



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT  
7400 LEAKE AVENUE  
NEW ORLEANS LA 70118-3651

June 3, 2024

Regulatory Division  
Central Evaluation Branch

Project Manager: Kenny Blanke  
(504) 862-1217  
Kenneth.G.Blanke@usace.army.mil

Application #: MVN-2023-000900-CQ

## **PUBLIC NOTICE**

Interested parties are hereby notified that a permit application has been received by the U.S. Army Corps of Engineers (USACE), New Orleans District (CEMVN) pursuant to: [ X ] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [ X ] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

### **ADDENDUM TO PUBLIC NOTICE ISSUED APRIL 1, 2024**

#### **INSTALL AND MAINTAIN 20-INCH CARBON DIOXIDE PIPELINE IN ASCENSION AND IBERVILLE PARISHES**

**NAME OF APPLICANT:** Denbury Gulf Coast Pipelines, LLC, c/o BGE, Inc., Attn: Mr. Grant Barber, 102 Whitetail Run, Bullard, Texas 75757.

**LOCATION OF WORK:** On an approximate 11.5-acre site, located east of White Castle beginning at an existing Denbury pipeline approximately 3.43 miles northwest of the intersection of LA Highway 1 and LA Highway 405 (30.159684 N, -91.075364 W), then heading easterly terminating northwest of Donaldsonville at the proposed Clean Hydrogen Works (CHW) Ascension Clean Energy Project (MVN-2023-00647-CQ) approximately 2.73 miles northwest of the intersection of LA Highway 1 and LA Highway 405 (30.155376 N -91.057483 W), near Donaldsonville, in Ascension and Iberville Parishes, Louisiana, as shown within the attached drawings. (Hydrologic Unit Code 08090302, Lower Mississippi River Basin, West Central Coastal Louisiana Watershed).

**CHARACTER OF WORK:** The proposed project is being readvertised due to additional jurisdictional wetland impacts as a result of the CEMVN finalized jurisdictional determination. Approximately 0.31 acre and 0.06 acres of permanent impacts to emergent and forested, respectively, have been added in the below project description. The applicant is proposing to install and maintain an approximate 1.2-mile long, 20-inch carbon dioxide pipeline. The proposed project would utilize an approximate 75-foot-

wide right-of-way (50-foot permanent, 25-foot temporary construction). The project purpose is to connect Denbury's existing Green Pipeline system to the proposed CHW Ascension Clean Energy Project. The proposed connection would be used to capture and sequester carbon dioxide that would normally be released to the atmosphere during the proposed facility operations. The proposed project would have a capacity of approximately 360 million standard cubic feet per day. The proposed pipeline would temporarily impact approximately 0.48 acre of herbaceous wetlands. The project proposes to impact via permanent conversion approximately 6.0 acres of forested wetlands converted to maintained herbaceous wetlands within the proposed 50-foot permanent right-of-way. Temporary conversion impacts to approximately 3.84 acres of forested wetlands are proposed within the 25-foot construction right-of-way. Approximately 0.43 acre of herbaceous wetlands and 0.76 acre of forested wetlands are proposed to be impacted permanently via fill placement. Approximately 67.26 linear feet of ephemeral streams and 17 linear feet of intermittent streams are proposed to be impacted as a result of the project. Approximately 4,344 cubic yards of earthen fill material and 1,448 cubic yards of gravel material would be placed as fill in wetlands and Other Waters areas for the project.

**MITIGATION:** The applicant proposes to avoid direct impacts and minimize secondary impacts to wetlands to the maximum extent practicable. For compensation for unavoidable wetland impacts, the applicant proposes to use a Corps approved mitigation bank within the watershed of impact.

The comment period on the requested Department of the Army Permit will close **20** days from the date of this public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit request, and must be submitted so as to be received before or by the last day of the comment period. Letters and/or comments concerning the subject permit application must reference the Applicant's Name and the Permit Application Number and can be preferably emailed to the CEMVN project manager listed above or forwarded to the CEMVN at the address above, ATTENTION: REGULATORY DIVISION, RGC, **Kenny Blanke**. Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension and received by this office prior to the end of the initial comment period. The Branch Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and inclusive of the initial comment period, will not exceed a total of 30 calendar days. This public notice is also available for review online at <https://go.usa.gov/xennJ>

### **Corps of Engineers Permit Criteria**

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization

of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

CEMVN is soliciting comments from area residents, the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the CEMVN to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on communities with environmental justice concerns, endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. Further, all factors that may be relevant to the proposal will be considered, including the potential cumulative effects associated with the proposed project.

CEMVN is presently unaware of properties listed on the National Register of Historic Places at or near the proposed work but is pending further review in accordance with the National Historic Preservation Act. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. As deemed necessary, copies of this public notice will be sent to the State Archeologist, State Historic Preservation Officer, and federally listed tribes regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would have no effect on any species listed as endangered by the U.S. Department of Commerce, nor affect any habitat designated as critical to the survival and recovery of any such species.

Based on the Information Planning and Consultation (IPaC) tool for Endangered Species in Louisiana, as signed on January 27, 2020, between CEMVN and U.S. Fish and Wildlife Service, Ecological Services Office (USFWS), it has been determined that the proposed activity will have no effect on any known species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction, alteration, and/or disturbance of **0** acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or

federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

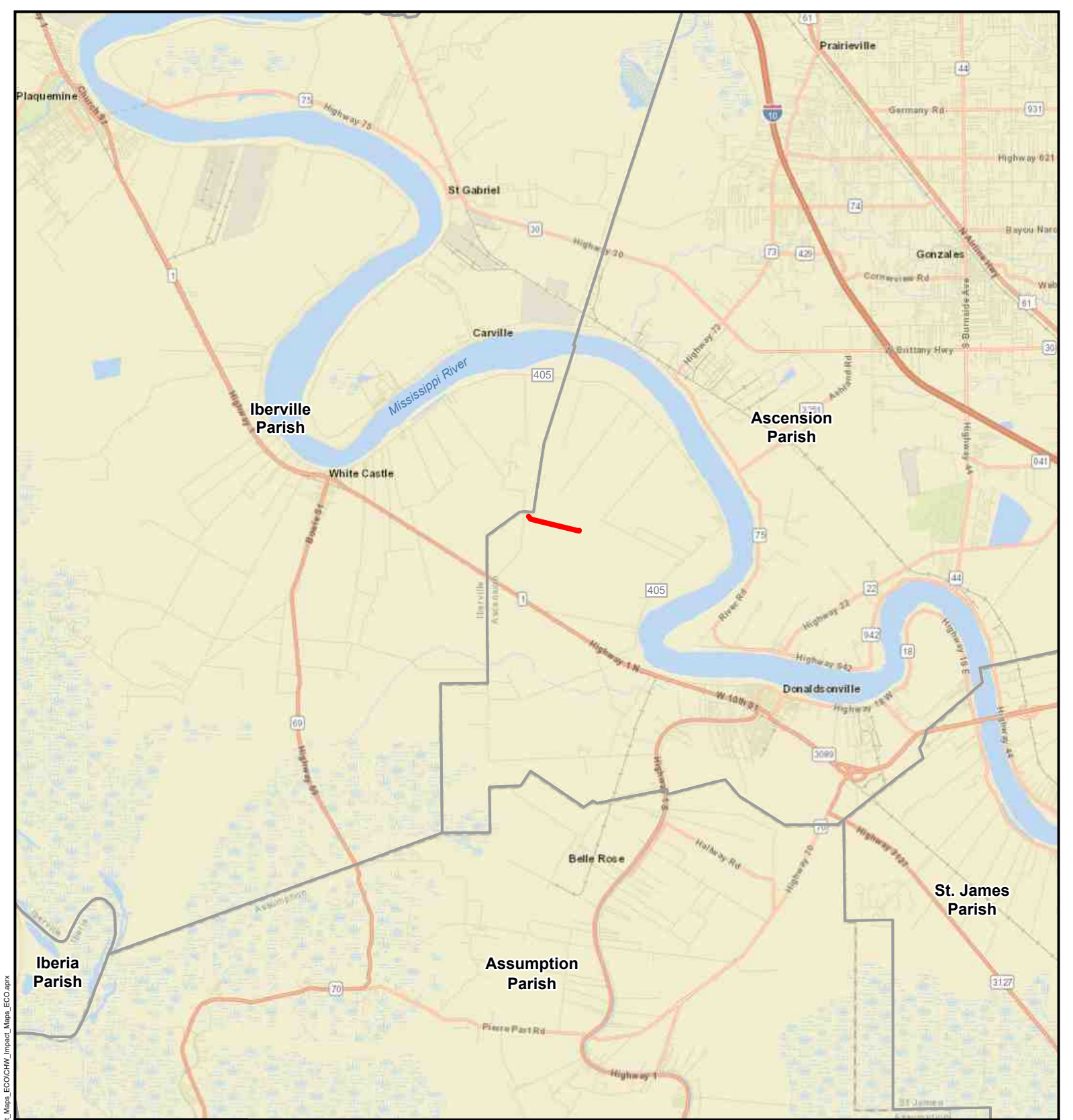
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the LA Department of Environmental Quality before a Department of the Army permit is issued.

Any person may request, (preferably by email to the project manager, or in writing), within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

You are invited to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

John M. Herman  
Chief, Central Evaluation Branch  
Regulatory Division

Enclosures




U:\Regions\TX\H\Departments\Technology Solutions\Projects\CHW\CHW\_Impact\_Maps\_ECO\CHW\_Impact\_Maps\_ECO.aprx



Datum: NAD 1983  
Projection: StatePlane  
Louisiana South  
Units: Feet  
Basemap: ESRI Street Map 2023



- Proposed Alignment
- Parish Boundary

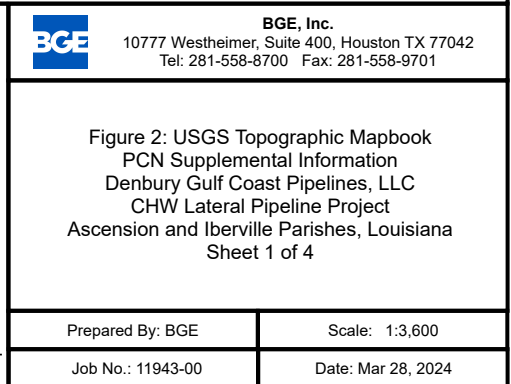
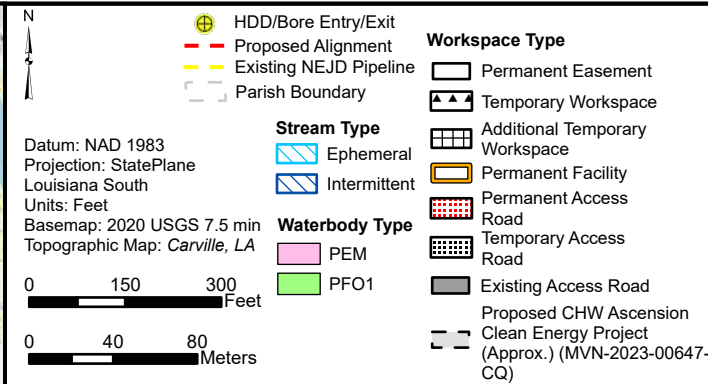
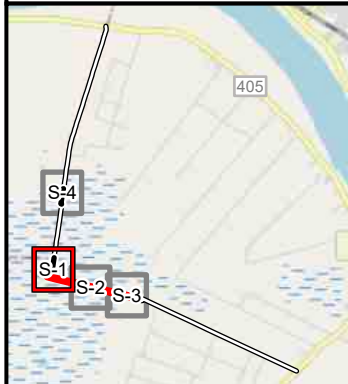
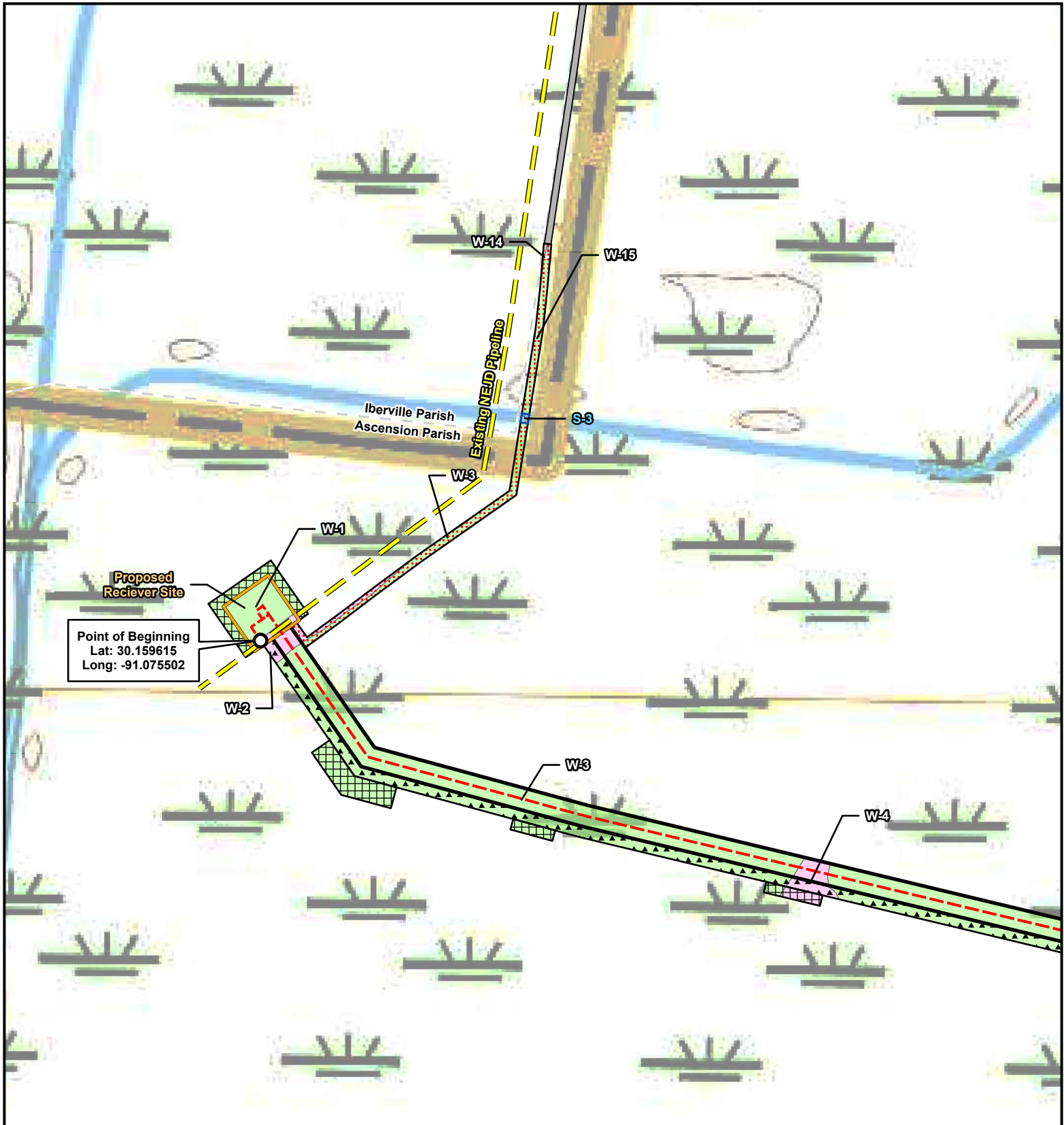


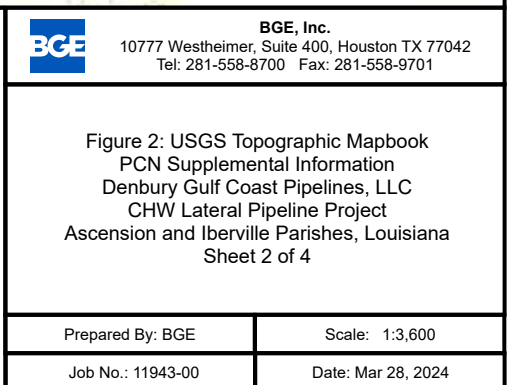
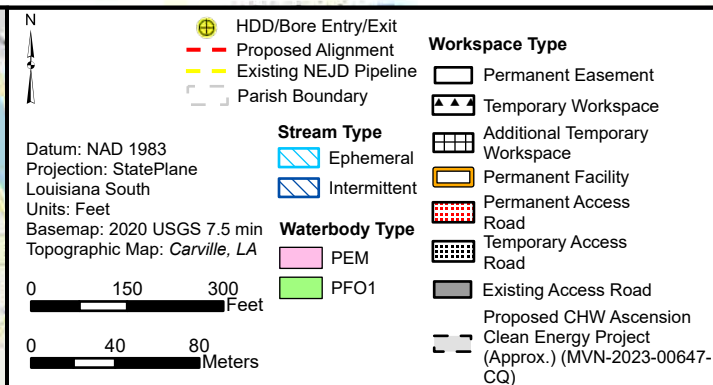
**BGE, Inc.**  
10777 Westheimer, Suite 400, Houston TX 77042  
Tel: 281-558-8700 Fax: 281-558-9701

Figure 1: Vicinity Map  
PCN Supplemental Information  
Denbury Gulf Coast Pipelines, LLC  
CHW Lateral Pipeline Project  
Ascension and Iberville Parishes, Louisiana

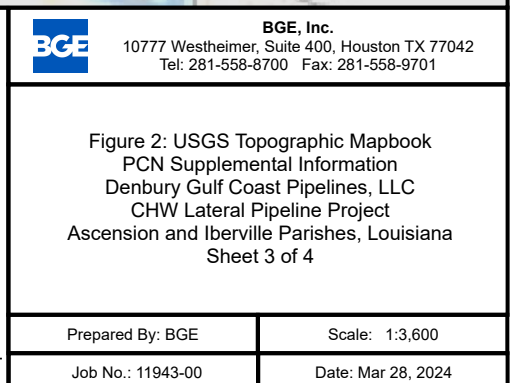
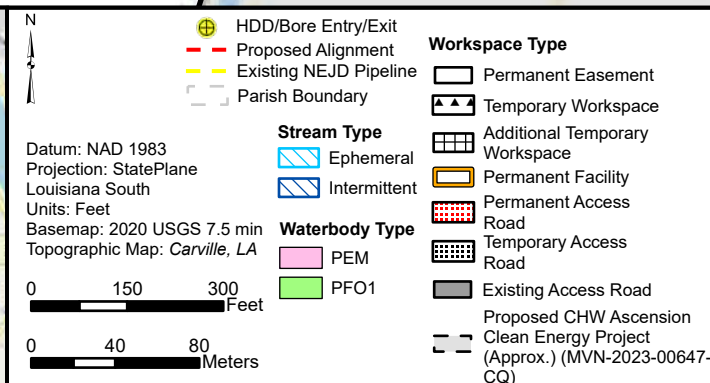
Prepared By: BGE	Scale: 1:200,000
Job No.: 11943-00	Date: Mar 28, 2024





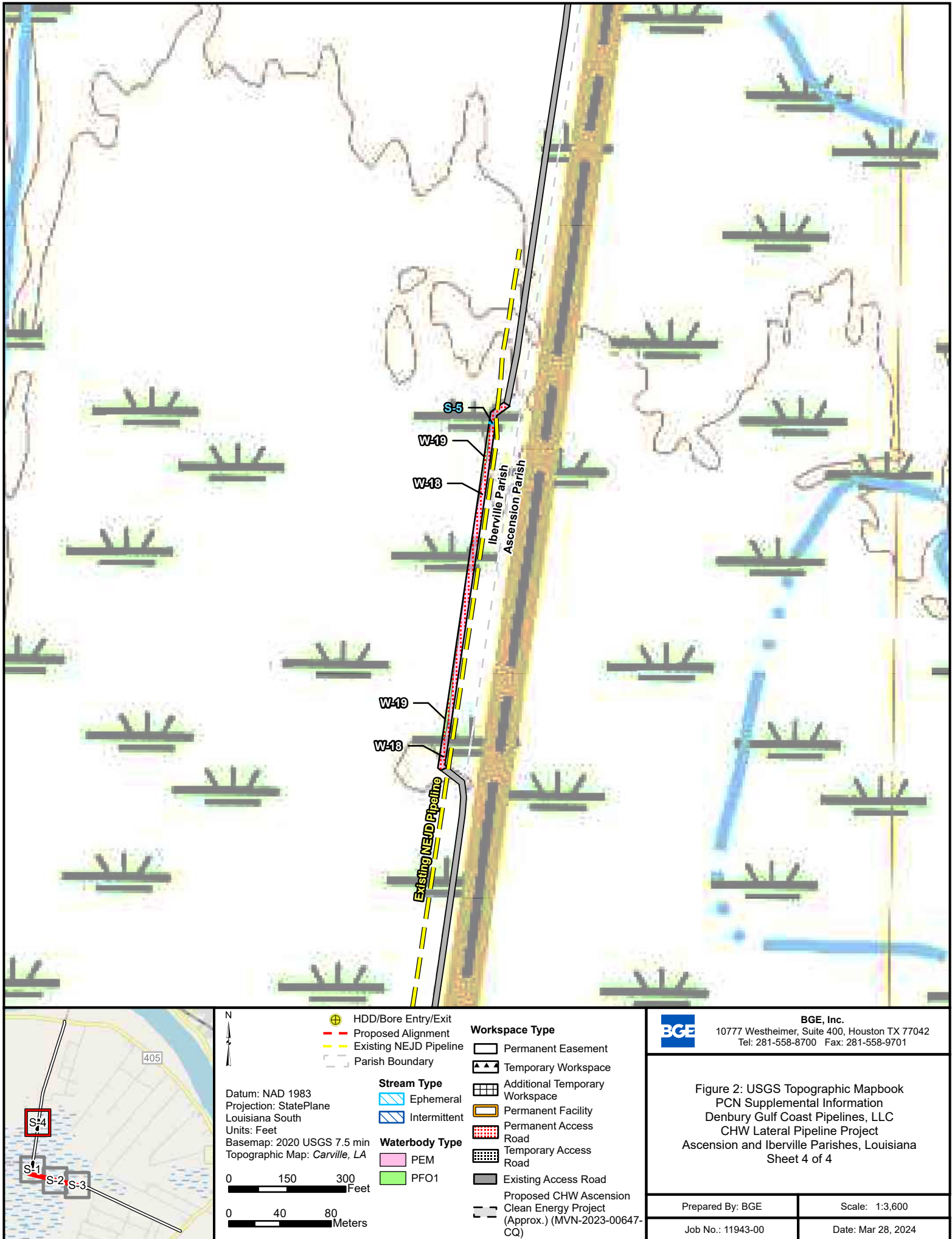






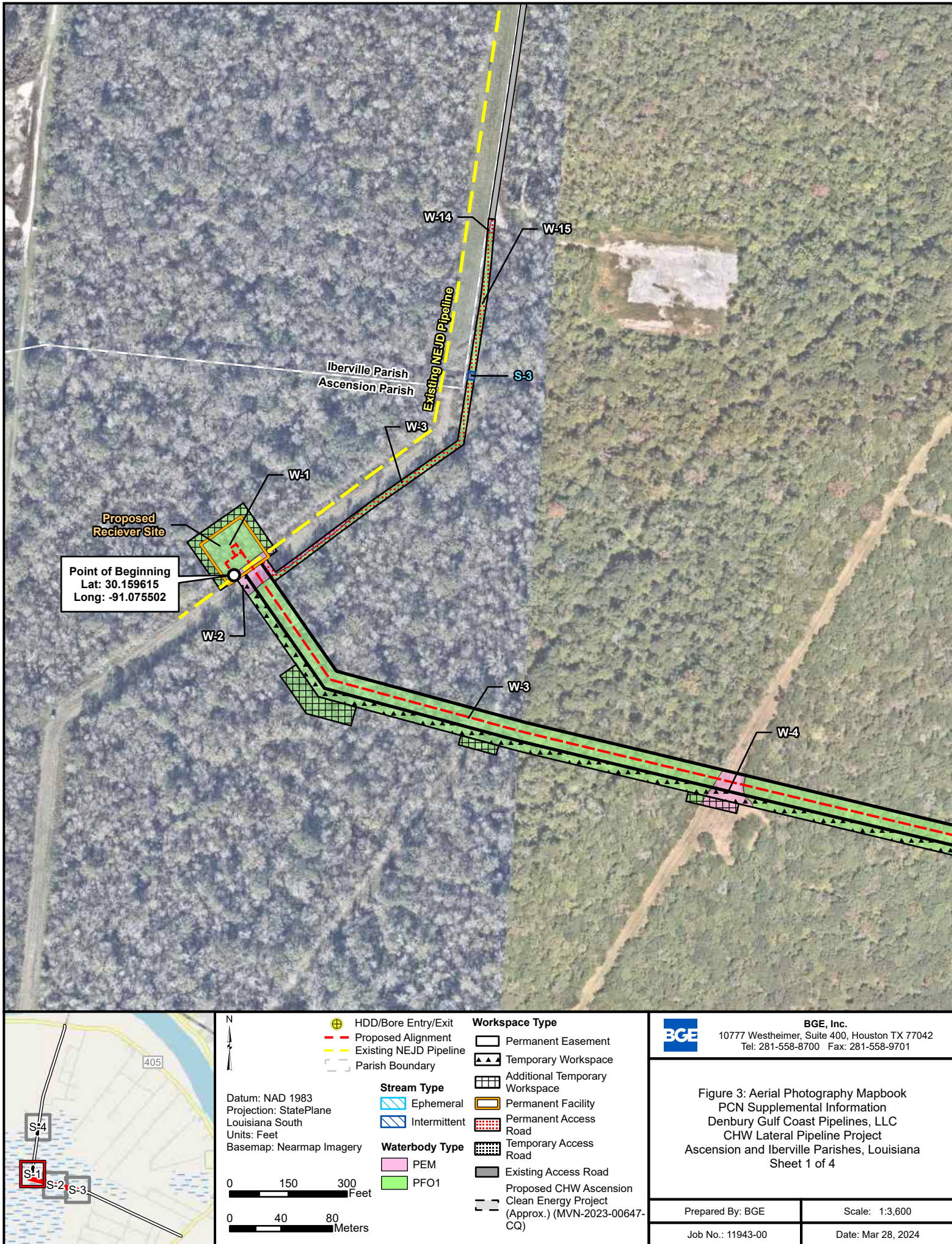


U:\Regions\TX\H\Departments\Technology Solutions\Projects\CHW\CHW\_Impact\_Maps\_ECO\CHW\_Impact\_Maps\_ECO.aprx

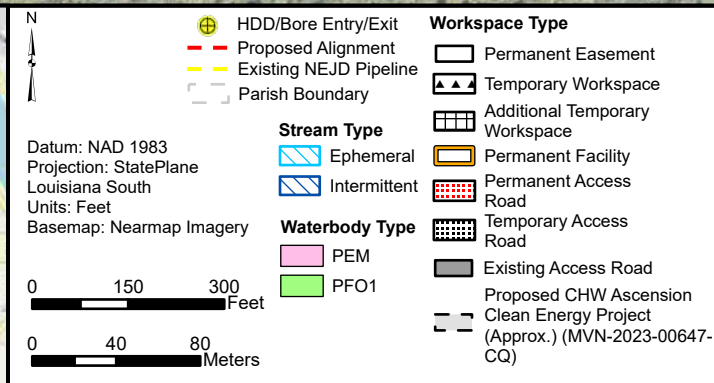




U:\Regions\TX\H\Departments\Technology\Solutions\Projects\CHW\CHW\_Impact\_Maps\_ECO\CHW\_Impact\_Maps\_ECO.aprx



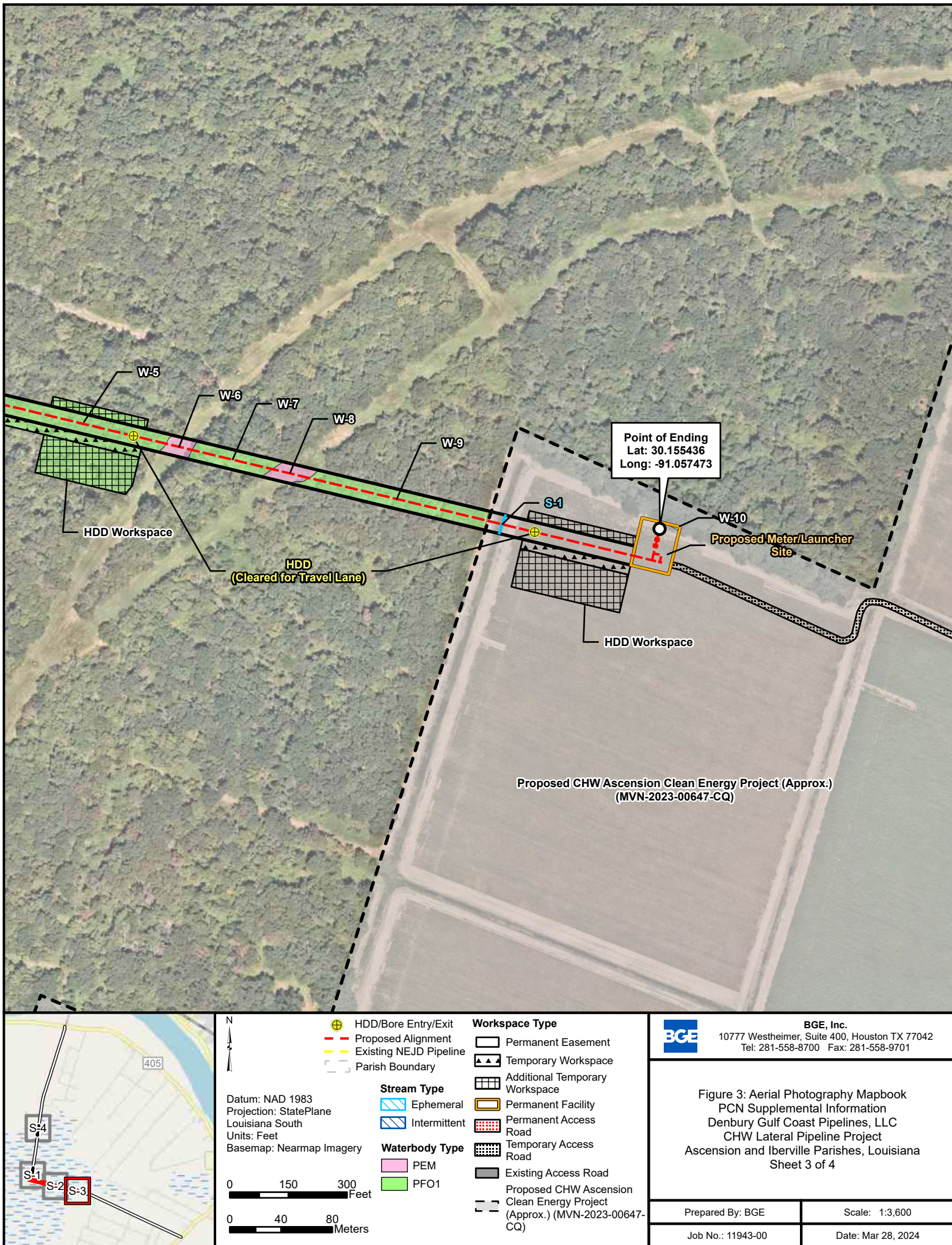




Date: Mar 28, 2024

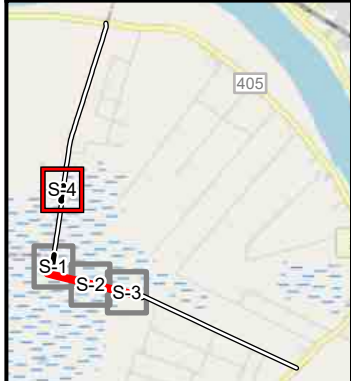


U:\Regions\TX\H\Departments\Technology Solutions\Projects\CHW\CHW\_Impact\_Maps\_ECO\CHW\_Impact\_Maps\_ECO.aprx





U:\Regions\TX\H\Departments\Technology Solutions\Projects\CHW\CHW\_Impact\_Maps\_ECO\CHW\_Impact\_Maps\_ECO.aprx



**Legend**

**Stream Type**

- Blue line: Ephemeral
- Blue line: Intermittent

**Waterbody Type**

- Pink box: PEM
- Green box: PFO1

**Workspace Type**

- Black line: Permanent Easement
- Black line with triangles: Temporary Workspace
- Black line with squares: Additional Temporary Workspace
- Orange line: Permanent Facility
- Red line with dots: Permanent Access Road
- Black line with dots: Temporary Access Road
- Grey line: Existing Access Road
- Black line with dots: Proposed CHW Ascension Clean Energy Project (Approx.) (MVN-2023-00647-CQ)

**Other Legend Items**

- Yellow circle with cross: HDD/Bore Entry/Exit
- Red dashed line: Proposed Alignment
- Yellow dashed line: Existing NEJD Pipeline
- Grey line: Parish Boundary

**Metadata**

Datum: NAD 1983  
Projection: StatePlane Louisiana South  
Units: Feet  
Basemap: Nearmap Imagery

**Scale**

0 150 300 Feet  
0 40 80 Meters

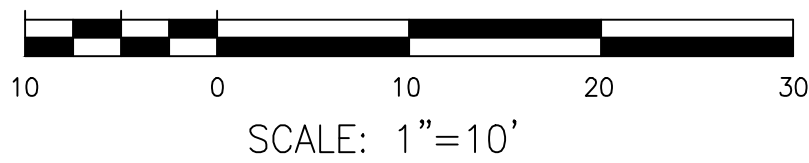
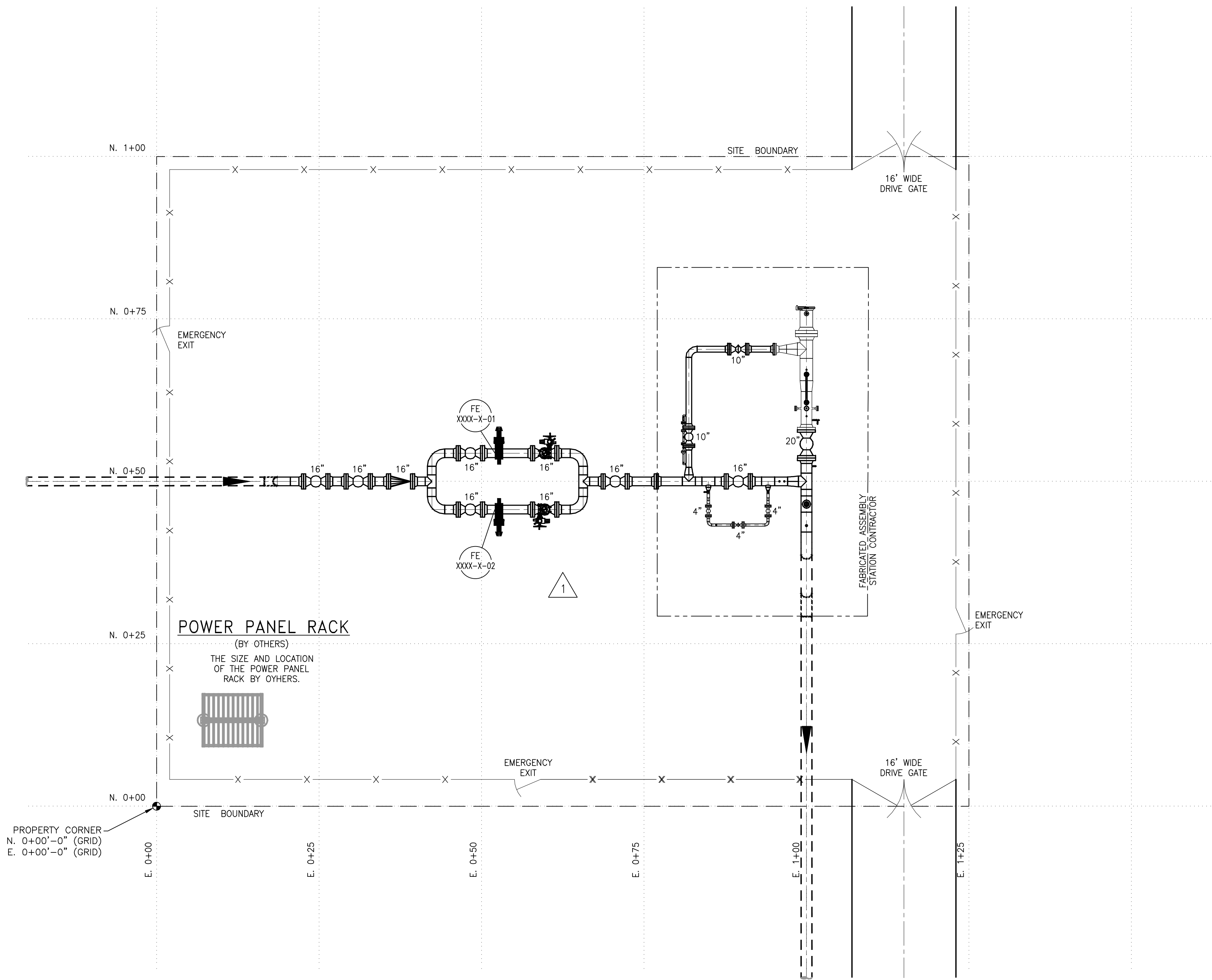
**BGE, Inc.**  
10777 Westheimer, Suite 400, Houston TX 77042  
Tel: 281-558-8700 Fax: 281-558-9701

**Figure 3: Aerial Photography Mapbook**  
PCN Supplemental Information  
Denbury Gulf Coast Pipelines, LLC  
CHW Lateral Pipeline Project  
Ascension and Iberville Parishes, Louisiana  
Sheet 4 of 4

**Prepared By:** BGE  
**Scale:** 1:3,600

**Job No.:** 11943-00  
**Date:** Mar 28, 2024






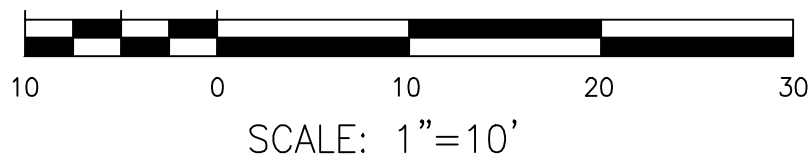
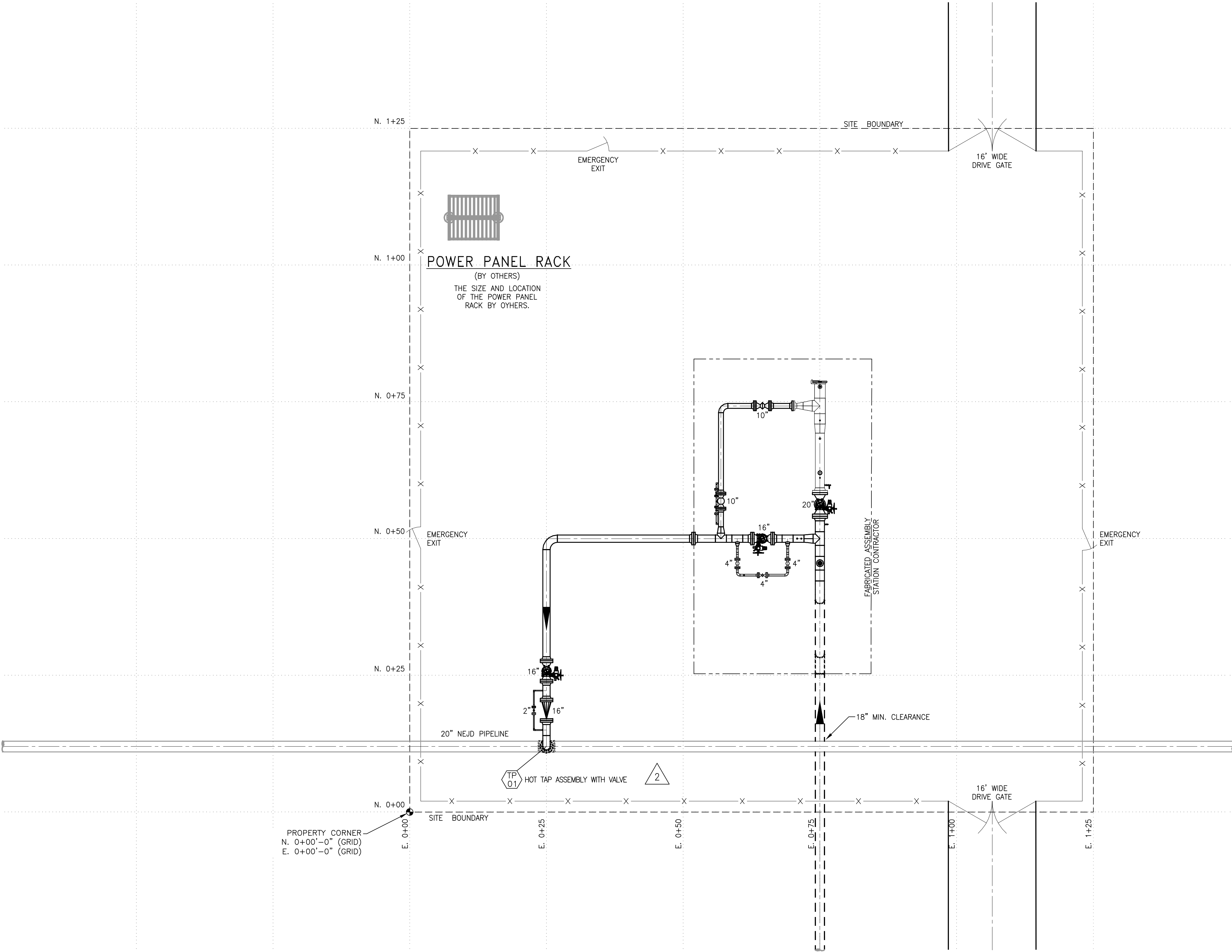
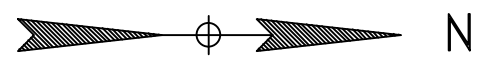
NOTES:  
REVISION 1 WAS UPDATED IN ACCORDANCE WITH DENBURY  
PFD - TYP-INT-PFD.

Gulf Interstate Engineering Company ("GIE") accepts no liability or responsibility whatsoever for: (i) any use of or reliance upon this document for anything other than its intended use on the Project; (ii) its use by any third party; and, (iii) for any unauthorized changes to this document or its attachments. Copying this document without the permission of the Customer and GIE is not permitted.

1	ISSUED FOR FEED	RS	06 OCT 2023	DJ	GJ	DA	
0	ISSUED FOR FEED	LBT	21 AUG 2023	DJ	GJ	DA	
NO.	REVISION-DESCRIPTION	BY	DATE	CHK'D	APP'D	APP'D	

<b>GULF INTERSTATE ENGINEERING</b> <small>TEXAS REGISTERED ENGINEERING FIRM F-2830</small>	
DWN. BY: SSB	DATE: 3 AUG 2022
CHK. BY: DJ	
DISC. ENGR: GJ	
PROJ. MGR: DA	
CLIENT APP:	
SCALE: 1"=10'-0"	

<b>Denbury</b> 		
DENBURY PLOT/KEY PLAN CHW LATERAL PROJECT LAUNCHER AREA		
AFE No.	DWG. NO: 2018-000-PL-DWG-0001	REV: 1



NOTES:

REVISION 1 WAS UPDATED TO INCREASE AREA SIZE 125' X 125'.  
REVISION 2 WAS UPDATED IN ACCORDANCE WITH DENBURY  
PFD - TYP-INT-PFD.

Gulf Interstate Engineering Company ("GIE") accepts no liability or responsibility whatsoever for: (i) any use of or reliance upon this document for anything other than its intended use on the Project; (ii) its use by any third party; and, (iii) for any unauthorized changes to this document or its attachments. Copying this document without the permission of the Customer and GIE is not permitted.

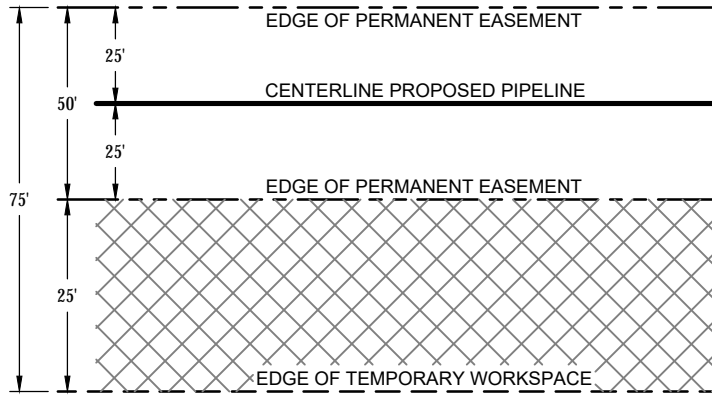
2	ISSUED FOR FEED	RS	06 OCT 2023	DJ	GJ	DA	
1	ISSUED FOR FEED	RER	14 SEP 2023	DJ	GJ	DA	
0	ISSUED FOR FEED	LBT	21 AUG 2023	DJ	GJ	DA	
NO.	REVISION-DESCRIPTION	BY	DATE	CHK'D	APP'D	APP'D	

 <b>GULF INTERSTATE ENGINEERING</b> <small>TEXAS REGISTERED ENGINEERING FIRM F-2830</small>	
DWN. BY: SSB	DATE: 3 AUG 2022
CHK. BY: DJ	
DISC. ENGR: GJ	
PROJ. MGR: DA	
CLIENT APP:	
SCALE: 1"=10'-0"	

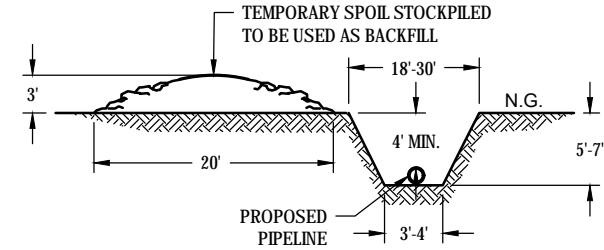


DENBURY  
PLOT/KEY PLAN  
CHW LATERAL PROJECT  
RECEIVER AREA

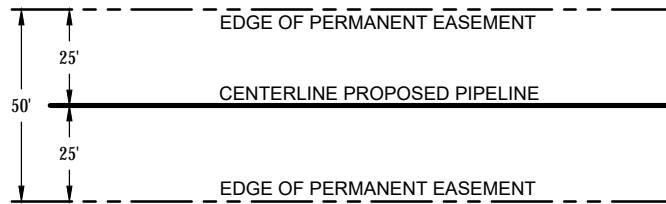
AFE No.	DWG. NO: 2018-000-PL-DWG-0002	REV: 2
---------	-------------------------------	--------



**TYPICAL  
PERMANENT & TEMPORARY WORKSPACE**  
NOT TO SCALE



**CROSS-SECTION  
TYPICAL PIPELINE TRENCH**  
NOT TO SCALE



**TYPICAL  
EASEMENT ABOVE HDD BORES**  
NOT TO SCALE



*Note:  
The contents of these plans are intended  
exclusively for the purpose of obtaining  
environmental compliance permits*

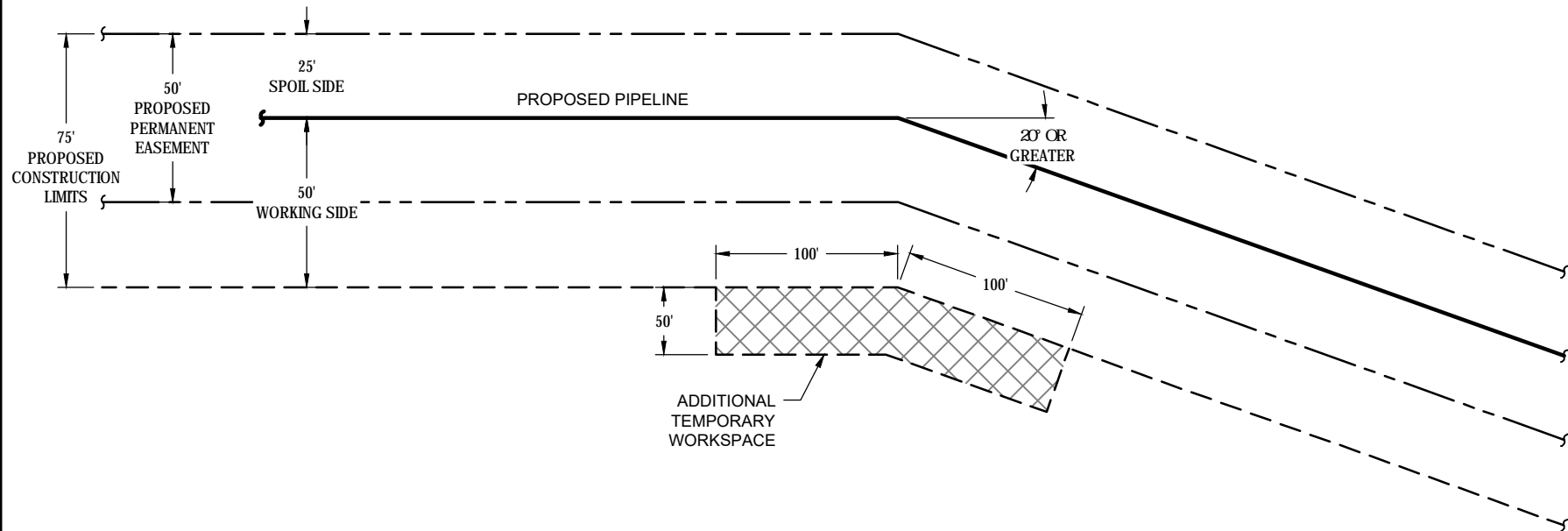
**ENVIRONMENTAL  
TYPICAL  
DRAWING**



**DENBURY GULF COAST PIPELINES, LLC**  
**PROPOSED CHW LATERAL PIPELINE PROJECT**  
**ASCENSION AND IBERVILLE PARISHES, LOUISIANA**

DRAWN BY: RER	REVISIONS		
PROJ. MGR: OH	A	DATE: 03/05/2024	REVISED BY: RER
DATE: 03/05/2024	B	DATE: 03/07/2024	REVISED BY: RER
DOC. NO.: 2018-000-PL-DWG-0010			





NOT TO SCALE



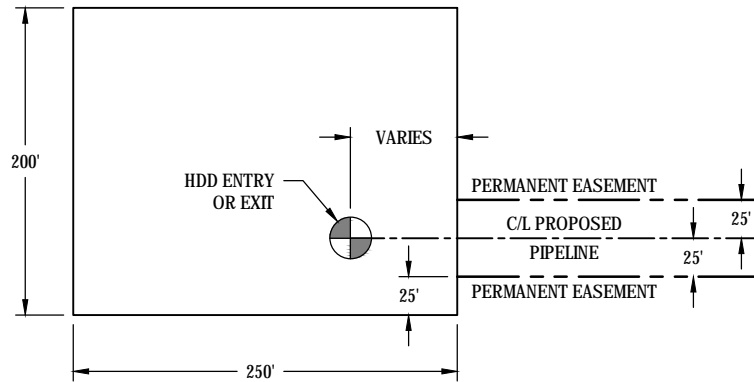
*Note:*  
The contents of these plans are intended  
exclusively for the purpose of obtaining  
environmental compliance permits

ENVIRONMENTAL  
TYPICAL  
DRAWING

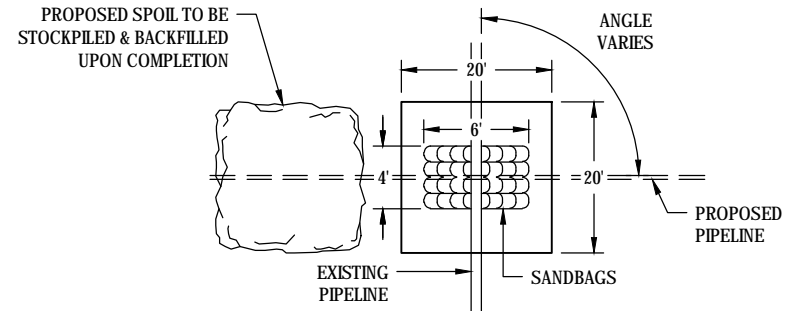


DENBURY GULF COAST PIPELINES, LLC  
PROPOSED CHW LATERAL PIPELINE PROJECT  
ASCENSION AND IBERVILLE PARISHES, LOUISIANA

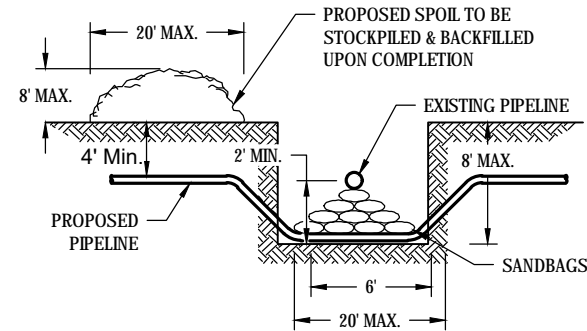
DRAWN BY: RER	REVISIONS		
PROJ. MGR: OH	A	DATE: 03/05/2024	REVISED BY: RER
DATE: 03/05/2024	B	DATE: 03/07/2024	REVISED BY: RER
DOC. NO.: 2018-000-PL-DWG-0011			



**TYPICAL HDD WORKSITE**  
NOT TO SCALE



**PLAN VIEW**  
NOT TO SCALE



**TYPICAL PIPELINE CROSSING**  
NOT TO SCALE

NOTE: A MAXIMUM OF 119 CUBIC YARDS OF MATERIAL WILL BE EXCAVATED AND REPLACED AS PART OF THE ACTIVITY SHOWN ON THIS TYPICAL DRAWING AND IS INCLUDED IN THE TOTAL VOLUME OF MATERIAL SHOWN ON THE APPLICATION.



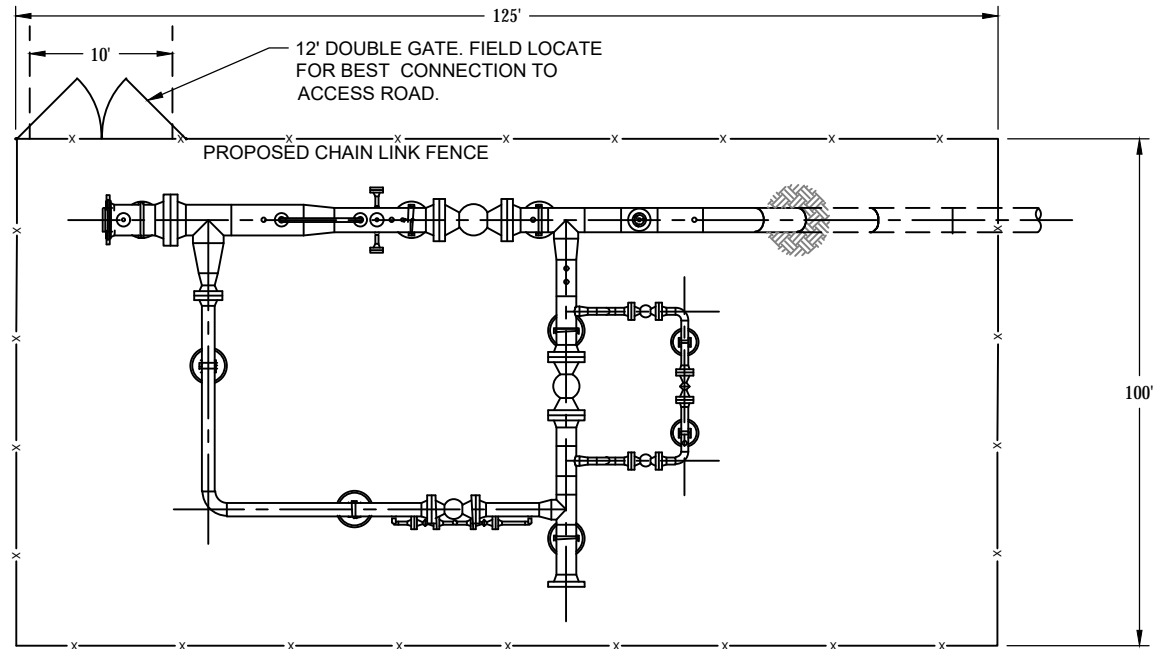
*Note:*  
The contents of these plans are intended exclusively for the purpose of obtaining environmental compliance permits

ENVIRONMENTAL  
TYPICAL  
DRAWING

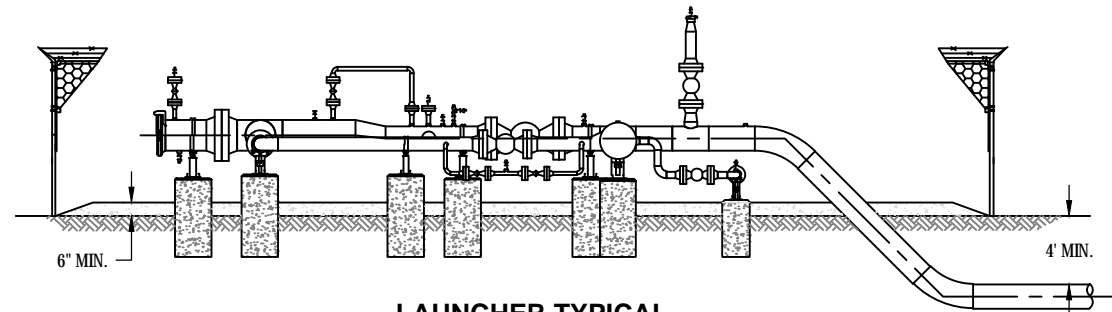


DENBURY GULF COAST PIPELINES, LLC  
PROPOSED CHW LATERAL PIPELINE PROJECT  
ASCENSION AND IBERVILLE PARISHES, LOUISIANA

DRAWN BY: RER	REVISIONS		
PROJ. MGR: OH	A	DATE: 03/05/2024	REVISED BY: RER
DATE: 03/05/2024	B	DATE: 03/07/2024	REVISED BY: RER
DOC. NO.: 2018-000-PL-DWG-0012			



**PLAN VIEW**  
NOT TO SCALE



**LAUNCHER TYPICAL  
PROFILE VIEW**  
NOT TO SCALE



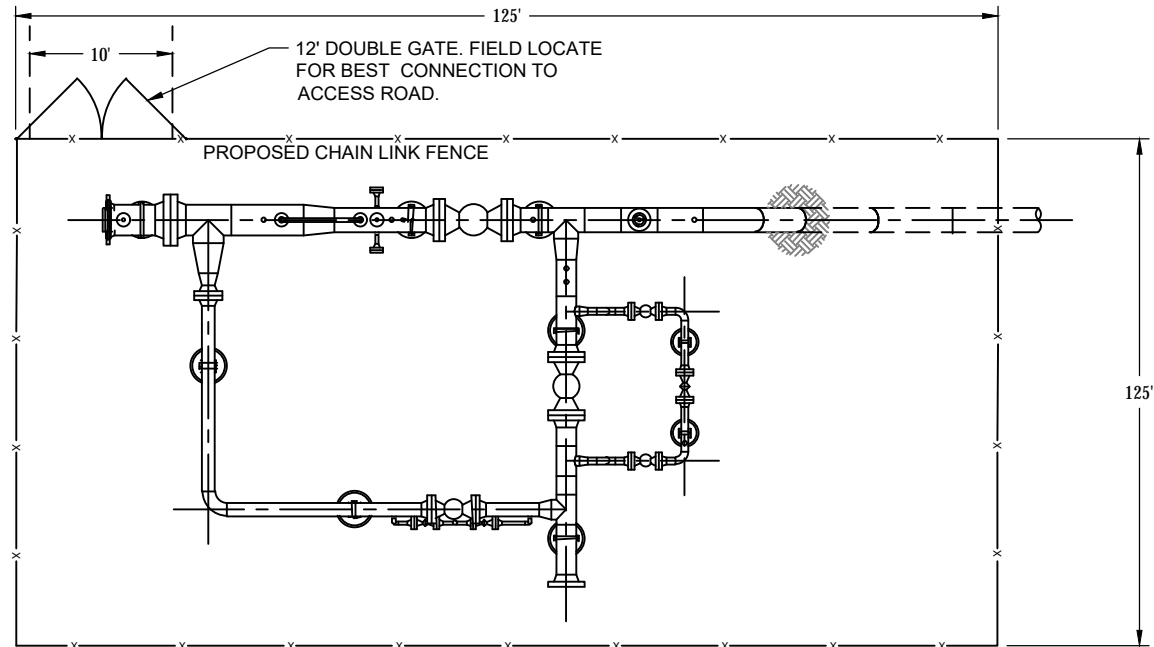
*Note:*  
The contents of these plans are intended exclusively for the purpose of obtaining environmental compliance permits

ENVIRONMENTAL  
TYPICAL  
DRAWING

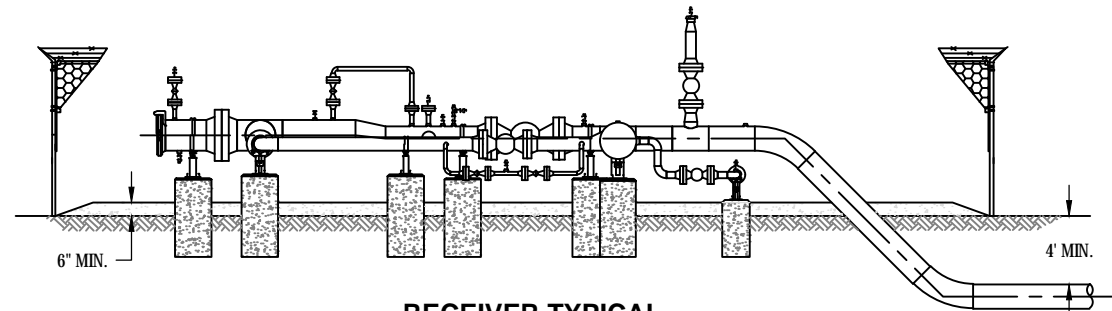


DENBURY GULF COAST PIPELINES, LLC  
PROPOSED CHW LATERAL PIPELINE PROJECT  
ASCENSION AND IBERVILLE PARISHES, LOUISIANA

DRAWN BY: RER	REVISIONS		
PROJ. MGR: OH	A	DATE: 03/05/2024	REVISED BY: RER
DATE: 03/05/2024	B	DATE: 03/07/2024	REVISED BY: RER
DOC. NO.: 2018-000-PL-DWG-0013			



**PLAN VIEW**  
NOT TO SCALE



**RECEIVER TYPICAL  
PROFILE VIEW**  
NOT TO SCALE



*Note:  
The contents of these plans are intended  
exclusively for the purpose of obtaining  
environmental compliance permits*

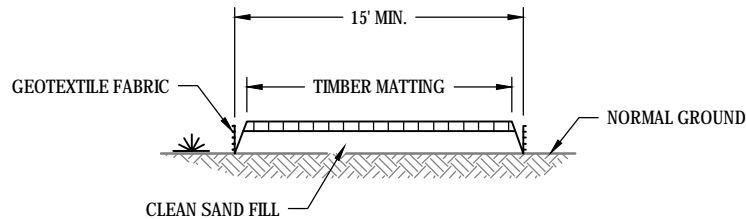
**ENVIRONMENTAL  
TYPICAL  
DRAWING**



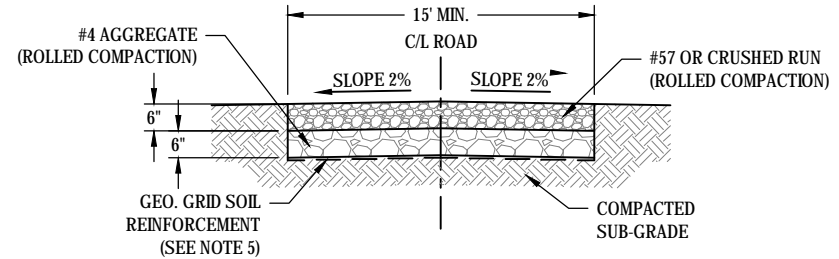
**DENBURY GULF COAST PIPELINES, LLC**  
**PROPOSED CHW LATERAL PIPELINE PROJECT**  
**ASCENSION AND IBERVILLE PARISHES, LOUISIANA**

DRAWN BY: RER	REVISIONS		
PROJ. MGR: OH	A	DATE: 03/05/2024	REVISED BY: RER
DATE: 03/05/2024	B	DATE: 03/07/2024	REVISED BY: RER
DOC. NO.: 2018-000-PL-DWG-0014			



**TYPICAL TEMPORARY ACCESS ROAD SECTION**

NOT TO SCALE

**TYPICAL PERMANENT ACCESS ROAD SECTION**

NOT TO SCALE

## NOTES:

1. USE SELECTED SALVAGE TOP SOIL MATERIAL.
2. 6" THICKNESS CRUSHED ROCK "AGGREGATE" SURFACE COURSE W/ MAX AGGREGATE SIZE OF  $\frac{3}{4}$ ".
3. 6" THICKNESS (COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557) CRUSHED ROCK "AGGREGATE" BASE MATERIAL (AASHTO #4 OR EQUIVALENT).
4. REMOVE ALL VEGETATION AND TOP SOIL. IF SOFT SOIL IS ENCOUNTERED IN THE SUBGRADE, REPLACE WITH SANDY SOIL. REWORK AND COMPACT 2.0 FT. THICK MINIMUM OF SANDY SOILS TO 95% OF MODIFIED PROCTOR DENSITY IN MAXIMUM OF 8" LIFTS.
5. GEOSYNTHETIC SOIL REINFORCEMENT (TYPAR 3401 OR EQUIVALENT).



*Note:*  
The contents of these plans are intended  
exclusively for the purpose of obtaining  
environmental compliance permits

ENVIRONMENTAL  
TYPICAL  
DRAWING



DENBURY GULF COAST PIPELINES, LLC  
PROPOSED CHW LATERAL PIPELINE PROJECT  
ASCENSION AND IBERVILLE PARISHES, LOUISIANA

DRAWN BY: RER	REVISIONS		
PROJ. MGR: OH	A	DATE: 03/05/2024	REVISED BY: RER
DATE: 03/05/2024	B	DATE: 03/07/2024	REVISED BY: RER
DOC. NO.: 2018-000-PL-DWG-0015			



