

SWG-2018-00943
 Cinco Natural Resources Corp.
 Pipeline Removal

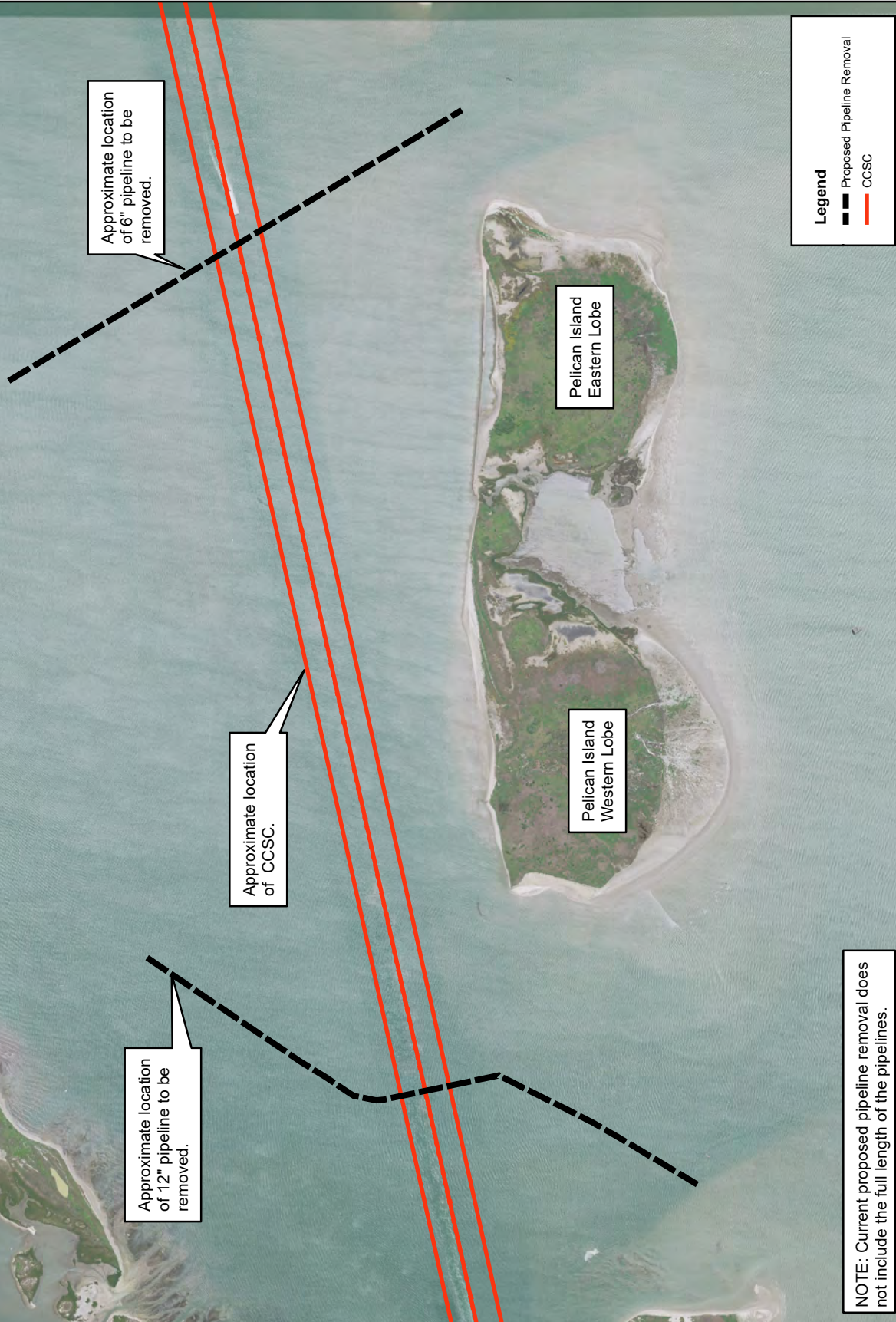
Mr. Dan Doherty
 Cinco Natural Resources Corp
 2008 N Council Ave
 Blanchard, OK 73010



Agent:
 Belaire Environmental, Inc.
 PO Box 741 Rockport, TX 78381
 April 2, 2019 page ____ of ____

Exhibit B
Pipeline Overview Map
Cinco Natural Resource Corporation

- Prepared by Belaire Environmental, Inc. April 2, 2019 (SKF).
- Basemap source NAIP 0.5 M aerial imagery, Nueces County, obtained from TNIRIS, 2014.
- For planning purposes only, not for construction.



Legend

- Proposed Pipeline Removal
- CCSC

NOTE: Current proposed pipeline removal does not include the full length of the pipelines.

Pelican Island Eastern Lobe

Pelican Island Western Lobe

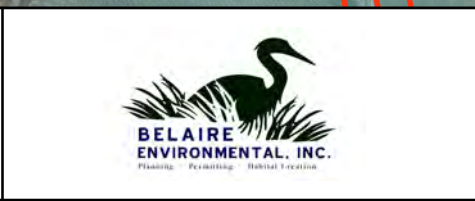
Approximate location of 12" pipeline to be removed.

Approximate location of CCSC.

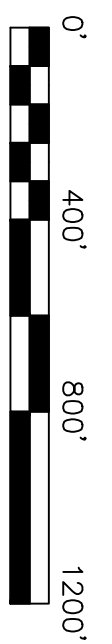
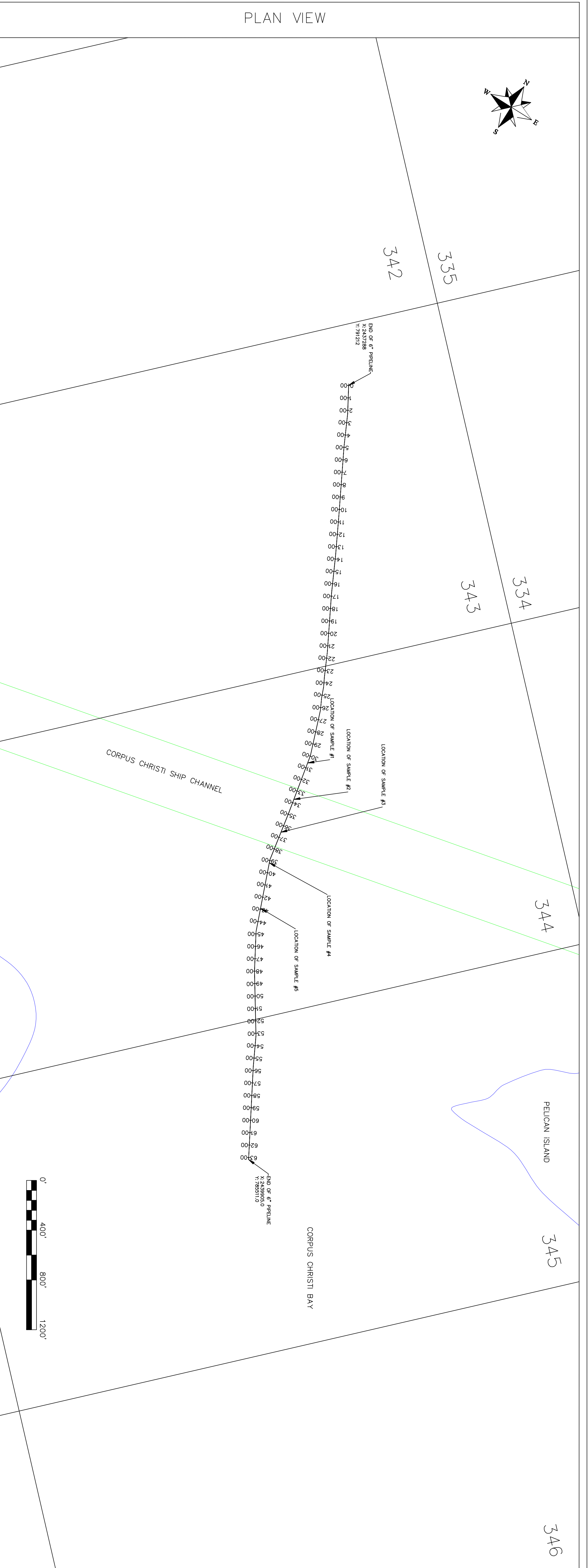
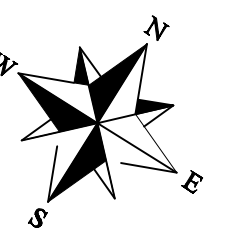
Approximate location of 6" pipeline to be removed.

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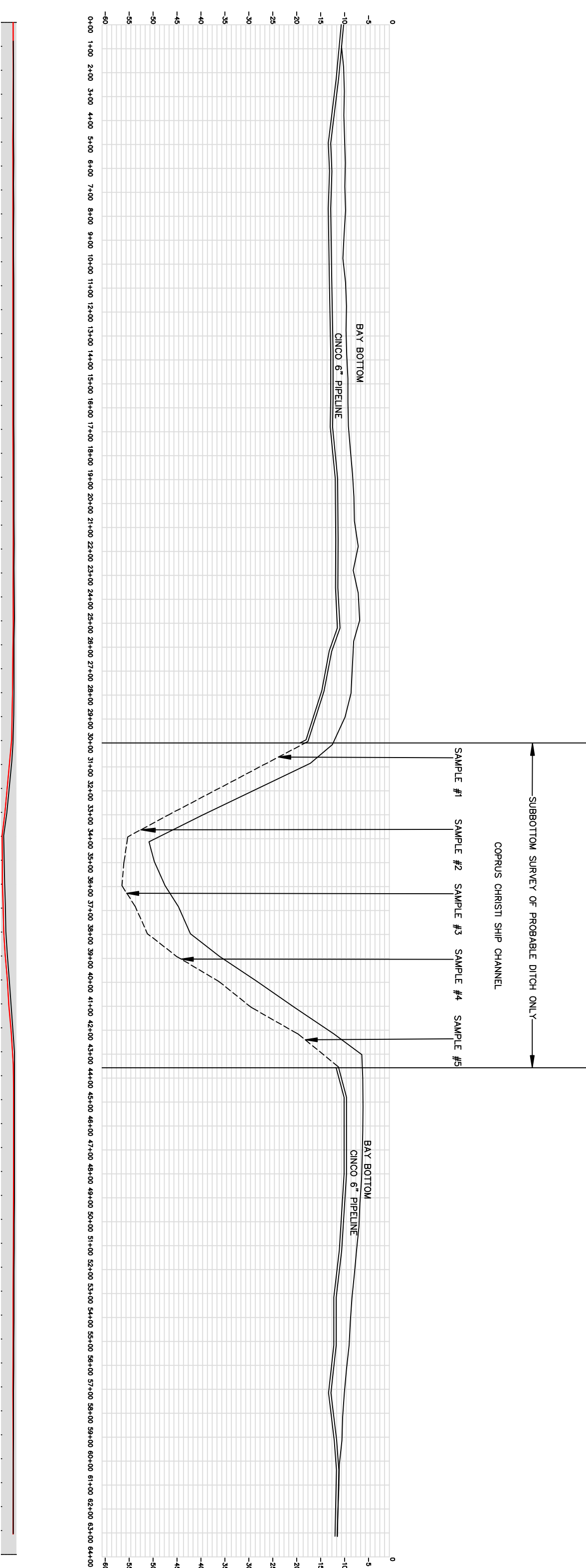
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PROFILE VIEW



SURVEY OF:

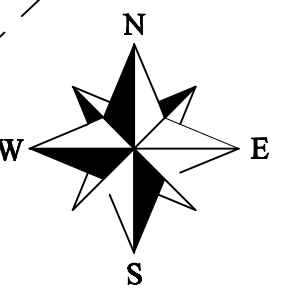
A 6,314 FOOT OF AN 6" PIPELINE FOR:
CINCO NATURAL RESOURCES, INC.

- NOTES:**
1. COORDINATES ARE BASED ON STATE PLANE COORDINATE SYSTEM OF 1927, TEXAS SOUTH ZONE 4205, US FEET.
 2. ELEVATIONS ARE BASED ON NAVD '88 DATUM.
 3. MEASUREMENTS WERE TAKEN AT A MAXIMUM OF 200 FOOT INTERVALS ALONG THE PIPELINE CENTERLINE.

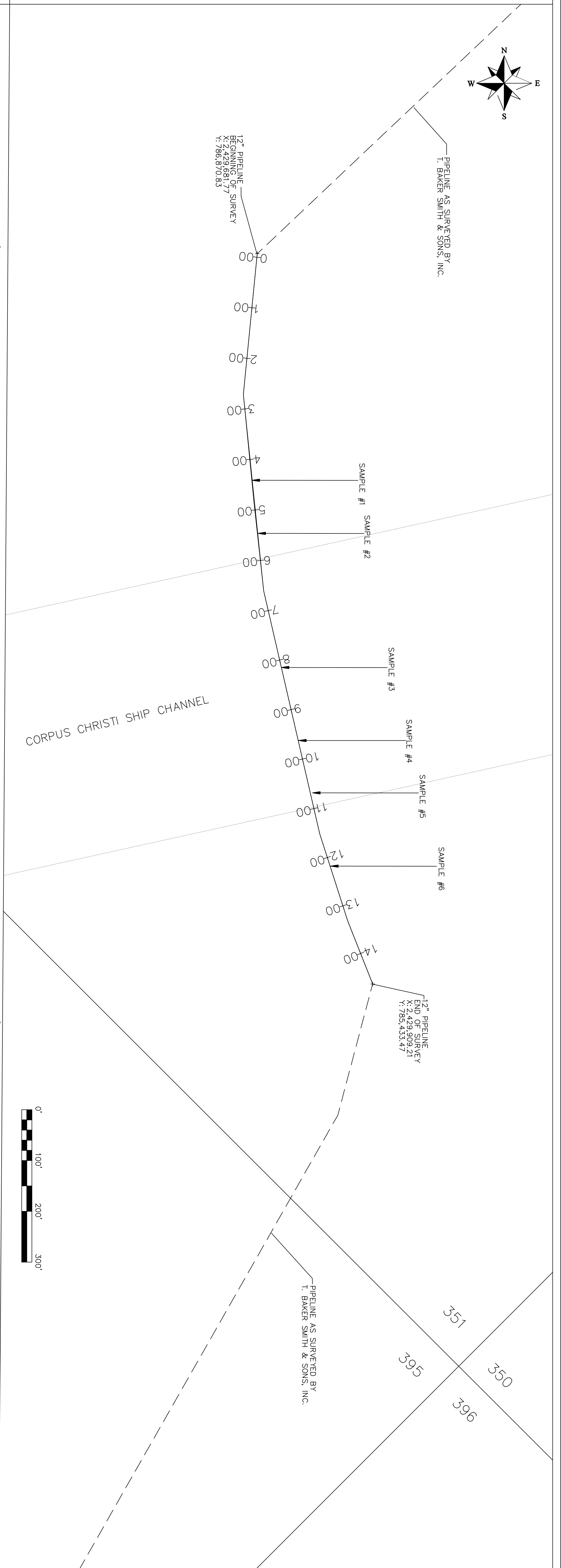
VERTICAL SCALE: 1" = 5'	DATE: 3/27/2009	HORIZONTAL DATUM NAD '27 ZONE TSA205 US FEET
HORIZONTAL SCALE: 1" = 400'	DRAWN BY: MDJ	VERTICAL DATUM NAVD '88

Naismith Marine Services
 Sea Floor Surveying

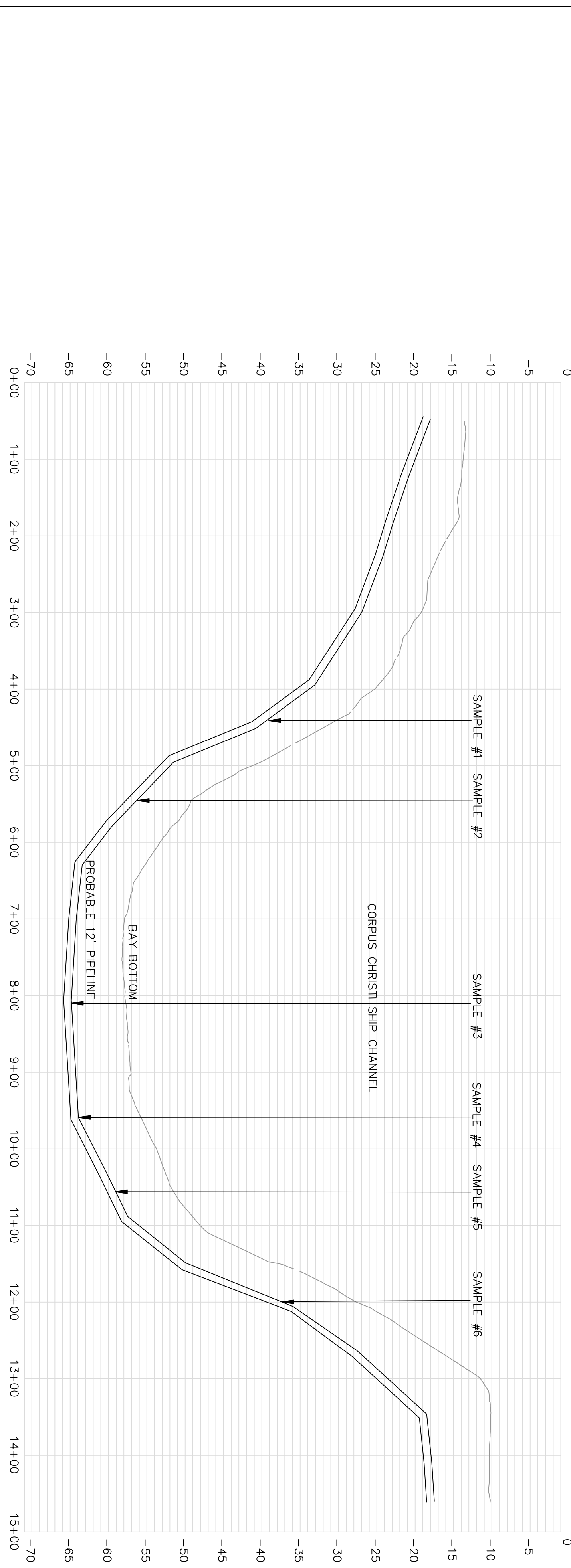
606 Hopper Drive, Corpus Christi Texas 78411
 (361) 945-0248 (361)-688-6785



PLAN VIEW



PROFILE VIEW



606 Hopper Drive, Corpus Christi Texas 78411
 (361) 945-0248 (361)-688-6785

SURVEY OF:

1,463 FOOT OF AN 12" PIPELINE FOR:
CINCO NATURAL RESOURCES, INC.

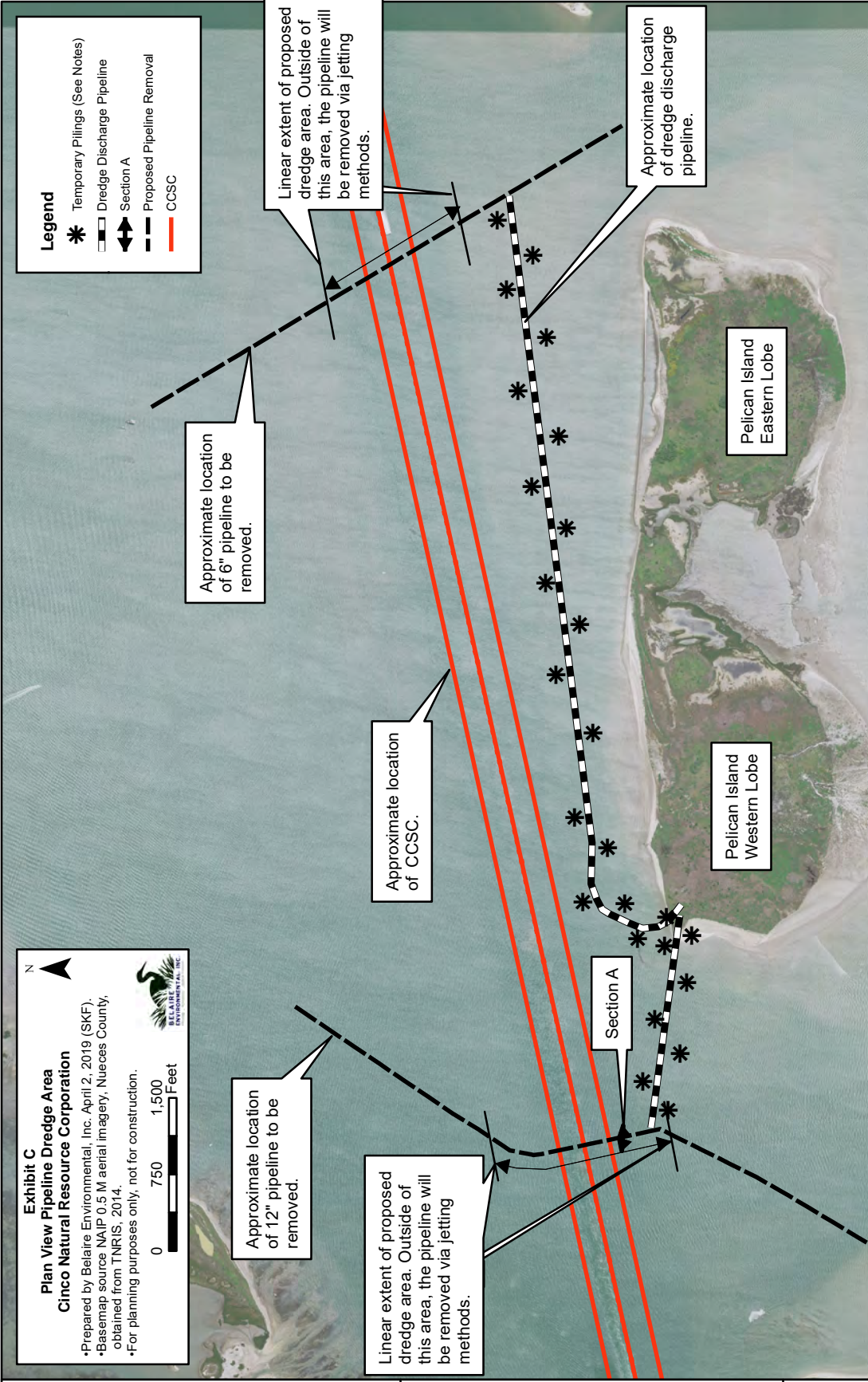
SITUATED IN STATE TRACT 351
 LOCATED IN CORPUS CHRISTI BAY, TEXAS

- NOTES:**
- COORDINATES ARE BASED ON STATE PLANE COORDINATE SYSTEM OF 1927, TEXAS SOUTH ZONE 4205, US FEET.
 - ELEVATIONS ARE BASED ON NAVD '88 DATUM.
 - MEASUREMENTS WERE TAKEN AT A MAXIMUM OF 50 FOOT INTERVALS ALONG THE PIPELINE CENTERLINE.

VERTICAL SCALE: 1" = 10'	DATE: 4/09/2009	HORIZONTAL DATUM NAD '27 ZONE 154205 US FEET
HORIZONTAL SCALE: 1" = 100'	DRAWN BY: MDJ	VERTICAL DATUM NAVD '88



351
 395
 350
 396



Legend


- * Temporary Piliings (See Notes)
- Dredge Discharge Pipeline
- ↔ Section A
- - - Proposed Pipeline Removal
- CCSC

Notes:

- Dredge area is approximately 12.5 feet on either side of the the pipeline. Depth of cover ranges from approximately 3 to 9.5 feet.
- Approximately 15,000 cubic yards of material will be dredged.
- Temporary piliings will be placed as necessary to ensure that pipes remain stable, intact, and undamaged during ship passages in the CCSC.
- Typically temporary piliings will be placed at 100-foot intervals on alternating sides of the pipe. At some locations more piliings may be required including placement of piliings opposite each other and including a closer spacing than 100 feet.
- Final number of temporary piliings and placement locations will be at the sole discretion of the contractor to ensure the integrity of the lines and the safety of vessels and personnel.
- Temporary piliings will avoid impacts to wetlands and seagrass, if any.
- Discharge pipeline route will avoid all wetlands. Adjustments in the actual pipeline route will be made as necessary to ensure safety and to avoid impacts.

Exhibit C
Plan View Pipeline Dredge Area
Cinco Natural Resource Corporation

- Prepared by Belaire Environmental, Inc. April 2, 2019 (SKF).
- Basemap source: NADP 0.5 M aerial imagery, Nueces County, obtained from TNIRIS, 2014.
- For planning purposes only, not for construction.



0 750 1,500 Feet

Approximate location of 12" pipeline to be removed.

Linear extent of proposed dredge area. Outside of this area, the pipeline will be removed via jetting methods.

Section A

Pelican Island Western Lobe

Pelican Island Eastern Lobe

Approximate location of 6" pipeline to be removed.

Approximate location of CCSC.

Approximate location of dredge discharge pipeline.

Linear extent of proposed dredge area. Outside of this area, the pipeline will be removed via jetting methods.

NOTE: Current proposed pipeline removal does not include the full length of the pipelines.

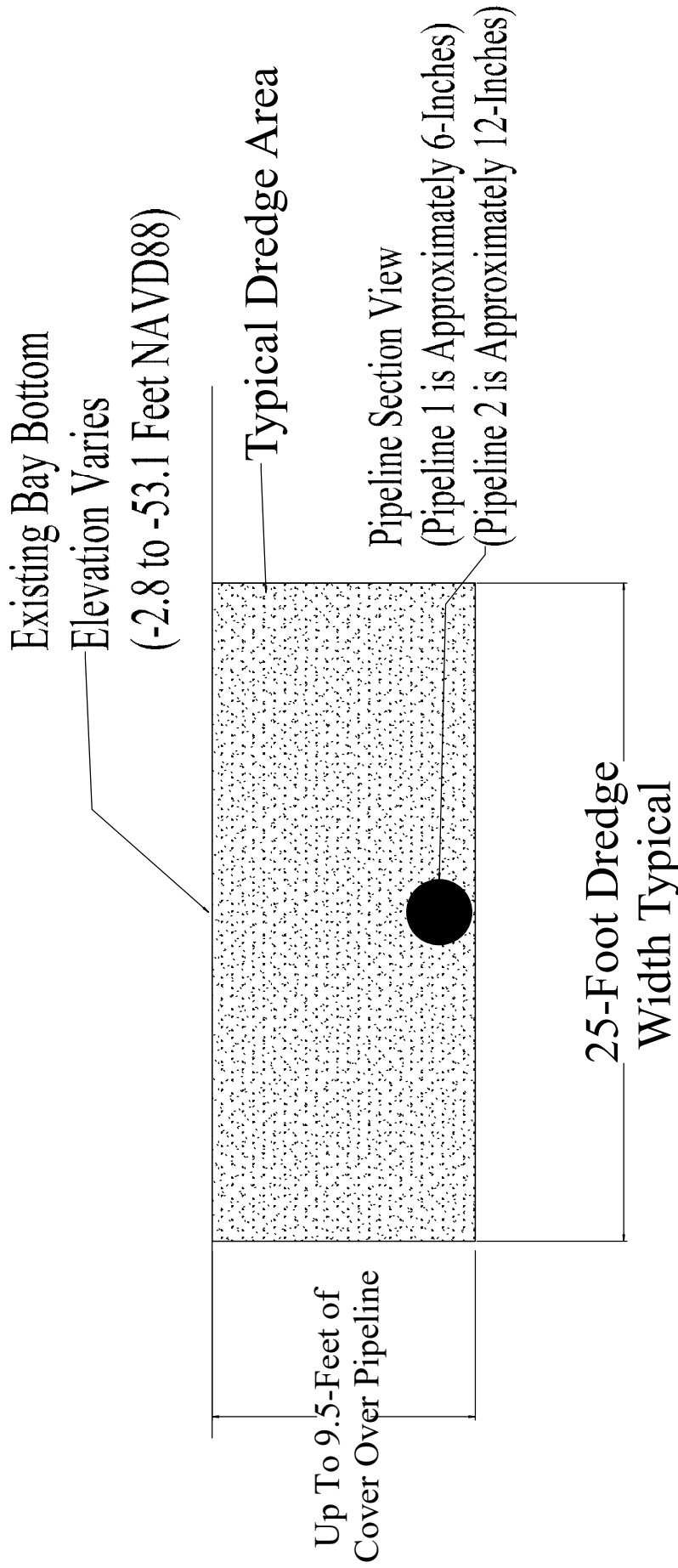
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Section A
Typical Dredge Area



- Dredge area is approximately 12.5 feet on either side of the pipeline and up to 10 feet of cover exists above pipeline.
- Approximately 15,000 cubic yards of material will be dredged.
- Discharge pipeline route will avoid all wetlands on Pelican Island's western lobe.
- For planning and permitting only, not for construction.

Not to Scale

Exhibit B
Cinco Natural Resources Corporation
Pelican Island
Vegetation Communities
Survey Overview Map

-Prepared by Belaire Environmental, Inc. October 29, 2018 (AP).
 -Basemap source NAIP 0.5 M aerial imagery, Nueces County, obtained from TNRS, 2014.
 -For planning purposes only, not for construction.

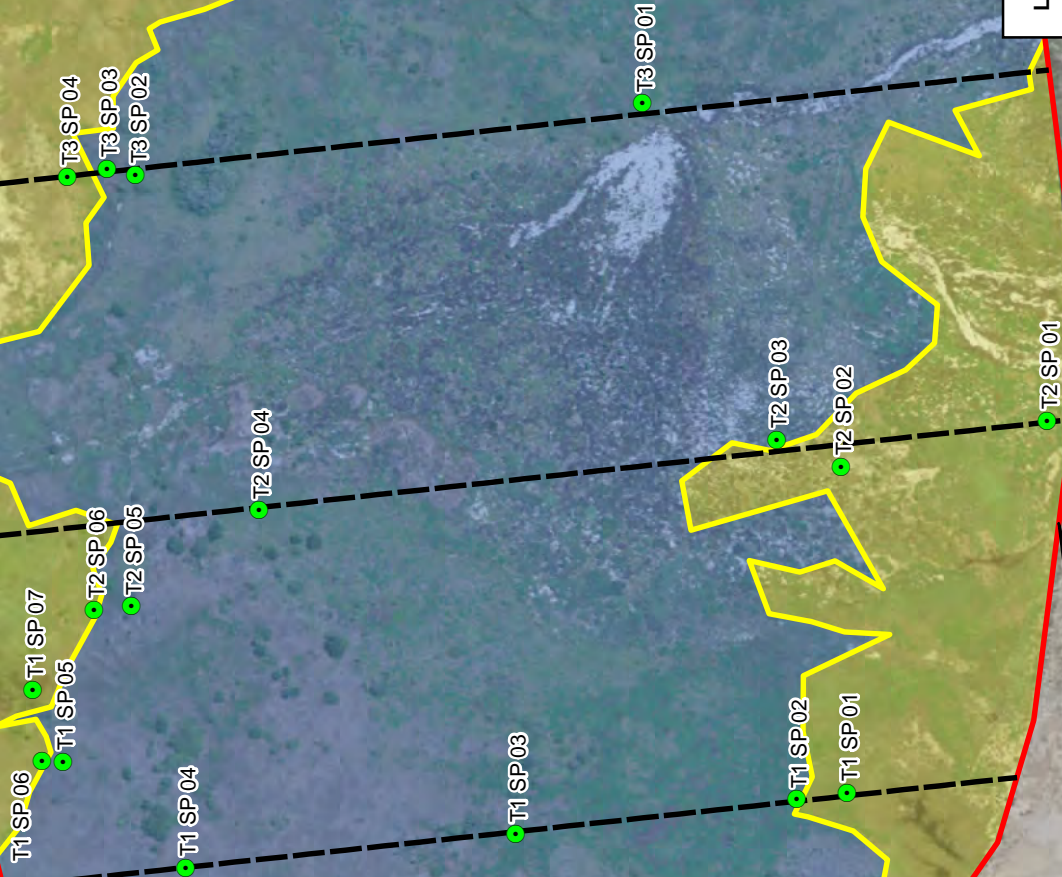
Wetland Dominated Vegetation
 (Approximately 24.29 Acres)

Wetland Boundary

Survey Transect

Legend

- Sample Point
- Pelican Island Survey Transect
- Pelican Survey Area
- Wetland Boundary
- Vegetation Community A (Approx. 55.54 Acres)
- Vegetation Community B (Approx. 24.29 Acres)





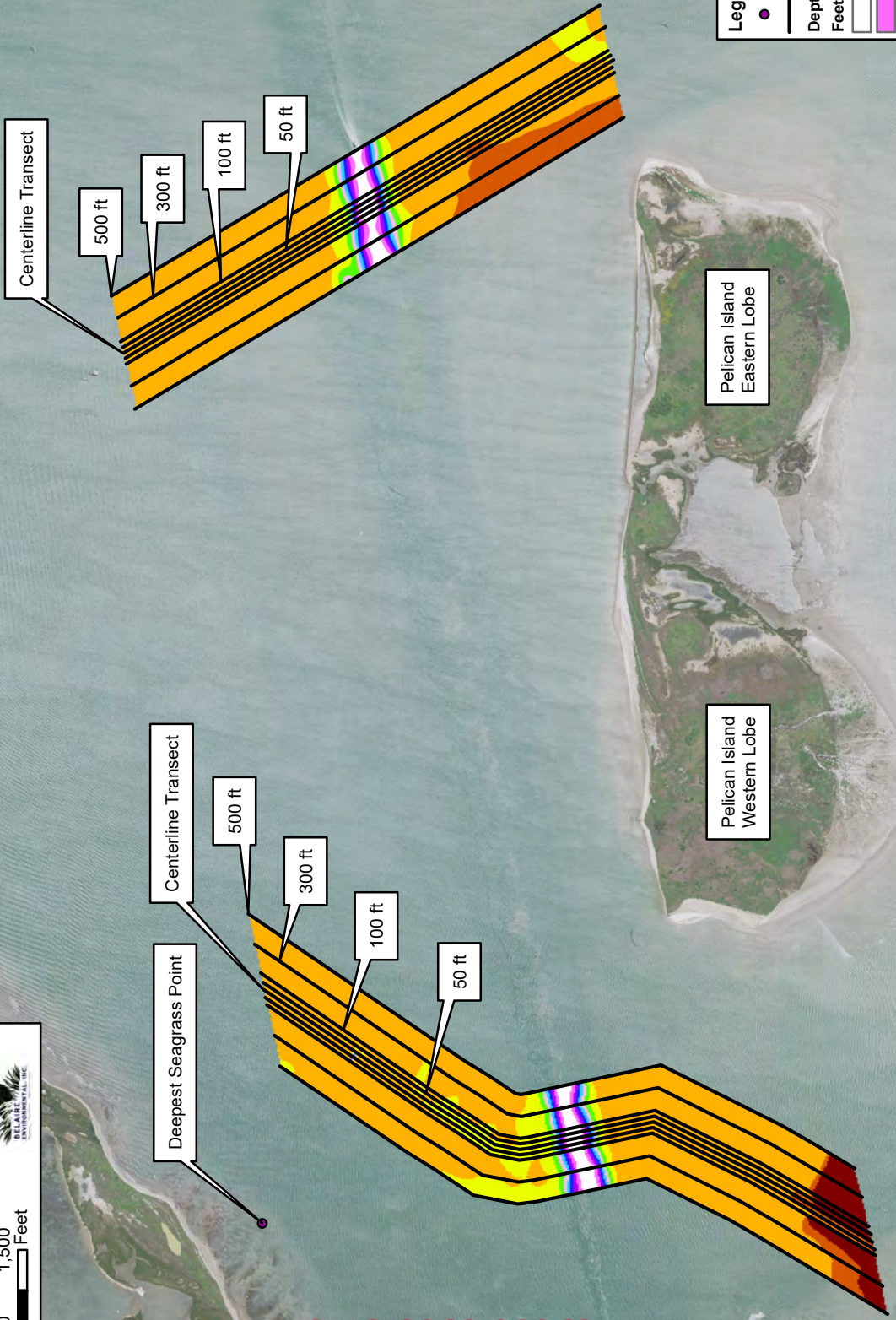
Upland Dominated Vegetation
 (Approximately 55.54 Acres)

Survey Boundary
 (Approximately 80 Acres)

Survey Boundary
 (Approximately 80 Acres)

Exhibit 3.
Cinco Natural Resources Corporation
Sensitive Resources Survey Results Map

- Prepared by Belaire Environmental, Inc. November 20, 2018 (AP).
- Basemap source NAIP 0.5 M aerial imagery, Nueces County, obtained from TNIRIS, 2014.
- For planning purposes only, not for construction.

Legend

- Deepest Seagrass Point
- Survey Transects_Pipelines

Depth Contour

Feet NAVD 88

White	-50.98355103 --45
Pink	-44.99999999 --40
Purple	-39.99999999 --35
Blue	-34.99999999 --30
Cyan	-29.99999999 --25
Light Green	-24.99999999 --20
Green	-19.99999999 --15
Yellow	-14.99999999 --10
Orange	-9.99999999 --5
Dark Orange	-4.99999999 --2.5
Red	-2.499999999 - 0

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NOTE:
 -Drawing does not depict full length of the pipelines.
 -No seagrass or oyster reefs encountered within the survey area.