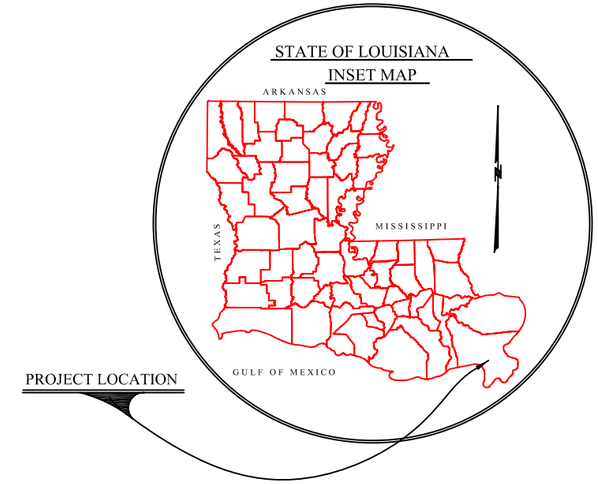
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES

RIVERINE SAND MINING/ SCOFIELD ISLAND RESTORATION

STATE PROJECT NO. BA-40
PLAQUEMINES PARISH

BATHYMETRIC AND MAGNETOMETER SURVEY OF CONVEYANCE CORRIDOR OPEN WATER SEGMENT



INDEX TO SHEETS

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1	TITLE SHEET
2	INDEX MAP
3 - 26	SURVEY DETAIL SHEETS
27 - 32	BOTTOM ELEVATION PROFILES

LEGEND

- BOTTOM ELEVATION < 6 FEET NAVD88
- BOTTOM ELEVATION 6 - 10 FEET NAVD88
- BOTTOM ELEVATION > 10 FEET NAVD88
- mag 350 11g / 100ft — MAGNETIC ANOMALY NUMBER GAMMA / DURATION
- ACTUAL PROBE LOCATION
- PROPOSED PUMP STATION LOCATION
- ALTERNATE PROPOSED PUMP STATION LOCATION
- CLEARANCE AREA FOR CHANNEL CROSSING
- PL — PIPELINE BASED ON HISTORICALLY CHARTED LOCATION
- NAVIGATION CROSSING
- SHEET 2 / SHEET 3 — SHEET MATCHLINE
- A' — A — BOTTOM ELEVATION PROFILE ALIGNMENT
- 50+00 — CONVEYANCE CORRIDOR SURVEY BASELINE

GENERAL NOTES:

1. ALL SURVEY DATA CONTAINED WITHIN WAS ACQUIRED BY C. H. FENSTERMAKER & ASSOCIATES, INC. NOVEMBER 2007 TO JULY 2008.

2. THE SURVEY CONTROL NETWORK USED WAS PROVIDED BY SJB GROUP, LLC. ALL HORIZONTAL POSITIONS ARE REFERENCED TO HORIZONTAL DATUM NAD 83, STATE PLANE, LOUISIANA SOUTH ZONE, U.S. SURVEY FEET. ALL VERTICAL ELEVATIONS ARE VERTICAL DATUM NAVD88, GEOID 03/05, U.S. SURVEY FEET.

3. INFORMATION SHOWN HEREON REFLECTS CONDITIONS AS THEY EXISTED ON THE SURVEY DATE SHOWN AND CAN ONLY BE CONSIDERED INDICATIVE OF CONDITIONS AT THAT TIME.

4. AERIAL IMAGERY FROM NOVEMBER 2007, U.S. DEPARTMENT OF AGRICULTURE.

5. PIPELINE DATABASE INFORMATION FOR HISTORICALLY KNOWN PIPELINES WAS RETRIEVED FROM THE WHITESTAR , DNR, PLAQUEMINES PARISH AND FENSTERMAKER DATABASES. ONLY THE FENSTERMAKER DATABASE IS VERIFIED BY FENSTERMAKER TO CONTAIN VALID AS-BUILT PIPELINE INFORMATION. PIPELINES MAY EXIST THAT ARE NOT DEPICTED ON ANY OF THE DATABASES, AND MANY MAY NOT HAVE BEEN DETECTED BY THE MAGNETOMETER.

C.H. FENSTERMAKER & ASSOCIATES, INC.

DATE: JANUARY 2010	F.B.	PG.	
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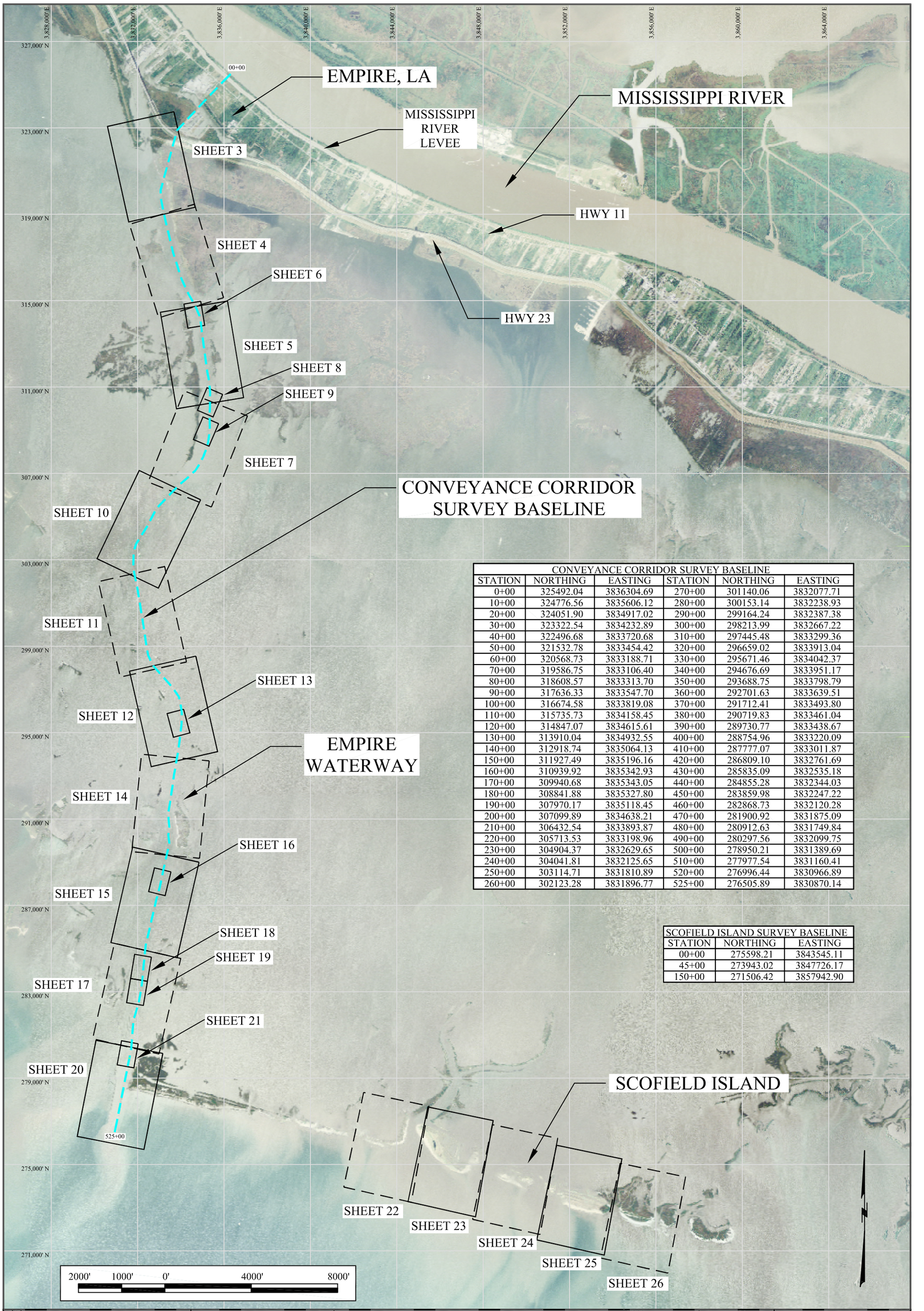
ACAD NO. 31179.0 TASK 903	REF. NO.	BA-40	

BATHYMETRIC AND MAGNETOMETER SURVEY OF CONVEYANCE CORRIDOR OPEN WATER SEGMENT SCOFIELD ISLAND RESTORATION (BA-40)

COASTAL ENGINEERING CONSULTANTS INC.
PH: (239) 643-2324
FAX: (239) 643-1143
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104

SJB GROUP, LLC
QUALITY BY DESIGN
P.O. BOX 1751
BATON ROUGE, LA. 70821
PHONE (225) 769-3400
FAX (225) 769-3596

SHEET 1 OF 32
FILE NO.: 31179.0 TASK 903



CONVEYANCE CORRIDOR SURVEY BASELINE					
STATION	NORTHING	EASTING	STATION	NORTHING	EASTING
0+00	325492.04	3836304.69	270+00	301140.06	3832077.71
10+00	324776.56	3835606.12	280+00	300153.14	3832238.93
20+00	324051.90	3834917.02	290+00	299164.24	3832387.38
30+00	323322.54	3834232.89	300+00	298213.99	3832667.22
40+00	322496.68	3833720.68	310+00	297445.48	3833299.36
50+00	321532.78	3833454.42	320+00	296659.02	3833913.04
60+00	320568.73	3833188.71	330+00	295671.46	3834042.37
70+00	319586.75	3833106.40	340+00	294676.69	3833951.17
80+00	318608.57	3833313.70	350+00	293688.75	3833798.79
90+00	317636.33	3833547.70	360+00	292701.63	3833639.51
100+00	316674.58	3833819.08	370+00	291712.41	3833493.80
110+00	315735.73	3834158.45	380+00	290719.83	3833461.04
120+00	314847.07	3834615.61	390+00	289730.77	3833438.67
130+00	313910.04	3834932.55	400+00	288754.96	3833220.09
140+00	312918.74	3835064.13	410+00	287777.07	3833011.87
150+00	311927.49	3835196.16	420+00	286809.10	3832761.69
160+00	310939.92	3835342.93	430+00	285835.09	3832535.18
170+00	309940.68	3835343.05	440+00	284855.28	3832344.03
180+00	308841.88	3835327.80	450+00	283859.98	3832247.22
190+00	307970.17	3835118.45	460+00	282868.73	3832120.28
200+00	307099.89	3834638.21	470+00	281900.92	3831875.09
210+00	306432.54	3833893.87	480+00	280912.63	3831749.84
220+00	305713.53	3833198.96	490+00	280297.56	3832099.75
230+00	304904.37	3832629.65	500+00	278950.21	3831389.69
240+00	304041.81	3832125.65	510+00	277977.54	3831160.41
250+00	303114.71	3831810.89	520+00	276996.44	3830966.89
260+00	302123.28	3831896.77	525+00	276505.89	3830870.14

SCOFIELD ISLAND SURVEY BASELINE		
STATION	NORTHING	EASTING
00+00	275598.21	3843545.11
45+00	273943.02	3847726.17
150+00	271506.42	3857942.90

SHEET 2 OF 32
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SJB GROUP, LLC
QUALITY BY DESIGN
P.O. BOX 1751
BATON ROUGE, LA. 70821
PHONE (225) 769-3400
FAX (225) 769-3596

COASTAL ENGINEERING CONSULTANTS INC.
PH: (239) 643-2324
FAX: (239) 643-1143
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104

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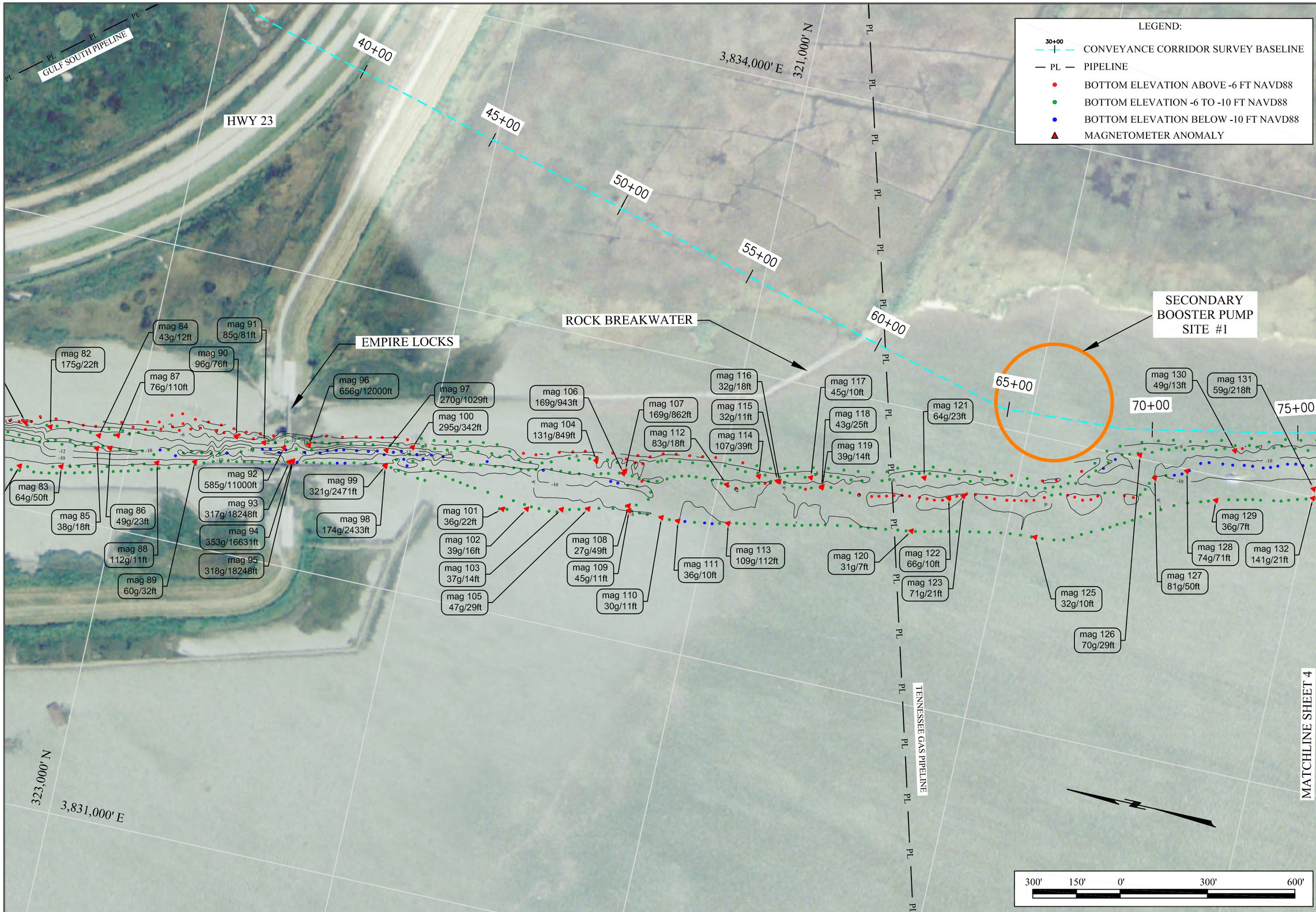

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PH: (239) 643-2324
FAX: (239) 643-1143
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104

STB GROUP, LLC
QUALITY BY DESIGN
P.O. BOX 1751
BATON ROUGE, LA. 70821
PHONE (225) 769-3400
FAX (225) 769-3596

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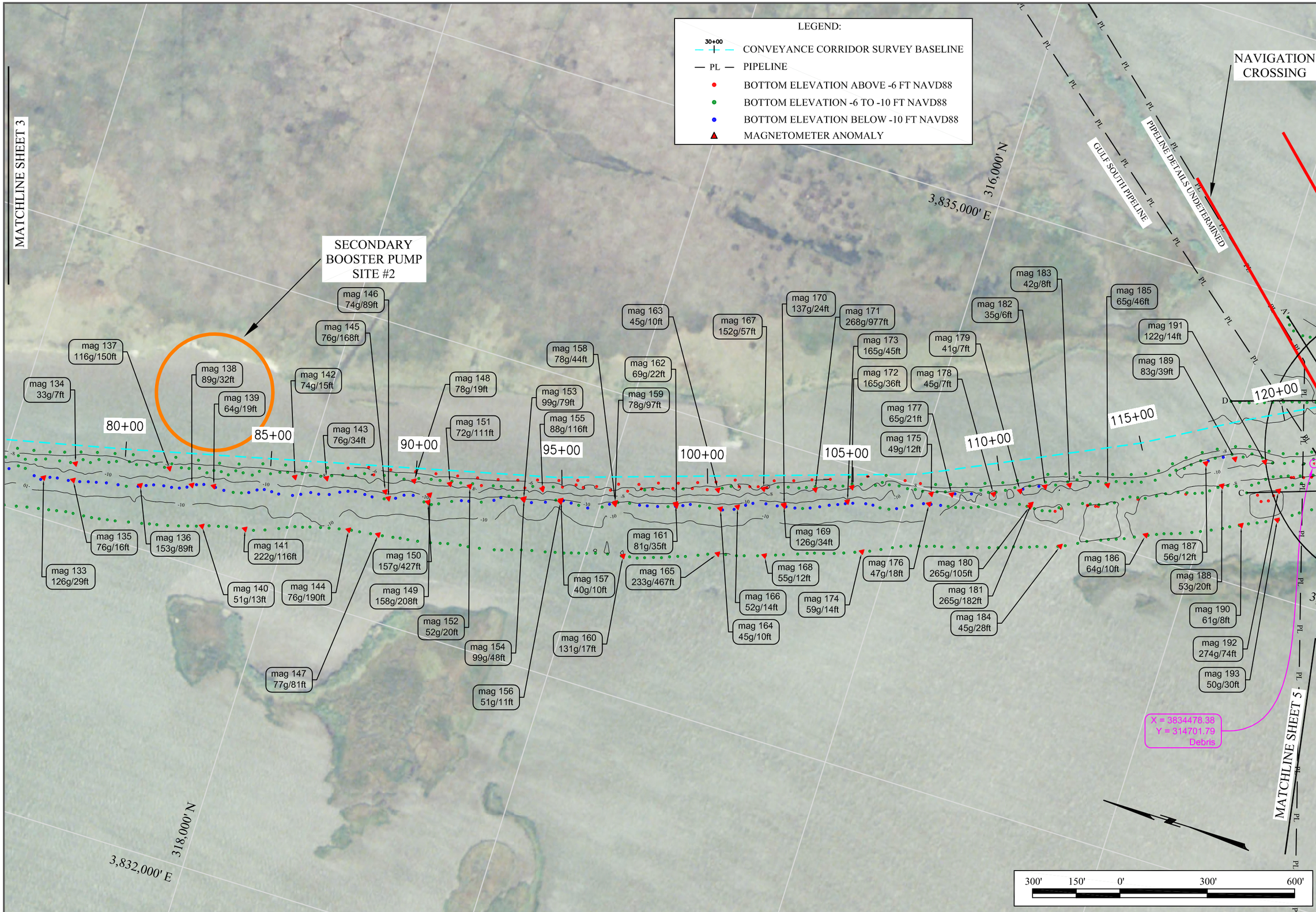

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PH: (239) 643-2324
FAX: (239) 643-1314
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104

STB GROUP, LLC
QUALITY BY DESIGN
P.O. BOX 1751
BATON ROUGE, LA. 70821
PHONE (225) 769-3400
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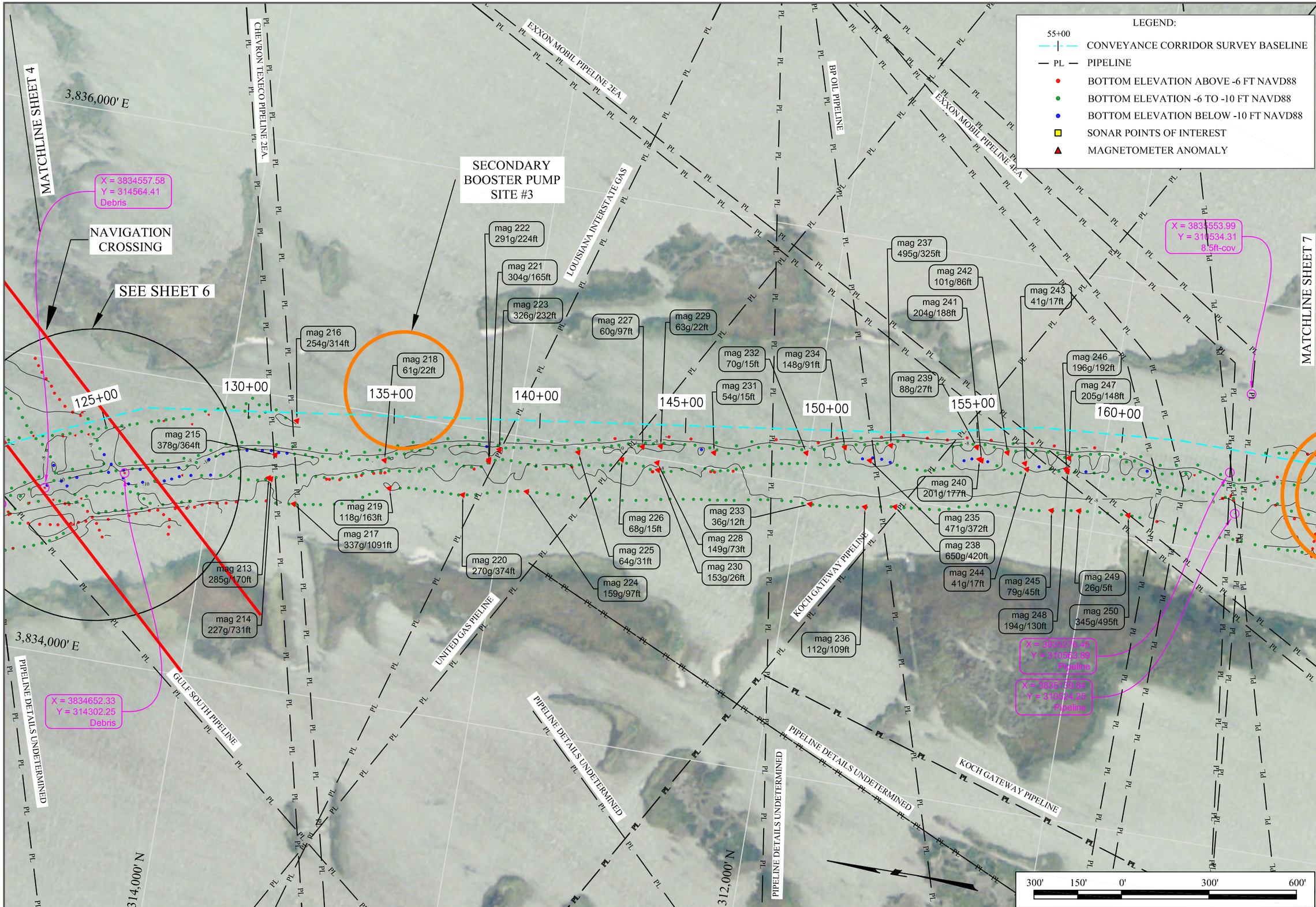

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COASTAL ENGINEERING CONSULTANTS INC.
PH: (239) 643-2324
FAX: (239) 643-5454
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104

STB GROUP, LLC
QUALITY BY DESIGN
P.O. BOX 1751
BATON ROUGE, LA. 70821
PHONE (225) 769-3400
FAX (225) 769-3596

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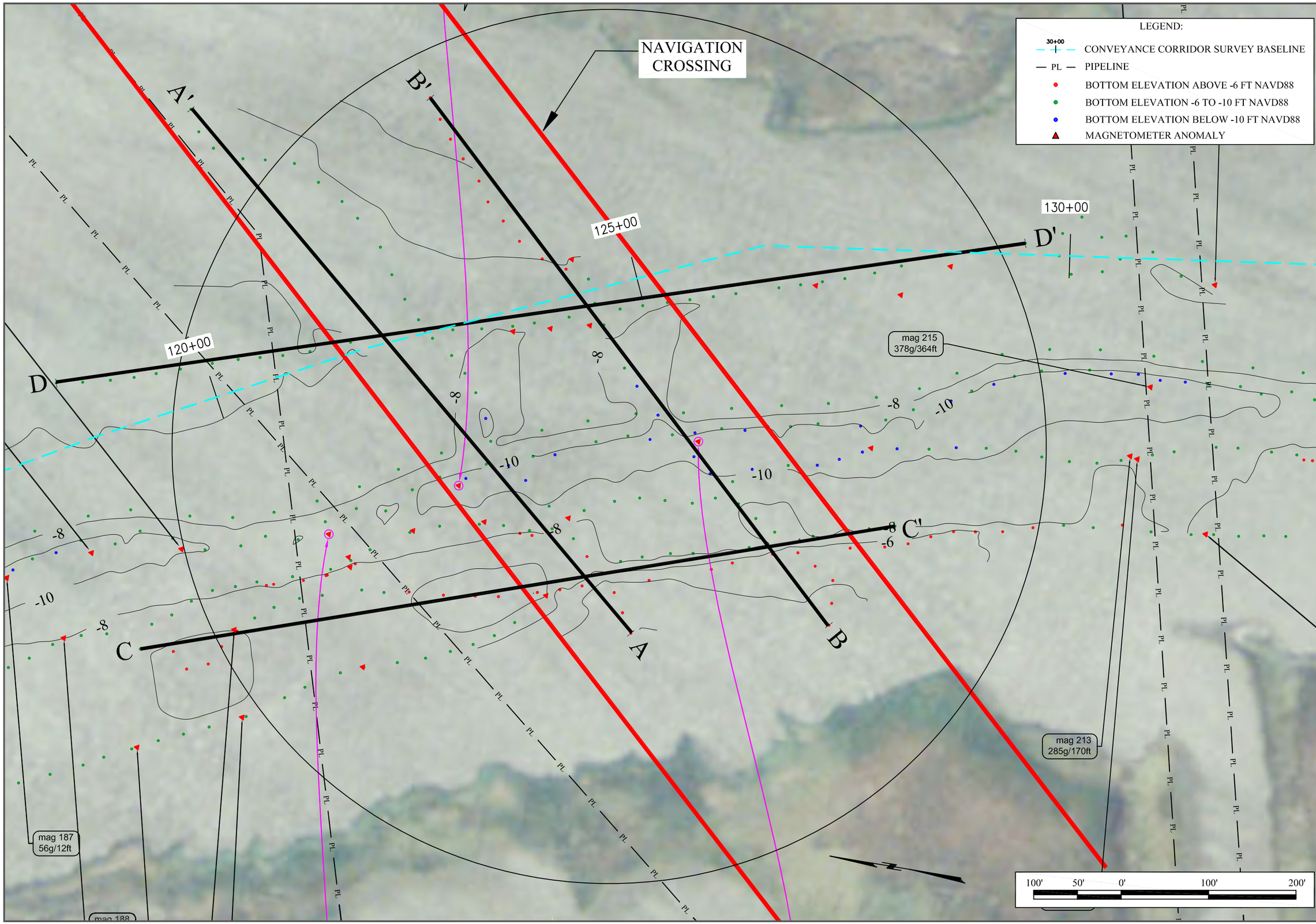

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COASTAL ENGINEERING CONSULTANTS INC.
PH: (239) 643-2324
FAX: (239) 643-1143
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104

STB GROUP, LLC
QUALITY BY DESIGN
P.O. BOX 1751
BATON ROUGE, LA. 70821
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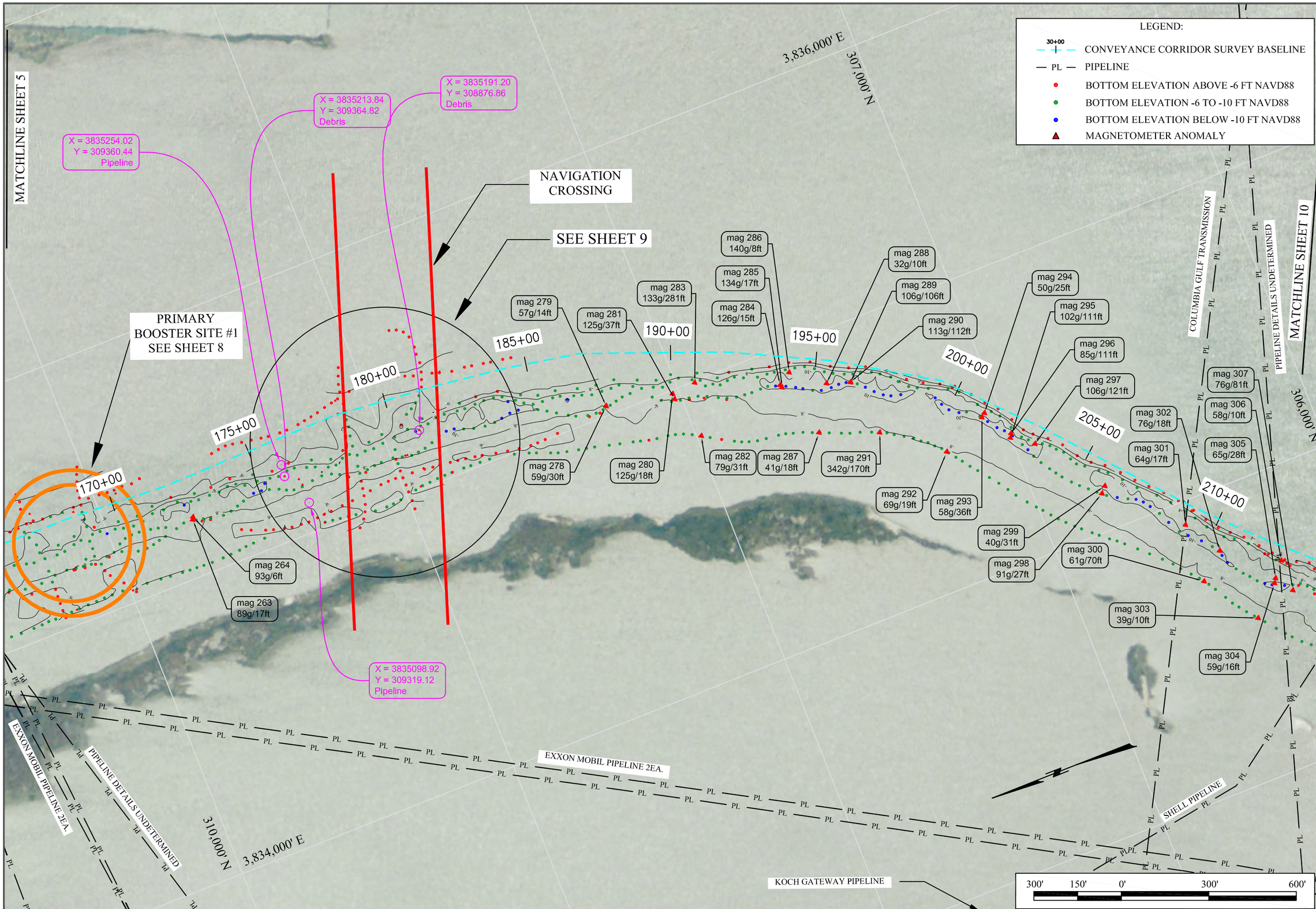

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COASTAL ENGINEERING CONSULTANTS INC.
PH: (239) 643-2324
FAX: (239) 643-1144
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104

STB GROUP, LLC
QUALITY BY DESIGN
P.O. BOX 1751
BATON ROUGE, LA. 70821
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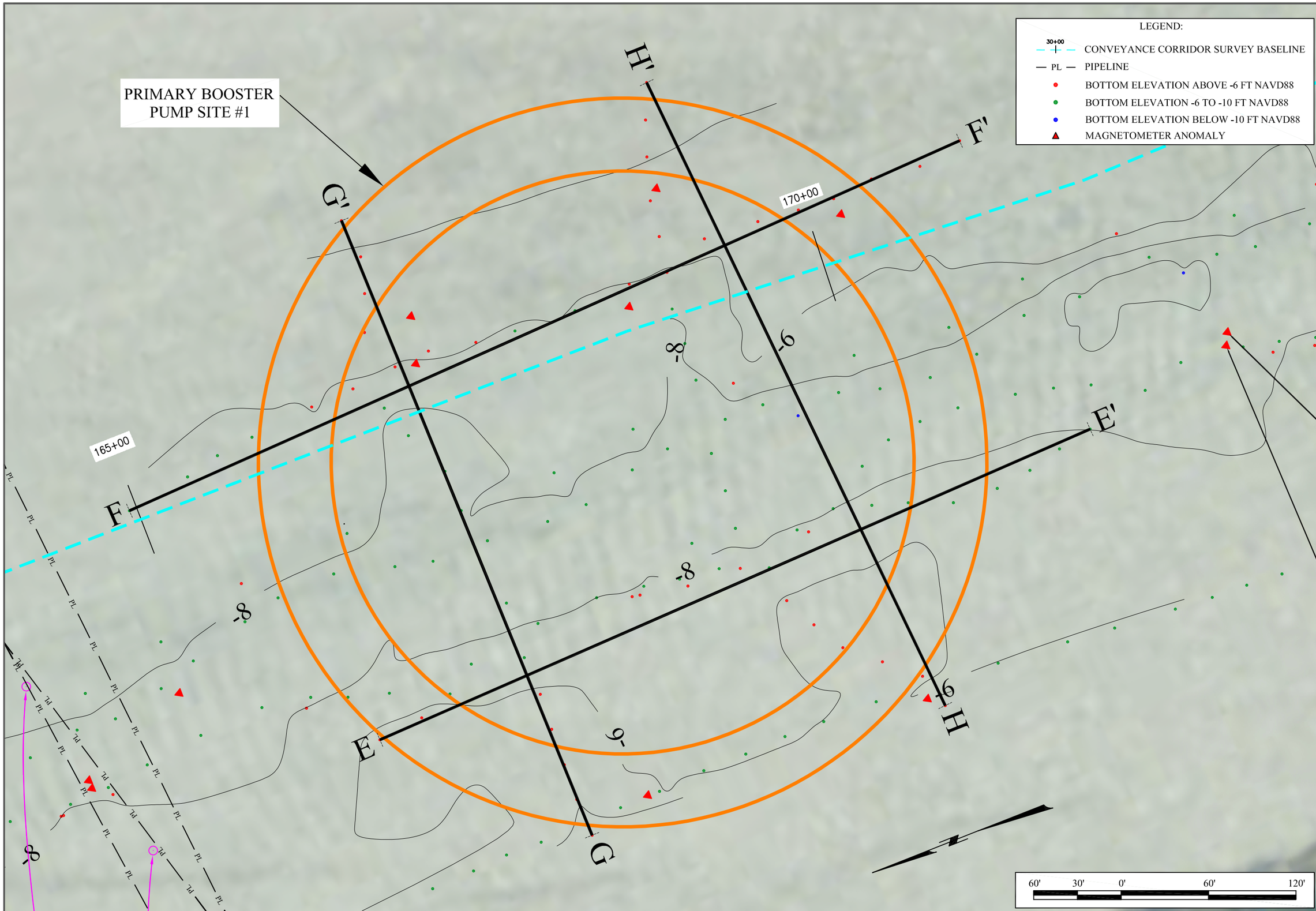

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NAPLES, FLORIDA 34104

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P.O. BOX 1751
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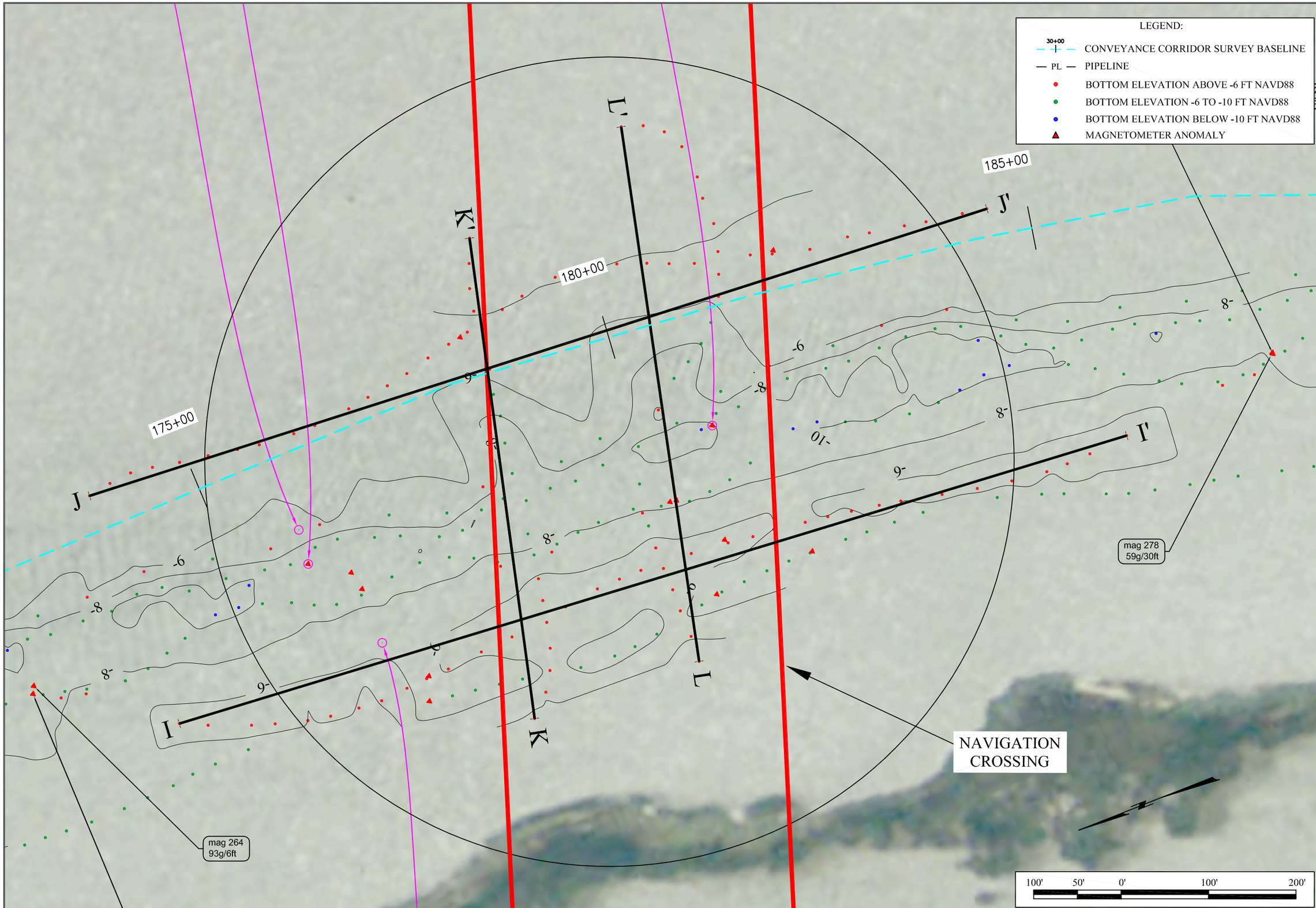

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SHEET 9 OF 32
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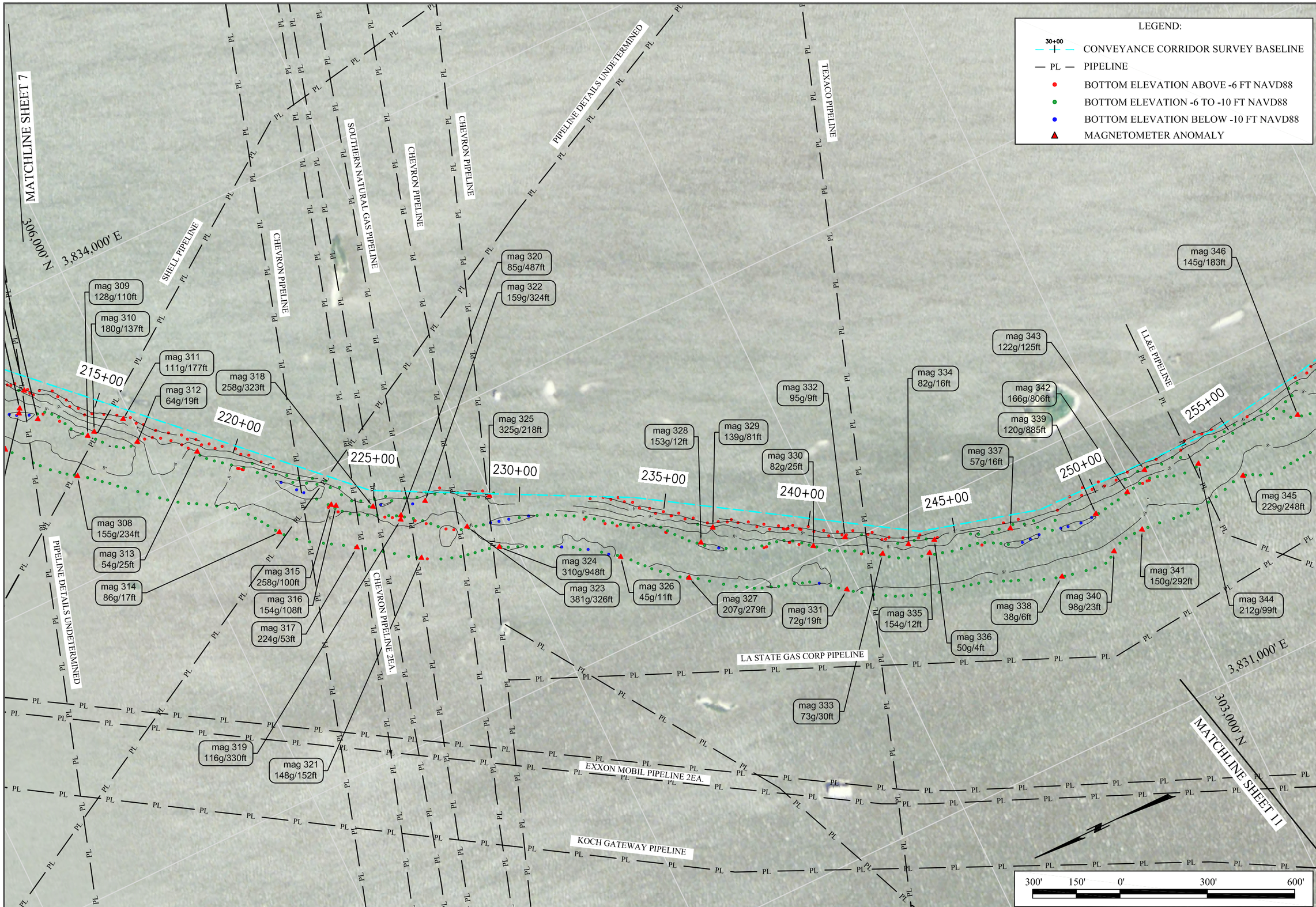

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