

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).

<u>CHARACTER OF WORK:</u> 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-

Ī

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.

<u>MITIGATION:</u> 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 $\bf 0$ 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.

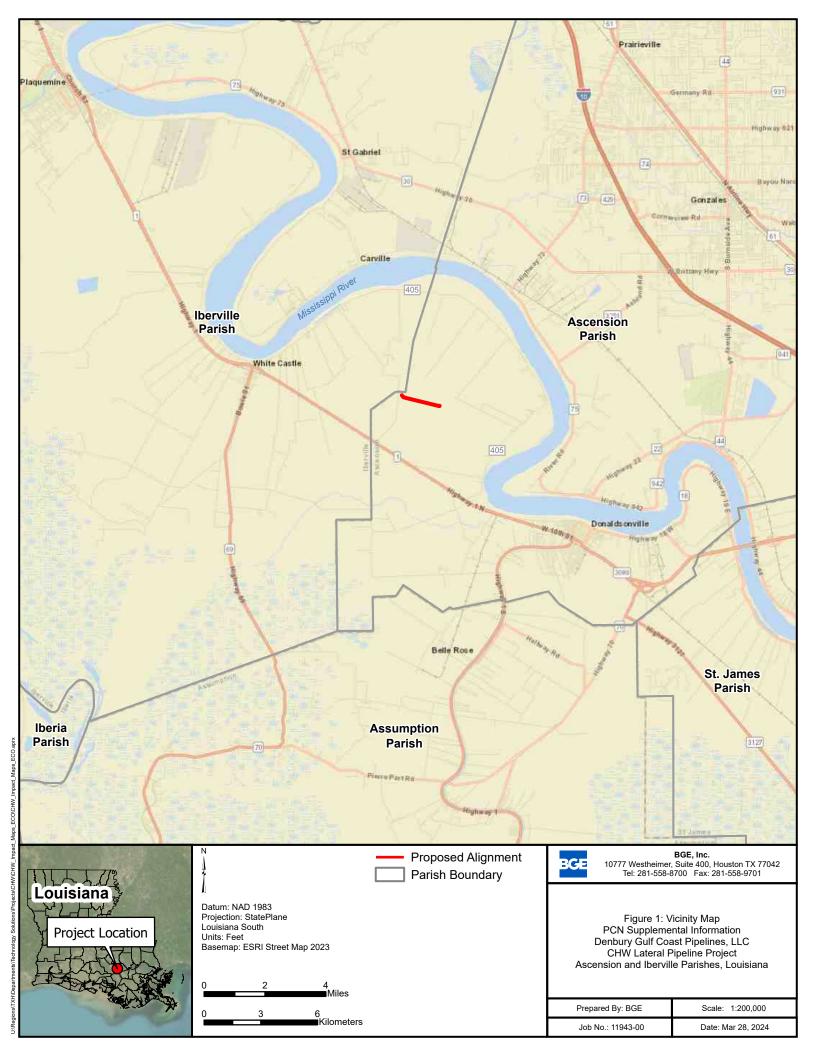
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not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

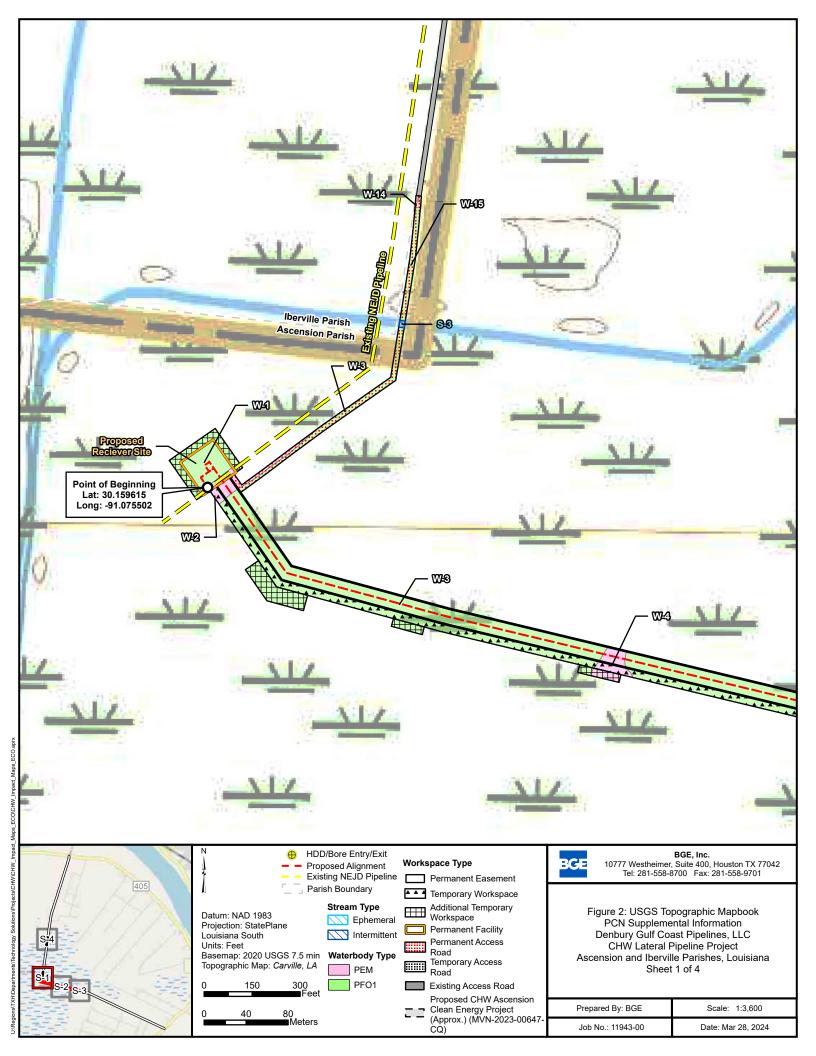
Any person may request, (preferably by email to the project manager, or in writing), within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

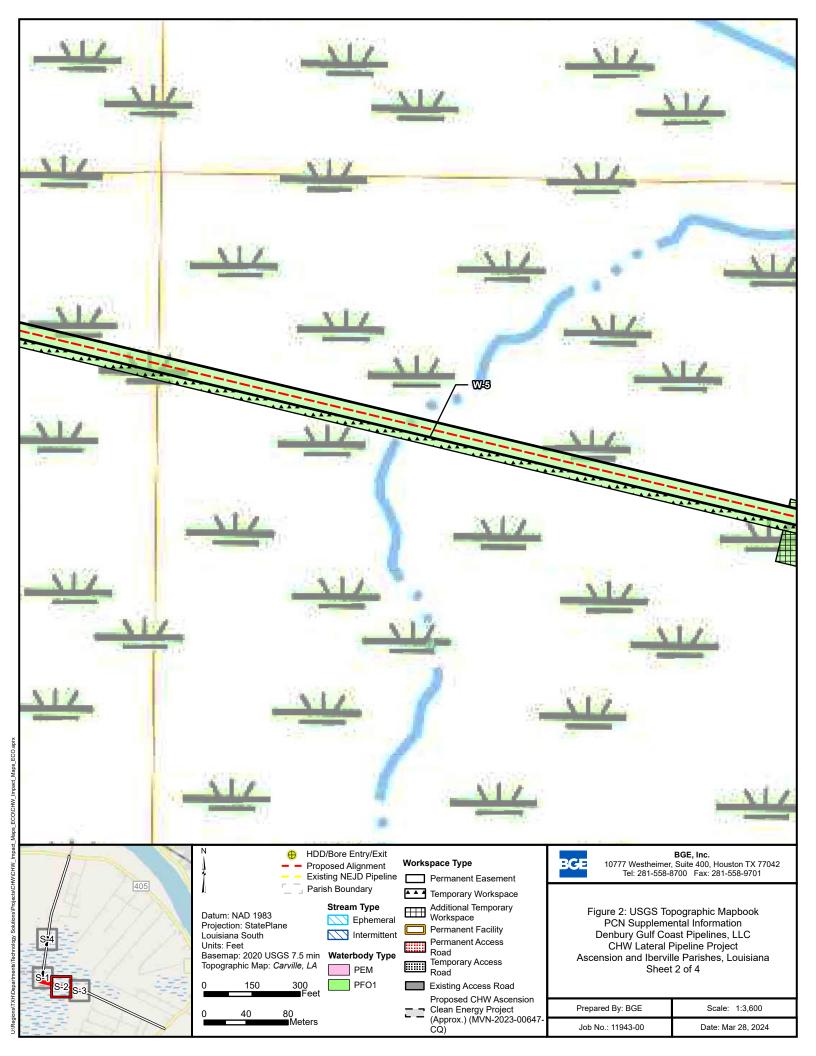
You are invited to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

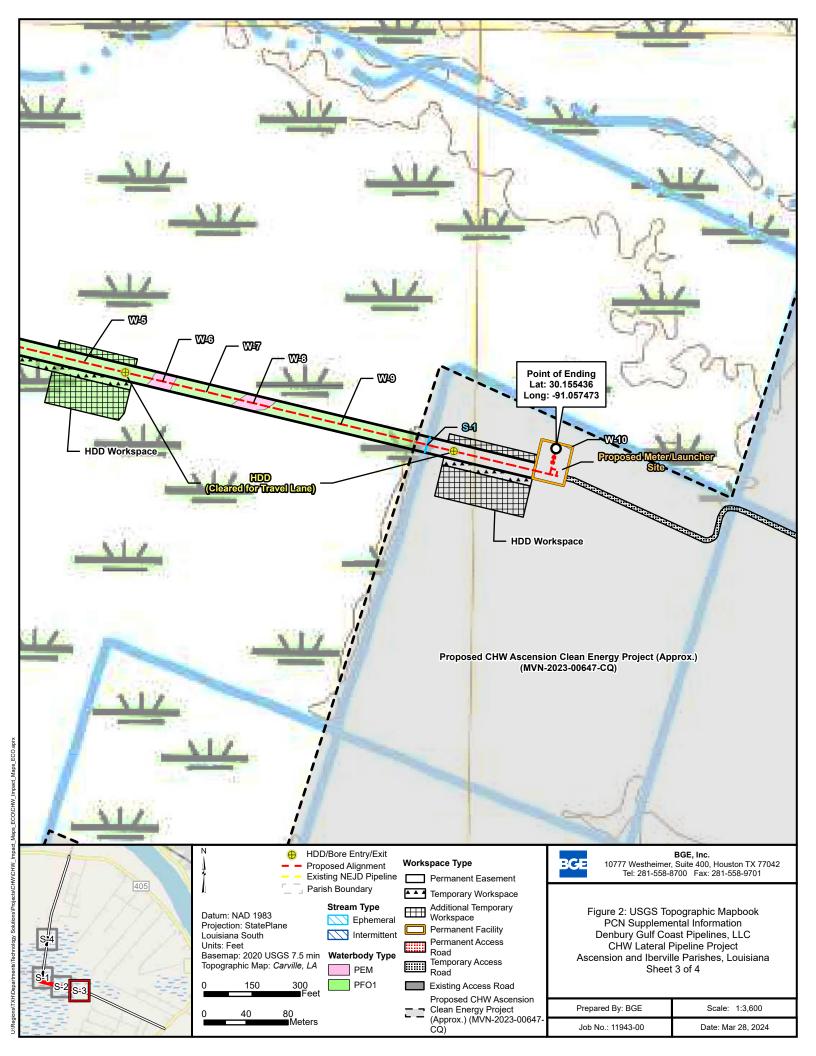
John M. Herman Chief, Central Evaluation Branch Regulatory Division

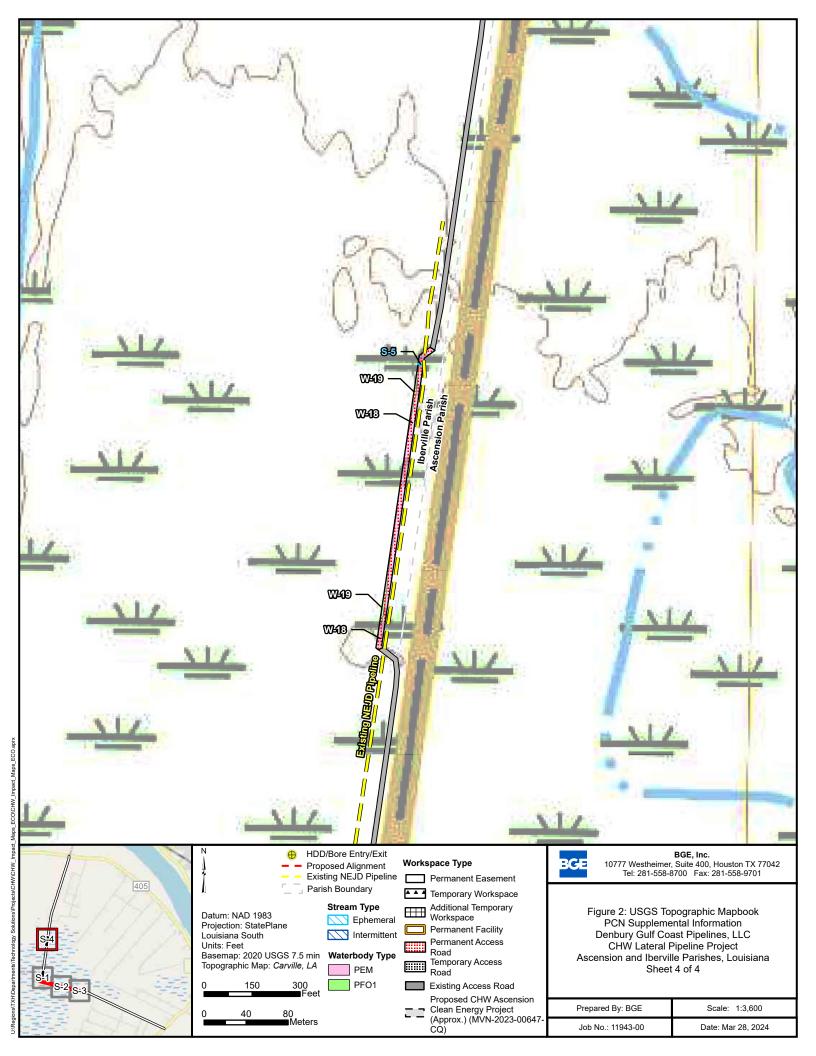
Enclosures

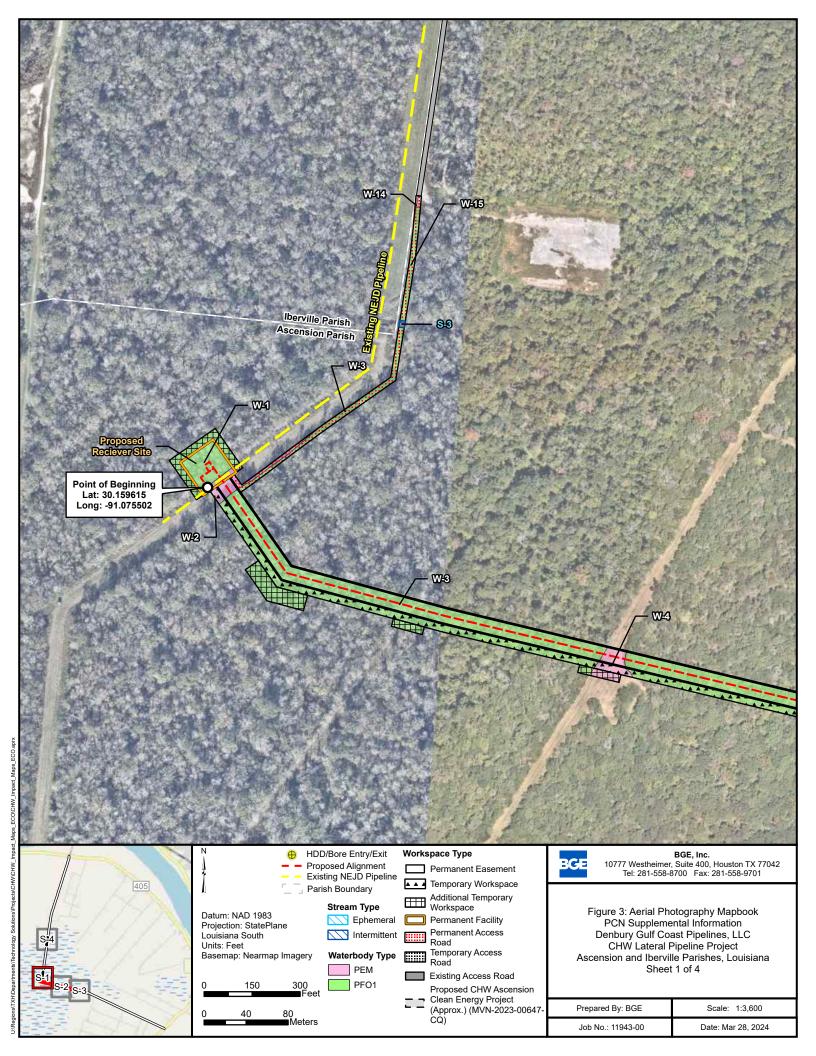


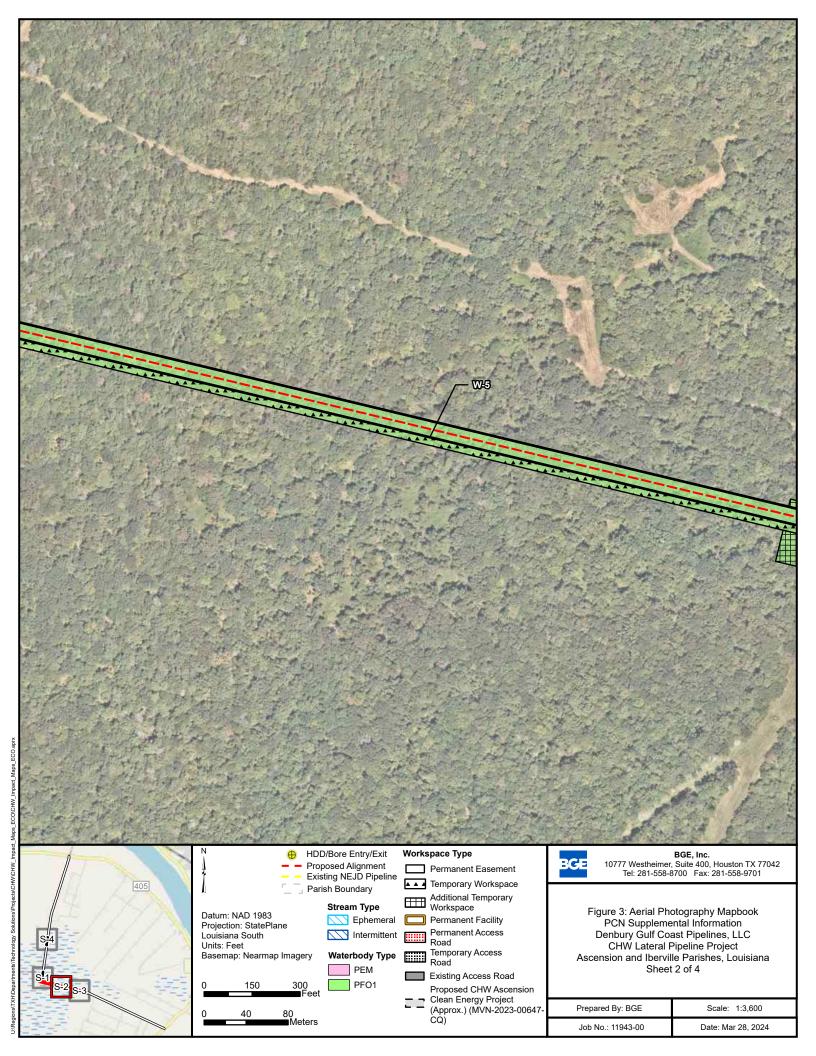


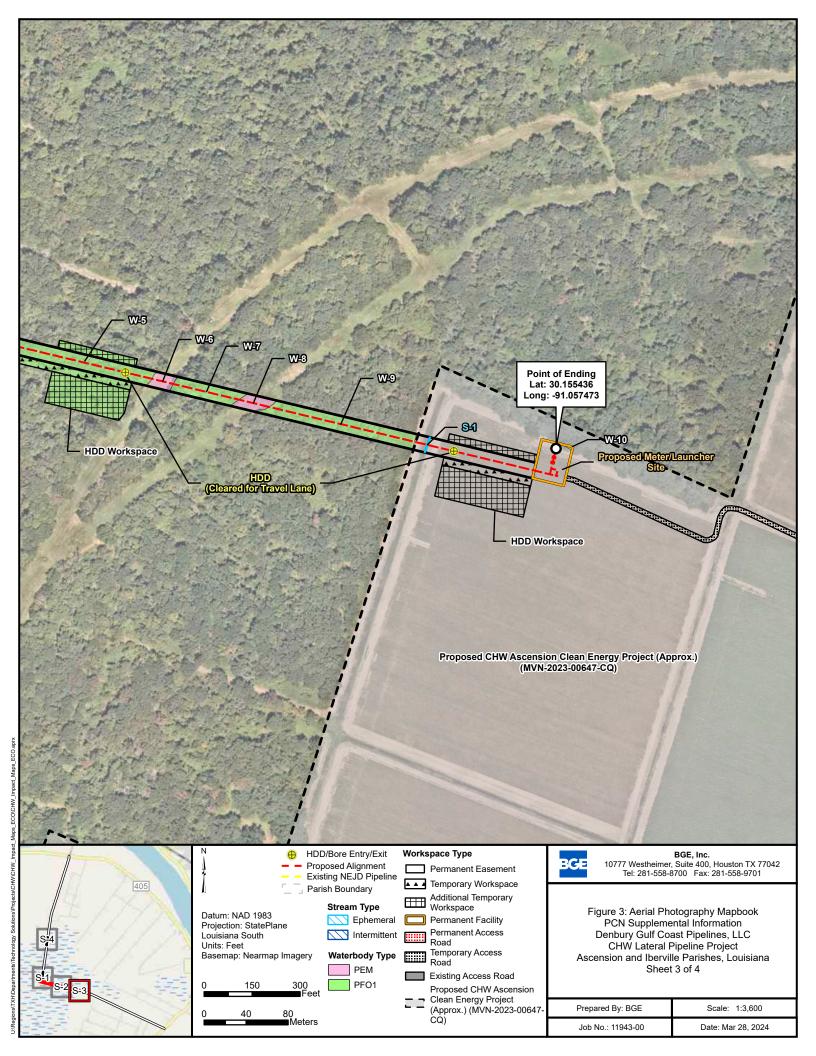


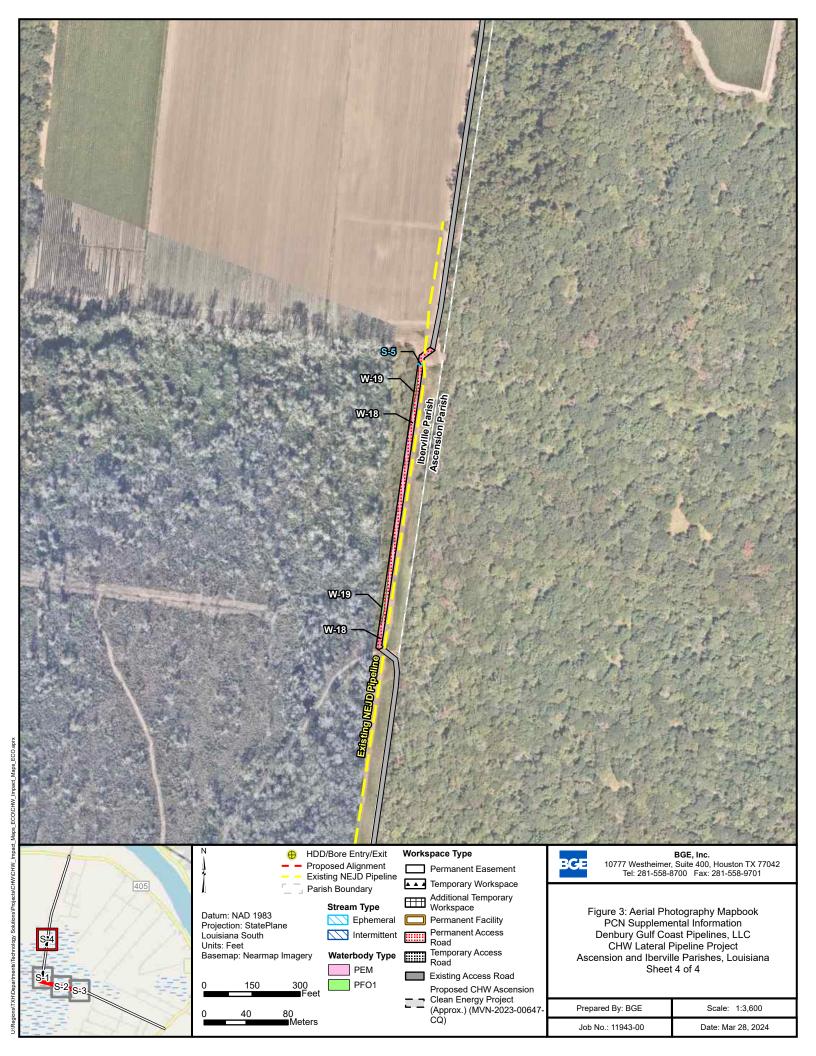


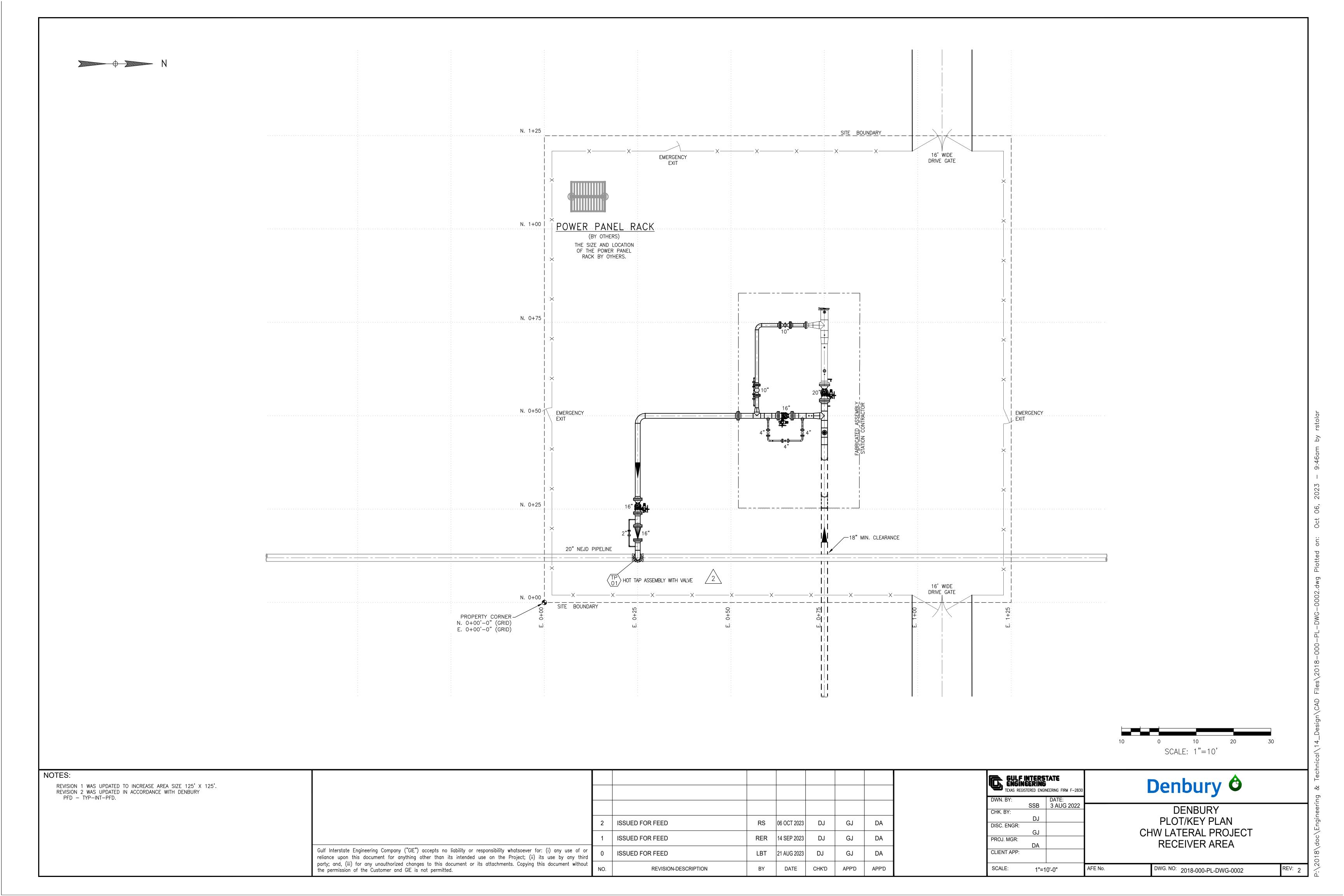




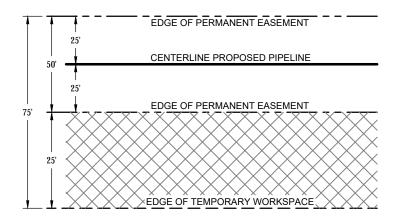








SHEET 1 OF 6 SHEETS

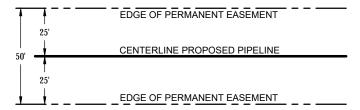


TEMPORARY SPOIL STOCKPILED TO BE USED AS BACKFILL 18'-30' N.G. PROPOSED PIPELINE 3'-4' MIN. 5'-7'

CROSS-SECTION TYPICAL PIPELINE TRENCH NOT TO SCALE

TYPICAL PERMANENT & TEMPORARY WORKSPACE

NOT TO SCALE



TYPICAL EASEMENT ABOVE HDD BORES

NOT TO SCALE



DENBURY GULF COAST PIPELINES, LLC PROPOSED CHW LATERAL PIPELINE PROJECT

ASCENSION AND IBERVILLE PARISHES, LOUISIANA

ENVIRONMENTAL TYPICAL DRAWING



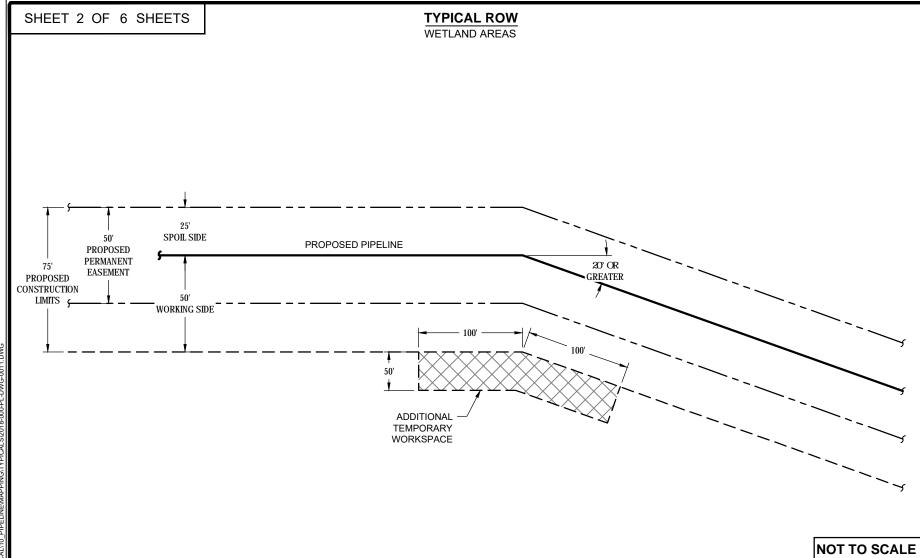
DRAWN BY:	RER	REVISIONS					
PROJ. MGR:	ОН	Α	DATE: 03/05/2024	REVISED BY: RER			
DATE: (03/05/2024	В	DATE: 03/07/2024	REVISED BY: RER			
DOC. NO.: 2018-000-PL-DWG-0010							

G & TECHNICAL (10 PIPEL INFIMAPPING) TYPICAL S/2018-000-PL

FII FNAME: P:\2018\DOC\ENGINEERING & TECHNICAL\10 P

Note:

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



Denbury 6

DENBURY GULF COAST PIPELINES, LLC

PROPOSED CHW LATERAL PIPELINE PROJECT ASCENSION AND IBERVILLE PARISHES, LOUISIANA

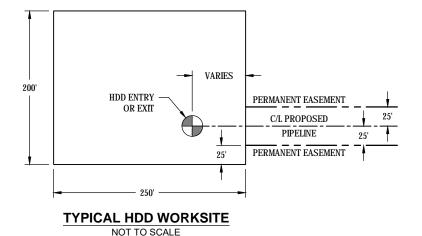
ENVIRONMENTAL TYPICAL DRAWING



DRAWN BY:	RER	REVISIONS						
PROJ. MGR:	ОН	Α	DATE: 03/05/2024	REVISED BY: RER				
DATE: (03/05/2024	В	DATE: 03/07/2024	REVISED BY: RER				
DOC. NO.: 2018-000-PL-DWG-0011								

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

SHEET 3 OF 6 SHEETS



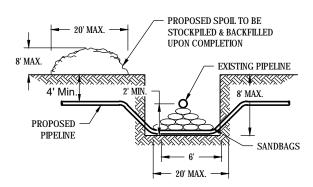
PROPOSED SPOIL TO BE
STOCKPILED & BACKFILLED
UPON COMPLETION

ANGLE
VARIES

UPON COMPLETION

PROPOSED
PROPOSED
PIPELINE

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.



ENVIRONMENTAL TYPICAL DRAWING



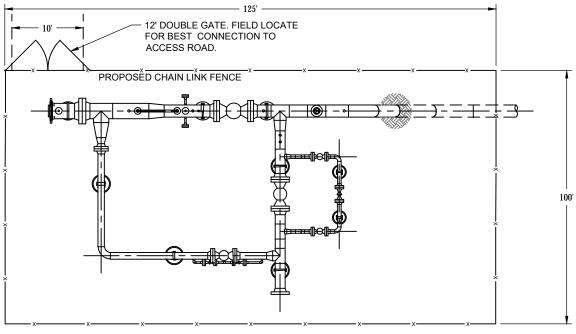
DENBURY GULF COAST PIPELINES, LLC PROPOSED CHW LATERAL PIPELINE PROJECT ASCENSION AND IBERVILLE PARISHES, LOUISIANA

	DRAWN BY:	RER		REVISIONS					
	PROJ. MGR:	ОН	Α	DATE: 03/05/2024	REVISED BY: RER				
	DATE:	03/05/2024	В	DATE: 03/07/2024	REVISED BY: RER				
DOC. NO : 2018-000-PL-DWG-0012									

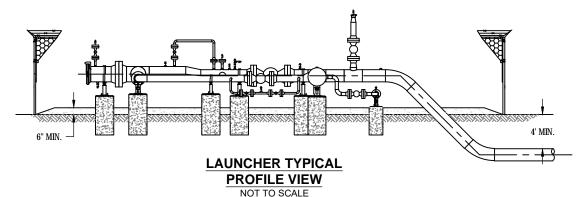
Note

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





PLAN VIEW NOT TO SCALE





DENBURY GULF COAST PIPELINES, LLC

PROPOSED CHW LATERAL PIPELINE PROJECT ASCENSION AND IBERVILLE PARISHES, LOUISIANA

Note

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

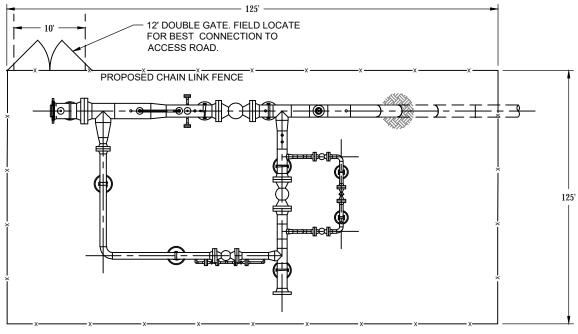
ENVIRONMENTAL TYPICAL DRAWING



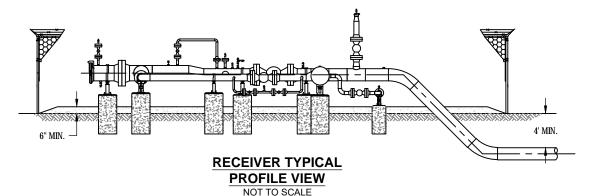
DRAWN BY:	RER	REVISIONS						
PROJ. MGR:	ОН	Α	DATE: 03/05/2024	REVISED BY: RER				
DATE:	03/05/2024	В	DATE: 03/07/2024	REVISED BY: RER				
DOC. NO.: 2018-000-PL-DWG-0013								

8 TECHNICAL/10 PIPELINE/MAPPING/TYPICALS/2018-000-PL





PLAN VIEW NOT TO SCALE





DENBURY GULF COAST PIPELINES, LLC

PROPOSED CHW LATERAL PIPELINE PROJECT ASCENSION AND IBERVILLE PARISHES, LOUISIANA

Note

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

ENVIRONMENTAL TYPICAL DRAWING

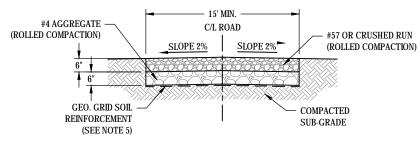


	DRAWN BY:	RER		REVISIONS					
	PROJ. MGR:	ОН	Α	DATE: 03/05/2024	REVISED BY: RER				
	DATE:	03/05/2024	В	DATE: 03/07/2024	REVISED BY: RER				
DOC. NO.: 2018-000-PL-DWG-0014									

FILENAME: P:\2018\DOC\ENGINEERING & TECH

TYPICAL TEMPORARY ACCESS ROAD SECTION

NOT TO SCALE



TYPICAL PERMANENT ACCESS ROAD SECTION

NOT TO SCALE

NOTES:

- USE SELECTED SALVAGE TOP SOIL MATERIAL.
- 2. 6" THICKNESS CRUSHED ROCK "AGGREGATE" SURFACE COURSE W/ MAX AGGREGATE SIZE OF 3/4".
- 3. 6" THICKNESS (COMPACTED TO 95% OFMODIFIED PROCTOR DENSITY, ASTM D1557) CRUSHED ROCK "AGGREGATE" BASE MATERIAL (AASHTO #4 OR EQUIVALENT).
- REMOVE ALL VEGETATION AND TOP SOIL. IF SOFT SOIL IS ENCOUNTERED IN THE SUBGRADE, REPLACE WITH SANDY SOIL. REWORK AND COMPAT 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).



DENBURY GULF COAST PIPELINES, LLC PROPOSED CHW LATERAL PIPELINE PROJECT

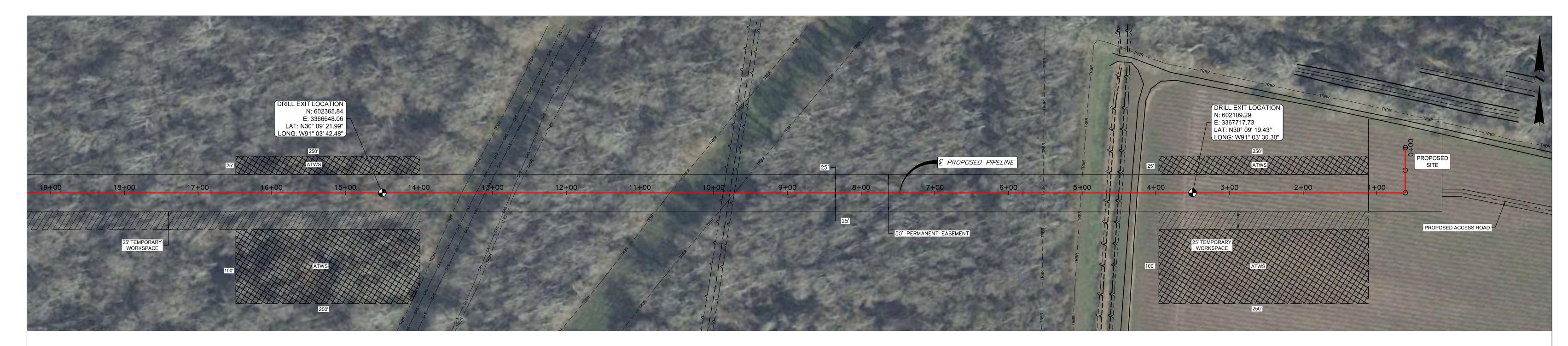
ASCENSION AND IBERVILLE PARISHES, LOUISIANA

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

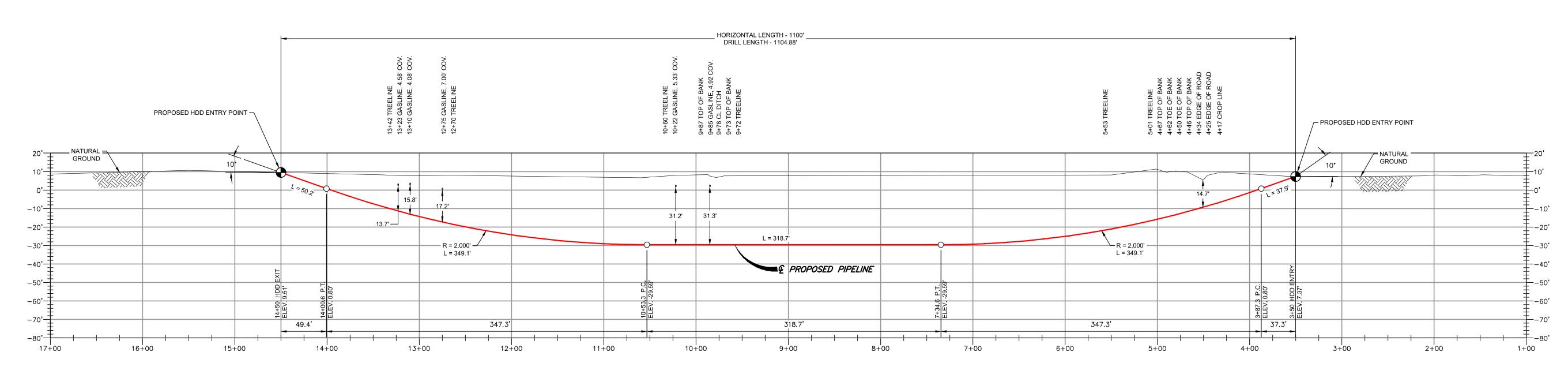
ENVIRONMENTAL TYPICAL DRAWING



DRAWN BY:	RER		REVISIONS					
PROJ. MGR:	ОН	Α	DATE: 03/05/2024	REVISED BY: RER				
DATE:	03/05/2024	В	DATE: 03/07/2024	REVISED BY: RER				
DOC. NO : 2018-000-PL-DWG-0015								







DESIGN DATA

DESIGN CODE: 49 CFR 195, ASME B 31.4 PIPE, 20.00" OD, 0.526" MIN. WT, API-5L, PSL 2, GR.X-70, PSL-2, FBE COATED 14 -16 MILS, DUAL COAT ARO 30-40 MILS, DOUBLE RANDOM

LENGTH MAOP = 2,207 PSIG SERVICE: CO2

GENERAL NOTES

- 1. THIS DRAWING IS NOT FOR CONSTRUCTION. THE PROFILE DRAWING IS PRELIMINARY IN NATURE AND IT IS FOR INFORMATION ONLY. GEOTECHINCAL INVESTIGATION / BORING IS TO BE PERFORMED PRIOR TO CONSTRUCTION.
- 2. CONTRACTOR SHALL ACTIVELY MONITOR THE DRILLED ALIGNMENT FOR IMPACTS THAT COULD OCCUR AS A RESULT OF HDD OPERATIONS (I.E. SETTLEMENT, HEAVE, AND DRILLING FLUID FLOW). CONTRACTOR'S MONITORING PROCEDURES AND ASSOCIATED EMERGENCY RESPONSE PLANS SHALL BE APPROPRIATE TO ENSURE THAT PUBLIC SAFETY IS NOT COMPROMISED.
- 3. PLACEMENT OF HORIZONTAL DRILLING RIG IS NOT FIXED BY DESIGNATION OF ENTRY AND EXIT POINTS. DRILLING RIG PLACEMENT AND / OR THE USE OF DUAL RIGS SHALL BE AT CONTRACTOR'S OPTION.
- 4. WORK WILL BE CONDUCTED IN COMPLIANCE WITH THE TERMS AND CONDITIONS OF PENDING GENERAL PERMIT NUMBER. 5. ALL DEPTHS AND LENGTHS TO BE DETERMINED BY FIELD CONDITIONS AND CROSSING REQUIREMENTS AT EACH HDD LOCATION.
- 6. ELEVATIONS SHOWN FOR REPRESENTATION ONLY. ACTUAL ELEVATIONS TO BE DETERMINED IN THE FIELD.
- 7. NO ADDITIVES SHALL BE ADDED TO THE DRILLING FLUID WITHOUT APPROVAL OF THE COMPANY. FRAC OUT PLAN REQUIRED
- 8. CONTRACTOR SHALL ADHERE TO THE SPECIFICATIONS AND REQUIREMENTS PER DENBURY GULF COAST PIPELINES, LLC, SPECIFICATIONS, CONTRACT DOCUMENTS AND SPECIAL PERMIT CONDITIONS, EXCEPT AS NOTED ON THIS DRAWING.
- 9. CONTRACTOR IS RESPONSIBLE FOR CALLING LOUISIANA STATE ONE CALL AND LOCATING ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. IF ANY UTILITY IS LOCATED WITHIN 15 FEET OF THE DESIGNED HDD PROFILE AND ALIGNMENT, CONTRACTOR SHALL OBTAIN APPROVAL FROM DENBURY GULF COAST PIPELINES, LLC PRIOR TO INITIATING HDD OPERATIONS.
- 10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND PROTECT ANY FOREIGN UTILITY THAT MAY BE AFFECTED BY THE HDD
- 11. THE USE OF DUAL HDD RIGS DURING CONSTRUCTION MAY BE AT THE DISCRETION OF THE HDD CONTRACTOR, TO BE APPROVED

Gulf Interstate Engineering Company ("Gulf") 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 Gulf is not permitted.

BY THE DENBURY GULF COAST PIPELINES, LLC.

- 12. ALL EQUIPMENT MUST ACCESS THE SITE ALONG THE CONSTRUCTION RIGHT-OF-WAY OR FROM APPROVED ACCESS ROADS. 13. WORKSPACE: MAXIMUM WORKSPACE LIMITS ARE DEPICTED. RESTRICT CLEARING TO THE WORKSPACE INDICATED AT THE ENTRY AND EXIT POINTS AND PRODUCT PIPE STRINGING AND FABRICATION AREA ALONG THE CONSTRUCTION RIGHT-OF-WAY. CLEARING BETWEEN THE ENTRY AND EXIT WORKSPACES REQUIRES PRIOR APPROVAL FROM THE ENVIRONMENTAL INSPECTOR AND IS LIMITED TO THE AMOUNT NECESSARY TO STRING SURVEY WIRES AND INSTALL PUMPS AND PIPING TO OBTAIN WATER (WHERE
- APPROVED). 14. WATER SOURCE: DRILL WATER AND HYDROSTATIC TEST WATER SHALL BE OBTAINED FROM AN APPROVED SOURCE. 15. HYDROSTATIC TEST: PRE-INSTALLATION AND POST-INSTALLATION HYDROSTATIC TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE HYDROSTATIC TEST PLAN. TEST WATER SHALL BE SAMPLED AND TESTED IN ACCORDANCE WITH PERMIT REQUIREMENTS. THE TEST WATER SHALL BE DISCHARGED IN AN UPLAND AREA INTO AN EROSION CONTROL STRUCTURE OF STRAW BALES AND/OR SILT FENCES, GEOTEXTILE FILTER BAG, OR COLLECTED IN A TRUCK AND HAULED TO AN APPROVED
- DISPOSAL SITE. UPON COMPLETION OF DEWATERING AND DRYING, A CALIPER PIG SURVEY SHALL BE COMPLETED IN ACCORDANCE 16. SPILL-PREVENTION: REFUELING OF ALL EQUIPMENT SHALL BE COMPLETED IN ACCORDANCE WITH THE SPCC PLAN. 17. EROSION AND SEDIMENT CONTROL: CONTRACTOR SHALL SUPPLY, INSTALL AND MAINTAIN SEDIMENT CONTROL STRUCTURES IN
- ACCORDANCE WITH CONTRACT DOCUMENTS. CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL STRUCTURES AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR. 18. CONTRACTOR SHALL CONDUCT WORK IN ACCORDANCE WITH UNITED STATES ARMY CORPS OF ENGINEERS, LOCAL LEVEE
- DISTRICT AND ALL RELEVANT AGENCY PERMIT REQUIREMENTS. 19. INSTALLATION: THE PIPE SECTION FOR THE DRILLED CROSSING SHALL BE MADE UP WITHIN THE APPROVED CONSTRUCTION RIGHT-OF-WAY AT THE DRILL EXIT POINT AS SHOWN. AFTER THE PILOT HOLE IS COMPLETE, CONTRACTOR'S ACTUAL DRILL PROFILE SHALL BE SUBMITTED TO DENBURY GULF COAST PIPELINES, LLC, FOR APPROVAL. CONTRACTOR SHALL ASSESS THE NEED FOR
- AND SUPPLY APPROPRIATE BALLAST DURING PULLBACK. 20. DRILLING FLUID DISPOSAL: CONTRACTOR SHALL DISPOSE OF EXCESS DRILLING FLUID AS DIRECTED BY THE DENBURY GULF COAST PIPELINES, LLC REPRESENTATIVE IN ACCORDANCE WITH PERMIT CONDITIONS. UNDER NO CIRCUMSTANCES SHALL DRILLING FLUID BE DISPOSED OF IN WATER BODIES OR WETLANDS. ANY DRILLING FLUID WHICH INADVERTENTLY SURFACES AT POINTS OTHER THAN THE ENTRY OR EXIT POINTS SHALL BE CONTAINED AND COLLECTED TO THE EXTENT PRACTICAL AND DISPOSED OF AS

DIRECTED BY THE DENBURY GULF COAST PIPELINES, LLC REPRESENTATIVE IN ACCORDANCE WITH PERMIT CONDITIONS. 21. CLEANUP/STABILIZATION/RESTORATION: ALL DISTURBED AREAS SHALL BE RETURNED TO THE ORIGINAL CONTOURS. DISTURBED AREAS SHALL BE SEEDED AS SPECIFIED IN THE CLEAN-UP AND RESTORATION REQUIREMENTS. IF THE TERRAIN ALLOWS AND ACCESS IS PERMITTED, CONTRACTOR SHALL UTILIZE LOW GROUND PRESSURE EQUIPMENT OR OTHER EQUIPMENT APPROVED BY OWNER, TO FACILITATE CONTAINMENT AND CLEAN-UP OF ANY INADVERTENT RETURNS THAT OCCUR DURING THE HDD INSTALLATION PROCESS.

PROTECTION OF EXISTING FACILITIES

CONTRACTOR SHALL UNDERTAKE THE FOLLOWING STEPS PRIOR TO COMMENCING DRILLING OPERATIONS. 1. CONTACT THE UTILITY LOCATION / NOTIFICATION SERVICE FOR THE CONSTRUCTION AREA.

- 2. POSITIVELY LOCATE AND STAKE ALL EXISTING UNDERGROUND FACILITIES. ANY FACILITIES LOCATED WITHIN 10 FEET OF THE
- DESIGNED DRILL PATH SHALL BE EXPOSED. 3. MODIFY DRILLING PRACTICES AND DOWNHOLE ASSEMBLIES AS NECESSARY TO PREVENT DAMAGE TO EXISTING FACILITIES.

1. TOPOGRAPHIC SURVEY DATA PROVIDED BY GULF INTERSTATE ENGINEERING

2. ELEVATIONS, NORTHINGS AND EASTINGS ARE IN U.S. SURVEY FEET REFERENCED LOUISIANA STATE PLANE WITH NAD83 HORIZONTAL DATUM, NAVD 1988 VERTICAL DATUM, SOUTH ZONE; CENTRAL MERIDIAN 93D W (LA83-SF-MOD)

1. DRILLED PATH STATIONING IS IN FEET BY HORIZONTAL MEASUREMENT AND IS REFERENCED TO CONTROL ESTABLISHED FOR THE

SIGNATURE | DATE | SIGNATURE

- DRILLED PATH COORDINATES REFER TO CENTERLINE OF PILOT HOLE AS OPPOSED TO TOP OF INSTALLED PIPE. PRIOR TO REAMING/PULLBACK, THE CONTRACTOR SHALL SUBMIT AS-DRILLED DATA AND CALCULATED LOCATION TO THE
- COMPANY FOR APPROVAL OF THE PILOT HOLE.

						G GULE INTERSTATE
			<u>∕</u> B RER	GJ	ISSUED FOR CLIENT REVIEW (03/07/2024)	TEXAS REGISTERED ENGINEERING LOUISIANA EF.0000396
#	+		A RER	GJ	ISSUED FOR INTERNAL REVIEW (03/04/2024)	
	5 DWG NO	REFERENCE DWG	REV DSN	CK	DESCRIPTION	

20" CHW PIPELINE			ALS	APPROVA	ENGINEERING	
HORIZONTAL DIRECTIONAL DRILL	HORIZONTAL DIRECTION		CONSTRUCTION		BID	AWN BY: RER
PLAN & PROFILE			AA		AA	OJECT MANAGER
			GJ		GJ	SIGN ENGINEER
	LOC.		PJ		PJ	SIGN CHECKER



DWG. 2018-100-PL-DWG-0009 | REV. B

SCALE: NOTED