



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

February 12, 2024

Regulatory Division
Central Evaluation Branch

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

Application #: MVN-2023-000932-CQ

PUBLIC NOTICE

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers 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).

PROPOSED 6-INCH BUTANE LATERAL PIPELINE NEAR SORRENTO IN ASCENSION PARISH

NAME OF APPLICANT: Shell Pipeline Company, LP, c/o: Sheila Mitchell Impact Management, attn.: Ms. Sheila Mitchell, 5711 Milart Street, Houston, Texas 77021.

LOCATION OF WORK: Located on an approximate 9.14-acre site located along and northeast of Texaco Road, in Section 15, 16, 21, and 22, Township 10 South, Range 4 East, near Sorrento, Louisiana, in Ascension Parish, within the Pontchartrain Basin in hydrologic unit (HUC 08070204), as shown on the attached drawings (Latitude 30.167680 N, Longitude -90.802699 W).

CHARACTER OF WORK: The applicant has requested a Department of the Army permit to clear, grade, excavate and deposit fill to install and maintain an approximate 2,780-linear foot 6-inch butane lateral pipeline. The project is required to allow the transfer of butane from the Sorrento storage domes to an existing Geismar to Norco 6-inch pipeline. The project will supply Shell's Norco facilities with butane. Approximately 24,300 cubic yards of native excavated fill material would be temporarily excavated and placed as backfill material during the pipeline open trench installation methodology. Approximately 565 cubic yards of vegetative material (proposed chipped tree material) is proposed to be placed in jurisdictional areas. Approximately 3.1 acres of jurisdictional forested wetlands (swamp and bottomland hardwood habitats) would be permanently converted to emergent wetlands. Approximately 1.6 acres of jurisdictional fresh marsh habitat, 0.1 acre of jurisdictional scrub-shrub habitat, and 0.1 acre of jurisdictional wet pasture wetland habitat. The project would also temporarily

impact approximately 3.3 acres of jurisdictional Other Waters of the US as a result of the project. The applicant proposes to utilize best management practices for erosion and siltation control during and after the construction phase of the project.

MITIGATION: The applicant claims that the proposed project has been designed to avoid and minimize direct and secondary adverse impacts to the maximum extent practicable. To offset unavoidable impacts to jurisdictional wetlands, the applicant is proposing to purchase in kind within basin credits an approved mitigation bank.

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 Corps of Engineer's project manager listed above or forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY DIVISION, RGC, Kenneth Blanke**. Individuals or parties may also request an extension of time in which to comment on the proposed work by mail or preferably by emailing the specified project manager listed above. Any request for an extension of time to comment 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 requester will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous and inclusive of the initial comment period and 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.

The U.S. Army Corps of Engineers is soliciting comments from 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 U.S. Army Corps of Engineers 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 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.

The New Orleans District 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 neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species. Based on the Information Planning and Consultation (IPaC) tool for Endangered Species in Louisiana, as signed on January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service, it has been determined that the project would have no effect to any listed 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.

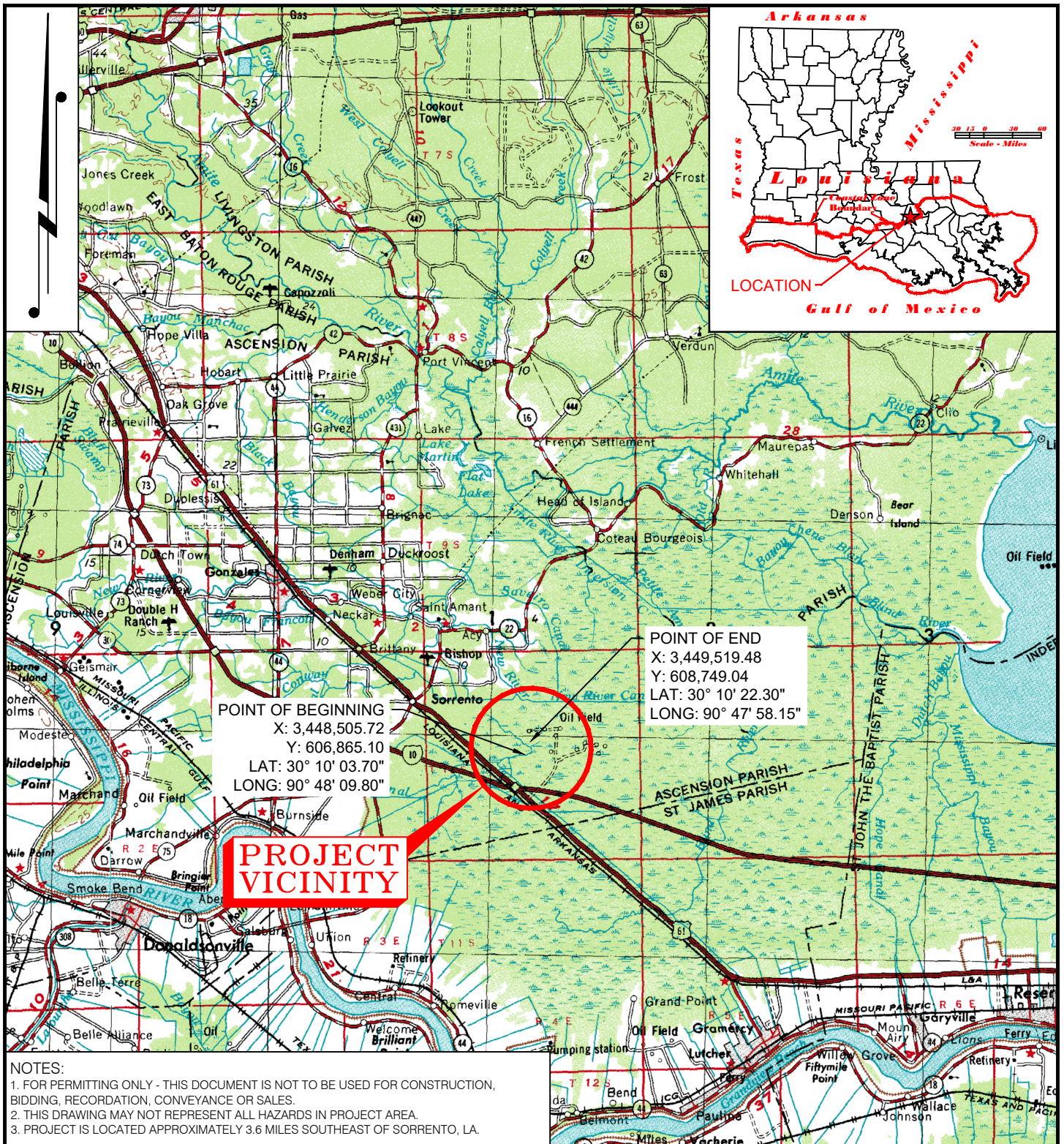
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. ***Also, a certification that the proposed activity will 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



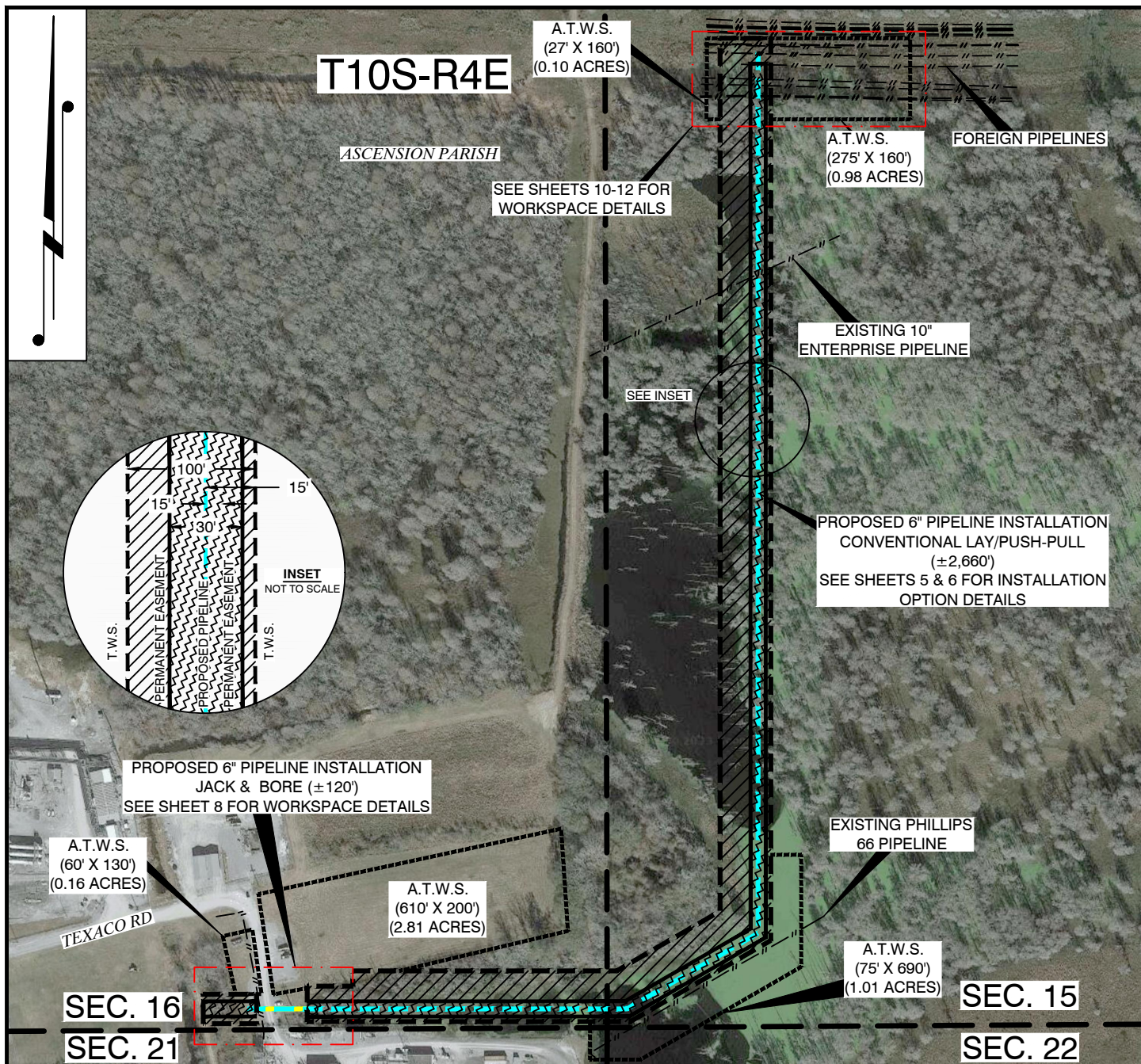
NOTES:

1. FOR PERMITTING ONLY - THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE OR SALES.
2. THIS DRAWING MAY NOT REPRESENT ALL HAZARDS IN PROJECT AREA.
3. PROJECT IS LOCATED APPROXIMATELY 3.6 MILES SOUTHEAST OF SORRENTO, LA.

DRAWN BY:	JPD	APPROVED BY:	BST
DATE:	04/27/2023	JOB NO:	2022.1125
DRAWING NAME:		22.1125_C1.DWG	
SHEET NO:	1	OF	13
PROJECTION: LA SOUTH			
GEO. DATUM: HARN		VERT. DATUM: NAVD88	
GRID UNITS: US SURVEY FEET			
<u>SCALE: 1" = 4 Miles</u>			
			
4 Miles	2 Miles	0	4 Miles

VICINITY MAP		PRELIMINARY	
SHELL PIPELINE COMPANY, LP PROPOSED 6" BUTANE LATERAL LOCATED IN SEC. 15, 16, 21, & 22 T10S-R4E ASCENSION PARISH, LOUISIANA			
 T. BAKER SMITH A CENTURY OF SOLUTIONS 107 Global Circle, Lafayette, LA 70503 (337) 735-2800 - tbasmith.com	REV. NO: 00	REV. DATE: --/--/--	REV. BY: ---
	REVISION DESCRIPTION: --		

5/17/2023 - PLY-2022/2022.1125/DWG/ENV/COE/22.1125_C2.DWG



NOTES:

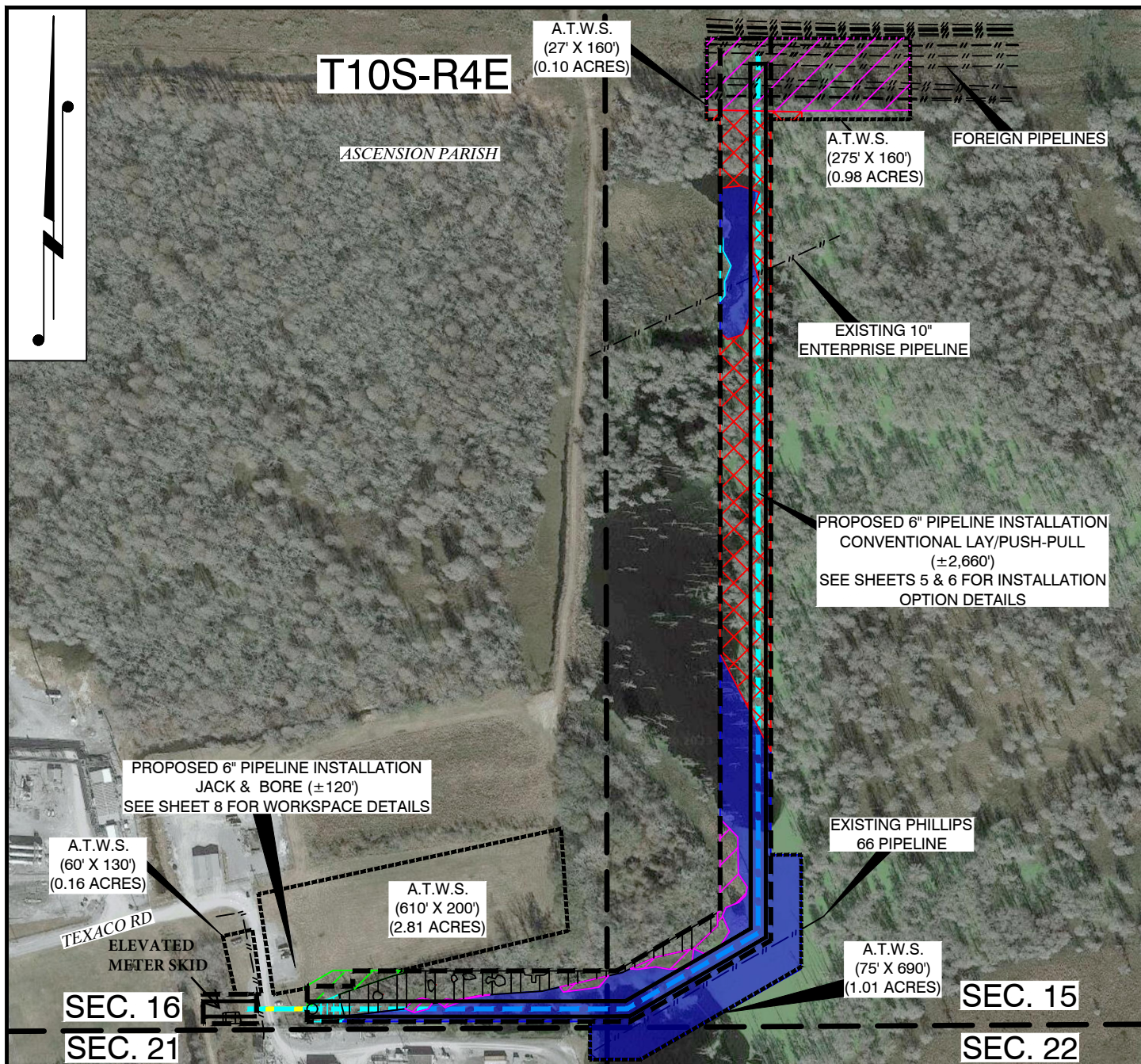
1. FOR PERMITTING ONLY - THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE OR SALES.
2. THIS DRAWING MAY NOT REPRESENT ALL HAZARDS IN PROJECT AREA.
3. PROJECT IS LOCATED APPROXIMATELY 3.6 MILES SOUTHEAST OF SORRENTO, LA.
4. WORKSPACE DETAILS INCLUDED IN THE INSET APPLY TO ENTIRE LENGTH UNLESS NOTED OTHERWISE.

LEGEND

- PROPOSED JACK & BORE
- PROPOSED CONVENTIONAL LAY/PUSH-PULL
- PROPOSED A.T.W.S.
- EXISTING FOREIGN PIPELINE
- PROPOSED TEMPORARY WORKSPACE
- PROPOSED PERMANENT EASEMENT

PRELIMINARY

DRAWN BY: JPD		APPROVED BY: BST		PLAN VIEW - WORKSPACES SHELL PIPELINE COMPANY, LP PROPOSED 6" BUTANE LATERAL LOCATED IN SEC. 15, 16, 21, & 22 T10S-R4E ASCENSION PARISH, LOUISIANA			
DATE: 05/03/2023		JOB NO: 2022.1125					
DRAWING NAME: 22.1125_C2.DWG							
SHEET NO: 2 OF 13							
PROJECTION: LA SOUTH GEO. DATUM: HARN VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET				REV. NO: 00 REV. DATE: --/-- REV. BY: -- REVISION DESCRIPTION: --			
SCALE: 1" = 300'							
<div><div></div><div>300'150'0'300'</div></div>							
<div><div><div></div><div></div><div></div></div><div>TBS</div></div> <div><div>T. BAKER SMITH</div><div>A CENTURY OF SOLUTIONS</div><div>107 Global Circle, Lafayette, LA 70503</div><div>(337)735-2800 - tbsmith.com</div></div>							

**NOTES:**

1. FOR PERMITTING ONLY - THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE OR SALES. THIS DRAWING MAY NOT REPRESENT ALL HAZARDS IN PROJECT AREA.
2. PROJECT IS LOCATED APPROXIMATELY 3.6 MILES SOUTHEAST OF SORRENTO, LA.

LEGEND

	CYPRESS SWAMP WETLAND (±2.3 ACRES)		PROPOSED JACK & BORE
	BOTTOMLAND HARDWOODS WETLAND (±0.7 ACRES)		PROPOSED CONVENTIONAL LAY/PUSH-PULL
	FRESH MARSH WETLANDS (±1.6 ACRES)		PROPOSED A.T.W.S.
	SCRUB-SHRUB WETLAND (±0.1 ACRES)		EXISTING FOREIGN PIPELINE
	WET PASTURE WETLAND (±0.1 ACRES)		PROPOSED TEMPORARY WORKSPACE
			PROPOSED PERMANENT EASEMENT
			WATER (±3.3 ACRES) DEPTH 2'- 6'

DRAWN BY: JPD		APPROVED BY: BST		PLAN VIEW - IMPACTS <u>PRELIMINARY</u> SHELL PIPELINE COMPANY, LP PROPOSED 6" BUTANE LATERAL LOCATED IN SEC. 15, 16, 21, & 22 T10S-R4E ASCENSION PARISH, LOUISIANA	
DATE: 05/03/2023		JOB NO: 2022.1125			
DRAWING NAME: 22.1125_C2.DWG					
SHEET NO: 3 OF 13					
PROJECTION: LA SOUTH GEO. DATUM: HARN VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET					
SCALE: 1" = 300' 				T. BAKER SMITH A CENTURY OF SOLUTIONS 107 Global Circle, Lafayette, LA 70503 (337)735-2800 - tbsmith.com	
REV. NO: 00		REV. DATE: --/--		REV. BY: --	
REVISION DESCRIPTION: --					

SHELL SORRENTO BUTANE LATERAL

TYPICAL CONSTRUCTION WORKSPACES

DRAWING NUMBER	LOCATION	TITLE
2022.1125_C2 - PG.5	SATURATED WETLAND	TYPICAL CONVENTIONAL CONSTRUCTION R.O.W.
2022.1125_C2 - PG.6	SATURATED WETLAND	TYPICAL PUSH-PULL CONSTRUCTION R.O.W.
2022.1125_C2 - PG.7	SATURATED WETLAND	TYPICAL PUSH-PULL CONSTRUCTION R.O.W.
2022.1125_C2 - PG.8	SATURATED WETLAND	PIPELINE JACK & BORE
2022.1125_C2 - PG.9	SATURATED WETLAND	PIPELINE POINT OF INFLECTION
2022.1125_C2 - PG.10	SATURATED WETLAND	FOREIGN PIPELINE CROSSING
2022.1125_C2 - PG.11	SATURATED WETLAND	HOT INDUCTION BEND TIE-IN & FOREIGN PIPELINE CROSSING
2022.1125_C2 - PG.12	SATURATED WETLAND	HOT INDUCTION BEND TIE-IN

PRELIMINARY



DRAWN BY: JPD APPROVED BY: BST

DATE: 05/03/2023 JOB NO: 2022.1125

DRAWING NAME: 22.1125_C2.DWG

SHEET NO: 4 OF 13

PROJECTION: LA SOUTH
GEO. DATUM: HARN | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

REVISION DESCRIPTION:

TYPICAL CONSTRUCTION R.O.W.

SHELL PIPELINE COMPANY, L.P.

PROPOSED 6" BUTANE LATERAL

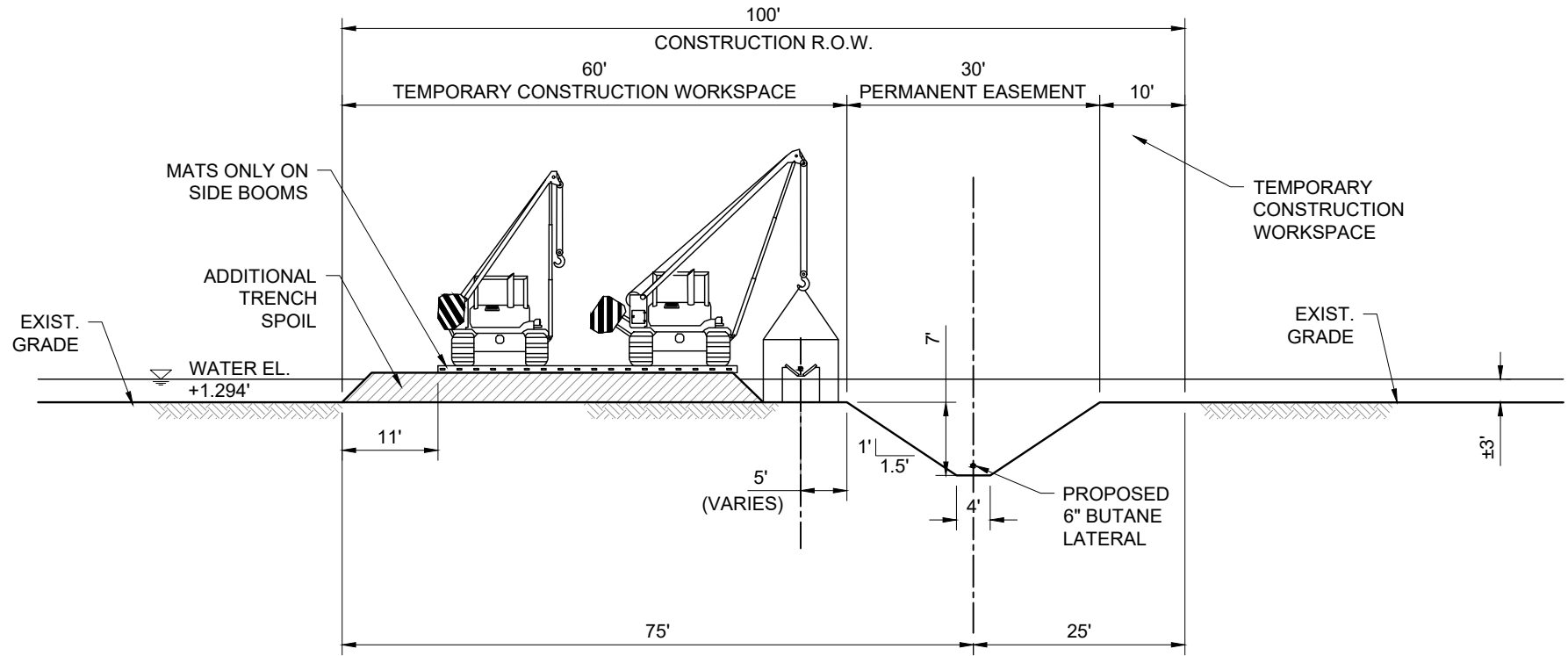
LOCATED IN

SEC. 15, 16, 21, & 22

T10S-R4E

ASCENSION PARISH, LOUISIANA

REV. NO: 00 REV. DATE: --/-- REV. BY: --



PROFILE
SCALE: N.T.S.

NOTES:

1. CLEARANCES DESIGNED FOR SIDE BOOM PIPELAYER.
2. PIPE DEPTHS REFERENCED ON ALIGNMENT SHEETS.
3. THIS CONSTRUCTION METHOD APPLIES TO FORWARD AND REVERSE PIPELINE LAY.
4. FOREIGN PIPELINE LOCATIONS AND DEPTHS TO BE DETERMINED IN ADVANCE OF PIPELINE CONSTRUCTION.
5. TRENCH DIMENSIONS ARE ASSUMED BASED ON OSHA TYPE C SOIL SLOPE REQUIREMENTS.

PRELIMINARY



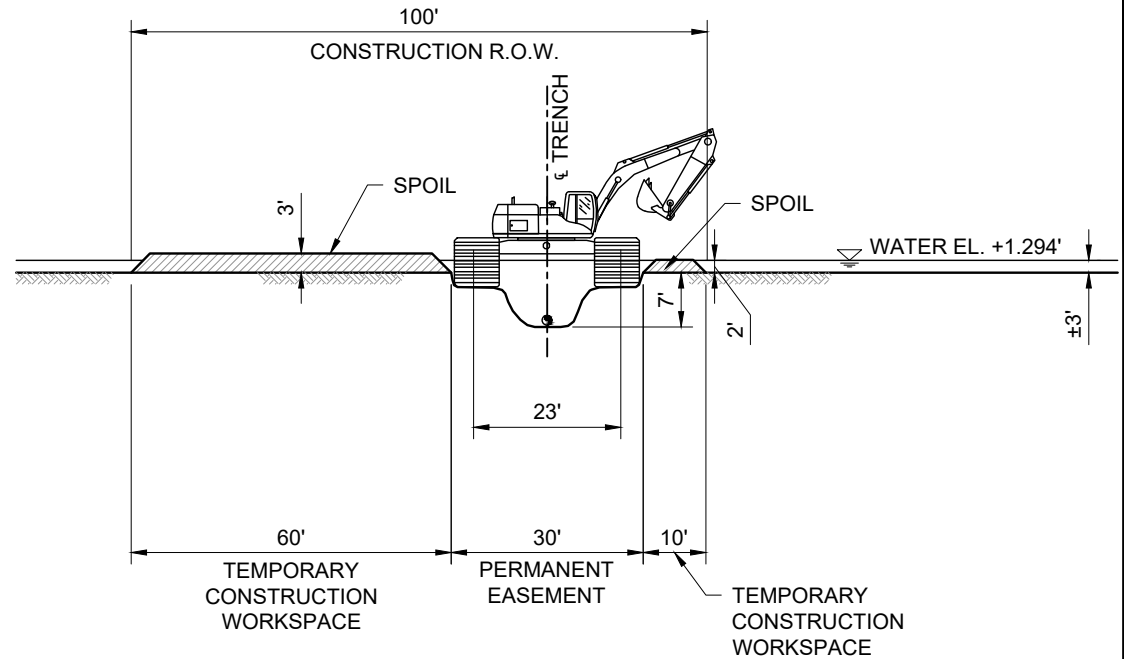
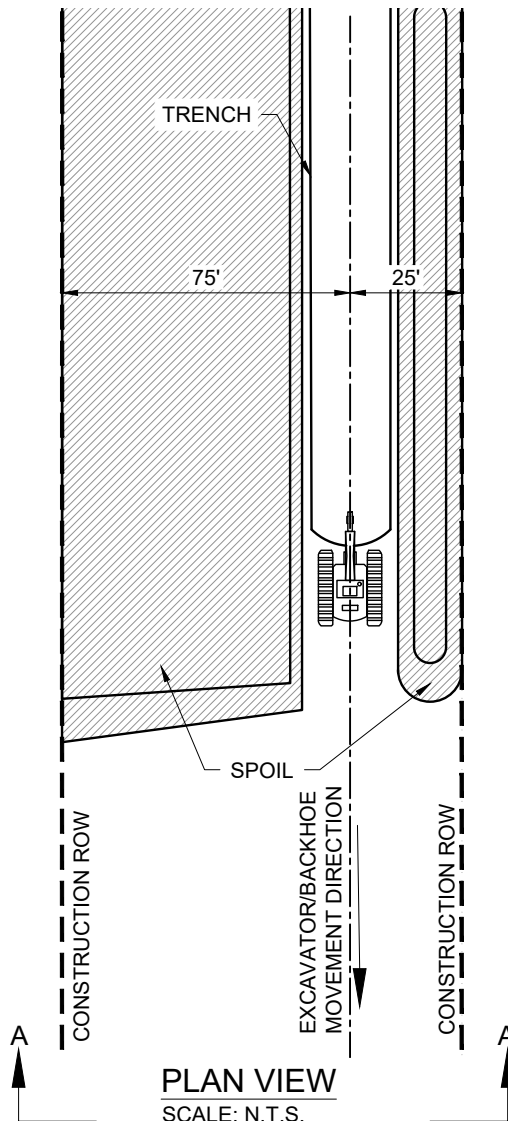
DRAWN BY: JPD	APPROVED BY: BST
DATE: 05/03/2023	JOB NO: 2022.1125
DRAWING NAME: 22.1125_C2.DWG	
SHEET NO: 5	OF 13
PROJECTION: LA SOUTH	
GEO. DATUM: HARN	VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET	
REVISION DESCRIPTION:	

TYPICAL CONVENTIONAL CONSTRUCTION R.O.W.

SHELL PIPELINE COMPANY, L.P.
PROPOSED 6" BUTANE LATERAL
LOCATED IN
SEC. 15, 16, 21, & 22
T10S-R4E
ASCENSION PARISH, LOUISIANA

REV. NO: 00	REV. DATE: --/--	REV. BY: ---
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5/17/2023 - PLY-2022/2022.1125/DWG/ENV/COE/22.1125_C2.DWG



SECTION A-A: AMPHIBIOUS EXCAVATOR INSTALLATION

PRELIMINARY



DRAWN BY: JPD APPROVED BY: BST

DATE: 05/03/2023 JOB NO: 2022.1125

DRAWING NAME: 22.1125_C2.DWG

SHEET NO: 6 OF 13

PROJECTION: LA SOUTH
GEO. DATUM: HARN | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

REVISION DESCRIPTION:

TYPICAL PUSH-PULL CONSTRUCTION R.O.W.

SHELL PIPELINE COMPANY, L.P.

PROPOSED 6" BUTANE LATERAL

LOCATED IN

SEC. 15, 16, 21, & 22

T10S-R4E

ASCENSION PARISH, LOUISIANA


REV. NO: 00 REV. DATE: --/-- REV. BY: --

5/17/2023 - PLY-2022/2022.1125/DWG/ENV/COE/22.1125_C2.DWG

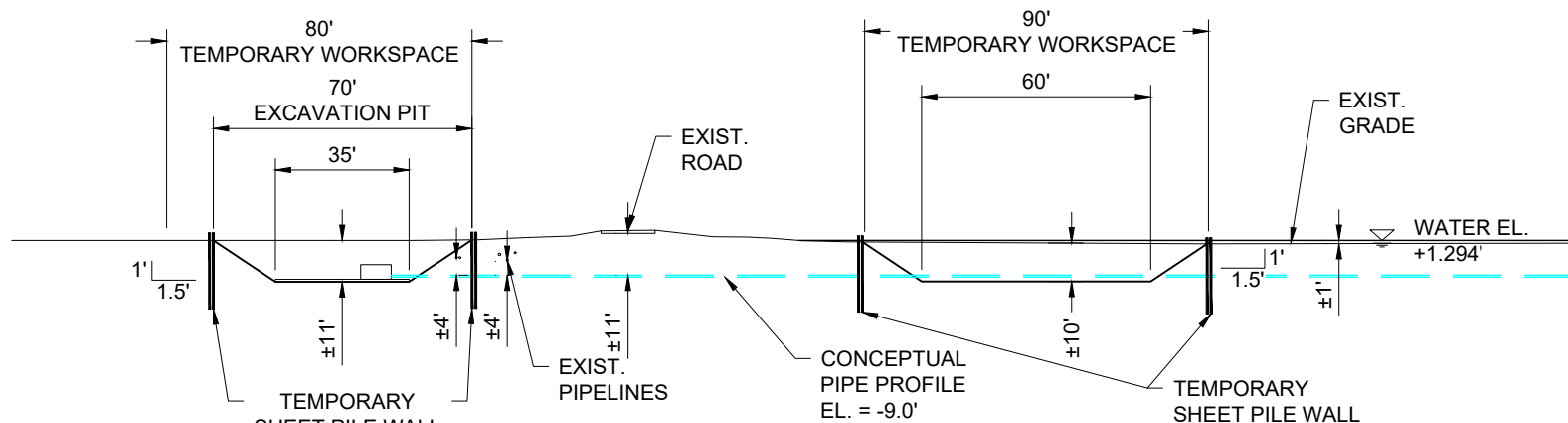
NOTES:

- 1. FLAG WETLAND BOUNDARIES (PRIOR TO CLEANING) AND VEGETATIVE BUFFER ZONE.
- 2. NO REFUELING OF MOBILE EQUIPMENT IS ALLOWED WITHIN 100 FEET OF WETLAND OR WITHIN 500 FEET OF THE WETLAND ON BLM LANDS. PLACE "NO FUELING" SIGN POSTS 100 FEET BACK FROM WETLAND BOUNDARY, OR 500 FEET FROM THE WETLAND ON BLM LANDS. REFUEL STATIONARY EQUIPMENT AS PER THE PROJECT'S SPILL PREVENTION PROCEDURES.
- 3. INSTALL TEMPORARY SLOPE BREAKER UPSLOPE WITHIN 100 FEET OF WETLAND BOUNDARY AS DIRECTED BY COMPANY.
- 4. RESTRICT ROOT GRUBBING TO ONLY THE AREA OVER THE DITCHLINE.
- 5. TOPSOIL STRIPPING SHALL NOT BE REQUIRED IN SATURATED SOIL CONDITIONS.
- 6. AVOID ADJACENT WETLANDS. INSTALL SEDIMENT BARRIERS AT EDGE OR R.O.W., IF PRACTICAL.
- 7. LEAVE HARD PLUGS AT THE EDGE OF THE WETLAND UNTIL JUST PRIOR TO PIPE PLACEMENT.
- 8. FLOAT PIPE IN PLACE, LOWER-IN INSTALL TRENCH PLUGS AT WETLAND EDGES WHERE REQUIRED AND BACKFILL IMMEDIATELY.
- 9. REMOVE TIMBER MATS OR PREFABRICATED MATS OF NON-NATIVE MATERIAL FROM WETLANDS UPON COMPLETION.
- 10. RESTORE GRADE TO NEAR PRE-CONSTRUCTION TOPOGRAPHY AND INSTALL PERMANENT EROSION CONTROL.
- 11. TRENCH WIDTH VARIES DUE TO SOIL SLUFFING/SILTING. TRENCH DIMENSIONS ARE ASSUMED BASED ON OSHA TYPE C SOIL SLOPE REQUIREMENTS.
- 12. UPLAND AND NON-SATURATED WETLANDS SHALL MAINTAIN SEGREGATION BETWEEN TOP SOIL AND TRENCH SOIL. SEGREGATION OF SOILS DOES NOT APPLY TO SATURATED WETLANDS.

<div>PRELIMINARY</div>			DRAWN BY: JPD		APPROVED BY: BST		TYPICAL PUSH-PULL CONSTRUCTION R.O.W.			
			DATE: 05/03/2023		JOB NO: 2022.1125					
			DRAWING NAME: 22.1125_C2.DWG				<div>SHELL PIPELINE COMPANY, L.P.</div> <div>PROPOSED 6" BUTANE LATERAL</div> <div>LOCATED IN</div> <div>SEC. 15, 16, 21, & 22</div> <div>T10S-R4E</div> <div>ASCENSION PARISH, LOUISIANA</div>			
SHEET NO: 7 OF 13										
PROJECTION: LA SOUTH GEO. DATUM: HARN VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET										
REVISION DESCRIPTION: --										
REV. NO: 00		REV. DATE: --/--		REV. BY: ---						



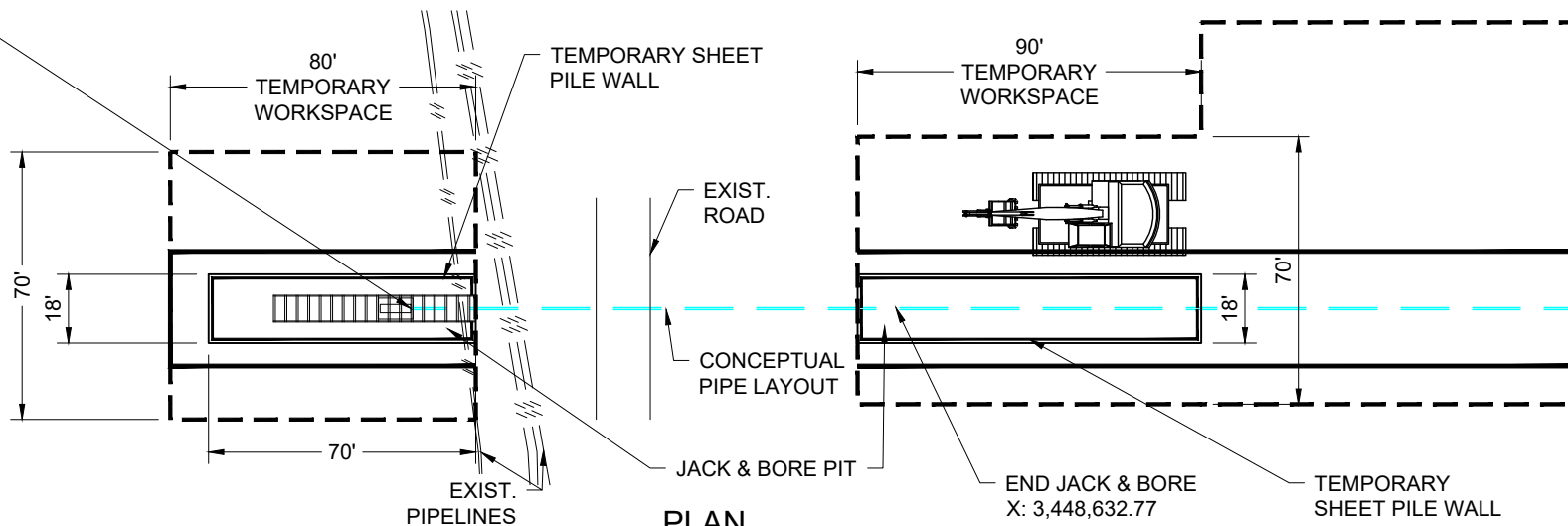
T. BAKER SMITH
A CENTURY OF SOLUTIONS
107 Global Circle, Lafayette, LA 70503
(337)735-2600 - tbsmith.com



PROFILE

SCALE: N.T.S.

BEGIN JACK & BORE
X: 3,448,505.72
Y: 606,865.10
LAT: 30° 10' 03.70"
LONG: 90° 48' 09.80"



PLAN

SCALE: N.T.S.

NOTES:

1. PIPE DEPTHS REFERENCED ON ALIGNMENT SHEETS.
2. FOREIGN PIPELINE LOCATIONS AND DEPTHS TO BE DETERMINED IN ADVANCE OF PIPELINE CONSTRUCTION.
3. TRENCH DIMENSIONS ARE ASSUMED BASED ON OSHA TYPE C SOIL SLOPE REQUIREMENTS.
4. TEMPORARY SHEET PILE PERIMETER IS REQUIRED FOR WATER INTRUSION AND ROAD TRAFFIC.
5. TEMPORARY SHEET PILE WALL IS NOT REQUIRED AT EXISTING PIPELINES.

PRELIMINARY



DRAWN BY: JPD APPROVED BY: BST

DATE: 05/03/2023 JOB NO: 2022.1125

DRAWING NAME: 22.1125_C2.DWG

SHEET NO: 8 OF 13

PROJECTION: LA SOUTH
GEO. DATUM: HARN | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

REVISION DESCRIPTION:

REV. NO: 00 REV. DATE: --/-- REV. BY: --

PIPELINE JACK & BORE

SHELL PIPELINE COMPANY, L.P.

PROPOSED 6" BUTANE LATERAL

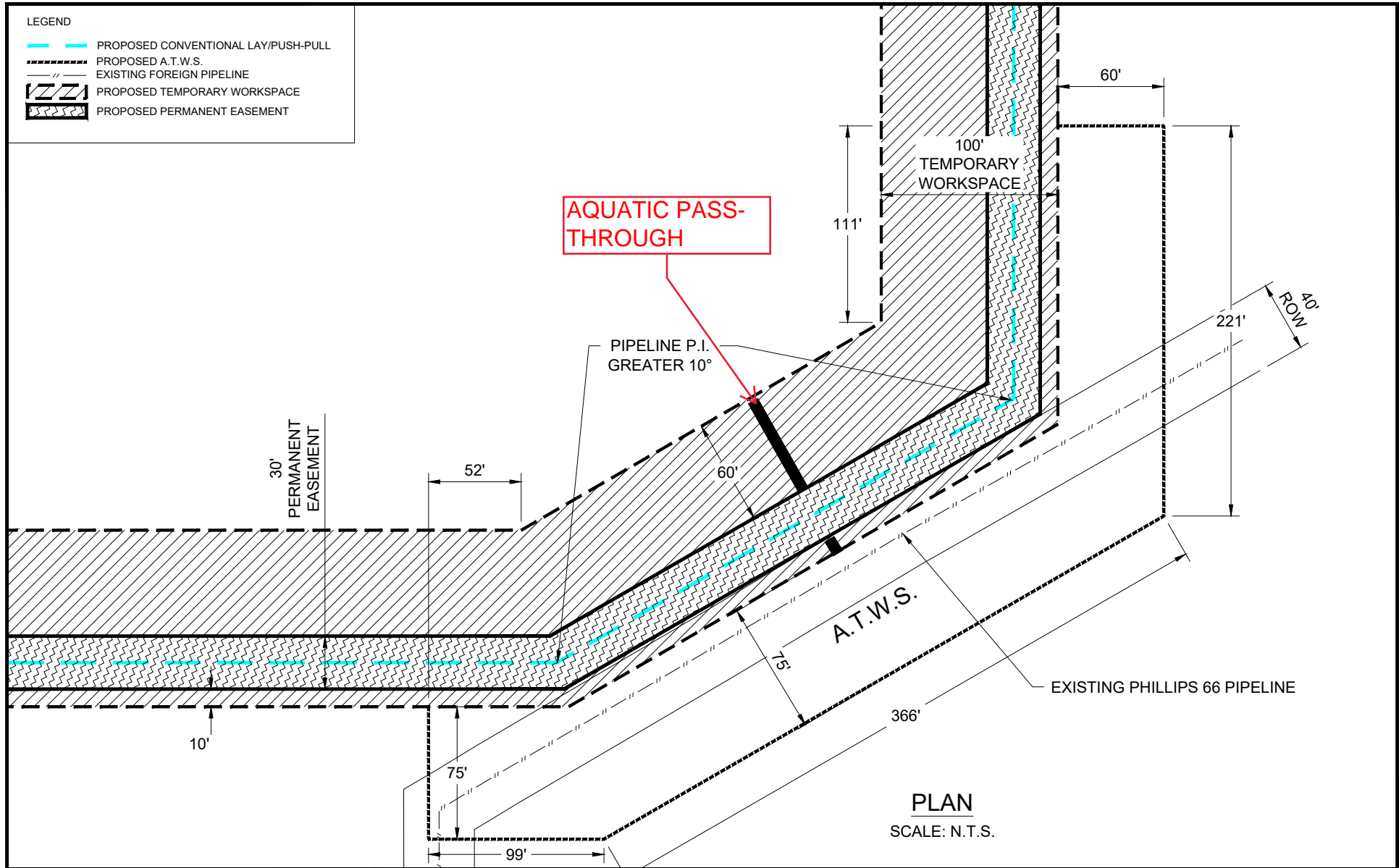
LOCATED IN

SEC. 15, 16, 21, & 22

T10S-R4E

ASCENSION PARISH, LOUISIANA

5/17/2023 - PLY-2022/2022.1125/DWG/ENV/COE/22.1125_C2.DWG



PRELIMINARY



T. BAKER SMITH
A CENTURY OF SOLUTIONS
107 Global Circle, Lafayette, LA 70503
(337) 735-2600 - tbsmith.com

DRAWN BY: JPD APPROVED BY: BST

DATE: 05/03/2023 JOB NO: 2022.1125

DRAWING NAME: 22.1125_C2.DWG

SHEET NO: 9 OF 13

PROJECTION: LA SOUTH
GEO. DATUM: HARN | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

REVISION DESCRIPTION:

PIPELINE POINT OF INFLECTION

SHELL PIPELINE COMPANY, L.P.

PROPOSED 6" BUTANE LATERAL

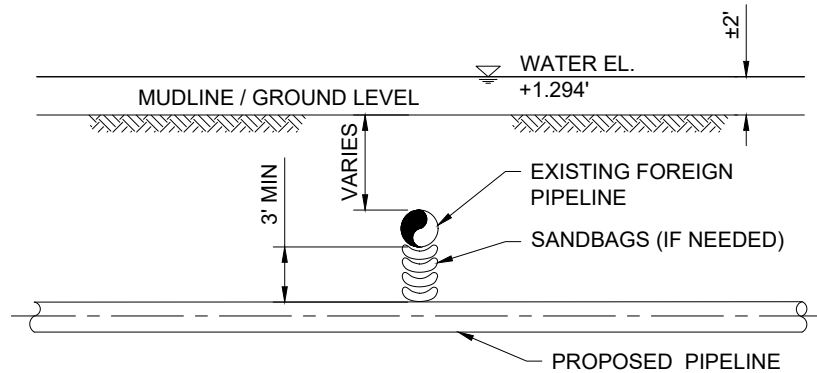
LOCATED IN

SEC. 15, 16, 21, & 22

T10S-R4E

ASCENSION PARISH, LOUISIANA

REV. NO: 00 REV. DATE: --/-- REV. BY: --

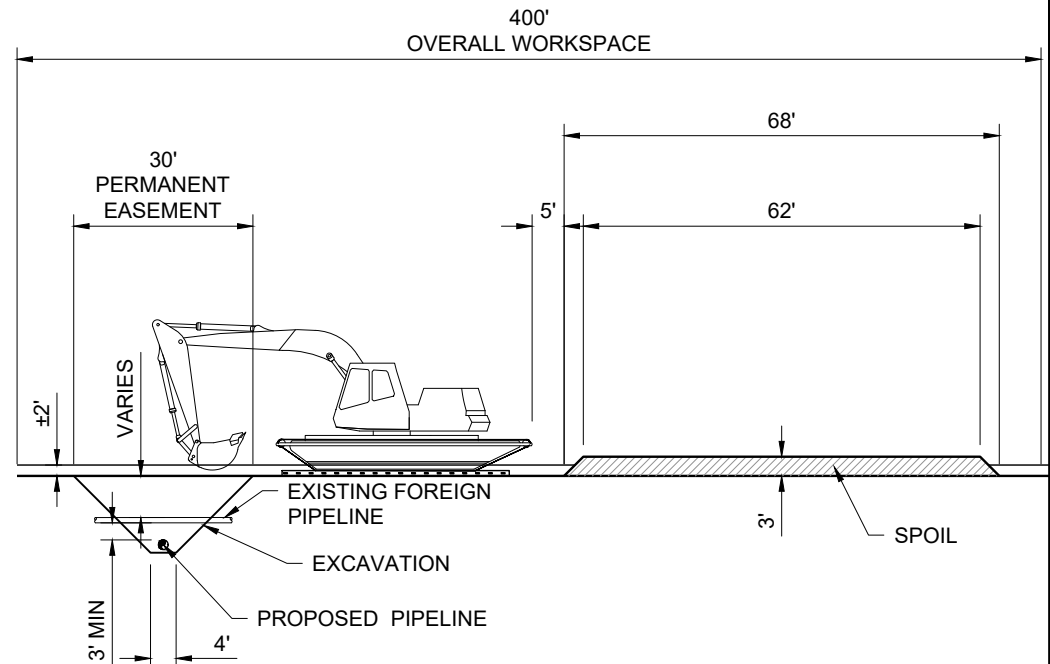


TYPICAL FOREIGN PIPELINE CROSSING DETAIL

SCALE: N.T.S.

NOTES:

1. FOREIGN PIPELINE LOCATIONS AND DEPTHS TO BE DETERMINED BY ELECTRONIC MEANS IN ADVANCE OF PIPELINE CONSTRUCTION AND CONFIRMED BY OWNER APPROVED EXCAVATION METHOD.
2. OWNER OF FOREIGN PIPELINES SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF EXCAVATION OF CROSSING.
3. PROPOSED PIPELINE MAY ONLY CROSS ABOVE THE FOREIGN PIPELINES WHERE REQUESTED BY OR APPROVED BY FOREIGN PIPELINE OWNER IN WRITING.
4. NO VERTICAL OR HORIZONTAL BENDS WILL BE USED WITHIN FOREIGN PIPELINE R.O.W.
5. PRIOR TO EXCAVATION, STATES "ONE CALL" SYSTEM WILL BE UTILIZED.



TYPICAL FOREIGN PIPELINE CROSSING PROFILE

SCALE: N.T.S.

PRELIMINARY



DRAWN BY:	JPD	APPROVED BY:	BST
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DATE:	05/03/2023	JOB NO:	2022.1125
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DRAWING NAME: 22.1125_C2.DWG

SHEET NO: 10 OF 13

PROJECTION: LA SOUTH
GEO. DATUM: HARN | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

REVISION DESCRIPTION:

111

FOREIGN PIPELINE CROSSING

SHELL PIPELINE COMPANY, L.P.

PROPOSED 6" BUTANE LATERAL

LOCATED IN

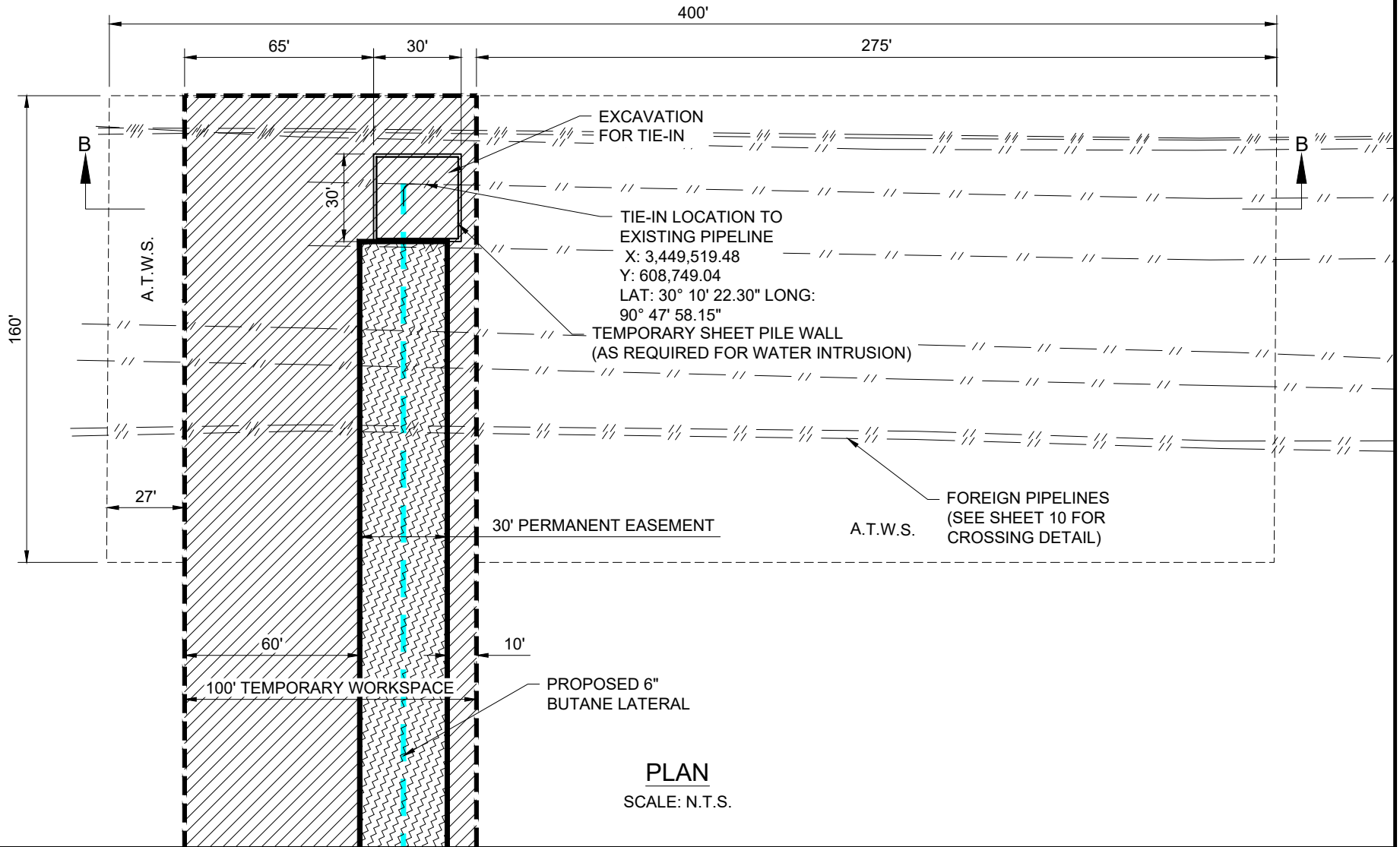
SEC. 15, 16, 21, & 22

T10S-R4E

ASCENSION PARISH, LOUISIANA

REV. NO:	00	REV. DATE:	--/--/--	REV. BY:	---
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5/17/2023 - PLY-2022/2022.1125/DWG/ENV/COE/22.1125_C2.DWG



PLAN
SCALE: N.T.S.

PRELIMINARY



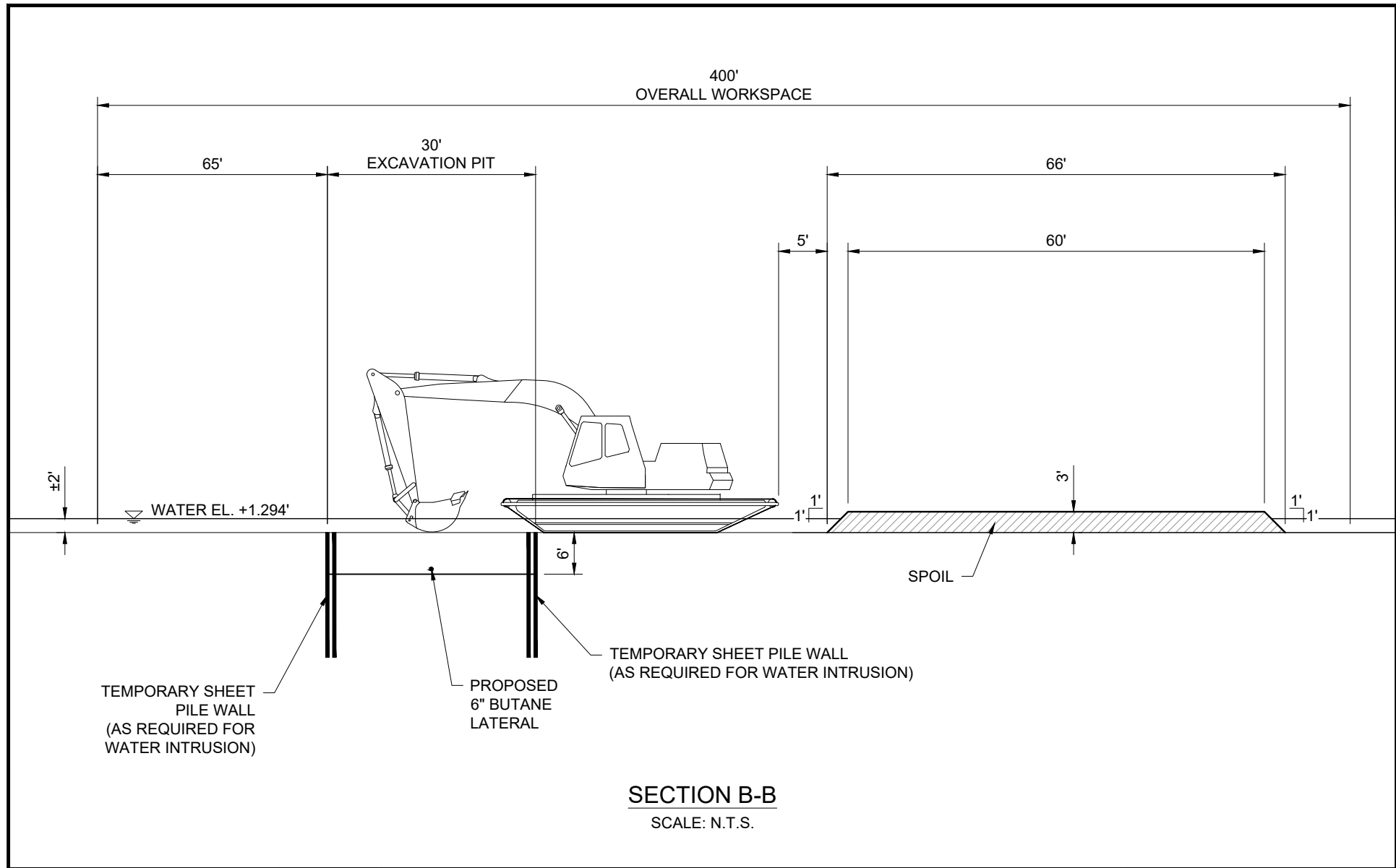
DRAWN BY:	JPD	APPROVED BY:	BST
DATE:	05/03/2023	JOB NO:	2022.1125
DRAWING NAME:	22.1125_C2.DWG		
SHEET NO:	11	OF	13
PROJECTION: LA SOUTH GEO. DATUM: HARN VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			
REVISION DESCRIPTION: --			

HOT INDUCTION BEND TIE-IN & FOREIGN PIPELINE CROSSING

SHELL PIPELINE COMPANY, L.P.
PROPOSED 6" BUTANE LATERAL
LOCATED IN
SEC. 15, 16, 21, & 22
T10S-R4E
ASCENSION PARISH, LOUISIANA

REV. NO:	00	REV. DATE:	--/--	REV. BY:	---
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5/17/2023 - PLY-2022/2022.1125/DWG/ENV/COE/22.1125_C2.DWG



<div>PRELIMINARY</div>			DRAWN BY: JPD		APPROVED BY: BST		<div>HOT INDUCTION BEND TIE-IN</div>			
			DATE: 05/03/2023		JOB NO: 2022.1125					
			DRAWING NAME: 22.1125_C2.DWG				<div>SHELL PIPELINE COMPANY, L.P.</div> <div>PROPOSED 6" BUTANE LATERAL</div> <div>LOCATED IN</div> <div>SEC. 15, 16, 21, & 22</div> <div>T10S-R4E</div> <div>ASCENSION PARISH, LOUISIANA</div>			
SHEET NO: 12		OF 13								
PROJECTION: LA SOUTH										
GEO. DATUM: HARN VERT. DATUM: NAVD88										
GRID UNITS: US SURVEY FEET										
REV. NO: 00		REV. DATE: --/--		REV. BY: ---		REVISION DESCRIPTION: --				

CALCULATIONS:

±2.3 ACRES OF CYPRESS SWAMP WETLANDS TO BE TEMPORARILY IMPACTED.
±0.7 ACRES OF BOTTOMLAND HARDWOODS WETLANDS TO BE TEMPORARILY IMPACTED.
±1.6 ACRES OF FRESH MARSH WETLANDS TO BE TEMPORARILY IMPACTED.
±0.1 ACRES OF SCRUB-SHRUB WETLANDS TO BE TEMPORARILY IMPACTED.
±0.1 ACRES OF WET PASTURE WETLANDS TO BE TEMPORARILY IMPACTED.
±3.3 ACRES OF NON-VEGETATED WATER BOTTOMS TO BE TEMPORARILY IMPACTED.

±24,300 CUBIC YARDS OF MATERIAL TO BE TEMPORARILY EXCAVATED AND RESTORED FOLLOWING COMPLETION.

NOTES:

1. ALL STRUCTURES, FACILITIES, WELLS AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS, OR IN OILFIELD CANALS, OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE COASTAL MANAGEMENT DIVISION. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED FOR SUCH ACTIVITIES.
2. AS-BUILT DRAWINGS SHALL BE SUBMITTED WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, COASTAL MANAGEMENT DIVISION AND OFFICE OF CONSERVATION, PIPELINE SAFETY DIVISION, POST OFFICE BOX 44487, BATON ROUGE, LA 70804-4487.
3. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITEE SHALL CONTACT THE LOUISIANA ONE CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.
4. THE PERMITEE SHALL ALSO CONTACT OTHER GOVERNMENTAL ENTITIES THAT MAY HAVE OPTED OUT OF THE ONE CALL PROGRAM. THESE GOVERNMENTAL ENTITIES MAY HAVE OPERATIONS LOCATED IN THE AREA OF THIS PROJECT.
5. ALL STRUCTURES WILL BE MARKED AND LIGHTED IN ACCORDANCE WITH U.S. COAST GUARD REGULATIONS.
6. A 50-FOOT GAP SHALL BE INSERTED EVERY 500 LINEAR FEET OF SIDECAST MATERIAL.
7. ALL FORESTED VEGETATION CLEARED DURING CONSTRUCTION ACTIVITIES BE HAULED TO A NON-WETLAND DISPOSAL LOCATION, OR CHIPPED AND SPREAD ON SITE IN A MANNER THAT IS BENEFICIAL TO THE SURROUNDING ENVIRONMENT (I.E., PLACED IN THIN LAYERS NOT TO EXCEED 6 INCHES).


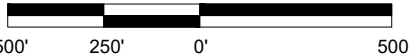
EQUIPMENT

DESCRIPTION	SIZE	WEIGHT
- MARSH BUGGY	35'X16'X13'	30,000LBS
- MATERIAL MARSH BUGGY	23'X12'X11'	16,000LBS
- SKID PONTOON	31'X10'X3'	7,000LBS
- AIR BOATS	19'X8'	1,200LBS
- FLEXI-FLOAT BARGE	30'X7.5'X3.8'	14,500LBS
- EXCAVATOR	11'X8'X8'	22,000LBS
- JACK & BORE MACHINE	11'X3'X5'	6,000LBS
- WELDING MACHINE		
- NITROGEN TRUCK		
- WATER TRUCK		

TOTAL IMPACTS

EXCAVATION	
- NON-VEGETATED WATER BOTTOMS:	10,850 CU. YDS. 0.81 ACRES
- WETLANDS:	13,450 CU. YDS. 1.00 ACRES
SPOIL PLACEMENT	
- NON-VEGETATED WATER BOTTOMS:	10,850 CU. YDS. 1.45 ACRES
- WETLANDS:	13,450 CU. YDS. 4.18 ACRES
FILL MATERIALS	
- NATIVE MATERIAL:	24,300 CU. YDS.
- TREE CHIPPING:	565 CU. YDS. 0.7 ACRES

PRELIMINARY

DRAWN BY: JPD		APPROVED BY: BST		TYPICALS, NOTES, AND CALCULATIONS SHELL PIPELINE COMPANY, LP PROPOSED 6" BUTANE LATERAL LOCATED IN SEC. 15, 16, 21, & 22 T10S-R4E ASCENSION PARISH, LOUISIANA	
DATE: 05/03/2023		JOB NO: 2022.1125			
DRAWING NAME: 22.1125_C2.DWG					
SHEET NO: 13 OF 13					
PROJECTION: LA SOUTH GEO. DATUM: HARN VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET					
SCALE: 1" = 500'					
				T. BAKER SMITH A CENTURY OF SOLUTIONS 107 Global Circle, Lafayette, LA 70503 (337)735-2800 - tbsmith.com	
REV. NO: 00		REV. DATE: --/--		REV. BY: ---	
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