



PERMIT TO INSTALL A 24" PIPELINE
CROSSING THE TEXAS CITY HURRICANE LEVEE
(29.408063, -94.889108)

To Applicant: MBTC Pipeline LLC
100 W. 5th Street
Tulsa, Oklahoma 74103

PERMIT NUMBER: TCSW-26-386

Dear Applicant:

You are hereby granted authority to install one 24" pipeline to transport liquid petroleum gas (as part of the Mont Belvieu to Texas City route) over the Texas City Hurricane Levee as shown on MPH Inc. drawings dated March 8, 2026.

Your authority is granted under the following terms, limitations and conditions.

1. Your use of the Permitted Premises is limited to the construction activity, limits and conditions as approved in the 408 permit 408-SWG-2025-0034 issued by the United States Army Corps of Engineers (USACE) Exhibit A. Areas affected by your activities shall be restored to existing or better conditions. Any other use of the Permitted Premises will automatically revoke this Permit.
2. The County does not guarantee or warrant in any capacity that it owns the Permitted Premises or the adjacent levee in fee simple absolute. This permit is effective only insofar as the rights of the County in the Permitted Premises are concerned. You must obtain such permission or authorization as may be necessary on account of any other existing rights by separate negotiations.
3. The County does not warrant in any manner that any portion of Hurricane Levee is suitable for the permitted purposes.
4. This Permit is being given exclusively to you. It is your responsibility to notify any of your employees, representatives, associates, contractors or sub-contractors of the terms and conditions of this permit. It is also your responsibility to ensure that any such person or entities acting on your behalf also abide by the conditions of this permit. You

will be responsible for any damage caused by any of your employees, representatives, associates, contractors or sub-contractors.

5. Any matters relating to this permit shall be addressed to Michael Shannon, Galveston County Engineer at 722 Moody, Galveston, TX 77550, 409.770.5399, michael.shannon@co.galveston.tx.us.
6. The County may permit parties other than you to have use of the Permitted Premises during the permitted period. We will attempt to provide you with the names of such other permitted parties.
7. You are fully responsible for all matters pertaining to traffic regulation, safety and control on all areas of the Permitted Premises attributed to your operations.
8. Your operations will be performed without cost or expense to the County.
9. You agree to be responsible for all damages to the levee and levee roadway caused by your vehicles, equipment or operations or by vehicle, equipment or operations of others acting on your behalf.
10. You will settle, to the County's satisfaction, all claims, damages, demands and causes of action related to the Permitted Premises and levee right-of-way including the levee drainage system, pump station and levee road resulting from your operations or the operations of others acting on your behalf in an expedient manner.
11. You will execute and have your surety execute the attached bond in the amount of \$100,000.00 with the issuance date being the effective date of the permit. The surety bond shall remain in effect for one year, unless the County releases it sooner.
12. The County or its consultant will make all inspections and submit all claims for damages to you within a timely manner. If no damages are determined to have occurred by the County, your bond will be released.
13. Any use of the Permitted Premises, other than for the 24" liquid petroleum gas pipeline requires a new permit and surety bond. The amount of the bond required will be renegotiated.
14. You shall furnish upon Issuance date to the County a copy of your current Certificate of Liability Insurance coverage, insuring against damages, and damages to the person or property of third parties that are caused by vehicles, equipment or your operations; such third party general liability being with bodily injury limits not less than \$250,000 per person, and \$500,000 per accident, and property damage limits of not less than \$100,000 per accident. Galveston County must be named additional insured on the policy.

15. YOU AGREE TO PROTECT, INDEMNIFY, DEFEND AND HOLD THE COUNTY OF GALVESTON HARMLESS FROM AND AGAINST ANY AND ALL CLAIMS OF DAMAGE TO PERSONS OR PROPERTY OCCURRING OR IN ANY WAY ARISING OUT OF OPERATIONS UNDER THIS PERMIT.

16. You agree to these conditions by signing below.

Dated this _____ day of _____, 2026.


COUNTY OF GALVESTON,

By: _____
Mark Henry, County Judge

ATTEST:

By: _____
Dwight D. Sullivan, County Clerk

MBTC Pipeline

By:  _____
Todd McKimney
Vice President, Engineering & Construction



DEPARTMENT OF THE ARMY
UNITED STATES ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

MBTC Pipeline LLC
Ms. Jennifer Smith
100 W. 5th Street
Tulsa, Oklahoma 74103

Dear Ms. Smith:

The Galveston District of the U.S. Army Corps of Engineers (USACE) has performed an evaluation of your Section 408 Application (408-SWG-2025-0034) dated June 12, 2025 that is associated with Regulatory Permit SWG-2025-00089, requesting Section 408 authorization to install approximately 45 miles of new 24-inch diameter pipeline to transport liquified petroleum gas from Mont Belvieu to Texas City, Texas. A portion of the proposed work would cross beneath the Houston Ship Channel and across the Texas City Hurricane Flood Protection Levee in Texas City, Galveston County, Texas. The pipeline will be installed by Horizontal Directional Drill (HDD) to cross the Houston Ship Channel at a depth of -130 MLLW and will cross over the Texas City Hurricane Flood Protection Levee via "camelback" under a minimum of 4 feet of fill. The Houston Ship Channel and the Texas City Hurricane Flood Protection Levee are operated by the USACE. This evaluation has been performed pursuant to Section 14 of the Rivers and Harbors Act of 1899, 33 U.S.C. 408 (Section 408) and in accordance with Engineer Circular (EC) 1165-2-220.

Under Section 408, any proposed alteration of the Federal project must be evaluated for impacts to the project. Based on the review by my staff, I have determined that the proposed construction will not impair the usefulness of the Texas City Hurricane Flood Protection Levee or the Houston Ship Channel, and is not injurious to the public interest, provided the Special Conditions listed below are utilized. The proposed work has been found to comply pursuant to my delegated authority under 33 U.S.C. 408 (Section 408).

My evaluation of the proposed work shall not be considered as an approval of the design features of any activity authorized, or an implication that such construction is considered adequate for the purpose intended. It does not authorize any damage to private property, invasion of private rights, or obviate the need for compliance with any federal, state, or local laws, regulations, or permitting requirements. This Section 408 evaluation, performed in accordance with Engineer Circular (EC) 1165-2-220, does not grant permission to begin construction on or access a Federal property. As the requestor, you shall be responsible for any damage or impacts to the Federal project resulting from this construction and will be required to expeditiously repair any damage according to USACE design.

This authorization for work under Section 408 is valid for five years from the date of this letter, unless the Galveston District determines new information and warrants a revision prior to the expiration date.

The following site-specific conditions are made as limitations, restrictions, safety issues, or conditions to make the proposed use compatible with the operation of the project

Houston Ship Channel

1. Any United States Army Corps of Engineers (USACE) work or maintenance work will take precedence over the private activities authorized herein. Maintenance work information can be obtained from the Galveston Resident Office (409-908-5803).
2. Requestor shall notify the USACE thirty (30) days in advance and coordinate with John McLain, Area Engineer (409-370-3958) and Aron Edwards, Operations Acting Land Use Coordinator (409-766-3028), prior to commencement of work. Coordination to include, but is not limited to, scheduling pre-work and post-work on-site inspections. USACE may have personnel perform inspections during the construction to ensure compliance with this permission.
3. Requestor understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of any work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said remaining structures or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the grantee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
4. USACE personnel will have unrestricted access to the construction site.
5. It is understood that this permission is effective only insofar as it pertains to the property rights of the Government in the property.
6. USACE reserves the right to inspect the work at any time during the term of this authorization provided reasonable notice is given to Requestor.
7. If any previously unknown historic or archeological remains are discovered while accomplishing the activity authorized by this permit, you must immediately cease and desist and notify the USACE of what you have found. The USACE will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
8. Requestor shall notify the USACE thirty (30) days in advance and coordinate with the rights granted herein with John McLain, Area Engineer (281-464-1016) and Aron Edwards, Operations Acting Land Use Coordinator (409-766-3028), prior to commencement of activities. Coordination to include, but is not limited to, scheduling pre-work and post-work on-site inspections.
9. During installation of the pipeline, no work will be allowed to obstruct any navigation channels or impact any Federal properties. The Requestor shall be responsible for all damages that occur to the Federal project during work. The Requestor shall coordinate with the respective USCG office and Pilot organization to ensure project will not interfere with navigation.
 - a. Surveys shall be submitted within fourteen (14) days of completing the installation activities authorized herein.
 - b. Requestor shall provide pre- and post-work multi-beam bathymetric surveys of the project site to John McLain, Area Engineer (281-464-1016) and Aron Edwards, Operations Acting Land Use Coordinator (409-766-3028).
10. After construction, the Requestor shall be responsible for ensuring that no material is left above pre-construction conditions.
11. The Requestor must perform a pre- and post-work multi-beam survey of the proposed pipeline corridor in Mean Lower Low Water (MLLW). The survey must document both pre- and post-work elevations of the Houston Ship Channel bottom along the proposed pipeline corridor.

- a. Surveys shall be conducted by a certified or trained operator.
 - b. The multi-beam survey should include a 100-foot-wide area on both sides of the pipeline corridor.
 - c. Surveys shall be submitted within thirty (30) days of completing the construction activities authorized herein.
 - d. Requestor shall provide pre- and post-work multi-beam bathymetric surveys of the project site to John McLain, Area Engineer (281-464-1016) and Aron Edwards, Operations Acting Land Use Coordinator (409-766-3028).
12. After construction, the Requestor shall be responsible for ensuring that no material is left above pre-construction conditions.
13. The Requestor must submit to the Corps for its review and approval as-built drawings of the completed structures within ninety (90) days of project completion. The approved structure includes approximately 1300 feet of 24-inch diameter natural gas pipeline beneath the Houston Ship Channel at a depth of -130 feet MLLW and an Up and Over pipeline crossing of the Texas City Hurricane Flood Protection Levee. Cadastral data and format requirements are as follows:
- a. All GIS data submissions should be provided to USACE as a compressed (.zip) file containing a geodatabase (.gdb) and/or shapefile (.shp) components.
 - Dataset must be a 3D line feature(s) and include z-values, or heights, to correctly locate themselves in 3D space. These objects must be modeled as 3D line features.
 - Dataset must have a horizontal projection in the coordinate system of NAD1983 State Plane Texas South Central US feet.
 - Dataset must have a defined vertical coordinate system for the feature class's z-values on the containing feature dataset provided in MLLW.
 - b. The design data should consist of simple lines and polygons indicating the limits of the completed construction only. The coordinate system and datum that the drawing is currently in must be clearly shown.
 - c. For CADD drawings, please ensure that all layers are properly named to describe that specific feature. If the layers are named using acronyms, we need a legend or shoe boxes with leader lines, identifying each feature class within the drawing. All areas must be created in real-world (model space) with an assigned coordinate system. Please do not send drawings with XREFs or reference files, insert all needed files or feature layers into one design file. Cut-sheet or plate layouts in CADD are not needed, however PDFs of proposed project plans and/or as-built are required for further review.
 - d. For GIS drawings, assign a proper name sequence to describe that specific feature or it can also be defined in the spatial data within the shape file.
 - e. To help keep file sizes to the minimum, imagery and USGS Quads do not need to be provided.
 - f. The projected coordinate system is:
 - (i.) Datum: North American 1983 (Survey Feet)
 - (ii.) Projection: State Plane
 - (iii.) Zone: Texas South Central

14. Requestor must obtain and comply with all Regulatory Permit requirements including but not limited to: Department of the Army Permit SWG-2025-00089, the requirements of which are incorporated herein by this reference that states that the subject pipeline must be placed beneath Galveston Bay and the Houston Ship Channel at a depth of -130 feet MLLW.
15. All pipelines crossing Federal project channels shall be identified by signs in accordance with the following minimum requirements: The signs shall be placed a minimum of fifty (50) feet beyond the beacon lines in bays and landlocked channels. The signs shall be placed on both sides of the channel. The signs shall be placed parallel to the channel and supported on two single piles with at least 2-inch butts with one on each side of the pipeline, and the signs shall have lettering of sufficient size that can be read easily from the center of the channel by a person with normal vision. The letters shall identify the company and provide the company's contact information.

Texas City Hurricane Flood Protection Levee

1. Any project property damaged or repaired as a result of the Requestor's activities under this permission shall be repaired or restored by, and at the expense of the Requestor in accordance with USACE requirements. These efforts may include embankment repairs and additional seeding or turfing.
2. USACE and Galveston County (contact Ms. Nancy Baher, Assistant County Engineer at 409-770-5556 or nancy.baher@co.galveston.tx.us) shall be invited to attend the pre-construction meeting for the proposed work.
3. USACE reserves the right to inspect the work at any time during the term of this authorization provided reasonable notice is given to Requestor.
4. USACE and Galveston County personnel will have unrestricted access to the work site.
5. At the end of construction, the Requestor shall restore all surfaces used for haul roads and staging areas to their condition prior to construction. Such restoration shall be at the Requestor's expense and shall include regrading, turfing, landscape repair, existing facilities repair and other work required to restore these areas to existing conditions or better than prior to the start of construction.
6. Any changes to the design or construction should be stamped by a professional engineer and submitted to the Galveston District for approval before execution.
7. USACE and Galveston County shall be invited to attend the pre-construction meeting for the proposed work.
8. The Requestor should notify the Galveston District and Galveston County a minimum of 14 days prior to beginning construction. The Galveston District and Galveston County may have personnel perform inspections during the construction to ensure compliance with this permission.
9. The Galveston District and Galveston County shall be invited for a final inspection within 30 days of construction completion.
10. The Galveston District and Galveston County shall be provided with as-built drawings in PDF format within 60 days of construction completion.
11. Requestor shall adhere to the document titled "408-SWG-2025-0034-MBTC Pipeline 408 Final Permit Application", dated 05 September 2025.

12. Engineering Considerations for Construction: Personnel responsible for construction oversight should note the following:

- a. Review site restoration plan.
- b. Review contractor's work/construction plan.
- c. Review all Technical Review MFRs.
- d. Ensure fill type and compaction requirements are fulfilled.

If you have any questions or requests for additional information, please reference 408-SWG-2025-0034, and contact the Operations Acting Land Use Coordinator, Mr. Aron Edwards, at (409) 766-3028. For Flood Risk Management concerns Ms. Charlene Harry at (409) 766-3865. Thank you for your continued coordination of efforts that impact an important federal project.

Sincerely,

KINMAN.BELYND
A.MARIA
LUZ.1535155557

Digitally signed by
KINMAN.BELYNDA.MARIA
LUZ.1535155557
Date: 2026.05.01 12:10:07
-05'00'

Belynda Kinman
Chief, Operations Division

Cc: Nancy Baher, Galveston County

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Service Layer Credits: World Street Map, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

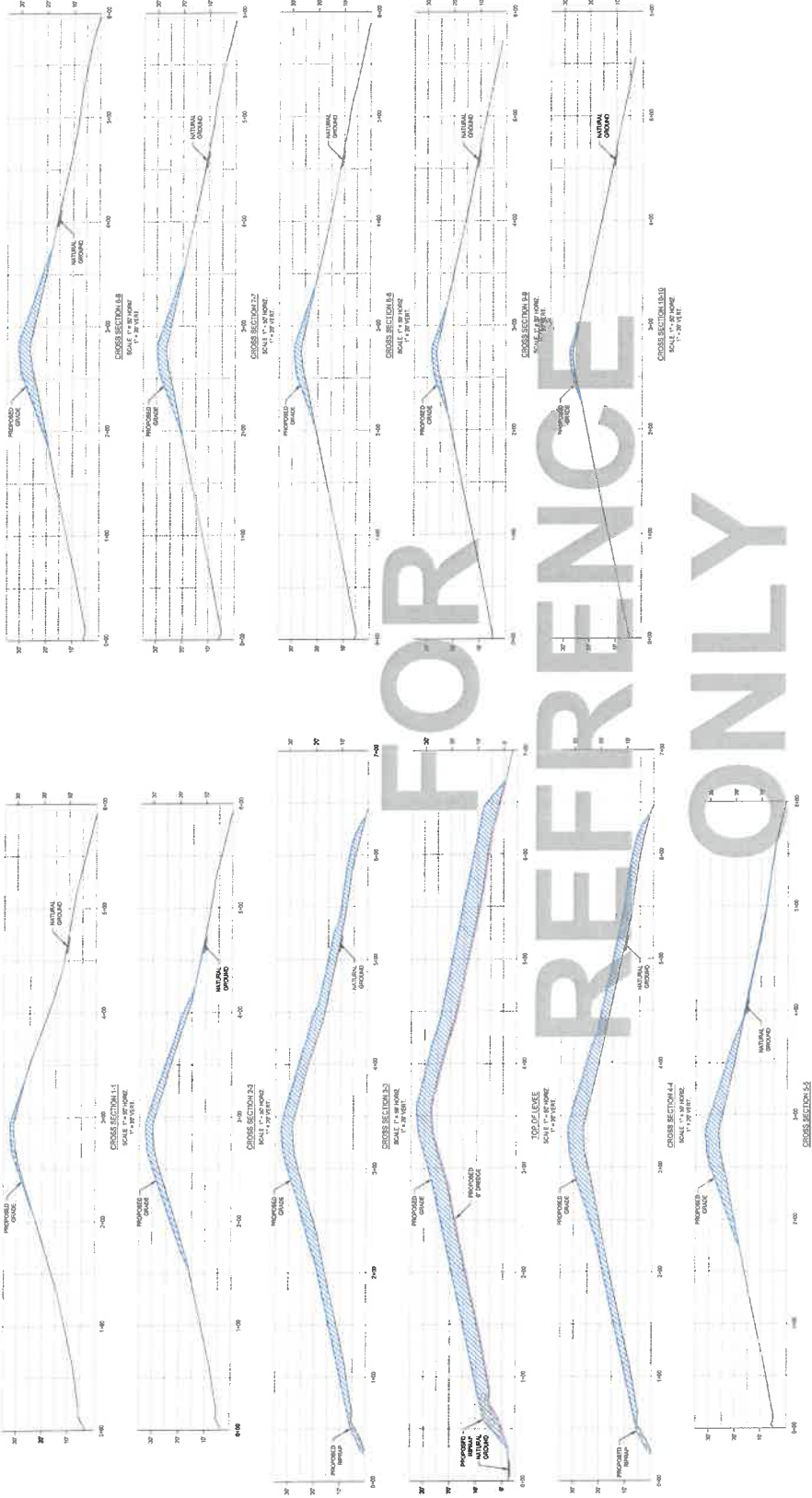


Proposed Pipeline Route



Figure A-1
Project Vicinity Map
MBTC Pipeline LLC
Chambers and Galveston
Counties, TX

GALVESTON COUNTY, TEXAS



REFERENCE ONLY

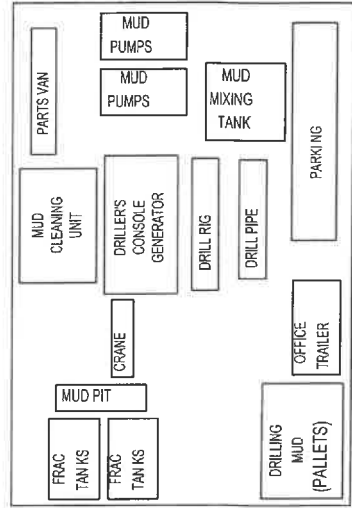
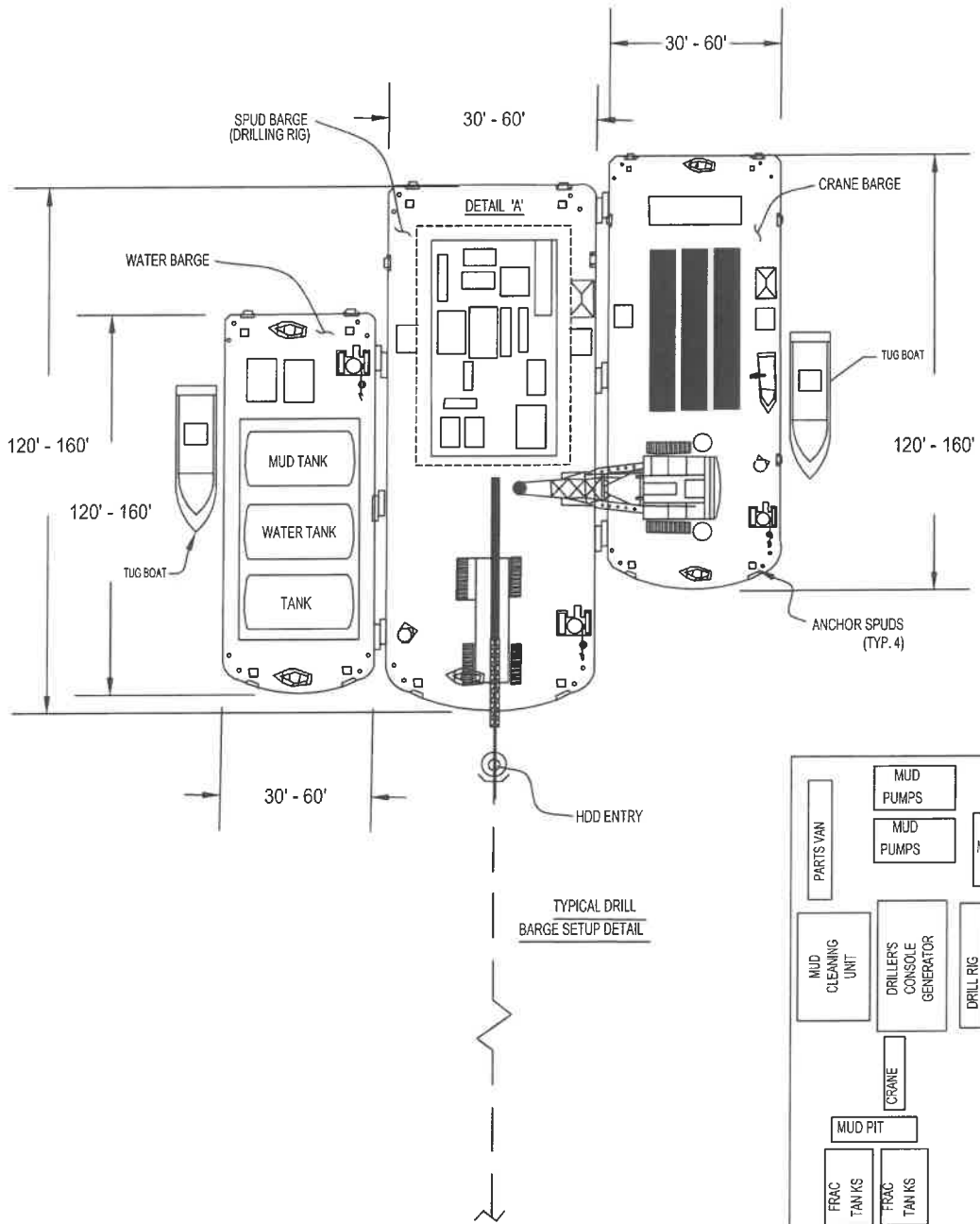
1. GRID COORDINATES ARE BASED ON MADS (2011) TEXAS SOUTH CENTRAL ZONE GEOID128 DERIVED FROM THE NATIONAL DATUM OF 1983.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT APPROPRIATE UTILITY AGENCIES FOR LOCATIONS OF UNDERGROUND UTILITIES. THOSE SHOWN HEREON ARE APPROXIMATE LOCATIONS.
3. THE PROPOSED GRADE IS BASED ON A LOW WATER (MAY) SCENARIO. THE TIDE DIFFERENCE BETWEEN VERMILION BEACH LOW WATER AND LOW WATER FOR WATER (MAY) READINGS ARE 1.26 FEET PER NOAA TIDE GAUGE #770813 (MORGAN'S POINT, TX).
4. ALL ELEVATIONS ARE IN FEET UNLESS OTHERWISE NOTED. ELEVATIONS SHOULD NOT BE MODIFIED, NOR BE USED TO PLACE SPOTS, LIGHT EQUIPMENT AND VEHICLES.
5. MAINTENANCE SHALL BE PERFORMED PER THE LOW WATER (MAY) SCENARIO WITH FLOODPLAIN USE.
6. BACKFILL AND BEDDING ARE IMPERMEABLE LEAN CLAY (WITH HYDRAULIC CONDUCTIVITY LESS THAN 0.0001 CM/SEC) AS DEFINED IN ASTM 2486 - USCS CLASSIFICATION SYSTEM. CONSTRUCTION SPECIFICATIONS SHALL PROVIDE A 6\"/>

PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1804 WEST GRAND
PARKWAY N. SUITE 200
HOUSTON, TEXAS 77058
(713) 300-4400
LICENSE NUMBER: 00000000000000000000000000000000
ENGINEERING PW LICENSE: 00000000000000000000000000000000

ONVOK
NO. 2 - HALL COMPANY, L.L.C.
PROPOSED 24\"/>

REVISIONS		APPROVALS	
NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR CONSTRUCTION	07/18/25	TR
2	ISSUED FOR CONSTRUCTION		TR
3	ISSUED FOR CONSTRUCTION		TR

DATE	BY	DATE	BY
07/18/25	TR		
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	TR		



DETAIL 'A'

SEE DRAWING NO.
107461-TYP-0006-HDD EXIT
TYPICAL SUPPORT BARGE
SETUP DETAIL

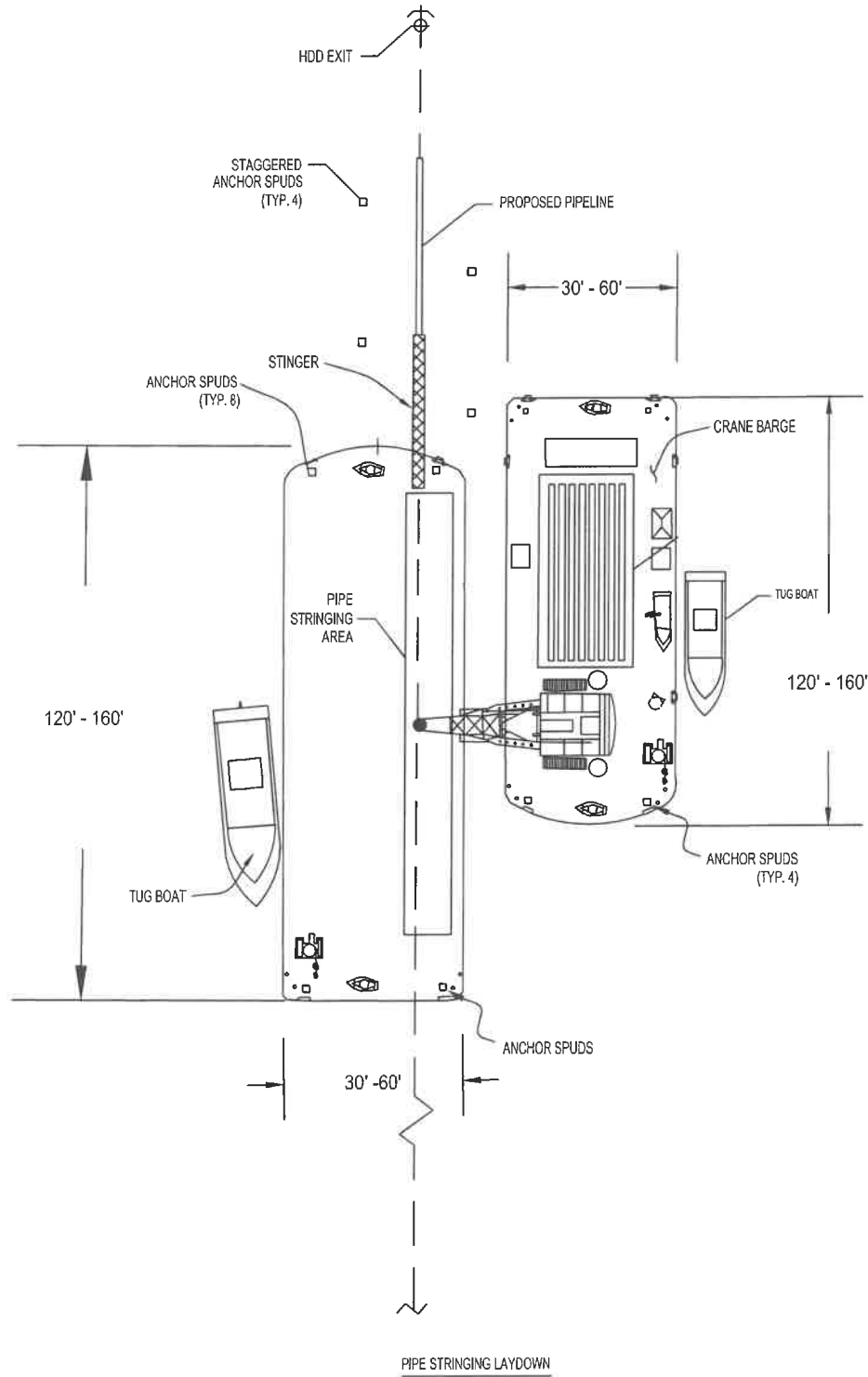
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DRAWN BY	JAT
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REVIEWED BY	*
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PROJECT MANAGER	*
SHEET	1 OF 2

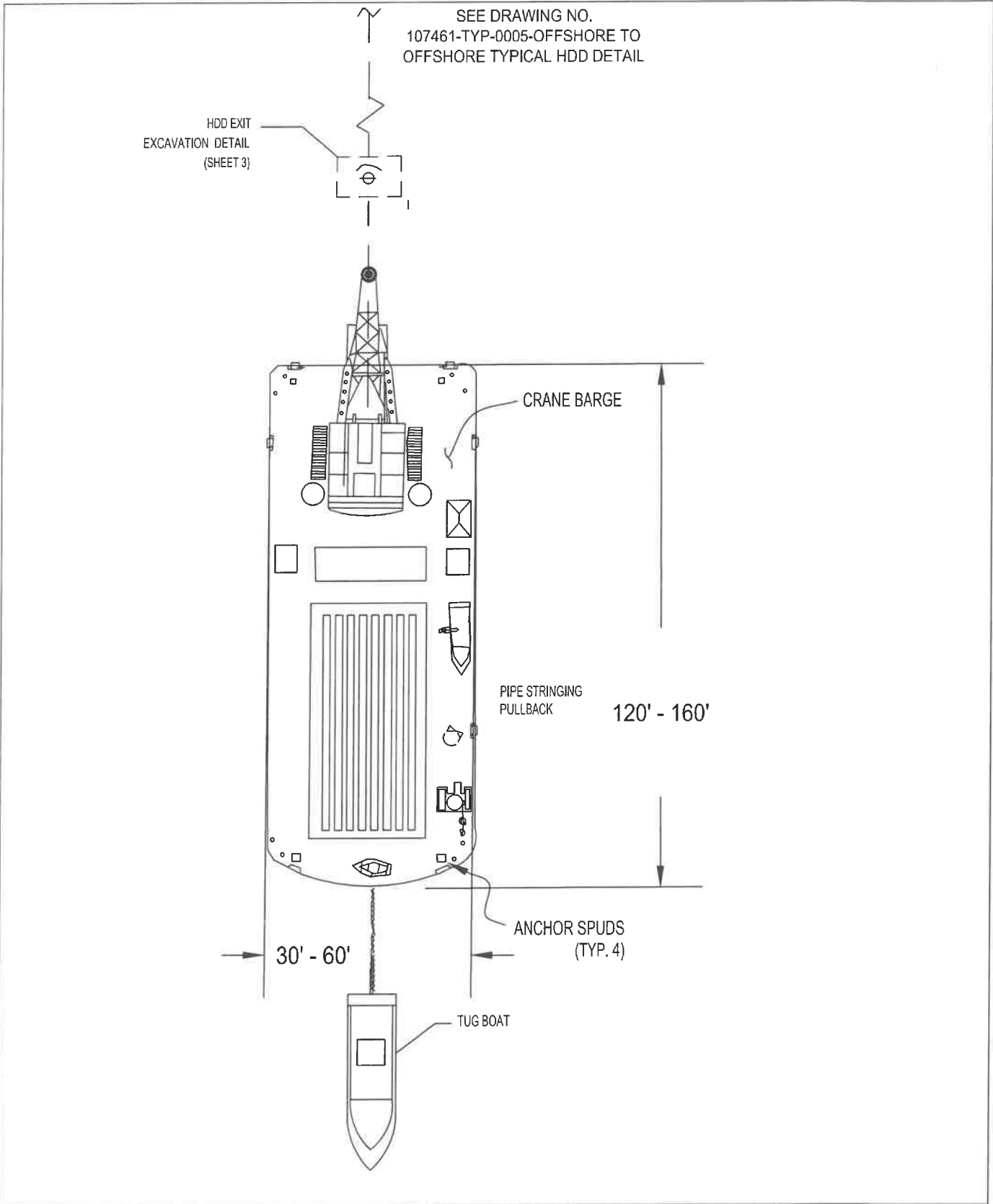
MBTC Pipeline

OFFSHORE TO OFFSHORE
TYPICAL HDD DETAIL

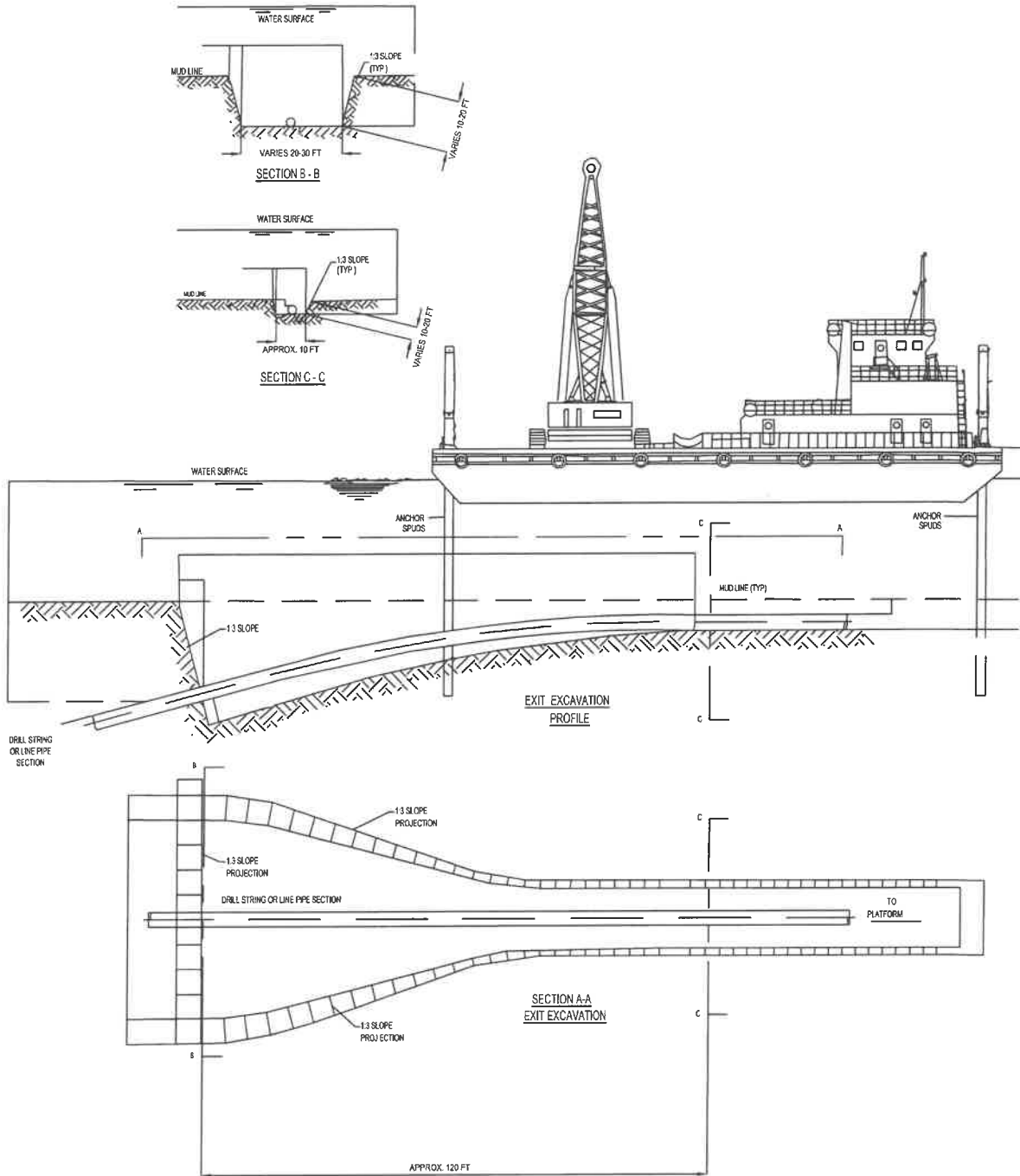
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▲						PROJECT MANAGER	*			
▲						SCALE: NTS	*			
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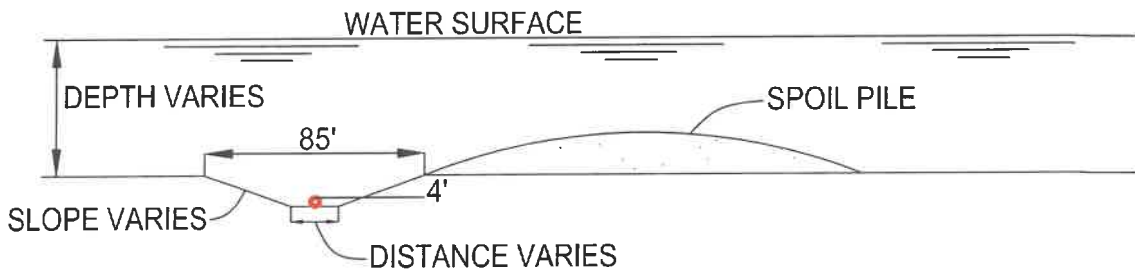
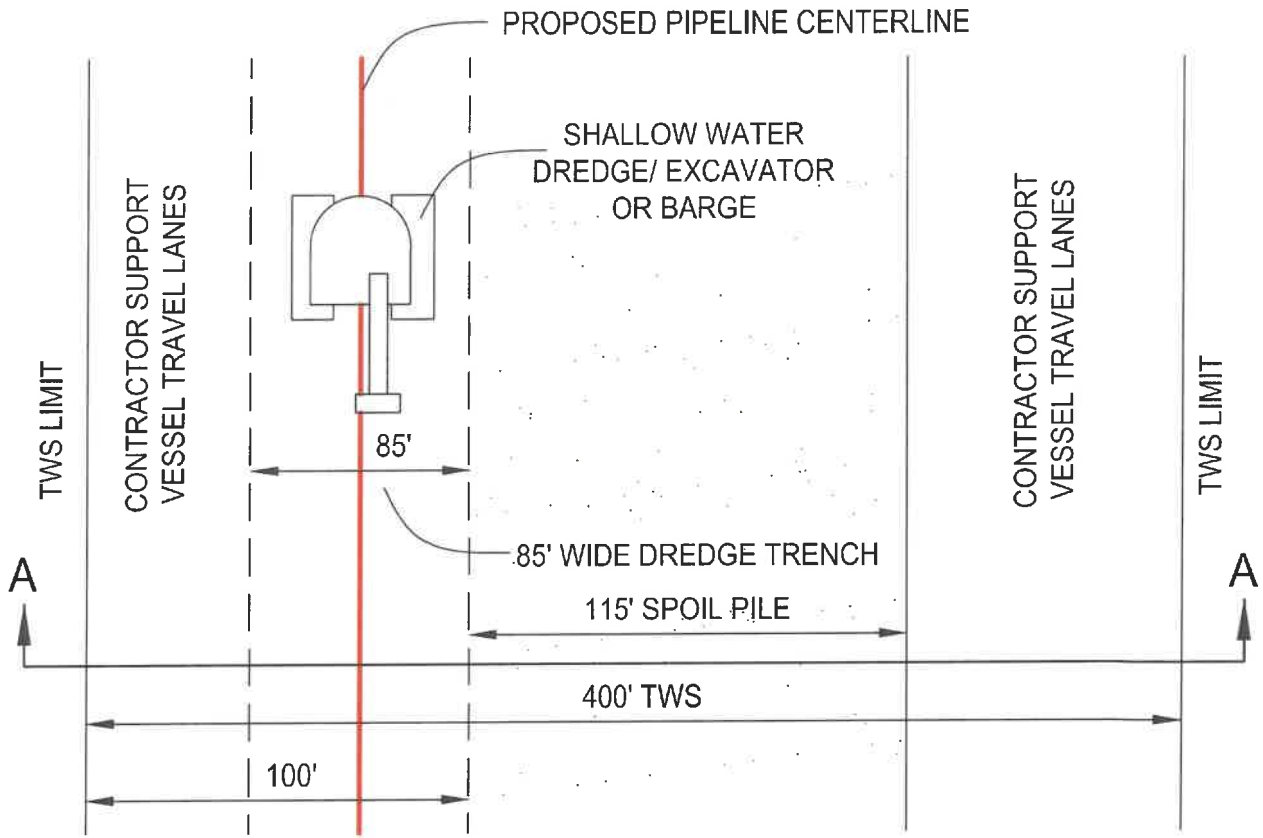


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TYPICAL SHALLOW WATER DREDGE



SECTION A-A

NOTES:

- SHALLOW WATER DREDGE TO BE USED WHERE BARGE WITH JET SLED CANNOT TRAVERSE DUE TO SHALLOW WATER CONDITIONS.
- ANTICIPATED TO BE NEEDED FOR THE SHORE APPROACH TO TEXAS CITY LEVEE. TOTALING APPROXIMATELY 3000 LINEAR FEET SEAWARD FROM THE SHORELINE.

REVISIONS						DRAWN BY		CRS		
△	ISSUED FOR REVIEW	08/05/25	CRS	PAC	*	CHECKED BY	CRS	MBTC Pipeline SHALLOW WATER DREDGE DETAIL		
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