



City of Ketchum and Sun Valley Water & Sewer District

Ketchum / SVWSD Water Reclamation Facility
Aeration Upgrades

ADDENDUM NO. 1
February 6, 2024

TO: Prospective Bidders

FROM: HDR (Engineer)
412 East Parkcenter Boulevard, Suite 100
Boise, Idaho 83716

OWNERS: City of Ketchum Sun Valley Water and Sewer District
P.O. Box 2315 49 Larrys Lane
191 5th Street West Sun Valley, Idaho 83353
Ketchum, Idaho 83340

SUBJECT: Ketchum / SVWSD WRF – Aeration Upgrades

This Addendum is part of the Bidding Documents and the Contract Documents and modifies the original Bidding Documents dated January 10, 2024, as indicated below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification for award of the associated Contract.

This Addendum consists of 3 pages and the attachments, if any, listed on the third page.

CHANGES TO PRIOR ADDENDA

None

CHANGES TO INTRODUCTORY INFORMATION

None

CHANGES TO BIDDING REQUIREMENTS

None

CHANGES TO CONTRACTING REQUIREMENTS

- 1.01 Section 00 11 13 - Advertisement for Bids (EJCDC C-111-2018): Bid submission deadline for construction of the Project shall be adjusted to February 28, 2024 at 2:00 PM MST. The original submission deadline as stated in Section 00 11 13 was February 14, 2024 at 2:00 PM MST. The Bid submission deadline extension is provided to allow sufficient time for Bidders to incorporate changes identified in Addendums.

- 1.02 Section 00 41 13 - Bid Form (EJCDC C-410-2018): Add Article 3.01.B for contingency allowances related to groundwater dewatering and geotechnical investigations.

CHANGES TO GENERAL REQUIREMENTS AND TECHNICAL SPECIFICATIONS

- 1.03 Section 01 21 00 - Allowances: Add Section 01 21 00 in its entirety.
- 1.04 Section 31 23 19 - Dewatering: Add Section 31 23 19 in its entirety.
- 1.05 Section 46 41 00 - Mixers: Edit Article 2.1.A as indicated below:

2.1 MANUFACTURERS

A. *Subject to compliance with the Contract Documents, the following manufacturers are acceptable:*

1. *Aqua-Aerobic Systems, Inc. SS Endura Series AquaDDM*
2. *Aerator Solutions, EcoJet™ DDM, Model M7-SSS*

- 1.06 Section 46 51 00 - Aeration Equipment - Basic Requirements: Remove Section 46 51 00 in its entirety.
- 1.07 Section 46 51 33 - Flexible Membrane Disc Diffusers: Edit Article 2.1.A as indicated below:

2.1 MANUFACTURERS

A. *Subject to compliance with the Contract Documents, the following manufacturers are acceptable:*

1. *Xylem Sanitaire Silver Series.*
2. *Pentair FlexAir.*
3. *Aquarius (Aerzen) Quantaer.*
4. *Stamford Scientific, Inc. (SSI Aeration).*
5. *Environmental Dynamic International, Inc. (EDI)*

CHANGES TO DRAWINGS

- 1.08 Drawing C-102: Civil - Enlarged Site Plan. Modify the Drawing as shown by Addendum No. 1 revision.
- 1.09 Drawing S-101: Structural - Aeration Blower Building Basement Foundation Plan. Modify the Drawing as shown by Addendum No. 1 revision.
- 1.10 Drawing S-302: Structural - Structural - Aeration Blower Building Foundation Sections and Details. Modify the Drawing as shown by Addendum No. 1 revision.
- 1.11 Drawing S-303: Structural - Aeration Blower Building Roof Sections. Modify the callout in Section B from “*Rigid Plate Connection by Light Gage Designer*” to “*Rigid STL Plate Connection by Light Gage Designer*”.



ATTACHMENTS

The items listed below and bound following this document's "End of Addendum" designation, are part of this Addendum.

1.12 New Specifications attachments hereto are as follows:

- 00 41 13 - Bid Form (EJCDC C-410-2018).
- 01 21 00 - Allowances.
- 31 23 19 - Dewatering.

1.13 New Drawings attachments hereto are as follows:

- Replacement Drawing C-102: Civil - Enlarged Site Plan.
- Replacement Drawing S-101: Structural - Aeration Blower Building Basement Foundation Plan.
- Replacement Drawing S-302: Structural - Aeration Blower Building Foundation Sections and Details.

1.14 Pre-Bid Meeting Agenda.

1.15 Pre-Bid Meeting Attendance Sheet.

THIS ADDENDUM IS MADE PART OF THE CONTRACT DOCUMENTS AND SHALL BE NOTED ON THE BID PROPOSAL.

2/6/2024

Bradley S. Bjerke

Idaho PE #8778

Date

Bradley S. Bjerke, P.E.
Senior Project Manager
HDR Engineering, Inc.
412 E. Parkcenter Blvd, Suite 100
Boise, ID 83706
(208) 387-7073
(208) 841-3822

END OF ADDENDUM NO. 1

BID FORM

FOR CONSTRUCTION CONTRACT

CITY OF KETCHUM AND SUN VALLEY WATER & SEWER DISTRICT

AERATION UPGRADES

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 1—OWNER AND BIDDER

- 1.01 This Bid is submitted to: City of Ketchum/Sun Valley Water & Sewer District; 191 5th Street West (PO Box 2315), Ketchum, ID, 83340. Attention Trent Donat.
- 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 and associated license numbers (table in this Bid Form);
 - C. Evidence of authority to do business in the state of the Project; and
 - D. Contractor's license number as evidence of Bidder's State Contractor's License with the Class commensurate with the value of the Work.

ARTICLE 3—BASIS OF BID—LUMP SUM BID

3.01 *Lump Sum Bids*

- A. Bidder will complete the Work in accordance with the Contract Documents for the following lump sum price:
- 1. Lump Sum Price (Single Lump Sum)

Lump Sum Bid Price (in numbers)	\$
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(written amount)

- B. All contingency allowances shown below are included in the Lump Sum Bid Price set forth above, and will be managed in accordance with Paragraph 13.02 of the General Conditions.

Lump Sum Contingency Allowance 1 (Dewatering)	\$25,000
Lump Sum Contingency Allowance 2 (Geotechnical)	\$10,000
Total for all Lump Sum Contingency Allowances	\$35,000

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 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, SUBCONTRACTOR’S LIST, AND RECEIPT OF ADDENDA

5.01 *Bid Acceptance Period*

- A. 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.

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 *Subcontractors List*

- A. As required by Idaho Statute (67-2310), Contractor shall list “self” and appropriate specialty license number or Subcontractor name, address, and license number.

Discipline	Name and Address	License No.
Plumbing		
HVAC		
Electrical		

5.04 *Receipt of Addenda*

- A. Bidder hereby acknowledges receipt of the following Addenda:

Addendum Number	Addendum Date

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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.
 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 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 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 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)

Bidder's Address for giving notices:

Bidder's Contact Person:

Name: _____
(typed or printed)

Title: _____
(typed or printed)

Phone: _____

Email: _____

Address: _____

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

SECTION 01 21 00 ALLOWANCES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Administrative and procedural requirements for:
 - a. Contingency allowances.
- B. Related Requirements:
 - 1. Include but are not necessarily limited to the following:
 - a. Section 01 26 00 - Contract Modification Procedures.
 - b. Section 01 29 73 - Schedule of Values.

1.2 REFERENCES

- A. Terminology:
 - 1. Terminology indicated below are not defined terms and are not indicated with initial capital letters, but when used in this section have the following meanings:
 - a. "Allowance authorization" or "authorization", whether singular or plural, are Owner's written and signed approval for using a specific allowance item, in a specific authorized amount, for a specific construction task or activity. Allowance authorizations include all associated attachments at the time of Owner's signature and as delivered to Contractor.
 - b. "Cash allowance" is a stipulated amount included in the Contract Price, controlled by Owner, for Owner's sole use to upgrade materials or equipment to be furnished by Contractor under the Contract, to be higher-quality or that offer more features for Owner. NOT USED.
 - c. "Contingency allowance" is a stipulated amount included in the Contract Price, controlled by Owner, for Owner's sole use to cover unanticipated costs and costs for Work authorized by Owner that is not part of any other bid/pay item in the Contract.
 - d. "Quantity allowance" is an item of Unit Price Work that is included in the Contract Price but the location of which is not shown or indicated on the Drawings or other Contract Documents at the time Bids were opened. When authorized, quantity allowances are to be performed at locations to be indicated by Owner or Engineer. Quantity allowances are controlled by Owner and are for Owner's sole use. The terms "quantity allowance", "extra work item", "extra work unit price item", and the like have the same meaning. NOT USED.

1.3 ALLOWANCES – GENERAL

- A. This Article applies to all allowance types and all authorized allowance Work performed in accordance with the Contract Documents.
- B. All allowances in the Contract are Owner-controlled and for Owner's sole use. Contractor has no right or entitlement to any allowance or part thereof without express, written authorization from Owner.
- C. Authorization of Allowances:
 - 1. Only Owner can authorize use of an allowance. No other entity, including Engineer, Resident Project Representative (RPR, if any), Owner's Site Representative (OSR, if any), or others may authorize use of allowances in place of Owner.
 - 2. Owner's personnel empowered to authorize use of allowances are:
 - a. Trent Donat, Ketchum City Clerk.
 - 3. Allowance Authorization Mechanism:

- a. To be binding and enforceable, allowance authorizations must be in writing, signed by one of the Owner's employees indicated immediately above.
 - b. Allowance authorization form is attached to this Section.
 - c. Allowance authorizations issued in accordance with the procedures set forth in this Section, are binding and enforceable under the Contract, unless promptly contested in writing by Contractor in accordance with this Section.
 - d. Oral authorizations, authorizations without an appropriate signature, and authorizations not on the proper form, will not be binding or enforceable.
4. Allowance authorizations duly signed by Owner's authorized person may be delivered to Contractor by Engineer, RPR, OSR, or other Owner-authorized representative, and shall be binding and enforceable when so delivered (unless properly contested).
5. Do not perform Work presumed for compensation under an allowance without first obtaining Owner's allowance authorization.
6. Work presumed by Contractor to be under an allowance and performed without: (a) written authorization duly signed by Owner, or (b) Change Order, or (c) Work Change Directive, is not be eligible for payment.
- D. Contract Times:
- 1. Allowance authorizations do not have any effect on, and do not change, the Contract Times. The Contract Times can be changed only via a duly authorized Change Order.
 - 2. Should the Work included in an allowance authorization adversely affect Contractor's ability to comply with the Contract Times, promptly submit Change Proposal (including appropriate supporting documentation), in accordance with the Contract Documents, indicating the associated, specific, proposed effect on each of the Contract Times.
- E. Payment for Work Under an Allowance Authorization:
- 1. Work duly authorized by Owner under an allowance is eligible for payment upon performance of the associated Work, in accordance with the Contract Documents and the associated allowance authorization.
 - 2. When applying for payment for Work under an allowance authorization, the Application for Payment shall include a copy of the associated allowance authorization(s) signed by Owner.
 - 3. When requested by Owner or Engineer, amend the Schedule of Values to indicate Work authorized under contingency allowances or cash allowances.
- F. Compensation for Bonds and Insurance:
- 1. Contractor is not eligible for compensation under an allowance, or for an increase in the Contract Price, for costs associated with insurance, performance bond, payment bond, or warranty bond (when such bond is required by the Contract). Compensation for such costs is included elsewhere in the Contract Price, under other (non-allowance) bid/pay items.
- G. Change Orders:
- 1. A Change Order is not required for authorization of an allowance that is already included in the Contract.
 - 2. Prior to final payment, all allowances with funds remaining (not yet authorized) shall be reduced to the total amount authorized by Owner for that allowance item, via a Change Order.

1.4 CONTINGENCY ALLOWANCES

- A. Provisions on contingency allowance(s) are set forth in the General Conditions, as may be modified by the Supplementary Conditions, and in this Section.
- B. Owner may authorize use of all or part of a contingency allowance included in the Contract for Work not otherwise covered under one or more other bid/pay items already in the Contract.
- C. Procedure for Using Contingency Allowances:

1. Prior to Work being authorized under a contingency allowance, Contractor shall submit complete Change Proposal for the associated Work, in accordance with the Contract Documents.
2. Compensation proposed via the Change Proposal for the contemplated allowance Work shall be complete and sufficient for the entire scope of the contemplated allowance Work, unless expressly indicated otherwise in the Change Proposal or an associated, Owner- or Engineer-issued Proposal Request.
3. Compensation eligible under a contingency allowance includes:
 - a. Materials and equipment furnished to Owner or incorporated into the Work; labor; construction equipment and machinery; services, incidentals, and related costs, in accordance with the Contract Documents' provisions for Contract modifications.
 - b. Overhead and profit for the associated Work, for Contractor and Subcontractors.
 - c. Other costs and expense mutually agreeable to Owner and Contractor.
4. Excluded are costs not mutually agreeable to the parties and costs excluded in accordance with Article 1.3 of this Section.
5. Should Change Proposal indicate, and Owner accept that, change in the Contract Times is necessary, Owner (or Engineer, on Owner's behalf) will issue an appropriate Change Order for signature by the parties, upon mutual agreement to the changed Contract Times.
6. Upon receipt of contingency allowance authorization, when Contractor does not reject or disagree with the authorization, Contractor shall sign allowance authorization form indicating acceptance and return signed form to Owner and Engineer within [two] days of receipt.
7. Commence performing the allowance Work promptly upon receipt of allowance authorization.
8. Application for Payment for the associated Work may be made in accordance with Article 1.3 of this Section and the Contract's provisions governing progress payments.

PART 2 - PRODUCTS - (NOT USED)

PART 3 - EXECUTION

3.1 ATTACHMENTS

- A. The following, bound after this Specifications Section's "End of Section" designation, are part of this Specifications Section:
 1. Forms:
 - a. Allowance Authorization Form, (one page).

END OF SECTION

ALLOWANCE AUTHORIZATION

Project: Ketchum/SVWSD WRF – Authorization Number: _____
Aeration Upgrades From: _____
 To: _____ Date: _____
 _____ Engineer Project No.: 10360008
 Re: _____ Contract For: _____

Contractor is authorized to perform the following item(s) of Work and to be eligible to apply for payment under the designated Contract allowance(s) indicated below for the amount indicated below for each item:

1. [Allowance Title] / [Title of Change]:

This instrument is not a Change Order and does not modify the Contract Price, nor does it modify the Contract Times.

Original Allowance	\$ _____
Allowance Expenditures prior to this Authorization	\$ _____
Allowance Balance prior to this Authorization	\$ _____
Allowance will be decreased by this Authorization	\$ _____
New Allowance Balance.....	\$ _____

RECOMMENDED BY

OWNER APPROVAL

HDR

 Engineer

 Owner

By _____ Date _____

By _____ Date _____

CONTRACTOR ACCEPTANCE

 Contractor

By _____ Date _____

Attachments

Copies: Owner Contractor Consultants _____ _____ _____ File

SECTION 31 23 19 DEWATERING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Dewatering system.
 - 2. Surface water control system.
 - 3. Monitoring wells.
 - 4. System operation and maintenance.
 - 5. Water disposal.
- B. Related Specification Sections include but are not necessarily limited to:
 - 1. Section 31 22 00 - Site Grading.
 - 2. Section 31 23 10 - Excavation and Backfill.
 - 3. Section 31 23 33 - Trenching, Backfilling, and Compacting for Utilities.

1.2 DEFINITIONS

- A. Dewatering:
 - 1. Lowering of groundwater table and intercepting horizontal water seepage to prevent groundwater from entering excavations, trenches and shafts.
 - 2. Disposing of removed water.
- B. Surface Water Control:
 - 1. Removal of surface water within open excavations.
- C. Foundations:
 - 1. Footings, base slabs, foundation walls, mat foundations, grade beams, piers and any other support placed directly on soil or rock.

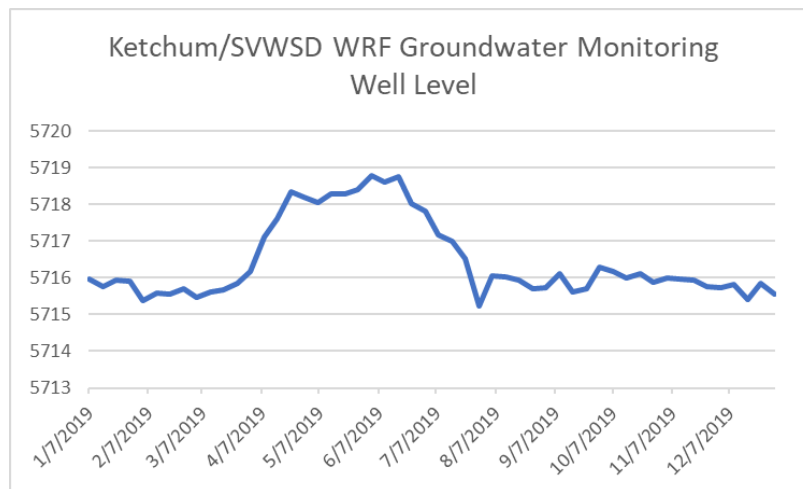
1.3 SUBMITTALS

- A. Shop Drawings:
 - 1. Dewatering plan design data and Drawings including the following:
 - a. Proposed type of dewatering system with complete description of equipment and instrumentation to be used.
 - b. Arrangement, locations, and depths of system components.
 - c. Pipe sizes and capacities.
 - d. Filter types and sizes.
 - e. Water disposal method and location.
 - f. Surface water control devices.
 - g. System operation, monitoring, and maintenance procedures.
 - h. Method of monitoring water quality.
 - i. Signed and sealed by professional engineer.
 - 2. Product technical data including:
 - a. Dewatering pump data including the following:
 - 1) Size, capacity, and means of operation [of engine and motor].
 - b. Pumping equipment for control of surface water within excavation.

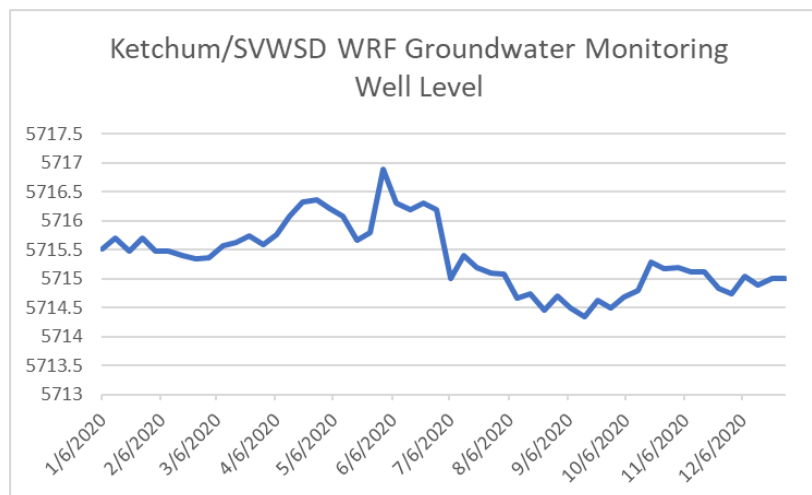
1.4 PROJECT CONDITIONS

A. Site Information:

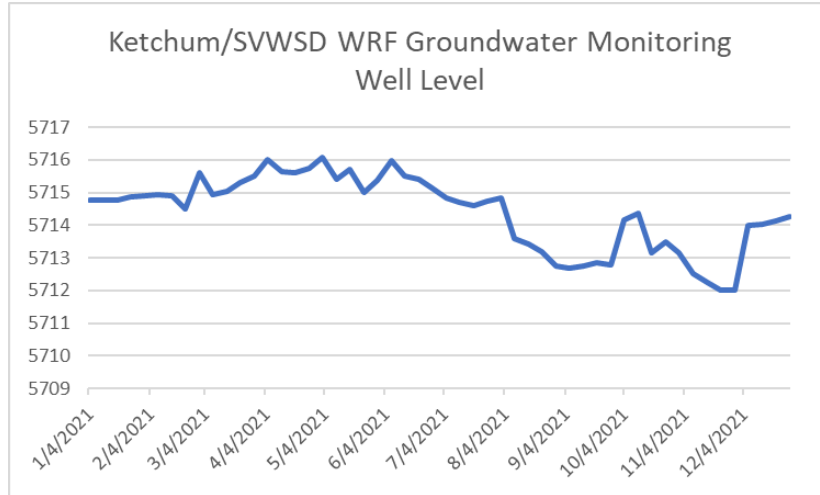
1. Data in subsurface investigation reports was used for the basis of the design.
 - a. Conditions are not intended as representations or warranties of accuracy or continuity between soil borings.
 - b. The Owner or Engineer will not be responsible for interpretations or conclusions drawn from this data by Contractor.
2. Additional test borings and other exploratory operations may be performed by Contractor, at the Contractor's option; an allowance has been provided for such additional exploration and assistance with dewatering and shoring (if required).
3. Site groundwater elevations at a dewatering well near the blower building for years 2019 thru 2023 have been provided (graphs attached to this section). This information is not contractual and shall be considered "for information only".
 - a. 2019 Groundwater Data:



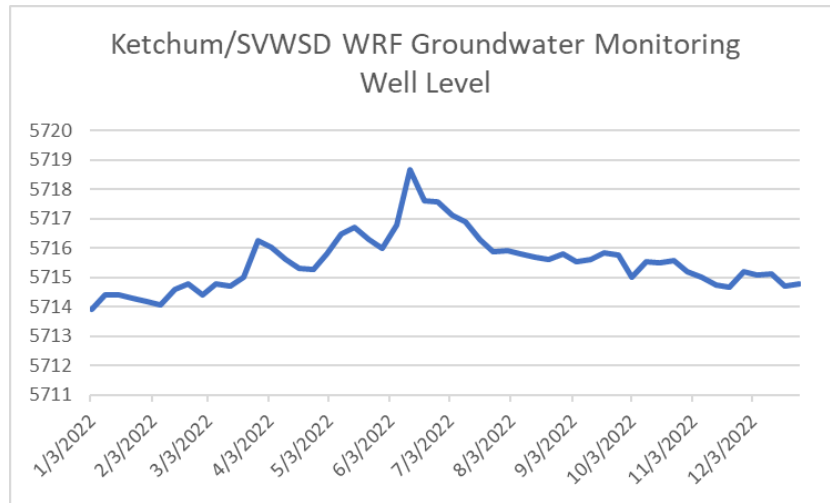
b. 2020 Groundwater Data:



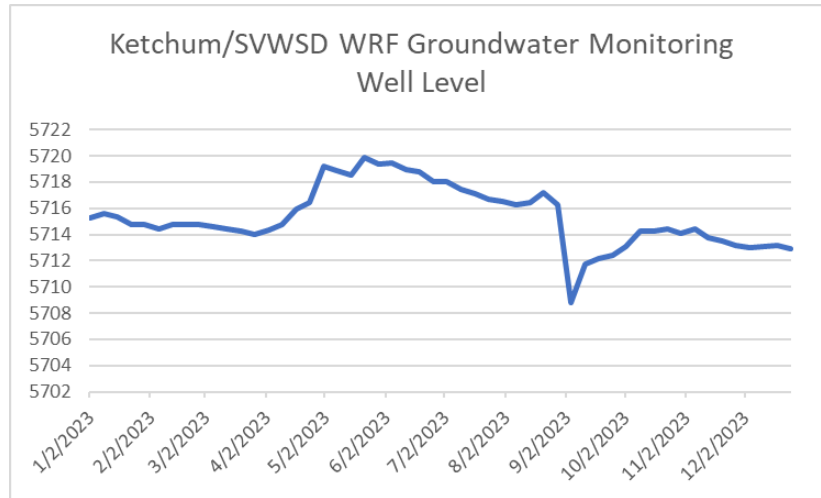
c. 2021 Groundwater Data:



d. 2022 Groundwater Data:



e. 2023 Groundwater Data:



4. Dewatering well pump operation shall be provided by Owner at no cost if requested by the Contractor. The proper disposal of the groundwater and any permitting shall be the responsibility of the Contractor. An allowance has been provided if dewatering is required.

PART 2 - PRODUCTS

2.1 DEWATERING EQUIPMENT

- A. Select dewatering equipment to meet specified performance requirements.

PART 3 - EXECUTION

3.1 PROTECTION

- A. Erosion Control:
 1. Clean paved roadways daily of any spillage of dirt, rocks or debris from vehicles and equipment entering or leaving site.
 2. Conduct work to minimize erosion of site. Remove eroded material washed off site.
 - a. If necessary or requested by Engineer, construct stilling areas to settle and detain eroded material.
- B. Protect existing surface and subsurface features on-site and adjacent to site as follows:
 1. Provide barricades, coverings, or other types of protection necessary to prevent damage to existing items indicated to remain in place.
 2. Protect and maintain bench marks, monuments or other established reference points and property corners.
 - a. If disturbed or destroyed, replace at own expense to full satisfaction of Owner and controlling agency.
 3. Verify location of utilities.
 - a. Omission or inclusion of utility items does not constitute nonexistence or definite location.
 - b. Obtain and examine local utility records for location data.
 - c. Take necessary precautions to protect existing utilities from damage due to any construction activity.
 - 1) If utilities are indicated to remain in place, provide adequate means of support and protection during earthwork operations.

- 2) Do not interrupt existing utilities serving facilities occupied by Owner or others, during occupied hours, except when permitted in writing by Owner and then only after acceptable temporary utility services have been provided.
- 3) Obtain Owner's approval prior to disconnecting any utility service.
- d. Repair damages to utility items at own expense.
- e. In case of damage, notify Engineer at once so required protective measures may be taken.
- 4. Maintain free of damage, existing sidewalks, structures, and pavement, not indicated to be removed.
 - a. Protect new and existing structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by earthwork operations.
 - b. Any item known or unknown or not properly located that is inadvertently damaged shall be repaired to original condition.
 - c. All repairs to be made and paid for by Contractor.
- 5. Provide full access to public and private premises, fire hydrants, street crossings, sidewalks and other points as designated by Owner to prevent serious interruption of travel.

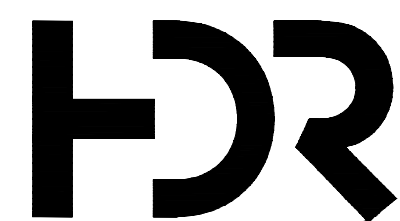
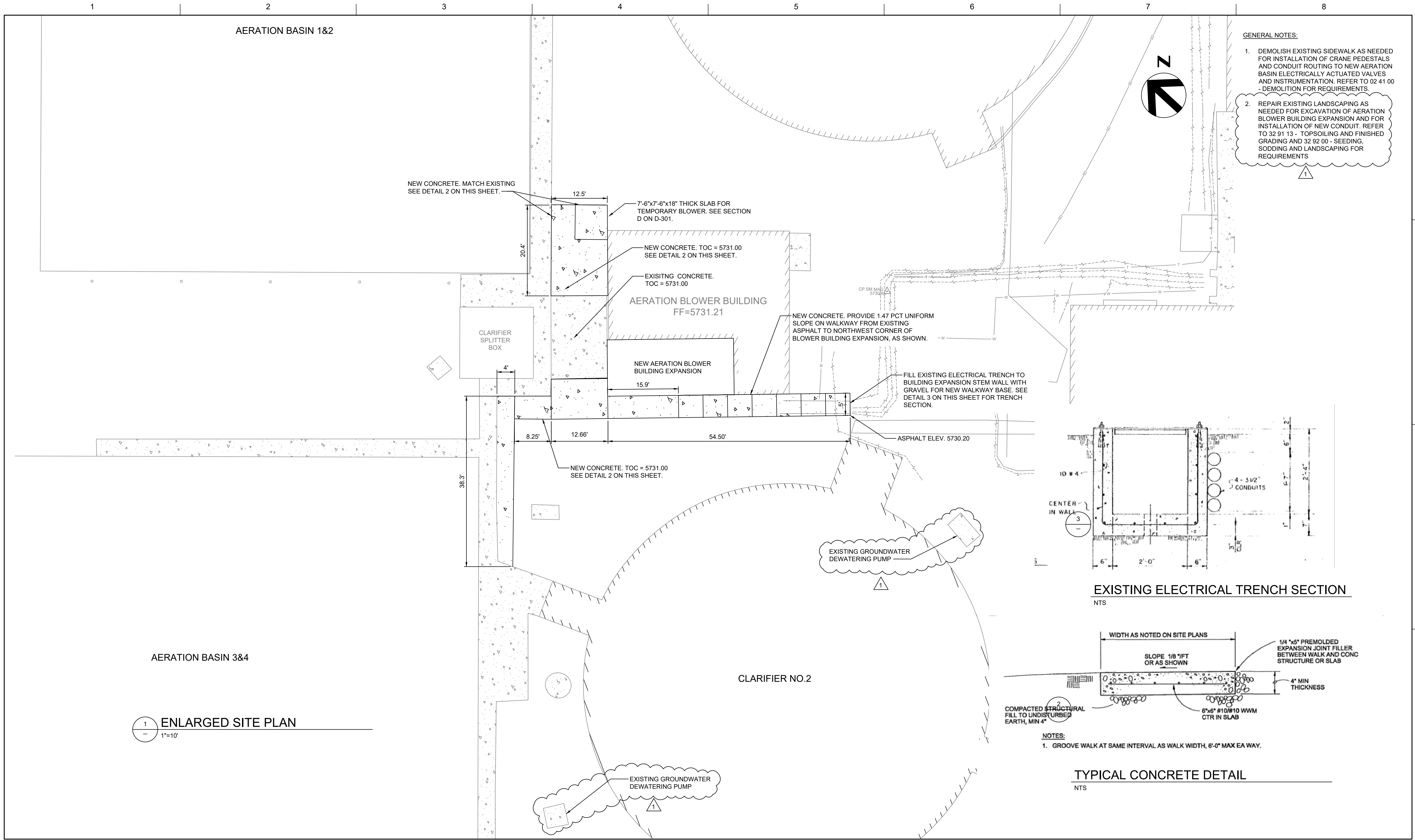
3.2 DEWATERING

- A. Review Geotechnical investigation before beginning excavation and determine where groundwater is likely to be encountered during excavation.
- B. Where groundwater is or is expected to be encountered during excavation, install a dewatering system to prevent softening and disturbance of subgrade below foundations and fill material, to allow foundations and fill material to be placed in the dry, and to maintain a stable excavation side slope.
 - 1. Employ dewatering specialist for selecting and operating dewatering system.
 - 2. Groundwater shall be maintained at least 3 feet below the bottom of any excavation.
- C. Dispose of groundwater to an area which will not interfere with construction operations or damage existing construction.
 - 1. Shut off dewatering system at such a rate to prevent a quick upsurge of water that might weaken the subgrade.
 - 2. Discharge water into settling basins.

3.3 SURFACE WATER CONTROL SYSTEMS

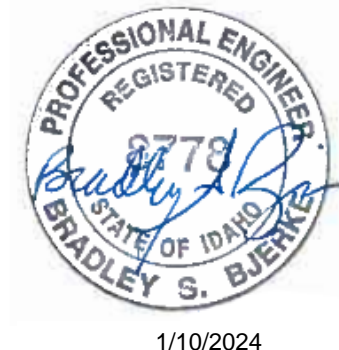
- A. Provide ditches, berms, and other devices to divert and drain surface water from excavation area.
- B. Divert surface water and seepage water within excavation areas into sumps and pump water into drainage channels, storm drains and settling basins in accordance with requirements of the agencies having jurisdiction.
- C. Control and remove unanticipated water seepage into excavation.

END OF SECTION



ISSUE	DATE	DESCRIPTION
1	02/06/2024	ADDENDUM NO.1
	01/10/2024	- ISSUE FOR BID

PROJECT MANAGER	B. BJERKE
DESIGN BY	K. THOMAS
DRAWN BY	E. SJOBERG
CHECKED BY	P. URSILLO
PROJECT NUMBER	10360008



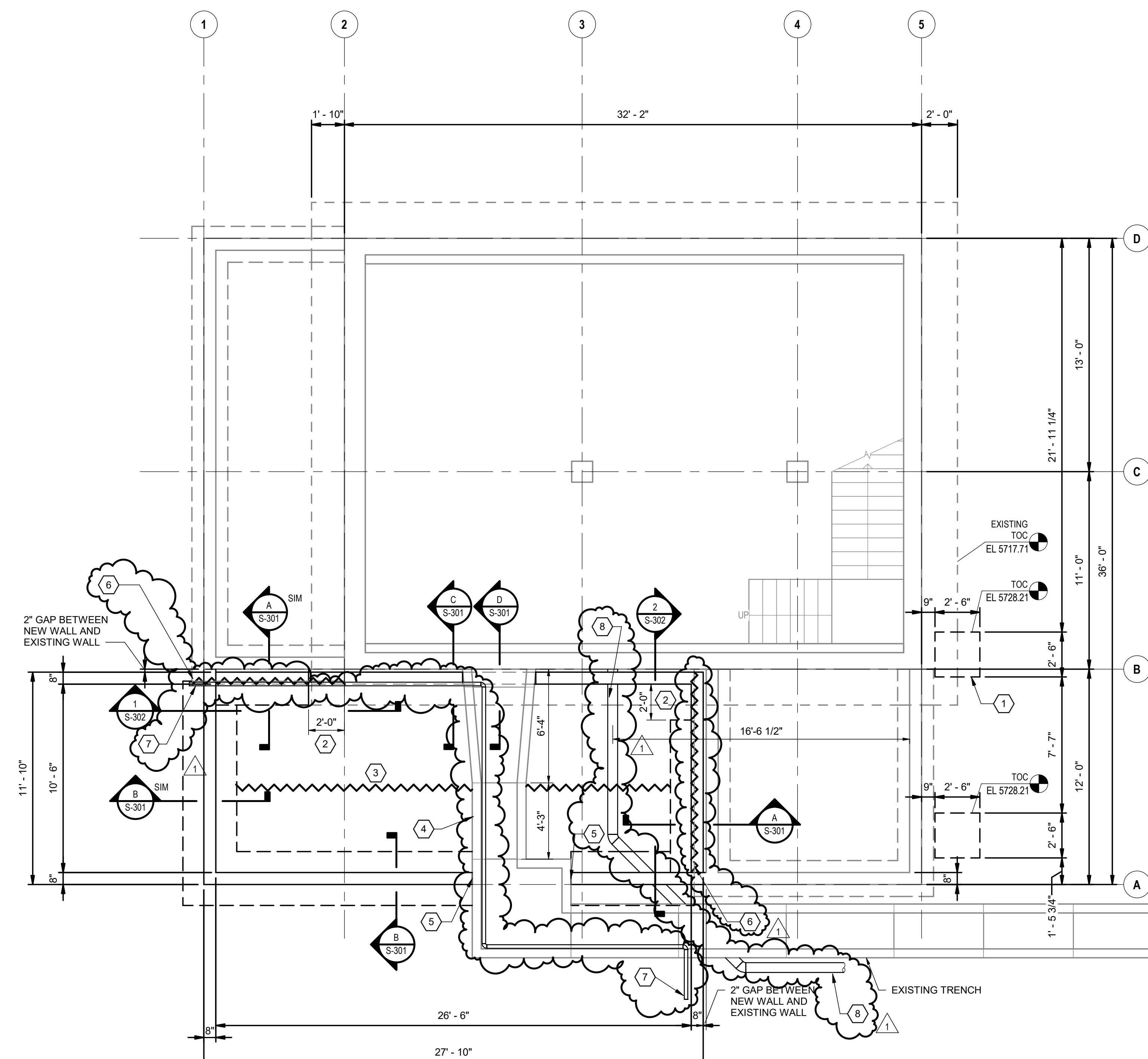
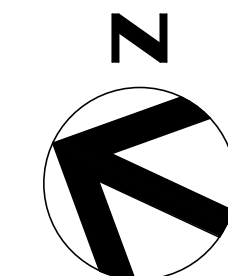
KETCHUM/SVSWD
WASTEWATER TREATMENT PLANT
AERATION IMPROVEMENTS



FILENAME | C001.dwg
SCALE | AS NOTED

CIVIL
ENLARGED SITE PLAN

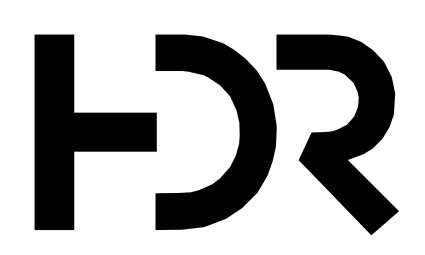
SHEET
C-102



- GENERAL NOTES**
- A. COORDINATE THIS PLAN WITH PROCESS AND ELECTRICAL.
 - B. SEE STRUCTURAL GENERAL NOTES ON SHEET S-001.
 - C. FOUNDATIONS SHALL BEAR ON NATIVE MATERIAL. A GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE THE BEARING MATERIAL IN ACCORDANCE WITH SPECIFICATION SECTION 31 23 00 PRIOR TO FORMING FOOTINGS.
 - D. TYPICAL TOP OF NEW FOOTING ELEV: 4126.71', UNO.

- KEY NOTES** (X)
- 1 PIPE SUPPORT FOUNDATION. SEE DETAIL 5/S-002.
 - 2 STOP FOOTING AT 2'-0" FROM FACE OF NEW WALL. PROJECT WALL AND CONNECT AT CORNERS TO NEW WALLS. STEP BOTTOM OF NEW WALL UP TO NEW TOP OF FOOTING ELEVATION.
 - 3 SEE DETAIL C AND D ON SHEET S-301 FOR CONTRACTOR DESIGNED TEMP SHORING REQUIRED BELOW EXISTING TRENCH.
 - 4 EXISTING TRENCH TO REMAIN IN PLACE DURING CONSTRUCTION WITH LIVE ELECTRICAL CONDUITS. REFER TO DETAILS ON S-301.
 - 5 STOP NEW STEM WALL FOUNDATION ON EACH SIDE OF TRENCH. SEE ELEVATION DETAIL 5/S-302.
 - 6 EXISTING SHALLOW FOOTING ADJACENT TO DEEPER STRUCTURE. TOP OF FOOTING IS ANTICIPATED TO BE 5726.71. CONTRACTOR FIELD VERIFY. CONTRACTOR TO SHORE THE EXISTING SHALLOW FOOTINGS AS NECESSARY TO AVOID UNDERMINING EXISTING FOOTINGS AND MAINTAIN STABILITY OF EXISTING STRUCTURE. NOTE THAT THE EXISTING SOIL MAY CONTAIN COBBLES.
 - 7 EXISTING 2"-ALP. C.L. APPROXIMATELY 5729.71. FIELD VERIFY BURY DEPTH AND ROUTING.
 - 8 EXISTING 6"-WAS. C.L. APPROXIMATELY 5727.13. FIELD VERIFY BURY DEPTH AND ROUTING.

BASEMENT FOUNDATION PLAN
1/4" = 1'-0"

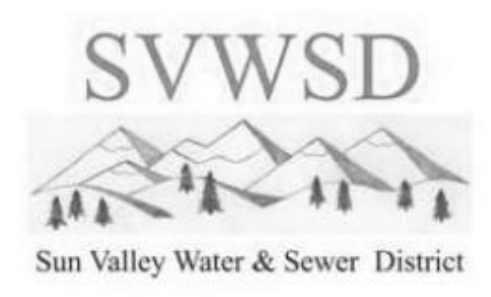


ISSUE	DATE	DESCRIPTION
1	2/08/2024	ADDENDUM NO.1
0	1/10/2024	ISSUED FOR BID

PROJECT MANAGER	BRAD BJERKE
DESIGNED BY	J. CORONADO
DESIGNED BY	Z. NANNEN
DRAWN BY	R. NELSON
CHECKED BY	R. MANSKE
PROJECT NUMBER	10360008



KETCHUM/SVSWD
WASTEWATER TREATMENT PLANT
AERATION IMPROVEMENTS



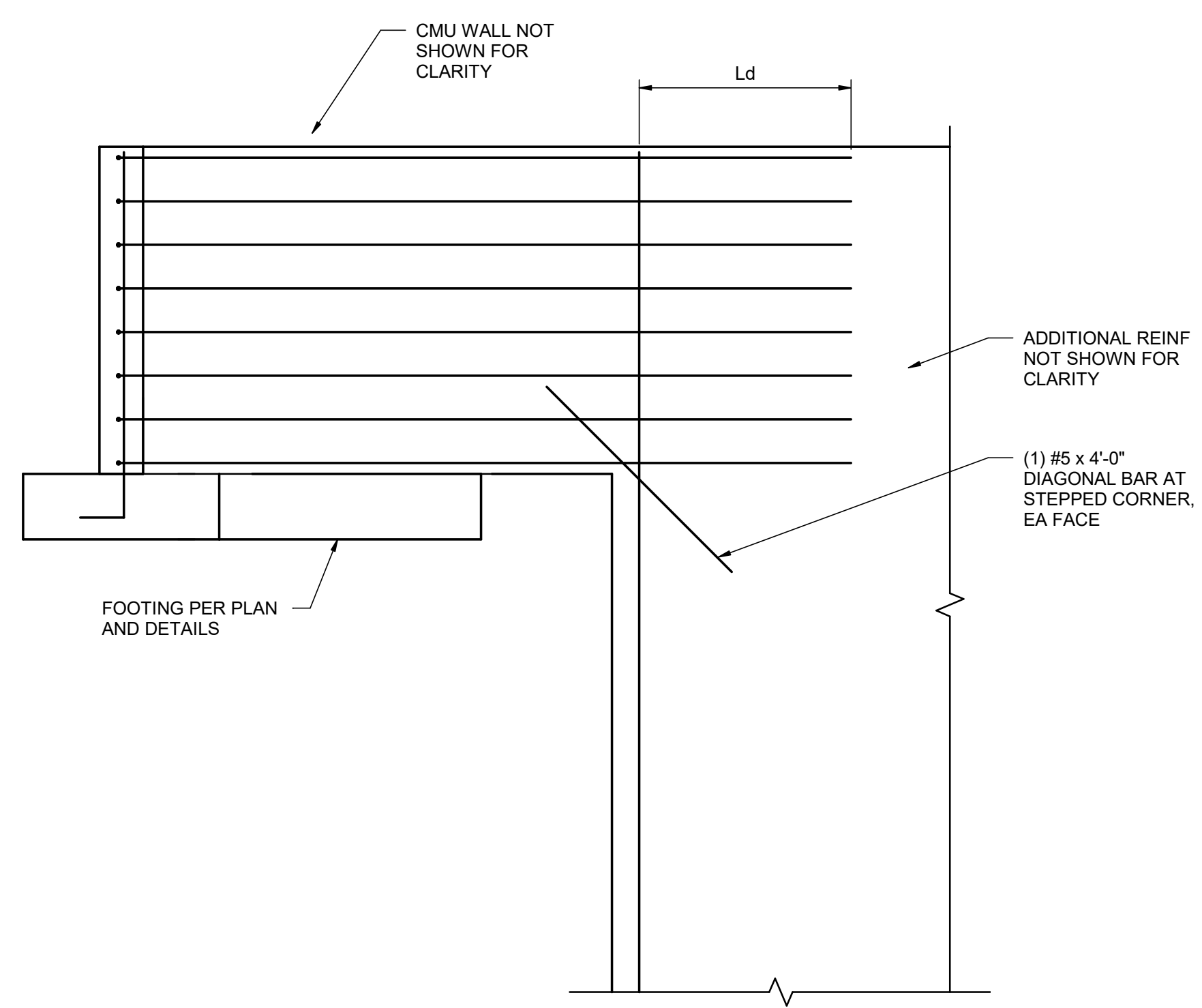
STRUCTURAL
AERATION BLOWER BUILDING
BASEMENT FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

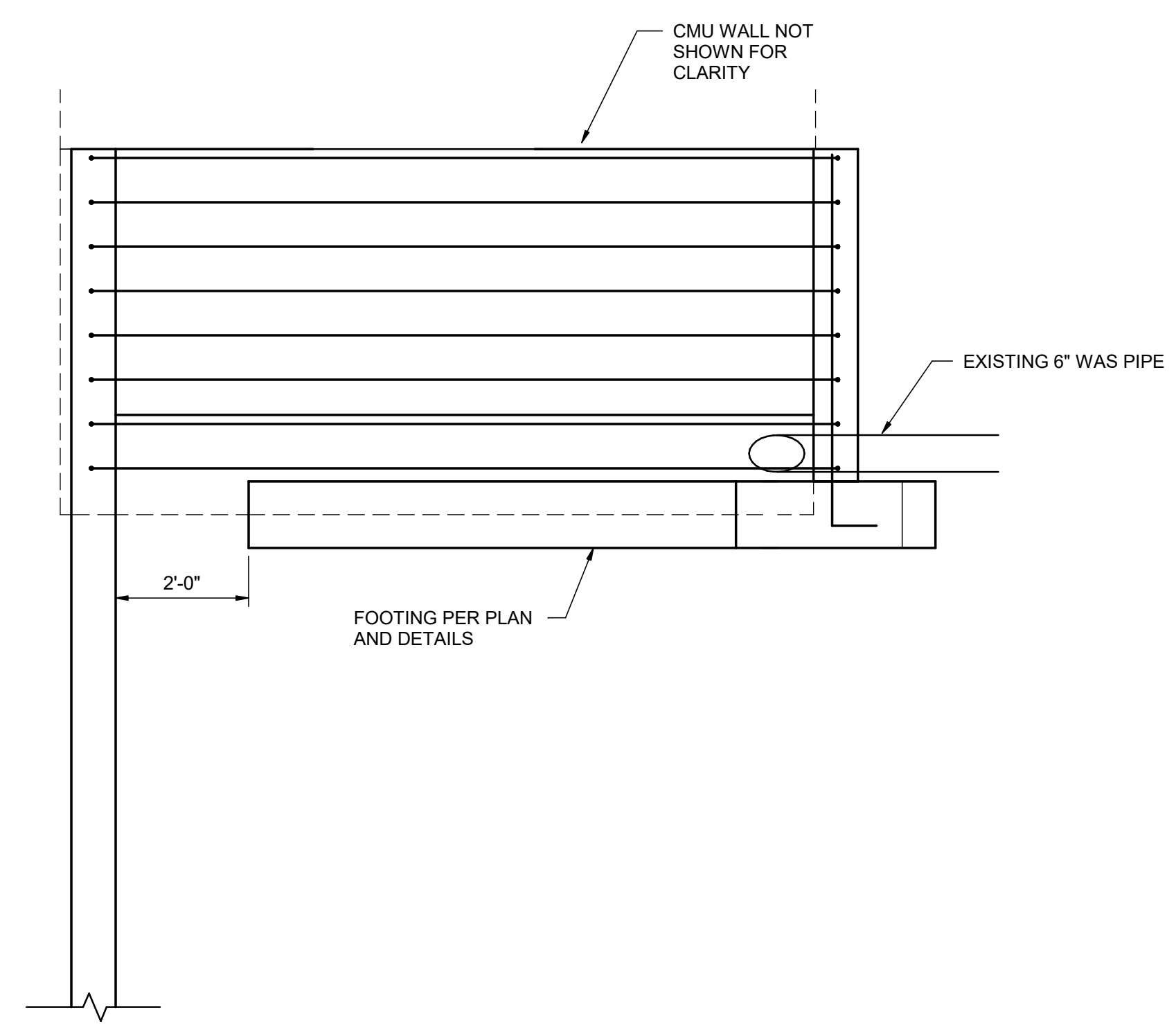
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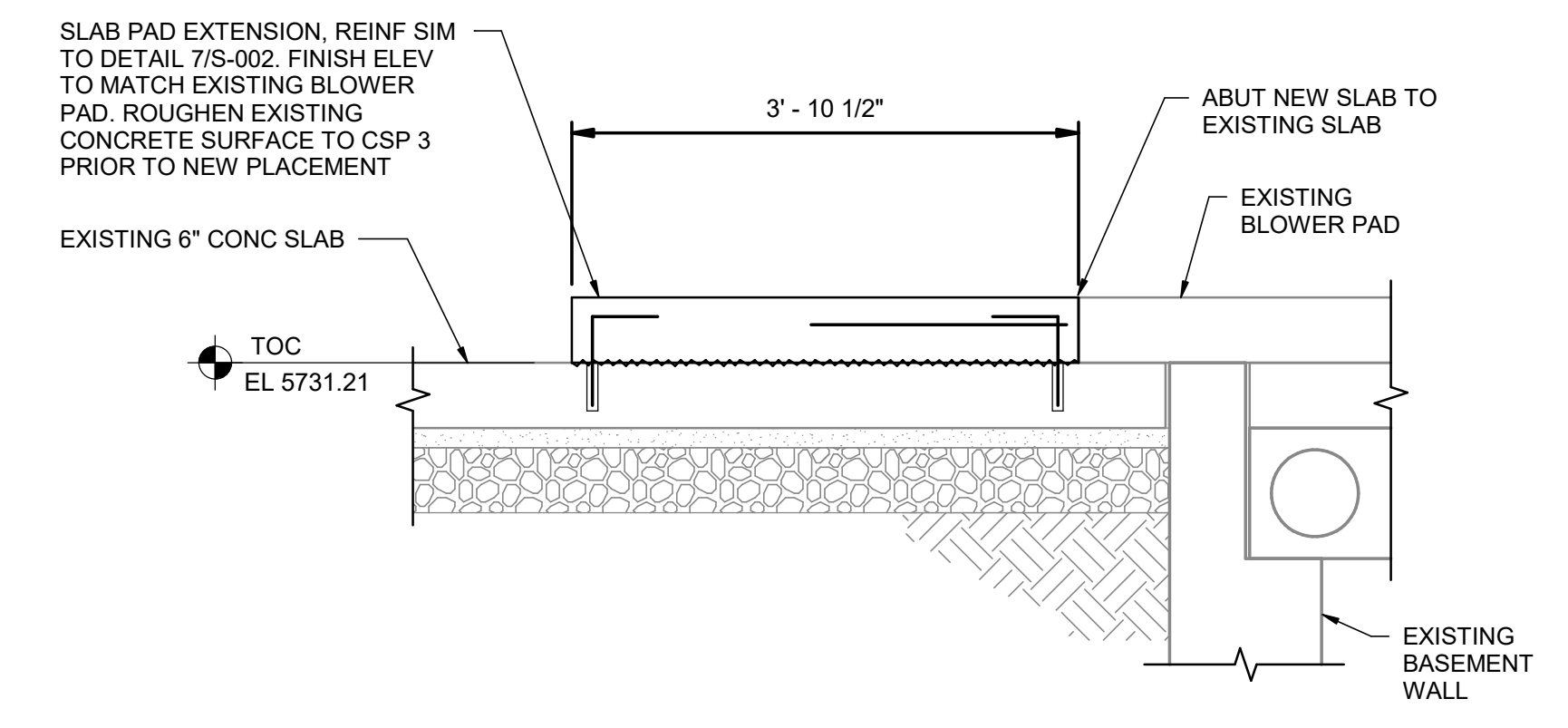
GENERAL NOTES
 A. SEE STRUCTURAL GENERAL NOTES ON SHEET S-001.



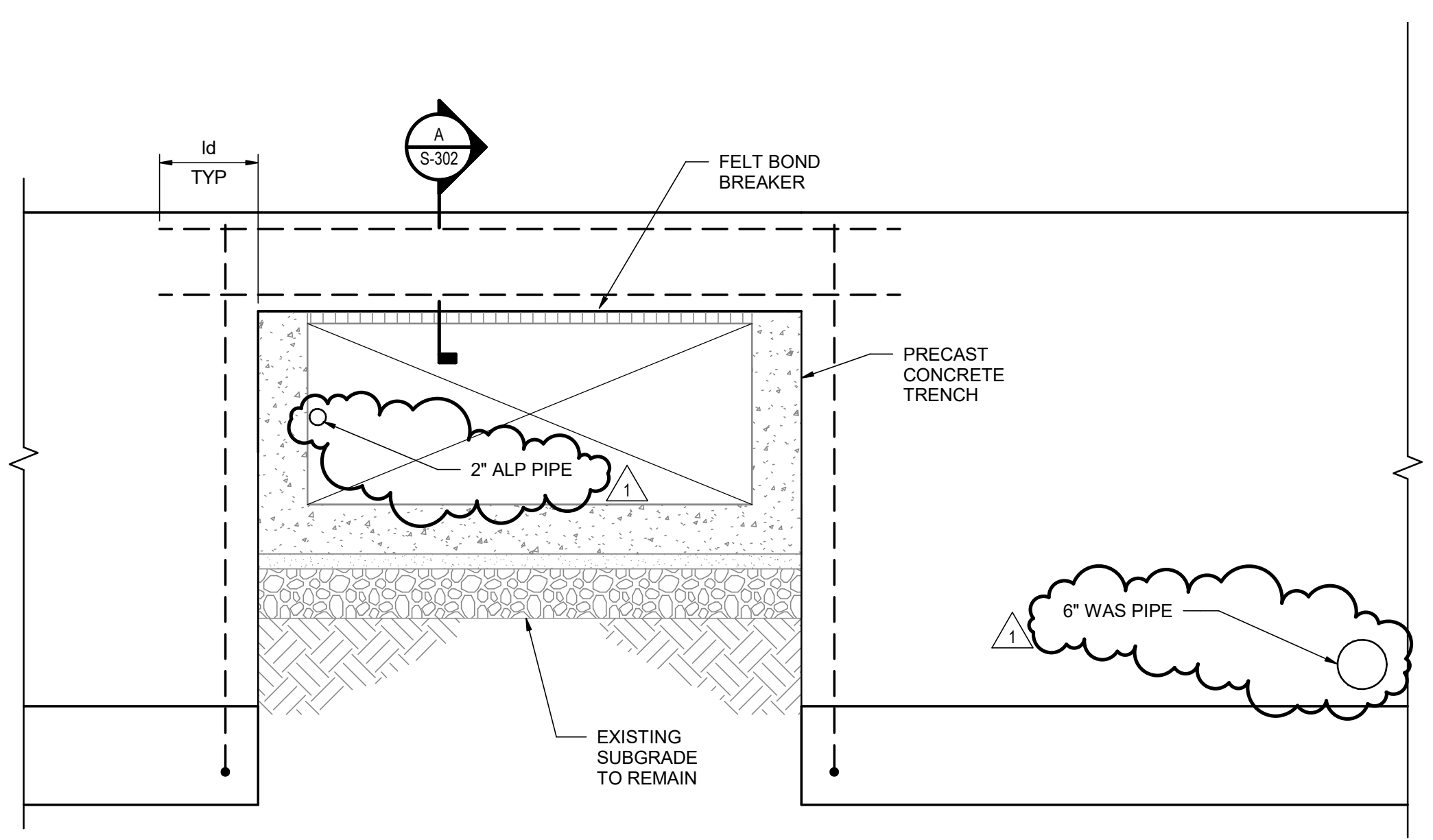
1 FOUNDATION DETAIL
 S-101 1/2" = 1'-0"



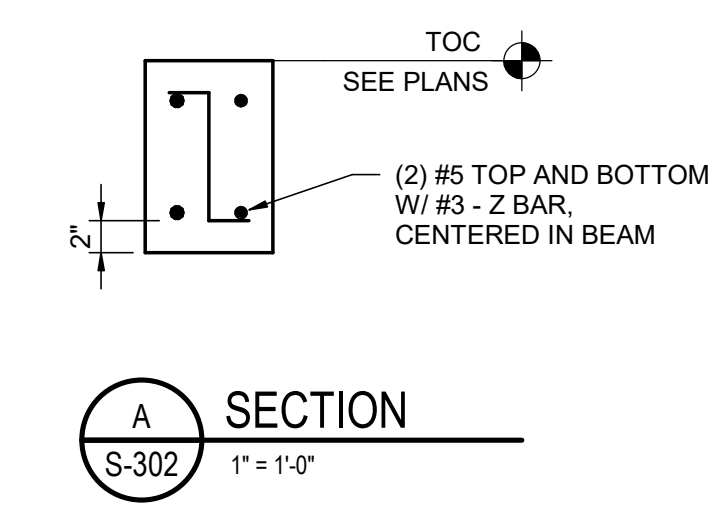
2 FOUNDATION DETAIL
 S-101 1/2" = 1'-0"



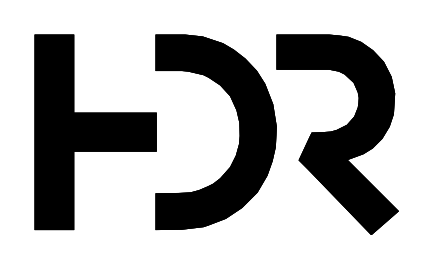
3 SLAB PAD EXTENSION DETAIL
 S-102 3/4" = 1'-0"



4 STEM WALL FOUNDATION AT EXISTING TRENCH
 S-101 3/4" = 1'-0"



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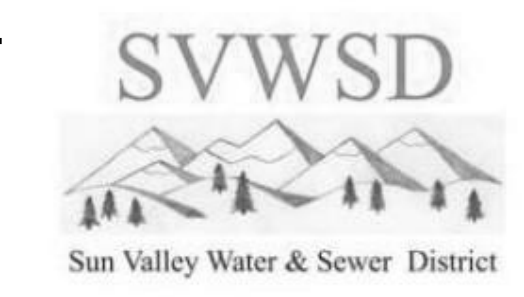


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**KETCHUM/SVSWD
 WASTEWATER TREATMENT
 PLANT
 AERATION IMPROVEMENTS**



**STRUCTURAL
 AERATION BLOWER BUILDING
 FOUNDATION SECTIONS AND DETAILS**

FILENAME HDRE_ALL_DISCIPLINES.rvt
 SCALE As indicated

SHEET
S-302

Agenda

Project: Ketchum/SVWSD WRF Aeration Upgrades

Subject: Pre-Bid Meeting

Date: Thursday, February 01, 2024

Meeting Date: Thursday, February 01, 2024

Time: 1:00 p.m.

Location: Ketchum/SVWSD Water Reclamation Facility
110 River Ranch Rd
Ketchum, ID 83340

Prepared By: Brad Bjerke, HDR

Attendees: HDR, DC Engineering, City of Ketchum, Sun Valley Water and Sewer District, Potential Bidders

1. *Introductions and Sign-In*

- City of Ketchum / SVWSD
 - Wastewater Superintendent – Mick Mummert
 - Ketchum City Clerk – Trent Donat
tdonat@ketchumidaho.org (208-806-7010)
 - HDR Project Manager – Brad Bjerke brad.bjerke@hdrinc.com
 - HDR Project Engineer – Kody Thomas
- DC Engineering
 - Electrical / Controls Engineering – John Barrutia jbarrutia@dcengineering.net

2. *Purpose and Organization of Meeting*

- Introduction of the purpose and agenda – Meeting with a tour to follow

3. *Meeting Sign-In Sheet*

- Pre-Bid Conference. Sign-in form.
- Plan holders and Pre-Bid Attendee List – to be posted in addendum

4. Overview of Project

A. The Work of this Contract under the Lump Sum Bid project includes the following:

1. New electrical room
 - a) Rebuild of electrical gear
 - b) VFDs Owner Furnished Equipment
 - c) Minimizing down-time
2. Installation of new Owner Furnished Blowers (2)
 - a) Temporary installation of blower outside
 - b) Modification of air piping
 - c) Installation of blower in blower room
3. Modification of aeration basins
 - a) Cleaning of AB #4 (and inspection of #3)
 - b) Installation of new diffuser membranes (replacement of ceramic disc with membrane disc)
 - c) Modifications of diffuser layout and piping
 - d) Providing downflow floating mechanical mixers (in Zone 1)
 - e) Providing Mixed Liquor Recycle (MLR) submersible pumps in Zone 3

5. Bidding Details

- **Bid Documents** are available at no charge at City Website, www.ketchumidaho.org. Register with City to be on Plan Holder List.
- **Bid Opening at City Hall.**
Sealed Bids for the construction of the Ketchum/SVWSD Aeration Upgrades will be received until 2:00 pm on Wednesday, February 14, 2024 at the Ketchum City Clerk Office, 191 5th Street West, Ketchum, ID 83340, at which time the Bids received will be opened and publically read in the presence of the bidders at Ketchum City Hall.
- **Bid Bond;** Cash, or certified check, or cashier’s check or surety bond in the sum of five percent (5%) of the Base Bid Total must accompany the copy of the bid filed with the City Clerk.
- **Proposed Subcontractors List:** Bidder shall list in Section 00 43 13 - Proposed Subcontractors the name, business address, Idaho Public Works Contractor's license number, and description of the work for each subcontractor who will perform work if the Bidder is awarded the Contract. Subcontractors for plumbing, heating and air conditioning, and electrical work must be named according to Idaho State law.
- **Engineer’s Estimate**
 - \$ 4 Million

6. Project Schedule

- **Bid Opening** – February 14, 2024
- Estimated Notice of Award – within 30 days after bid opening
- Estimated Notice to Proceed – within 30 days after Agreement (< 60 days after bid opening)
- The Work will be **substantially completed** within 365 days after the date when the Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and completed and ready for **final payment** in accordance with Paragraph 15.06 of the General Conditions within 400 days after the date when the Contract Times commence to run.

7. Organization of Contract Documents

- Conditions of Contract, General Requirements and Technical Specifications; Volume 1

- Owner Furnished Equipment Information: Volumes 2
- Other Reference Documents Available:
 - Geotechnical Data Report : posted on City web site
- Drawings: Volume 3

8. *Construction Constraints*

- Site Working Hours and Days – 7:30 am to 7:00 pm. Note no work on Sundays or Holidays
- Maintain plant operations throughout the construction period.
- See Section 01 31 13 Project Coordination.
 - Specific Constraints identified
 - Suggested sequence of construction described
- Removal from Service Requests
 - Coordination with Plant Operations
 - Advance notice required
 - Work continuously during shutdowns – minimize impacts

9. *Site Issues*

- Access Road, Construction entrance gate
- Staging, Laydown, and Storage Areas
- Earthwork: Stockpile excavation materials on-site in location shown
- Aeration Basin Grit Removal: Truck to City drying beds (at Ohio Gulch Transfer Station)
- Field Office and Utilities
- Plant Operations, Biosolids Truck Route, Chemical Deliveries, Emergency Vehicle Access
- Site Security, Public Safety, Good Neighbor – Dust /Trash/Parking/Noise/etc.

10. *Concurrent Work on the Site*

- None at this time

11. *Special Topics/Features of This Contract*

- Electronic Document Tracking System – Newforma (RFI's and Submittals only)
- Wage Rates
- Progress Schedule
- Schedule of Values
- Change Order Process
- Temporary Shutdowns and Operational Impacts
- Safety
 - Contractor's Safety Plan
 - Contractor Access

12. *Addenda Schedule*

- All questions about the meaning or intent of the Bidding Documents are to be submitted to City of Ketchum City Clerk in writing. Interpretations or clarifications considered necessary by Engineer in response to such questions will be posted to the City web site. Questions received less than 3 days prior to the date for opening of Bids may not be answered. Only questions answered by Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.
- Addendum No. 1: – TBD.
- Final Addendum prior to bid: Anticipated issue date, not later than 3 days prior to bid

13. Maintaining Ongoing Plant Operations

- Maintain plant operations and permit compliance.
- Contractor shall make no operational changes (valves, equipment, etc.).
 - City of Ketchum operations staff only.
- Meeting permit and treating wastewater is continuous and critical. Keep facility operational at all times except for shutdowns as required and allowed per Project Coordination.

14. Quality Assurance and Special Inspections

- HDR Construction Management Team
- Interface with City of Ketchum
 - City of Ketchum will acquire Building Permits. Owner will pay building permit fee
 - Contractor to acquire building trade permits and schedule inspections required for all permits required for the Project. Contractor pays for trade permits – submit to City for reimbursement.
- Special Inspection Provisions (Contractor coordinate with CM Team; Owner pays)
- Geotechnical and Structural Engineer IBC Observation Provisions

15. Bidder Questions

16. Walk Through

Ketchum Aeration Upgrades

Pre-Bid Meeting

Feb. 1, 2024

Attendance

<u>Name</u>	<u>Company</u>	<u>Phone</u>	<u>e-mail</u>
1. Brad Bjerke	HDR	208-541-3822	brad.bjerke@hdrinc.com
2. Calvin Burton	DCE	208-867-9899	cburton@dceengineering.net
3. Kody Thomas	HDR	208-994-1922	kody.thomas@hdrinc.com
4. Mick Mummert		208-720-3093	mmummert@ketchumidaho.org
5. Trent Donat	City of Ketchum	208-726-3841	tdonat@ketchumidaho.org
6. Jeff Vert	CITY OF Ketchum	208-726-7825	JVERT@ketchumidaho.org
7. Noah Rusk	IMCO	435-401-4156	Nrusk@imcoconstruction.com
8. Steve Pieris	RSCJ	208-789-7133	StevePieris@RSCJGroup.com
Clint Kelly - Syblor Reid		208-949-8144	clintk@srco.com
BILL WEYMOUTH	XYLEM-FLYGT	208-401-5257	bill.weymouth@xylem.com
Jordan Taylor	Sherwin-Williams	208-859-9156	Jordan.a.taylor@sherwin.com
JONATHAN LUNCIFORD		208-720-1655	ALABAMA626@GMAIL.COM
Jess Smith		208-481-2547	Jess@concrete-SC.com
Dan Rothbard	GSE	602-391-6441	Drothbard@GSEconstruction.com