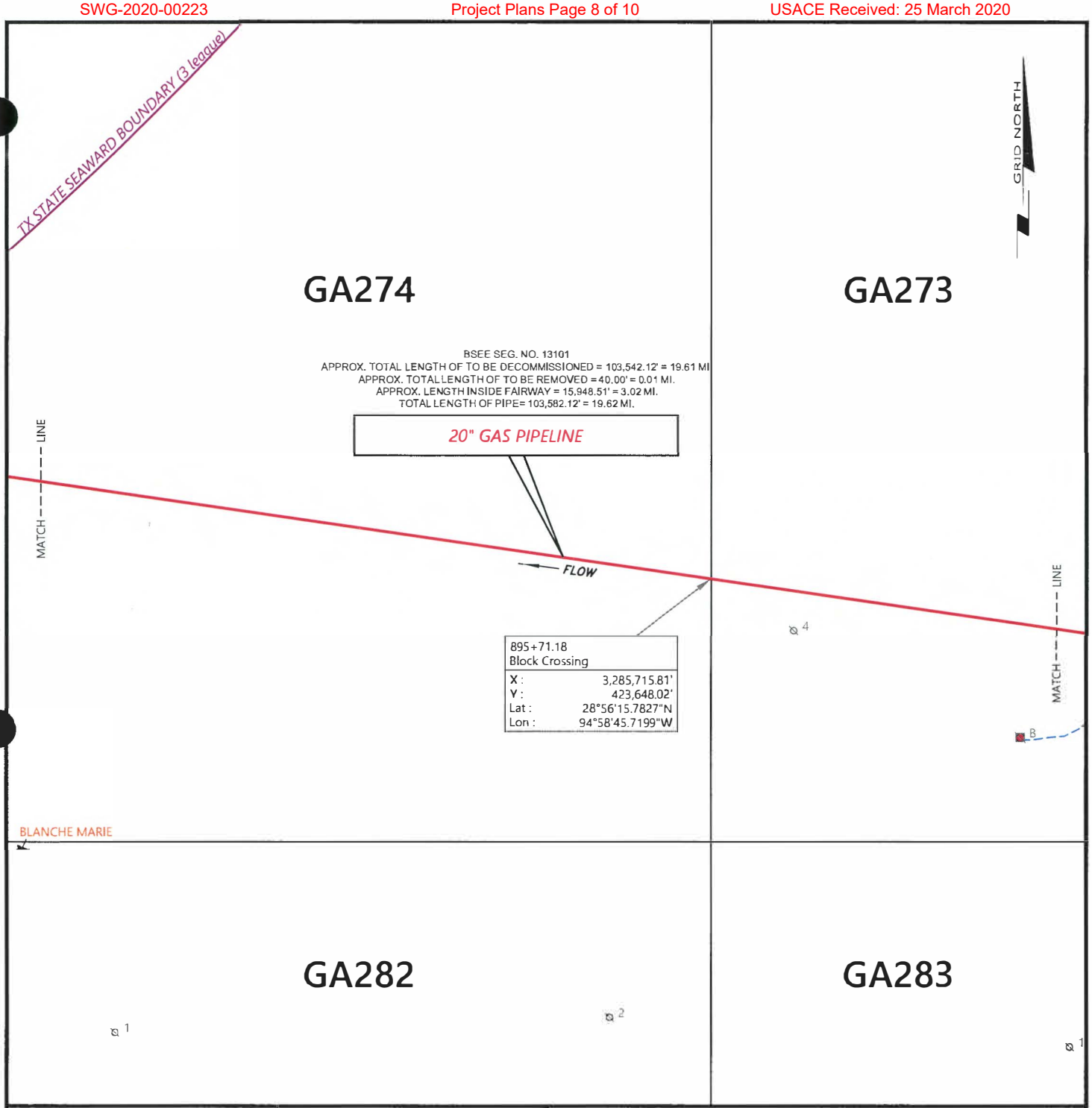
SCALE 1:24000 — 0 2 000 FEET

FUGRO USA MARINE, INC.
6100 Hillcroft Ave.
Houston, Texas 77081
(713) 346-3700

Job No.: 19011099 | Date: 11/18/2019 | Drwn: MM | Chart: 7 Of: 9

DWG File: 1901109905_GA288-274_P_Rem-Decom_S13101

11/19/2019



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BLUE DOLPHIN PIPELINE COMPANY

PROPOSED REMOVAL AND DECOMMISSIONING 20" GAS/CONDENSATE PIPELINE (SEG #13101)

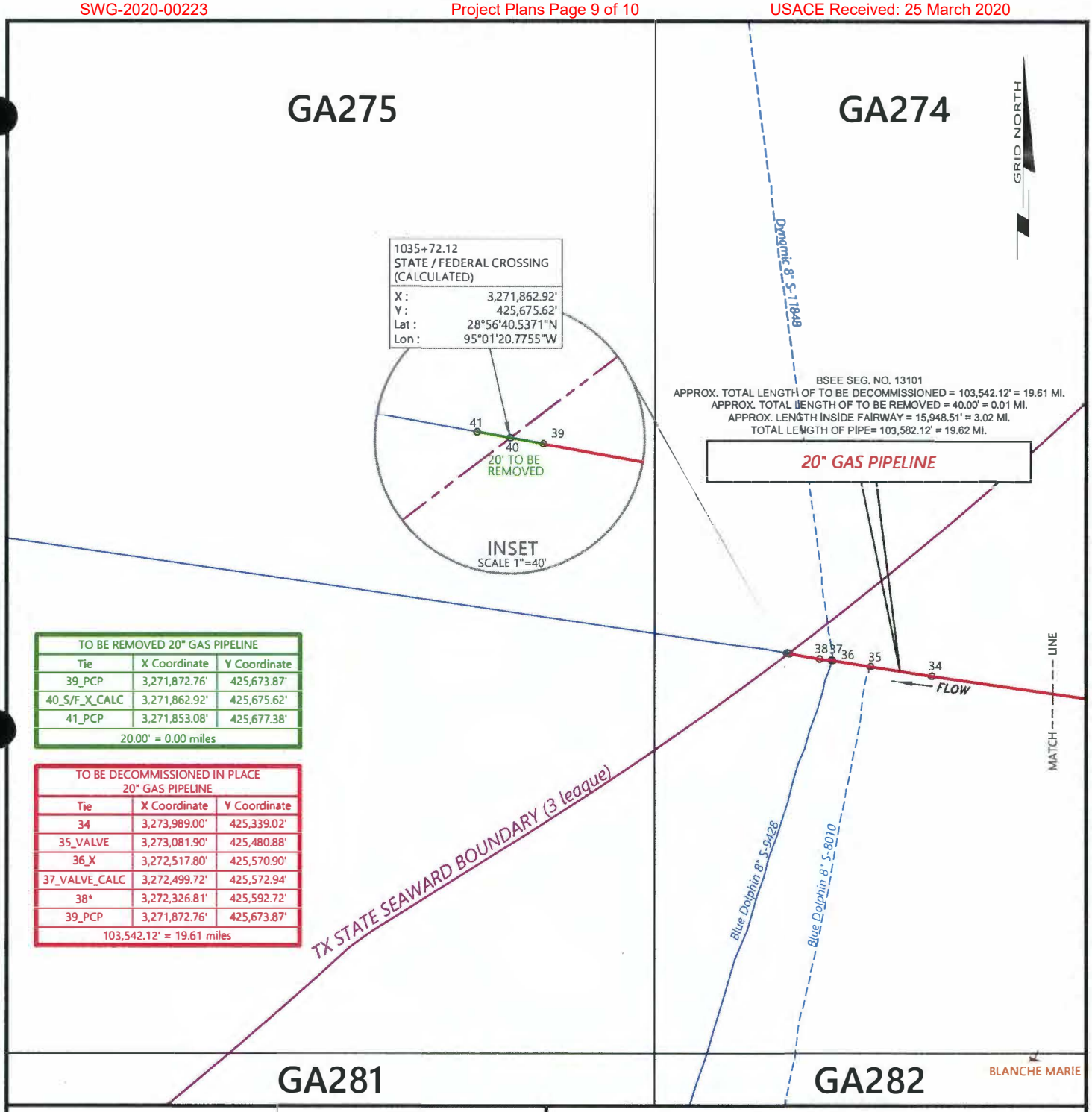
BLOCK 288 TO 274
GALVESTON AREA
GULF OF MEXICO

Geodetic Datum: NAD27
Projection: TEXAS SOUTH CENTRAL
Grid Units: US SURVEY FEET

SCALE 1:24000 0 2 000 FEET

FUGRO USA MARINE, INC.
6100 Hillcroft Ave.
Houston, Texas 77081
(713) 346-3700

Job No.: 19011099	Date: 11/18/2019	Drwn: MM	Chart: 8 Of 9
DWG File: 1901109905_GA288-274_P_Rem-Decom_S13101			11/19/2019



TO BE REMOVED 20" GAS PIPELINE		
Tie	X Coordinate	Y Coordinate
39_PCP	3,271,872.76'	425,673.87'
40_S/F_X_CALC	3,271,862.92'	425,675.62'
41_PCP	3,271,853.08'	425,677.38'
20.00' = 0.00 miles		

TO BE DECOMMISSIONED IN PLACE 20" GAS PIPELINE		
Tie	X Coordinate	Y Coordinate
34	3,273,989.00'	425,339.02'
35_VALVE	3,273,081.90'	425,480.88'
36_X	3,272,517.80'	425,570.90'
37_VALVE_CALC	3,272,499.72'	425,572.94'
38*	3,272,326.81'	425,592.72'
39_PCP	3,271,872.76'	425,673.87'
103,542.12' = 19.61 miles		

NOTES

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BLUE DOLPHIN PIPELINE COMPANY

PROPOSED REMOVAL AND DECOMMISSIONING 20" GAS/CONDENSATE PIPELINE (SEG #13101)

BLOCK 288 TO 274
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GULF OF MEXICO

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SCALE 1:24000 — 0 — 2000 FEET

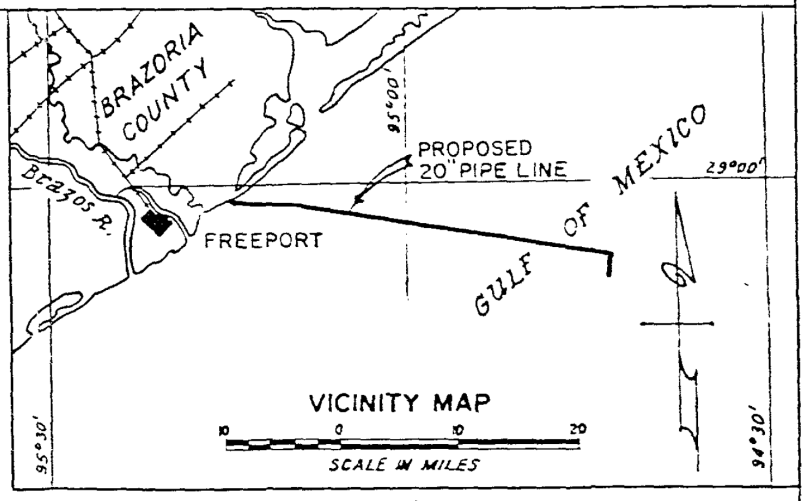
FUGRO USA MARINE, INC.
6100 Hillcroft Ave.
Houston, Texas 77081
(713) 346-3700

Job No.: 19011099	Date: 11/18/2019	Drwn: MM	Chart: 9 Of: 9
DWG File: 1901109905_GA288-274_P_Rem-Decom_S13101			11/19/2019

BLUE DOLPHIN PIPE LINE CO.
SHELL PIPE LINE CORPORATION
HOUSTON, TEXAS

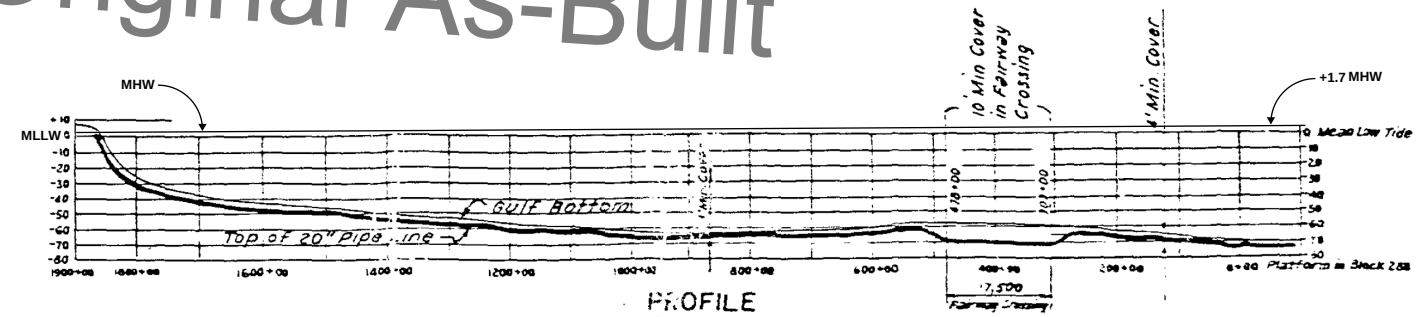
20" GAS PIPELINE From
BUCCANEER FIELD TO FREEPORT
OFFSHORE, TEXAS

SCALE 1" = 4000'	DATE	REV.	REV.
DRAWN G.R.A.	5/25/65	S-867-B	
CHECKED	ENGR.		
APP. FOR BIDDING			
APP. FOR CONSTRUCTION			



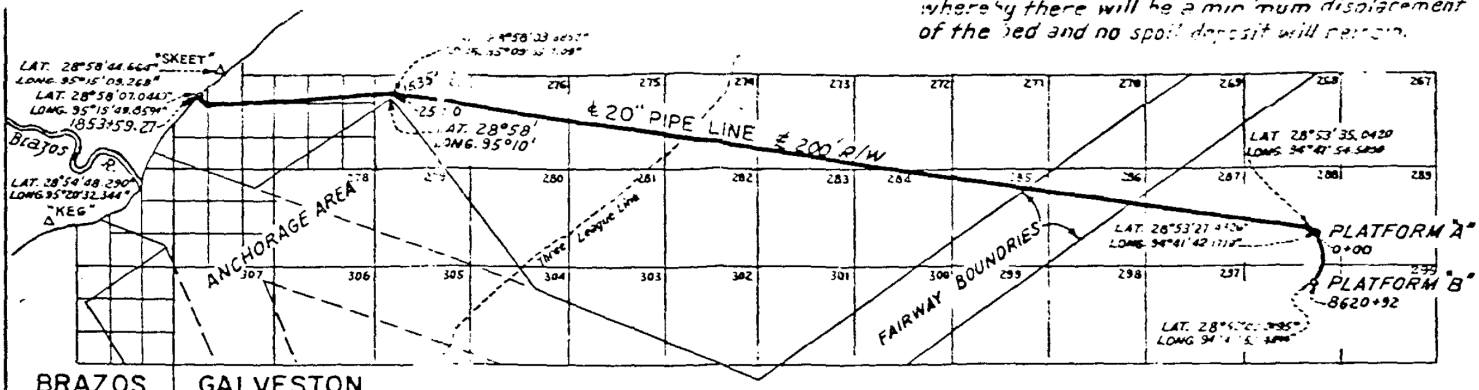
Taken From Sectional Aeronautical Chart "Galveston Bay" (468) Texas.

Original As-Built



PROFILE
HOR. 1" = 30,000'
VERT. 1" = 120'

Note: The pipe line will be placed by Jetting whereby there will be a minimum displacement of the bed and no spoil deposit will remain.



PLAN
10 5 0 10 20 30 40 50 60 70
Scale in thousands of feet

As Built 20" Diameter Pipe Line
In The Gulf Of Mexico
At Freeport, Brazoria County, Texas
Application By Blue Dolphin Pipe Line Co.
May 25, 1965
Revised As Construction Oct. 4, 1965

I hereby certify that this is a true and correct map made from actual calculations to the best of my knowledge and belief.

D.H. Adams - Reg. Pub. Surveyor No. 580

SEGMENT # 13101

"AS BUILT" 1965