MECO-HENEGHAN ENGINEERS, LLC
CIVIL / STRUCTURAL / ELECTRICAL / MECHANICAL ENGINEERS
3120 Palmyra Road | Hannibal, MO 63401 | P: 636-395-7055

Addendum No. 3

for

"Phase 1a – Contract B – RAW Water Transmission Main"

Illinois Alluvial Regional Water Company
Jersey County, Illinois

H&A File No. 71000-400 Contract "B"
June 5, 2025

The Contract Documents prepared by MECO-Heneghan Engineers, LLC for Phase 1a Contract "B" for the Illinois Alluvial Regional Water Company are hereby amended or clarified as follows:

PROJECT SPECIFICATIONS

Changes/additions/clarifications to the project specifications are as listed below:

General Specifications:

- An updated **BID FORM FOR CONSTRUCTION CONTRACT 6/5/25** is included with this addendum, only bids submitted on this bid form will be accepted.

- Base Bid A
  - Removed bid item #12 Ductile Iron, Class 250, 30" Tangential Fitting

- Base Bid B
  - Removed bid item #9 Ductile Iron Class 250 or HDPE Class 200, 30" Tangential Fitting

- Base Bid C
  - Removed bid item #10 Ductile Iron, Class 250, 30" Tangential Fitting

Technical Provisions:

- **Specification 011100 for Summary of Work**
  1.09 Local Utilities – add the following to B:
  - Any existing utilities encountered in the field that conflict with the proposed water main alignment and are not shown on the plans shall be relocated via a change order.

- **Specification 012200 for Unit Prices**
  1.01.04 Fire Hydrants – add the following to A:
  - This pay item includes furnishing and installation of the tee on the transmission main, as well as all associated work and fittings from the tee up to and including the hydrant assembly.

  1.01.15 Air Release Valve, Vault, and Pipe – add the following to A:
  - This pay item includes furnishing and installation of the tee on the transmission main, as well as all associated work and fittings from the tee up to and including the combination air release valve assembly.

1.02.03 Fire Hydrants – add the following to A:
- This pay item includes furnishing and installation of the tee on the transmission main, as well as all associated work and fittings from the tee up to and including the hydrant assembly.

1.02.14 Air Release Valve, Vault, and Pipe – add the following to A:
- This pay item includes furnishing and installation of the tee on the transmission main, as well as all associated work and fittings from the tee up to and including the combination air release valve assembly.

1.03.04 Fire Hydrants – add the following to A:
- This pay item includes furnishing and installation of the tee on the transmission main, as well as all associated work and fittings from the tee up to and including the hydrant assembly.

1.03.15 Air Release Valve, Vault, and Pipe – add the following to A:
- This pay item includes furnishing and installation of the tee on the transmission main, as well as all associated work and fittings from the tee up to and including the combination air release valve assembly.

- **Specification 017123 for Field Engineering and Surveying**
  1.05 Project Conditions – replace the second sentence of A with the following:
  - The Engineer shall provide ~~reference points~~ *centerline of water main* ~~and/~~or offset stakes (at approximately 100' increments and changes in horizontal direction) to enable the Contractor to proceed with the work.

  3.01 General – replace the first sentence of A with the following:
  - The Owner, through the Engineer, shall ~~furnish all boundary surveys~~ *provide right-of-way, temporary easements, permanent easements* and establish survey control points.

- **Specification 338223 for Optical Fiber Communications Transmission and Distributing Cabling**
  2.01 Manufacturers – Add Optical Cable Corporation (OCC) as an approved equal.

<u>PROJECT DRAWINGS</u>

Changes/additions/clarifications to the project specifications are as listed below:

- **Sheet CD1** – The fiber optic conduit is currently shown in a separate trench below the water main. Alternatively, it may be placed within the water main bedding, provided a minimum vertical separation of 6 inches is still maintained.

- **Sheet CD2** – The tangential fitting for the Combination Air Release/Vacuum Valve Detail has been removed and replaced with a reducing MJ tee/threaded 90 degree bend configuration.

- **Sheet CD2** – The Blow-Off Hydrant Detail currently shows a tangential tee. A reducing tee with a downward outlet and a 90-degree bend may be used in place of the tangential tee.

<u>GENERAL</u>

- HDPE pipe must be Ductile Iron Pipe Size (DIPS). Iron Pipe Size (IPS) is not permitted.

- Inside the HDPE conduit for Fiber Optic, the contractor shall provide and install a locate wire that is per 330500.2.05.D.

End of Addendum.

Seth W. Elliott

Seth W. Elliott, P.E. Project Manager

MECO-Heneghan Engineers, LLC

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BID FORM FOR CONSTRUCTION CONTRACT 6/5/25

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

ARTICLE 1—OWNER AND BIDDER

1.01 This Bid is submitted to:

Allen Davenport, President

Illinois Alluvial Regional Water Company

1004 State Highway 16, Jerseyville, IL, 62052

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—ATTACHMENTS TO THIS BID

2.01 The following documents are submitted with and made a condition of this Bid:

A. Required Bid security;

B. List of Proposed Subcontractors;

C. List of Proposed Suppliers;

D. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids;

E. Contractor's license number as evidence of Bidder's State Contractor's License or a covenant by Bidder to obtain said license within the time for acceptance of Bids;

F. Required Bidder Qualification Statement Sections, Article 1, 2, 3, 8.01, 8.03, 8.04 with supporting data; ~~and~~

G. If Bid amount exceeds $10,000, signed Compliance Statement (RD 400-6). Refer to specific equal opportunity requirements set forth in the ~~Supplementary~~General Conditions of the Construction Contract (EJCDC C-700);

H. If Bid amount exceeds $25,000, signed Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions (AD-1048);

I. If Bid amount exceeds $100,000, signed RD Instruction 1940-Q Exhibit A-1, Certification for Contracts, Grants, and Loans.

ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES

3.01 *Unit Price Bids*

A. Bidder will perform the following Work at the indicated unit prices:

REVISED 6/5/25 Base Bid A – Ductile Iron Water Main					
Item No.	**Description**	**Unit**	**Estimated Quantity**	**Bid Unit Price**	**Bid Amount**
1	30” Ductile Iron Pipe, Class 300 with zinc coating, cement lined and polyethylene wrap	LF	5,143		$
2	30” Ductile Iron Pipe, Class 200 with zinc coating, cement lined and polyethylene wrap	LF	5,085		$
3	30” Ductile Iron Restrained Joint Pipe, Class 300 with zinc coating, cement lined and polyethylene wrap	LF	1,987		$
4	30” Ductile Iron Restrained Joint Pipe, Class 200 with zinc coating, cement lined and polyethylene wrap	LF	761		$
5	Ductile Iron, Class 250, 30” x 30” x 12” Wye	EA	6		$
6	Ductile Iron, Class 250, 30” x 30” x 30” Wye	EA	1		$
7	Ductile Iron, Class 250, 30” – 45 degree bend	EA	2		$
8	Ductile Iron, Class 250, 30” – 22 ½ degree bend	EA	4		$
9	Ductile Iron, Class 250, 30” – 11 ¼ degree bend	EA	3		$
10	Ductile Iron, Class 250, 30” cap	EA	3		$
11	Ductile Iron, Class 250, 12” cap	EA	5		$
12	Ductile Iron, Class 250, Tangential Fitting	EA	0	Deleted	$ Deleted
13	Fire Hydrant with Gate Valve and Valve Box	EA	0		$
14	30” Gate Valve with Bevel Gear Actuator and Valve Box	EA	1		$
15	12” Gate Valve with Valve Box	EA	5		$
16	State Highway 100 Crossing – Jack and Bore 42” Steel Outer Casing	LF	190		$
17	State Highway 16 Crossing – Jack and Bore 42” Steel Outer Casing	LF	280		$
18	Nutwood Levee District Levee / Creek Crossing – 30” Ductile Iron Class 300 Restrained Joint Watermain	LF	200		$
19	Nutwood Levee District Levee / Creek Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	200		$
20	Branch Creek Crossing – 30” Ductile Iron Class 300 Restrained Joint Watermain	LF	150		$
21	Branch Creek Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	150		$

22	Bluff Bore – 30” Ductile Iron Class 300 Restrained Joint Watermain	LF	450		$
23	Bluff Bore – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	450		$
24	Drainageway / Valley Crossing – 30” Ductile Iron Class 200 Restrained Joint Watermain	LF	800		$
25	Drainageway / Valley Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	800		$
26	State Highway 100 Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	190		$
27	State Highway 16 Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	280		$
28	Pig Launching Station	LS	1		$
29	Pressure Relief / Surge Anticipator Station and 12” Ductile Iron Pipe, Class 250 with Restrained Joints, Cement Lined and Polyethylene Wrap	LS	1		$
30	Erosion Control	LS	1		$
31	Seeding, Fertilizing, Mulching, Soil Testing, Ripping	LS	1		$
32	Fence Repair	LF	300		$
33	Drain Tile Repair	EA	15		$
34	Backfill Type 2	LF	7,590		$
35	Backfill Type 3	LF	2,596		$
36	Backfill Type 4	LF	1,172		$
37	Backfill Type 5	LF	1,288		$
38	Backfill Type 5 Full Depth	LF	321		$
39	6” Air Release Valve, 72” Diameter Vault, And 6” Pipe	EA	5		$
40	1-1/4” HDPE Conduit, SDR 11	LF	13,186		$
41	24”x36”x36” HDPE Fiber Optic Handhold	EA	9		$
42	24 Strand Single Mode Fiber with Armored Shield	LF	15,256		$
43	Exploratory Dig – Existing Utility	EA	11		$
Total of All Unit Price Bid Items					$
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Total of All Unit Price Bid Items in Words					

REVISED 6/5/25 Base Bid B – HDPE Water Main					
Item No.	**Description**	**Unit**	**Estimated Quantity**	**Bid Unit Price**	**Bid Amount**
1	30” HDPE Pipe, Class 200	LF	13,173		$
2	Ductile Iron Class 250 or HDPE Class 200, 30” x 30” x 12” Wye	EA	6		$
3	Ductile Iron Class 250 or HDPE Class 200, 30” x 30” x 30” Wye	EA	1		$
4	Ductile Iron Class 250 or HDPE Class 200, 30” – 45 degree bend	EA	1		$
5	Ductile Iron Class 250 or HDPE Class 200, 30” – 22 ½ degree bend	EA	0		$
6	Ductile Iron Class 250 or HDPE Class 200, 30” – 11 ¼ degree bend	EA	0		$
7	Ductile Iron Class 250 or HDPE Class 200, 30” cap	EA	3		$
8	Ductile Iron Class 250 or HDPE Class 200, 12” cap	EA	5		$
9	Ductile Iron Class 250 or HDPE Class 200, Tangential Fitting	EA	0	Deleted	$ Deleted
10	Fire Hydrant with Gate Valve and Valve Box	EA	0		$
11	30” Gate Valve with Bevel Gear Actuator and Valve Box	EA	1		$
12	12” Gate Valve with Valve Box	EA	5		$
13	State Highway 100 Crossing – Jack and Bore 42” Steel Outer Casing	LF	190		$
14	State Highway 16 Crossing – Jack and Bore 42” Steel Outer Casing	LF	280		$
15	Nutwood Levee District Levee / Creek Crossing – 30” HDPE Class 200 Watermain	LF	200		$
16	Nutwood Levee District Levee / Creek Crossing – 1-1/4” HDPE SDR11 Fiber Optic Conduit	LF	200		$
17	Branch Creek Crossing – 30” HDPE Class 200 Watermain	LF	150		$
18	Branch Creek Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	150		$
19	Bluff Bore – 30” HDPE Class 200 Watermain	LF	450		$
20	Bluff Bore – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	450		$
21	Drainageway / Valley Crossing – 30” HDPE Class 200 Watermain	LF	800		$
22	Drainageway / Valley Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	800		$
23	State Highway 100 Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	190		$
24	State Highway 16 Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	280		$

25	Pig Launching Station	LS	1		$
26	Pressure Relief / Surge Anticipator Station and 12” Ductile Iron Pipe, Class 250 with Restrained Joints, Cement Lined and Polyethylene Wrap.	LS	1		$
27	Erosion Control	LS	1		$
28	Seeding, Fertilizing, Mulching, Soil Testing, Ripping	LS	1		$
29	Fence Repair	LF	300		$
30	Drain Tile Repair	EA	15		$
31	Backfill Typical	LF	12,833		$
32	Backfill Type 5 Full Depth	LF	340		$
33	Air Release Valve, Vault, And Pipe	EA	3		$
34	1-1/4” HDPE Pipe, SDR 11	LF	13,173		$
35	24”x36”x36” HDPE Fiber Optic Handhold	EA	7		$
36	24 Strand Single Mode Fiber with Armored Shield	LF	15,243		$
37	Exploratory Dig – Existing Utility	EA	11		$
Total of All Unit Price Bid Items					$
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Total of All Unit Price Bid Items in Words					

REVISED 6/5/25 Alternate Bid B-1 – HDPE Water Main					
Item No.	**Description**	**Unit**	**Estimated Quantity**	**Bid Unit Price**	**Bid Amount**
B-1a	Replace Base Bid B Item 1 with 30” PVC Pipe, Class 160 from approximate station 86+00 thru 152+50	LF	5,085		$
B-21a	Replace Base Bid B Item 21 with Drainageway / Valley Crossing – 30” HDPE Class 160 Watermain	LF	800		$
Total of All Unit Price Bid Items					$

REVISED 6/5/25 Base Bid C – PVC Water Main					
Item No.	**Description**	**Unit**	**Estimated Quantity**	**Bid Unit Price**	**Bid Amount**
1	30” PVC Pipe, Class 200	LF	9,700		$
2	30” PVC Restrained Joint Pipe, Class 200	LF	3,446		$
3	Ductile Iron, Class 250, 30” x 30” x 12” Wye	EA	6		$
4	Ductile Iron, Class 250, 30” x 30” x 30” Wye	EA	1		$
5	Ductile Iron, Class 250, 30” – 45 degree bend	EA	2		$
6	Ductile Iron, Class 250, 30” – 22 ½ degree bend	EA	7		$
7	Ductile Iron, Class 250, 30” – 11 ¼ degree bend	EA	9		$
8	Ductile Iron, Class 250, 30” cap	EA	2		$
9	Ductile Iron, Class 250, 12” cap	EA	5		$
10	Ductile Iron, Class 250, Tangential Fitting	EA	0	Deleted	$ Deleted
11	Fire Hydrant with Gate Valve and Valve Box	EA	0		$
12	30” Gate Valve with Bevel Gear Actuator and Valve Box	EA	1		$
13	12” Gate Valve with Valve Box	EA	5		$
14	State Highway 100 Crossing – Jack and Bore 42” Steel Outer Casing	LF	190		$
15	State Highway 16 Crossing – Jack and Bore 42” Steel Outer Casing	LF	280		$
16	Nutwood Levee District Levee / Creek Crossing – 30” Fusible PVC Class 200 Restrained Joint Watermain	LF	240		$
17	Nutwood Levee District Levee / Creek Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	240		$
18	Branch Creek Crossing – 30” Fusible PVC Class 200 Restrained Joint Watermain	LF	150		$
19	Branch Creek Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	150		$
20	Bluff Bore – 30” Fusible PVC Class 200 Restrained Joint Watermain	LF	450		$
21	Bluff Bore – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	450		$
22	Drainageway / Valley Crossing – 30” Fusible PVC Class 200 Restrained Joint Watermain	LF	800		$
23	Drainageway / Valley Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	800		$

24	State Highway 100 Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	190		$
25	State Highway 16 Crossing – 1-1/4” HDPE SDR 11 Fiber Optic Conduit	LF	280		$
26	Pig Launching Station	LS	1		$
27	Pressure Relief / Surge Anticipator Station and 12” Ductile Iron Pipe, Class 250 with Restrained Joints, Cement Lined and Polyethylene Wrap	LS	1		$
28	Erosion Control	LS	1		$
29	Seeding, Fertilizing, Mulching, Soil Testing, Ripping	LS	1		$
30	Fence Repair	LF	300		$
31	Drain Tile Repair	EA	15		$
32	Backfill Typical Option A or B	LF	12,811		$
33	Backfill Type 5 Full Depth	LF	334		$
34	Air Release Valve, Vault, And Pipe	EA	5		$
35	1-1/4” HDPE Pipe, SDR 11	LF	13,146		$
36	24”x36”x36” HDPE Fiber Optic Handhold	EA	10		$
37	24 Strand Single Mode Fiber with Armored Shield	LF	15,256		$
38	Exploratory Dig – Existing Utility	EA	11		$
Total of All Unit Price Bid Items					$
____					
Total of All Unit Price Bid Items in Words					

REVISED 6/5/25 Alternate Bid C-1 – PVC Water Main					
Item No.	**Description**	**Unit**	**Estimated Quantity**	**Bid Unit Price**	**Bid Amount**
C-1a	Replace Base Bid Item 1 with 30” PVC Pipe, Class 160 from approximate station 85+50 thru 152+50	LF	4,591		$
C-2a	Replace Base Bid Item 2 with 30” PVC Pipe, Class 160 from approximate station 85+50 thru 152+50	LF	1,259		
C-22a	Replace Base Bid Item 22 with Drainageway / Valley Crossing – 30” Fusible PVC Class 160 Restrained Joint Watermain	LF	800		$
Total of All Unit Price Bid Items					$

B. 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 Work will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 4—TIME OF COMPLETION

4.01 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.

4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

5.01 *Bid Acceptance Period*

A. 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.

5.02 *Instructions to Bidders*

A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 *Receipt of Addenda*

A. Bidder hereby acknowledges receipt of the following Addenda:

Addendum Number	Addendum Date

ARTICLE 6—BIDDER'S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Bidder's Representations*

A. In submitting this Bid, Bidder represents the following:

1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.

2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work**, including all Domestic Preference requirements.**

4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the ~~Supplementary~~General Conditions, with respect to the Technical Data in such reports and drawings.

5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the ~~Supplementary~~General Conditions, with respect to Technical Data in such reports and drawings.

6. 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 the Technical Data identified in the ~~Supplementary~~General Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder's (Contractor's) safety precautions and programs.

7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.

8. 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.

9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

6.02 *Bidder's Certifications*

A. The Bidder certifies the following:

1. 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.

2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.

3. Bidder has not solicited or induced any individual or entity to refrain from bidding.

4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:

   a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.

   b. 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.

   c. 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.

   d. 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.

BIDDER hereby submits this Bid as set forth above:

Bidder:

____

(typed or printed name of organization)

By: ____________________________________

(individual's signature)

Name: ____________________________________

(typed or printed)

Title: ____________________________________

(typed or printed)

Date: ____________________________________

(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest: ____________________________________

(individual's signature)

Name: ____________________________________

(typed or printed)

Title: ____________________________________

(typed or printed)

Date: ____________________________________

(typed or printed)

Address for giving notices:

____

____

Bidder's Contact:

Name: ____________________________________

(typed or printed)

Title: ____________________________________

(typed or printed)

Phone: ____________________________________

Email: ____________________________________

Address:

____

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Bidder's Contractor License No.: (if applicable) ____________________

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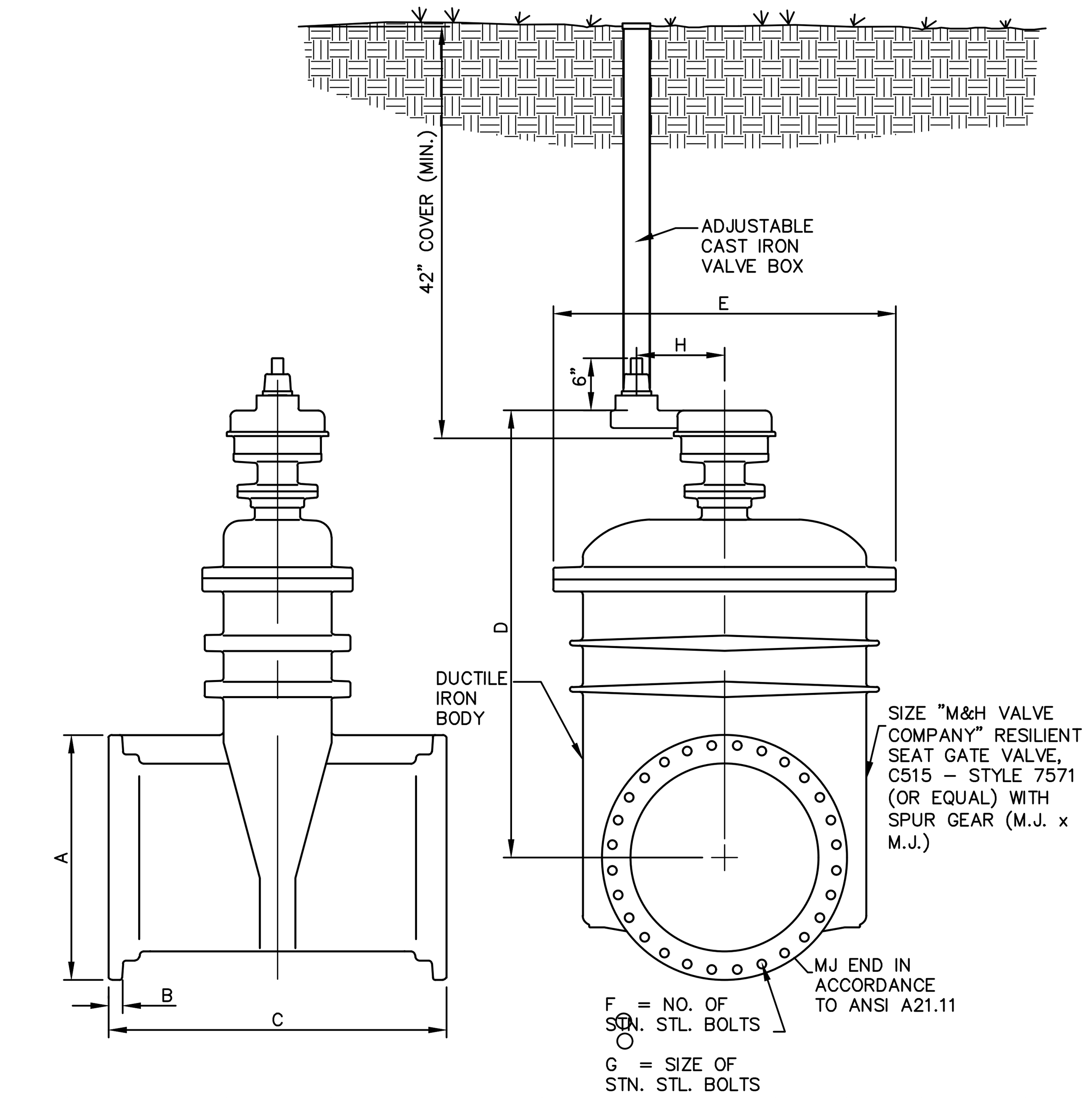
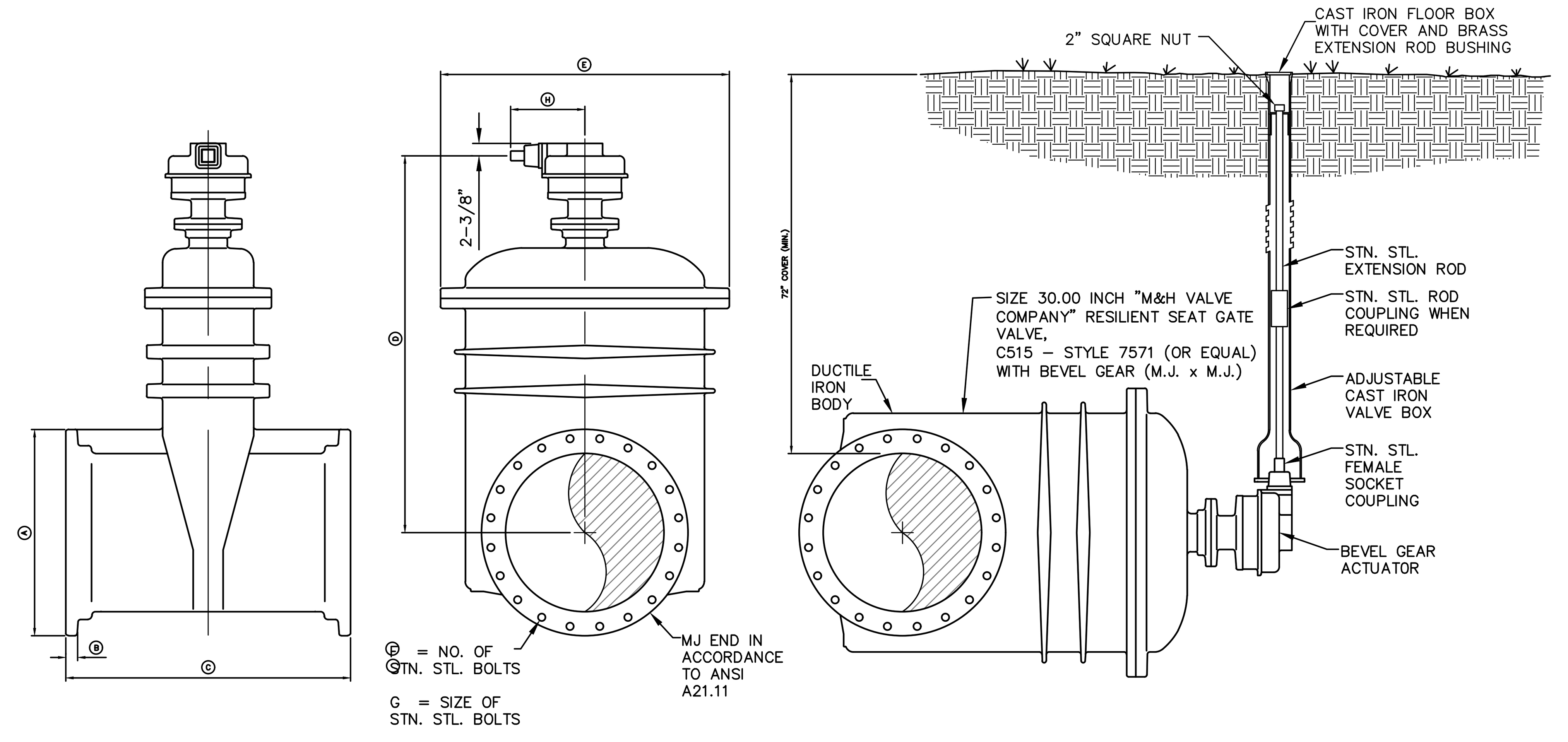


VALVE SIZE	A	B	C	D	E	F	G	H
30"	39-1/2"	1-11/16"	35-1/2"	74"	54-3/4"	20	1"	14"
36"	46-1/2"	2"	38-3/4"	83-11/16"	58-7/8"	24	1"	14"

1 / CD2 **30" AND LARGER GATE VALVE WITH SPUR GEARING**

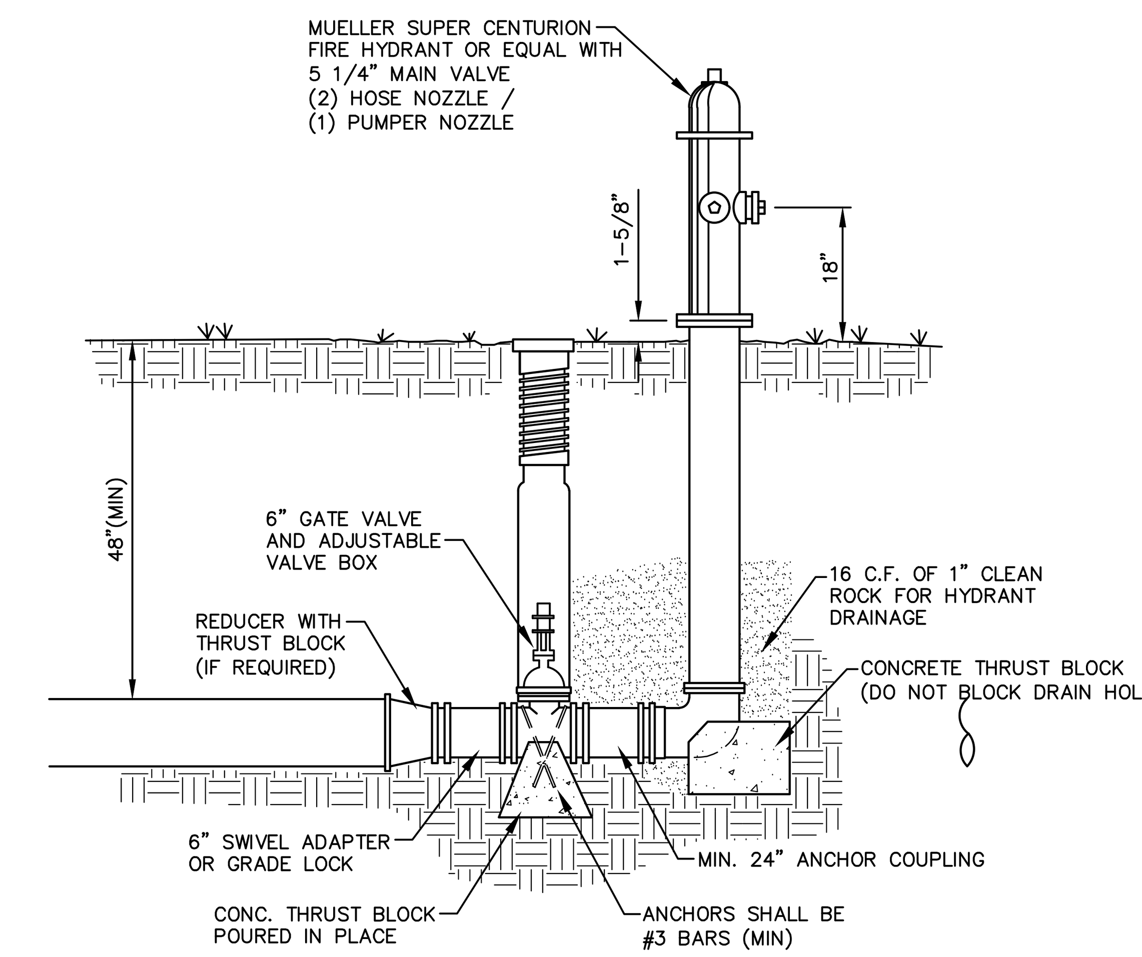
NO SCALE



VALVE SIZE	A	B	C	D	E	F	G	H
30"	39-1/2"	1-11/16"	35-1/2"	71-3/8"	54-3/4"	20	1"	14-7/8"
36"	46-1/2"	2"	38-3/4"	81-1/16"	58-7/8"	24	1"	14-7/8"

3 / CD2 **30" AND LARGER GATE VALVE WITH BEVEL GEARING**

NO SCALE

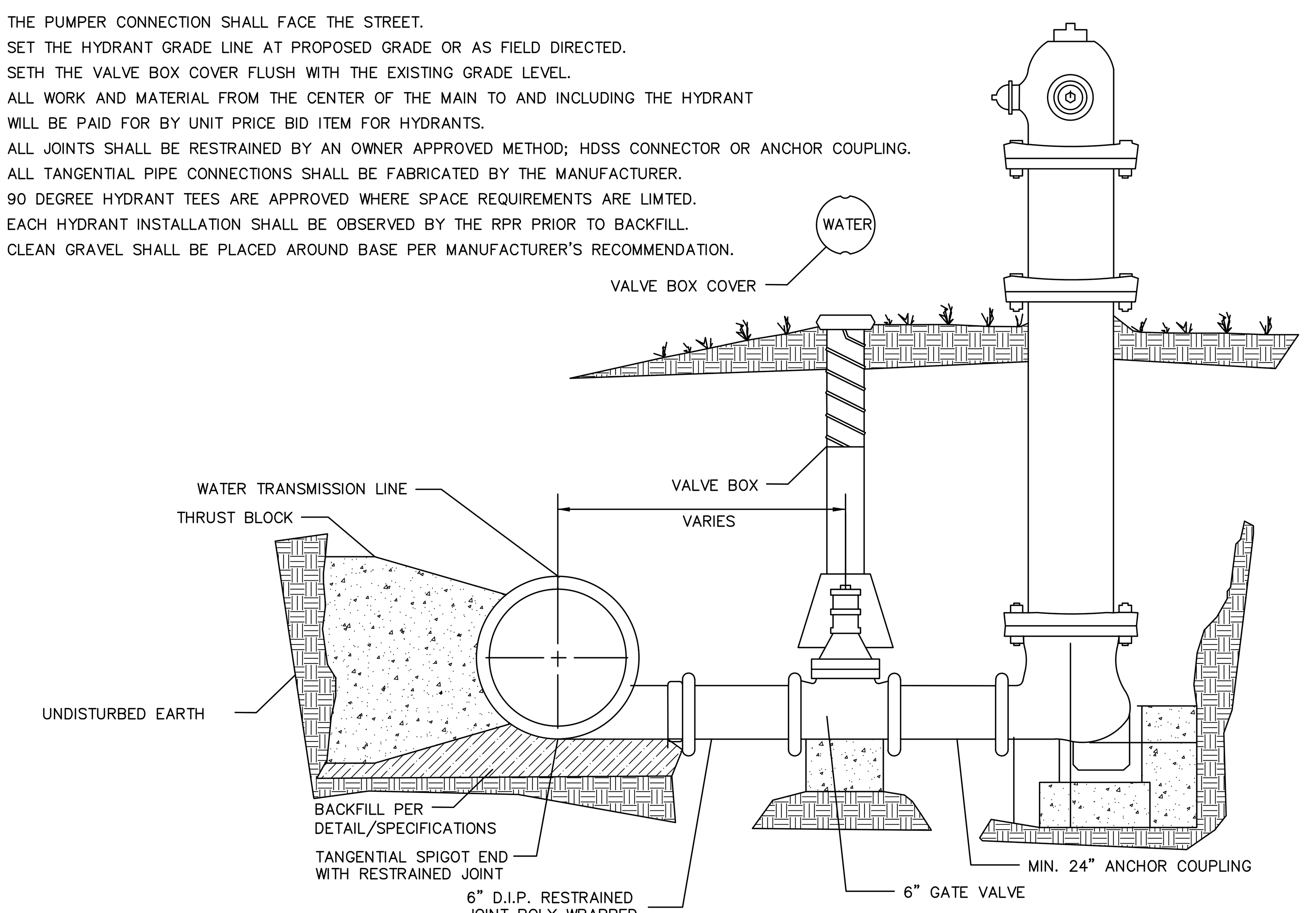


5 / CD2 **FIRE HYDRANT ASSEMBLY**

NO SCALE

NOTES:

1. THE PUMPER CONNECTION SHALL FACE THE STREET.
2. SET THE HYDRANT GRADE LINE AT PROPOSED GRADE OR AS FIELD DIRECTED.
3. SETH THE VALVE BOX COVER FLUSH WITH THE EXISTING GRADE LEVEL.
4. ALL WORK AND MATERIAL FROM THE CENTER OF THE MAIN TO AND INCLUDING THE HYDRANT WILL BE PAID FOR BY UNIT PRICE BID ITEM FOR HYDRANTS.
5. ALL JOINTS SHALL BE RESTRAINED BY AN OWNER APPROVED METHOD; HDSS CONNECTOR OR ANCHOR COUPLING.
6. ALL TANGENTIAL PIPE CONNECTIONS SHALL BE FABRICATED BY THE MANUFACTURER.
7. 90 DEGREE HYDRANT TEES ARE APPROVED WHERE SPACE REQUIREMENTS ARE LIMTED.
8. EACH HYDRANT INSTALLATION SHALL BE OBSERVED BY THE RPR PRIOR TO BACKFILL.
9. CLEAN GRAVEL SHALL BE PLACED AROUND BASE PER MANUFACTURER'S RECOMMENDATION.



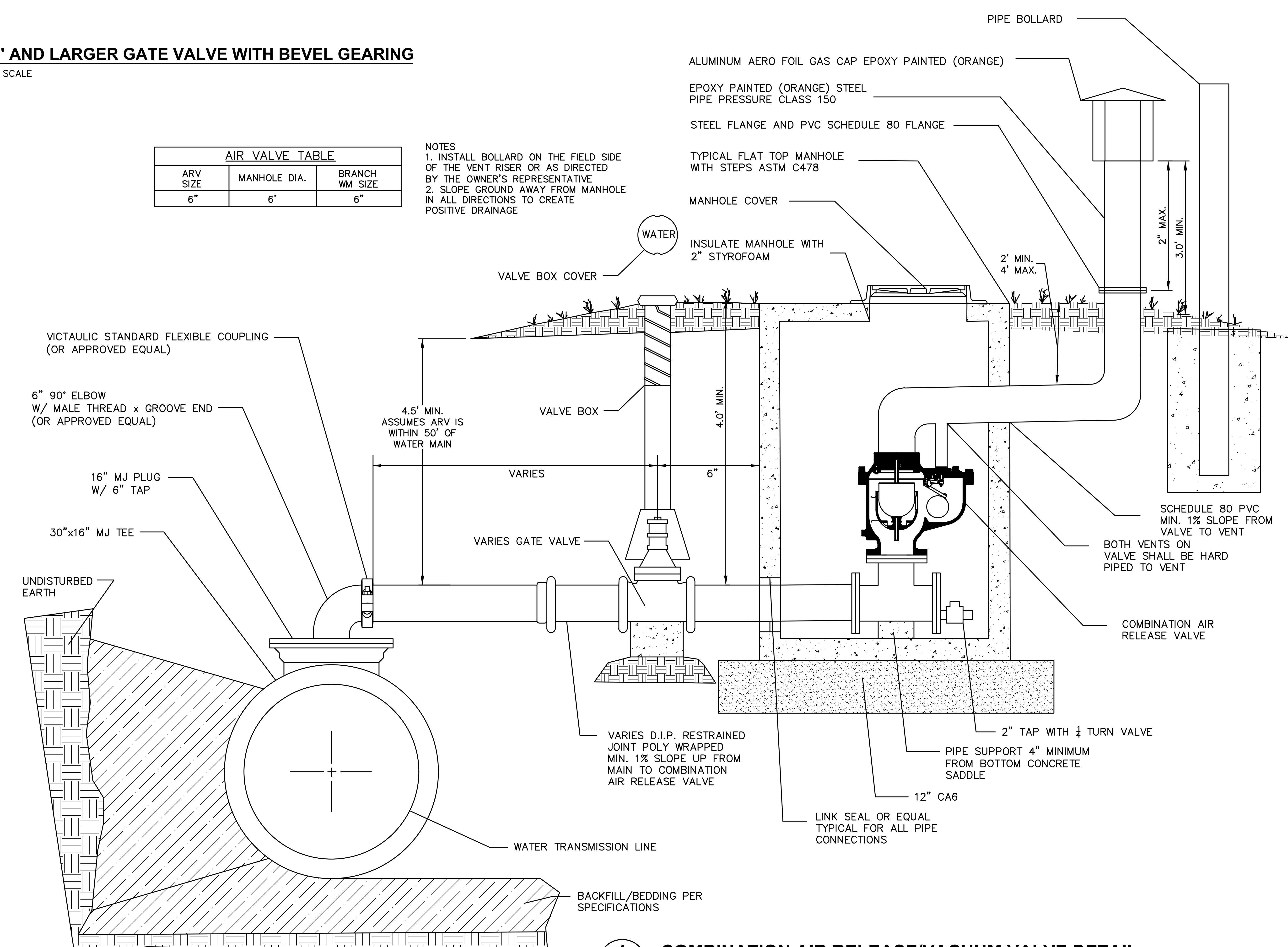
2 / CD2 **BLOW-OFF HYDRANT DETAIL**

NO SCALE

AIR VALVE TABLE

ARV SIZE	MANHOLE DIA.	BRANCH WM SIZE
6"	6'	6"

NOTES
1. INSTALL BOLLARD ON THE FIELD SIDE OF THE VENT RISER OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE
2. SLOPE GROUND AWAY FROM MANHOLE IN ALL DIRECTIONS TO CREATE POSITIVE DRAINAGE



4 / CD2 **COMBINATION AIR RELEASE/VACUUM VALVE DETAIL**

NO SCALE

MECO-HENEGHAN
ENGINEERS, LLC
www.meco-heneghan.com
DESIGN FIRM NUMBERS:
IL: 184.007845-0010
035.003949
EXPIRES: APRIL 30, 2025
MO: 2018004041
EXPIRES: DECEMBER 31, 2026
3120 PALMYRA ROAD
HANNIBAL, MO 63401
P: (636) 395-7055

REVISIONS

NO.	DATE	

ADDENDUM NO. 3

CONTRACT "B"
RAW WATER TRANSMISSION MAIN
TYPICAL DETAILS

ILLINOIS ALLUVIAL REGIONAL WATER COMPANY
JERSEY & MACOUPIN COUNTIES, ILLINOIS

DRAWN BY: MNM
CHECKED BY: TAM
APPROVED BY: SWE
HORIZONTAL SCALE: AS SHOWN
VERTICAL SCALE:
PROJECT NO. 700-003
DATE: 3/22/2025
SHEET NO. CD2

PATH=v:\700003-003\contract b - rw transmission main\700003 c11-c12-c14 typical details.dwg
PLOTTED: 6/4/2025 @ 4:08:50 PM BY meyer, tyler

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