

**TOWN OF MONONGAH
MARION COUNTY, WEST VIRGINIA**

**CONTRACT #2 – PROPOSED TWO (2) NEW 530,000 GALLON WATER STORAGE
TANKS AND ONE (1) NEW 183,000 GALLON WATER STORAGE TANK**

ADDENDUM #2

September 6, 2018

Thrasher Project #101-010-0924

To Whom It May Concern:

This addendum addresses questions that were asked after the issuance of Addendum #1 and provides additional clarifications. The bid opening for this project remains the same, scheduled for 2:00 pm, L.P.T. on Thursday, September 13, 2018.

QUESTIONS AND RESPONSES:

QUESTION

1. **Are there any improvements proposed to the Tower Hill tank access road shown on plan sheet 1? The area in question is approximately 700 LF between the tank and existing cell tower?**

RESPONSE

No.

QUESTION

2. **Are there any details for the existing concrete tank that is to be demolished as shown on plan sheet 2?**

RESPONSE

No.

QUESTION

3. Are there any disposal sites for the concrete tank rubble?

RESPONSE

Yes. The area hatched and labeled mulch netting on plan sheet 2 is an approved disposal area for the concrete tank rubble. This area is also to be used to dispose of excavated material during construction of the new water tanks. Plan sheet 2 has been revised to include the following note: "Disposal site for excavated material and concrete tank to be abandoned". The revised sheet has been included with this Addendum.

QUESTION

4. On plan sheets 6 and 9, there are references to a Gridbee tank mixer on the drawings, but no information in the specifications or bid form. Can you clarify and provide a specification if needed?

RESPONSE

Tank mixers are not required for this contract. Plan sheets 6 and 9 have been revised to remove the mixers, chains, and electrical items. The revised plan sheets have been included with this Addendum.

QUESTION

5. Who is responsible for the upgrades to the access road to the Idamay tank as shown on plan sheet 12? If it is Contract #2, please include a bid item for this work.

RESPONSE

Contract #2 is responsible for the roadway upgrades. Plan sheet 12 has been revised to show a 12' wide gravel access road. A roadway detail was provided on plan sheet 7. Plan sheet 13 was revised to show a 12' wide gravel access road and an existing gas line. The revised plan sheets have been included with this Addendum. A new Bid Item has been included in the Bid Form (C-410) for the existing Idamay access road improvements. The revised Bid Form has been included with this Addendum. **YOU MUST USE THE REVISED BID FORM INCLUDED WITH THIS ADDENDUM WHEN PREPARING YOUR BID PACKAGE.**

September 6, 2018

QUESTION

6. Is United Industries Group, Inc. an acceptable manufacturer for the Glass Lined Bolted Steel Tank, as detailed in Specification Section 434111?

RESPONSE

Yes.

CLARIFICATIONS:

1. The Bid Form (C-410) has been revised and included with this Addendum. The Bid Form was revised to include information regarding Major Equipment and Bid Item #15 was added. **YOU MUST USE THE REVISED BID FORM INCLUDED WITH THIS ADDENDUM WHEN PREPARING YOUR BID PACKAGE.**
2. Plan Sheet 2 (11" x 17") has been included with this Addendum.
3. Plan Sheet 6 (11" x 17") has been included with this Addendum.
4. Plan Sheet 9 (11" x 17") has been included with this Addendum.
5. Plan Sheet 12 (11" x 17") has been included with this Addendum.
6. Plan Sheet 13 (11" x 17") has been included with this Addendum.

If you have any other questions or comments, please feel free to contact myself or David Watson at (304) 326-6113 at your earliest convenience.

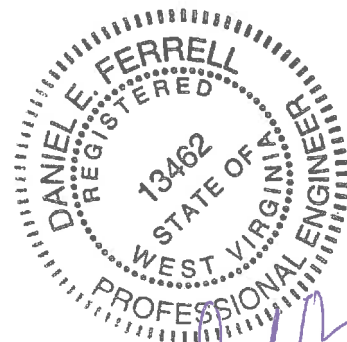
Sincerely,

THE THRASHER GROUP, INC.



DANIEL E. FERRELL, P.E.
Project Manager

Enclosures: Revised Bid Form
Plan Sheets



Handwritten signature and date: 9/6/2018

**TOWN OF MONONGAH
MARION COUNTY, WEST VIRGINIA**

**CONTRACT #2 – PROPOSED TWO (2) NEW 530,000 GALLON WATER STORAGE
TANKS AND ONE (1) NEW 183,000 GALLON WATER STORAGE TANK**

BID FORM

ARTICLE 1 – BID RECIPIENT

- 1.01 This Bid is submitted to:

Town of Monongah
430 Bridge Street
Monongah, WV 26554

- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER'S ACKNOWLEDGEMENTS

- 2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER'S REPRESENTATIONS

- 3.01 In submitting this Bid, Bidder represents that:

- A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

Addendum No.

Addendum, Date

_____	_____
_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent

to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and

4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

- 5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

MAJOR EQUIPMENT

The bidder shall list on schedule "A" equipment included as part of this bid, the manufacturer of each item of major equipment listed and referenced to the specifications.

All major equipment listed in schedule "A" is subject to qualifications in accordance with section 016000, 2.2

The total bid price shall include furnishing and installing all equipment and accessories of the manufacture as listed on schedule "A".

If the Contract is awarded based on this Bid, all items of equipment systems listed in Schedule "A" will be utilized in construction and guaranteed by the undersigned and his surety to meet the performance requirements. These requirements are defined generally in Section 016000 "Product Requirements" and more specifically in the referenced Specification section for equipment items shown on Schedule "A".

SCHEDULE "A"

MAJOR EQUIPMENT

DESCRIPTION OF ITEM

MANUFACTURER

Precast, Post-Tensioned, Concrete Tanks,
with Concrete Tank Base Slabs-Circular
Section 034300

Glass Lined Bolted Steel Tanks
Section 434111

Welded Steel Water Storage Tanks
Section 434113

**CONTRACT #2 – PROPOSED TWO (2) NEW 530,000 GALLON WATER STORAGE
TANKS AND ONE (1) NEW 183,000 GALLON WATER STORAGE TANK
FOR THE
TOWN OF MONONGAH
MARION COUNTY, WEST VIRGINIA
BID SCHEDULE**

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

Item	Quantity	Description with Unit Price Written	Unit Price	Total Price
1	LS	Mobilization/Demobilization		
			Dollars	
			Cents	
2	LS	Erosion & Sediment Control Measures		
			Dollars	
			Cents	
3	2 EA	530,000 Gallon Water Storage Tanks (62' Inside Diameter) Including Foundation, Complete		
			Dollars	
			Cents	
4	500 LF	Tower Hill – 6' Chain Link Fencing With Two (2) 6' Gates		
			Dollars	
			Cents	
5	LS	Valve Vault for Both 530,000 Gallon Tanks Including Excavation, Valves, Interior Piping, and Precast Aluminum Lid		
			Dollars	
			Cents	
6	LS	Demolish and Removal of Existing 1,000,000 Gallon Tower Hill Water Storage Tank and Foundation, Complete		
			Dollars	
			Cents	

7	LS	Relocate Control Panel Structure (Including Telemetry Unit, Conduit, and Wiring Needed for Operation)	_____ Dollars	_____ Cents
8	LS	New 183,000 Gallon Water Storage Tank and Foundation, Complete	_____ Dollars	_____ Cents
9	300 LF	Idamay – 6' Chain Link Fencing With Two (2) 6' Gates	_____ Dollars	_____ Cents
10	LS	New 183,000 Gallon Water Storage Tank Valve Vault (Including Water Line Piping, Valves, Drainage Piping, and Dump Rock Gutter Stone)	_____ Dollars	_____ Cents
11	1 EA	8" Hot Tap on Existing Water Line, Complete	_____ Dollars	_____ Cents
12	45 LF	8" Water Line	_____ Dollars	_____ Cents
13	LS	Relocate Control Panel Structure at Idamay (Including Telemetry Unit, Conduit, and Wiring Needed for Operation)	_____ Dollars	_____ Cents
14	LS	Reclamation of Disturbed Areas	_____ Dollars	_____ Cents

15 1,400 Idamay – Existing Access Road Improvements
 LF

_____ Dollars

_____ Cents _____

TOTAL BID: _____

(\$ _____)

(AMOUNTS ARE TO BE SHOWN IN BOTH WORDS AND FIGURES. IN CASE OF DISCREPANCY, THE AMOUNT SHOWN IN WORDS WILL GOVERN.)

NOTE: THE CONTRACTOR'S UNIT PRICES SHALL INCLUDE PURCHASE AND INSTALLATION, COMPLETE IN PLACE, PER BID ITEM IN ACCORDANCE WITH THE DETAILED SPECIFICATIONS.

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

ORDER OF DEDUCTIVE ALTERNATIVES

NOTICE TO BIDDER: Unit prices in Deductive Alternatives must be the same unit prices used in the bid.

DEDUCTIVE ALTERNATE #1 – TOWER HILL

Item	Quantity	Description with Unit Price Written	Unit Price	Total Price
4	500 LF	Tower Hill – 6' Chain Link Fencing With Two (2) 6' Gates		
			_____ Dollars	
			_____ Cents _____	

TOTAL DEDUCTIVE ALTERNATE #1: _____

(\$ _____)

DEDUCTIVE ALTERNATE #2 – IDAMAY

Item	Quantity	Description with Unit Price Written	Unit Price	Total Price
9	300 LF	Idamay – 6' Chain Link Fencing With Two (2) 6' Gates		
			Dollars	
			Cents	
<hr/>				
TOTAL DEDUCTIVE ALTERNATE #2:				
				(\$)

METHOD OF AWARD

If at the time this contract is to be awarded, the lowest total bid submitted by a qualified, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceed such amount, the Owner may reject all bids. The Owner may award the contract on the total bid submitted by a qualified responsible Bidder less the amount(s) of the deductive alternate(s) subtracted in numerical order, as listed in the contract to produce the lowest bid within the funds available for financing.

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
- A. Bid Opening Requirements

ARTICLE 8 – DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By:

[Signature]

[Printed name]

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

[Signature]

[Printed name]

Title:

Submittal Date:

Address for giving notices:

Telephone Number:

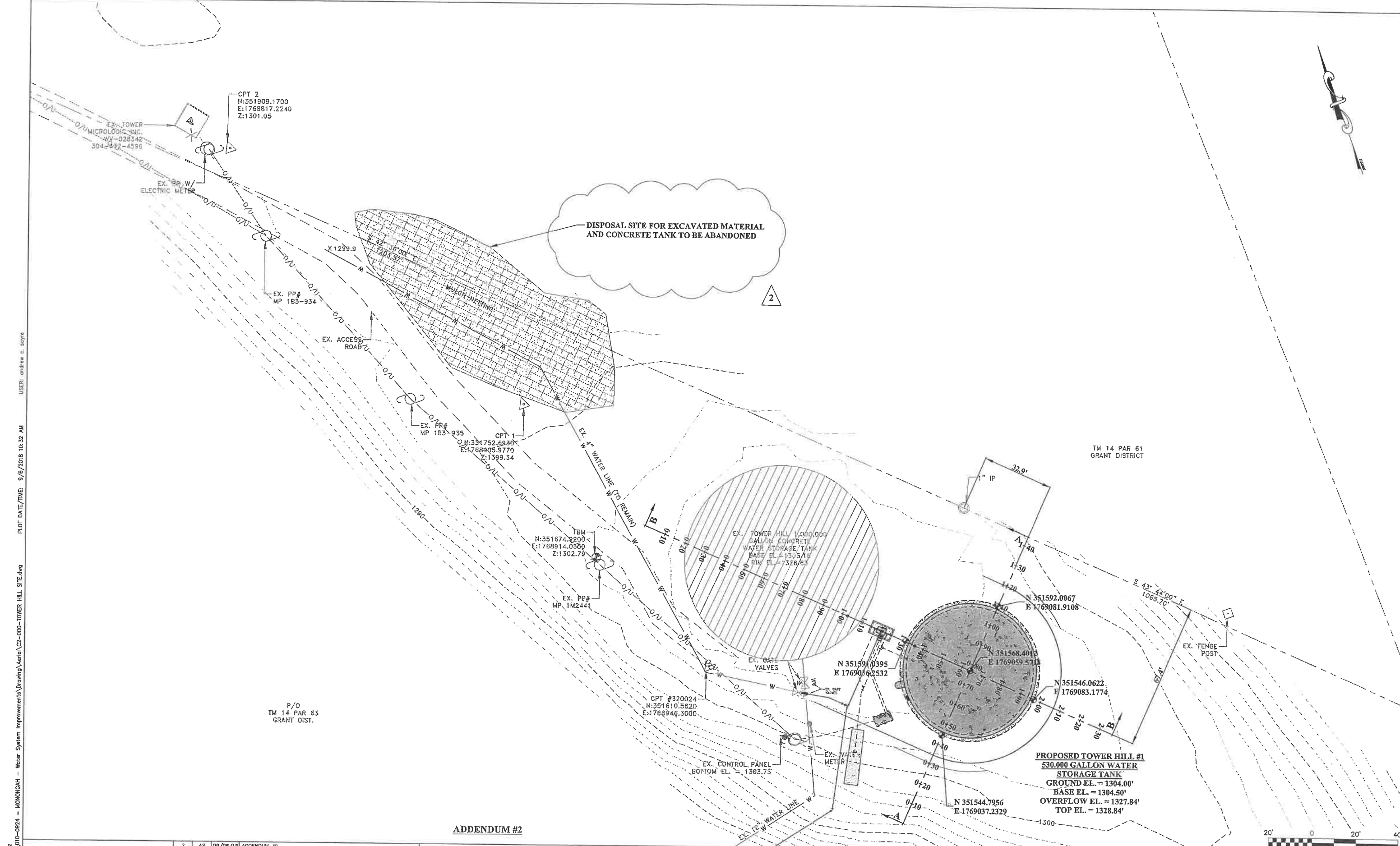
Fax Number:

Contact Name and e-mail address:

Bidder's License No.:

(where applicable)

NOTE TO USER: Use in those states or other jurisdictions where applicable or required.



2

AS

09/05/18

ADDENDUM #2

NO.

BY

DATE

DESCRIPTION

SCALE: AS NOTED

DRAWN: E. BRICK

CHECKED:

APPROVED:

SURVEY DATE:

SURVEY BY:

FIELD BOOK No.:

DATE: 2-18

DATE:

DATE:

DATE:

DATE:

DATE:

THRASHER

600 WHITE OAKS BLVD. P.O. BOX 940

BRIDGEPORT WV 26330

www.thrashereng.com

PHONE (304) 624-4108

FAX (304) 624-7831

PHASE No.

CONTRACT No.

PROJECT No.

101-010-0924

MONONGAH MUNICIPAL WATER WORKS

PROPOSED WATER STORAGE TANK

REHABILITATION PROJECT

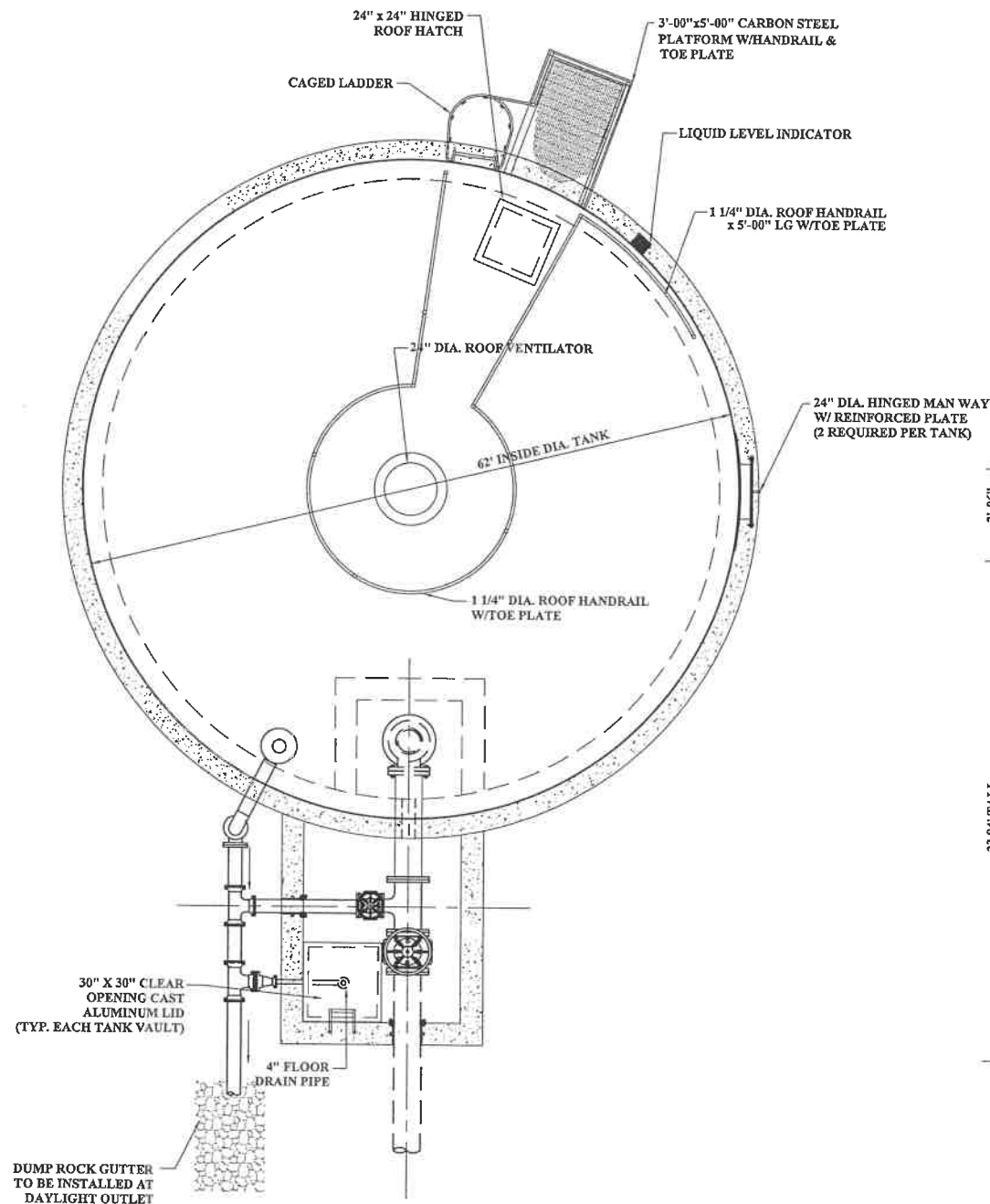
MARION COUNTY WEST VIRGINIA

PROPOSED TOWER HILL TANK #1 SITE PLAN

SHEET No.

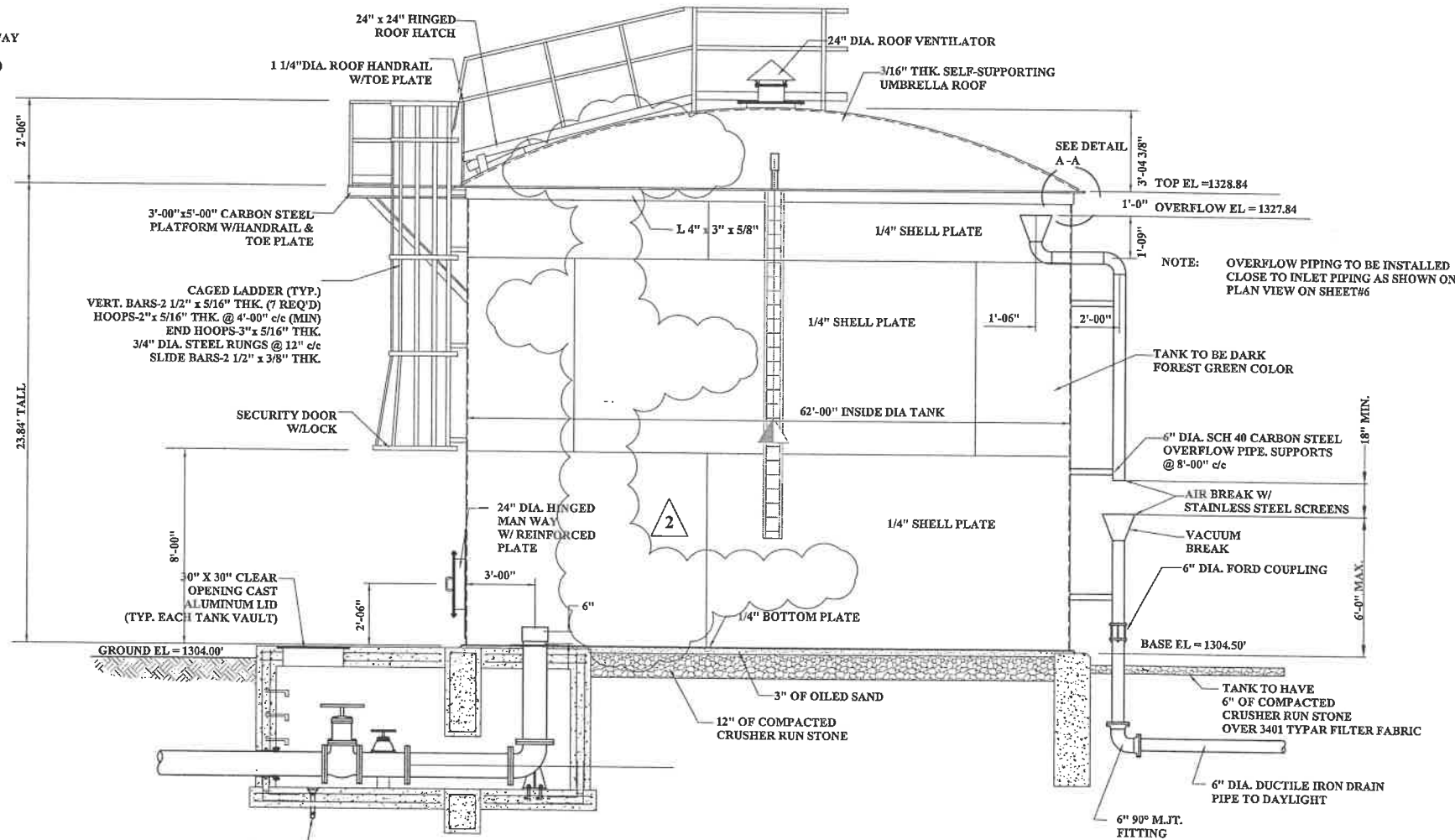
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USER: andrew c. soya
PLOT DATE/TIME: 9/6/2018 10:42 AM



PLAN VIEW
(2) PROPOSED 530,000 GALLON TOWER HILL
WELDED STEEL RESERVOIRS
NOT TO SCALE

NOTE: TANK APPURTENANCES
TO BE POSITIONED ON EACH
TANK AS SHOWN ON SHEET #6
OF PLANS



ELEVATION VIEW
(2) PROPOSED 530,000 GALLON TOWER HILL
WELDED STEEL RESERVOIRS
NOT TO SCALE

- GENERAL CONSTRUCTION NOTES
- ALL WATER LINES ARE TO BE PLUGGED AT THE END OF EACH WORKING DAY BY MEANS OF A MECHANICAL JOINT CAP OR PLUG IN ORDER TO AVOID ROCKS, ANIMALS OR OTHER OBJECTS FROM ENTERING.
 - THE TANK FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH AWWA STD. D-103 SEISMIC ZONE O, AND 100 MPH WIND VELOCITY.
 - CONTRACTOR SHALL ASSUME A 3000 PSF SOIL BEARING CAPACITY.
 - VALVE VAULT TO BE INSTALLED ON SUFFICIENT SLOPE TO DRAIN.

ADDENDUM #2

2	AS	09/06/18	ADDENDUM #2
NO.	BY	DATE	DESCRIPTION

SCALE: AS NOTED
DRAWN: E. BRICK
CHECKED: DATE: 2-18
APPROVED: DATE:
SURVEY DATE:
SURVEY BY:
FIELD BOOK No.:

THRASHER
600 WHITE OAKS BLVD. P.O. BOX 940
BRIDGEPORT WV 26330
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PHONE (304) 624-4108
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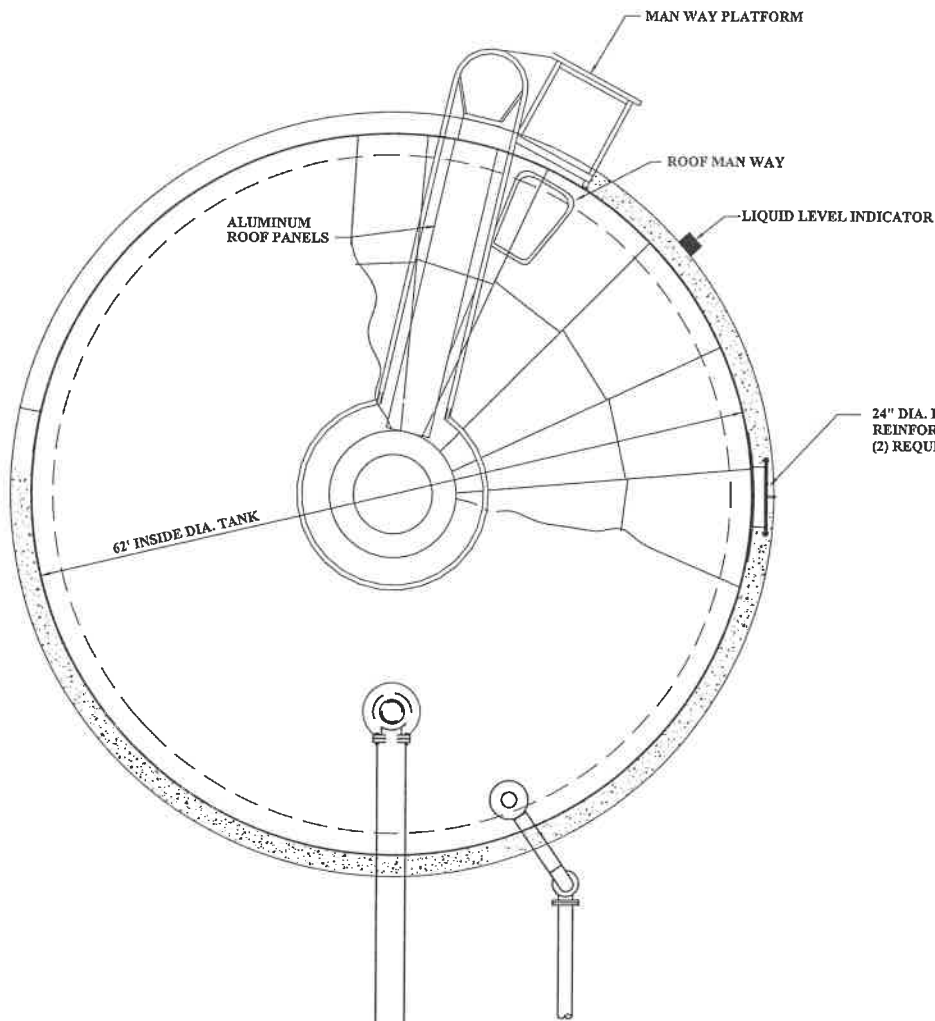
PHASE No.
CONTRACT No.
2
PROJECT No.
101-010-0924

MONONGAH MUNICIPAL WATER WORKS
PROPOSED WATER STORAGE TANK
REHABILITATION PROJECT
MARION COUNTY WEST VIRGINIA
WELDED STEEL TANK DETAILS

SHEET No.

6

LAYOUT TAB: GL1
CAD FILE: R:\010-0924 - MONONGAH - Water System Improvements\Drawing\Aerial\02-002 TANK DETAILS.dwg
PLOT DATE/TIME: 9/6/2018 10:36 AM
USER: andrew c. soye



NOTE: TANK APPURTENANCES TO BE POSITIONED ON EACH TANK AS SHOWN ON SHEET #6 OF PLANS

24\"/>

ROOF WALKWAY & GUARD RAIL

LADDER & SAFETY CAGE KIT (STEP-OFF PLATFORM REQUIREMENT IS BASED ON TANK HEIGHT)

ROOF VENT

SHELL SHEET

SHELL SHEET

62\"/>

SHELL SHEET

24\"/>

SECURITY DOOR W/LOCK

BOTTOM LADDER RUNG TO FLOOR

BOTTOM OF SAFETY CAGE TO FLOOR

7'-02\"/>

6'-00\"/>

2'-06\"/>

GROUND EL = 1304.00'

30\"/>

DUMP ROCK GUTTER TO BE INSTALLED AT DAYLIGHT OUTLET

SEE SHEET #10A FOR COMMON VALVE VAULT DETAIL

PLAN VIEW
(2) PROPOSED 530,000 GALLON TOWER HILL BOLTED STEEL RESERVOIRS
NOT TO SCALE

SEE SHEET #10A FOR COMMON VALVE VAULT DETAIL

ELEVATION VIEW
(2) PROPOSED 530,000 GALLON TOWER HILL BOLTED STEEL RESERVOIRS
NOT TO SCALE

TOP EL = 1328.84'
1'-0\"/>

NOTE: OVERFLOW PIPING TO BE INSTALLED CLOSE TO INLET PIPING AS SHOWN ON PLAN VIEW ON SHEET#6

TANK TO BE DARK FOREST GREEN COLOR

6\"/>

AIR BREAK W/ STAINLESS STEEL SCREENS

VACUUM BREAK

6\"/>

BASE EL = 1304.50'

6\"/>

- GENERAL CONSTRUCTION NOTES
- ALL WATER LINES ARE TO BE PLUGGED AT THE END OF EACH WORKING DAY BY MEANS OF A MECHANICAL JOINT CAP OR PLUG IN ORDER TO AVOID ROCKS, ANIMALS OR OTHER OBJECTS FROM ENTERING.
 - THE TANK FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH AWWA STD. D-103 SEISMIC ZONE O, AND 100 MPH WIND VELOCITY.
 - CONTRACTOR SHALL ASSUME A 3000 PSF SOIL BEARING CAPACITY.
 - VALVE VAULT TO BE INSTALLED ON SUFFICIENT SLOPE TO DRAIN.

ADDENDUM #2

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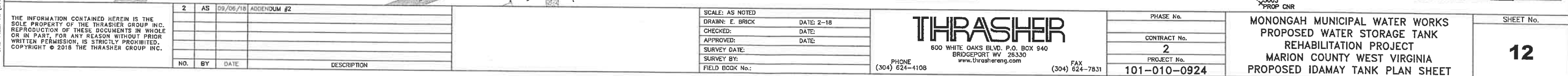
2	AS	09/06/18	ADDENDUM #2
NO.	BY	DATE	DESCRIPTION

SCALE: AS NOTED
DRAWN: E. BRICK
CHECKED: DATE: 2-18
APPROVED: DATE:
SURVEY DATE:
SURVEY BY:
FIELD BOOK No.:

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FAX (304) 624-7831

PHASE No.
CONTRACT No.
2
PROJECT No.
101-010-0924

MONONGAH MUNICIPAL WATER WORKS
PROPOSED WATER STORAGE TANK
REHABILITATION PROJECT
MARION COUNTY WEST VIRGINIA
GLASS-LINED BOLTED STEEL TANK DETAILS

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THRASHER
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MONONGAH MUNICIPAL WATER WORKS
PROPOSED WATER STORAGE TANK
REHABILITATION PROJECT
MARION COUNTY WEST VIRGINIA
PROPOSED IDAMAY TANK PLAN SHEET

SHEET No.
12

