

CHANGE ORDER

No. 1 (Final)

DATE OF ISSUANCE November 25, 2013

EFFECTIVE DATE

| | | |
|----------------------|--|-------------------------------------|
| OWNER | St. Charles Parish Department of Public Works and Wastewater | |
| CONTRACTOR | Volute, Inc. | |
| Contract: | Dunleith Canal Level Recharge System | |
| Project: | P080502-4 - Dunleith Canal Level Recharge System | |
| OWNER's Contract No. | P080502-4 | ENGINEER's Contract No. 2008-21-810 |
| ENGINEER | Evans-Graves Engineers, Inc. | |

You are directed to make the following changes in the Contract Documents:

Description:

1. Delete the Following Work Items:

- a. Contract Item No. 9 Relocation of Infrastructure
Delete item in its entirety. (\$35,000.00)

Total of Deducted Items = (\$35,000.00)

2. Add the Following Work Items:

- a. Contract Item No. X1-1 Installation of Thread-o-let for siphon break
Add item in its entirety. \$631.47
- b. Contract Item No. X1-2 Helical Anchors for pipe
Add item in its entirety. \$890.74
- c. Contract Item No. X1-3 Rip-Rap for Item 7 supplied by Owner, credit for materials only
Add item in its entirety. (\$732.48)

Total of Added Work Items = \$789.73

3. Revise the Following Work Item Quantities:

- a. Contract Item No. 3 Embankment
The quantity is to be deducted by 100 CY (\$4,000.00)
- b. Contract Item No. 4 12" Piping, Fittings, Couplings and Anchors
The quantity is to be increased by 19 LF \$3,743.00
- c. Contract Item No. 6 Geotextile Fabric
The quantity is to be increased by 80 SY \$3,200.00
- d. Contract Item No. 7 Rip-Rap
The quantity is to be increased by 10 CY \$5,240.00

Total of Change in Work Items Quantities = \$8,183.00

TOTAL CHANGE IN PROJECT COST (CREDIT) = (\$26,027.27)

See Attachment No. 1 – Description of Changes, for more detail.

Reason for Change Order:

1. Deleted Work Items

- a. Contract Item No. 9 was not required. The Entergy power pole and overhead powerline relocation was done directly by Entergy forces under a separate work order from the Parish. There were no other hidden infrastructure items or conflicting utilities discovered.

2. Add Work Items

- a. Contract Item No. X1-1 was added at the Parish's request. Instead of installing the manufacturer's vent on the discharge line, the Contractor installed the Parish-fabricated and supplied vent. This price is for installation only; the material was fabricated, coated, and furnished by the Parish.
- b. Contract Item No. X1-2 was added at the direction of the Engineer to provide additional stability and restraint support for the pipe, due to the change in alignment resulting from field conditions, levee profile, and sump area to minimize erosion and disturbance of existing ground.

- c. Contract Item No. X1-3 was added at the Parish's request to provide a credit to the Parish for supplying the rip-rap utilized in Item No. 7 from their own stockpile and salvage, instead of the contractor furnishing the riprap as called for in the Bid Documents for Item No. 7.
3. Revise Work Item Quantities
- a. Contract Item No. 3 The finished in-place quantity of embankment after placement and compaction was determined through pre-construction and post-construction surveys to be 240 CY. The estimated bid quantity from the design survey and the estimated final cross-section was 340 CY.
 - b. Contract Item No. 4 19 LF of piping was added at the direction of the Engineer due to the change in alignment resulting from field conditions, levee profile, and sump area to minimize erosion and disturbance of existing ground.
 - c. Contract Item No. 6 At the direction of the Engineer and per manufacturer's recommendations, a sump of rip-rap on a prepared foundation of geotextile fabric was added to provide a stable foundation under the pump intake piping and minimize intake of silt and debris into the pump.
 - d. Contract Item No. 7 At the direction of the Engineer and per manufacturer's recommendations, a sump of rip-rap on a prepared foundation of geotextile fabric was added to provide a stable foundation under the pump intake piping and minimize intake of silt and debris into the pump.

**Attachments: No. 1 – Description of Changes
Request for Change Order by Volute, Inc.; dated 11-25-13**


| CHANGE IN CONTRACT PRICE: |
|--|
| Original Contract Price \$181,419.00 |
| Net Increase (Decrease) from previous Change Orders No. ___ to ___: \$0.00 |
| Contract Price prior to this Change Order: \$181,419.00 |
| Net increase (decrease) of this Change Order: (\$26,027.27) |
| Contract Price with all approved Change Orders: \$155,391.73 |

| CHANGE IN CONTRACT TIMES: |
|--|
| Original Contract Times: Substantial Completion: September 13, 2013 Ready for final payment: October 28, 2013 |
| Net change from previous Change Orders No. ___ to No. ___: Substantial Completion: 0 Ready for final payment: 0 |
| Contract Times prior to this Change Order: Substantial Completion: September 13, 2013 Ready for final payment: October 28, 2013 |
| Net increase (decrease) this Change Order: Substantial Completion: 62 Ready for final payment: 62 |
| Contract Times with all approved Change Orders: Substantial Completion: November 14, 2013 Ready for final payment: December 29, 2013 |

RECOMMENDED:

APPROVED:

ACCEPTED:

By:  By: _____
 ENGINEER (Authorized Signature) OWNER (Authorized Signature)

By:  By: _____
 CONTRACTOR (Authorized Signature)

Date: 12-18-13 Date: _____

Date: 12/20/13 Date: _____

EJCDC 1910-8-B (1996 Edition)

Prepared by the Engineers Joint Contract Documents Committee and endorsed by The Associated General Contractors of America and the Construction Specifications Institute.

CHANGE ORDER

INSTRUCTIONS

A. GENERAL INFORMATION

This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Price or Times.

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating Change Orders to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed in the Agreement, any effect of a Change Order thereon should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract Times, a Field Order should be used.

B. COMPLETING THE CHANGE ORDER FORM

Engineer normally initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from Owner, or both. **A draft copy of the change order shall be reviewed by the St Charles Parish Engineer before final copies are circulated for signatures.**

Once Engineer has completed and signed **SIX(6) ORIGINAL COPIES** of the change order, the six(6) copies should be sent to Contractor for approval and signatures. After contractor approval, all six(6) copies should be sent to the owner for introduction and council vote. Once the change order has been approved by the St. Charles Parish Council, executed copies of the change order will be distributed to the Engineer and Contractor.

If a change only applies to price or to times, cross out the part of the tabulation that does not apply.

ATTACHMENT NO 1 - DESCRIPTION OF CHANGES

F080502-4 Dunleith Canal Level Recharge System

| Item No. | Description | Unit | Unit Price | Original Contract | | Change Order No. 1 | | Change Order No. 2 | | Total to Date | | Increases | Decreases | Deletions | Additions |
|----------------|---|-------------|-------------|-------------------|--------------|--------------------|---------------|--------------------|------|---------------|-------------|--------------|---------------|---------------|------------|
| | | | | Quantity | Cost | Quantity | Cost | Quantity | Cost | Quantity | Cost | | | | |
| 1 | Mobilization / Demobilization | Lump Sum | \$7,000.00 | 1 | \$7,000.00 | | | | | 1.00 | \$7,000.00 | | | | |
| 2 | Cleaning and Grubbing | Lump Sum | \$2,000.00 | 1 | \$2,000.00 | | | | | 1.00 | \$2,000.00 | | | | |
| 3 | Embankment | Cubic Yard | \$40.00 | 340 | \$13,600.00 | (100.00) | (\$4,000.00) | | | 240.00 | \$9,600.00 | | (\$4,000.00) | | |
| 4 | 12" Piping, Fittings, Couplings and Anchors | Linear Feet | \$197.00 | 118 | \$23,246.00 | 19.00 | \$3,743.00 | | | 137.00 | \$26,989.00 | \$3,743.00 | | | |
| 5 | Pump and Drive Unit Including Foundation and Electrical Work | Lump Sum | \$98,000.00 | 1 | \$98,000.00 | | | | | 1.00 | \$98,000.00 | | | | |
| 6 | Geotextile Fabric | Square Yard | \$40.00 | 10 | \$400.00 | | | | | 90.00 | \$3,600.00 | \$3,200.00 | | | |
| 7 | Rip-Rap | Cubic Yard | \$524.00 | 2 | \$1,048.00 | 10.00 | \$5,240.00 | | | 12.00 | \$6,288.00 | \$5,240.00 | | | |
| 8 | Hydroseed | Square Yard | \$2.25 | 500 | \$1,125.00 | | | | | 500.00 | \$1,125.00 | | | | |
| 9 | Relocation of Infrastructure Items | Lump Sum | \$35,000.00 | 1 | \$35,000.00 | (1.00) | (\$35,000.00) | | | 0.00 | \$0.00 | | | (\$35,000.00) | |
| X1-1 | Installation of Thread-o-let for siphon break | Lump Sum | | | | 1.00 | \$631.47 | | | 1.00 | \$631.47 | | | | \$631.47 |
| X1-2 | Helical Anchors for pipe | Each | | | | 4.00 | \$890.74 | | | 4.00 | \$890.74 | | | | \$890.74 |
| X1-3 | Rip-Rap for Item 7 supplied by Owner, credit for materials only | Tons | \$43.60 | | | (16.80) | (\$732.48) | | | (16.80) | (\$732.48) | | (\$732.48) | | |
| TOTALS: | | | | | \$181,419.00 | | (\$26,027.27) | \$0.00 | | \$155,391.73 | \$12,183.00 | (\$4,732.48) | (\$35,000.00) | | \$1,522.21 |

RESULTING COST INCREASE (DECREASE) TO ST. CHARLES PARISH

-14.35% of Base Bid



Volute, Inc.
 313 Venture Boulevard
 Houma, Louisiana 70360
 (985) 876-6187 Fax (985) 876-6251

REQUEST FOR CHANGE ORDER

Project: Dunleith Canal Level Recharge System;
 Destrehan, LA
 Owner: St. Charles Parish

Date: 25-Nov-13
 COR No: 1521-002
 Owner Project No.: P080502-4
 Volute Project No.: 1521

This Change Order Request (COR) contains a quotation for a change in the contract sum or the contract time

Reason for Change Order:
 The following are the additional costs incurred in order to excute the revised scope of work required by the revision of the levee profile, pipeline configuration, and addition of a sump for the suction assembly. Included in the costs are the credits needing to be extended to the Owner for unused quantities stipulated in the contract.

SUMMARY OF COSTS

MATERIAL COSTS (See detail sheet for cost breakdown)

| | | | |
|-----------------------|-------|----|------------------|
| Material Subtotal | | \$ | 762.44 |
| Sales Tax: | 9.00% | \$ | 68.62 |
| Material Total | | | \$ 831.06 |

LABOR COSTS (See detail sheet for cost breakdown)

| | | | |
|---------------------------------|--------|----|------------------|
| Total labor hours to be charged | | | 4.00 |
| Average Labor Rate: | | \$ | 27.00 |
| Labor Subtotal | | \$ | 108.00 |
| Labor Burden | 45.00% | \$ | 48.60 |
| Travel, Lodging, Per Diem | 0.00% | \$ | - |
| Labor Total | | | \$ 156.60 |

EQUIPMENT RENTAL COSTS (See detail sheet for cost breakdown)

| | | | |
|------------------------|--|----|--------|
| Equipment Rental Total | | \$ | 336.00 |
|------------------------|--|----|--------|

SUBCONTRACTOR COSTS (See detail sheet for cost breakdown)

| | | | |
|---------------------|--|----|---|
| Subcontractor Total | | \$ | - |
|---------------------|--|----|---|

SUBTOTAL OF ADDITIONAL COSTS

| | | | |
|--|--|----|----------|
| | | \$ | 1,323.66 |
|--|--|----|----------|

Contractor's Markup on Materials, Labor, & Equipment Rental

| | | | |
|-------|--------|----|--------|
| Costs | 15.00% | \$ | 198.55 |
|-------|--------|----|--------|

| | | | |
|--|-------|----|---|
| Contractor's Markup on Subcontractor Costs | 5.00% | \$ | - |
|--|-------|----|---|

TOTAL ADDITIONAL COSTS \$ 1,522.21

ADJUSTMENTS TO CONTRACT QUANTITIES (See detail sheet for cost breakdown)

| | | | |
|--------------------------|--|----|-------------|
| Adjusted Quantity Totals | | \$ | (26,817.00) |
|--------------------------|--|----|-------------|

CREDITS TO BE EXTENDED TO OWNER (See detail sheet for cost breakdown)

| | | | |
|---------------|--|----|----------|
| Credit Totals | | \$ | (732.48) |
|---------------|--|----|----------|

NET CHANGE TO CONTRACT PRICE \$ (26,027.27)

Prepared by: *[Signature]*

MATERIAL DETAILS

| Line | Description | Unit | Unit Price | Qty | Cost |
|------|---|------|------------|------|-----------------------------|
| 1 | 3"x8-14 F/S Thredolet | ea. | \$ 51.84 | 1.00 | \$ 51.84 |
| 2 | 8-10-12 Triple Helix Anchor | ea. | \$ 138.65 | 4.00 | \$ 554.60 |
| 3 | Earth Anchor Guy Attachment | ea. | \$ 39.00 | 4.00 | \$ 156.00 |
| 4 | | | | | \$ - |
| 5 | | | | | \$ - |
| 6 | | | | | \$ - |
| 7 | | | | | \$ - |
| 8 | | | | | \$ - |
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| 29 | | | | | \$ - |
| 30 | | | | | \$ - |
| 31 | | | | | \$ - |
| 32 | | | | | \$ - |
| 33 | | | | | \$ - |
| 34 | | | | | \$ - |
| 35 | | | | | \$ - |
| 36 | | | | | \$ - |
| 37 | | | | | Material Subtotal \$ 762.44 |
| 38 | | | | | Sales Tax 9.00% \$ 68.62 |
| 39 | | | | | Material Total \$ 831.06 |
| 40 | Comments: See attached back up documents | | | | |

BATON ROUGE
Windustrial™
 COMPANY

8961 BUZZBEE DR
 BATON ROUGE, LA 70809

PHONE (225) 753-2940
 FAX (225) 753-2932

LEE

| | | |
|-----------------|----------|----------|
| 0003350 | 11/21/13 | 1 |
| Expiration Date | | 12/21/13 |
| Revised Date | | 11/21/13 |
| Bid Due Date | | 11/21/13 |

VOLUTE INC
 313 VENTURE BLVD
 NOUNA, LA 70360-7992

Phone (985) 876-6187
 Fax (985) 878-8251

William (Bill) Dow
 wdow@windustrial.com
 (225) 753-2940

| Quantity | Description | Unit Price | Extension | Unit | FOB |
|----------|--|------------|-----------|-------------|------------|
| 000193 | NET 30 | | | britt adams | BILL DOW S |
| 1.0 | 1 3X8-14 F/S THREDOLET **1 DAY ARO, FOB:BR, LA. | 51.8400 | EA | | 51.84 |

| | | |
|-------------|-----------------|-------|
| Tax Area Id | Net Sales | 51.84 |
| 191090000 | Freight | .00 |
| | Tax | .00 |
| | Quotation Total | 51.84 |

*From: LEE
 From: Bill*



PHONE 225-293-5432
 11036 AIRLINE HWY.
 BATON ROUGE, LA. 70816
 FAX 225-293-4267

MAILING ADDRESS:
 P.O. BOX 15276
 BATON ROUGE, LA. 70895-5276

OCT 30 2013

SOLD TO:

VOLUTE INC
 313 VENTURE BLVD
 HOUMA LA 70360

*****INVOICE***** 592969

SHIP TO:

VOLUTE, INC.
 313 VENTURE BLVD.
 HOUMA, LA 70360

INVCE# INVCE-DATE SALESPERS REQ-DATE SHIP VIA WGHT PGE
 592969 OCT 25 2013 SH OCT 24 2013 OUR TRUCK

CUST# CUST PO NUMBER DOC-REQ# SUB TERMS FREIGHT TRMS FOB INSD SALES
 V1800 1521-4945 LEE B. PROX 10TH BEST WAY ORIGIN SR

| LIN | OR | D | SHIP | BKOR | PRODUCT | UNIT | DESCRIPTION | UNIT \$ | DISC \$ | EXTENDED |
|-----|----|----|------|------|---------|------|--|---------|---------|----------|
| 001 | 14 | 14 | | | EA3553 | E | E. A. 8,10,12 TRIPLE HELIX ANC | 138.65 | | 1941.10 |
| 002 | 6 | 6 | | | EA3567 | E | EARTH ANCHOR GUY ATTACHMENT ATTN: LEE BOURGEOIS | 39.00 | | 234.00 |

JOB: DUNLEITH CANAL

89354

Invoice # 114610
 1521
 153425
 m2
 [Signature]

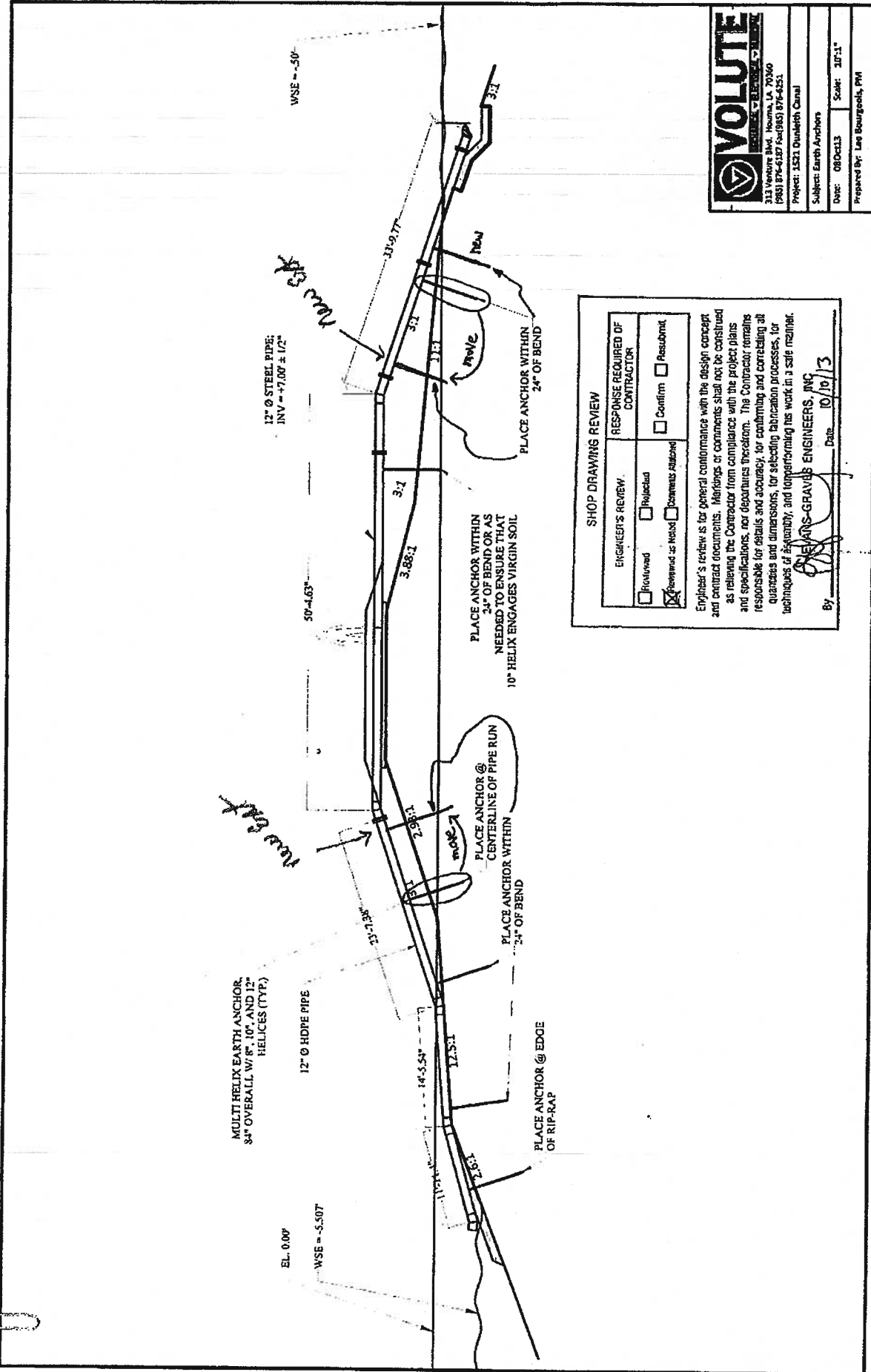
NOV 04 2013

SUB-TOTAL AMOUNT 2175.10
 STATE 002 87.00
 TERREBONNE PARISH 085 108.76

TOTAL AMOUNT 2370.86

ORIGINAL

TERMS AND CONDITIONS ON BACK



VOLUTE
 313 Venture Blvd., Houma, LA 70360
 (981) 876-6187 Fax (981) 876-4251

Project: 1521 Dunderberg Canal
 Subject: Earth Anchors
 Date: 08Dec13 Scale: 3/8"=1'
 Prepared By: Leo Bourgoin, PM

SHOP DRAWING REVIEW

| | |
|---|--|
| ENGINEER'S REVIEW: | RESPONSE REQUIRED OF CONTRACTOR: |
| <input type="checkbox"/> Forward | <input type="checkbox"/> Project |
| <input checked="" type="checkbox"/> Reviewed as Noted | <input type="checkbox"/> Comments raised |
| | <input type="checkbox"/> Confirm |
| | <input type="checkbox"/> Resubmit |

Engineer's review is for general conformance with the design concept and contract documents. Markings or comments shall not be construed as relieving the Contractor from compliance with the project plans and specifications, nor does it constitute an approval. The Contractor remains responsible for details and accuracy for combining and correlating all quantities and dimensions, for selecting fabrication processes, for techniques of assembly, and implementing his work in a safe manner.

By: *[Signature]* Date: 10/16/13

LABOR DETAILS

| Line | Description | Crew Size | Task Hours | Crew Hours | Crew Rate | Cost |
|------|----------------------------|-----------|------------|------------|---------------------------|-----------------|
| 1 | Commercial HVAC Crew | | | 0.00 | \$ 27.00 | \$ - |
| 2 | Mechanic | | | 0.00 | \$ 27.00 | \$ - |
| 3 | Helper | | | 0.00 | \$ 27.00 | \$ - |
| 4 | Boiler/Chiller Repair Crew | | | 0.00 | \$ 27.00 | \$ - |
| 5 | Technician | | | 0.00 | \$ 27.00 | \$ - |
| 6 | Helper | | | 0.00 | \$ 27.00 | \$ - |
| 7 | Water Source Heat Pumps | | | 0.00 | \$ 27.00 | \$ - |
| 8 | Technician | | | 0.00 | \$ 27.00 | \$ - |
| 9 | Helper | | | 0.00 | \$ 27.00 | \$ - |
| 10 | Electrical | | | 0.00 | \$ 27.00 | \$ - |
| 11 | Electrician | | | 0.00 | \$ 27.00 | \$ - |
| 12 | Helper | | | 0.00 | \$ 27.00 | \$ - |
| 13 | Carpentry | | | 0.00 | \$ 27.00 | \$ - |
| 14 | Carpenter | | | 0.00 | \$ 27.00 | \$ - |
| 15 | Helper | | | 0.00 | \$ 27.00 | \$ - |
| 16 | Plumbing | | | 0.00 | \$ 27.00 | \$ - |
| 17 | Plumber | | | 0.00 | \$ 27.00 | \$ - |
| 18 | Helper | | | 0.00 | \$ 27.00 | \$ - |
| 19 | Skilled Trademen | | | 0.00 | \$ 27.00 | \$ - |
| 20 | Welder | 1 | 4.00 | 4.00 | \$ 27.00 | \$ 108.00 |
| 21 | Fitter | | | 0.00 | \$ 27.00 | \$ - |
| 22 | Equipment Operator | | | 0.00 | \$ 27.00 | \$ - |
| 23 | General Labor | | | | | |
| 24 | Laborer | | | 0.00 | \$ 27.00 | \$ - |
| 25 | | | | 0.00 | | \$ - |
| 26 | | | | 0.00 | | \$ - |
| 27 | | | | 0.00 | | \$ - |
| 28 | | | | 0.00 | | \$ - |
| 29 | | | | 0.00 | | \$ - |
| 30 | | | | 0.00 | | \$ - |
| 31 | Total Man Hours | | | 4.00 | | |
| 32 | | | | | Labor Subtotal | \$ 108.00 |
| 33 | | | | | Labor Burden | 45.00% \$ 48.60 |
| 34 | | | | | Travel, Lodging, Per Diem | 0.00% \$ - |
| 35 | | | | | Labor Total | \$ 156.60 |
| 36 | Comments: | | | | | |

EQUIPMENT RENTAL DETAILS

| Line | Description | Unit | Time Needed | Rental Rate | Rental Cost |
|------|--|------|-------------|-------------|-------------|
| 1 | Trucks (All trucks require a 4 hour minimum) | | | | |
| 2 | General Duty Truck; 3/4T Pickup | Hr | | \$ 60.00 | \$ - |
| 3 | Heavy Duty Truck; 1-1/2T Stakebed | Hr | | \$ 80.00 | \$ - |
| 4 | Dump Truck; 6CY | Hr | | \$ 80.00 | \$ - |
| 5 | Welding Truck; 200A Machine w/leads & consumables | Hr | 4.00 | \$ 84.00 | \$ 336.00 |
| 6 | Boom Truck; 15T w/ 60' boom | Hr | | \$ 100.00 | \$ - |
| 7 | Boom Truck; 25T w/ 92' boom | Hr | | \$ 125.00 | \$ - |
| 8 | Dirt Work Equipment (All equipment require a 4 hour minimum unless specified) | | | | |
| 9 | Excavator | Day | | \$ 175.00 | \$ - |
| 10 | Backhoe | Hr | | \$ 80.00 | \$ - |
| 11 | Dozer | Hr | | \$ 75.00 | \$ - |
| 12 | Front-End Loader | Hr | | \$ 90.00 | \$ - |
| 13 | Skidsteer Loader | Day | | \$ 215.00 | \$ - |
| 14 | Aerial Access Equipment (All equipment require a 4 hour minimum unless specified) | | | | |
| 15 | Scissor Lift; 20' | Hr | | \$ 60.00 | \$ - |
| 16 | Scissor Lift; 25' | Hr | | \$ 65.00 | \$ - |
| 17 | Telescopic Boom Lift | Hr | | \$ 60.00 | \$ - |
| 18 | Miscellaneous Equipment | | | | |
| 19 | Snake Camera | Hr | | \$ 100.00 | \$ - |
| 20 | Pump; 2" | Hr | | \$ 10.00 | \$ - |
| 21 | Pump; 3" | Hr | | \$ 15.00 | \$ - |
| 22 | Generator; | Hr | | \$ 35.00 | \$ - |
| 23 | Air Compressor | Hr | | \$ 35.00 | \$ - |
| 24 | Jack Hammer | Hr | | \$ 25.00 | \$ - |
| 25 | PE Fusion Welding Machine | Day | | \$ 500.00 | \$ - |
| 26 | Mats; laminated | Ea | | \$ 100.00 | \$ - |
| 27 | | Hr | | | \$ - |
| 28 | | Hr | | | \$ - |
| 29 | | Hr | | | \$ - |
| 30 | | Hr | | | \$ - |
| 31 | | Hr | | | \$ - |
| 32 | | Hr | | | \$ - |
| 33 | | Hr | | | \$ - |
| 34 | Delivery/Fuel Surcharges | | | | |
| 35 | Pick-up/Delivery | Ea | | \$ 35.00 | \$ - |
| 36 | Equipment Rental Costs | | | | \$ 336.00 |
| 37 | Comments: Note: All equipment deliveries/pick-ups will have an additional \$35.00 fuel surcharge. | | | | |

SUBCONTRACTOR DETAILS

| Line | Description | Unit | Unit Price | Qty | Cost |
|------|--|------|------------|-------|------|
| 1 | | | | | \$ - |
| 2 | | | | | \$ - |
| 3 | | | | | \$ - |
| 4 | | | | | \$ - |
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| 32 | | | | | \$ - |
| 33 | | | | | \$ - |
| 34 | | | | | \$ - |
| 35 | | | | | \$ - |
| 36 | | | | | \$ - |
| 37 | Subcontractor Subtotal | | | | \$ - |
| 38 | Contractor's Markup (Predicated on contractual stipulations) | | | 5.00% | \$ - |
| 39 | Subcontractor Total | | | | \$ - |
| 40 | Comments: See attached back up documents | | | | |

QUANTITY ADJUSTMENTS

| Line | Description | Unit | Unit Price | Qty | Cost | Positive | Negative |
|------------------------------|---|------|--------------|---------|----------------|--------------|--------------|
| 1 | Additional rip-rap needed for new suction sump | CY | \$ 524.00 | 10.00 | \$ 5,240.00 | \$ 5,240.00 | |
| 2 | Additional pipe needed for revised levee profile | LF | \$ 197.00 | 19.00 | \$ 3,743.00 | \$ 3,743.00 | |
| 3 | Additional geotextile fabric for new suction sump | SY | \$ 40.00 | 80.00 | \$ 3,200.00 | \$ 3,200.00 | |
| 4 | Embankment material | CY | \$ 40.00 | -100.00 | \$ (4,000.00) | | \$ 4,000.00 |
| 5 | Infrastructure | LS | \$ 35,000.00 | -1.00 | \$ (35,000.00) | | \$ 35,000.00 |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
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| 25 | | | | | | | |
| Total Positive Adjustments | | | | | | \$ 12,183.00 | |
| Total Negative Adjustments | | | | | | | \$ 39,000.00 |
| Total of Adjusted Quantities | | | | | | \$ | (26,817.00) |
| 28 | Comments: See attached back up documents | | | | | | |

Total balanced volume : 183.060yd³ (Fill)

Total cut volume : 57.781yd³

Total fill volume : 240.841yd³

Total area : 13322.011ft²

Cut/fill min/max : 4.085' (Fill) - 3.801' (Cut)

Effective cut-fill ratio : 0.24

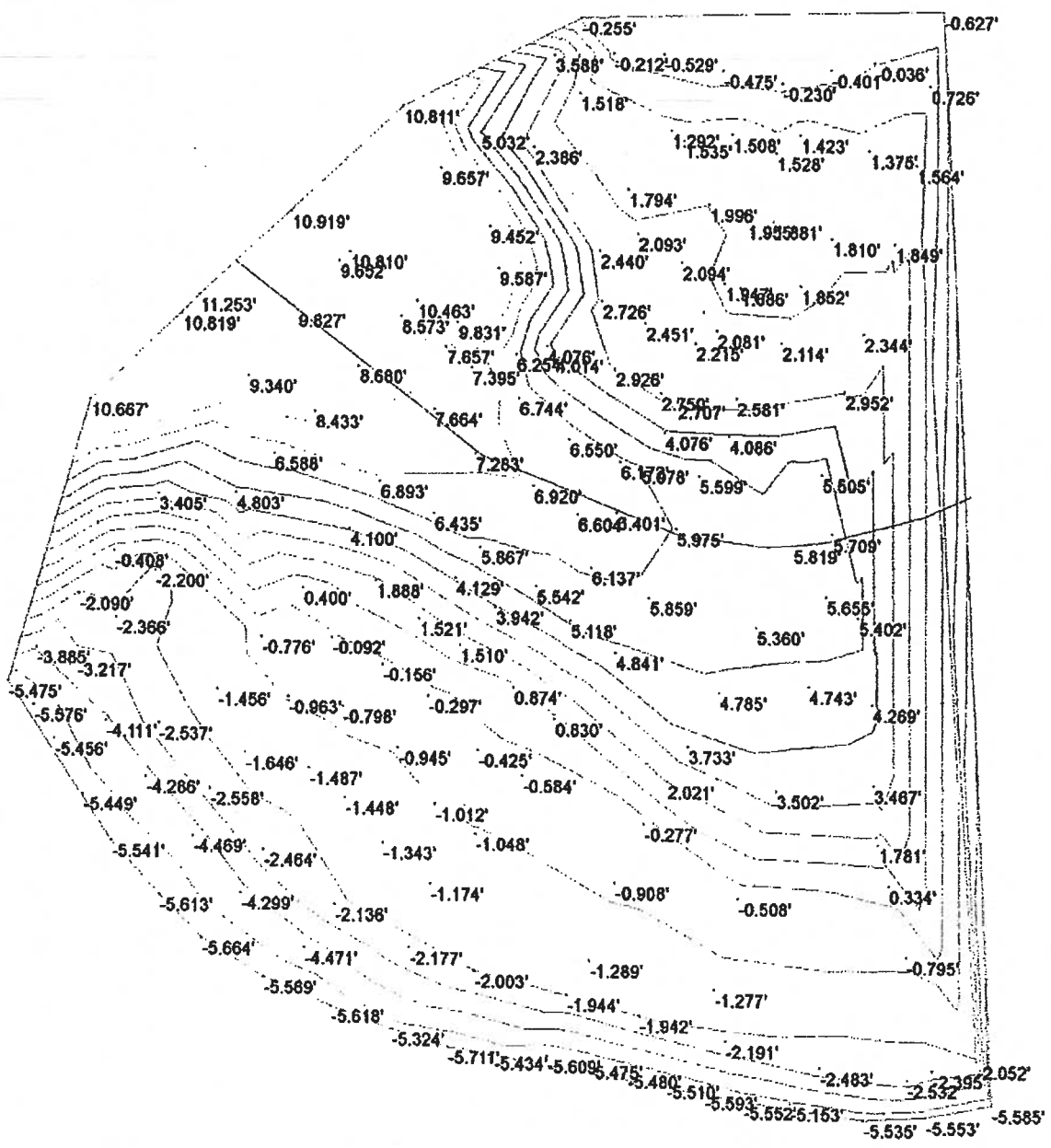
Comment :

11/19/2013

20.2'



All selected entities will be set to use their default



Comment :

Project : Dunleith Canal

C:\TOPCOM3DMC\Dunleith Canal\Dunleith Canal.tp3

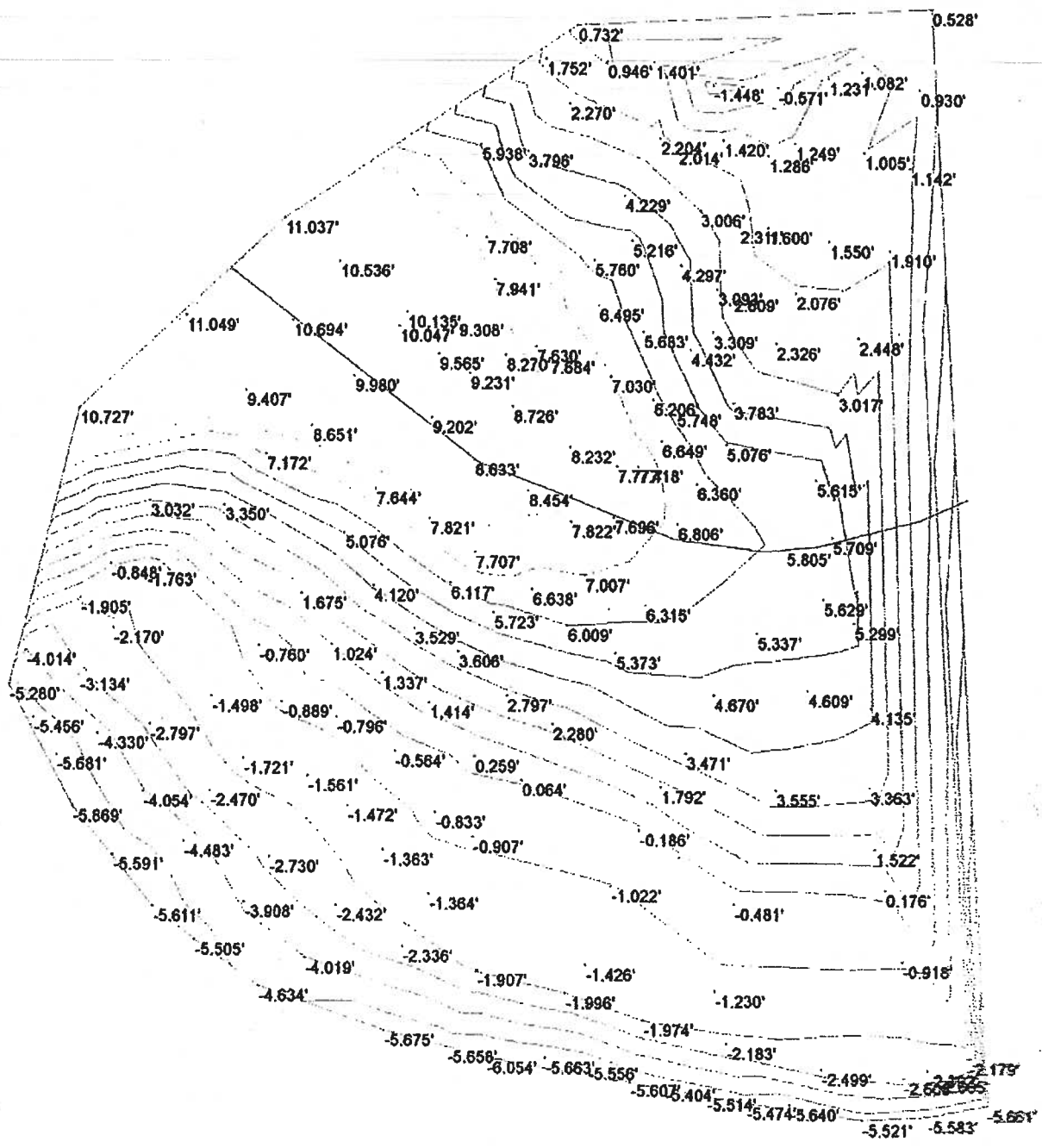
Pre-Site

11/19/2013

18.9'



All selected entities will be set to use their default



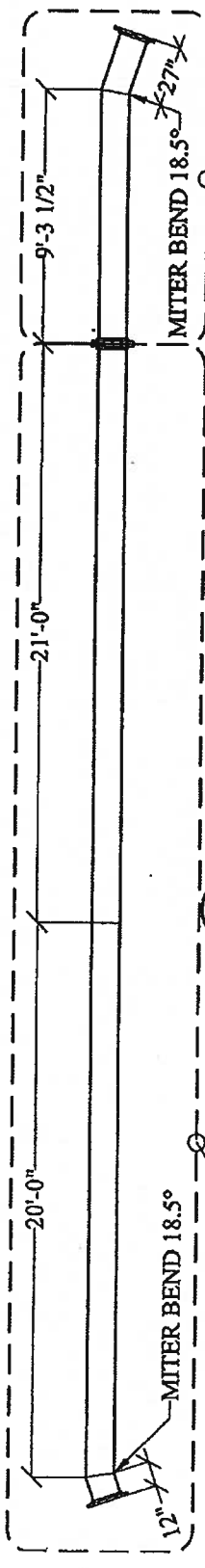
Comment :

Post-Site

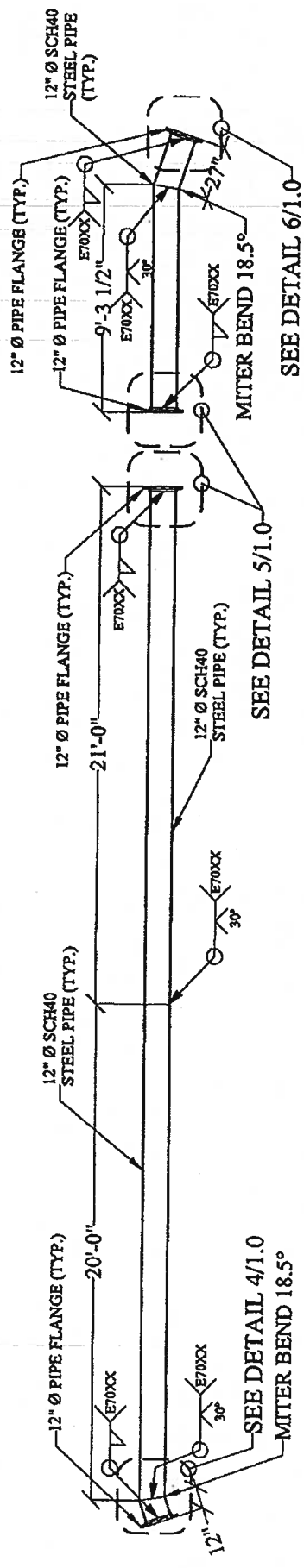
Project : Dunleith Canal

C:\TOPCOM3\DMC1\Dunleith Canal\Dunleith Canal1.tp3

11/19/2013

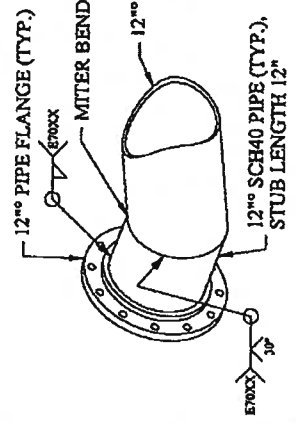


1 PIPELINE ASSEMBLY
1.0 Scale: 1/4":1'

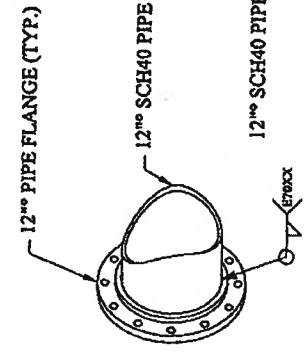


2 ASSEMBLY DETAIL
1.0 Scale: 1/4":1'

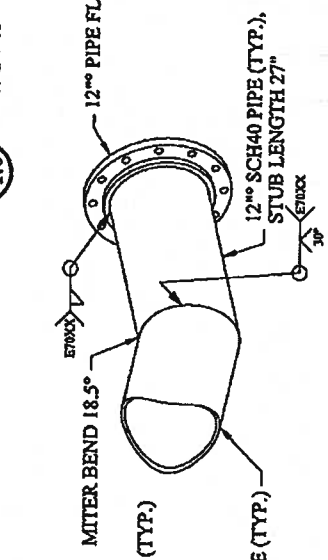
3 ASSEMBLY DETAIL
1.0 Scale: 1/4":1'



4 WELD DETAIL
1.0 Scale: N.T.S.



5 WELD DETAIL
1.0 Scale: N.T.S.



6 WELD DETAIL
1.0 Scale: N.T.S.

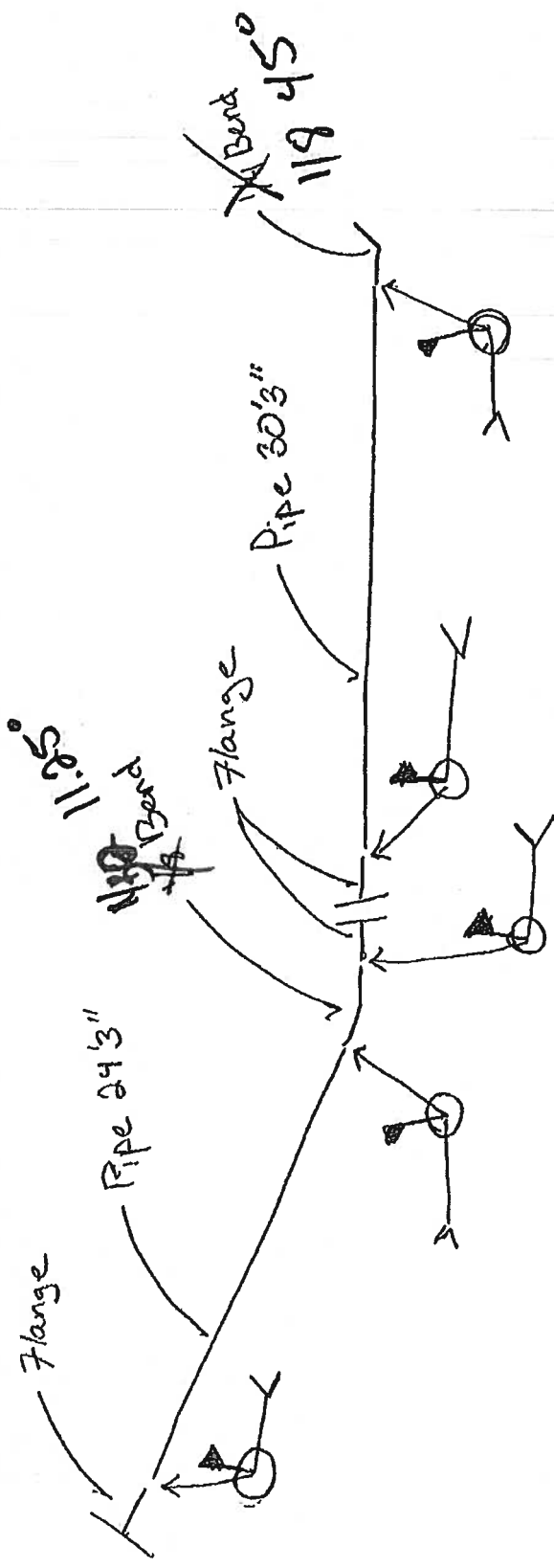
VOLUTE
REGIONAL ELECTRICAL CONSULTING

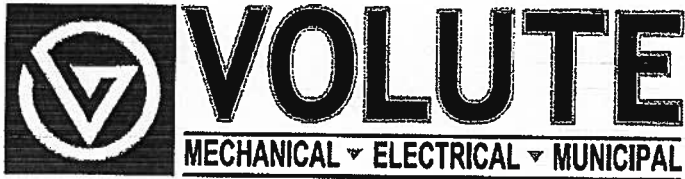
313 Venture Blvd., Houma, LA 70360
(985) 876-1187 Fax(985) 876-6251

Project: 1521 Dumbith Canal
Subject: Pipeline Shop Drawings (Pg. 1 of 1)
Date: 09Oct13 Scale: 1/4":1'
Prepared By: Lee Bourgeois, PVI

Dunleith Canal

12" Φ HDPE





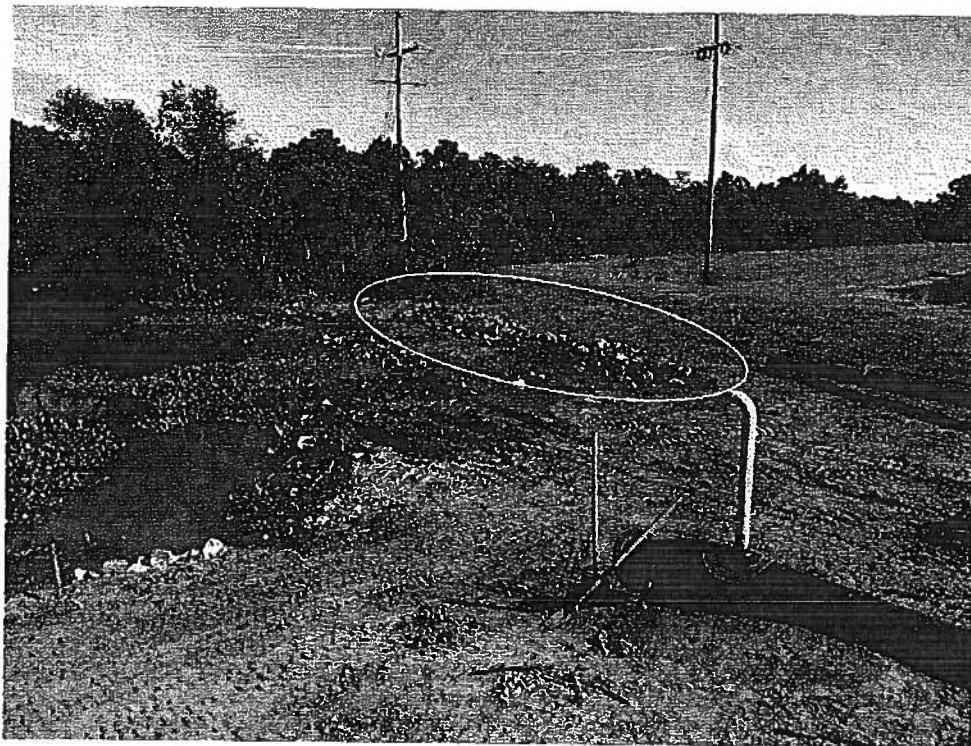
Volute, Inc.
313 Venture Boulevard
Houma, Louisiana 70360
(985) 876-6187 Fax (985) 876-6251

PROJECT NOTES

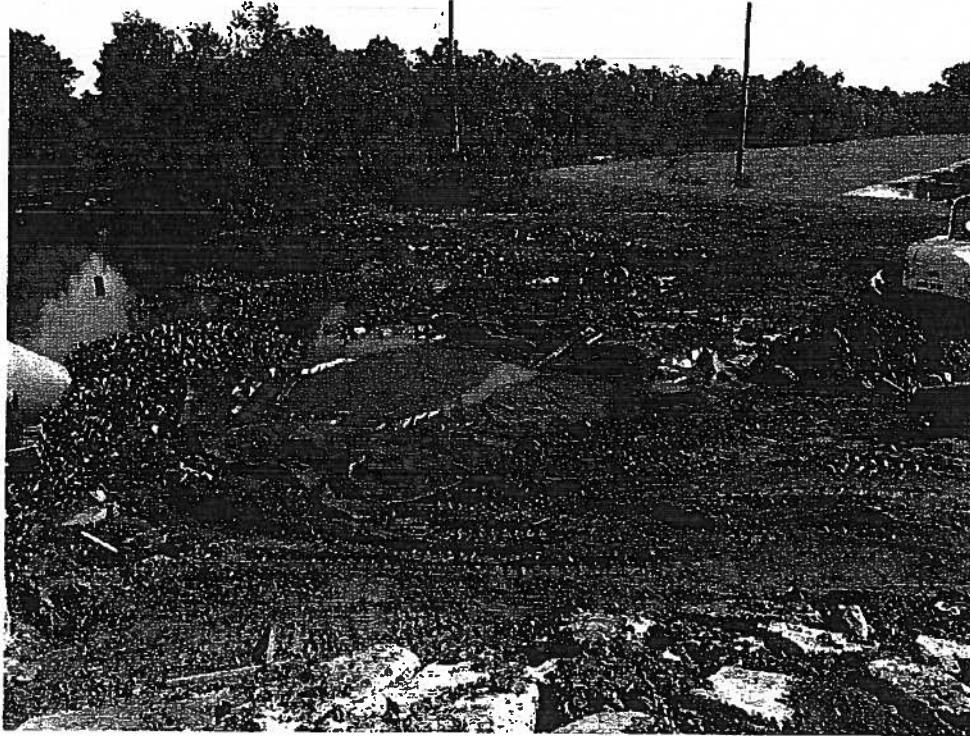
| | |
|---|--|
| Project: <u>1521/Dunleith Canal Level Recharge System</u> | |
| Address: <u>Destrehan Pump Station, Ormond Plantation, Destrehan La</u> | |
| Engineer: <u>Evan Graves</u> | Contact: <u>Stephen Lundgren</u> |
| Owner: <u>St. Charles Parish</u> | Contact: <u>Johnny Thompson</u> |
| Prime Contractor: <u>Volute, Inc.</u> | Contact: <u>Lee Bourgeois</u> |
| Contract Budget: <u>\$181,419.00</u> | LD's: <u>\$500/day</u> |
| NTP: <u>June 10, 2013; 90 days</u> | Substantial Completion: <u>Sept 13, 2013</u> |

Wednesday, November 20, 2013

Contacted Pontchartain Materials to price rip-rap that was specified for this project. Spoke with Steve, (504) 274-1654, and was quoted a price of \$40.00/ton. At the conversion rate of 1.4 tons/CY; the mass of the rip-rap that Volute salvaged from the Owner's property through the grubbing & clearing process, which is conservatively estimated to be 12CY, calculates to 16.8 tons. With the applicable taxes this would equate to a credit of \$732.48 to be extended to the Owner.



An additional quantity of 80 SY of geotextile fabric was installed in the new sump pit. This quantity is comprised of two (2) pieces of fabric each of a length of 24 LF and the fabric has a stock width of 15 LF.



CREDITS TO BE ISSUED TO OWNER

| Line | Description | Unit | Unit Price | Qty | Cost |
|------|---|------|------------|-------|-----------|
| 1 | All rip-rap supplied by Owner | Ton | \$ 43.60 | 16.80 | \$ 732.48 |
| 2 | | | | | \$ - |
| 3 | | | | | \$ - |
| 4 | | | | | \$ - |
| 5 | | | | | \$ - |
| 6 | | | | | \$ - |
| 7 | | | | | \$ - |
| 8 | | | | | \$ - |
| 9 | | | | | \$ - |
| 10 | | | | | \$ - |
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| 33 | | | | | \$ - |
| 34 | | | | | \$ - |
| 35 | | | | | \$ - |
| 36 | | | | | \$ - |
| 37 | | | | | \$ - |
| 38 | | | | | \$ - |
| 39 | Total Credits | | | | \$ 732.48 |
| 40 | Comments: See attached back up documents. Prices include applicable taxes, if any. | | | | |