

WALLACE C. DRENNAN, INC.

GENERAL CONTRACTORS

P.O. BOX 15438

NEW ORLEANS, LA. 70175-5438

Est. 1953



LOUISIANA CONTRACTOR'S LICENSE NO. 1033

SEALED BID TO:

St. Charles Parish
15045 River Road, Courthouse Building
Hahnville, LA 70057

BID FOR:

Upgrade to Ashton Pump Station & Force Main
St. Charles Project No. S100902
EES Project No. 1023

SECTION 00300
LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: St. Charles Parish
15045 River Road, Courthouse Building
Hahnville, LA 70057

(Owner to provide name and address of owner)

BID FOR: Upgrade to Ashton Pump Station & Force Main
St. Charles Project No. S100902
EES Project No. 1023

(Owner to provide name of project and other identifying information)

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: Environmental Engineering Services, Inc. and dated: July 2012.

(Owner to provide name of entity preparing bidding documents.)

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA**: (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) #1, 9/4/12; #2, 9/7/12

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:

One million, three hundred eighty-five thousand, five Dollars (\$1,385,500.00
hundred Dollars and No Cents)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

Alternate No. 1 (Owner to provide description of alternate and state whether add or deduct) for the sum of:

N/A Dollars (\$ N/A)

Alternate No. 2 (Owner to provide description of alternate and state whether add or deduct) for the sum of:

N/A Dollars (\$ N/A)

Alternate No. 3 (Owner to provide description of alternate and state whether add or deduct) for the sum of:

N/A Dollars (\$ N/A)

NAME OF BIDDER: Wallace C. Drennan, Inc.

ADDRESS OF BIDDER: Post Office Box 15438
New Orleans, LA 70175-5438

LOUISIANA CONTRACTOR'S LICENSE NUMBER: 1033

NAME OF AUTHORIZED SIGNATORY OF BIDDER: Wallace C. Drennan, III

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: President

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **: Wallace C. Drennan

DATE: September 20, 2012

* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

** If someone other than a corporate officer signs for the Bidder/Contractor, a copy of a corporate resolution or other signature authorization shall be required for submission of bid. Failure to include a copy of the appropriate signature authorization, if required, may result in the rejection of the bid unless bidder has complied with La. R.S. 38:2212(A)(1)(c) or RS 38:2212(O).

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA RS 38:2218.A is attached to and made a part of this bid.

00300_rev8 Mar 12, 2012

00300-1

LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM

TO: St. Charles Parish
15045 River Road, Courthouse Building
Hahnville, LA 70057

(Owner to provide name and address of owner)

BID FOR: Upgrade to Ashton Pump Station & Force Main
St. Charles Project No. S100902
EES Project No. 1023

(Owner to provide name of project and other identifying information)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u>12" PVC DR25 (Open Cut) or 14" HDPE DIPS DR11 (Open Cut or Directional Drill) Pipe</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1 (A)	1,500	Linear Feet	\$ 66.00	\$ 99,000.00

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u>14" HDPE DIPS DR11 (Directional Drill) Pipe</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1 (B)	1,400	Linear Feet	\$ 90.00	\$ 126,000.00

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u>14" PVC DR25 (Open Cut) or 16" HDPE DIPS DR11 (Open Cut or Directional Drill) Pipe</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1 (C)	4,500	Linear Feet	\$ 77.00	\$ 346,500.00

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u>16" HDPE DIPS DR11 (Directional Drill) Pipe</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1 (D)	1,000	Linear Feet	\$ 130.00	\$ 130,000.00

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u>16" HDPE DIPS DR9 (Directional Drill) Pipe</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1 (E)	2,150	Linear Feet	\$ 160.00	\$ 344,000.00

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u>14" Plug Valve</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
4	1	Each	\$ 3,500.00	\$ 3,500.00

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u>Air Release Valve and Manhole</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
✓ 75	9	Each	\$ 5,000.00	\$ 45,000.00

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u>Connection to Existing 18" Sewer Main (Tie-In)</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
8	1	Each	\$ 25,000.00	\$ 25,000.00

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u>Ductile Iron Fittings</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
12	2	Ton	\$ 5,000.00	\$ 10,000.00

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u> </u> Sewer Flow Control & By-pass Pumping			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
17	1	Lump Sum	\$ 10,000.00	\$ 10,000.00
DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u> </u> Remove & Replace Concrete Pavement and Base			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
23 20	90	Square Yard	\$ 100.00	\$ 9,000.00

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u> </u> Remove & Replace Surface with Limestone			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
26	25	Cubic Yard	\$ 100.00	\$ 2,500.00

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u> </u> Ashton Pump Station Complete			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
32	1	Lump Sum	\$ 200,000.00	\$ 200,000.00

DESCRIPTION:	X Base Bid or <input type="checkbox"/> Alt.# <u> </u> Relocation of Infrastructure			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
44	1	Lump Sum	35,000	35,000

Wording for "DESCRIPTION" is to be provided by the Owner.

All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner.

1. Definitions:

For the purposes of the Louisiana Uniform Public Works Bid Form the following terms shall have the stated meanings.

"Alternate" A specified item of construction that is set apart by a separate sum. An alternate may or may not be incorporated into the contract sum at the discretion of the owner at the time of contract award.

"Base Bid" The mount of money stated in the bid as the sum for which the bidder offers to perform the work described in the bidding documents, prior to the adjustments for alternate bids but including any unit prices.

"Bid" A complete signed proposal to perform work or a designated portion for a stipulated sum. A bid is submitted in accordance with the bidding documents, is evaluated on price alone and is not subject to qualification.

"Bidder:" An entity or person who submits a bid for a prime contract with the owner. A bidder is not a contractor on a specific project until a contract is signed between the bidder and the owner.

"Bid Form" A form provided to the bidder on which to submit his bid.

"Bid Security" A bid bond or deposit submitted with a bid to guarantee to the owner that the bidder, if awarded the contract, will execute the contract within a specified period of time and will furnish any bonds or other requirements of the bidding documents.

"Bidding Documents:" Documents usually including advertisement, bid notice or invitation to bidders, instructions to bidders, bid form, form of contract, forms of bonds, conditions of contract, drawings, specifications addenda, special provisions, and all other written instruments prepared by or on behalf of a public entity for use by prospective bidders on a public contract.

"Owner" The public entity issuing the bid.

"Public entity" means and includes the state of Louisiana, or any agency, board, commission, department, or public corporation of the state, created by the constitution or statute or pursuant thereto, or any political subdivision of the state, including but not limited to any political subdivision as defined in Article VI Section 44 of the Constitution of Louisiana, and any public housing authority, public school board, or any public officer whether or not an officer of a public corporation or political subdivision. "Public entity" shall not include a public body or officer where the particular transaction of the public body or officer is governed by the provisions of the model procurement code.

"Public work" Means the erection, construction, alteration, improvement, or repair of any public facility or immovable property owned, used, or leased by a public entity.

"Unit Price" The amount stated in a project bid representing the price per unit of materials and/or services.

2. Unit Price Form:

The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

3. Alternates:

Provide space for, give descriptive title to and arrange for alternates in the order of priority. A maximum of (3) three alternates are allowed by State law.

4. Bid Security:

If bid security is provided in a form other than a bid bond, the bid bond form may be eliminated.

5. The undersigned Bidder proposes and agrees, if this Bid is accepted to enter into an Agreement with Owner in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Bid Form and the Agreement, and in accordance with the other terms and conditions of the Contract Documents.

6. Bidder accepts all of the terms and conditions of the Bidding Documents, including without limitation those dealing with the disposition of Bid Security.

7. In submitting this Bid, Bidder makes all representations required by the Instructions to Bidders and further warrants and represents that:

- a. Bidder has examined copies of all the Bidding Documents, the Advertisement for Bids, the Instructions to Bidders.
- b. Bidder has familiarized itself with the nature and extent of the Contract Documents, Work, site, locality, and all local conditions, Laws, and Regulations that in any manner may affect cost, progress, performance, or furnishing of the Work.
- c. Bidder has studied carefully all reports and drawings of subsurface conditions and drawings of physical conditions which are identified in the Information to Bidders and as provided in Paragraph 4.2 of the General Conditions and accepts the determination set forth in Paragraph SC-4.2 of the Supplementary Conditions of the

extent of the technical data contained in such reports and drawings upon which Bidder is entitled to rely.

- d. Bidder has obtained and carefully studied (or assumes responsibility for obtaining and carefully studying) all such examinations, investigations, explorations, tests, and studies (in addition to or to supplement those referred to in (c) (above) which pertain to the subsurface or physical conditions at the site or which otherwise may affect the cost, progress, performance or furnishing of the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents, including specifically the provisions of Paragraph 4.2 of the General Conditions; and Bidders assumes responsibility for obtaining at no additional cost to Owner such additional examinations, investigations, explorations, tests, reports, or similar information or data as may be required by Bidder for such purposes.
 - e. Bidder has reviewed and checked all information and data shown or indicated in the Contract Documents with respect to existing Underground Facilities at or contiguous to the site and assumes responsibility for the accurate location of said Underground Facilities. Bidder assumes responsibility for obtaining at no additional cost to Owner such additional examinations, investigations, explorations, tests, reports, or similar information or data in respect of said Underground Facilities as may be required by Bidder in order to perform and furnish the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents, including specifically the provisions of Paragraph 4.3 of the General Conditions.
 - f. Bidder has correlated the results of all such observations, examinations, investigations, explorations, tests, reports, and studies with the terms and conditions of the Contract Documents.
 - g. Bidder has given Engineer written notice of all conflicts errors, or discrepancies that it has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
 - h. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm or a corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for himself any advantage over any other Bidder or over Owner.
8. The Bidder agrees that the Work shall be substantially completed within the prescribed number of calendar days as stipulated in Paragraph 3.1 of the Agreement, and in accordance with Paragraph 14.8 of the General Conditions. Contract Time commences to run as provided in Paragraph 2.3 of the General Conditions, and the Work shall be completed and ready for final payment in accordance with Paragraph 14.13 of the General Conditions and Section 00500, Agreement.

9. The following documents are attached to and made a condition of this Bid:
- (a) Bid Bond (Section 00410); or cashiers check or certified check
 - (b) Power of Attorney (For Surety Bond only)
 - (c) Corporate Resolution (if by a corporation or joint venture of corporations) (Section 00485).
10. The following documents **will be required within 10 days of bid opening** and in accordance with the Bid Documents. Failure to provide these documents may constitute a non-responsive bid and therefore be rejected.
- (a) Questionnaire (Section 00430)
 - (b) Schedule of Suppliers (Section 00450).
 - (c) Noncollusive and Nonsolicitation Affidavit (Section 00480)
 - (d) Attestation Clause(Section 00470)
 - (e) Employment Verification Affidavit (Section 00475). Affidavit is required both for bidder and all sub contractors.

11. Communications with the Bidder concerning this Bid shall be addressed to:

Name of Bidder: Wallace C. Drennan, Inc.

Contact Name: Wallace C. Drennan, III

Address of Bidder: Post Office Box 15438
New Orleans, LA 70175-5438

Contact Number: (504) 828-8000

Contact Fax Number: (504) 836-2939

12. The terms used in this Bid which are defined in the General Conditions of the Construction Contract included as part of the Contract Documents have the meaning assigned to them in the General Conditions.

END OF SECTION

SECTION 00410

BID BOND
FOR

Upgrade to Ashton Pump Station & Force Main

Date: September 20, 2012

KNOW ALL MEN BY THESE PRESENTS:

That WALLACE C. DRENNAN, INC. of P.O. Box 15438, New Orleans, LA 70175, as Principal, and THE HANOVER INSURANCE COMPANY, as Surety, are held and firmly bound unto the St. Charles Parish (Obligee), in the full and just sum of five (5%) percent of the total amount of this bid, including all alternates, lawful money of the United States, for payment of which sum, well and truly be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally firmly by these presents.

Surety represents that it is listed on the current U. S. Department of the Treasury Financial Management Service list of approved bonding companies as approved for an amount equal to or greater than the amount for which it obligates itself in this instrument or that it is a Louisiana domiciled insurance company with at least an A - rating in the latest printing of the A. M. Best's Key Rating Guide. If surety qualifies by virtue of its Best's listing, the Bond amount may not exceed ten percent of policyholders' surplus as shown in the latest A. M. Best's Key Rating Guide.

Surety further represents that it is licensed to do business in the State of Louisiana and that this Bond is signed by surety's agent or attorney-in-fact. This Bid Bond is accompanied by appropriate power of attorney.

THE CONDITION OF THIS OBLIGATION IS SUCH that, whereas said Principal is herewith submitting its proposal to the Obligee on a Contract for:

Upgrade to Ashton Pump Station & Force Main

NOW, THEREFORE, if the said Contract be awarded to the Principal and the Principal shall, within such time as may be specified, enter into the Contract in writing and give a good and sufficient bond to secure the performance of the terms and conditions of the Contract with surety acceptable to the Obligee, then this obligation shall be void; otherwise this obligation shall become due and payable.

WALLACE C. DRENNAN, INC.
PRINCIPAL (BIDDER)

THE HANOVER INSURANCE COMPANY
440 Lincoln Street, Worcester, MA 01653
SURETY

BY: Wallace C. Drennan, III
AUTHORIZED OFFICER-OWNER-PARTNER
Wallace C. Drennan, III
President

BY: Pamela K. Tucker
AGENT OR ATTORNEY-IN-FACT (SEAL)
Pamela K. Tucker, Attorney-in-Fact

END OF SECTION

00410_rev2

00410-1 Countersigned:
Louisiana Resident Agent:

By: Pamela K. Tucker
Pamela K. Tucker, Metairie, LA

**THE HANOVER INSURANCE COMPANY
MASSACHUSETTS BAY INSURANCE COMPANY
CITIZENS INSURANCE COMPANY OF AMERICA**

**POWERS OF ATTORNEY
CERTIFIED COPY**

KNOW ALL MEN BY THESE PRESENTS: That THE HANOVER INSURANCE COMPANY and MASSACHUSETTS BAY INSURANCE COMPANY, both being corporations organized and existing under the laws of the State of New Hampshire, and CITIZENS INSURANCE COMPANY OF AMERICA, a corporation organized and existing under the laws of the State of Michigan, do hereby constitute and appoint

Stephen L. Cory, Pamela K. Tucker, Jill K. Tucker and/or Melanie Stern

of **Metairie, LA** and each is a true and lawful Attorney(s)-in-fact to sign, execute, seal, acknowledge and deliver for, and on its behalf, and as its act and deed any place within the United States, or, if the following line be filled in, only within the area therein designated any and all bonds, recognizances, undertakings, contracts of indemnity or other writings obligatory in the nature thereof, as follows:

Any such obligations in the United States, not to exceed Forty Million and No/100 (\$40,000,000) in any single instance

and said companies hereby ratify and confirm all and whatsoever said Attorney(s)-in-fact may lawfully do in the premises by virtue of these presents. These appointments are made under and by authority of the following Resolution passed by the Board of Directors of said Companies which resolutions are still in effect:

"RESOLVED, That the President or any Vice President, in conjunction with any Vice President, be and they are hereby authorized and empowered to appoint Attorneys-in-fact of the Company, in its name and as its acts, to execute and acknowledge for and on its behalf as Surety any and all bonds, recognizances, contracts of indemnity, waivers of citation and all other writings obligatory in the nature thereof, with power to attach thereto the seal of the Company. Any such writings so executed by such Attorneys-in-fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company in their own proper persons." (Adopted October 7, 1981 - The Hanover Insurance Company; Adopted April 14, 1982 - Massachusetts Bay Insurance Company; Adopted September 7, 2001 - Citizens Insurance Company of America)

IN WITNESS WHEREOF, THE HANOVER INSURANCE COMPANY, MASSACHUSETTS BAY INSURANCE COMPANY and CITIZENS INSURANCE COMPANY OF AMERICA have caused these presents to be sealed with their respective corporate seals, duly attested by two Vice Presidents, this 4th day of **November 2011**.



**THE HANOVER INSURANCE COMPANY
MASSACHUSETTS BAY INSURANCE COMPANY
CITIZENS INSURANCE COMPANY OF AMERICA**

Robert Thomas
Robert Thomas, Vice President

Mary Fitzgerald
Mary Fitzgerald, Vice President

THE COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF WORCESTER) ss.

On this 4th day of **November 2011** before me came the above named Vice Presidents of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America, to me personally known to be the individuals and officers described herein, and acknowledged that the seals affixed to the preceding instrument are the corporate seals of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America, respectively, and that the said corporate seals and their signatures as officers were duly affixed and subscribed to said instrument by the authority and direction of said Corporations.



BARBARA A. GARLICK
Notary Public
Commonwealth of Massachusetts
My Commission Expires Sept. 21, 2018

Barbara A. Garlick

Barbara A. Garlick, Notary Public
My Commission Expires September 21, 2018

I, the undersigned Vice President of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America, hereby certify that the above and foregoing is a full, true and correct copy of the Original Power of Attorney issued by said Companies, and do hereby further certify that the said Powers of Attorney are still in force and effect.

This Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America.

"RESOLVED, That any and all Powers of Attorney and Certified Copies of such Powers of Attorney and certification in respect thereto, granted and executed by the President or any Vice President in conjunction with any Vice President of the Company, shall be binding on the Company to the same extent as if all signatures therein were manually affixed, even though one or more of any such signatures thereon may be facsimile." (Adopted October 7, 1981 - The Hanover Insurance Company; Adopted April 14, 1982 - Massachusetts Bay Insurance Company; Adopted September 7, 2001 - Citizens Insurance Company of America)

GIVEN under my hand and the seals of said Companies, at Worcester, Massachusetts, this 20th day of September, 2012.

**THE HANOVER INSURANCE COMPANY
MASSACHUSETTS BAY INSURANCE COMPANY
CITIZENS INSURANCE COMPANY OF AMERICA**

Glenn Margosian
Glenn Margosian, Vice President

Upgrade to Ashton Pump Station & Force Main

NAME OF PROJECT

St. Charles Project No. S100902

EES Project No. 1023

PROJECT NUMBER

**ATTESTATION CLAUSE REQUIRED BY
LA. R.S. 38:2227 (PAST CRIMINAL CONVICTIONS OF BIDDERS)**

Appearer, as a Bidder on the above-entitled Public Works Project, does hereby attest that:

- A. No sole proprietor or individual partner, incorporator, director, manager, officer, organizer, or member who has a minimum of a ten percent (10%) ownership in the bidding entity named below has been convicted of, or has entered a plea of guilty or nolo contendere to any of the following state crimes or equivalent federal crimes:

(a) Public bribery (R.S. 14:118)

(c) Extortion (R.S. 14:66)

(b) Corrupt influencing (R.S. 14:120)

(d) Money laundering (R.S. 14:23)

- B. Within the past five years from the project bid date, no sole proprietor or individual partner, incorporator, director, manager, officer, organizer, or member who has a minimum of a ten percent (10%) ownership in the bidding entity named below has been convicted of, or has entered a plea of guilty or nolo contendere to any of the following state crimes or equivalent federal crimes, during the solicitation or execution of a contract or bid awarded pursuant to the provisions of Chapter 10 of Title 38 of the Louisiana Revised Statutes:

(a) Theft (R.S. 14:67)

(f) Bank fraud (R.S. 14:71.1)

(b) Identity Theft (R.S. 14:67.16)

(g) Forgery (R.S. 14:72)

(c) Theft of a business record
(R.S.14:67.20)

(h) Contractors; misapplication of
payments (R.S. 14:202)

(d) False accounting (R.S. 14:70)

(i) Malfeasance in office (R.S. 14:134)

(e) Issuing worthless checks
(R.S. 14:71)

Wallace C. Drennan, Inc.

NAME OF BIDDER

Wallace C. Drennan, III

NAME OF AUTHORIZED SIGNATORY OF BIDDER

September 20, 2012

DATE

President

TITLE OF AUTHORIZED SIGNATORY OF BIDDER



**SIGNATURE OF AUTHORIZED
SIGNATORY OF BIDDER**

SECTION 00485

AUTHORITY TO EXECUTE CONTRACT

CORPORATE RESOLUTION

A meeting of the Board of Directors of Wallace C. Drennan, Inc. a corporation organized under the laws of the State of Louisiana and domiciled in Westwego was held this 12th day of October, 2006 and was attended by a quorum of the members of the Board of Directors.

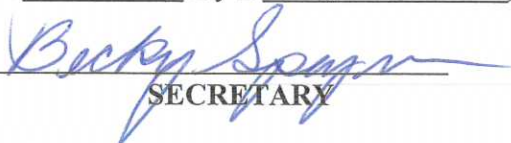
The following resolution was offered, duly seconded and after discussion was unanimously adopted by said quorum:

BE IT RESOLVED, that Wallace C. Drennan, III is hereby authorized to submit proposals and execute agreements on behalf of this corporation with the Parish of St Charles.

BE IT FURTHER RESOLVED, that said authorization and appointment shall remain in full force and effect, unless revoked by resolution of this Board of Directors and that said revocation will not take effect until the Purchasing Director of the Parish of St. Charles, shall have been furnished a copy of said resolution, duly certified.

I, Becky Speyrer, hereby certify that I am the Secretary of Wallace C. Drennan, a corporation created under the laws of the State of Louisiana domiciled in Westwego, LA; that the foregoing is a true and exact copy of a resolution adopted by a quorum of the Board of Directors of said corporation at a meeting legally called and held on the 12th day of October, 2006, as said resolution appears of record in the Official Minutes of the Board of Directors in my possession.

This 20th day of September, 2012.


SECRETARY

END OF SECTION

CERTIFIED COPY OF
EXCERPT OF MINUTES OF A SPECIAL MEETING
OF THE BOARD OF DIRECTORS OF
WALLACE C. DRENNAN, INC.

Held on October 12, 2006
1500 Nine Mile Point Road
Westwego, LA

I, Becky Speyrer, Assistant Secretary of Wallace C. Drennan, Inc., do hereby certify the following to be a true and correct excerpt of the minutes of the meeting of the Directors of the Corporation held on October 12, 2006; and that the following RESOLUTIONS passed at that meeting are still in full force and effect:

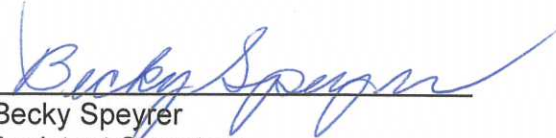
* * *

"...it was further RESOLVED that the President, Wallace C. Drennan, III, be authorized to act for Wallace C. Drennan, Inc., in all phases of the operations of its business, to sign all contracts, bid applications and bids, to manage the business of the corporation, to make loans, execute banking resolutions, sign checks, deposit and withdraw funds, execute payment and performance bonds, make purchase of vehicles, equipment, materials and supplies for the corporation; to sell vehicles, equipment materials and supplies of the corporation; or lease or purchase movable or immovable property and improvements on behalf of the corporation; to hire and fire employees; to manage and oversee construction jobs; to estimate and submit bids; to procure advertising packets, bid packages and other documents necessary to formulate bids for construction work; to manage and oversee the maintenance, scheduling and uses of equipment within the corporation; to direct, manage and supervise labor and construction work; generally, without limitation, to sign all documents and perform all acts necessary for the conducting of the operation and business of Wallace C. Drennan, Inc., as its President; and also the President should have general and specific powers on behalf of the corporation to carry out and work with the Assistant Secretary of the corporation in carrying out the banking business of the corporation; to deposit and withdraw funds; to make loans, to sign checks in accordance with the banking resolution contained hereinbelow; to execute mortgages or chattel mortgages, or documents pursuant to the Uniform Commercial Code as necessary to purchase equipment,

materials or property; to execute all necessary banking documents, banking resolutions, loan documents, drafts, continuing guaranties, or other banking documents; and generally to perform any act and execute any document necessary to carry out the banking and financial business of Wallace C. Drennan, Inc., in cooperation with the duties and responsibilities of the Assistant Secretary of the corporation."

* * *


Westwego, Louisiana


Becky Speyer
Assistant Secretary
Wallace C. Drennan, Inc.
1500 Nine Mile point Road
Westwego, LA 70094
State of Louisiana

CERTIFICATE

I, the undersigned President of Wallace C. Drennan, Inc., do certify that the above and foregoing resolution was unanimously adopted at a meeting of the Board of Directors of the Said Corporation held on October 12, 2006, and that the same is in full force and effect this date.

IN TESTIMONY WHEREOF, I have hereunto set my hand and the seal of said corporation this 20th day of September, 2012.


Wallace C. Drennan, III
President
Wallace C. Drennan, Inc.
1500 Nine Mile point Road
Westwego, LA 70094
State of Louisiana

**Employment Status Verification
AFFIDAVIT**

STATE OF LOUISIANA PARISH/COUNTY OF ORLEANS BEFORE _____

ME, the undersigned authority, personally came and appeared, Wallace C. Drennan, III (Affiant)
who after being duly sworn, deposed and said that he/she is the fully authorized President
of Wallace C. Drennan, Inc. (Entity), the party who submitted a Contract No. S100902 to St.
Charles Parish.

(Choose One)

XXX Affiant further said

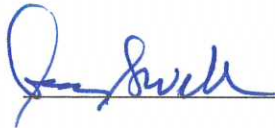
- (1) Affiant is registered and participates in a status verification system to verify that all employees in the State of Louisiana are legal citizens of the United States or are legal aliens.
- (2) Affiant shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the State of Louisiana.
- (3) Affiant shall require all subcontractors to submit to the Affiant a sworn affidavit verifying compliance with statements (1) and (2).

_____ Affiant further said that neither Affiant nor subcontractor of Affiant has employees in the State of Louisiana.

Signature of Affiant



SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 10 DAY OF September, 20 12





OFFICIAL SEAL
STERLING SCOTT WILLIS
BAR ROLL # 02189
STATE OF LOUISIANA
PARISH OF ORLEANS
My Commission is for Life

SECTION 00480

NON-COLLUSIVE AND NON-SOLICITATION AFFIDAVIT

STATE OF LOUISIANA

PARISH OF ST. CHARLES

Wallace C. Drennan, III, being first duly
(Name of Authorized Representative of Bidder)

sworn, deposes and says that:

- (1) He is the President of
(Owner, Partner, Officer, Representative or, Agent)
Wallace C. Drennan, Inc., the Bidder, and that
(Name of Bidder)

the Bidder has submitted the accompanying Bid for the construction of the above Contract, a public project of the Parish of St. Charles, Louisiana;

- (2) He is fully informed respecting the preparation and contents of the Bid and of all pertinent circumstances respecting the Bid;
- (3) The Bid is genuine and is not a collusive or sham Bid;
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, have in any way colluded, conspired, connived, or agreed, directly or indirectly, with any other Bidder, firm, or person to submit a collusive or sham Bid in connection with the Contract or Work for which the attached Bid has been submitted; or to refrain from bidding in connection with such Work; or have in any manner, directly or indirectly, sought by agreement, collusion, communication, or conference with any Bidder, firm, or person to fix the price or prices in the Bid or the Bid of any other Bidder; or to fix any overhead, profit, or cost elements of the Bid price or the Bid price of any other Bidder; or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against the Owner, or any person interested in the proposed Work;
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any

other of its agents, representatives, owners, employees, or parties in interest, including this affidavit;

- (6) That he has employed no one person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he is to receive payment, other than persons regularly employed by him whose services in connection with the construction of the public building or project or in securing the public contract were in the regular course of their duties for him; and that no part of the contract price to be received by him was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by him whose services in connection with the construction of the public building or project were in the regular course of their duties for him;
- (7) This affidavit is executed in compliance with the provisions of Louisiana Revised Statutes 38:2219.

Bidder Wallace C. Drennan, Inc.

By Wallace C. Drennan, III
Wallace C. Drennan, III
Title President

Subscribed and sworn to before me

this 10 day of September, 2012 at New Orleans, Louisiana

My commission expires _____

END OF SECTION



SEAL OFFICIAL SEAL
STERLING SCOTT WILLIAMS
BAR ROLL # 02189
STATE OF LOUISIANA
PARISH OF ORLEANS
My Commission is for Life

ADDENDUM NO. 1

Upgrade to Ashton Pump Station & Force Main St. Charles Parish, Louisiana

DATE ISSUED: September 4, 2012
BID DATE: September 20, 2012

EES PROJECT NO. 1023

This Addendum shall be considered as included and/or amended in the original Contract Documents and shall take precedence over any part of the original documents or previous addendum in conflict therewith. This Addendum contains 1 page. All bidders shall ensure all sheets of this Addendum are enclosed. If sheets are missing from this Addendum, it is the responsibility of the Bidder to notify the Engineer seventy-two (72) hours prior to the bid date and time.

I. SPECIFICATIONS

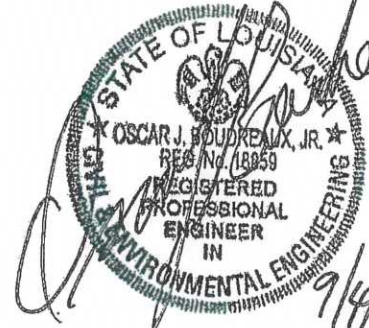
Advertisement for Bids

Remove the sentence that reads:

"Bids: Sealed Bids must be received by the ST. CHARLES PARISH COUNCIL, Parish of St. Charles, Louisiana, 15045 River Road, Court House Building, Hahnville, Louisiana, 70057, either by registered or certified mail with return receipt requested, or hand delivered, or electronically submitted at www.centralbidding.com, no later than 10:00 a.m. local time on Thursday, September 6, 2012."

and **Replace** it with the following:

"Bids: Sealed Bids must be received by the ST. CHARLES PARISH COUNCIL, Parish of St. Charles, Louisiana, 15045 River Road, Court House Building, Hahnville, Louisiana, 70057, either by registered or certified mail with return receipt requested, or hand delivered, or electronically submitted at www.centralbidding.com, no later than 10:00 a.m. local time on Thursday, September 20, 2012."



ADDENDUM NO. 2

Upgrade to Ashton Pump Station & Force Main St. Charles Parish, Louisiana

DATE ISSUED: September 7, 2012
BID DATE: September 20, 2012

EES PROJECT NO. 1023

This Addendum shall be considered as included and/or amended in the original Contract Documents and shall take precedence over any part of the original documents or previous addendum in conflict therewith. This Addendum contains 83 pages. All bidders shall ensure all sheets of this Addendum are enclosed. If sheets are missing from this Addendum, it is the responsibility of the Bidder to notify the Engineer seventy-two (72) hours prior to the bid date and time.

I. SPECIFICATIONS

A. Section 00100 – Instruction to Bidders

In paragraph 9.4 on page 00100-6, **Change** the word “seven” to “fifteen”.

B. Section 00300 – Louisiana Uniform Public Work Bid Form

1. On Sheet 00300-2, refer to the item entitled Air Release Valve and Manhole. **Change** the reference number from 7 to 5.
2. On Sheet 00300-3, refer to the item entitled Remove and Replace Concrete Pavement and Base. **Change** the reference number from 23 to 20.

C. Section 00800 – Supplementary Conditions

In paragraph SC-5.3 on page 00800-4, **Change** the first sentence to read as follows:

“All liability insurance policies including Owner/Engineer Protective Liability shall name the Parish of St. Charles and Environmental Engineering Services, Inc.”

D. Section 01010 – Summary of Work

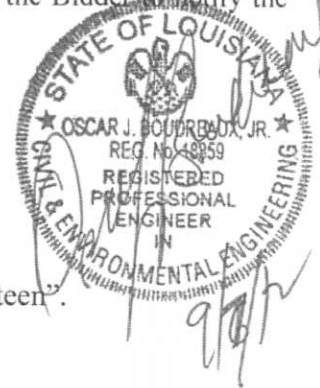
Add the following paragraph to this Section:

“1.13 Classification of Work

This project shall have a municipal, public work construction license in the State of Louisiana.”

E. Section 11068 – Duplex Submersible Pumps

Replace Sheet 11068-2 with the attached Sheet 11068-2A.



II. DRAWINGS

1. Sheet GN1

Add the following note to Sheet GN1:

“48. All HDPE pipe to have a green stripe to indicate sewer force main.

49. All buried valves shall have valve boxes with 2' x 2' x 4" concrete pad. Install valve extension rods to a point within twelve inches of the surface.”

2. Sheet D01

On plan view, **Change** the note “Existing pipe sleeves to remain” to the following:

“Existing pipe sleeves to be enlarged for 8-inch ductile iron pipe. If location of new pipe penetration change, existing pipe sleeve openings or portions thereof shall be grouted and sealed.”

3. Sheet C01

Replace existing Sheet C01 with the attached Sheet C01A.

4. Sheet M01

Replace the existing Sheet M01 with the attached Sheet M01A.

5. Sheet M02

Replace the existing Sheet M02 with the attached Sheet M02A.

6. Sheet P04

Replace Sheet P04 with the attached P04A.

7. Sheet P05

Replace Sheet P05 with the attached Sheet P05A.

Engineer's Note: Sheet P04 and P05 were changed to reflect the lowering of the force main to elevation -40.00 to clear all pipelines. Contractor must check with all pipeline companies before installation of force main.

8. Sheet P16

Replace Sheet P16 with the attached Sheet P16A.

Engineer's Note: The Owner desires to tie into the existing 18-inch force main. This sheet represents those changes.

9. Sheet E01

Add the following note to Sheet E01:

“4. The meter box, meter transfer switch, main control box, and control panel shall all be new equipment.”

III. APPENDIX

A. Appendix “A” – Pipeline Permits & Requirements

Add the attached Appendix A to the Specifications. Make the appropriate changes to the Table of Contents.

B. Appendix “B” – Other Permit Requirements

Add the attached Appendix B to the Specifications. Make the appropriate changes to the Table of Contents.

TECHNICAL SECTION
DIVISION 11 – EQUIPMENT
SECTION 11068 – DUPLEX SUBMERSIBLE PUMPS

- | | |
|------------------------------|---|
| c. NEMA Std MG1 | Motors and Generators. |
| 5. Miscellaneous References: | |
| a. Ten-State Standards | Recommended Standards for Sewage Works. |
| b. Hydraulic Institute | Std for Centrifugal, Rotary and Reciprocating Pumps. |
| c. NMTBA and JIC Std | National Machine Tool Builders Association and Joint Industrial Council Standards |

1.03 SYSTEM DESCRIPTION

- A. The Contractor shall furnish and install submersible pumps and controls capable of handling raw unscreened sewage.
- B. The pumps and mechanical slide rail accessories shall be installed in the wet well as shown on the project plans. The pump control panel, liquid level control, valves and piping shall be installed as shown on the Project plans.

1.04 APPROVED MANUFACTURERS

The pre-engineered duplex pump station as described herein and shown on the drawing shall be provided by ITT Flygt Corporation of Trumbull, Connecticut; Hydromatic Pentair Water of Ashland, OH.

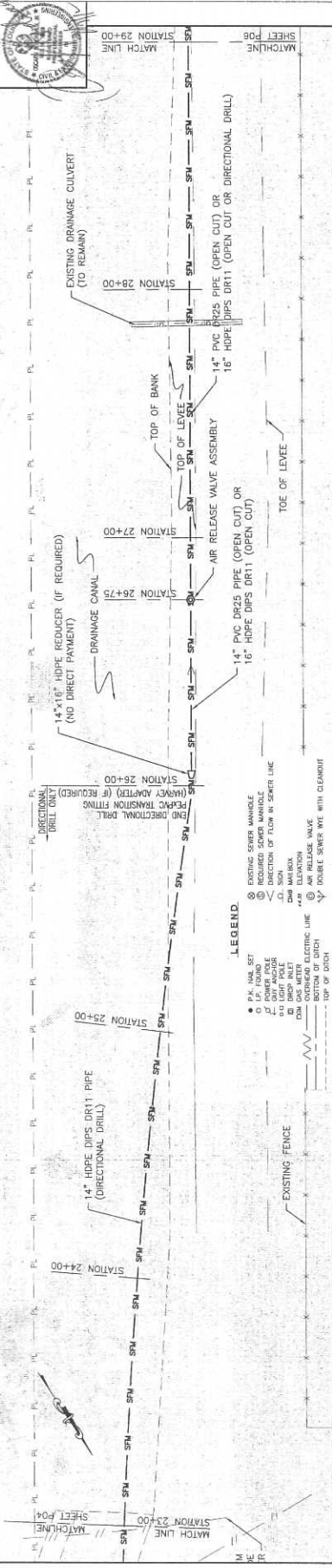
PART 2 - PRODUCT

2.01 PUMP DESIGN

- A. The pump(s) must be submersible slide rail type and be properly selected with the necessary characteristics to deliver the following:

<u>Pump</u>	<u>Flow (GPM)</u>	<u>TDH (FT)</u>	<u>HP</u>	<u>Impeller Diameter</u>
Duplex Submersible	1,600 GPM	75 FT	40 HP	11.38"

- B. The pump(s) shall be automatically and firmly connected to the discharge connection, guided by no less than two (stainless steel, galvanizes steel) guide pipes extending from the top of the station to the discharge connection. There shall be no need for personnel to enter the wet-well. Sealing of the pumping unit to the discharge connection shall be accomplished by a

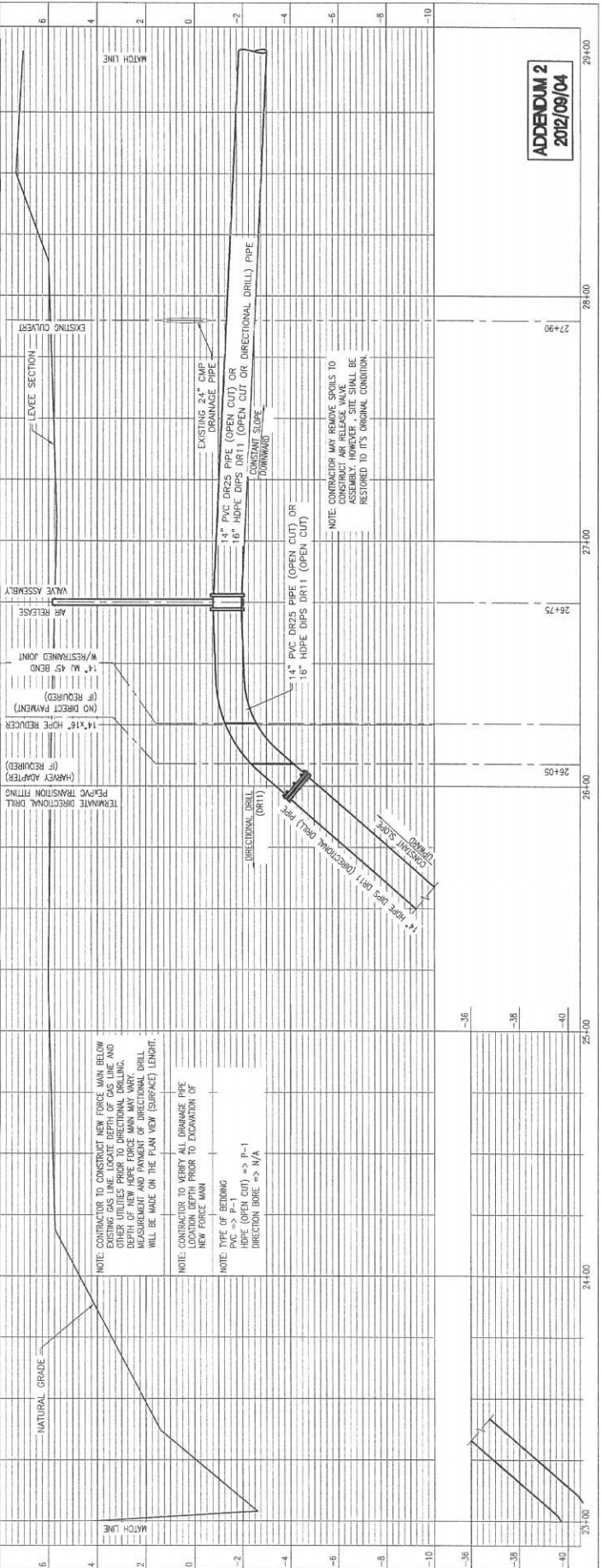


CAUTION
 ELECTRICAL POWERED AND UNDEGROUND LINES ARE LOCATED
 BEFORE BACKFILLING OF TRENCHES. ANY UNIDENTIFIED
 LINES SHOULD BE TREATED AS LIVE UNTIL THE OWNER
 GIVES WRITTEN EXPLICIT PERMISSION TO PROCEED.

WARNING
 HIGH-PRESSURE PIPELINES(S)
 EXISTING AND/OR CONSTRUCTION PROHIBITED WITH OUT WRITTEN
 PERMISSION FROM THE APPROPRIATE AGENCIES (E.G. BOCHIM PIPELINE COMPANY,
 LIQUIDE, GULF SOUTH AND BOCHIM PIPELINE COMPANIES)

NOTE CONTRACTOR TO CONSTRUCT NEW FORCE MAIN BELOW
 EXISTING GAS LINE AND EXISTING DIRECTIONAL DRILLING
 LINE AND OTHER UTILITIES PRIOR TO DIRECTIONAL DRILLING.

1"=2' VERT.
 1"=2' HORIZ.
 SCALE: UNLESS OTHERWISE NOTED
 SHEET 102 OF 102



ADDENDUM 2
 2012/09/04

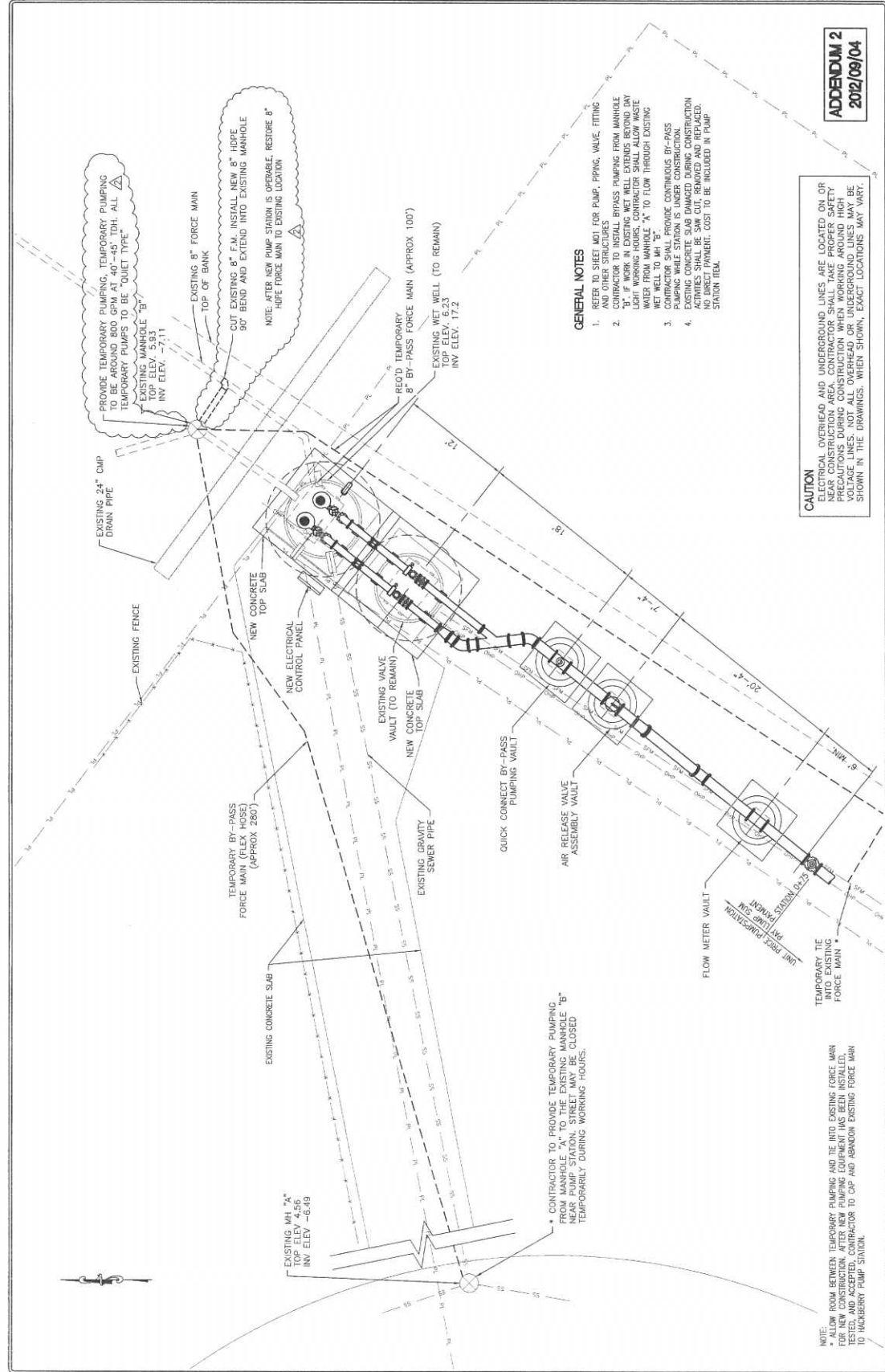


DESIGNED	UAS
DRAWN	BMZ
CHECKED	BMZ
DATE	JULY 2012

NO.	DATE	DESCRIPTION
1	07/11/2012	REVISED AS PER ADDENDUM NO. 2
2		
3		
4		
5		
6		
7		
8		
9		
10		

OWNER	ST. CHARLES PARISH
PROJECT	STATION & FORCE MAIN UPGRADE TO ASHTON PUMP
PROJECT NO.	1023

SHEET	C01A
-------	------



GENERAL NOTES

1. REFER TO SPEC FOR PUMP, PIPING, VALVE, FITTING AND OTHER STRUCTURES.
2. CONTRACTOR TO INSTALL BY-PASS PUMPING FROM MANHOLE "B". IF WORK IN EXISTING WET WELL EXTENDS BEYOND DAY LIGHT WORKING HOURS, CONTRACTOR SHALL ALLOW WASTE WATER TO FLOW THROUGH EXISTING WET WELL TO MANHOLE "A" TO FLOW THROUGH EXISTING WET WELL TO MANHOLE "B".
3. CONTRACTOR SHALL PROVIDE CONTINUOUS BY-PASS PUMPING WHILE STATION IS UNDER CONSTRUCTION.
4. EXISTING CONCRETE SLAB DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION. NO DIRECT PAYMENT COST TO BE INCLUDED IN PUMP STATION ITEM.

CAUTION

ELECTRICAL OVERHEAD AND UNDERGROUND LINES ARE LOCATED ON OR NEAR CONSTRUCTION AREA. CONTRACTOR SHALL TAKE PROPER SAFETY PRECAUTIONS DURING CONSTRUCTION WHEN WORKING AROUND HIGH VOLTAGE LINES. EXACT LOCATIONS OF ALL UTILITIES SHALL BE SHOWN IN THE DRAWINGS. WHEN SHOWN, EXACT LOCATIONS MAY VARY.

ADDENDUM 2
2012/09/04

NOTE:
* ALLOW ROOM BETWEEN TEMPORARY PUMPING AND TIE INTO EXISTING FORCE MAIN NEAR PUMP STATION. STREET MAY BE CLOSED TEMPORARILY DURING WORKING HOURS.

Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
610 BELLE TERRE BLVD.
SUITE 200
METairie, LA 70002
PHONE (504) 885-0185
FAX (504) 885-0182

ASHTON PUMP STATION
SITE PLAN

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FILE NAME: S:\V\ 2011\1023\1023\1023.dwg DATE: 07/11/2012



DESIGNED	QUB
DRAWN	BMZ
CHECKED	RUB
DATE	JULY 2012

NO.	DATE	DESCRIPTION
1	08/27/12	REVISED AS PER ADDENDUM NO. 2
2		
3		
4		
5		
6		
7		
8		
9		
10		

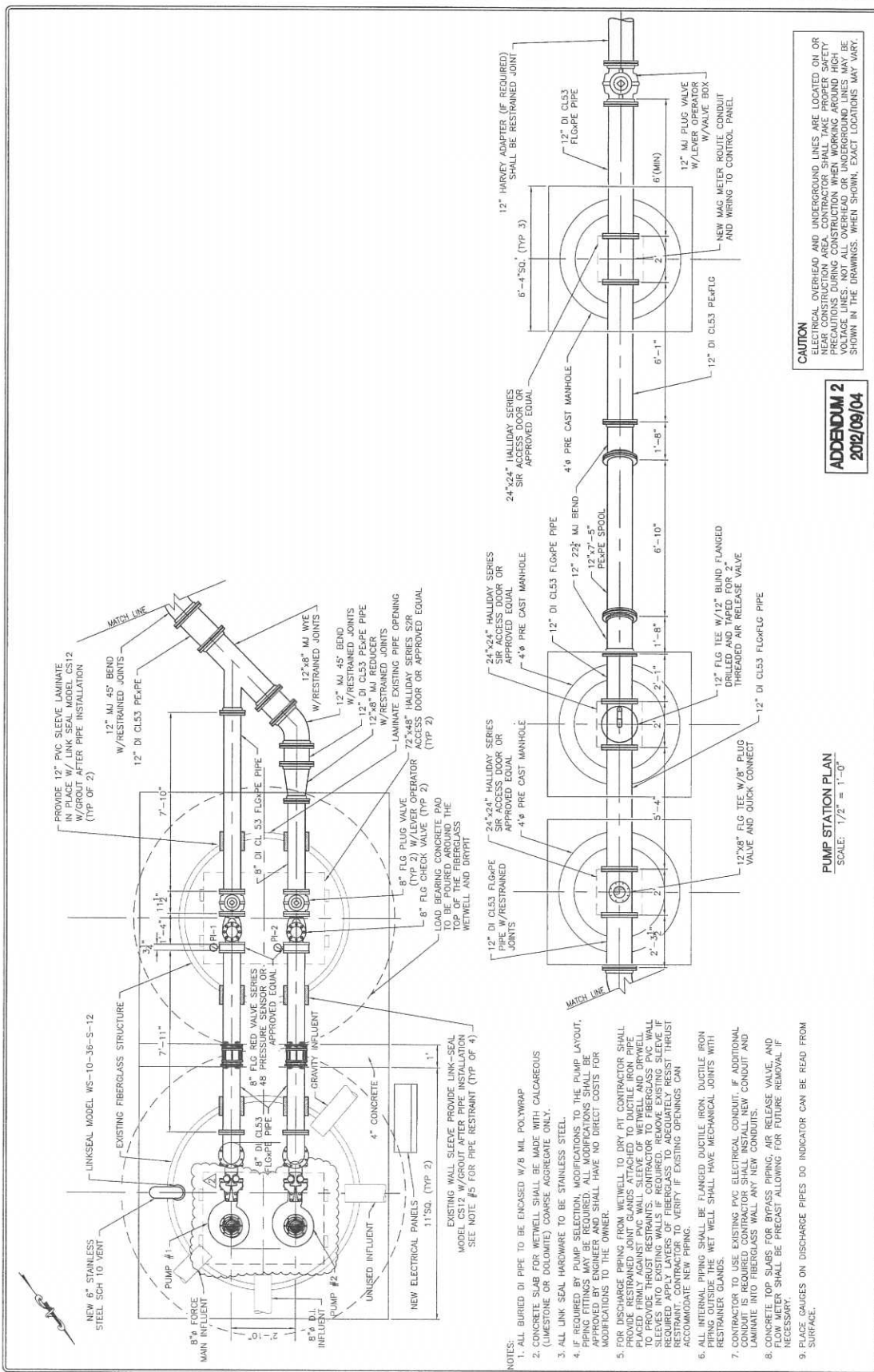
PROJECT: ST. CHARLES PARISH, LOUISIANA

STATION & FORCE MAIN

OWNER: ST. CHARLES PARISH

1023

SHEET: M01A



CAUTION
MECHANICAL OVERHEAD AND UNDERGROUND LINES ARE LOCATED ON OR NEAR CONSTRUCTION AREA. CONTRACTOR SHALL TAKE PROPER SAFETY PRECAUTIONS DURING CONSTRUCTION WHEN WORKING AROUND HIGH VOLTAGE LINES. NOT ALL OVERHEAD OR UNDERGROUND LINES MAY BE SHOWN IN THE DRAWINGS. WHEN SHOWN, EXACT LOCATIONS MAY VARY.

ADDENDUM 2
2012/09/04


PUMP STATION PLAN
SCALE: 1/2" = 1'-0"

- NOTES:**
- ALL BURIED DI PIPE TO BE ENCASED W/8" MIL POLYWRAP
 - CONCRETE SLAB FOR WETWELL SHALL BE MADE WITH CALAREOUS (LIMESTONE OR DOLOMITE) COMBE AGGREGATE ONLY.
 - ALL LINK SEAL ORADOMITE TO BE STAINLESS STEEL.
 - IF REQUIRED BY PUMP SELECTION, MODIFICATIONS TO THE PUMP LAYOUT, WHICH MAY BE REQUIRED BY THE PUMP MANUFACTURER, SHALL BE MADE BY THE ENGINEER AND SHALL HAVE NO DIRECT COSTS FOR MODIFICATIONS TO THE OWNER.
 - FOR DISCHARGE PIPING FROM WETWELL TO DRY PIT CONTRACTOR SHALL PROVIDE RESTRAINED JOINT GLANDS ATTACHED TO DUCTILE IRON PIPE PLACED FIRMLY AGAINST PVC WALL SLEEVE OF WETWELL AND DRYWELL. SLEEVES INTO EXISTING WALLS IF REQUIRED. REMOVE EXISTING SLEEVE IF REQUIRED. CONTRACTOR TO VERIFY IF EXISTING OPENINGS CAN ACCOMMODATE NEW PIPING.
 - ALL DISCHARGE PIPING SHALL BE FLANGED, DUCTILE IRON, DUCTILE IRON RESTRAINER GLANDS. THE WET WELL SHALL HAVE MECHANICAL JOINTS WITH RESTRAINER GLANDS.
 - CONTRACTOR TO USE EXISTING PVC ELECTRICAL CONDUIT, IF ADDITIONAL CONDUIT IS REQUIRED CONTRACTOR SHALL INSTALL NEW CONDUIT AND LAMINATE INTO FIBERGLASS WALL ANY NEW CONDUITS.
 - CONCRETE TOP SLABS FOR BYPASS PIPING, AIR RELEASE VALVE, AND PRESSURE GAUGES SHALL BE PRECAST ALLOWING FOR FUTURE REMOVAL IF NECESSARY.
 - PLACE GAUGES ON DISCHARGE PIPES DO INDICATOR CAN BE READ FROM SURFACE.

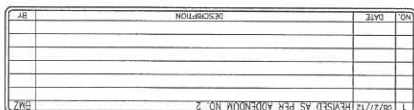
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ASHTON PUMP STATION PLAN

**Environmental Engineering Consulting Engineers, Inc.**
910 BELLE TERRE BLVD.
SUITE 200
BAYLOR, LA 70714
PHONE (504) 833-0185
FAX (504) 833-0182

**SCALE: AS NOTED**

FILE NAME: s:\v\ 2010\1023\1023A\1023A\1023A.dwg - PUMP STATION PLAN AND PROFILE.dwg TAG NAME: M01



PROJECT: 1023

M02A



SCALE: AS NOTED

SCALE CONVERSION



APPENDIX A

Pipeline Permits & Requirements

Air Liquide

Contact: Kenny Grisham

Phone: 713-438-6406

Email: kenny.grisham@airliquide.com

Letter of no objection attached / Contact at construction

Evangaline and Acadia: (Enterprise Products)

Contact: Rebecca Curry

Phone: 713-803-1795

Email: recurry@eprod.com

Acadian – Evangaline

Contact: Helen M. Napolitano

Phone: 713-803-1768

hmnapolitano@eprod.com

Letter of no objection attached

Louisiana One Call at time of construction

NuStar

Contact: Buddy Pennison

Phone: 318-623-2270

Email: buddy.pennison@nustarenergy.com

Will pothole at construction (need min of 3 feet clearance)

Contact at construction to get agreement

Gulf South

Contact: Randy Millet

Phone: 225-869-3367

Email: randy.millet@bwtmlp.com

Contact at construction to get agreement

BioChem/Occidental Chemical

Contact: Michael Parden

Phone: office – 985-783-7290

Phone: cell – 985-817-1238

Email: Michael_parden@oxy.com

See attached email of depth requirement / Contact at construction

Shell

Contact: Tammy Pimley

Phone: 504-728-4799

Email: tammy.pimley@shell.com

See attached Shell requirements for crossing pipelines / Contact at construction



September 16, 2011

Environmental Engineering Services, Inc.
610 Belle Terre Blvd.
LaPlace, LA. 70068
Attn: Robert P. Guillot Jr. PE

RE: St. Charles Parish Proposed 14-inch Sanitary Sewer Force Main Project #1023

Dear Mr. Guillot:

This is in response to your letter of transmittal with drawing, dated August 22, 2010. Your transmittal describes work to be done to install a new 14" sanitary sewer force main line by directional drill under Air Liquide's 12" oxygen and 8" nitrogen pipelines in Luling, LA.

Air Liquide offers no objection to the proposed work provided no changes are made to the design. If any changes are made to the designs please provide updated information for further review.

Air Liquide will require at least 48 hours notice prior to any activity near Air Liquide's pipelines, by contacting Mr. Robert Hracek at 225-268-8697.

Should you have any question please contact me at 713-438-6406

Sincerely,

Kenny Grisham

Cc: Robert Hracek



ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS HOLDINGS LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

September 21, 2011

Mr. Robert P. Guillot Jr., PE
Environmental Engineering Services, Inc
610 Belle Terre Blvd
La Place, Louisiana 70068

RE: REQUEST FOR ENCROACHMENT ACROSS THE ACADIAN INTERCONNECT TO NINE MILE POINT PIPELINE
(EVANGELINE; LID # 302-0100; TRACT # 36; DB #4349)
LETTER OF NO OBJECTION – ST. CHARLES PARISH, LOUISIANA

Dear Mr. Guillot:

Pursuant to your request on behalf of St. Charles Parish (SCP)'s proposed construction of one (1) fourteen-inch (14") HDPE DIPS DR11 force main as per plans from Environmental Engineering Services, Inc received August 17, 2011 (referred to as ENCROACHMENT) crossing the Acadian Interconnect to Nine Mile Point pipeline, please be advised that Evangeline Gas Pipeline Company, L.P. (COMPANY) hereby has no objection to the proposed ENCROACHMENT in consideration of SCP'S agreement to the following requirements:

1. A minimum of 48 hours (excluding weekends and holidays) prior to commencing construction activities relating to the Encroachment within twenty-five feet (25') of COMPANY'S pipeline, SCP shall notify, or shall require and be responsible for its contractors, agents, and subcontractors to notify local One-Call by dialing 811, as well as COMPANY'S Operations representative Bryan Giroir at (985) 414-2824, so that Mr. Giroir or his designated representative can be present during any approved construction operations. The following language must be conspicuously displayed on all drawings depicting the pipeline:

WARNING! HIGH PRESSURE PIPELINE

Excavation and/or Construction Prohibited without Prior Written Permission From
Evangeline Gas Pipeline Company, L.P.

2. SCP'S crossing(s) will be as close to ninety (90) degrees as possible to COMPANY'S pipeline, but not less than forty-five (45) degrees. Approved directional drills installed near COMPANY'S pipeline and facilities require physical verification of pipeline location prior to commencement of any work.
3. SCP will install the aforementioned HDPE DIPS DR11 force main across and under COMPANY'S pipeline in such a way that a minimum vertical separation of ten feet (10') between the bottom of COMPANY'S pipeline and the top of SCP'S HDPE DIPS DR11 force main is maintained.
4. SCP will not move construction equipment across COMPANY'S pipeline and/or rights-of-way without the consent of COMPANY'S representative. Wherever SCP is approved to cross COMPANY'S pipeline and/or rights-of-way with heavy equipment, SCP will place matting or other suitable material over the pipeline as determined by COMPANY'S representative in the field. No large vibratory compaction equipment is allowed within the COMPANY'S right-of-way, only walk-behind vibratory roller/compactor is allowed when working over COMPANY'S pipeline. SCP will maintain a minimum of four feet (4') of cover over the top of the COMPANY'S pipeline at locations where construction or maintenance activities will take place over the pipeline.
5. SCP may place excavated material inside COMPANY'S rights-of-way, but may not place such material over COMPANY'S pipeline unless approved by COMPANY'S representative. No equipment will be allowed to work over COMPANY'S pipeline unless approved by COMPANY'S representative. Any excavation within two feet (2') of COMPANY'S pipeline will be done by hand. All mechanical digging equipment must have the teeth removed or barred with a plate welded across the teeth.

6. SCP will not place large landscaping, including, but not limited to, trees and large shrubs with a mature untrimmed height greater than eighteen inches (18") on COMPANY'S rights-of-way. No light or utility poles, fences, buildings, houses, barns, garages, patios, swimming pools, reinforced concrete slabs, or other permanent structures will be permitted on COMPANY'S rights-of-way.
7. Any and all use of COMPANY'S rights-of-way for temporary workspace and any and all crossings of the subject pipeline must be approved by COMPANY'S representative in the field, provided, however, that such approval shall not be unreasonably withheld. SCP agrees to clean up and repair all damages to COMPANY'S rights-of-way resulting from the work on or across COMPANY'S rights-of-way. Any and all damage repairs and cleanup of COMPANY'S rights-of-way will be subject to COMPANY'S acceptance.
8. SCP may place and maintain utility markers on either edge of COMPANY'S pipeline rights-of-way unless said markers interfere with landowner's or tenant's land use.
9. Within 120 days of the completion of the Encroachment across COMPANY'S rights-of-way, SCP will provide to COMPANY at the above address a reproducible as-built drawing of the crossing(s), which shall include a distance of twenty-five feet (25') on each side of said crossing(s) along with depiction of elevations.
10. The existence of the Encroachment does not constitute a waiver of COMPANY'S express rights under the COMPANY'S grant of easement or any other rights which may be implied by law or equity.

Should you have any questions, please call me at (713) 803-1768 or contact me via e-mail at hmnapolitano@eprod.com.

Regards,



Helen M. Napolitano SR/WA
Encroachment Analyst

cc: Kyle Webster
Bryan Giroir
Doug Kotar
Tim Halbrook
Ed Sangel
Ray Chu



ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS HOLDINGS LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

September 21, 2011

Mr. Robert P. Guillot Jr., PE
Environmental Engineering Services, Inc
610 Belle Terre Blvd
La Place, Louisiana 70068

RE: REQUEST FOR ENCROACHMENT ACROSS THE EVANGELINE – MONSANTO PIPELINE
(ACADIAN; LID # 307-0109-A; TRACT # TR 29/RW 7847; DB #4349)
LETTER OF NO OBJECTION – ST. CHARLES PARISH, LOUISIANA

Dear Mr. Guillot:

Pursuant to your request on behalf of St. Charles Parish (SCP)'s proposed construction of one (1) fourteen-inch (14") HDPE DIPS DR11 force main as per plans from Environmental Engineering Services, Inc received August 17, 2011 (referred to as ENCROACHMENT) crossing the Evangeline-Monsanto pipeline, please be advised that Acadian Gas Pipeline System (COMPANY) hereby has no objection to the proposed ENCROACHMENT in consideration of SCP'S agreement to the following requirements:

1. A minimum of 48 hours (excluding weekends and holidays) prior to commencing construction activities relating to the Encroachment within twenty-five feet (25') of COMPANY'S pipeline, SCP shall notify, or shall require and be responsible for its contractors, agents, and subcontractors to notify local One-Call by dialing 811, as well as COMPANY'S Operations representative Bryan Giroir at (985) 414-2824, so that Mr. Giroir or his designated representative can be present during any approved construction operations. The following language must be conspicuously displayed on all drawings depicting the pipeline:

WARNING! HIGH PRESSURE PIPELINE

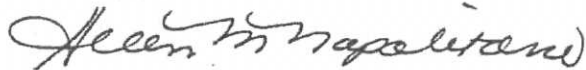
Excavation and/or Construction Prohibited without Prior Written Permission From
Acadian Gas Pipeline System

2. SCP'S crossing(s) will be as close to ninety (90) degrees as possible to COMPANY'S pipeline, but not less than forty-five (45) degrees. Approved directional drills installed near COMPANY'S pipeline and facilities require physical verification of pipeline location prior to commencement of any work.
3. SCP will install the aforementioned HDPE DIPS DR11 force main across and under COMPANY'S pipeline in such a way that a minimum vertical separation of ten feet (10') between the bottom of COMPANY'S pipeline and the top of SCP'S HDPE DIPS DR11 force main is maintained.
4. SCP will not move construction equipment across COMPANY'S pipeline and/or rights-of-way without the consent of COMPANY'S representative. Wherever SCP is approved to cross COMPANY'S pipeline and/or rights-of-way with heavy equipment, SCP will place matting or other suitable material over the pipeline as determined by COMPANY'S representative in the field. No large vibratory compaction equipment is allowed within the COMPANY'S right-of-way, only walk-behind vibratory roller/compactor is allowed when working over COMPANY'S pipeline. SCP will maintain a minimum of four feet (4') of cover over the top of the COMPANY'S pipeline at locations where construction or maintenance activities will take place over the pipeline.
5. SCP may place excavated material inside COMPANY'S rights-of-way, but may not place such material over COMPANY'S pipeline unless approved by COMPANY'S representative. No equipment will be allowed to work over COMPANY'S pipeline unless approved by COMPANY'S representative. Any excavation within two feet (2') of COMPANY'S pipeline will be done by hand. All mechanical digging equipment must have the teeth removed or barred with a plate welded across the teeth.

6. SCP will not place large landscaping, including, but not limited to, trees and large shrubs with a mature untrimmed height greater than eighteen inches (18") on COMPANY'S rights-of-way. No light or utility poles, fences, buildings, houses, barns, garages, patios, swimming pools, reinforced concrete slabs, or other permanent structures will be permitted on COMPANY'S rights-of-way.
7. Any and all use of COMPANY'S rights-of-way for temporary workspace and any and all crossings of the subject pipeline must be approved by COMPANY'S representative in the field, provided, however, that such approval shall not be unreasonably withheld. SCP agrees to clean up and repair all damages to COMPANY'S rights-of-way resulting from the work on or across COMPANY'S rights-of-way. Any and all damage repairs and cleanup of COMPANY'S rights-of-way will be subject to COMPANY'S acceptance.
8. SCP may place and maintain utility markers on either edge of COMPANY'S pipeline rights-of-way unless said markers interfere with landowner's or tenant's land use.
9. Within 120 days of the completion of the Encroachment across COMPANY'S rights-of-way, SCP will provide to COMPANY at the above address a reproducible as-built drawing of the crossing(s), which shall include a distance of twenty-five feet (25') on each side of said crossing(s) along with depiction of elevations.
10. The existence of the Encroachment does not constitute a waiver of COMPANY'S express rights under the COMPANY'S grant of easement or any other rights which may be implied by law or equity.

Should you have any questions, please call me at (713) 803-1768 or contact me via e-mail at hmnapolitano@eprod.com.

Regards,



Helen M. Napolitano SR/WA
Encroachment Analyst

cc: Kyle Webster
Bryan Giroir
Doug Kotar
Tim Halbrook
Ed Sangel
Ray Chu

ENCROACHMENT GUIDELINES



ENCROACHMENT GUIDELINES

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ENCROACHMENT GUIDELINES

1.0 Purpose and Scope

The purpose of this specification is to outline the standards and procedures to be followed when planning land use, development, or construction on or near easements or rights-of-way owned or operated by Enterprise Products Company and its affiliates, subsidiaries and holdings (hereinafter called "Enterprise"). It is intended for use by federal, state, city, county, and local planners, landowners, utility owners, developers, engineers, contractors, land surveyors, or anyone involved in the initial stages of land development near pipeline systems. If Enterprise is included in the initial planning stages of the project, delays can often be avoided and safe development practices near pipelines can be employed.

These specifications define the minimum standards of safety and quality for addressing encroachments to pipeline corridors and rights-of-way; however, each situation is evaluated on a case-by-case basis. Pipelines and their related rights-of-way are extremely valuable assets, and it is Enterprise's responsibility to maintain the value of its assets and protect its rights-of-way, while working with the communities in which it operates. Enterprise is also responsible for ensuring public safety and protecting the environment when activities are taking place near its pipeline facilities.

Enterprise facilities include, but are not limited to, pipelines, metering stations, pigging assembly sites, rights-of-way and easements. Government entities play a major role in regulating land use by means of comprehensive planning, zoning, and other regulations.

All activities and projects that are performed within Enterprise easements or rights-of-way or facilities operated by Enterprise are subject to formal review by Enterprise prior to the issuance of a Letter of No Objection or Encroachment Agreement, whichever is applicable. Depending on the scope of the project and its impact on Enterprise's facilities, additional engineering requirements and protective measures may also be required. Enterprise's policy is to comply with the standards and regulations set forth by the United States Department of Transportation Pipeline Safety Regulations (Title 49 CFR Parts 192 and 195), and applicable State regulations where Enterprise operates to assure the safety of the public and to protect its facilities.

Please become familiar with the contents of these encroachment specifications and their impact on your proposed project. If you have further questions or need assistance, please contact your local Enterprise office or the Land Department office at 2727 North Loop West, Houston, TX 77008-1044.

2.0 General Guidelines

- 2.1 Submit an encroachment notification with detailed construction/development plans to your local Enterprise office or to Enterprise Products Attention: Land Department – Encroachments, PO Box 4324, Houston, TX 77210-4324. Enterprise normally requires 30 days lead-time to review proposed development or construction plans for impacts to its pipeline rights-of-way, and 90 days lead-time for roadway crossing plans, in case Enterprise pipelines or other Enterprise facilities require adjustments. When plans are submitted, the project description, pipeline conflict location(s) and depth of cover and/or clearance between facilities should be provided. A location map should also be submitted, showing the project site area including sufficient geographical references such as legal property lines and roadways. Please refer to Section 3.0 for details.
- 2.2 All costs associated with pipeline modification, replacement, lowering, and/or protection, including engineering evaluation and design, are to be paid by the encroaching entity, unless stated otherwise.

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- 2.3 A Letter of No Objection, or a fully executed Encroachment Agreement, should be in place prior to any encroachment to the existing Enterprise right-of-way. An encroachment shall include, but not be limited to, any proposed or ongoing work activities or construction of aboveground and underground structures, roads, driveways, sidewalks, and parking areas, foreign utility crossings, electrical and communication cables, heavy equipment crossings, railroad and waterway crossings. Any disturbance to the existing pipeline right-of-way shall not occur without prior review by Enterprise. A disturbance shall include, but not be limited to, adding dirt, rock, or any other debris, or removing dirt, rock, or vegetation. All rights-of-way granted to third parties on Enterprise-owned land or easements shall contain relocation, indemnity and damage provisions in favor of Enterprise along with other conditions deemed necessary by Enterprise.
- 2.4 Surface grade or elevation changes and any additional cover on Enterprise pipeline is subject to approval of Enterprise. Existing soil cover on Enterprise pipeline cannot be removed without the consent of Enterprise. Any elevation changes should not prevent Enterprise from maintaining or operating its facilities along the right-of-way. Only clean fill will be allowed on Enterprise's right-of-way. Erosion control materials will be allowed.
- 2.5 Pipeline markers will be installed at all public roadway crossings, railroad crossings, waterway crossings, and in sufficient number along the right-of-way, as deemed necessary by Enterprise personnel, so that pipeline locations are accurately identified.
- 2.6 Guidelines and regulations outlined in governing industry codes and standards, as well as Enterprise policies, will be strictly adhered to.
- 2.7 Enterprise may require proof of current ownership in the form of a Title Commitment, Title Policy, or a copy of a recorded Warranty Deed.
- 2.8 Enterprise requires a copy of the Subdivision Plat, if applicable. If the plat has been recorded, Enterprise requires a copy indicating the book and the page of the recording.
- 2.9 No work shall be performed on Enterprise rights-of-way without prior consent of Enterprise. Enterprise reserves the right to have an on-site representative stationed along Enterprise right-of-way when work is being done. All construction activities are subject to the approval of the Enterprise on-site representative.

3.0 Project Plans

Project plans to be submitted for consideration will need to contain the following information:

- 3.1 Vicinity map and project location.
- 3.2 A legal description of the project location.
- 3.3 The Enterprise pipeline location, depth and right-of-way width clearly depicted.
- 3.4 The plan and profile view of the encroachments and crossing locations.
- 3.5 A profile view of the existing surface elevations, the proposed surface elevations and the elevation of the Enterprise pipeline, including cross-sections.
- 3.6 The pipeline labeled appropriately as "Enterprise Products Pipeline" including the pipe diameter size.



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- 3.7 A standard warning statement will need to be conspicuously displayed on all prints that depict the pipeline(s). The statement will need to contain the following language:

WARNING
HIGH-PRESSURE PIPELINE(S)
Excavation and/or Construction Prohibited Without Written Permission From
Enterprise Products Company

Note: Submission of incomplete plans could delay the engineering impact study and/or result in increased costs.

- 3.8 Project plans shall be submitted both in electronic and hard copies. At the conclusion of the project, As-built drawings should be provided to local Enterprise office or the Land Department office at 2727 North Loop West, Houston, TX 77008.

4.0 Pipeline Location and Depth Verification

- 4.1 As required by law, the encroaching party shall contact the appropriate State One Call Center to arrange for field staking of the approximate pipeline location and verification of pipeline depth by an Enterprise representative prior to any excavation activity.
- 4.2 An Enterprise representative is typically available within 48 hours to determine the approximate location and depth of the pipeline(s). No excavation on the right-of-way shall take place without approval from Enterprise and verification by Enterprise of the pipeline location and depth. To coordinate this activity, please contact our local Field Operations personnel at Enterprise office nearest to your proposed project.
- 4.3 The encroaching party or the developer shall perform for a site survey to accurately determine the location of the pipeline, determine pipeline depths, and accurately depict the location of the pipeline on the project plans. The encroaching party may perform pot holing (hydro excavation) or other means approved by Enterprise to physically locate the vertical and horizontal location of the existing underground Enterprise pipeline(s). To coordinate the site survey, please contact the local Enterprise office.

5.0 Excavation, Construction and Right-Of-Way Restrictions

- 5.1 Plans for excavation within the right-of-way must be approved by Enterprise prior to construction commencement.
- 5.2 Excavation operations shall be performed in accordance with appropriate State "One-Call" utility locating system requirements. No excavation shall occur in the vicinity of Enterprise facilities or within its rights-of-way until proper telephone notification has been made to the appropriate "One-Call" system and an Enterprise representative is on-site to monitor excavation activities. Please refer to Section 19.0 for further details.
- 5.3 No equipment shall work directly over the pipeline. The encroaching party shall install temporary fencing or white line along Enterprise's right-of-way boundaries so that equipment will not inadvertently pass over the pipeline at any locations other than those established for crossing.
- 5.4 When excavating within the right-of-way, the encroaching party's excavator shall have a plate welded over the teeth of the excavator bucket, and the side cutters must be removed prior to excavation to help prevent pipeline damage.

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- 5.5 Excavation equipment used to remove material from over or on each side of the pipeline must maintain a "Tolerance Zone – a minimum of 18 inches from the outer edge of the pipe (in all directions), or as defined by State regulations, whichever is greater. Mechanical excavation equipment used to remove material surrounding an Enterprise pipeline must maintain a minimum buffer of at least 18 inches or as defined by State regulations, whichever is greater, between the excavation equipment and the circumference of the pipeline(s)."
- 5.6 Mechanized equipment is not allowed within the tolerance zone. Any excavation taking place within 18 inches of the outer edge of the pipe shall be done by hand excavation only; air cutting and vacuum excavation are permitted with the approval of an Enterprise representative.
- 5.7 Excavators must work/dig parallel to Enterprise's pipeline facilities as practically possible.
- 5.8 If conditions require, the crossing party shall be directed by Enterprise to install sand bags or other suitable insulating material to maintain proper vertical clearance from the pipeline.
- 5.9 At any location where the pipeline is exposed, the crossing party shall provide Enterprise personnel the opportunity to inspect the pipeline condition, perform coating repair, if necessary, install cathodic protection test leads, and/or install underground warning tapes/mesh. The crossing party must also make the excavation area safe for entry by Enterprise personnel.
- 5.10 If a pipeline right-of-way width is not defined, Enterprise will clarify said width to reasonably allow for operation and maintenance of its lines and allow for construction of future pipelines as necessary. The Partial Release and Grant of Rights-of-Ways will not result in the right-of-way being restricted to less than the following:
 - a. On a multi-line right-of-way, a strip of land extending a minimum of 25' outward from the centerline of each outermost pipeline, not to be less than a total minimum width of 100'.
 - b. On single-line right-of-way, a strip of land extending a minimum of 45' outward from the centerline of the pipeline not to be less than a total minimum width of 90'.
- 5.11 Multi-line, above ground appurtenance, and ingress and egress rights will be retained.
- 5.12 Enterprise shall maintain the right of reasonable access across a landowner's property for maintenance and for the installation, operation and maintenance of utilities required for appurtenances.

6.0 Structures, Fencing and Landscaping

- 6.1 No buildings, houses, barns, garages, patios, swimming pools, reinforced concrete slabs, light poles, masonry, retaining walls or other permanent structures will be permitted on the right-of-way.
- 6.2 Large debris, such as old cars, trailers, scrap metal, boulders, etc., will not be permitted on the right-of-way. The right-of-way must be kept clear for maintenance and inspection.

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- 6.3 Enterprise must approve fence crossings prior to any fence construction on or over an Enterprise pipeline and/or associated right-of-way. Fences may not be allowed to parallel the pipeline within associated right-of-way. Fence posts will not be allowed within 5 feet of the centerline of the pipeline. The landowner accepts full responsibility for any and all future damage to the fence in the event that Enterprise or its designee must access the pipeline and/or associated right-of-way to perform routine or emergency maintenance. No fences shall be constructed of any type material that obstructs the line of sight between the pipeline marker signs. No fencing shall prevent access by pipeline personnel at any time. Drive-through gates (14-foot-wide minimum) may be required to provide access to the right-of-way.
- 6.4 Trees are not permitted on the right-of-way. Mature shrubs with an untrimmed height exceeding 18" and/or obstructing the view of the marker posts are not permitted on the right-of-way.
- 6.5 Irrigation systems, field drain lines, and sidewalks will cross Enterprise pipelines at an angle as close to 90 degrees as possible, but not less than 45 degrees. No septic system lateral lines are permitted on the right-of-way.
- 6.6 Retaining walls are not permitted.
- 6.7 Surface grade or elevation changes require review by Enterprise, but in general, no cover may be removed from the right-of-way. No construction will be allowed that could result in the erosion of surface cover from the right-of-way.

7.0 Right-Of-Way Clearing

- 7.1 Enterprise may at any time elect to remove obstructions, including, but not limited to, trees, brush, crops, and other vegetation from all or part of its right-of-way. Existing trees and/or shrubs may be cleared or side-trimmed by Enterprise at its sole discretion.

8.0 Change of Land Use

- 8.1 The landowner or tenant shall notify Enterprise if land use will be changed from pasture to cultivation, or if tilling depth will increase, or if terraces will be cut or re-cut. Enterprise will confirm the depth of cover over the pipeline, and then determine the appropriate action required to protect the pipeline.
- 8.2 Livestock ponds, lakes, retention ponds, or wetlands are not allowed on the pipeline right-of-way.
- 8.3 As the rural environment is altered and land developments are proposed, Enterprise prefers to amend the existing right-of-way agreement to reflect the changing land use. Enterprise will work with developers to incorporate its existing right-of-way into the project design, including consent to the use of right-of-way as a "greenway" or open space area within the development.

9.0 Foreign Pipeline/Utility Crossings

- 9.1 All buried utility lines crossing Enterprise's right-of-way shall be installed in accordance with all applicable codes and requirements governing such installations.

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- 9.2 All foreign lines shall cross Enterprise's right-of-way at an angle as close to 90 degrees as possible, but not less than 45 degrees. Parallel occupancy of an existing right-of-way requires permission from Enterprise.
- 9.3 Foreign pipelines and utilities should cross Enterprise pipelines with at least 24 inches of separation. Special authorization must be given in the event separation is less than 24 inches. Exceptions for farm field drainage tile may be made at the discretion of Enterprise supervisors. The preferred method is to have foreign lines cross below Enterprise pipelines.
- 9.4 Metallic pipe crossing Enterprise pipelines will be subject to a cathodic protection interference study. Should remediation be necessary, Enterprise will require full cooperation to ensure that the cathodic protection system is operating properly. If interference is detected, the encroaching party shall work diligently towards remediation. Foreign metallic pipe crossings shall be coated with a non-conductive coating for the full width of Enterprise's right-of-way.
- 9.5 Buried electrical cables shall be installed in accordance with the National Electrical Safety code and shall cross below Enterprise pipelines with minimum clearances of 24 inches for 0 – 440 volts; 30 inches for 441 volts to 22,000 volts; 36 inches for 22,001 to 40,000 volts; and 42 inches for 40,001 volts and above. All power cables shall be installed in non-metallic or high impact PVC conduit. In the event the power cable crosses over an Enterprise pipeline, it shall be encased in a 6-inch envelope of red concrete for the full width of the right-of-way.
- 9.6 Communication cables (telephone, cable TV, and other data lines) shall cross below Enterprise pipelines with at least 24 inches of separation. Exceptions to this crossing below and clearance requirements will be reviewed on a case-by-case basis. Such cables shall be encased in a rigid, non-metallic conduit when crossing Enterprise pipelines.
- 9.7 Warning tape, in accordance with American Public Works Association (APWA) Uniform Color Code, shall be placed above the foreign utility, 12 inches below ground and shall extend at least 20 feet in such a manner that it would be unearthed before damage could result to the pipeline.
- Note: The placement of warning tape on each side of Enterprise's pipelines will not be required for utility cables that are installed using the directional drill or jacking method.
- 9.8 Utility poles and guy anchors shall not be placed within the pipeline right-of-way. Utility poles are permitted on the right-of-way edge, as long as they do not interfere with future maintenance. An Encroachment Agreement must be executed prior to installation if the pole is to be located on Enterprise's right-of-way.
- 9.9 A minimum of 30 feet of vertical clearance shall be maintained from the natural ground elevation above the Enterprise pipeline to the lowest point of all aerial utility crossings.

10.0 Roadways, Driveways, Sidewalks and Parking Lots

- 10.1 New roadways, driveways, sidewalks or parking lots shall not be constructed across the right-of-way without Enterprise's written approval. All plans for roadway, driveway and sidewalk crossings shall be designed to be as close to perpendicular to the pipeline as possible, but no less than 45 degrees.
- 10.2 Road construction may require adjustments to Enterprise pipelines for compliance with current pipeline construction standards and local, state, and federal regulations. It may also

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require a specific encroachment agreement from Enterprise and plans for such crossings shall be submitted 90 days prior to work commencement to allow time for project impact review by Enterprise.

- 10.3 Resurfacing of existing roadways or driveways may not require adjustments to Enterprise's pipeline if widening and/or changes to the depth of cover are not planned.
- 10.4 Prior to road construction, Enterprise must inspect the pipeline coating for integrity.
- 10.5 Paved surfaces will not be allowed to cross a pipeline bend.
- 10.6 Roadways, including driveways, shall be installed with a minimum compacted cover over the carrier pipe, as measured from the top of the roadway surface to the top of the pipe, as follows (see Fig. 1 and 2):

<u>Location</u>	<u>Minimum Compacted Cover</u>
• Under roadway surface proper	5 feet
• Under all other surfaces within the right-of-way or from the bottoms of ditches	4 feet

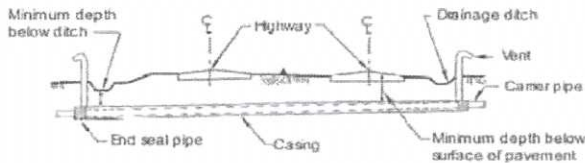


Figure 1: Cased Highway Crossing

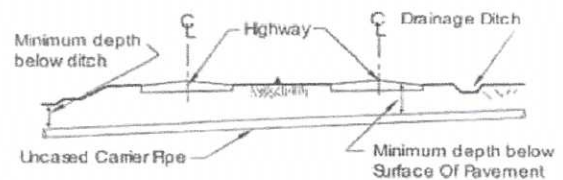


Figure 2: Uncased Highway Crossing

- 10.7 If the minimum coverage set forth in 10.6 cannot be provided, mechanical protection shall be installed, such as a 6" thick (minimum), steel-reinforced concrete slab along entire right-of-way width.
- 10.8 Enterprise prefers that cased roadway crossings no longer be installed. The carrier pipe under roadways will consist of extra strength material or heavier wall thickness to accommodate the additional longitudinal stress due to external loads. Casing pipe on an existing crossing may be extended to accommodate additional road surface or newly acquired right-of-way widths.
- 10.9 Sidewalks and parking lots will not be permitted without a fully executed Encroachment Agreement releasing Enterprise from any and all future damages to the sidewalks and parking lot due to pipeline maintenance and repair. A minimum cover of 4 feet from the top of the pipeline must be maintained at all points. All parking lots installed on the right-of-way shall consist of a flexible surface, such as asphalt. Concrete parking lots will be considered in some cases, if the area covered is limited to 50 feet or less. If approved, concrete surfaces shall include vent holes every 10 feet to allow for periodic leak surveys, and/or expansion joints every 10 feet along the pipeline right-of-way.

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- 10.10** All parking lots planned within the Company's right-of-way are to incorporate green areas (areas where surface access is not impeded by improvements) over the pipeline such that no more than 50 feet, measured along the pipeline centerline, may be covered by the paved parking surface. Green areas constructed at said 50 feet intervals shall be a minimum of 20 feet wide, extending 10' on each side of the pipeline, for a minimum distance of 30 feet in length. Casing or heavy wall pipe may be required for all areas covered by the parking area if stress calculations so dictate. Above-ground vent posts and/or pipeline markers are to be installed as necessary.
- 10.11** A close interval cathodic protection survey and a coating inspection will be performed prior to the parking lot being installed to evaluate the integrity of the pipeline coating.

11.0 Railroad Crossings

- 11.1** Railroads shall be installed with a minimum compacted cover over the carrier pipe, as measured from the base of the rail to the top of the pipe, as follows (see Fig.3 and 4):

Location

- Under track structure proper
- Under all other surfaces within the right-of-way or from the bottoms of ditches

Minimum Compacted Cover

6 feet (cased); 10 feet (uncased)
4 feet (cased); 6 feet (uncased)

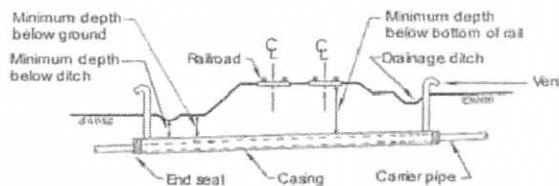


Figure 3: Cased Railroad Crossing

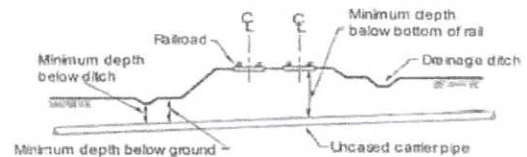


Figure 4: Uncased Railroad Crossing

- 11.2** If the minimum coverage set forth in 11.1 cannot be provided, mechanical protection shall be installed, such as an 8" thick (minimum) steel-reinforced concrete slab along entire right-of-way width.
- 11.3** Rail beds shall not be allowed to cross a pipeline bend.
- 11.4** The project plans must satisfy and meet all the requirements of American Railway Engineering and Maintenance-of-Way Association (AREMA) Chapter 1 Roadway and Ballast, Part 5 Pipelines and API 1102 Steel Pipeline Crossing Railroad Standards.

12.0 Temporary Access Roads and Heavy Equipment Crossings

- 12.1** Plans for the construction of temporary access roads, field roads, and unimproved roads must be submitted to Enterprise for review and approval. The crossing party must provide adequate protection to maintain minimum cover requirements, to limit erosion, and to limit stress on the pipeline. All temporary construction roads must meet stress requirements as determined by Enterprise.
- 12.2** Heavy Equipment Crossings - A representative from Enterprise must approve the crossing at any location where heavy equipment will be crossing the pipeline. The crossing party



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shall furnish the type, size, weight and maximum axle load for any vehicle or heavy equipment proposing to cross Enterprise's right-of-way. Enterprise must be notified a minimum of 3 working days prior to any work commencing so that stress calculations may be performed to ensure the safety of the crossing.

- 12.3 Heavy Equipment/Trucks carrying a maximum axle load of 15,000 lbs. may cross the right-of-way after Enterprise has confirmed a minimum cover of 4 feet over the pipeline.
- 12.4 An Enterprise representative will be present during construction of a temporary access road or heavy equipment crossing.
- 12.5 Construction equipment must cross the pipeline at approved crossing locations only where the cover has been checked by Enterprise and determined to be safe.
- 12.6 Additional cover and/or stabilization (timber mats, steel plate, crushed rock, concrete slab, etc.) may be required, depending on weather, line depth, and type of vehicles proposing to cross the pipeline.

13.0 Waterway Crossings

- 13.1 Rivers, streams, creeks, canals, and drainage ditches crossing over pipelines shall meet or exceed the minimum depth of cover for compliance with current pipeline construction standards and federal, state, and local regulations.
- 13.2 Streams or ditches must have a minimum of 4 feet of cover from the top of the pipe to the bottom of the stream or ditch. Streams and ditches having less than 4 feet of cover must be lined using an approved method and material.
- 13.3 River, creeks and canals shall have a minimum cover of 5 feet, as measured from the top of the pipeline to the waterway bottom/flowline.
- 13.4 Crossings should be at an angle as close to 90 degrees to Enterprise pipelines as possible, but not less than 45 degrees.
- 13.5 Pipelines shall have sufficient weight added to create negative buoyancy, if necessary. This can be achieved by using concrete coating, bolt-on concrete anchors, or mechanical auger anchors.
- 13.6 Enterprise may require that erosion control measures be placed over the pipeline right-of-way to protect the pipeline and control erosion of the pipeline right-of-way.

14.0 Logging Operations

- 14.1 No trees shall be felled on, over, or across Enterprise's right-of-way. No trees or timber shall be stored on said right-of-way. No trees shall be trucked or skidded over or down the right-of-way without first gaining the approval from Enterprise.
- 14.2 The same requirements for heavy equipment crossings as defined in Sections 10, 11, and 12 above shall be followed for any logging operations proposing to work on Enterprise's right-of-way.

15.0 Construction-Induced Vibrations

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- 15.1 Construction activities that generate ground vibrations, including pile driving, sheet driving, soil compaction work, jack hammering, or ramming, shall be reviewed by Enterprise on a case-by-case basis.
- 15.2 If the encroaching party anticipates an activity within 250 feet of the pipeline, then continuous testing monitored by a seismograph located directly over the pipeline at its closest point to the activity must be conducted. The encroaching party shall provide, at their expense, the monitoring service, which must be approved by Enterprise.
- 15.3 The encroaching party shall determine and limit the maximum peak force allowed under continuous seismographic vibration monitoring such that the peak particle velocity will not exceed 2.0 inches per second.

16.0 Seismic Surveying Operations

- 16.1 Third Party planning to conduct seismic surveying operations within 300 feet of Enterprise right-of-way to explore the presence of oil and gas, geothermal energy and other mineral deposits underneath the earth surface shall coordinate with local Enterprise office. Energy sources to generate seismic vibrations generally include dynamites (Shot Hole Drilling), seismic vibrators (Vibroseis trucks) or thumper truck (weight-drop truck).
- 16.2 Seismic operations within 300 feet of the pipeline right-of-way:
 - a. The Third Party must submit a seismic survey plan to Enterprise for review and approval.
 - b. Seismic survey plans, when using Vibroseis trucks to radiate ground vibrations, must include information on soil conditions and depth of exploration, the anticipated number and type of vibrations, type and weight of vehicle, and peak force of equipment.
 - c. The Third Party shall also make arrangements for an Enterprise On-Site Inspector to be present to witness the seismic vibrating operations.
- 16.3 Seismic operations within 100 feet of the pipeline right-of-way:
 - a. Seismic vibrations shall be monitored by a wireline of geophones or detectors located directly over the pipeline at its closest point to the vibrator(s) and measured and recorded in a Seismograph device. The Third Party shall provide, at their expense, the monitoring service contractor which must be approved by Enterprise.
 - b. The Third Party shall determine and limit the maximum peak force allowed under continuous seismographic vibration monitoring such that the peak particle velocity will not exceed 2.0 inches per second.
 - c. Seismic surveys shall not be conducted closer than 25 feet to the pipeline.
 - d. At Enterprise's request, the Third Party shall install sheet piling and/or open trench channels to protect the pipeline during seismic vibrating operations.
- 16.4 In some areas where Vibroseis trucks access is limited due to topography, it may become necessary to generate seismic vibrations by using explosive charges. In case of seismic survey by dynamites, the blasting operations shall be in accordance with federal, state, and local governing agencies and Enterprise Blasting Specification EPCO.STD.9005.

ENCROACHMENT GUIDELINES

17.0 Blasting Operations

- 17.1 Any outside party proposing blasting operations within 250 feet of the pipeline right-of-way, shall submit a comprehensive blasting plan to Enterprise for review and approval. For safety and preservation of Enterprise assets, all blasting operations shall be in accordance with federal, state, and local governing agencies and Enterprise Blasting Specification EPCO.STD.9005. Where discrepancies occur between Enterprise specifications and federal, state, and local governing agencies, the more stringent application shall apply.

18.0 Deviations and Exceptions

- 18.1 Where special circumstances dictate, deviation from these requirements must be formally approved by Enterprise in writing prior to commencement of any excavation, directional drilling, boring, tunneling or other construction activity that may impact the pipeline. Any such deviation must be explained, documented and provided to Enterprise for review and approval.

19.0 One-Call Numbers/National "Call Before You Dig"

- 19.1 Enterprise pipeline systems operate at very high pressures. For safety reasons, qualified company personnel or qualified company representatives need to be on-site, as frequently as necessary, to verify the integrity of the pipeline(s) while work is being performed on company's rights-of-way. No excavation shall occur in the vicinity of Enterprise facilities or within its rights-of-way until proper telephone notification has been made to the appropriate "One-Call" system and an Enterprise representative is on-site to monitor excavation activities. All of the states in which Enterprise conducts pipeline operations have "One-Call" laws, which require 48 to 72 hour notification prior to any construction or maintenance activities across, on, or in the vicinity of certain facilities.
- 19.2 The Secretary of the Department of Transportation has prescribed minimum requirements for establishing and operating a One-Call Notification System for a State to adopt that will notify an operator of a pipeline facility of activity in the vicinity of the facility that could threaten the safety of the facility. Upon notification by an operator of a damage prevention program or by a person planning to carry out demolition, excavation, tunneling, or construction in the vicinity of a pipeline facility, the operator of the facility shall mark accurately, in a reasonable and timely manner, the location of the pipeline facility in the vicinity of the demolition, excavation, tunneling, or construction.
- 19.3 The penalty for not using One-Call Notification System or not heeding location information or markings could result in fine or imprisonment up to five (5) years, or both. The Federally-established phone number for One-Call notification, valid in all 50 States, is 811.

ONE-CALL NOTIFICATION IS FEDERAL LAW.
VIOLATION CAN RESULT IN FINES AND IMPRISONMENT.

Robert Guillot

From: Michael_Parden@oxy.com
Sent: Monday, January 23, 2012 9:19 AM
To: rguillot@eesinc.net
Cc: Leslie_J._Loup@OXY.COM; Gary_P._Kinler@OXY.COM; cduet@mphinc.com
Subject: RE: Luling, LA Utility Crossing

Robert,

The requirements for the 14" Sanitary Sewer Force Main to cross the OxyChem pipeline is to bore no less than 40'-0" below sea level at the location of the crossing. OxyChem standard is 20' separation in pipeline crossings. The original directional drill drawing indicate the pipeline was installed at 17.01' below sea level at the location of crossing. This provides a difference of 23' in the depth between the two pipelines to ensure a safe distance between the pipelines.

OxyChem will provide an onsite representative during the direction drill crossing of the OxyChem pipeline. Please provide at least a one month advance notice of the directional drill to ensure scheduling of the onsite representative.

Michael Parden
Maintenance Engineer II
Occidental Chemical
(985) 783-7290 office
(985) 817-1238 cell

From: Robert Guillot [mailto:rguillot@eesinc.net]
Sent: Wednesday, December 28, 2011 10:18 AM
To: Parden, Michael E
Subject: FW: Luling, LA Utility Crossing

Michael,

We are still trying to acquire property for the attached crossing. Once we acquire the properties we hope to construct the pipeline. We hope to start construction in the first quarter of 2012.

Do I need to submit anything or get a letter of no objection from you guys for the crossing?

Robert P. Guillot Jr.

Robert P. Guillot Jr., PE
Environmental Engineering Services, Inc
610 Belle Terre Blvd
LaPlace, LA 70068
985-653-0185

From: Robert Guillot [mailto:rguillot@eesinc.net]
Sent: Wednesday, August 17, 2011 8:16 AM
To: 'michael_parden@oxy.com'
Subject: Luling, LA Utility Crossing

Michael,

1/23/2012



Shell Pipeline Company LP
701 Poydras Street, Suite 1046
New Orleans, LA 70139

SHELL PIPELINE COMPANY LP

GENERAL REQUIREMENTS FOR CROSSING SHELL PIPELINES WITH PIPELINES/ROADS/UTILITY LINES

GOM REGION

We appreciate the opportunity to work with you and your company in the early planning stages of your development activity.

Working together and following our pipeline safety requirements will help:

- Protect the safety of your employees, the environment and the surrounding community.
- Reduce the risk of damage to our pipeline and related facilities.
- Ensure an adequate work area for future pipeline maintenance and/or repair work.
- Enable effective corrosion protection for our pipeline.
- Minimize any conflicts that may arise.

To assist in this effort, project scope along with construction drawings should be submitted to Shell for our comment/approval before any construction over or around our pipeline commences. This includes the design and construction of temporary roads or work pads where equipment is to operate or cross over the pipeline. Plans should include the three phone numbers listed in item #11 below and have a printed reminder to notify Shell at least 48-hours prior to commencement of work near the pipeline.

AT NO COST TO THE CONTRACTOR, A SHELL REPRESENTATIVE WILL ERECT TEMPORARY FLAGS MARKING THE PIPELINE LOCATION AND SHALL BE PRESENT DURING ALL ACTIVE WORK PERIODS AS DEFINED IN ITEM #12 BELOW TO OBSERVE EXCAVATION OR OTHER CONSTRUCTION ACTIVITIES NEAR THE PIPELINE.

ANY WORK PERFORMED NEAR THE PIPELINE WITHOUT THE PRESENCE OF A SHELL REPRESENTATIVE WILL NECESSITATE THAT THE PIPELINE BE EXPOSED FOR INSPECTION AND NEEDED REPAIRS PERFORMED AT THE CONTRACTOR'S OR RESPONSIBLE PARTY'S COST.

DESIGN AND CONSTRUCTION

1. **ALL PIPELINES, UTILITY LINES** and other underground facilities constructed across a Shell Pipeline Company LP ("Shell") owned or operated pipeline ("Shell Pipeline") must be installed with a minimum vertical separation of 24 inches between structures. All facilities crossing a Shell pipeline shall be made of, or encased in, steel pipe with threaded or welded joints the entire width of Shell's right of way. Horizontal separations will be determined on a case-by-case basis. Electrical conduit and cables are excluded (please refer to paragraph 2). All work and cleanup will be conducted in a manner acceptable to Shell's on-site representative.
2. **ALL UNDERGROUND ELECTRICAL CABLES** shall be installed with a minimum vertical separation of 24 inches between structures with all plans, work and cleanup conducted in a manner acceptable to Shell's on-site representative. The electrical cable must be enclosed in conduit (steel or Schedule 80 PVC). It should be covered with **red** reinforced concrete with a minimum width of 6 inches on each side and above the conduit, for the entire width of Shell's right of way.
3. **ALL UNDERGROUND FIBER OPTIC CABLES** shall be installed with a minimum vertical separation of 24 inches between structures with all plans, work and cleanup conducted in a manner acceptable to Shell's on-site representative. Horizontal separations will be determined on a case-by-case basis. In addition, the fiber optic cable must be enclosed in conduit (steel or Schedule 80 PVC).
4. **ALL PROPOSED ROADS, STREETS, OR DRIVEWAYS** shall be constructed with a minimum cover of 48 inches, including the sub-grade, as measured from the top of the Shell pipeline to the bottom of the pavement (road, street, or driveway). If a Shell pipeline will require adjustment to accommodate a roadway, street or driveway crossing, the cost of any such lowering or relocation shall be borne by the party or parties requesting the adjustment. With each request involving roads, streets or driveways, Shell will reserve the right to excavate to expose and inspect its pipeline(s) to determine the need for pipe replacement, full encasement, or heavy wall pipe. The cost of this activity will be at the expense of the requesting party.

PIPELINE MINIMUM COVER REQUIREMENTS

1. 48 inches from bottom of pavement under a road, street, or driveway.
2. 36 inches under all other surfaces within the right of way.

General Requirements for Crossing Shell's Pipelines

5. **ALL ROAD DITCH AND DRAINAGE CANAL/DITCH** crossings shall be constructed with a minimum cover, and measured from the lowest point in road bar ditch, to the top of pipe, as follows:

1. Concrete lined – 12 inches.
2. Unlined – 36 inches.

Any drainage canals shall be constructed with a minimum of 60 inches of cover below the ultimate flow line.

6. **ALL PAVING** (other than for road, driveway or street crossings of a Shell pipeline, e.g., parking lot) to be constructed over a Shell pipeline shall (a) be reinforced, (b) not exceed 4 inches in thickness, (c) be sectioned in 10 foot by 15 foot panels (15' dimension shall be perpendicular to the pipeline) with appropriate expansion joints, (d) contain lifting rings, and (e) conform to the minimum cover requirements stipulated above.

Shell shall have the right to cut and remove any pavement or other surface structures now or hereafter located over or across a Shell pipeline, without any obligation to repair, replace, resurface or dispose of removed material, for the purpose of exercising any rights granted to Shell under the pipeline rights of way and easements.

7. **TEMPORARY (HAUL) ROAD** crossings shall be constructed with a minimum ground cover (as measured from the surface of the road to the top of the pipeline) of five (5) feet. A temporary earthen berm may be constructed to meet this requirement. Where it is necessary for heavy equipment to cross the pipeline, additional measures may be needed to effectively distribute the weight of such equipment, for example, installing additional cover, timber matting and/or a temporary bridge for passage over the pipeline.
8. **LAKES OR OTHER BODIES OF WATER** shall not be constructed over the pipeline or within the boundaries of the pipeline easement. Additionally, the surface cannot be developed or changed in any way that would cause rainwater or runoff to collect on the pipeline right-of-way.
9. **DIRECTIONAL DRILLING OR BORING** shall require additional damage prevention measures, whether installing a crossing or otherwise conducting such operations within twenty (20) feet of the pipeline. It is Shell's option whether peepholes or sheet piling be installed to an elevation lower than the pipeline, before drilling/boring to help ensure its protection. Shell requires continuous tracking of the drilling head as well as using a physical technique (such as probing) to ascertain the exact location of the head before it crosses the Shell

General Requirements for Crossing Shell's Pipelines

pipeline. Shell may also require that the pipeline be exposed when near drill/bore entry or exit points.

10. If Shell determines it is necessary to lower, encase or otherwise adjust a Shell pipeline because of the landowner's (developer, etc.) construction activity, the landowner or developer shall reimburse Shell for the cost of lowering, encasement or other adjustment.

COMMUNICATION AND ADDITIONAL REQUIREMENTS

11. Please notify **Barney Callahan**, Maintenance Supervisor, at **225-746-2450**, cell-**225-445-6870** of Shell's Maintenance Department in **St. James, LA** at least 48 hours prior to commencing any excavating or construction activity in the vicinity of any Shell pipeline. Excavators are required by law to contact the appropriate One-Call Center for their state. In **Louisiana**, call **Louisiana One Call**, at **811** or **1-800-272-3020** prior to commencing excavation or other such construction activity, which may impact an underground utility. If you are unable to contact the above Shell representative, contact the Pipeline Control Center, and the information will be relayed.

Pipeline Control Center

24 Hours

1-800-852-7614

12. No excavating or other construction activity that could impact the pipeline (e.g., directional drilling, boring, sheet piling, setting trench boxes, etc.) shall be conducted within ten (10) feet of any Shell pipeline in the absence of a Shell representative. Notice shall be given to Shell at least forty-eight (48) hours prior to commencing each occurrence of construction activity within ten (10) feet of any Shell pipeline.
13. Any contractor, developer, etc., planning blasting operations within 500 feet of any Shell Pipeline shall submit a blasting plan to Shell for approval. This plan will include hole depth, diameter, spacing, burden, delay times, maximum charge weight per delay, sequence, explosive type and blast zone location relative to the Shell pipeline. Under NO circumstances will blasting or seismic shot holes be allowed within one hundred (100) feet of any Shell pipeline.
14. No signs, monuments, building, structures, manholes, shrubbery, or trees shall be located within a Shell right of way and easement area so that the pipeline can be maintained without damaging these structures or being impeded by them.

General Requirements for Crossing Shell's Pipelines

15. No excavations shall be made on land adjacent to any Shell pipeline which will in any way impair, withdraw lateral support, cause subsidence, create the accumulation of water, or cause damage to the Shell pipeline or right of way.
16. No fence shall be placed across a Shell right of way without written permission from Shell. If fences are permitted, 14-foot gates must be installed on the right of way.
17. Side cutters shall be removed from the bucket of excavation equipment, and a bar shall be installed across the teeth during excavation in the vicinity of any Shell Pipeline.
18. No paving is to be placed over any Shell right of way without written permission from Shell.
19. Any damage to existing Shell Pipeline markers and/or signs, test leads, vent pipes, fences, gates and/or any other associated pipeline apparatus resulting from any construction operations shall be repaired to Shell's satisfaction or replaced at the sole cost and expense by the damaging party within 15 days after the damage has occurred.
20. All written requests should be supported with plans and forwarded to:

Shell Pipeline Company LP

ATTN: Jamie J. Honses, Land Agent

Phone: **504-728-4340**

FAX: **504-728-7561**

Physical	701 Poydras, Suite 1046	Mailing	P.O. Box 52163
Address:	New Orleans, LA 70139	Address:	New Orleans, LA 70152

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APPENDIX B

Other Permit Requirements



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

NOV 04 2011

Operations Division
Surveillance and Enforcement Section

Mr. Thomas K. Brown
Biological Surveys, Inc.
P.O. Box 94
Mandeville, Louisiana 70470

Dear Mr. Brown:

Reference is made to your request, submitted on behalf of St. Charles Parish, for a U.S. Army Corps of Engineers' (Corps) jurisdictional determination on a project area located in Section 9, Township 13 South, Range 21 East, and Sections 87, 96, 119, and 120 in St. Charles Parish, Louisiana (enclosed map). Specifically, this project is identified as a 1.5-mile reach of a sewer force main north of LA Hwy 631 and East of I-310.

Based on review of recent maps, aerial photography, soils data, and information provided with your request, we have determined that this project area is not in a wetland subject to Corps' jurisdiction. However, a Department of the Army (DA) permit under Section 404 of the Clean Water Act will be required if you propose to deposit dredged or fill material into other waters of the US (shown in blue on the map) in the project area.

We have reviewed your project, as proposed, and determined that a DA permit under Section 404 of the Clean Water Act will not be required. Therefore, we are returning your application. It is our understanding that all water crossings will be directionally drilled. Any changes or modifications to the proposed project will require a revised determination.

You and your client are advised that this approved jurisdictional determination is valid for a period of 5 years from the date of this letter unless new information warrants revision prior to the expiration date or the District Commander has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.

Should there be any questions concerning these matters, please contact Mr. Bill Nethery at (504) 862-1267 and reference our Account No. MVN 2011-02432-SQ. The New Orleans District Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please complete and return the enclosed Customer Service Survey.

Sincerely,

Pete J. Serio
Chief, Regulatory Branch

Enclosures



DIRECTIONAL DRILL:

DIRECTIONAL DRILL -

Match Line

STATION 1

STATION 26+00
STATION 27+00
STATION 28+00
STATION 29+00

BEGIN FORCE MAIN

DRAWINGS

USACE

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STATION 01+00

STATION 02+00

STATION 03+00

STATION 04+00

STATION 05+00

STATION 06+00

STATION 07+00

STATION 08+00

STATION 09+00

STATION 10+00

STATION 11+00

STATION 12+00

STATION 13+00

STATION 14+00

STATION 15+00

STATION 16+25

HICKORY ST.

USACE

FSV / IH

Botanist: William Nethery

Requestor: Tom Brown / Julie Hebert

MVN- 2011-02432-50

☐ - NON-WETLAND

Waters of the US (404

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Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
610 BELL TOWER Bldg.
LABACE, LA 70008
PHONE (504) 533-0125

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DRAWING INDEX

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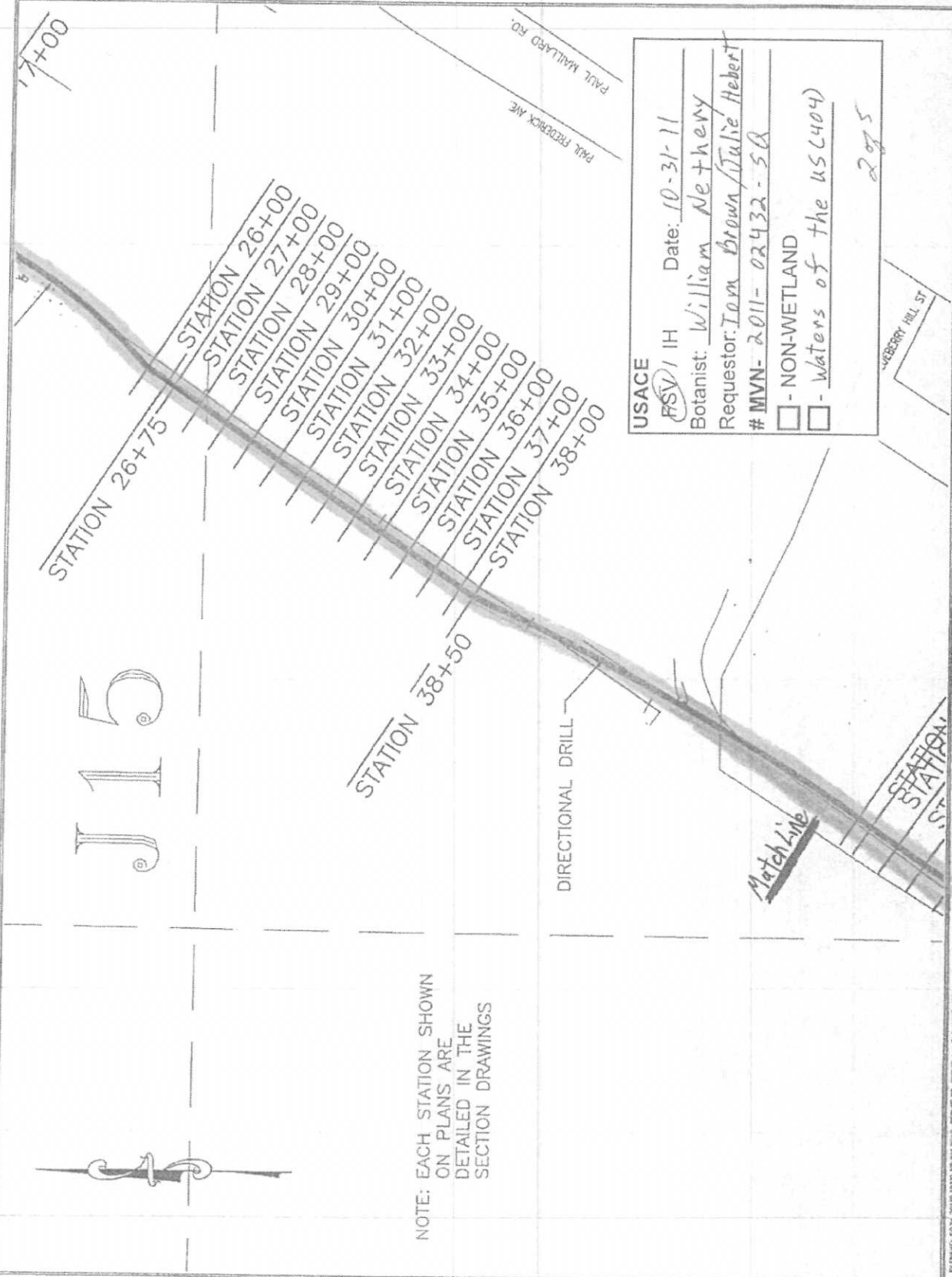
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ST. CHARLES PARISH, LOUISIANA

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BY	W. Nethery
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ST. CHARLES PARISH
AND FORCE MAIN
UPGRADE TO ASHTON PUMP STATION
ST. CHARLES PARISH, LOUISIANA

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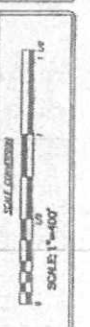
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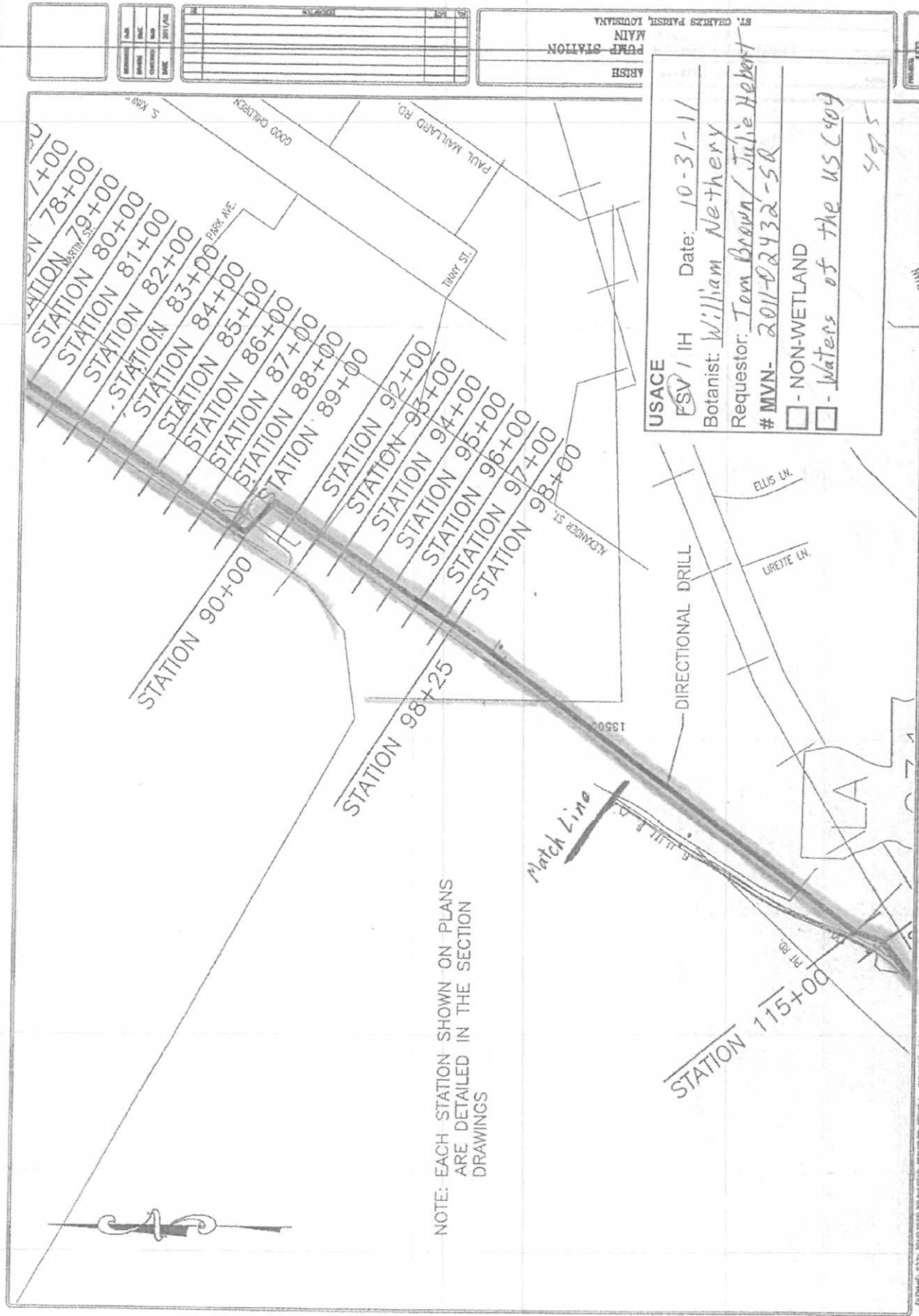
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Botanist: William Nethery
Requestor: Tom Brown/Talib Hebert
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☐ - Waters of the US (404)
2 of 5

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CONSULTING ENGINEERS
615 BELLE MEADE AVE.
SUITE 100
LAKE CHARLES, LA 70601
TEL: (504) 483-1144
FAX: (504) 483-1145





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Botanist: William Nethery
Requestor: Tom Brown / Julie Hebert
MVN- 2011-02432-50
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☐ - Waters of the US C404
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ST. CHARLES PARISH, LOUISIANA

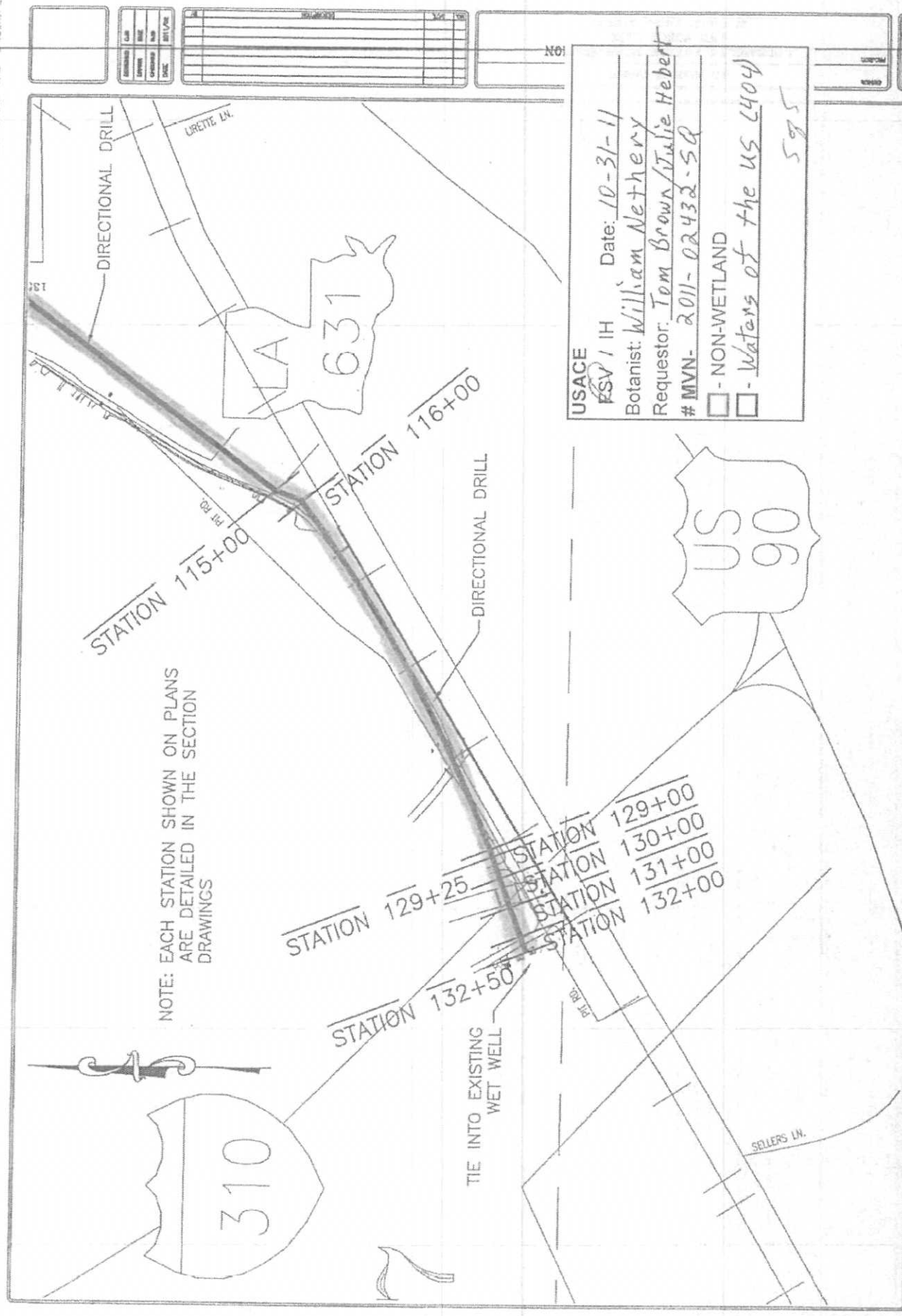
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BY	W. NETHERY
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DATE	

Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
110 S. MAIN ST.
LAKE CHARLES, LA 70601
TEL: (504) 835-2112

PROJECT: 2011-02432-50
SHEET: 1 OF 1
SCALE: 1"=100'

DRAWING INDEX

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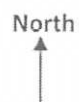


USACE
 FSV / IH Date: 10-31-11
 Botanist: William Nethery
 Requestor: Tom Brown/Julie Hebert
 # MVN- 2011-02432-SQ
☐ - NON-WETLAND
☐ - Waters of the US (404)
 595

Environmental Engineering Services, Inc.
 CONSULTING ENGINEERS
 11401 E. 11th Ave.
 Suite 100
 Aurora, CO 80012
 Tel: (303) 435-1188

DRAWING INDEX

105



Vicinity Map

Ashton Booster Force Main Installation St. Charles Parish, Louisiana

Ashton F/M Start: Lat: 29° 55'31.38"; Long: -90° 22'36.34"
 Boutte P/S: Lat: 29° 54'41.30"; Long: -90° 23'14.73"
 80 Arpent P/S: Lat: 29° 54'17.60"; Long: -90° 23'32.38"
 Ashton F/M End: Lat: 29° 53'48.77"; Long: -90° 24'04.11"







DATE	DESCRIPTION	BY	CHK

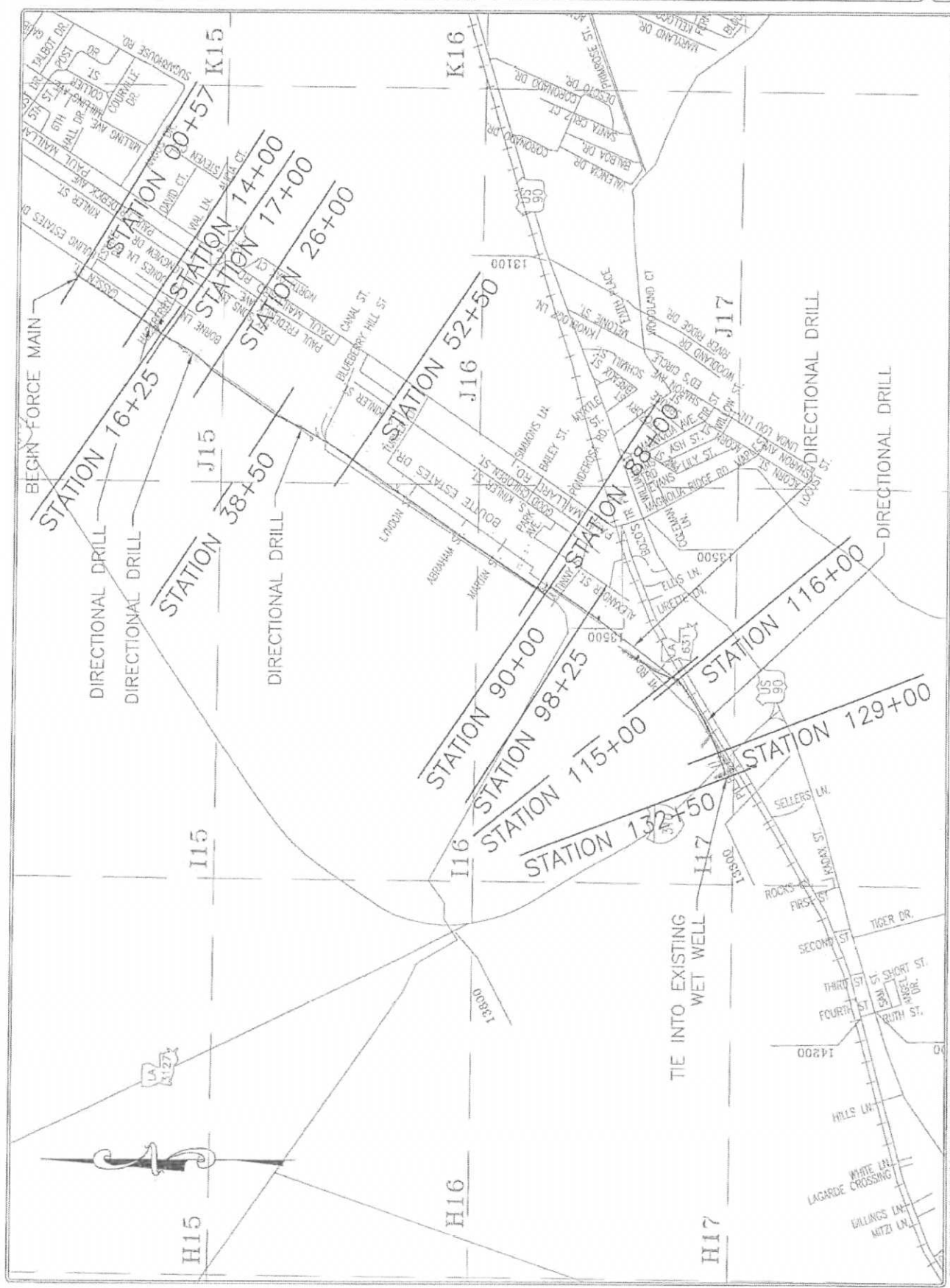
ST. CHARLES PARISH
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 UPGRADE TO ASHTON PUMP STATION
 ST. CHARLES PARISH, LOUISIANA

PROJECT 1132
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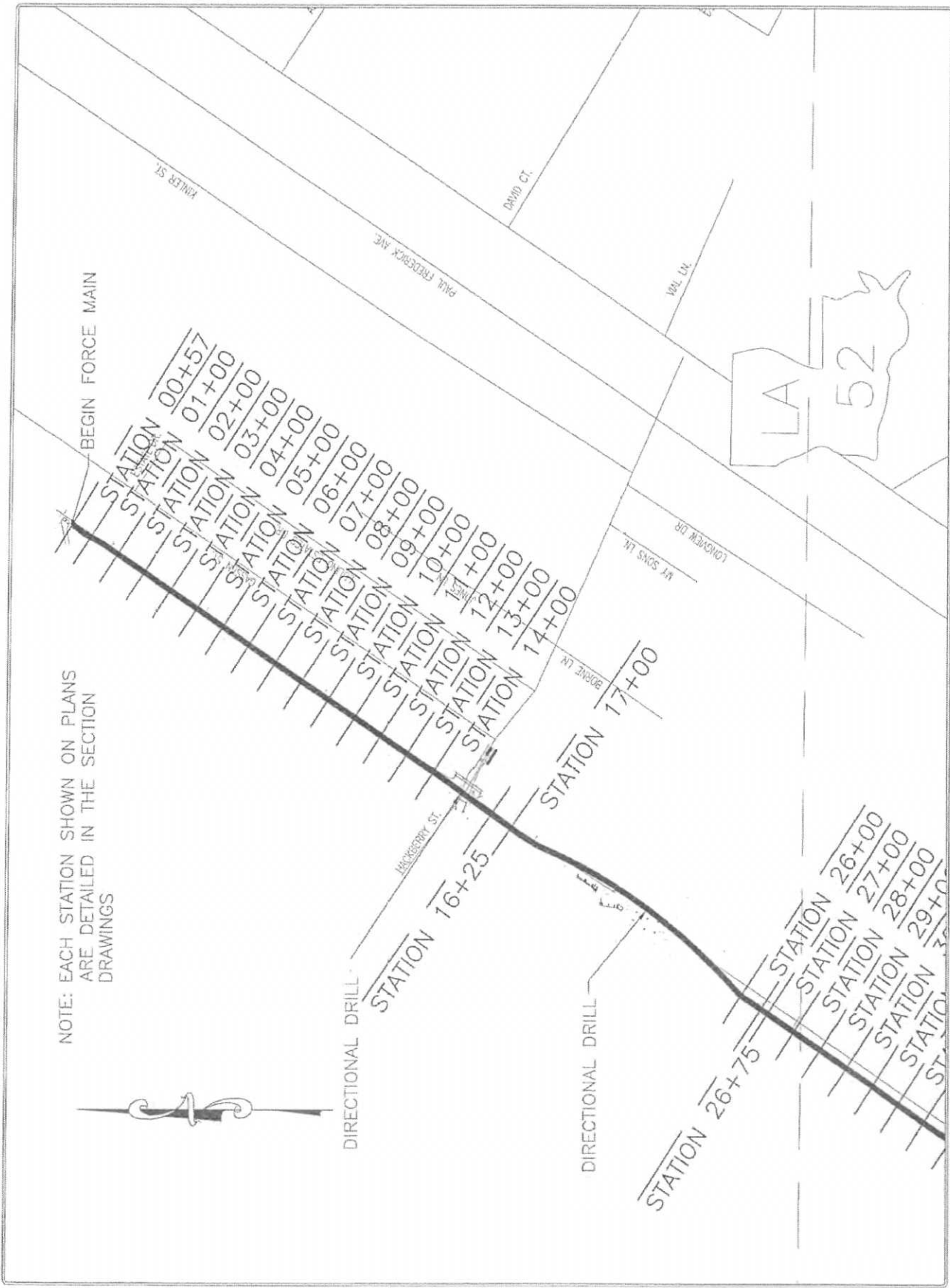
Environmental Engineering Services, Inc.
 CONSULTING ENGINEERS
 810 BELLE MEUSE BLVD.
 SUITE 100
 NEW ORLEANS, LA 70112
 PHONE (504) 835-1145
 FAX (504) 835-1142



REVISIONS	DATE	BY	CHKD

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 ST. CHARLES PARISH, LOUISIANA
 UPGRADE TO ASHTON PUMP
 AND FORCE MAIN

SHEET:
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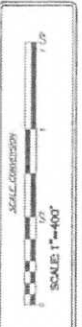


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Environmental Engineering Services, Inc.
 CONSULTING ENGINEERS
 510 BELLE MEADE BLVD.
 SUITE 100
 DALLAS, TEXAS 75243
 (214) 343-1111
 FAX (214) 343-1112



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DIRECTIONAL DRILL

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PAUL FREDERICK AVE.

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BLUEBERRY HILL ST

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ST. CHARLES PARISH
UPGRADE TO ASHTON PUMP STATION
AND FORCE MAIN
ST. CHARLES PARISH, LOUISIANA

PROJECT
1132

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EES



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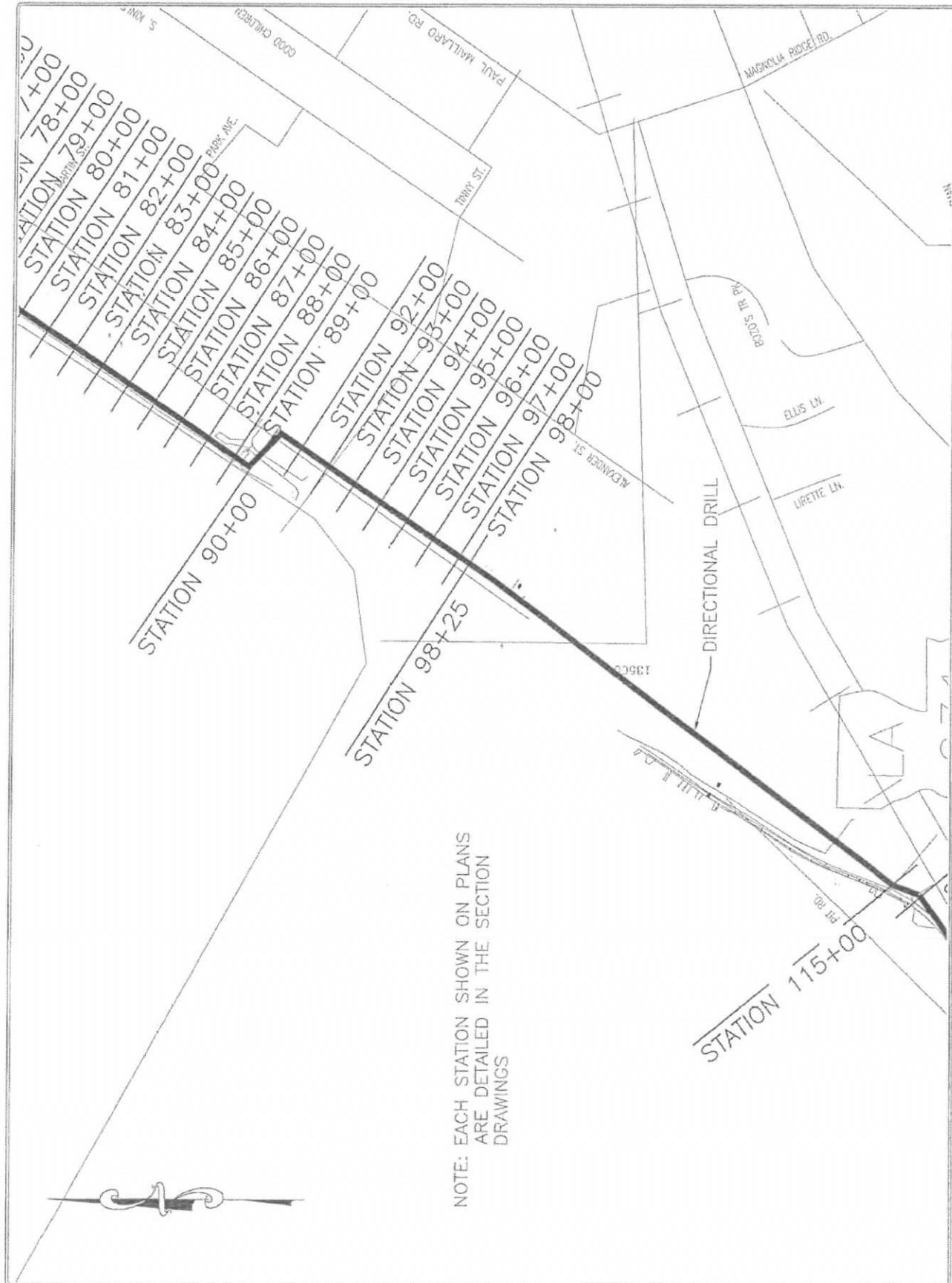
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AND FORCE MAIN
ST. CHARLES PARISH, LOUISIANA

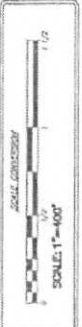
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CONSULTING ENGINEERS
810 N. 11th St., Suite 100
Baton Rouge, LA 70802
Phone: (504) 383-7100
Fax: (504) 383-7102



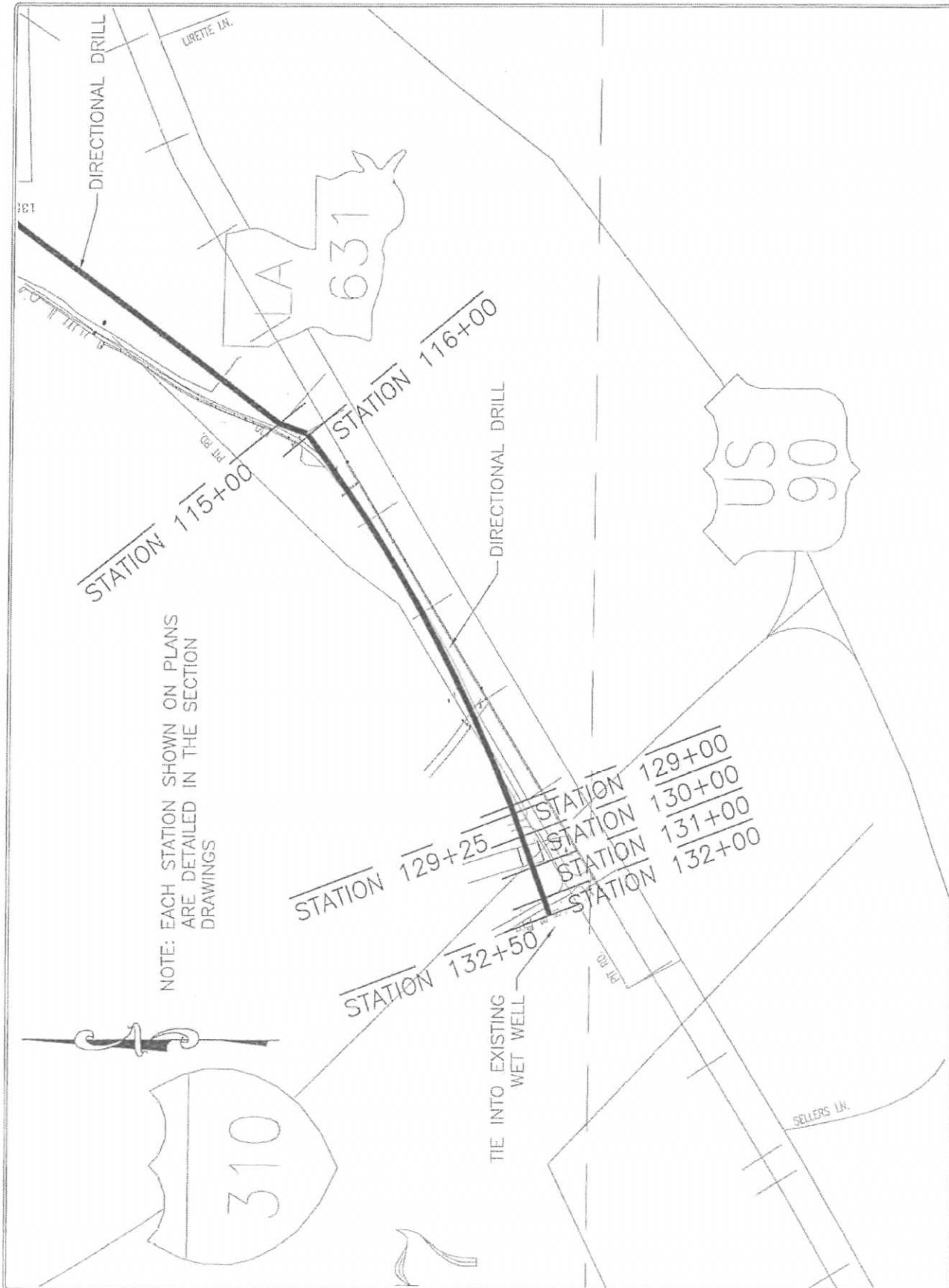
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DATE	BY	CHKD	DATE	BY

NO.	DATE	DESCRIPTION

PROJECT	ST. CHARLES PARISH, LOUISIANA
CLIENT	ST. CHARLES PARISH
DESCRIPTION	UPGRADE TO ASHTON PUMP STATION AND FORCE MAIN

SHEET	105
PROJECT	11-22

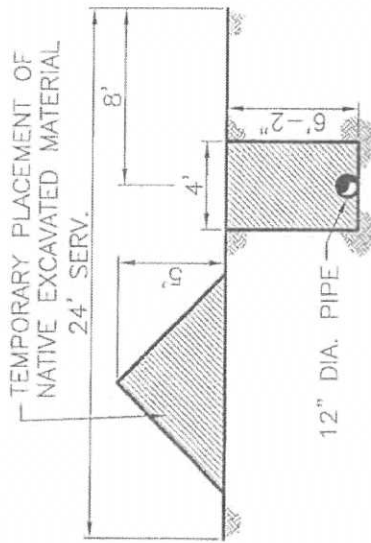


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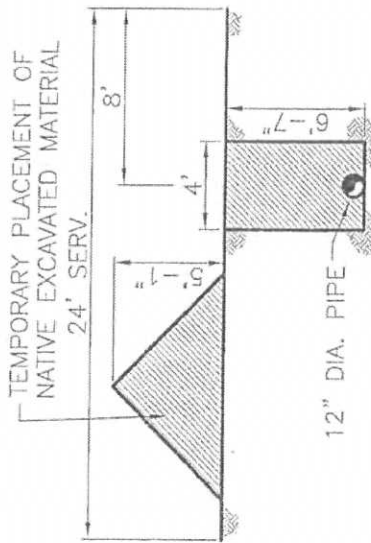
DRAWING INDEX

Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
1000 N. RIVER ST.
SUITE 100
BAY LAFAYETTE, LA 70508
(504) 833-0100
FAX (504) 833-0101

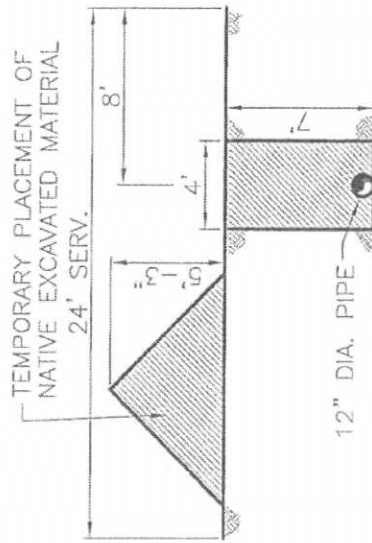




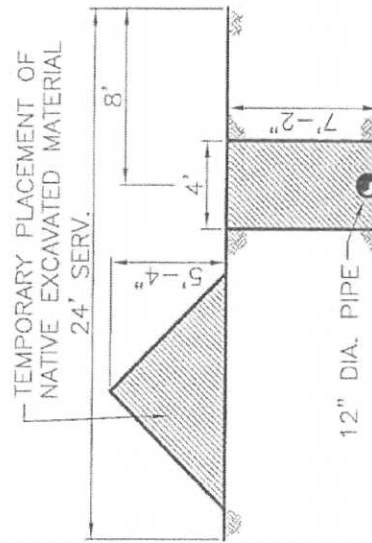
TYPICAL EXCAVATION SECTION
STATION 00+57 TO STATION 02+00



TYPICAL EXCAVATION SECTION
STATION 02+00 TO STATION 03+00



TYPICAL EXCAVATION SECTION
STATION 03+00 TO STATION 04+00

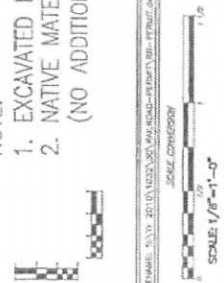


TYPICAL EXCAVATION SECTION
STATION 04+00 TO STATION 05+00

NATIVE
MATERIAL

NOTE:

- EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
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Environmental Engineering
CONSULTING ENGINEERS

Environmental Engineering Services, Inc.
101 BELLAIR BLVD.
SUITE 100
HOUSTON, TEXAS 77025
TEL: (713) 865-2100
FAX: (713) 865-2102

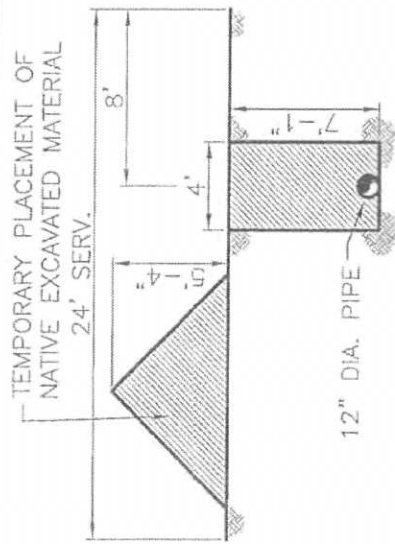
SECTIONS FOR FIRST TRENCH

101

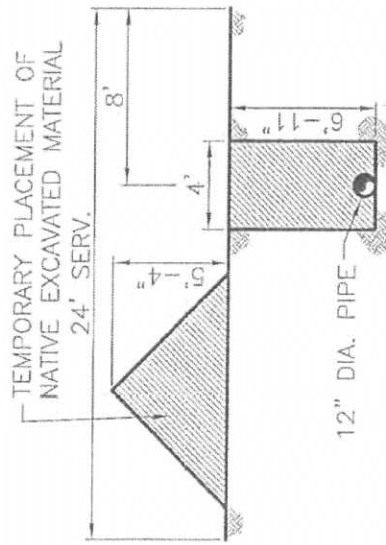
PROJECT: 1132

ST. CHARLES PARISH
UPGRADE TO ASHTON PUMP
STATION AND FORCE MAIN
ST. CHARLES PARISH, LOUISIANA

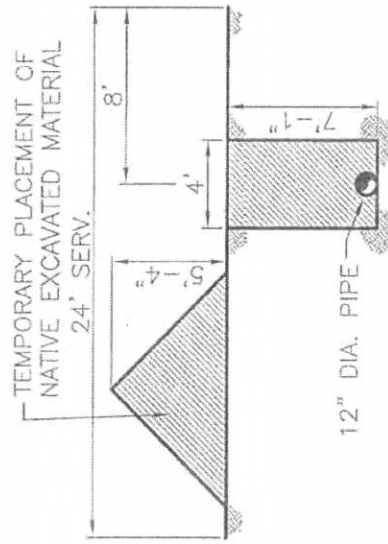
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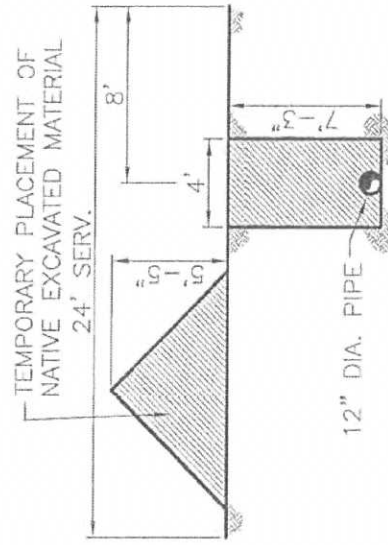
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STATION 05+00 TO STATION 06+00



TYPICAL EXCAVATION SECTION
STATION 06+00 TO STATION 08+00



TYPICAL EXCAVATION SECTION
STATION 08+00 TO STATION 09+00

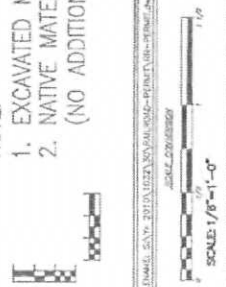


TYPICAL EXCAVATION SECTION
STATION 09+00 TO STATION 10+00

 NATIVE MATERIAL

NOTE:

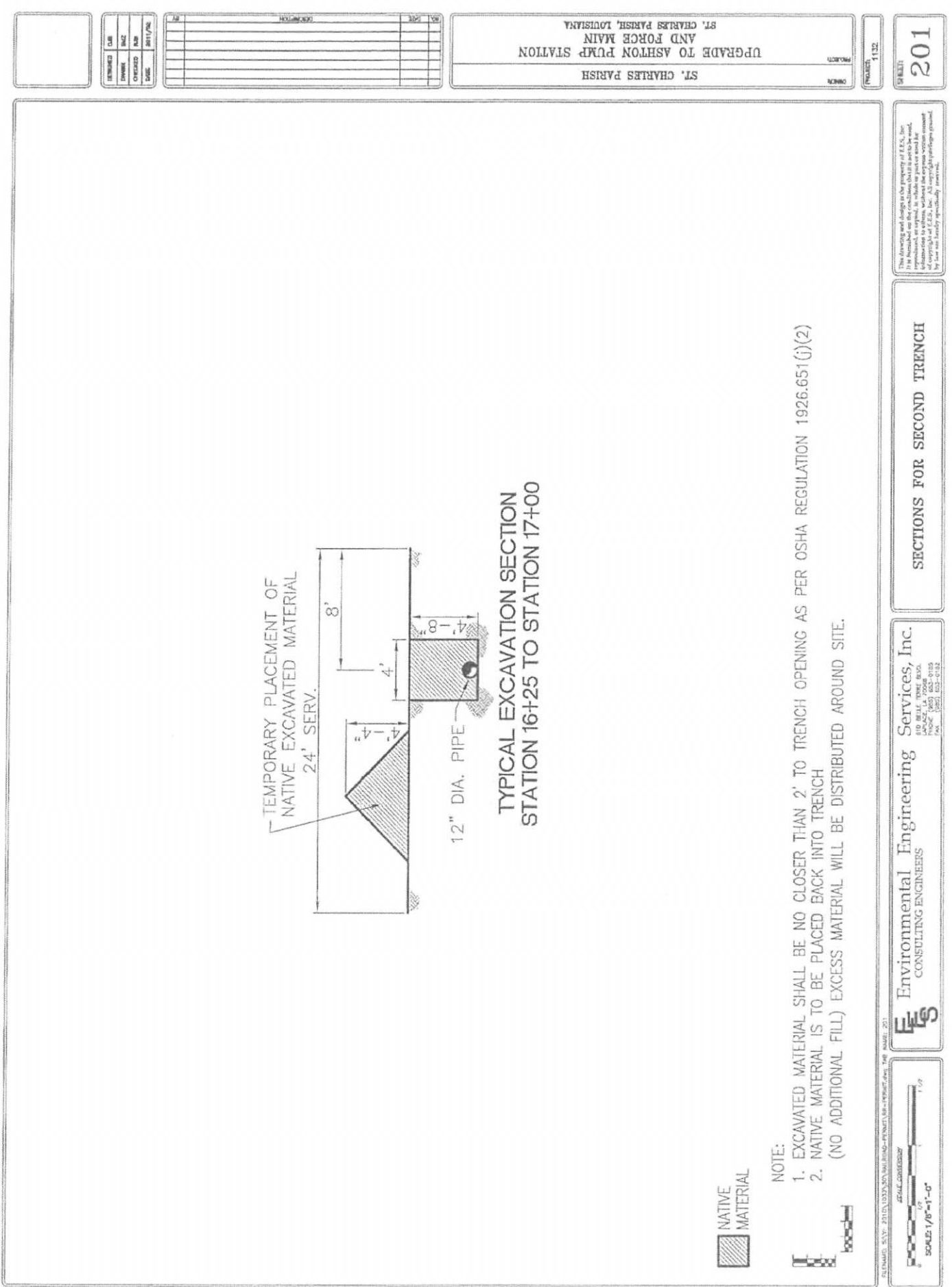
1. EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
2. NATIVE MATERIAL IS TO BE PLACED BACK INTO TRENCH
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EECS Environmental Engineering
CONSULTING ENGINEERS
Services, Inc.
515 BELLE TERRE BLVD.
LAUREL, LA 70608
PHONE (601) 953-0186
FAX (601) 953-0182

SECTIONS FOR FIRST TRENCH

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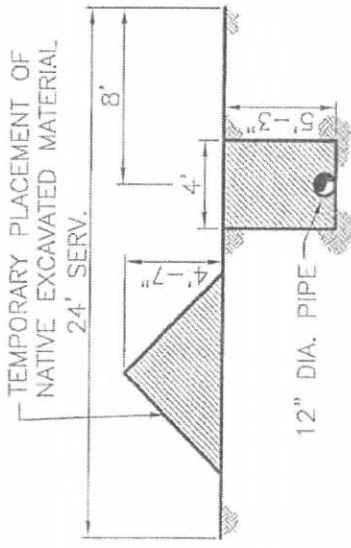


ST. CHARLES PARISH		PROJECT	
UPGRADE TO ASHTON PUMP STATION		ST. CHARLES PARISH, LOUISIANA	
DESIGNED	DATE	PROJECT	11/12
DRAWN	DATE	PROJECT	11/12
CHECKED	DATE	PROJECT	11/12
DATE	DATE	PROJECT	11/12

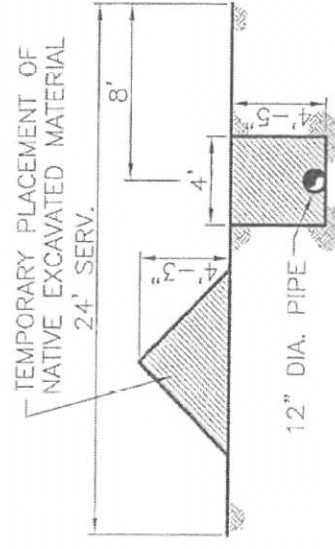
201

SECTIONS FOR SECOND TRENCH

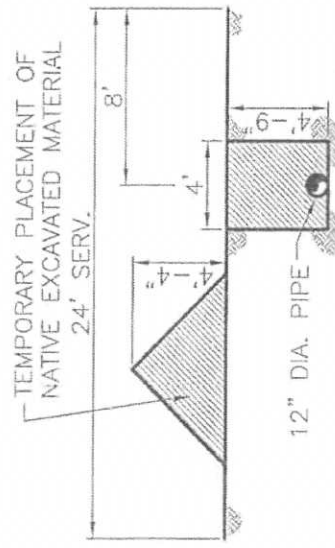
Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
810 BELLE MEUSE BLVD.
LAKE CHARLES, LA 70601-0100
PHONE: (504) 833-0132
FAX: (504) 833-0132



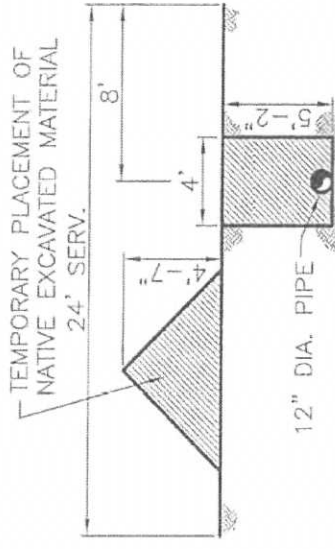
TYPICAL EXCAVATION SECTION
STATION 26+00 TO STATION 26+75



TYPICAL EXCAVATION SECTION
STATION 26+75 TO STATION 27+00



TYPICAL EXCAVATION SECTION
STATION 27+00 TO STATION 28+00

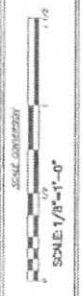
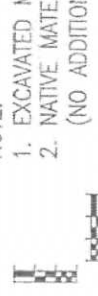


TYPICAL EXCAVATION SECTION
STATION 28+00 TO STATION 29+00



NOTE:

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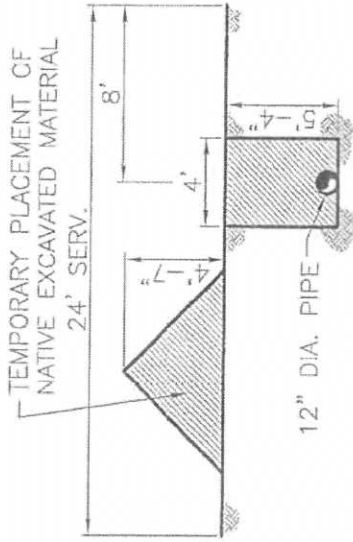


EES Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
415 BELLAIR AVE. SUITE 200
LAKE CHARLES, LA 70601
PHONE (504) 485-1122
FAX (504) 485-1122

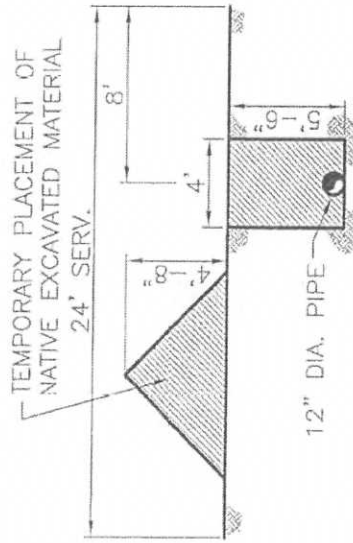
SECTIONS FOR THIRD TRENCH

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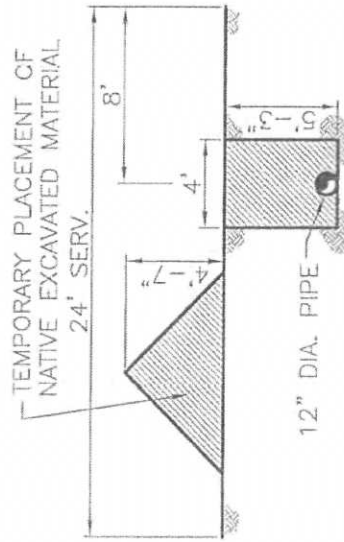
ST. CHARLES PARISH UPGRADE TO ASHTON PUMP STATION AND FORCE MAIN ST. CHARLES PARISH, LOUISIANA		NO. 1132
DATE	10/1/02	
DESIGNED BY	CHKD BY	
DRAWN BY	APP. BY	
DATE	10/1/02	



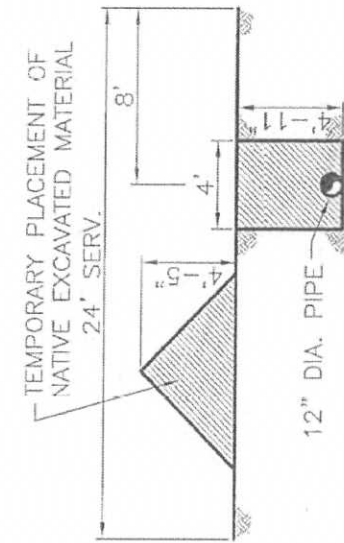
TYPICAL EXCAVATION SECTION
STATION 29+00 TO STATION 31+00



TYPICAL EXCAVATION SECTION
STATION 31+00 TO STATION 32+00



TYPICAL EXCAVATION SECTION
STATION 32+00 TO STATION 33+00



TYPICAL EXCAVATION SECTION
STATION 33+00 TO STATION 34+00



NOTE:

- EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
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EES Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
810 N. 11TH ST., SUITE 100
DALLAS, TEXAS 75202
(214) 742-1111
FAX (214) 742-1112

SECTIONS FOR THIRD TRENCH

302

ST. CHARLES PARISH
UPGRADE TO ASHTON PUMP STATION
AND FORCE MAIN
ST. CHARLES PARISH, LOUISIANA

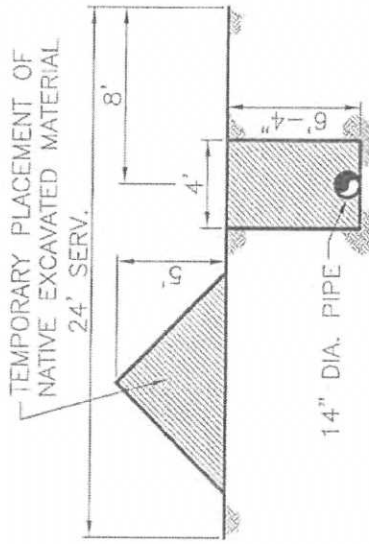
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DRAWN	RC
CHECKED	MB
DATE	01/1/02

NO.	1
DATE	01/1/02
BY	MB
CHK	RC
APP	MB
DATE	01/1/02

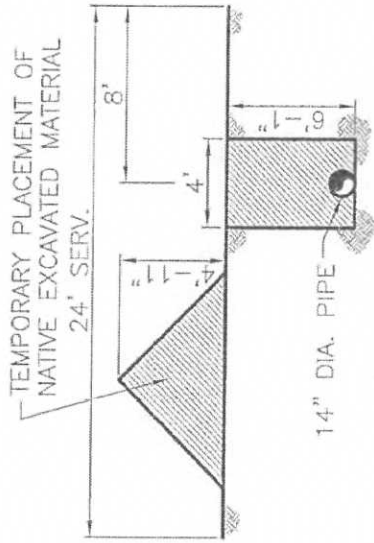
STATION 29+00 TO STATION 31+00

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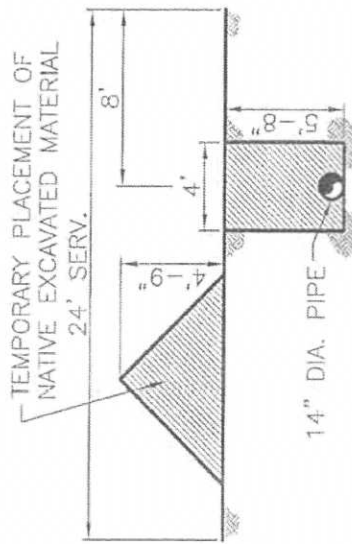
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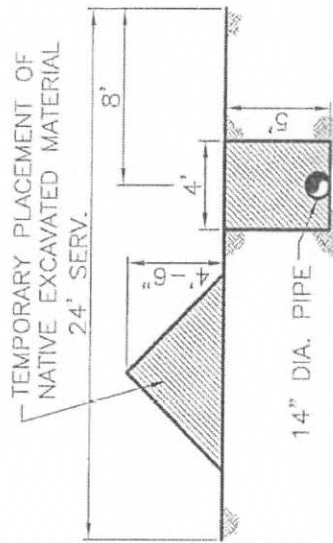
TYPICAL EXCAVATION SECTION
STATION 52+50 TO STATION 53+00



TYPICAL EXCAVATION SECTION
STATION 53+00 TO STATION 54+00



TYPICAL EXCAVATION SECTION
STATION 54+00 TO STATION 55+00

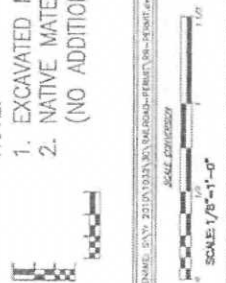


TYPICAL EXCAVATION SECTION
STATION 55+00 TO STATION 56+00

NATIVE
MATERIAL

NOTE:

- EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
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FILENAME: S:\71\1325\ASHTON\ROAD-TRENCH.DWG DATE: 03/11/03



Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
810 BILE TOWN RD.
LAFAYETTE, LA 70508-1895
PHONE: (504) 833-5152
FAX: (504) 833-5152

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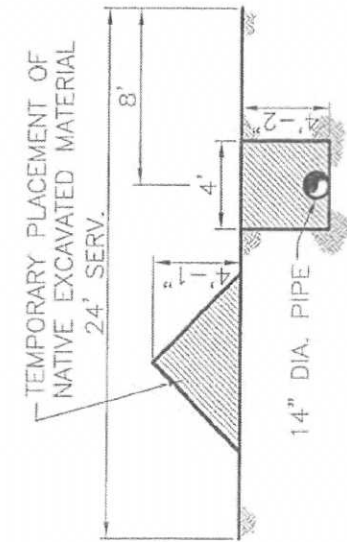
PROJECT: 1132

SHEET: 401

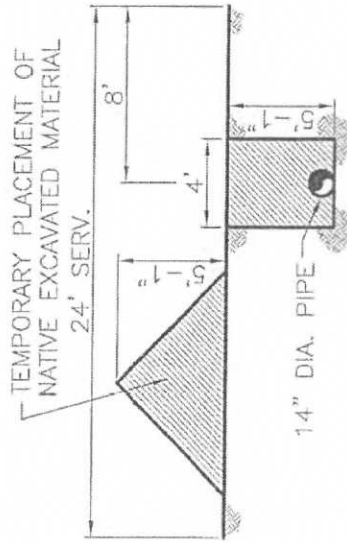
ST. CHARLES PARISH
AND FORCE MAIN
UPGRADE TO ASHTON PUMP STATION
ST. CHARLES PARISH, LOUISIANA

DESIGNED	DATE
DRAWN	DATE
CHECKED	DATE
DATE	2011/11/11

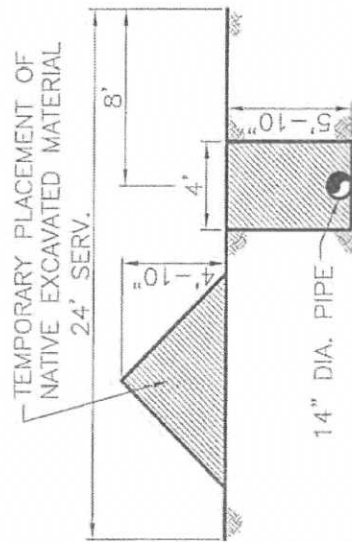
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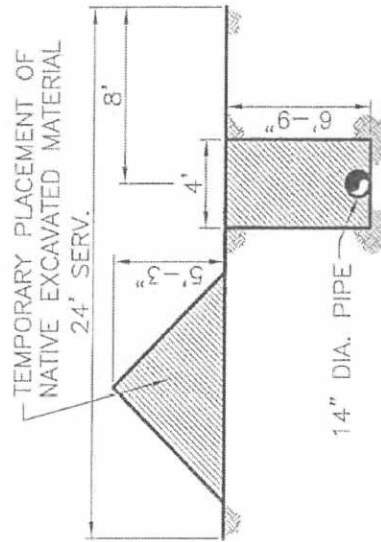
TYPICAL EXCAVATION SECTION
STATION 56+00 TO STATION 58+00



TYPICAL EXCAVATION SECTION
STATION 58+00 TO STATION 59+00



TYPICAL EXCAVATION SECTION
STATION 59+00 TO STATION 60+00

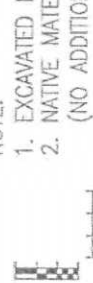


TYPICAL EXCAVATION SECTION
STATION 60+00 TO STATION 61+00

 NATIVE MATERIAL

NOTE:

1. EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
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FILENAME: S:\V 2010\1032\361\346 253D-147\1473 001-38 1047.dwg 13.0 3/14/07 4:07

பயிற்சி

Environmental Engineering
CONSULTING ENGINEERS

Services, Inc.
810 BOLL TIERE BLVD.
LAUREL, LA 70058
PHONE (504) 833-0185

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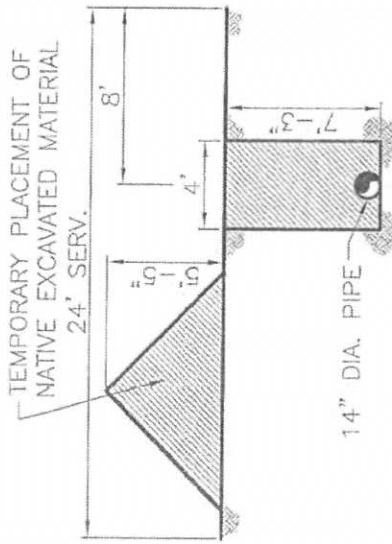
PROJECT 1132

402

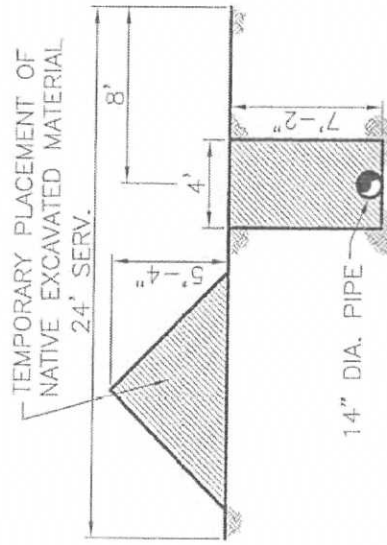
ST. CHARLES PARISH
UPGRADE TO ASHTON PUMP STATION
AND FORCE MAIN
ST. CHARLES PARISH, LOUISIANA

DISCHARGED	GAS
EXHAUST	INLET
CHARGED	INLET
DATE	10/11/2022

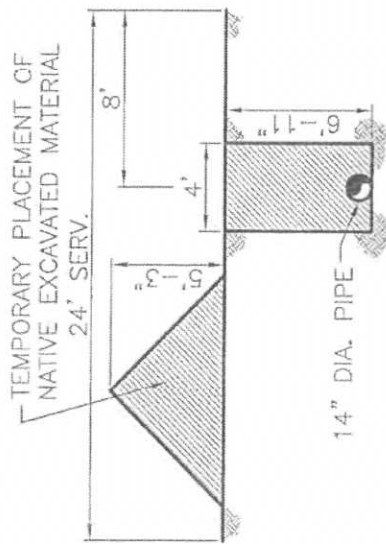
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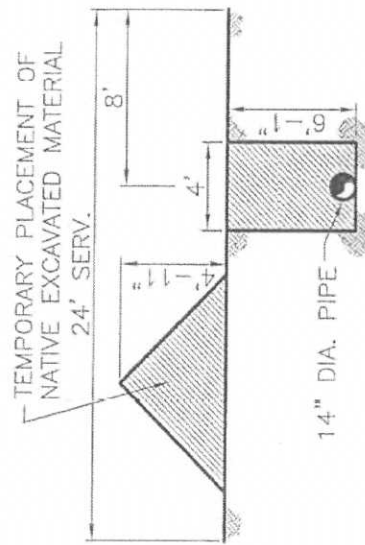
TYPICAL EXCAVATION SECTION
STATION 61+00 TO STATION 62+00



TYPICAL EXCAVATION SECTION
STATION 62+00 TO STATION 63+00



TYPICAL EXCAVATION SECTION
STATION 63+00 TO STATION 64+00



TYPICAL EXCAVATION SECTION
STATION 64+00 TO STATION 65+00



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CONSULTING ENGINEERS

Environmental Engineering Services, Inc.
P.O. BOX 1000, SUITE 100
FARMINGTON, CT 06031
PHONE (860) 675-0100
FAX (860) 675-0101

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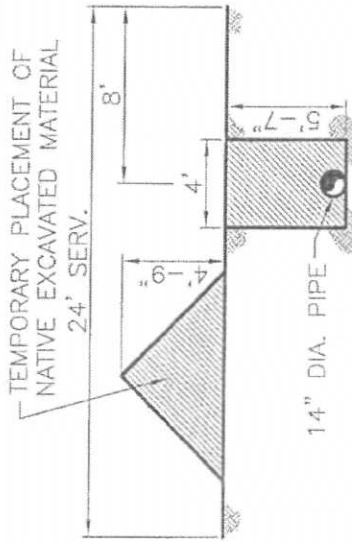
403

PROJECT: 1132

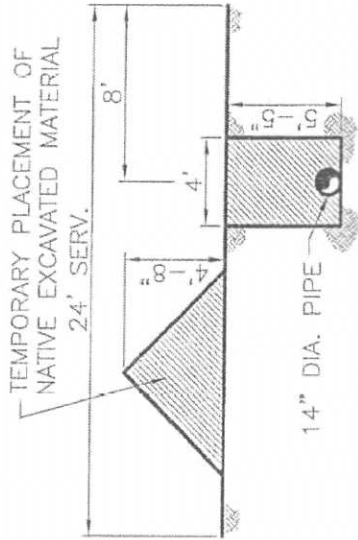
ST. CHARLES PARISH

UPGRADE TO ASHTON PUMP STATION
AND FORCE MAIN
ST. CHARLES PARISH, LOUISIANA

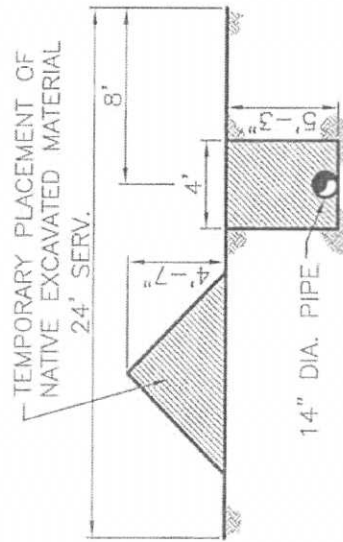
DESIGNED	DATE
DRAWN	BY
CHECKED	DATE
INCH	DATE



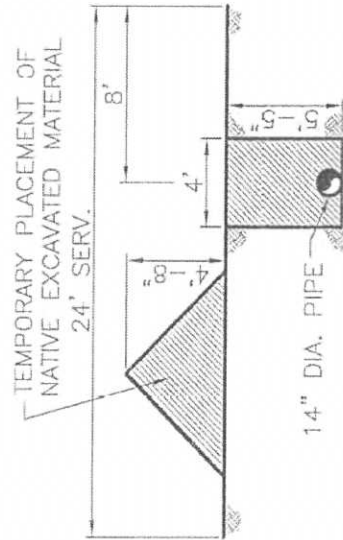
TYPICAL EXCAVATION SECTION
STATION 65+00 TO STATION 66+00



TYPICAL EXCAVATION SECTION
STATION 66+00 TO STATION 67+00



TYPICAL EXCAVATION SECTION
STATION 67+00 TO STATION 68+00



TYPICAL EXCAVATION SECTION
STATION 68+00 TO STATION 69+00



NOTE:

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Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
1000 PINE STREET
SUITE 100
NEW ORLEANS, LA 70112
(504) 581-1111

SECTIONS FOR FOURTH TRENCH

404

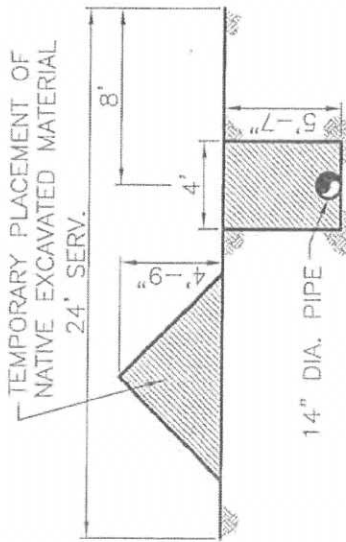
ST. CHARLES PARISH
UPGRADE TO ASHTON PUMP STATION
AND FORCE MAIN
ST. CHARLES PARISH, LOUISIANA

DESIGNED	CUB
CHECKED	MAC
DATE	2011/02/22

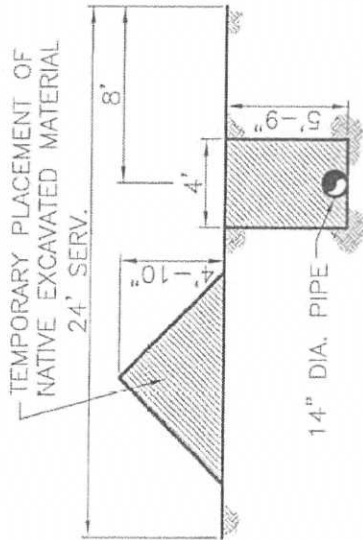
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PROJECT 1132

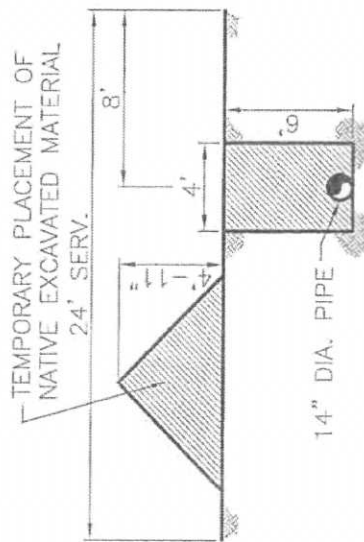
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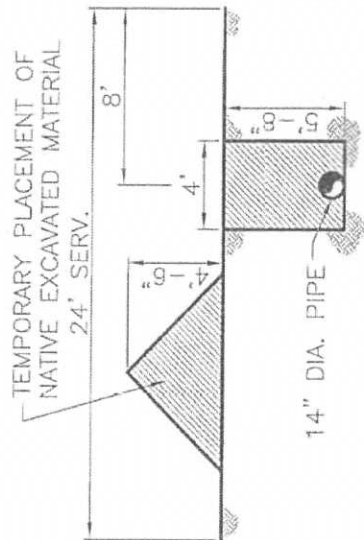
TYPICAL EXCAVATION SECTION
STATION 69+00 TO STATION 70+00



TYPICAL EXCAVATION SECTION
STATION 70+00 TO STATION 71+00



TYPICAL EXCAVATION SECTION
STATION 71+00 TO STATION 72+00

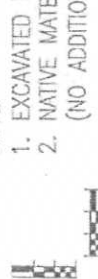


TYPICAL EXCAVATION SECTION
STATION 72+00 TO STATION 73+00



NOTE:

1. EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
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ENVIRONMENTAL ENGINEERING SERVICES, INC.



Environmental Engineering
CONSULTING ENGINEERS

Services, Inc.
1000 N. 10TH AVE., SUITE 100
DENVER, CO 80202
PHONE (303) 733-0100
FAX (303) 733-0101

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PROJECT 1132

DATE

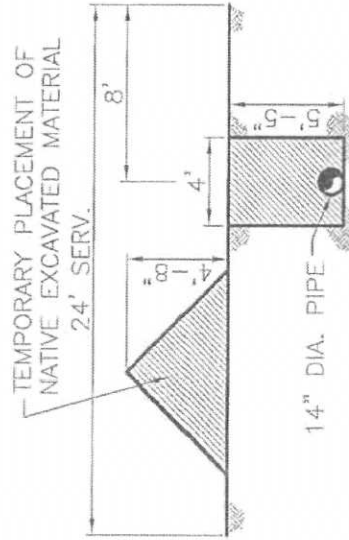
ST. CHARLES PARISH

UPGRADE TO ASHTON PUMP STATION
AND FORCE MAIN
ST. CHARLES PARISH, LOUISIANA

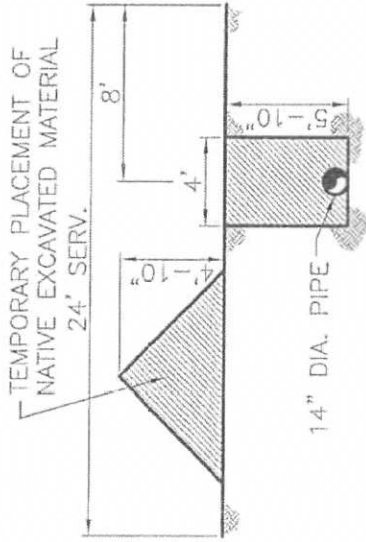
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DESIGNED	CHECKED	DATE
DATE	DATE	DATE

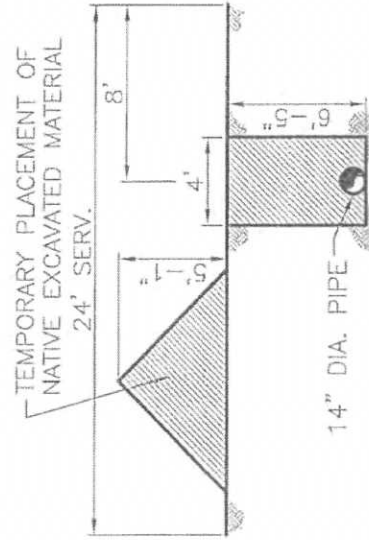
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2	24" SERV.	10/1/00
3	8' DEEP	10/1/00
4	4' WIDE	10/1/00
5	14" DIA. PIPE	10/1/00
6	24" SERV.	10/1/00
7	8' DEEP	10/1/00
8	4' WIDE	10/1/00
9	14" DIA. PIPE	10/1/00
10	24" SERV.	10/1/00
11	8' DEEP	10/1/00
12	4' WIDE	10/1/00



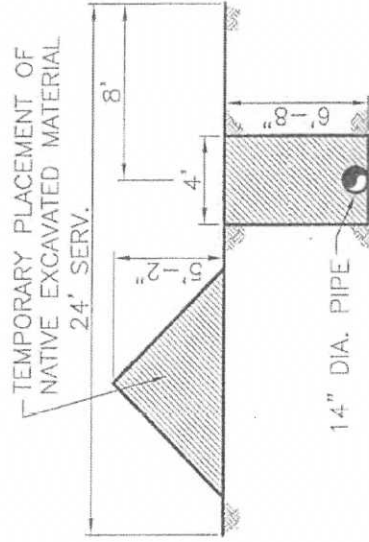
TYPICAL EXCAVATION SECTION
STATION 73+00 TO STATION 74+00



TYPICAL EXCAVATION SECTION
STATION 74+00 TO STATION 75+00



TYPICAL EXCAVATION SECTION
STATION 75+00 TO STATION 76+00

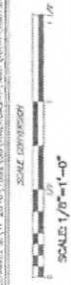


TYPICAL EXCAVATION SECTION
STATION 76+00 TO STATION 77+00



NOTE:

- EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
- NATIVE MATERIAL IS TO BE PLACED BACK INTO TRENCH (NO ADDITIONAL FILL) EXCESS MATERIAL WILL BE DISTRIBUTED AROUND SITE.



SCALE 1/8"=1'-0"

Environmental Engineering
CONSULTING ENGINEERS

Services, Inc.
10000 W. 10th Ave.
Suite 100
Denver, CO 80231

SECTIONS FOR FOURTH TRENCH

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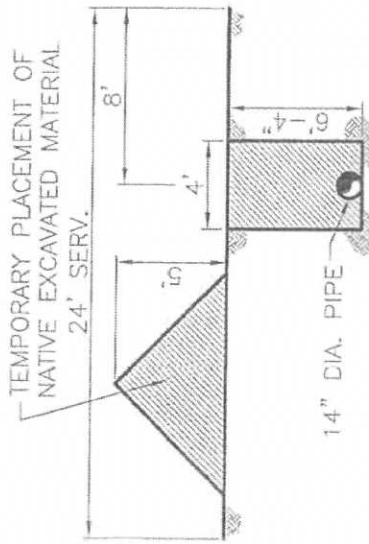
SHEET: 406

PROJECT: 1332

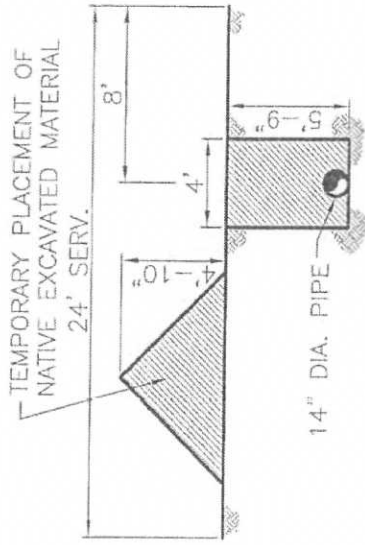
ST. CHARLES PARISH
AND FORCE MAIN
UPGRADE TO ASHTON PUMP STATION
ST. CHARLES PARISH, LOUISIANA

DESIGNED	UB
DRAWN	DMC
CHECKED	AB
DATE	2011/12/2

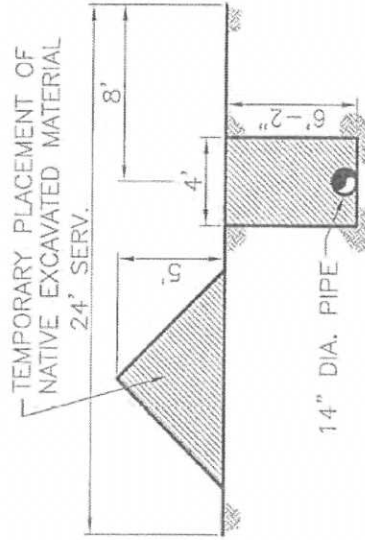
NO.	DATE	DESCRIPTION
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8		
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10		



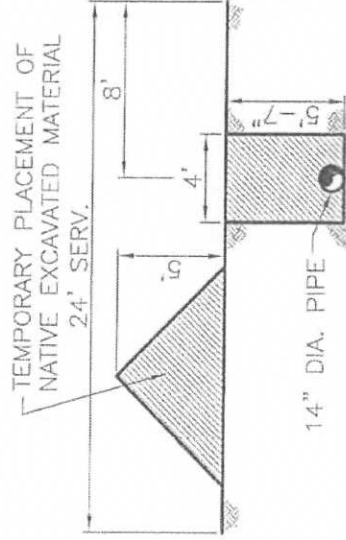
TYPICAL EXCAVATION SECTION
STATION 77+00 TO STATION 80+00



TYPICAL EXCAVATION SECTION
STATION 78+00 TO STATION 80+00



TYPICAL EXCAVATION SECTION
STATION 80+00 TO STATION 81+00

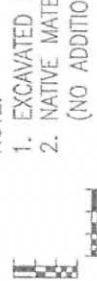


TYPICAL EXCAVATION SECTION
STATION 81+00 TO STATION 82+00



NOTE:

- EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
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EES Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
144425 LA 10000 R.O.
LAKE CHARLES, LA 70601
TEL: (504) 634-2100
FAX: (504) 634-2102

SECTIONS FOR FOURTH TRENCH

407

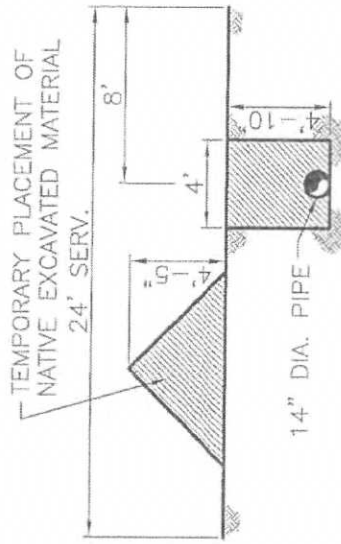
ST. CHARLES PARISH
AND FORCE MAIN
UPGRADE TO ASHTON PUMP STATION
ST. CHARLES PARISH, LOUISIANA

DESIGNED	CHE
DRAWN	ANC
CHECKED	DB
DATE	2011/02

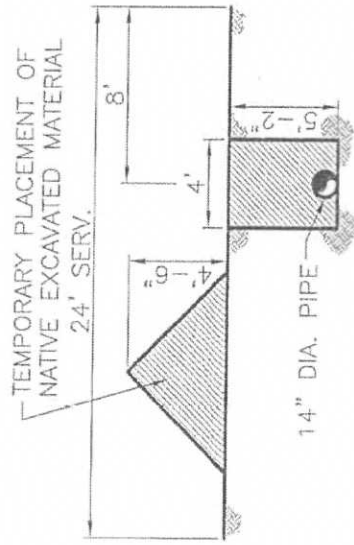
NO.	DESCRIPTION
1	SECTION 1
2	SECTION 2
3	SECTION 3
4	SECTION 4
5	SECTION 5
6	SECTION 6
7	SECTION 7
8	SECTION 8
9	SECTION 9
10	SECTION 10

PROJECT: 1132

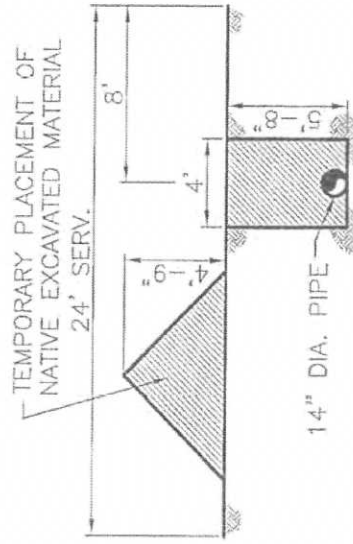
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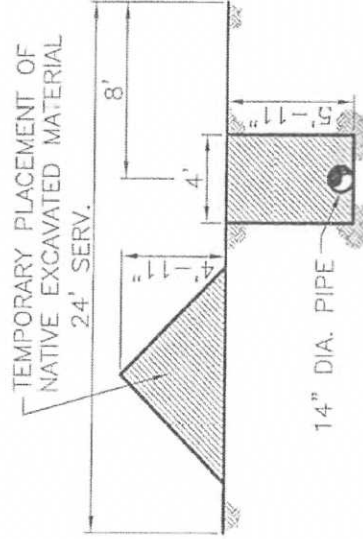
TYPICAL EXCAVATION SECTION
STATION 82+00 TO STATION 84+00



TYPICAL EXCAVATION SECTION
STATION 84+00 TO STATION 85+00

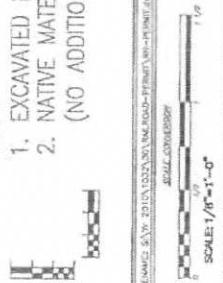


TYPICAL EXCAVATION SECTION
STATION 85+00 TO STATION 86+00

TYPICAL EXCAVATION SECTION
STATION 86+00 TO STATION 87+00 NATIVE MATERIAL

NOTE:

1. EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
2. NATIVE MATERIAL IS TO BE PLACED BACK INTO TRENCH
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FILE NAME: S:\7- 2010\1032930\MC ROAD-PRINNT\01-15\UNIT 06\ TAIL NAME: 408

Environmental Engineering
CONSULTING ENGINEERS
Services, Inc.
310 S. GALE STREET, Rm. 300
LAUREL, MD 20646
PHONE (301) 933-0100
FAX (301) 933-0102

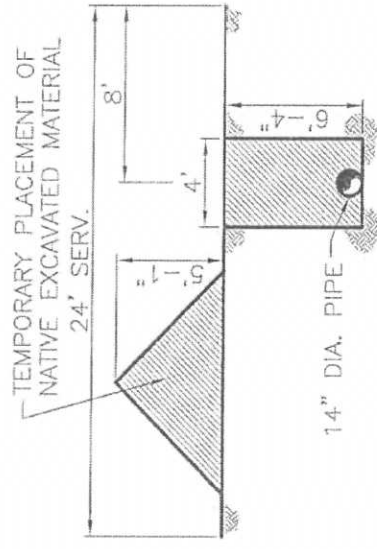
SECTIONS FOR FOURTH TRENCH

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408

ST. CHARLES PARISH
UPGRADE TO ASHTON PUMP STATION
AND FORCE MAIN
ST. CHARLES PARISH, LOUISIANA

[illegible]

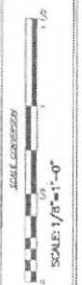


TYPICAL EXCAVATION SECTION
STATION 87+00 TO STATION 88+00

NATIVE
MATERIAL

NOTE:

1. EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
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Environmental Engineering
CONSULTING ENGINEERS

Environmental Engineering Services, Inc.
810 BELLA VISTA BLVD.
LAKE CHARLES, LA 70608
TEL: (504) 485-1145
FAX: (504) 485-1146

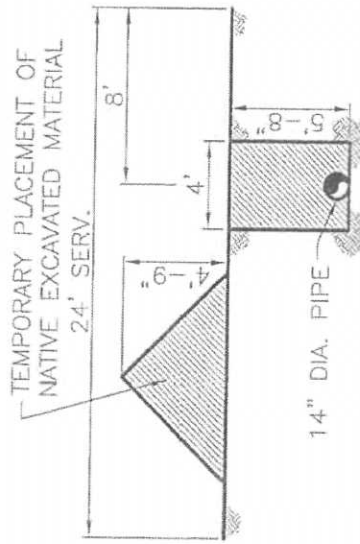
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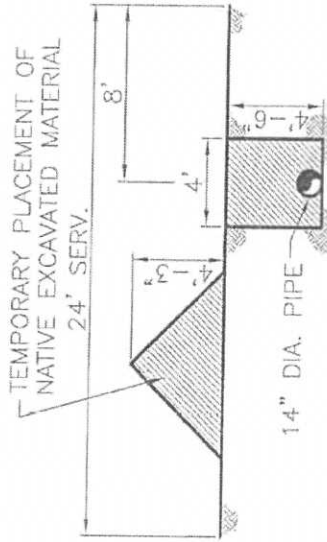
SHEET
409

ST. CHARLES PARISH
UPGRADE TO ASHTON PUMP STATION
AND FORCE MAIN
ST. CHARLES PARISH, LOUISIANA

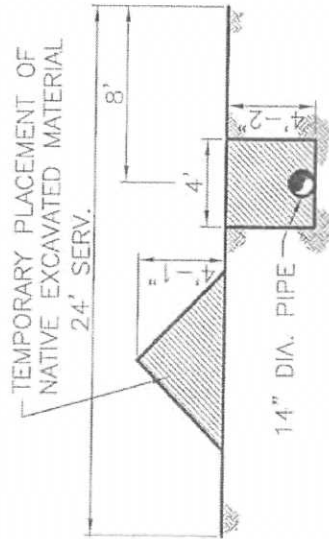
DESIGNED	DATE
DRAWN	DATE
CHECKED	DATE
DATE	2011/03/23



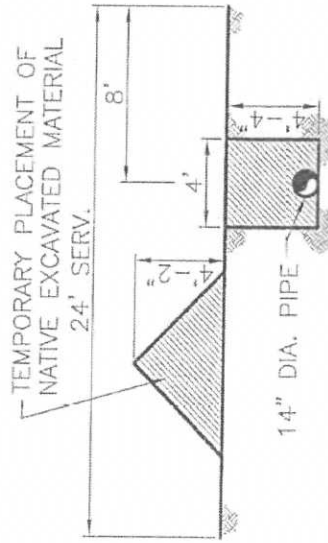
TYPICAL EXCAVATION SECTION
STATION 90+00 TO STATION 91+00



TYPICAL EXCAVATION SECTION
STATION 91+00 TO STATION 92+00



TYPICAL EXCAVATION SECTION
STATION 92+00 TO STATION 93+00



TYPICAL EXCAVATION SECTION
STATION 93+00 TO STATION 94+00

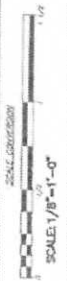


NOTE:

- EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
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FILE NAME: S:\7-2015\CONSTRUCTION-RENTAL-PRIME.mxd DATE: 5/1/2015



Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
1000 PINE STREET, SUITE 200
NEW ORLEANS, LA 70112
PHONE: (504) 583-0000
FAX: (504) 583-0001

SECTIONS FOR FIFTH TRENCH

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501

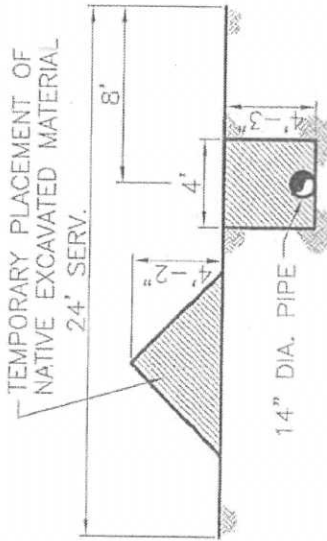
1122

DATE: 5/1/2015

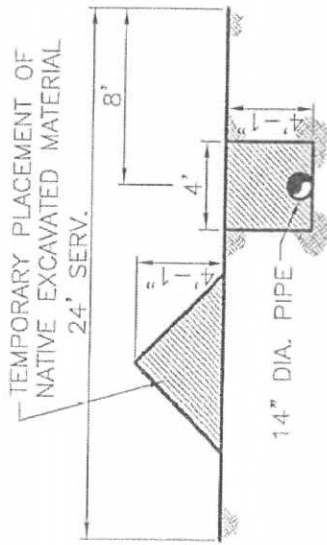
ST. CHARLES PARISH
UPGRADE TO ASHTON PUMP STATION
AND FORCE MAIN
ST. CHARLES PARISH, LOUISIANA

NO.	REV.	DESCRIPTION
1	1	ISSUED FOR PERMIT
2	1	ISSUED FOR PERMIT
3	1	ISSUED FOR PERMIT
4	1	ISSUED FOR PERMIT
5	1	ISSUED FOR PERMIT
6	1	ISSUED FOR PERMIT
7	1	ISSUED FOR PERMIT
8	1	ISSUED FOR PERMIT
9	1	ISSUED FOR PERMIT
10	1	ISSUED FOR PERMIT

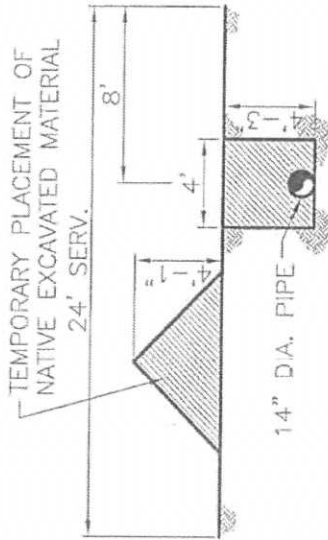
DATE	BY	CHECKED	DATE
5/1/2015			



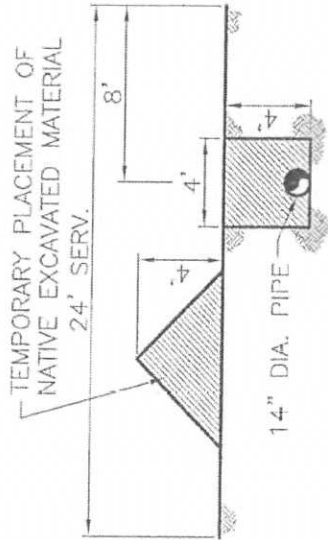
TYPICAL EXCAVATION SECTION
STATION 94+00 TO STATION 95+00



TYPICAL EXCAVATION SECTION
STATION 95+00 TO STATION 96+00



TYPICAL EXCAVATION SECTION
STATION 96+00 TO STATION 98+00



TYPICAL EXCAVATION SECTION
STATION 98+00 TO STATION 98+25



NOTE:

1. EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
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SCALE: 1/8"=1'-0"

Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
413 BELL STREET, SUITE 200
LAFAYETTE, LA 70508
PHONE: (504) 885-5152
FAX: (504) 885-5152

SECTIONS FOR FIFTH TRENCH

502

ST. CHARLES PARISH
AND FORCE MAIN
UPGRADE TO ASHTON PUMP STATION
ST. CHARLES PARISH, LOUISIANA

DATE	01/11/02
BY	SAF
CHECKED	SAF
APPROVED	SAF
DESIGNED	SAF
DRAWN	SAF

NO.	DATE	DESCRIPTION
1		
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PROJECT: 1132

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DESIGNED	CMB
DRAWN	BAZ
CHECKED	BAZ
DATE	2011/02

NO.	DATE	REVISION

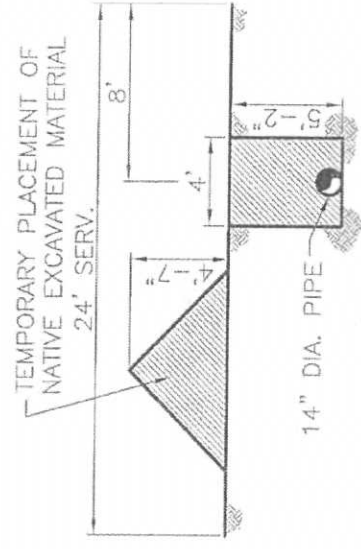
NO.	DATE	REVISION

OWNER	ST. CHARLES PARISH
PROJECT	UPGRADE TO ASHTON PUMP STATION AND FORCE MAIN
PROJECT	ST. CHARLES PARISH, LOUISIANA

PROJECT	1132
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SHEET	601
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TYPICAL EXCAVATION SECTION
STATION 115+00 TO STATION 116+00

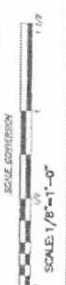
NATIVE MATERIAL

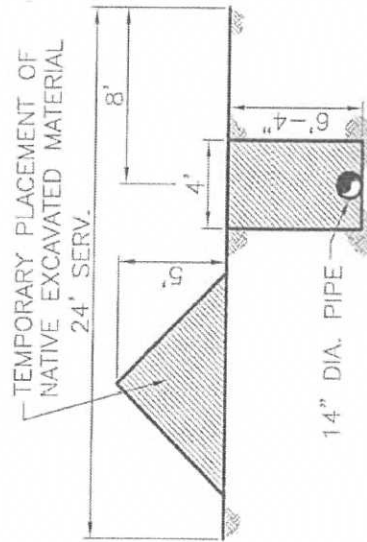
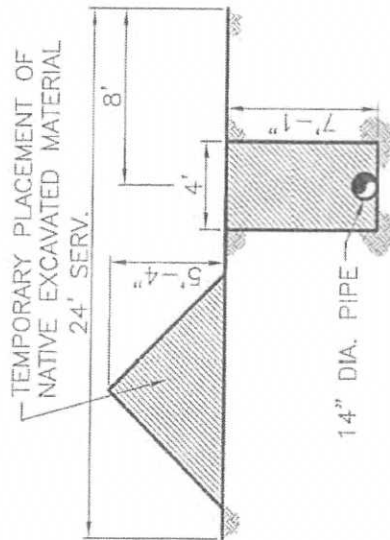
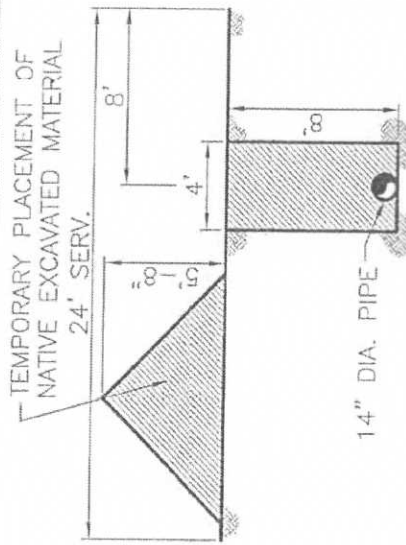
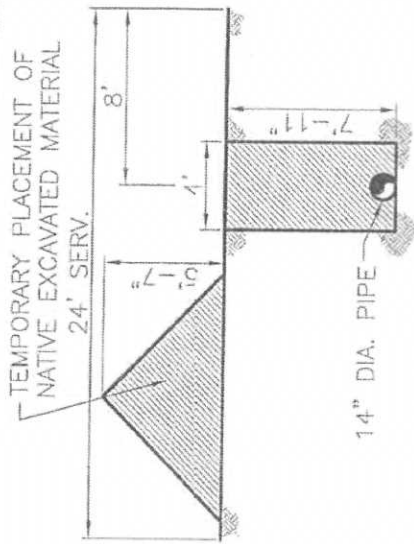
NOTE:

1. EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
 2. NATIVE MATERIAL IS TO BE PLACED BACK INTO TRENCH
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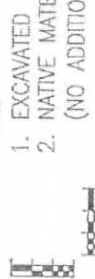
Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
510 BELLE MEAD AVE.
PO BOX 140 TUCKER, GA 30086
TEL: 770.271.8325 FAX: 770.271.8325



 NATIVE MATERIAL

NOTE:

1. EXCAVATED MATERIAL SHALL BE NO CLOSER THAN 2' TO TRENCH OPENING AS PER OSHA REGULATION 1926.651(j)(2)
2. NATIVE MATERIAL IS TO BE PLACED BACK INTO TRENCH
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ACCESSION NUMBERS

1

1

11

EES Environmental Engineering
CONSULTING ENGINEERS
100 MILL STREET, S.W.
LAWRENCE, MA 01840
PHONE (603) 683-3180
FAX (603) 683-3182

SECTIONS FOR SEVENTH TRENCH

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SCP Ashton Force Main Temporary Trenches (Excavation & Fill)								
Station	Trench	Approx. Length in feet	Ave. width to excavate in feet	Ave. depth to excavate in feet	Estimated Cubic Yards Excavated	Acres	NW=Non Wet W=Wet	Excavated Material Placement
.57 - 2+00	1	143	4	6.17	131	0.0131	Non-wet	Directly back into trench
2+00-3+00	1	100	4	6.58	97	0.0092	Non-wet	Directly back into trench
3+00-4+00	1	100	4	7	104	0.0092	Non-wet	Directly back into trench
4+00-5+00	1	100	4	7.17	106	0.0092	Non-wet	Directly back into trench
5+00-6+00	1	100	4	7.08	105	0.0092	Non-wet	Directly back into trench
6+00-8+00	1	200	4	6.92	205	0.0184	Non-wet	Directly back into trench
8+00-9+00	1	100	4	7.08	105	0.0092	Non-wet	Directly back into trench
9+00-10+00	1	100	4	7.25	107	0.0092	Non-wet	Directly back into trench
10+00-11+00	1	100	4	7	104	0.0092	Non-wet	Directly back into trench
11+00-12+00	1	100	4	6.67	99	0.0092	Non-wet	Directly back into trench
12+00-13+00	1	100	4	6.25	93	0.0092	Non-wet	Directly back into trench
13+00-14+00	1	100	4	5.75	85	0.0092	Non-wet	Directly back into trench
16+25-17+00	2	75	4	4.67	52	0.0069	Non-wet	Directly back into trench
26+00-26+75	3	75	4	5.25	58	0.0069	Non-wet	Directly back into trench
26+75-27+00	3	25	4	4.42	16	0.0023	Non-wet	Directly back into trench
27+00-28+00	3	100	4	4.75	70	0.0092	Non-wet	Directly back into trench
28+00-29+00	3	100	4	5.17	77	0.0092	Non-wet	Directly back into trench
29+00-31+00	3	200	4	5.33	158	0.0184	Non-wet	Directly back into trench
31+00-32+00	3	100	4	5.5	81	0.0092	Non-wet	Directly back into trench
32+00-33+00	3	100	4	5.25	78	0.0092	Non-wet	Directly back into trench
33+00-34+00	3	100	4	4.92	73	0.0092	Non-wet	Directly back into trench
34+00-35+00	3	100	4	4.83	72	0.0092	Non-wet	Directly back into trench
35+00-37+00	3	200	4	4.58	136	0.0184	Non-wet	Directly back into trench
37+00-38+00	3	100	4	4.83	72	0.0092	Non-wet	Directly back into trench
38+00-38+50	3	50	4	4.92	36	0.0046	Non-wet	Directly back into trench
52+50-53+00	4	50	4	6.33	47	0.0046	Non-wet	Directly back into trench
53+00-54+00	4	100	4	6.08	90	0.0092	Non-wet	Directly back into trench
54+00-55+00	4	100	4	5.67	84	0.0092	Non-wet	Directly back into trench

55+00-56+00	4	100	4	5	74	0.0092	Non-wet	Directly back into trench
56+00-58+00	4	200	4	4.17	124	0.0184	Non-wet	Directly back into trench
58+00-59+00	4	100	4	5.08	75	0.0092	Non-wet	Directly back into trench
59+00-60+00	4	100	4	5.83	86	0.0092	Non-wet	Directly back into trench
60+00-61+00	4	100	4	6.75	100	0.0092	Non-wet	Directly back into trench
61+00-62+00	4	100	4	7.25	107	0.0092	Non-wet	Directly back into trench
62+00-63+00	4	100	4	7.17	106	0.0092	Non-wet	Directly back into trench
63+00-64+00	4	100	4	6.92	103	0.0092	Wet	Directly back into trench
64+00-65+00	4	100	4	6.08	90	0.0092	Wet	Directly back into trench
65+00-66+00	4	100	4	5.58	83	0.0092	Wet	Directly back into trench
66+00-67+00	4	100	4	5.42	80	0.0092	Wet	Directly back into trench
67+00-68+00	4	100	4	5.25	78	0.0092	Wet	Directly back into trench
68+00-69+00	4	100	4	5.42	80	0.0092	Wet	Directly back into trench
69+00-70+00	4	100	4	5.58	83	0.0092	Wet	Directly back into trench
70+00-71+00	4	100	4	5.75	85	0.0092	Wet	Directly back into trench
71+00-72+00	4	100	4	6	89	0.0092	Wet	Directly back into trench
72+00-73+00	4	100	4	5.67	84	0.0092	Wet	Directly back into trench
73+00-74+00	4	100	4	5.42	80	0.0092	Wet	Directly back into trench
74+00-75+00	4	100	4	5.83	86	0.0092	Wet	Directly back into trench
75+00-76+00	4	100	4	6.42	95	0.0092	Wet	Directly back into trench
76+00-77+00	4	100	4	6.67	99	0.0092	Wet	Directly back into trench
77+00-78+00	4	100	4	6.33	94	0.0092	Wet	Directly back into trench
78+00-80+00	4	200	4	5.75	170	0.0184	Wet	Directly back into trench
80+00-81+00	4	100	4	6.17	91	0.0092	Wet	Directly back into trench
81+00-82+00	4	100	4	5.58	83	0.0092	Wet	Directly back into trench
82+00-84+00	4	200	4	4.83	143	0.0184	Wet	Directly back into trench
84+00-85+00	4	100	4	5.17	77	0.0092	Wet	Directly back into trench
85+00-86+00	4	100	4	5.67	84	0.0092	Wet	Directly back into trench
86+00-87+00	4	100	4	5.92	88	0.0092	Wet	Directly back into trench
87+00-88+00	4	100	4	6.33	94	0.0092	Non-wet	Directly back into trench
90+00-91+00	5	100	4	5.67	84	0.0092	Non-wet	Directly back into trench
91+00-92+00	5	100	4	4.5	67	0.0092	Non-wet	Directly back into trench
92+00-93+00	5	100	4	4.17	62	0.0092	Non-wet	Directly back into trench
93+00-94+00	5	100	4	4.33	64	0.0092	Non-wet	Directly back into trench

94+00-95+00	5	100	4	4.25	63	0.0092	Non-wet	Directly back into trench
95+00-96+00	5	100	4	4.08	60	0.0092	Non-wet	Directly back into trench
96+00-98+00	5	200	4	4.25	126	0.0184	Non-wet	Directly back into trench
98+00-98+25	5	25	4	4	15	0.0023	Non-wet	Directly back into trench
115+00-116+00	6	100	4	5.17	77	0.0092	Non-wet	Directly back into trench
129+00-130+00	7	100	4	5.42	80	0.0092	Non-wet	Directly back into trench
130+00-131+00	7	100	4	4.75	70	0.0092	Non-wet	Directly back into trench
131+00-131+75	7	75	4	4.83	54	0.0069	Non-wet	Directly back into trench
131+75-132+00	7	25	4	6.58	24	0.0023	Non-wet	Directly back into trench
132+00-132+17	7	17	4	7.92	20	0.0016	Non-wet	Directly back into trench
132+17-132+25	7	8	4	8	9	0.0007	Non-wet	Directly back into trench
132+25-132+34	7	9	4	7.08	9	0.0008	Non-wet	Directly back into trench
132+34-132+50	7	16	4	6.33	15	0.0015	Non-wet	Directly back into trench
Total Excavation:					Cubic Yards	Acres		
					6252	0.6881		

FILL NOTE: Native Material Excavated will be placed directly back into the trench after the pipe has been placed. Compaction will occur and the natural growing process will take place to minimize any potential impact.

Wet Acreage: 0.2204



DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: P20110806

C.O.E. No.:

NAME: **ST. CHARLES PARISH DEPARTMENT OF WASTEWATER**
c/o DANNY HEBERT, P.E., L.L.C.
P.O. BOX 1528
LULING, LA 70070
Attn: Julie Hebert

LOCATION: **Saint Charles Parish, LA**
P.O.B. - Lat. 29° 55' 31.38"N, Long. 90° 22' 36.34"W; P.O.E. - Lat. 29° 53' 48.77"N, Long. 90° 24' 04.11"W;
Sections 87, 88, 89, 96, 119 & 120, T13S-R20E; Sec. 9, T13S-R21E; Luling, LA

DESCRIPTION: Installation of one sewer force main line, approx. 13,193' in length, to tie into the existing infrastructure for additional capacity and to eliminate current overflows. Approx. 7,493' of the proposed line will be installed via trenching and approx. 5,700' will be installed via directional drill. Approx. 6,252 cu. yds. of native material will be displaced during project activities. No additional excavation or fill will be required.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:
 - a. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.
 - b. Permittee shall, prior to commencement of the herein permitted activities, contact Allison Richard (phone: 225-342-1293, email: allison.richard@la.gov) to determine if a construction permit will be required from the local levee district.



- c. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.
- d. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.
- e. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.
- f. As-built drawings and/or plats shall have written on them the date of completion of said activities and shall be submitted to the Louisiana Department of Natural Resources, Office of Coastal Management, P.O. Box 44487, Baton Rouge, LA 70804-4487 within 30 days following project completion.
- g. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.
- h. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.
- i. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.
- j. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

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C.U.P. No.: P20110806
C.O.E. No.:



***** End of Conditions *****

By accepting this permit the applicant agrees to its terms and conditions.
I affix my signature and issue this permit this 13th day of September, 2011.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Page: 4 of 4
C.U.P. No.: P20110806
C.O.E. No.:



Final Plats:

1) P20110806 Final Plats 08/09/2011

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Johan Forsman, DHH w/attachments
Peggy Rooney, OCM w/attachments
Kirk Kilgen, OCM/FI w/attachments

ST. CHARLES PARISH DEPARTMENT OF WASTEWATER w/attachments