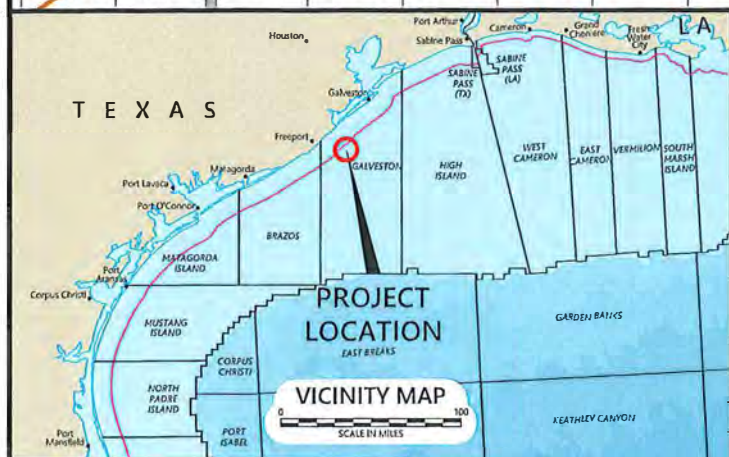
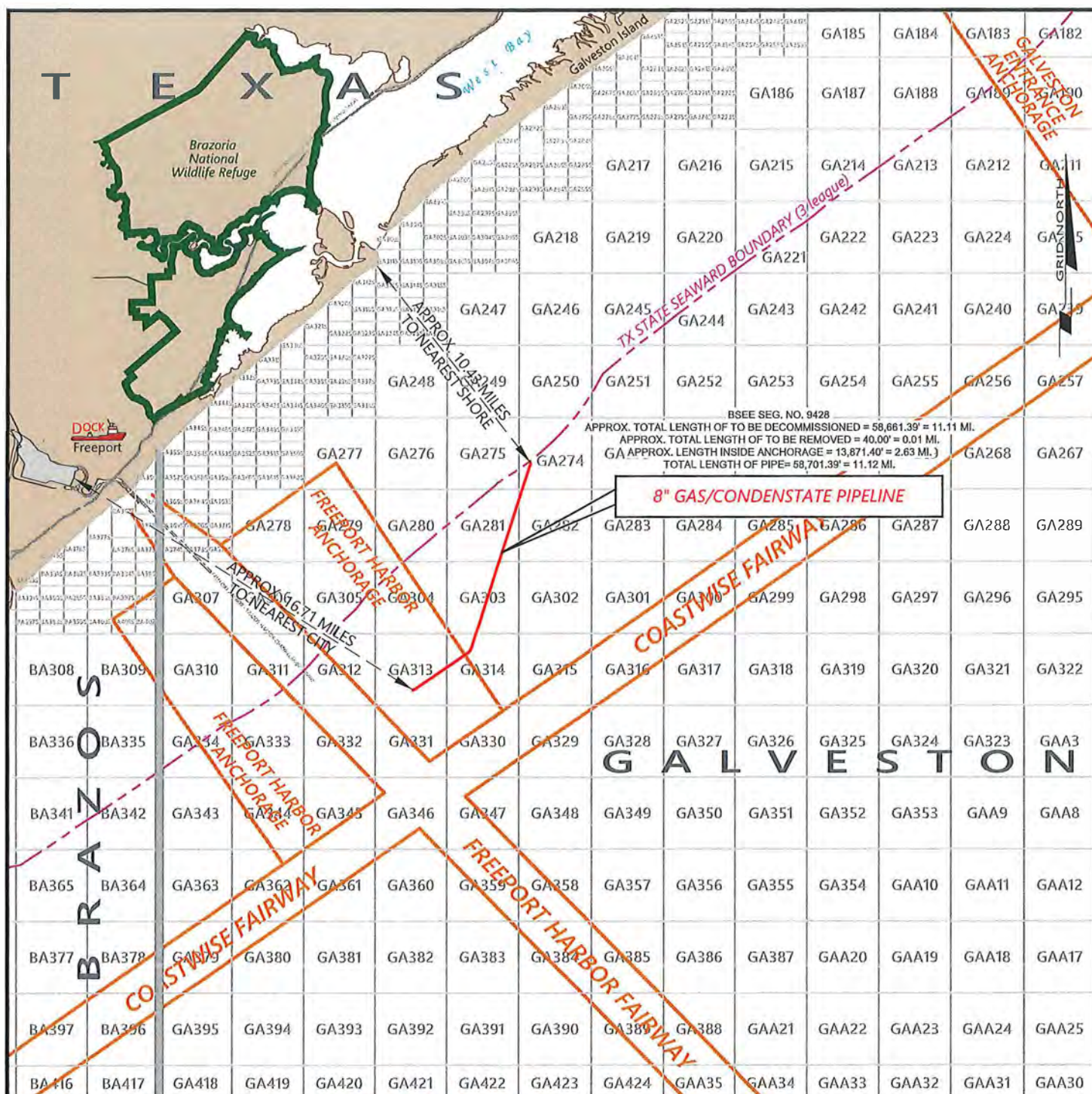




BLUE DOLPHIN PIPELINE COMPANY

PROPOSED REMOVAL AND DECOMMISSIONING 8" GAS/CONDENSATE PIPELINE (SEG #9428)

BLOCK 313 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



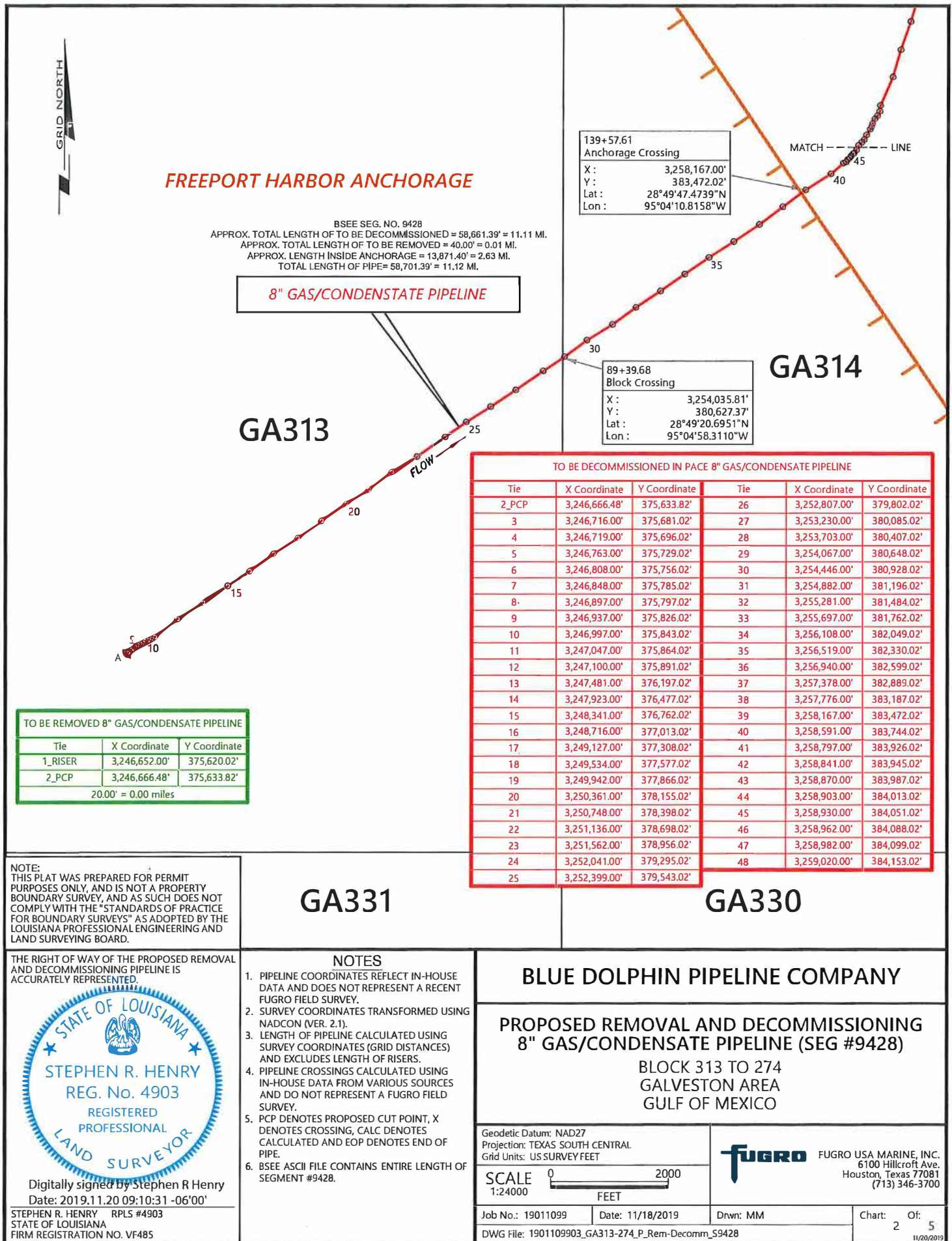
FUGRO USA MARINE, INC.
6100 Hillcroft Ave.
Houston, Texas 77081
(713) 346-3700

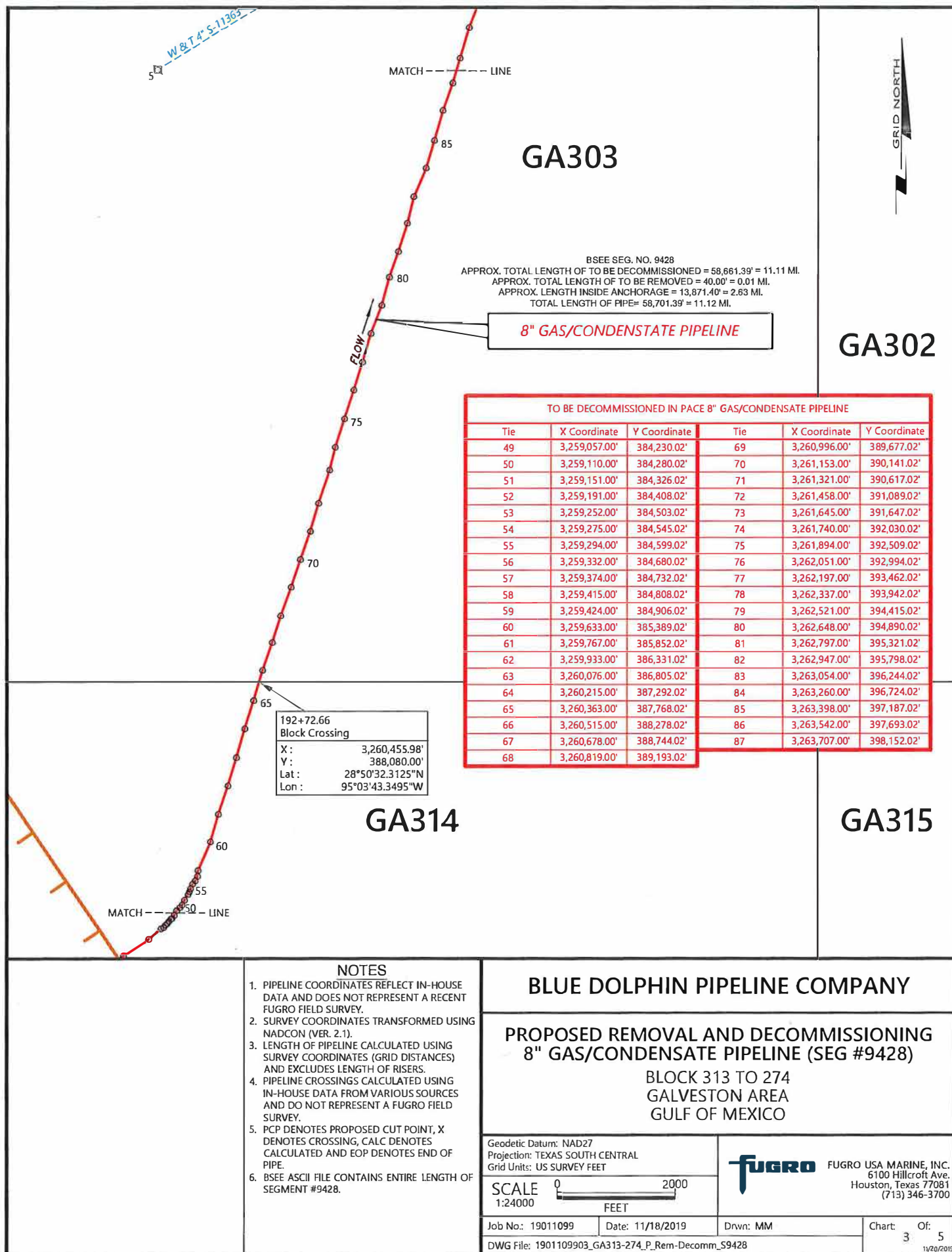
Job No.: 19011099 Date: 11/18/2019 Drwn: MM

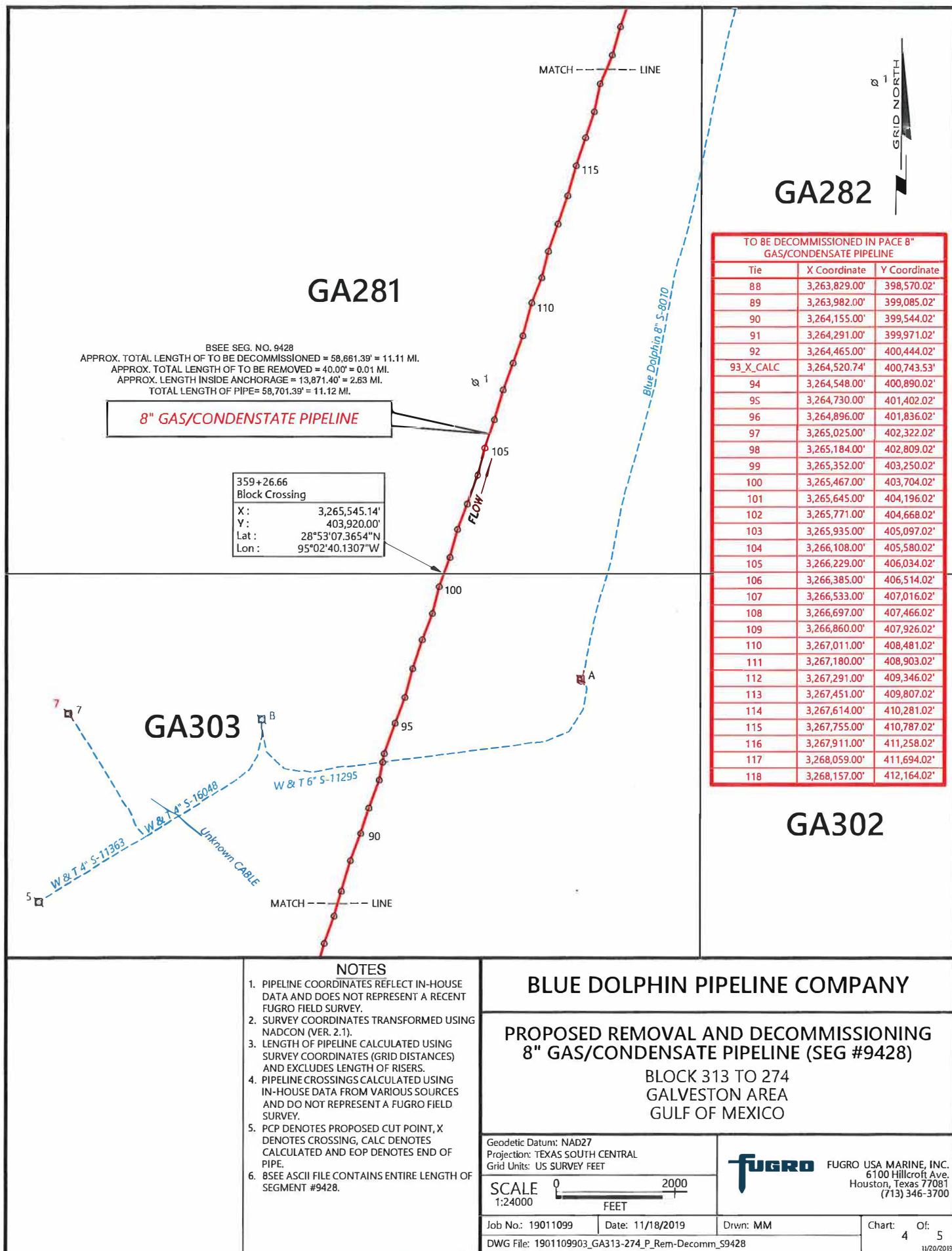
Chart: 1 Of: 5

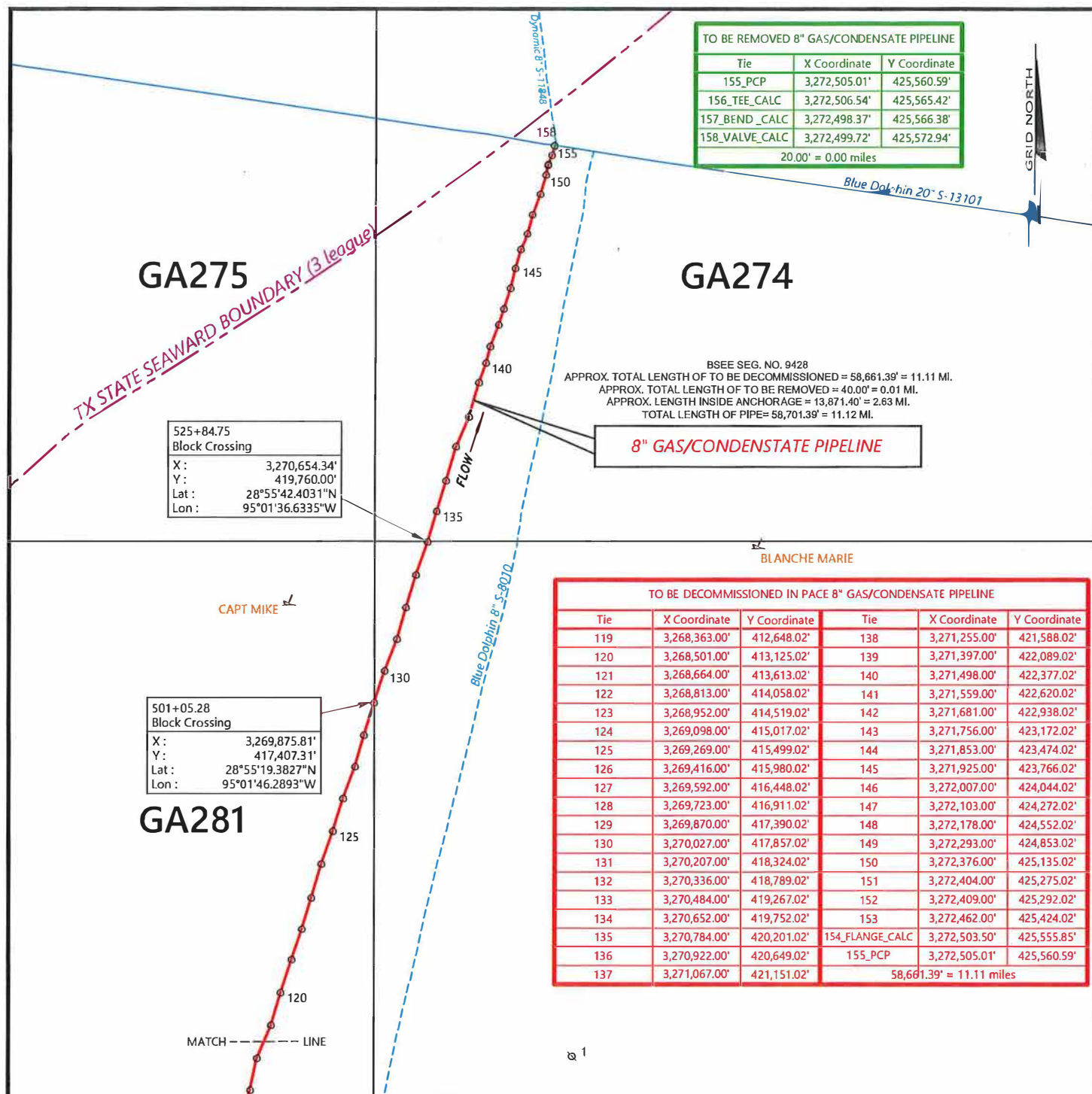
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11/20/2019

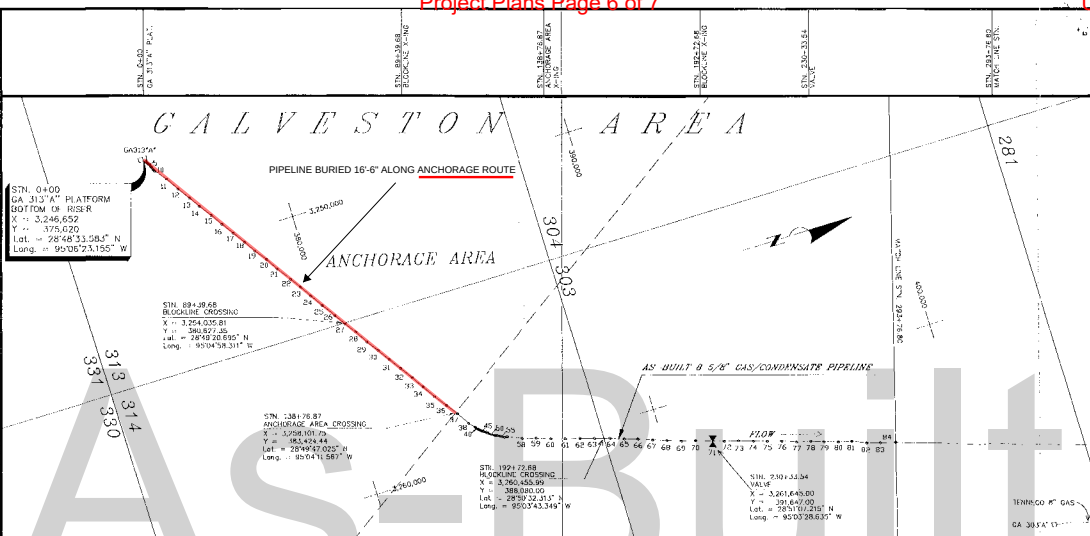




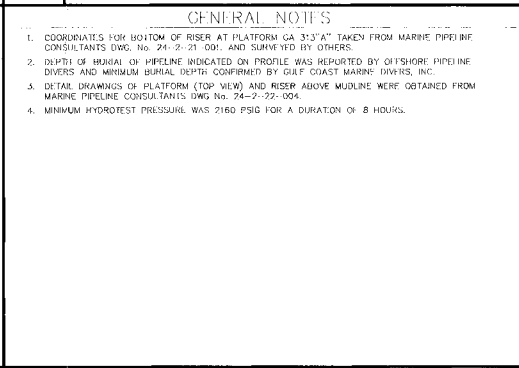
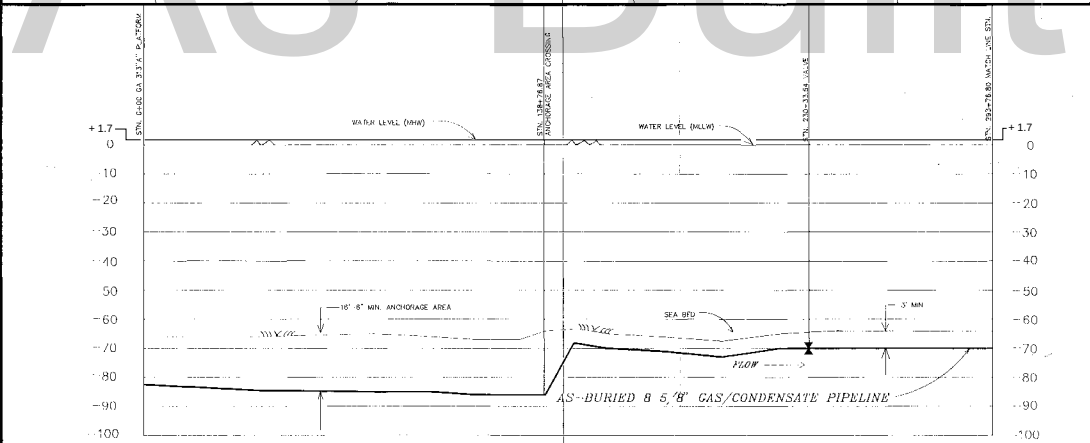




BUILT 8 5/8" GAS/CONDENSATE PIPELINE



AS PLUM RISE 5" W/4 CM/CLIMINATE PIPELINE									
GA 313* A BUILT FROM KISER TO GA 274 SUBSEA TIE IN									
X CHORD		Y CHORD				X CURVE		Y CURVE	
GA 31374*	WATER POINT	3246.020	375.520	POINT	43	3258.950	364.001		
1	3246.146	376.081		44	3258.962	364.008			
2	3246.179	376.676			3258.988	364.079			
3	3246.163	377.299		46	3259.005	364.161			
4	3246.080	377.758		47	3259.057	364.220			
5	3246.040	378.160		48	3259.010	364.269			
6	3246.097	378.797		49	3259.031	364.376			
7	3246.207	379.084		50	3259.091	364.448			
8	3246.497	378.583		51	3259.282	364.585			
9	3247.047	378.206		52	3259.325	364.545			
10	3247.100	378.091		53	3259.294	364.509			
11	3247.643	376.197		54	3259.332	364.600			
12	3247.793	376.111		55	3259.374	364.618			
13	3248.051	376.669		56	3259.415	364.608			
14	3249.136	377.021		57	3259.424	364.706			
15	3249.047	377.566		58	3259.620	364.821			
16	3249.914	377.027		59	3259.767	364.852			
17	3249.932	377.566		60	3259.933	364.321			
18	3250.641	378.125			3260.076	364.805			
19	3250.748	378.678		62	3260.012	367.296			
20	3251.116	378.678		63	3260.362	367.748			
21	3251.562	378.956		64	3260.615	368.078			
22	3252.041	378.295		65	3260.846	368.244			
23	3252.399	379.244		66	3260.895	368.713			
24	3253.017	379.002		67	3260.996	368.777			
25	3253.238	380.009		68	3261.021	379.141			
26	3253.703	380.407		69	3261.301	379.617			
27	3254.067	380.756		70	3261.458	379.699			
28	3254.446	380.828		VALVE, & POINT 71	3261.643	379.623			
29	3254.802	381.106		POINT 72	3261.147	379.447			
30	3255.091	381.721		73	3261.494	379.471			
31	3255.657	381.765		74	3262.001	379.994			
32	3256.018	380.600		75	3262.191	379.991			
33	3256.519	380.330		76	3262.337	379.942			
34	3256.918	380.119		77	3262.501	379.919			
35	3257.137	380.049		78	3262.648	379.930			
36	3257.776	380.887		79	3262.792	379.881			
37	3258.161	381.742		80	3262.947	379.812			
38	3258.501	380.744		81	3263.054	379.744			
39	3258.769	379.566		82	3263.200	379.704			
40	3259.041	380.245		83	3263.398	379.187			



LEGEND	
—●—	AS BUILT PIPELINE
---	EXISTING PIPELINE
◇	WELL LOCATION
□ or Δ	PLATFORM
1/2	IES & NUMBERS
—X—	LINE TAP

UNITS: U.S. & C.S. FEET PROJECTION: LAMBERT ZONE: TEXAS SOUTH CENTRAL DATUM: NAD 1927	FALSE EASTING: 2,000,000.0 FALSE NORTHING: 0.0 DATUM POINT: STERN POSITIONING SYSTEM: STEREO
STEREOID: CLARKE 1866 CENTROID MEASUREMENT: 997000.0' W UPPER PARALLEL: 30°10'00" N LOWER PARALLEL: 28°30'00" N GROSS LATITUDE: 27°50'00" N	LAY AREA: PIPELINE 3C SURVEY DATE: OCTOBER 1991 D.P. REF.: 0153 JOB NO.: 1180-10 DRAWING NO.: GP101733

[illegible]

I hereby certify that this plan has been prepared following generally accepted professional standards for offshore surveys, and represents the as laid position of the pipeline.

Each a true and correct copy
Date 12/16/91

KCA (R)

3/11 9428 R-O-W DKS C 13220

KOCH INDUSTRIES, INC.

AS-BUILT 8 5/8" GAS/CONDENSATE PIPELINE

GALESTON AREA

BLOCKS 313 TO 274

SHEET 1 OF 2

N3 3/4

