

ADDENDUM NO. 3

**HIGH SERVICE PUMP #12 AND #13 REPLACEMENT
KENTUCKY RIVER STATION NO. 1
KENTUCKY AMERICAN WATER**

November 2, 2017

All Bidders on the above titled Project are hereby advised of the following modifications to the Specifications and Drawings on the Project. These modifications will be a part of the resulting Contract.

SPECIFICATIONS

Item No. AD3-1: Invitation to Bid (Section IB)

Article 24- Contracts to Be Assigned, delete Part 24.01 in its entirety and replace with the following: "Not Used". Delete Part 24.02 in its entirety.

Item No. AD3-2: Bid Form (Section BF)

The attached revised Bid Form is issued for submittal of the Bid.

Item No. AD3-3: Special Conditions (Section 01 30 00)

Part 1, add Subpart 1.11 as follows:

"1.11 CLEARWELL PROTECTION AND ACCESS

- A. Water in clearwell below pump room floor is potable water and must be protected from debris and contamination during construction. This includes oils, slurry and debris from concrete coring/drilling activities. Any temporary materials, forms, etc. introduced into the clearwell must be suitable for potable water environment and must not be chemically treated. Pump columns on new pumps must be disinfected before placement in the clearwell.
- B. Before any Contractor personnel can enter clearwell, high service pumps must be shut down and proper lockout/tagout procedures followed. Shutdown must be planned in advance and coordinated with Kentucky American Water."

Item No. AD3-4: Segmental Retaining Wall (Section 32 32 23)

Part 1, Subpart 1.5 B. delete the existing sentence and replace with the following:

- "B. Wall will be surcharged by a mobile construction crane and normal HS20 vehicular traffic, at low frequency. Details of crane to be used shall be provided by Contractor."

Item No. AD3-5: Butterfly Valves (Section 40 05 64)

Part 1, Subpart 1.1 A. delete and replace with the following:

“Section includes Butterfly Valves (Owner Furnished).”

DRAWINGS

Item No. AD3-6: Control Building Site Plan (Sheet 01C101)

Delete tree notes and replace with the following:

“Existing three trees along service drive to be removed and disposed of, including stumps. Trees to be replaced with trees or landscape plantings as directed by Kentucky American Water per the Landscape Allowance. Confirm location of septic area with KAW.”

Delete “Reinforced Concrete Retaining Wall” and replace with “Segmental Retaining Wall”.

Add the following notes to the Drawing:

- “1. Area inside retaining wall to be paved per detail, Sheet 01C501. Crane setup area to be between building and retaining wall.
2. Contractor to locate and determine elevation of existing 24-inch high service piping and 24-inch clearwell drain at points of crossing with segmental retaining wall to confirm no conflicts with wall footing. Refer to KAW Record Drawing for location.
3. Generator at end of access drive must be accessible for service and maintenance during construction.”

Item No. AD3-7: Control Building Standard Details (Sheet 01C501)

Aluminum Handrail Details, change “handrail” to “guardrail” (two locations). Add the following to the Notes:

“Guardrail atop retaining wall to be similar, with post anchorage modifications.”

Item No. AD3-8: HSP No. 13 Structural Framing Plan and Section (Sheet 01S103)

General Notes, add the following Note 3D:

“Replace 6” x 6” tile pavers removed for over-slab beam with pavers closely matching existing.”

Item No. AD3-9: HSP No. 12 Replacement Plan (Sheet 01D102)

See attached revisions to Drawing.

Item No. AD3-10: HSP No. 14 Replacement Plan (Sheet 01D103)

See attached revisions to Drawing.

Item No. AD3-11: HSP No. 12 Replacement Section (Sheet 01D301)

See attached revisions to Drawing.

Item No. AD3-12: HSP No. 14 Replacement Section (Sheet 01D302)

See attached revisions to Drawing.

Item No. AD3-13: Electrical Demolition Sheet (Sheet 01E101)

Delete tag note 9 and replace with the following:

“Existing Pump No. 14 Control Valve. Relocate to Pump No. 12. Re-wire to match existing.”

Item No. AD3-14: Power and Communication Plan (Sheet 01E102)

For Pump No. 12, show the existing control valve being relocated and add the following tag note 19:

“Existing Pump No. 14 Control Valve to be relocated to Pump No. 12. Provide new and/or re-use existing wire/conduit where available for the following items:

- 2-#14, #14G in 3/4" C for solenoid valve power.
- 4-#14, #14G in 3/4" C to Panel RTUK for valve open/close position.
- 4-#14, #14G in 3/4" C to Pump No. 12 starter for pump control.”

END ADDENDUM NO. 3

BID FORM	
Date: _____	Time: _____
Signature: _____	
Senior Management	
Witness: _____	
<i>For Water Company Use Only</i>	

BID FORM

High Service Pump # 12 and #13 Replacement

Kentucky River Station No. 1

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Kentucky American Water
2300 Richmond Road
Lexington, KY 40502
Krista Citron, PE, Project Manager

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted and the Contract awarded to Bidder, 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 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner. Bidder will sign and submit the Agreement with the Bonds (if any) and other documents required by the Bidding Requirements within fifteen (15) days after the date of Owner’s Notice of Award.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

- A. Bidder has examined and carefully studied the Bidding Documents, including but not limited to the Drawings, Specifications, Geotechnical Baseline Report, other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged.

Addendum No.Addendum Date

_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress and performance of the Work.
- D. Bidder has considered the information known to Bidder, information and observations obtained from visits to the Site, information commonly known to contractors doing business in the locality of the Site, the Bidding Documents, and the reports and drawings identified in the Bidding Documents and referred to in Paragraph 3.01.D above with respect to the effect of such information and observations 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, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder's safety precautions and programs.
- E. Based on the information and observations referred to in Paragraph 3.01.E above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
- F. 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.
- G. Bidder is prepared to comply with the applicable requirements of Owner's safety program, if any.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and 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 of the Work for which this Bid is submitted.

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 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;
- 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 [or American Water Systems official] in the bidding process.
 2. "Fraudulent practice" means a misrepresentation of facts made: (a) to influence the bidding or negotiating 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.
 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):

If specific materials are to be furnished by the Owner, the price provided herein includes taking possession and the installation of such materials only. Otherwise the prices include furnishing and installation of materials.

LUMP SUM CONTRACT PRICE _____
 _____ Dollars
 (PRICE WRITTEN IN WORDS)
 (\$ _____).

All specific cash allowances are included in the price(s) set forth above.

Allowance No. 1: Include \$20,000 for landscape plantings to replace three trees along existing driveway on west side of control building.

Contained in the lump sum bid is the sum of _____ dollars (\$ _____) associated with cost of demolition of existing facilities and/or removal of existing material and/or equipment as required to complete the Work in accordance with the Contract Documents. This is the net cost to Bidder for such work taking into consideration estimated disposal costs or salvage values accruing to Bidder. ***This information is necessary for Owner's financial accounting of project costs and will not be used in the selection of the successful Bidder.***

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete as per the time listed in the Agreement and will be completed and ready for final payment in accordance with Paragraph 14.07.B of the General Conditions on or before the time listed in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the Contract Times.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
 - A. Required Bid security in the form of a Bid Bond;
 - B. Evidence of authority to do business in the state of the Project, or a written covenant to obtain such license within the time for acceptance of Bids;
 - C. Information describing the proposed alternative equipment and/or materials.

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

9.01 This Bid is submitted on _____, 20__ by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____
(Individual's signature)

Doing business as: _____

Business Address: _____

Phone No.: _____ E-mail: _____

State Contractor License No. (If applicable): _____

A Partnership

Partnership Name: _____

By: _____
(Signature of general partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Business Address: _____

Phone No.: _____ E-mail: _____

State Contractor License No. (If applicable): _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____

Type (General Business, Professional, Service, Limited Liability): _____

By: _____
(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____
(CORPORATE SEAL)

Attest: _____

Business Address: _____

Phone No.: _____ E-mail: _____

State Contractor License No. (If applicable): _____

Date of Qualification to do business in _____ is ____/____/____.
[State where Project is located]

A Joint Venture

Name of Joint Venture: _____

First Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of first joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of second joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

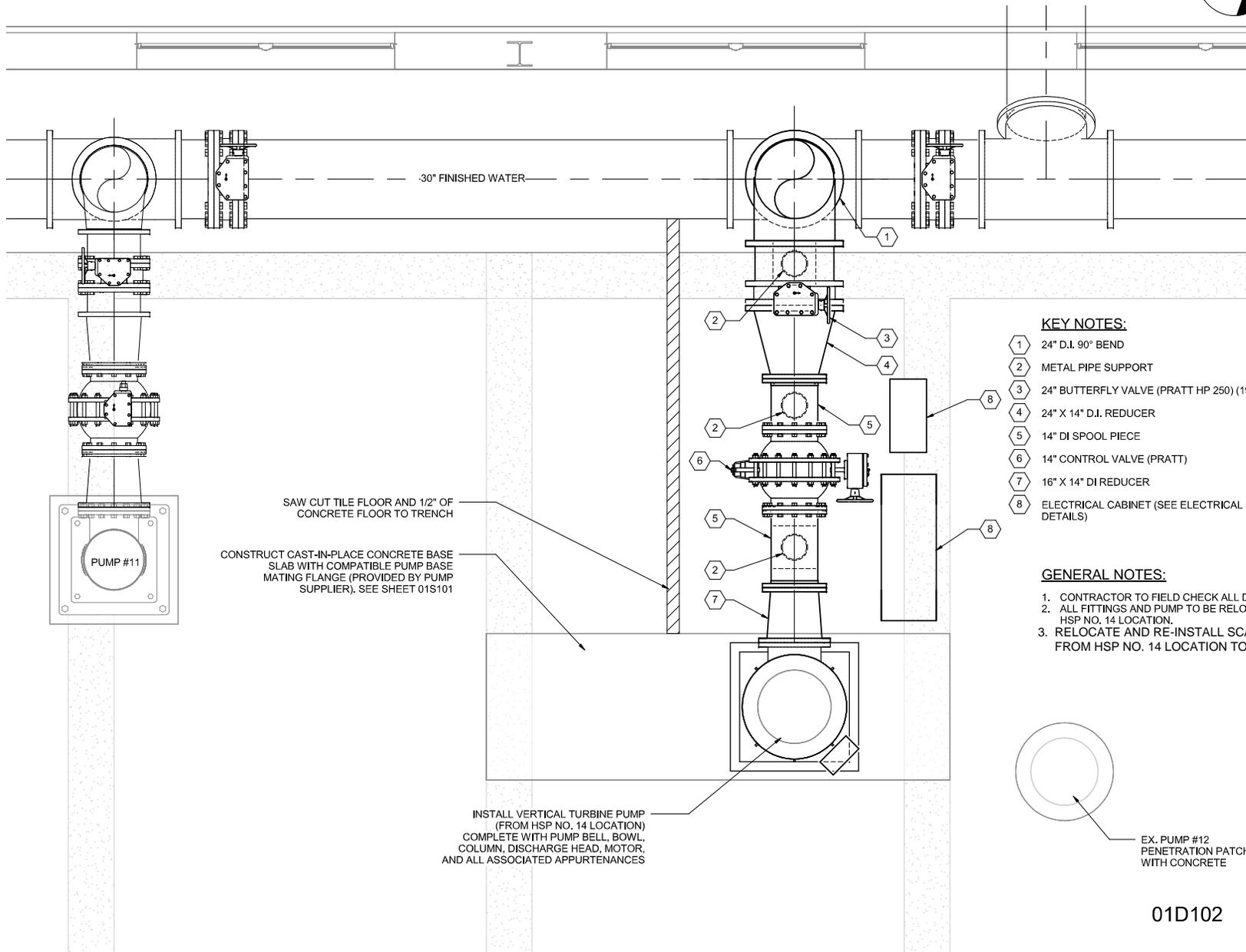
Title: _____

Business Address: _____

Phone No.: _____ E-mail: _____

State Contractor License No. (If applicable): _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)



SAW CUT TILE FLOOR AND 1/2" OF CONCRETE FLOOR TO TRENCH

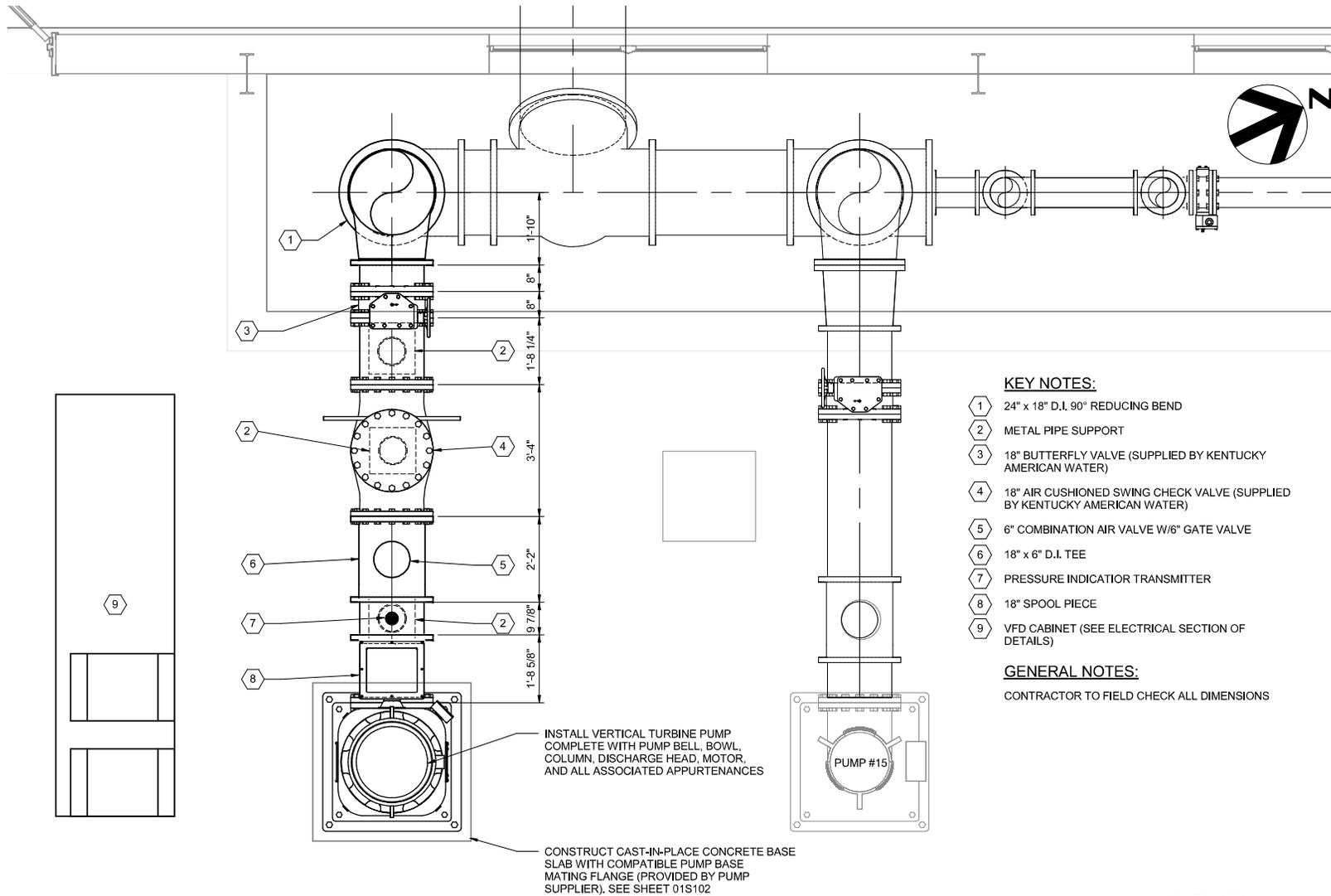
CONSTRUCT CAST-IN-PLACE CONCRETE BASE SLAB WITH COMPATIBLE PUMP BASE MATING FLANGE (PROVIDED BY PUMP SUPPLIER). SEE SHEET 01S101

INSTALL VERTICAL TURBINE PUMP (FROM HSP NO. 14 LOCATION) COMPLETE WITH PUMP BELL, BOWL, COLUMN, DISCHARGE HEAD, MOTOR, AND ALL ASSOCIATED APPURTENANCES

- KEY NOTES:**
- 1 24" D.I. 90° BEND
 - 2 METAL PIPE SUPPORT
 - 3 24" BUTTERFLY VALVE (PRATT HP 250) (1989)
 - 4 24" X 14" D.I. REDUCER
 - 5 14" DI SPOOL PIECE
 - 6 14" CONTROL VALVE (PRATT)
 - 7 16" X 14" DI REDUCER
 - 8 ELECTRICAL CABINET (SEE ELECTRICAL SECTION OF DETAILS)

- GENERAL NOTES:**
- 1. CONTRACTOR TO FIELD CHECK ALL DIMENSIONS.
 - 2. ALL FITTINGS AND PUMP TO BE RELOCATED FROM HSP NO. 14 LOCATION.
 - 3. RELOCATE AND RE-INSTALL SCADA CONTROLS FROM HSP NO. 14 LOCATION TO HSP NO. 12.

EX. PUMP #12 PENETRATION PATCHED WITH CONCRETE



KEY NOTES:

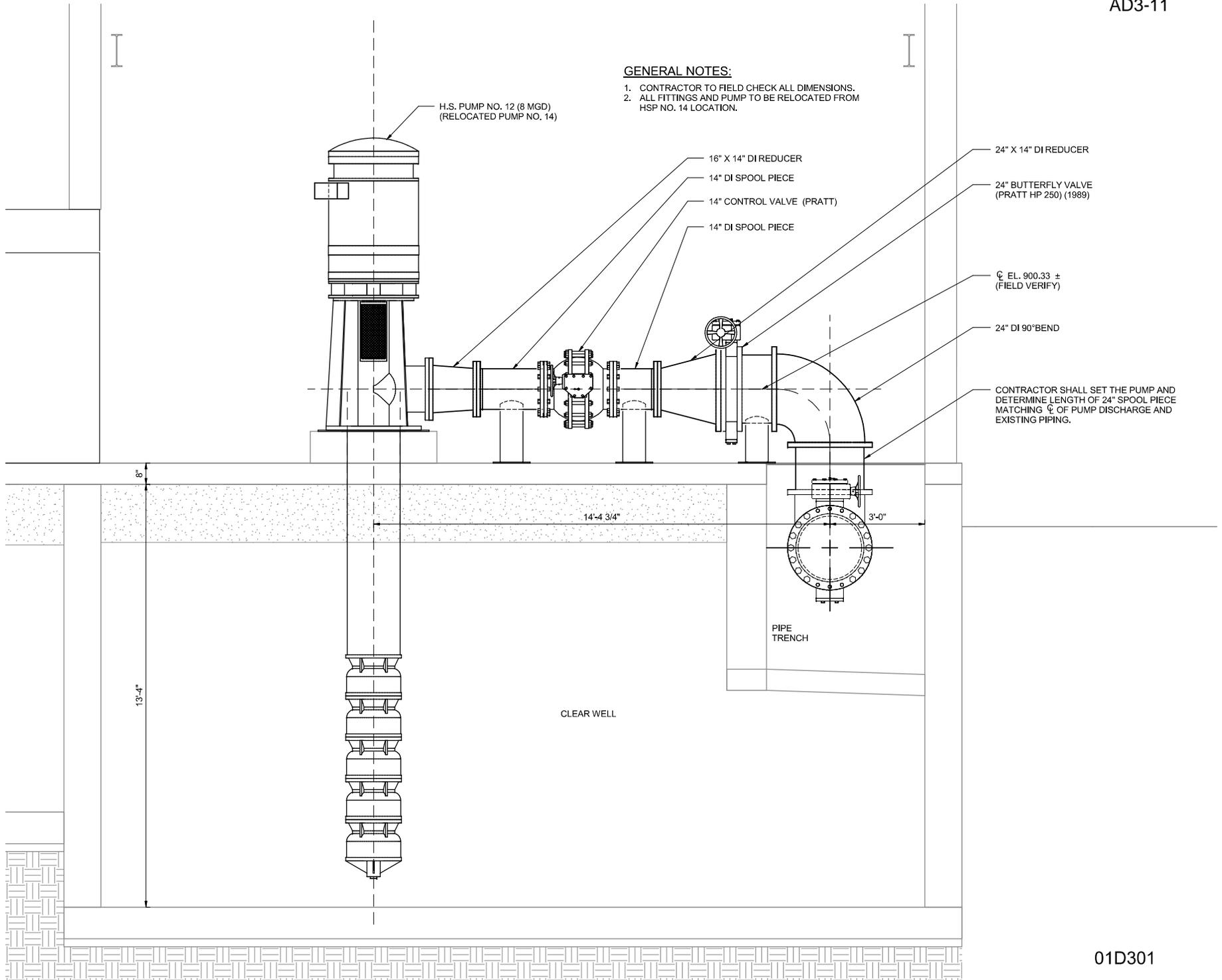
- 1 24" x 18" D.I. 90° REDUCING BEND
- 2 METAL PIPE SUPPORT
- 3 18" BUTTERFLY VALVE (SUPPLIED BY KENTUCKY AMERICAN WATER)
- 4 18" AIR CUSHIONED SWING CHECK VALVE (SUPPLIED BY KENTUCKY AMERICAN WATER)
- 5 6" COMBINATION AIR VALVE W/6" GATE VALVE
- 6 18" x 6" D.I. TEE
- 7 PRESSURE INDICATOR TRANSMITTER
- 8 18" SPOOL PIECE
- 9 VFD CABINET (SEE ELECTRICAL SECTION OF DETAILS)

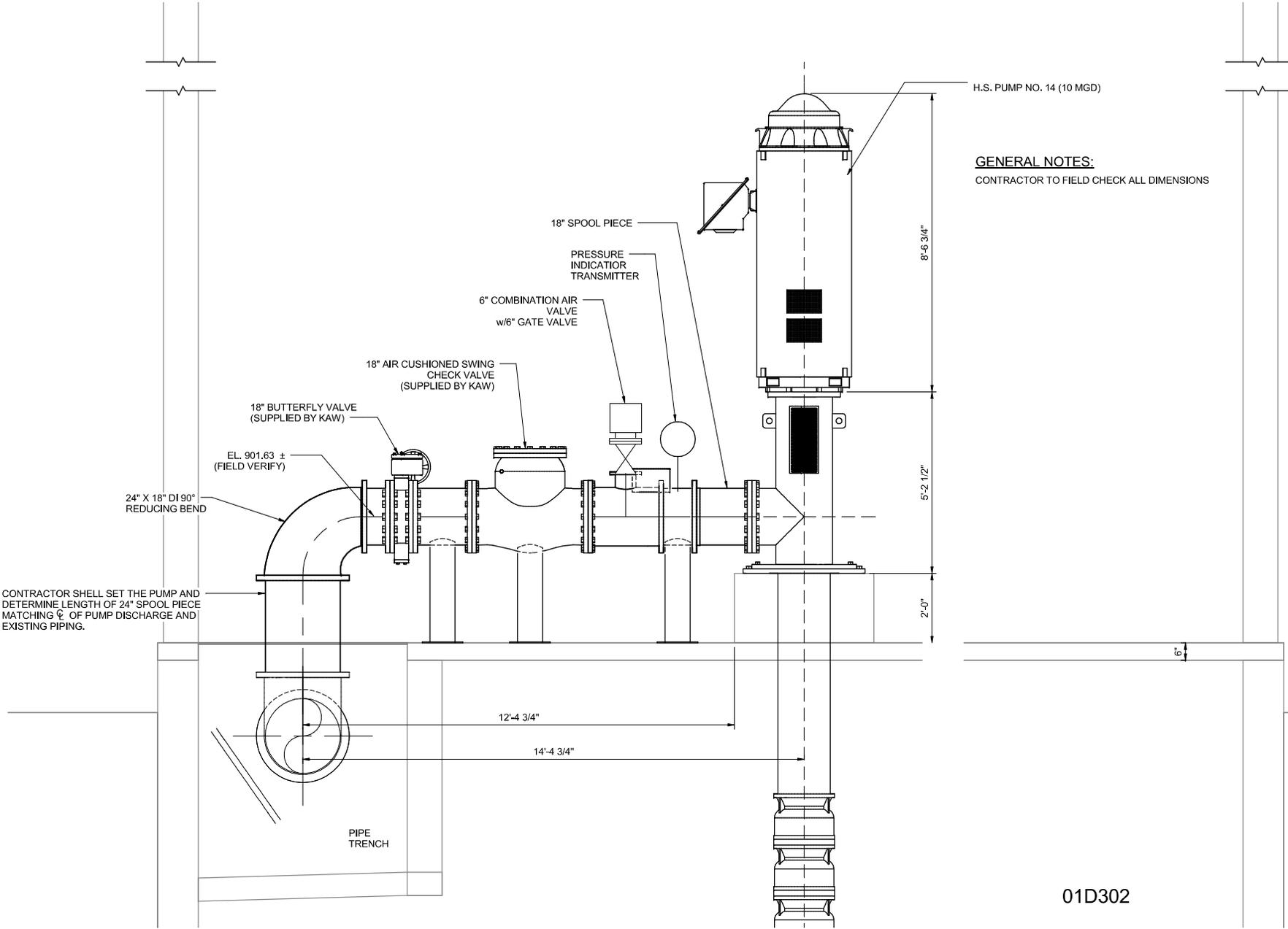
GENERAL NOTES:

CONTRACTOR TO FIELD CHECK ALL DIMENSIONS

INSTALL VERTICAL TURBINE PUMP COMPLETE WITH PUMP BELL, BOWL, COLUMN, DISCHARGE HEAD, MOTOR, AND ALL ASSOCIATED APPURTENANCES

CONSTRUCT CAST-IN-PLACE CONCRETE BASE SLAB WITH COMPATIBLE PUMP BASE MATING FLANGE (PROVIDED BY PUMP SUPPLIER). SEE SHEET 01S102





01D302