

INTRODUCED BY: MATTHEW JEWELL, PARISH PRESIDENT
(DEPARTMENT OF PUBLIC WORKS)

ORDINANCE NO. 24-10-2

An ordinance approving and authorizing the execution of Change Order No. 2 for the Destrehan Pump Station (P.S.) No. 2 Conveyance Improvements, (Project No. P181101), to decrease the contract amount by \$45,522.00 and increase the contract time by 82 calendar days.

WHEREAS, Ordinance No. 19-7-3 adopted July 1, 2019, by the St. Charles Parish Council, approved and authorized the execution of a professional service multi-phase project agreement with Picciola & Associates, Inc., for providing all necessary professional engineering services for a project that increases the trash screen capacity and the size of the sump into Destrehan Pump Station (P.S.) No. 2 (Parish Project Number P181101), in the amount not to exceed \$183,375.00; and,

WHEREAS, Ordinance No. 20-7-13 adopted July 27, 2020, by the St. Charles Parish Council, approved and authorized the execution of Amendment No. 1 to Ordinance No. 19-7-3 which approved the Professional Services Agreement with Picciola & Associates, Inc., for providing necessary professional engineering services for a project that improves the hydraulic capacity into Destrehan Pump Station (P.S.) No. 2 (Parish Project Number P181101), in the amount not to exceed \$54,927.00, increasing the overall not to exceed amount to \$238,302.00; and,

WHEREAS, Ordinance No. 23-6-10 adopted June 19, 2023, by the St. Charles Parish Council, approved and authorized the execution of a Contract with Sealevel Construction, Inc., for the Destrehan Pump Station (P.S.) No. 2 Conveyance Improvements (Project No. P181101), in the amount of \$9,190,697.00; and,

WHEREAS, Ordinance No. 23-6-12 adopted June 19, 2023, by the St. Charles Parish Council, approved and authorized a Professional Services Agreement with Alpha Testing and Inspection, Inc., to perform testing services for Destrehan Pump Station (P.S.) No. 2 Conveyance Improvements (Project No. P181101), in the not to exceed amount of \$66,000.00; and,

WHEREAS, Ordinance No. 23-7-5 adopted July 10, 2023, by the St. Charles Parish Council, approved and authorized the execution of Amendment No. 2 to Ordinance No. 19-7-3 which approved the Professional Services Agreement with Picciola & Associates, Inc., to perform engineering services for the Destrehan Pump Station (P.S.) No. 2 Conveyance Improvements (Project No. P181101), in the not to exceed amount of \$111,500.00, increasing the overall not to exceed amount to \$349,802.00; and,

WHEREAS, Ordinance No. 24-4-4 adopted April 1, 2024, by the St. Charles Parish Council, approved and authorized the execution of Change Order No. 1 for the Destrehan Pump Station (P.S.) No. 2 Conveyance Improvements, (Project No. P181101), to increase the contract amount by \$66,500.00 and increase contract time by eight (8) calendar days; and,

WHEREAS, it is necessary to amend the construction contract with Sealevel Construction, Inc. again, to revise contract items for concrete and deformed reinforcing steel and add a new contract item for structural metal work due to a field change to modify the trash rake structure, to remove the contract items for fencing and cable articulated concrete bock mattress, and add contract items for repairs to scour areas and bulkhead cap and embankment, resulting in a decrease to the contract amount by \$45,522.00 and an increase to the contract time by 82 calendar days.

THE ST. CHARLES PARISH COUNCIL HEREBY ORDAINS:

SECTION I. That Change Order No. 2 for Destrehan Pump Station (P.S.) No. 2 Conveyance Improvements, (Project No. P181101), to decrease the contract amount by \$45,522.00 and increase the contract time by 82 calendar days is hereby approved and accepted.

SECTION II. That the Parish President is hereby authorized to execute said Change Order on behalf of St. Charles Parish.

The foregoing ordinance having been submitted to a vote, the vote thereon was as follows:

YEAS: MOBLEY, WILSON, SKIBA, PILIE, COMARDELLE, O'DANIELS, FISHER,
DEBRULER
NAYS: NONE
ABSENT: FONSECA

And the ordinance was declared adopted this 7th day of October, 2024, to become effective five (5) days after this publication in the official journal.

CHAIRMAN: Bob Fisher
SECRETARY: Michelle Dupont
DLVD/PARISH PRESIDENT: October 8, 2024
APPROVED: ✓ DISAPPROVED: _____

PARISH PRESIDENT: Matthew Jewell
RETD/SECRETARY: October 8, 2024
AT: 11:40 am RECD BY: [Signature]

RECORDED IN THE ST. CHARLES PARISH
CLERK OF COURT OFFICE
ON 10/9/2024
AS INSTRUMENT NO. 484574
IN MORTGAGE/CONVEYANCE/OATH BOOK

SECTION 00806

CHANGE ORDER

No. Two (2)

DATE OF ISSUANCE: August 28, 2024

EFFECTIVE DATE: 10/8/2024

OWNER St. Charles Parish

CONTRACTOR Sealevel Construction, Inc.

Contract: P181101

Project: Destrehan Pump Station No. 2 Conveyance Improvements

OWNER's Contract No. P181101

ENGINEER's Contract No. 1022-1801.10

ENGINEER Picciola & Associates, Inc.

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

Description: See attached example on how to fill in this information

1. Delete the Following Work Items:

- a. Deleted Contract Item #: 705-01-00100 Chain Link Fence (7 Foot Height)
Deletion of 174 LF at the Contract unit rate of \$45.00/Linear Foot
(-\$7,830.00). See attached Work Change Directive No. 2 for details.
- b. Deleted Contract Item #: 712-05-00100 Cable Articulated Concrete Block Mattress
Deletion of 735 SY at the Contract unit rate of \$210.00/Square Yard
(-\$154,350.00). See attached Work Change Directive No. 2 for details.

Total of Deleted Work Items = (-162,180.00)

2. Add the Following Work Items:

- a. New Contract Item #: 807-04-00100 Structural Metal Work – Modify Trash Rack Structure
Addition of \$98,480.00 (L.S.). See attached Work Change Directive No. 2
for details.
- b. New Contract Item #: S-015 Repairs to Scour Areas
Addition of \$25,400.00 (L.S.). See attached Work Change Directive No. 2
for details.
- c. New Contract Item #: S-016 Bulkhead Cap and Embankment
Addition of \$48,100.00 (L.S.). See attached Work Change Directive No. 2
for details.

Total of Added Work Items = (+171,980.00)

3. Revise the Following Work Item Quantities:

- a. Revised Contract Item #: 805-01-00100 Class A1 Concrete (Bridge Deck Slab Span)
The quantity is to be increased from 45 CU. YD. to 54 CU. YD., at the
Contract unit rate of \$4,900.00/Cubic Yard (+\$44,100.00). See attached
Work Change Directive No. 2 for details.
- b. Revised Contract Item #: 805-01-00900 Class A1 Concrete (Trash Rack Structure)
The quantity is to be decreased from 516 CU. YD. to 431 CU. YD., at the
Contract unit price of \$1,000/CU. YD. (-\$85,000.00). See attached Work
Change Directive No. 2 for details.
- c. Revised Contract Item #: 806-01-00100 Deformed Reinforcing Steel
The quantity is to be decreased from 96,691 POUNDS to 89,480
POUNDS, at the Contract unit price of \$2.00/POUND (-\$14,422.00). See
attached Work Change Directive No. 2 for details.

Total of Revised Work Items = (-\$55,322.00)

Reason for Change Order: List a reason for each Line Item listed above.

- 1. Deleted Work Items
 - a. 705-01-00100 Chain Link Fence (7 Foot Height) and 712-05-00100 Cable Articulated Concrete Block Mattress
St. Charles Parish requested these work items to be removed, as the work items would cause future maintenance issues.

2. Add Work Items

807-04-00100 Structural Metal Work – Modify Trash Rack Structure

Sealevel Construction submitted a request to modify the proposed trash rack structure, which would provide more constructability. Picciola & Associates modified the trash rack structure, which increased the structural metal work quantity.

8015 Repairs to Scour Areas

This work item was added to repair the scour areas around the existing pump station which was caused by construction related activities.

8016 Bulkhead Cap and Embankment

St. Charles Parish requested this work item to be added, as the work item would provide a safer work area around the bulkhead along the inflow canal.
3. Revise Work Item Quantities

805-01-00100 Class A1 Concrete (Bridge Deck Slab Span), 805-01-00900 Class A1 Concrete (Trash Rack Structure), and 806-01-00100 Deformed Reinforcing Steel

Sealevel Construction submitted a request to modify the proposed trash rack structure, which would provide more constructability. Picciola & Associates modified the trash rack structure, which increased the bridge deck slab span concrete quantity, decreased the trash rack structure concrete quantity, and decreased the deformed reinforcing steel quantity.

Attachments: (List documents supporting change)
Work Change Directive No. 2 dated August 19, 2024

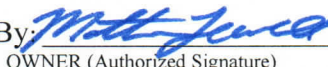
CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price \$9,190,697.00	Original Contract Times: Substantial Completion: August 14, 2024 Ready for final payment: September 28, 2024 (days or dates)
Net increase (decrease) from previous Change Orders No. 0 to 1: \$66,500.00	Net change (increase) from previous Change Orders No. 0 to No. 1: Substantial Completion: eight (8) days Ready for final payment: eight (8) days (days)
Contract Price prior to this Change Order: \$9,257,197.00	Contract Times prior to this Change Order: Substantial Completion: August 22, 2024 Ready for final payment: October 6, 2024 (days or dates)
Net increase (decrease) of this Change Order: \$(45,522.00)	Net change (increase) this Change Order: Substantial Completion: eighty-two (82) days Ready for final payment: eighty-two (82) days (days)
Contract Price with all approved Change Orders: \$9,211,675.00	Contract Times with all approved Change Orders: Substantial Completion: November 12, 2024 Ready for final payment: December 27, 2024 (days or dates)

RECOMMENDED:

By: 
ENGINEER (Authorized Signature)

Date: 09/16/24

APPROVED:

By: 
OWNER (Authorized Signature)

Date: 10/8/24

ACCEPTED:

By: 
CONTRACTOR (Authorized Signature)

Date: 9/9/24

SECTION 00805

WORK CHANGE DIRECTIVE

No. 2

DATE OF ISSUANCE: August 19, 2024

EFFECTIVE DATE: August 19, 2024

Owner: St. Charles Parish

Contractor: Sealevel Construction, Inc.

Contract: P181101

Project: Destrehan Pump Station No. 2 Conveyance Improvements

Owner's Contract No.: P181101 Engineer's Contract No.: 1022-1801.10

ENGINEER: Picciola & Associates, Inc.

Contractor is directed to proceed promptly with the following change(s):

Description: Remove chain link fence, remove cable articulated concrete block mattress, increased the bridge deck slab span concrete quantity, decreased the trash rack structure concrete quantity, decreased the deformed reinforcing steel quantity, increased the structural metal work quantity, add repairs to scour areas, and add bar screen adjustment.

Attachments: (List documents supporting change) Sealevel Construction, Inc. proposal, revised quantity spreadsheet, and Sealevel Construction RFI 03.

Purpose for Work Change Directive:

Directive to proceed promptly with the Work described herein, prior to agreeing to changes on Contract Price and Contract Time, is issued due to: *(check one)*

- ☐ Non-agreement on pricing of proposed change.
☒ Necessity to proceed for schedule or other project reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: \$(45,522.00) [increase] [decrease]

Contract Time: 82 calendar days [increase] [decrease]

Basis of estimated change in Contract Price:

- ☒ Lump Sum ☒ Unit Price
☐ Cost of the Work ☐ Other

Recommended: By: <u>[Signature]</u> Engineer (Authorized Signature)	Limited Authorization By*: By: <u>[Signature]</u> Owner's Representative*	Received: By: <u>[Signature]</u> Contractor (Authorized Signature)
Title: <u>Project Engineer</u>	Title: <u>Public Works Director</u>	Title: <u>Richard J. Roth, President</u>
Date: <u>08/27/24</u>	Date: <u>08/28/2024</u>	Date: <u>8/22/2024</u>

*Owner's Representative is not authorized to finalize a Change Order nor does the Work Change Directive substitute the Change Order process as more fully set out in the General Conditions of the Construction Contract.

Approved by Funding Agency (if applicable)

By: _____ Date: _____
Title: _____

St. Charles Parish

St. Charles Parish - Destrehan Pump Station (P.S.) No. 2 Conveyance Improvements (P181101)

Change Order 02

Item No.	Pay Item	Unit	Unit Cost	Current Contract		Change Order		Revised Contract	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
BASE BID									
201-01-00100	Removal of Structures and Obstructions	LS	\$ 93,800.00	1	\$ 93,800.00		\$ -	1	\$ 93,800.00
203-05-00100	Excavation	CY	\$ 30.00	8,868	\$ 266,040.00		\$ -	8,868	\$ 266,040.00
401-02-00100	Aggregate Surface Course (Adjusted Vehicular Measurement)	CY	\$ 190.00	140	\$ 26,600.00		\$ -	140	\$ 26,600.00
705-01-00100	Chain Link Fence (7 Foot Height)	LF	\$ 45.00	174	\$ 7,830.00	-174	\$ (7,830.00)		\$ -
711-03-00100	Riprap (2 lb)	CY	\$ 175.00	312	\$ 54,600.00		\$ -	312	\$ 54,600.00
711-04-00100	Geotextile Fabric (Class D)	SY	\$ 5.00	455	\$ 2,275.00		\$ -	455	\$ 2,275.00
712-05-00100	Cable Articulated Concrete Block Mattress	SY	\$ 210.00	735	\$ 154,350.00	-735	\$ (154,350.00)		\$ -
727-01-00100	Mobilization	LS	\$ 171,000.00	1	\$ 171,000.00		\$ -	1	\$ 171,000.00
730-09-00100	Electrical System	LS	\$ 55,000.00	1	\$ 55,000.00		\$ -	1	\$ 55,000.00
740-01-00100	Construction Layout	LS	\$ 36,000.00	1	\$ 36,000.00		\$ -	1	\$ 36,000.00
803-03-00100	Steel Sheet Pile Wall	SF	\$ 90.00	27,568	\$ 2,481,120.00		\$ -	27,568	\$ 2,481,120.00
804-01-00100	Precast Concrete Pile (14")	LF	\$ 85.00	5,500	\$ 467,500.00		\$ -	5,500	\$ 467,500.00
805-01-00100	Class A1 Concrete (Bridge Deck Slab Span)	CY	\$ 4,900.00	45	\$ 220,500.00	9	\$ 44,100.00	54	\$ 264,600.00
805-01-00900	Class A1 Concrete (Trash Rack Structure)	CY	\$ 1,000.00	516	\$ 516,000.00	-85	\$ (85,000.00)	431	\$ 431,000.00
805-19-00100	Class M Concrete (Tremie Seal)	CY	\$ 800.00	65	\$ 52,000.00		\$ -	65	\$ 52,000.00
806-01-00100	Deformed Reinforcing Steel	LB	\$ 2.00	96,691	\$ 193,382.00	-7,211	\$ (14,422.00)	89,480	\$ 178,960.00
807-04-00100	Structural Metal Work	LS	\$ 320,000.00	1	\$ 320,000.00		\$ -	1	\$ 320,000.00
807-04-00100	Structural Metal Work - Modify Trash Rack Structure - CO 02	LS	\$ 98,480.00		\$ -	1	\$ 98,480.00	1	\$ 98,480.00
910-01-00100	Lightweight Aggregate (Net Section)	CY	\$ 200.00	145	\$ 29,000.00		\$ -	145	\$ 29,000.00
NS-500-00370	Saw Cutting Concrete (Pump Station Wall)	LS	\$ 125,000.00	1	\$ 125,000.00		\$ -	1	\$ 125,000.00
S-001	Heavy-Duty Automatic Bar Screen Cleaner (Complete)	EA	\$ 220,000.00	6	\$ 1,320,000.00		\$ -	6	\$ 1,320,000.00
S-002	Calculations for Concrete Wall Cut Outs	LS	\$ 5,000.00	1	\$ 5,000.00		\$ -	1	\$ 5,000.00
S-003	Relocation of Infrastructure	LS	\$ 50,000.00	1	\$ 50,000.00		\$ -	1	\$ 50,000.00
S-004	5,000 PSI Non-Shrink Grout	CY	\$ 8,000.00	2	\$ 16,000.00		\$ -	2	\$ 16,000.00
S-005	Initial Cofferdam	EA	\$ 575,000.00	1	\$ 575,000.00		\$ -	1	\$ 575,000.00
S-006	Removal and Replacement of Cofferdam	EA	\$ 45,000.00	1	\$ 45,000.00		\$ -	1	\$ 45,000.00

St. Charles Parish

St. Charles Parish - Destrehan Pump Station (P.S.) No. 2 Conveyance Improvements (P181101)

Change Order 02

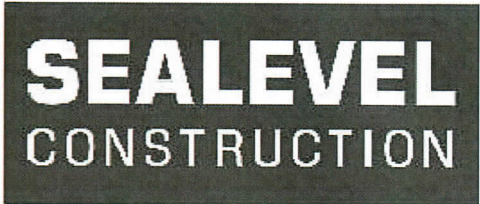
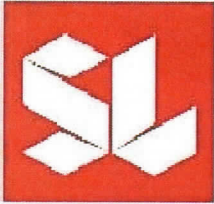
Item No.	Pay Item	Unit	Unit Cost	Current Contract		Change Order		Revised Contract	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
S-007	Final Removal of Cofferdam	EA	\$ 70,000.00	1	\$ 70,000.00		\$ -	1	\$ 70,000.00
S-012	Removal and Reinstallation of Existing Trash Screen Cleaners	LS	\$ 60,000.00	1	\$ 60,000.00		\$ -	1	\$ 60,000.00
S-013	Waterline Relocation	LS	\$ 14,000.00	1	\$ 14,000.00		\$ -	1	\$ 14,000.00
S-014	Removal and Reinstallation of Drainage Pump - CO 01	LS	\$ 66,500.00	1	\$ 66,500.00		\$ -	1	\$ 66,500.00
S-015	Repairs to Scour Areas - CO 02	LS	\$ 25,400.00		\$ -	1	\$ 25,400.00	1	\$ 25,400.00
S-016	Bulkhead Cap and Embankment - CO 02	LS	\$ 48,100.00		\$ -	1	\$ 48,100.00	1	\$ 48,100.00
ALTERNATE 1									
202-02-00010	Removal of Trash Screen	EA	\$ 63,200.00	6	\$ 379,200.00		\$ -	6	\$ 379,200.00
730-09-00100	Electrical System	LS	\$ 9,000.00	1	\$ 9,000.00		\$ -	1	\$ 9,000.00
S-008	Heavy-Duty Automatic Bar Screen Cleaner (Complete)	EA	\$ 215,000.00	6	\$ 1,290,000.00		\$ -	6	\$ 1,290,000.00
S-009	Initial Cofferdam	EA	\$ 35,000.00	1	\$ 35,000.00		\$ -	1	\$ 35,000.00
			\$ -		\$ -		\$ -		\$ -
			\$ -		\$ -		\$ -		\$ -

TOTAL

\$ 9,257,197.00

\$ (45,522.00)

\$ 9,211,675.00



1069 HWY 3185
Thibodaux, La 70301
T: 985-448-0970
E: estimating@sealevelinc.com
www.sealevelinc.com

To:	PICCIOLA & ASSOCIATES , INC.	Contact:	
Address:	P.O. BOX 687	Phone:	
	Cut Off, LA 70345	Fax:	
Project Name:	23048- Destrehan Pump Station	Bid Number:	
Project Location:		Bid Date:	

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
01	Fabricate & Coat Of 148 LF Of Sheet Pile Cap	1.00	LS	\$21,150.00	\$21,150.00
02	Install 148 LF Of Sheet Pile Cap On AZ 18-700 Sheet Piles	1.00	LS	\$18,950.00	\$18,950.00
03	Install Owner Supplied Embankment	1.00	LS	\$8,000.00	\$8,000.00
04	Install Owner Supplied 2x12's Under Existing Station To Prevent Washout	1.00	LS	\$7,500.00	\$7,500.00
05	Install Sheets And Grout At Wash Out Under Bridge Deck	1.00	LS	\$17,900.00	\$17,900.00
06	Install Deflector Plates On New Auto Trash Rakes	1.00	LS	\$33,450.00	\$33,450.00
07	Install Structural Support Under Cantilevered Deck	1.00	LS	\$22,700.00	\$22,700.00
08	Bar Screen Adjustment	1.00	LS	\$1,950.00	\$1,950.00
09	Replace HP 12x53 With W 14x90	1.00	LS	\$35,900.00	\$35,900.00
10	Flat Bar Installation & Material	1.00	LS	\$4,480.00	\$4,480.00

Total Bid Price: \$171,980.00

Notes:

- The above prices exclude test lab fees, testing, as-built drawings, on-site safety or qc personnel, pre-drilling or pre-augering, haul-off of spoils, silt fence, SWPPP, demolition, layout, surveying, pile cutoff, fire watch, pile logging, vibration monitoring, pile load tests, waste haul-off, dumpsters, design, design fees, retapping piles, weld inspection, bonds, and permits.
- If Sealevel Construction, Inc. is the successful contractor for this work, this proposal (including all technical & commercial notes/clarifications) shall become part of the contract.
- Sealevel plans to use the material excavated from the retention pond as embankment along the western side of the canal.
- Sheet pile cap to be stitch welded and not 100% welded. Testing of welds not included.
- St. Charles Parish to supply material to install under existing station to prevent future washout due to 72" pumps in item 04.
- Additional Days Requested: 35 Days
- Additional Days Requested due to Weather: 47 Days
This includes 37 rain days and 1/4 day per rain event to pump out the sump in order to work.

ACCEPTED: The above prices, specifications and conditions are satisfactory and hereby accepted. Buyer: _____ Signature: _____ Date of Acceptance: _____	CONFIRMED: Sealevel Construction, Inc Authorized Signature: _____ Estimator: Joseph Marcello 985-414-9334 jmarcello@sealevelinc.com
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1069 HWY 3185
Thibodaux, La 70301
T: 985-448-0970
E: estimating@sealevelinc.com
www.sealevelinc.com

Cost Detail

Project Name: 23048- Destrehan Pump Station	Customer: PICCIOLA & ASSOCIATES , INC.
Job Number:	Billing Address: P.O. BOX 687
Bid As:	Cut Off, LA 70345
Estimator: Joseph Marcello	Phone:
Project Address:	Contact:
Completion Date:	

Pay Items

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
D 01 - Fabricate & Coat Of 148 LF Of Sheet Pile Cap	1.00	LS	\$17,439.95	\$17,439.95
Fabricate & Coat Sheet Pile Cap	1.00	LS	\$17,439.95	\$17,439.95
Fitting Crew Specks (0.75 LS/DY, 1.33 DY)	1.00	LS	\$2,970.81	\$2,970.81
Foreman Land W/ PU & Cell	14.61	HR	\$78.82	\$1,151.42
Welder Land	14.61	HR	\$52.81	\$771.48
Laborer Land	14.61	HR	\$43.10	\$629.59
FORKLIFT Specks	1.33	DY	\$215.00	\$285.52
BIG TOOL	1.33	DY	\$100.00	\$132.80
MOBILIZATION CREW (1.00 LS/DY, 1.00 DY)	1.00	LS	\$1,559.14	\$1,559.14
Truck Driver	11.00	HR	\$49.01	\$539.14
BIG TOOL	1.00	DY	\$100.00	\$100.00
Small Supply	1.00	DY	\$100.00	\$100.00
Lowboy	1.00	DY	\$820.00	\$820.00
Specks Material	1.00	LS	\$12,910.00	\$12,910.00
D 02 - Install 148 LF Of Sheet Pile Cap On AZ 18-700 Sheet Piles	1.00	LS	\$15,630.87	\$15,630.87
Install Sheet Pile Cap	148.00	LF	\$101.90	\$15,080.87
5 Man Marine Crew (275T Crane) (59.20 LF/DY, 2.50 DY)	148.00	LF	\$101.90	\$15,080.87
Foreman Land W/ PU & Cell	27.50	HR	\$78.82	\$2,167.58
Crane Operator Land	27.50	HR	\$61.14	\$1,681.27
Welder Land [2]	55.00	HR	\$52.81	\$5,809.30
Laborer Land	27.50	HR	\$43.10	\$1,185.23
C 275T Crawler Crane	2.50	DY	\$1,495.00	\$3,737.50
BIG TOOL [2]	2.50	DY	\$100.00	\$500.00
M Small Supply	2.50	UNIT	\$100.00	\$250.00
Paint	3.00	EACH	\$100.00	\$300.00
D 03 - Install Owner Supplied Embankment	1.00	LS	\$6,482.89	\$6,482.89
Sitework Crew (0.40 CY/DY, 2.50 DY)	1.00	CY	\$6,232.89	\$6,232.89
Foreman Land W/ PU & Cell [0.5]	27.50	HR	\$78.82	\$1,083.79
Operator 1 Land	27.50	HR	\$55.59	\$1,528.64

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
 Laborer Land [2]	27.50	HR	\$43.10	\$2,370.46
 BIG TOOL	2.50	DY	\$100.00	\$250.00
 BOBCAT T-870 LOADER	2.50	DY	\$400.00	\$1,000.00
 Small Supply Land	2.50	EACH	\$100.00	\$250.00
D 04 - Install Owner Supplied 2x12's Under Existing Station To Prevent Washout	1.00	LS	\$6,167.37	\$6,167.37
 Sitework Crew (0.33 CY/DY, 3.00 DY)	1.00	CY	\$5,867.37	\$5,867.37
 Foreman Land W/ PU & Cell [0.5]	33.00	HR	\$78.82	\$1,300.55
 Laborer Land [3]	33.00	HR	\$43.10	\$4,266.82
 BIG TOOL	3.00	DY	\$100.00	\$300.00
 Small Supply Land	3.00	EACH	\$100.00	\$300.00
D 05 - Install Sheets And Grout At Wash Out Under Bridge Deck	1.00	LS	\$14,730.77	\$14,730.77
 Sitework Crew (0.50 CY/DY, 2.00 DY)	1.00	CY	\$8,481.52	\$8,481.52
 Foreman Land W/ PU & Cell	22.00	HR	\$78.82	\$1,734.06
 Operator 1 Land	22.00	HR	\$55.59	\$1,222.91
 Laborer Land [3]	22.00	HR	\$43.10	\$2,844.55
 BIG TOOL [2]	2.00	DY	\$100.00	\$400.00
 L Bobcat T-870 Loader	2.00	DY	\$250.00	\$500.00
 M 12" Pump	2.00	DY	\$555.00	\$1,110.00
 P Ice 28D Vibro [0.5]	2.00	DY	\$670.00	\$670.00
 Small Supply Land	2.00	EACH	\$100.00	\$200.00
 Concrete	10.00	CY	\$164.93	\$1,649.25
 Sheet Piles	8,800.00	LB	\$0.50	\$4,400.00
D 06 - Install Deflector Plates On New Auto Trash Rakes	1.00	LS	\$27,578.24	\$27,578.24
 Specks	11.50	DY	\$1,000.00	\$11,500.00
 Foreman Land W/ PU & Cell	44.00	HR	\$78.82	\$3,468.13
 Crane Operator Land	44.00	HR	\$61.14	\$2,690.02
 Laborer Land	44.00	HR	\$43.10	\$1,896.37
 Welder Land	44.00	HR	\$52.81	\$2,323.72
 C 165T Crawler Crane	4.00	DY	\$1,195.00	\$4,780.00
 M Big Tool	4.00	DY	\$130.00	\$520.00
 M Small Supply	4.00	UNIT	\$100.00	\$400.00
D 07 - Install Structural Support Under Cantilevered Deck	1.00	LS	\$18,709.80	\$18,709.80
 Foreman Land W/ PU & Cell	22.00	HR	\$78.82	\$1,734.06
 Crane Operator Land [0.5]	22.00	HR	\$61.14	\$672.51
 Laborer Land [2]	22.00	HR	\$43.10	\$1,896.37
 Welder Land	22.00	HR	\$52.81	\$1,161.86
 C 165T Crawler Crane [0.5]	2.00	DY	\$1,195.00	\$1,195.00
 M Big Tool	2.00	DY	\$130.00	\$260.00
 M Small Supply	2.00	UNIT	\$100.00	\$200.00
 Specks	11.59	DY	\$1,000.00	\$11,590.00
D 08 - Bar Screen Adjustment	1.00	LS	\$1,613.00	\$1,613.00
 Specks	1.61	DY	\$1,000.00	\$1,613.00
D 09 - Replace HP 12x53 With W 14x90	1.00	LS	\$30,079.47	\$30,079.47
 Specks Labor	6.76	DY	\$1,000.00	\$6,762.90

Description		Quantity	UM	Unit Direct Cost	Total Direct Cost
 Specks Equip		5.69	DY	\$1,000.00	\$5,693.85
 Specks Material		1.00	LS	\$17,622.72	\$17,622.72
 SPECKS MISC (Other) [0]		1.00	LS	\$1,000.00	\$0.00
 Specks SUB		1.00	LS	\$0.00	\$0.00
D 10 - Flat Bar Installation & Material		1.00	LS	\$3,764.82	\$3,764.82
 Installation Of Flatbar		1.00	LS	\$3,764.82	\$3,764.82
 5 Man Piling Crew (2.00 LS/DY, 0.50 DY)		1.00	LS	\$1,978.60	\$1,978.60
 Foreman Land W/ PU & Cell		5.50	HR	\$78.82	\$433.52
 Crane Operator Land		5.50	HR	\$61.14	\$336.25
 Welder Land		5.50	HR	\$52.81	\$290.47
 Pile Driver Land		5.50	HR	\$48.65	\$267.57
 Laborer Land		5.50	HR	\$43.10	\$237.05
 C 165T Crawler Crane		0.25	DY	\$1,195.00	\$298.75
 M Small Supply		0.50	DY	\$100.00	\$50.00
 M Big Tool		0.50	DY	\$130.00	\$65.00
 10" X 1/2" X 24' Flat Bar		1.79	LS	\$1,000.00	\$1,786.22

Direct Cost Totals

	Amount	Percent of Direct Cost
Labor:	\$79,160.56	55.67%
Equipment Owned:	\$21,658.42	15.23%
Equipment Rented:	\$1,110.00	0.78%
Materials Owned:	\$0.00	0.00%
Materials Purchased:	\$40,268.19	28.32%
Subcontracted:	\$0.00	0.00%
Trucking Owned:	\$0.00	0.00%
Trucking Hired:	\$0.00	0.00%
Miscellaneous:	\$0.00	0.00%
Plug:	\$0.00	0.00%
Direct Cost:	\$142,197.17	

Pay Item Summary

	Amount	Percent of Bid Price
Total Direct Cost:	\$142,197.17	82.68%
Total DC Adds/Cuts:	\$0.00	0.00%
Total Indirect Cost:	\$3,072.09	1.79%
Total Bond:	\$1,609.38	0.94%
Total Overall Cost:	\$146,878.65	85.40%
Total Overhead:	\$6,144.18	3.57%
Total Profit:	\$18,957.17	11.02%
Total Margin:	\$25,101.35	14.60%
Total Bid Price:	\$171,980.00	



1069 HWY 3185
Thibodaux, La 70301
(985) 448-0970
www.sealevelinc.com

REQUEST FOR INFORMATION

Originator to Complete this Section

RFI Number: 003.0	Project Name: Destrehan Pump Station	Date:
	Project Number: 23048	3/8/24
RFI Title: Concrete Wall Modifications		
Response Required Date: 3/14/24		
Reference Documents: IFC Sheet 11		
Originator Name: Jacques Duplantis		Company Name: Sealevel
Description of Issue/Question/Change Request: Due to the location of the South cofferdam sheet pile wall, the installation of the southern concrete wall will not be able to be installed. As shown on the attached picture, there will not be enough room to install the form work for the concrete wall due to the sheet pile wall. The further to the West (Canal Side) the less room there will be due to the slope paving and headwall at the bridge. Sealevel proposes to eliminate Northern most concrete wall and utilize the existing wall as the north side of the new trash screens and racks. This would eliminate the sheet pile between the old station and new station. The distance that the sheet pile would be made up on the southern approach slab.		
Proposed Change/ Recommended Solution: Is this acceptable?		
Will this affect the schedule and/or have cost implications? Yes ☒ No ☐		
If yes, explain: Deduct in volume of concrete for wall.		
Originator Signature: Jacques Duplantis		Date: 3/08/24

Responder to Complete this Section

Response: We currently have two options: 1. Eliminate the northernmost concrete wall and utilize the existing concrete wall to support the northernmost trash screens. We would have to evaluate the pile spacing, the bridge deck spans, and the sheet pile wall along the inflow canal as we would be eliminating a pipe support. We currently are reviewing this option to make sure this is feasible. This option would provide some cost savings to the project as there would be less concrete and rebar to construct the trash rack structure. 2. Saw cut the existing bridge headwall and slope paving to provide enough space to construct the trash rack structure as called out on the project plans. We plan to evaluate option one in the next couple of days and follow up with a clear path forward.	
Responder's Name: Marc Picciola	Company Name: Picciola & Associates
Signature:	Date: 03/12/2024





1069 Hwy. 3185
Thibodaux, LA 70302

office: 985.446.1008
fax: 985.446.1043

Bid/Job No:

Customer:

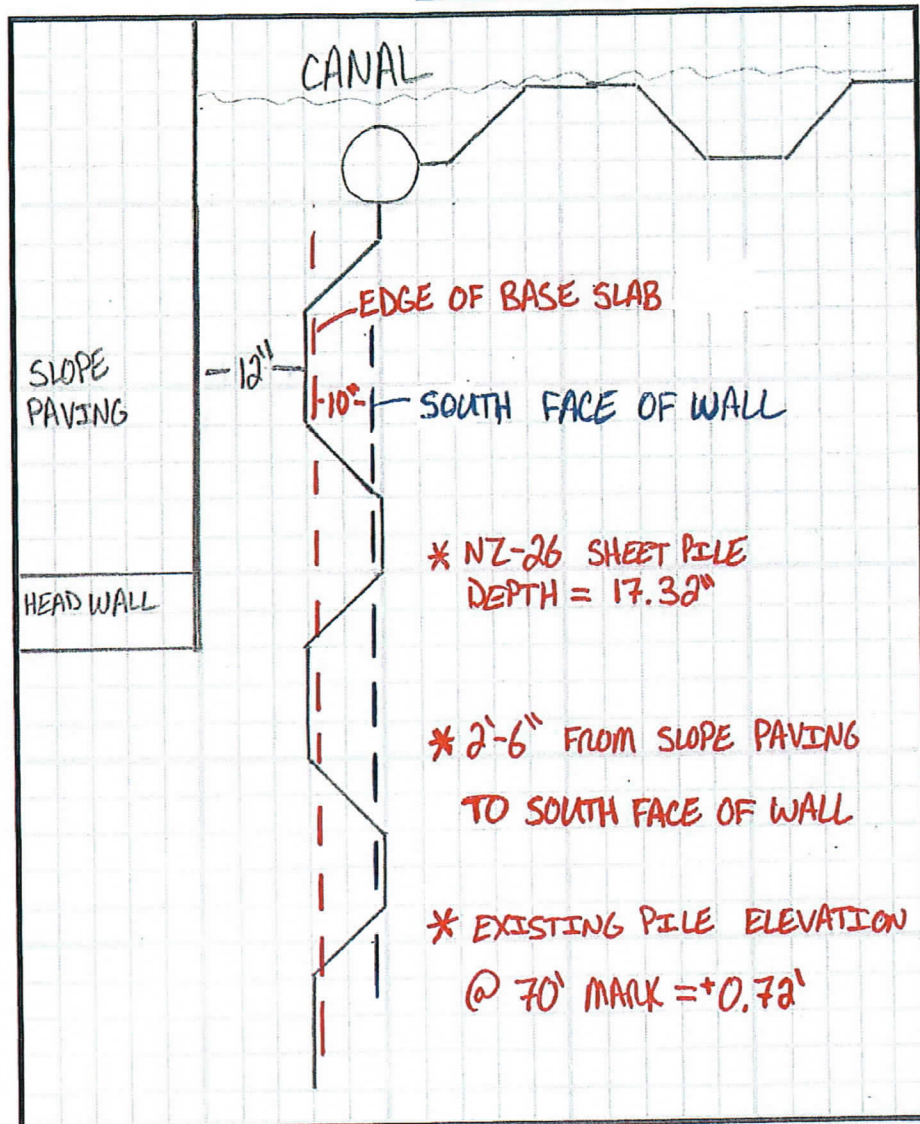
Project Desc:

Date:

By:

Sheet:

Notes:





FORMING AND SHORING EQUIPMENT
FOR CONCRETE CONSTRUCTION

CONTRACTOR:
SEALEVEL CONSTRUCTION,
INC.

PROJECT:
DESTREHAN PUMP STATION 2

RELEASE DATE:
OCTOBER 2, 2023

EFCO PROJECT NUMBER:
P343889

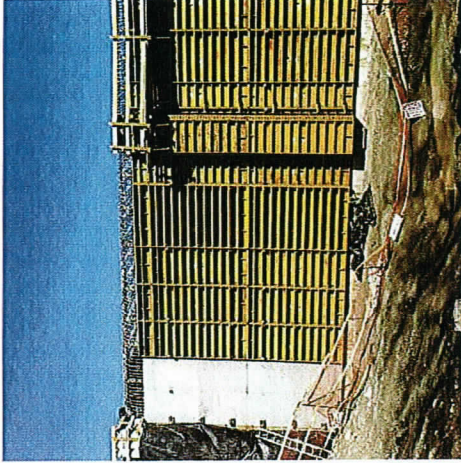
EFCO AGREEMENT NUMBER:
2374111-01

NEAREST EFCO OFFICE:

EFCO MEMPHIS
1515 S. AVALON STREET
WEST MEMPHIS, AR 72301
PHONE: (870) 400-8950
FAX: (870) 440-8951

EFCO HOME OFFICE:

EFCO CORP.
1800 N.E. BROADWAY
DES MOINES, IOWA 50313-2644
PHONE: (515) 266-1141
FAX: (515) 313-4422



INDEX	
SHEET NUMBER	SHEET NAME
COVER	PROJECT DESCRIPTION AND INDEX
001	NOTES AND SAFETY
002	NOTES AND SAFETY
ERECTION DRAWINGS	
101	TRASH RACK BAY WALL PLAN, ELEV. & SECTION VIEWS
101.1	(ALTERNATIVE) TRASH RACK BAY WALL PLAN, ELEV. & SECTION VIEWS
102	TRASH RACK SYSTEM BRIDGE SLAB PLAN VIEW & GANG BUILD-UPS
103	TRASH RACK SYSTEM BRIDGE SLAB SECTION VIEWS & TABLE BUILD-UPS
ASSEMBLING AND CYCLING PAGES	
400	PRE-BUILT TABLE LAYOUT
401	MULTI-PANEL TOWER BUILD-UP
402	PLATE GIRDER SHIM DETAIL
ASSEMBLY DETAILS	
500	DETAILS
501	DETAILS
502	DETAILS
503	DETAILS
504	DETAILS

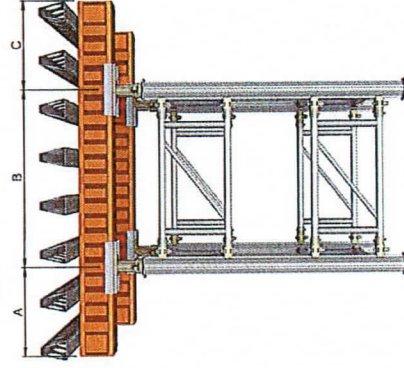
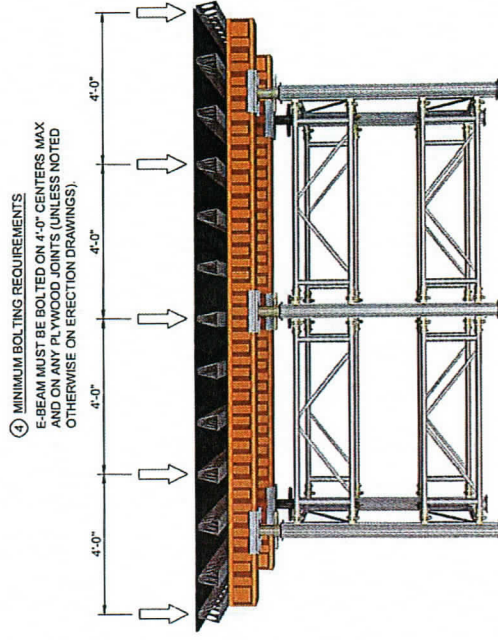
DRAWING NOTES:

- IF THE BELOW RULES ARE FOLLOWED, THERE WILL BE HOLES AVAILABLE TO BOLT THE E-BEAMS TO THE Z-BEAMS AND THE Z-BEAMS TO THE U-HEADS.

ASSUMPTIONS:
ENGINEER HAS PRE-DETERMINED APPROPRIATE
E-BEAM SPACING, TOWER AND TABLE SIZE

- 1 CHOOSE PROPER E-BEAM SPACING
E-BEAMS @ 12" & 24" CENTERS
ARROWS POINT IN THE SAME DIRECTION
- E-BEAMS @ 16" CENTERS
ARROWS POINT TOWARD EACH OTHER

- 2 STAGGERING OF Z-BEAMS



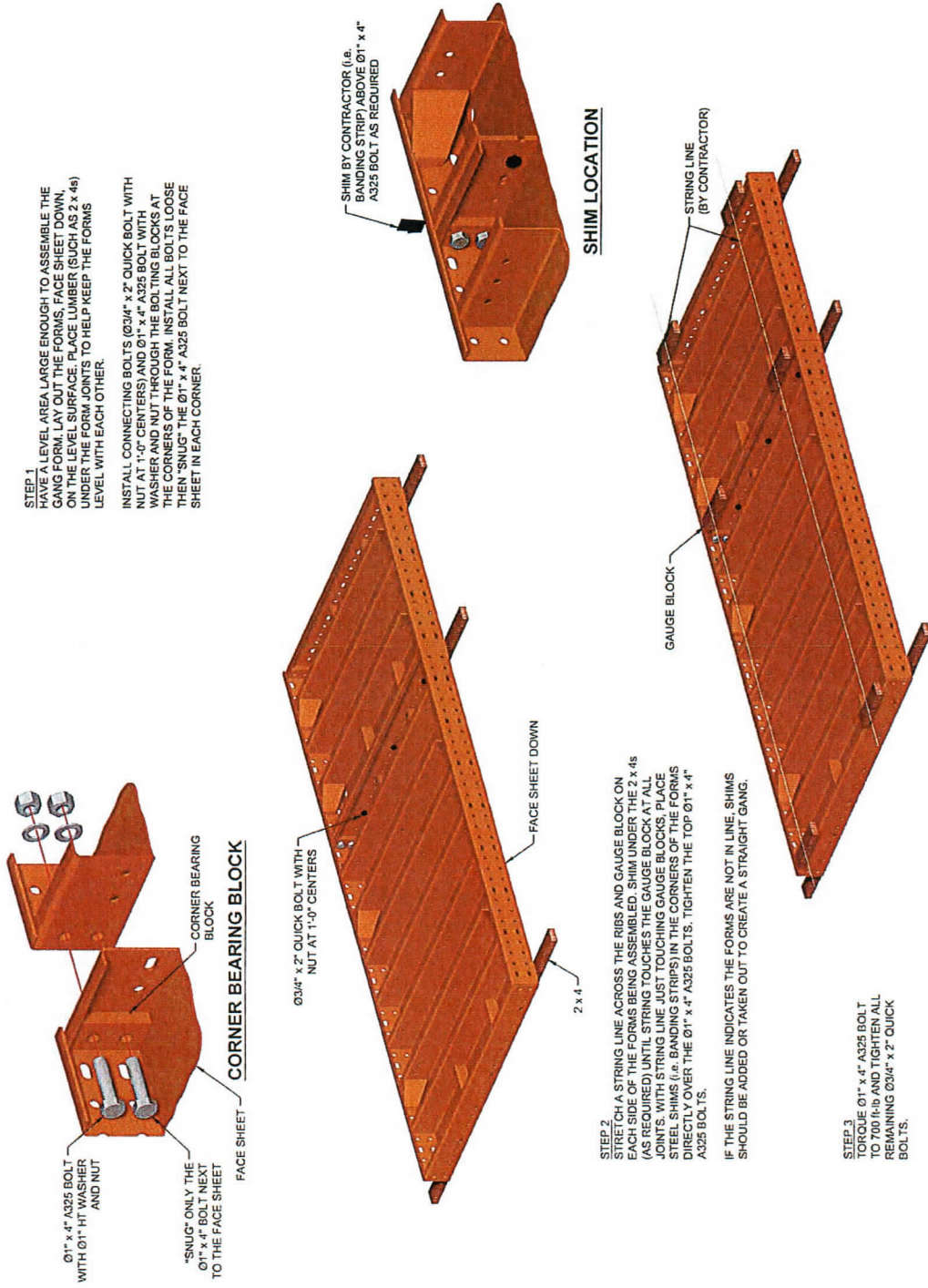
LAYING OUT PRE-BUILT E-Z DECK TABLES



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PAGE FOR CONTRACTOR'S
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[illegible]

DRAWING NOTES:

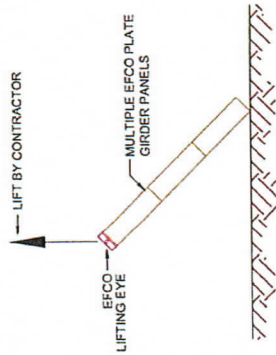


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[illegible]

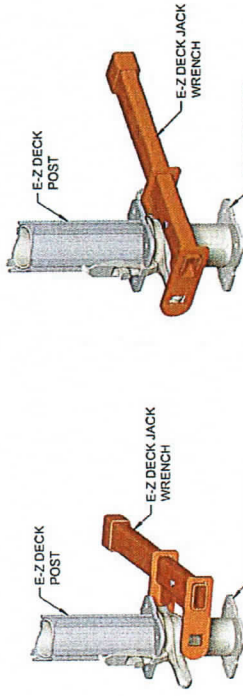
**⚠ PLATE GIRDER®
WALL STAND UP NOTICE**

PLATE GIRDER® WALL HEIGHTS GREATER THAN 20'-0" MAY REQUIRE A SPECIFIC ERECTION SEQUENCE TO AVOID DAMAGE TO THE FORMS. CONSULT EFCO ERECTION DRAWINGS FOR SPECIFIC WALL FORM STAND UP REQUIREMENTS AND PROCEDURES.

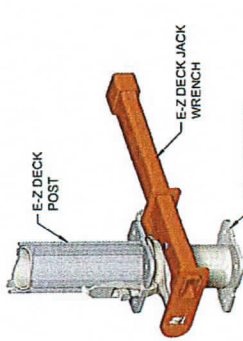


**PLATE GIRDER
WALL STAND UP**

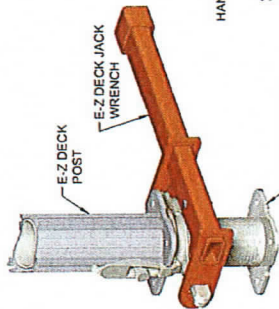
11



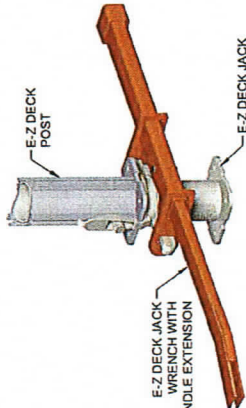
STEP 1:
INSTALL E-Z DECK JACK WRENCH
ON ONE SIDE OF WINGNUT



STEP 2:
PUSH THE WRENCH ONTO THE WINGNUT
AND INSERT THE OPPOSITE WING



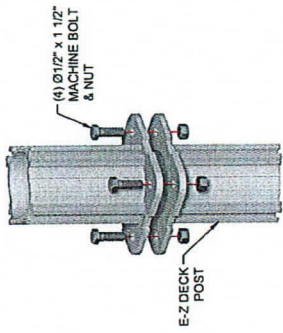
STEP 3:
PULL THE WRENCH FORWARD TO
CENTER THE WINGNUT.



STEP 4:
APPLY PRESSURE TO THE END OF THE
WINGNUT WRENCH FOR ADDITIONAL
TORQUE. ADD THE HANDLE EXTENSION.

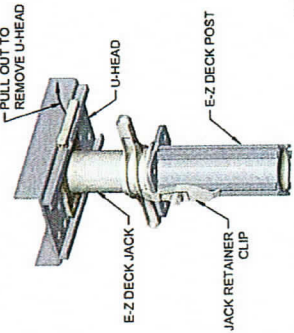
E-Z DECK JACK WRENCH PROCEDURE

12



**E-Z DECK POST JOINT
CONNECTION**

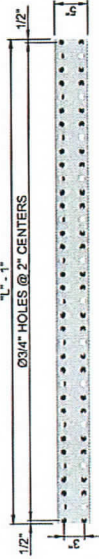
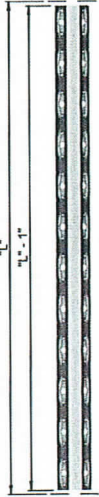
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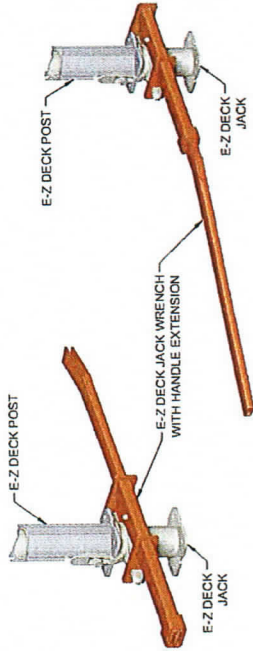
U-HEAD DETAIL

14

NOTE:
NOMINAL LENGTH OF
E-BEAM IS ROUNDED
TO EVEN FOOT
INCREMENTS. ACTUAL
LENGTH IS 1" SHORT
(1/2" ON EACH END)
OF NOMINAL LENGTH.



15



E-Z DECK JACK WRENCH EXTENSION POSITIONS

16

E-BEAM DETAIL

DRAWING NOTES:

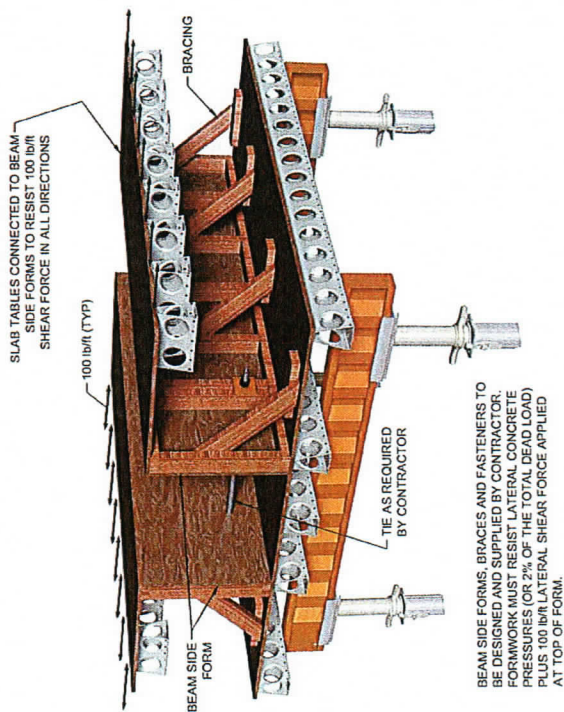


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PURPOSE WITHOUT THE WRITTEN
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NO.	REVISION	DATE	BY

DETAILS	
PROJECT:	DESTREHAN PUMP STATION 12
LOCATION:	DESTREHAN, LA
CONTRACTOR:	SEALEVEL CONSTRUCTION, INC.
DATE:	10/23/2023
DESIGNED BY:	JW
CHECKED BY:	JW
DATE:	10/23/2023
PROJECT NUMBER:	P343989
SHEET NUMBER:	501
SHEET TOTAL:	2374111-01



BEAM AND SLAB LATERAL BRACING

29

DRAWING NOTES:



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[illegible]

OCTOBER 2, 2023

FOR: CONSTRUCTION

DETAILS

DESTREHAN PUMP STATION 2

DESTREHAN I A

DESIREHAN, LA

FOR: SEALEVEL CONSTRUCTION, INC.

DATE DRAWN	15SEP23
MEMPHIS	

DATE CHECKED	P343889
PROJECT NUMBER	

22SEP23

50

1111-01 204

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