

INVITATION TO BID

Date	August 13, 2026	
Owner	Last Chance Canal Company ATTN: Mark Mathews P.O. Box 93 Grace, Idaho, 83241	Phone: 208-681-8008 Email: mathews6@live.com
Engineer	Franson Civil Engineers ATTN: Ben Sandberg 459 South Main Street, Suite 200 Logan, Utah 84321	Phone: 435-754-7661 Email: bsandberg@fransonicivil.com

Last Chance Canal Company (Owner) is requesting Bids for the construction of the Last Chance First West Diversion Structure.

The description of work for this project can be found in the Contract for Construction of a Small Project Article 1.01B.

Obtaining the Bidding Documents

Bidding documents will be available on Thursday, August 13, 2026. Information and Bidding Documents for the Project will be available on QuestCDN. The listing on QuestCDN can be accessed at www.fransonicivil.com/project-bidding. The non-refundable fee to download the bid documents is \$25.00.

The documents in this Bid package include:

1. This Invitation to Bid, complete with all instructions necessary to submit a bid
2. Bid Form
3. Contractor Qualification
4. EJCDC C-522 Agreement
5. Drawings and Technical Specifications

Bid Submission and Evaluation

Bidder must register as a plan holder on QuestCDN.com to be able to submit a bid. Bids must be submitted on QuestCDN.com via the online electronic bid service QuestCDN vBid before 2:00 pm MDT on Thursday, September 3, 2026. After this time, bids QuestCDN vBid will close and tabulate the bids. Bids submitted after this time will not be accepted.

Contractors will submit the following uploads to QuestCDN:

1. Download and fill out the Bid Form Unit Price Table. Upload completed table to QuestCDN.
2. Contractor Qualification Document
3. Bid Bond

Bid results will be made available through QuestCDN. Owner intends to award the Contract to the lowest apparent bidder who is found to be responsive. Bidders found to be responsive have submitted all required uploads and filled out the information contained therein. Owner reserves the right to reject any or all bids, request clarification, and waive informalities.

Before the deadline for receipt of Bids, Bidder may withdraw, modify, or resubmit its Bid through QuestCDN.

Questions

Questions will be answered through the QuestCDN Q&A. Submit questions through the Q&A portal by Thursday, August 27, 2026, at 5:00 pm. Questions submitted after this date may not be answered.

Pre-bid Conference

A pre-bid conference for the Project will be held on Friday, August 21, 2026, at 10:00 am at the corner of 4th South and Highway 34, Grace, Idaho 83241. Park on the north side of the Church house. Attendance at the pre-bid conference is encouraged but not required.

Site Visit

Bidder is encouraged to visit the Site and conduct a thorough visual examination of the Site and adjacent areas. During the visit the Bidder must not disturb any ongoing operations at the Site. A Site visit is scheduled in conjunction with the pre-bid conference.

Special Conditions

The Owner is bound by Build America, Buy America (BABA) regulations due to receiving funding from WaterSMART. The BABA requirements are attached, and the Contractor must be able to comply with these requirements.

DOCUMENT 00 52 20

CONTRACT FOR CONSTRUCTION OF A SMALL PROJECT

This Contract is by and between Last Chance Canal Company (Owner) and

(Contractor).

Owner and Contractor hereby agree as follows:

ARTICLE 1 - THE WORK

1.01 Work

- A. Work includes all labor, materials, equipment, services, and documentation necessary to construct the Project defined herein. The Work may include related services such as testing, start-up, and commissioning, all as required by the Contract Documents.
- B. The Contractor shall complete all Work as specified or indicated in the Contract Documents. The Project is generally described as follows:
 - 1. First West Diversion Structure, which includes removal of the existing headgate, headwall, diversion piping, and related appurtenances, and replacement with a new concrete headwall, automated slide gate, 48-inch pipeline, and outlet structure. The Work also includes replacement of affected sidewalk, curb and gutter, surface restoration, and related work within Idaho Transportation Department and Grace City rights-of-way.
 - 2. The Site of the Work includes property, easements, and designated work areas described in greater detail in the Contract Documents but generally located near the intersection of Highway 34 and 4th South in Grace, Idaho at 42°34'22" N, 111°43'49" W.

ARTICLE 2 - CONTRACT DOCUMENTS

2.01 Intent of Contract Documents

- A. It is the intent of the Contract Documents to describe a functionally complete project. The Contract Documents do not indicate or describe all of the Work required to complete the Project. Additional details required for the correct installation of selected products are to be provided by the Contractor and coordinated with the Owner and Engineer. This Contract supersedes prior negotiations, representations, and agreements, whether written or oral. The Contract Documents are complementary; what is required by one part of the Contract Documents is as binding as if required by other parts of the Contract Documents.
- B. During the performance of the Work and until final payment, Contractor and Owner shall submit all matters in question concerning the requirements of the Contract Documents, or relating to the acceptability of the Work under the Contract Documents to the Engineer. Engineer will be the initial interpreter of the requirements of the Contract Documents, and judge of the acceptability of the Work thereunder.
- C. Engineer will render a written clarification, interpretation, or decision on the issue submitted, or initiate a modification to the Contract Documents.

- D. Contractor, and its subcontractors and suppliers, shall not have or acquire any title to or ownership rights to any of the Drawings, Specifications, or other documents (including copies or electronic media editions) prepared by Engineer or its consultants.

2.02 Contract Documents Defined

- A. The Contract Documents consist of the following documents:

1. This Contract.
2. Performance bond.
3. Payment bond.
4. Specifications listed in the Table of Contents.
5. Drawings as listed on the Drawing Sheet Index.
6. Addenda.
7. Exhibits to this Contract (enumerated as follows):
 - a. Build America Buy America (BABA) Preferences
8. The following which may be delivered or issued on or after the Effective Date of the Contract:
 - a. Work Change Directives (EJCDC C-940).
 - b. Change Orders (EJCDC C-941).
 - c. Field Orders.

ARTICLE 3 - ENGINEER

3.01 Engineer

- A. The Engineer for this Project is Franson Civil Engineers.

ARTICLE 4 - CONTRACT TIMES

4.01 Contract Times

- A. Contractor may not commence Work that interrupts water delivery any sooner than October 1, 2026. The Work will be substantially completed on or before **April 1, 2027**, and completed and ready for final payment on or before **May 7, 2027**.

4.02 Liquidated Damages

- A. Contractor and Owner recognize that time is of the essence in the performance of the Contract, and that Owner will incur damages if Contractor does not complete the Work according to the requirements of Paragraph 4.01. Because such damages for delay would be difficult and costly to determine, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty) Contractor shall pay Owner **\$2,000.00** for each day that expires after the Contract Time for substantial completion.

4.03 Delays in Contractor's Progress

- A. If Owner, Engineer, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in the Contract Times and Contract Price. Contractor's entitlement to

an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.

- B. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delay, disruption, or interference caused by or within the control of Contractor or their subcontractors or suppliers.
- C. If Contractor's performance or progress is delayed, disrupted, or interfered with by unanticipated causes not the fault of and beyond the control of Owner, Contractor, and those for which they are responsible, then Contractor shall be entitled to an equitable adjustment in Contract Times.
- D. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for any delay, disruption, or interference if such delay is concurrent with a delay, disruption, or interference caused by or within the control of Contractor or Contractor's subcontractors or suppliers.

4.04 Progress Schedules

- A. Contractor shall develop a progress schedule and submit to the Engineer for review and comment before starting Work on the Site. The Contractor shall modify the schedule in accordance with the comments provided by the Engineer.
- B. The Contractor shall update and submit the progress schedule to the Engineer each month. The Owner may withhold payment if the Contractor fails to submit the schedule.

ARTICLE 5 - CONTRACT PRICE

5.01 Payment

- A. Owner shall pay Contractor in accordance with the Contract Documents at the unit prices (as shown in the table on the Bid Form Document) for each unit of Work completed. Payment will be made in an amount equal to the total of all extended prices for actual Work completed. The extended price is determined by multiplying the unit price times the actual quantity of that Work item completed. Actual quantities installed will be determined by the Engineer.

ARTICLE 6 - BONDS AND INSURANCE

6.01 Bonds

- A. Before starting Work, Contractor shall furnish a performance bond and a payment bond from surety companies that are duly licensed or authorized to issue bonds in the required amounts in the jurisdiction in which the Project is located. Each bond shall be in an amount equal to the Contract Price, as security for the faithful performance and payment of all of Contractor's obligations under the Contract. These bonds shall remain in effect until the completion of the correction period specified in Paragraph 7.12 but, in any case, not less than one year after the date when final payment becomes due.

6.02 Insurance

- A. Before starting Work, Contractor shall furnish evidence of insurance from companies that are duly licensed or authorized in the jurisdiction in which the Project is located with a minimum AM Best rating of A-VII or better. Contractor shall provide insurance in accordance with the following:

1. Contractor shall provide coverage for not less than the following amounts, or greater where required by Laws and Regulations:

- a. Workers' Compensation:

State:	<u>Statutory</u>
Employer's Liability:	<u></u>
Bodily Injury/Disease Aggregate	\$ <u>1,000,000</u>

- b. Commercial General Liability:

General Aggregate	\$ <u>2,000,000</u>
Products - Completed Operations Aggregate	\$ <u>2,000,000</u>
Personal and Advertising Injury	\$ <u>1,000,000</u>
Each Occurrence (Bodily Injury and Property Damage)	\$ <u>1,000,000</u>

- c. Automobile Liability herein:

Combined Single Limit of:	\$ <u>1,000,000</u>
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- d. Excess or Umbrella Liability:

Per Occurrence	\$ <u>1,000,000</u>
General Aggregate	\$ <u>1,000,000</u>

- e. Contractor is not required to provide Contractor's Pollution Liability insurance under this Contract.

- B. All insurance policies required to be purchased and maintained will contain a provision or endorsement that the coverage afforded will not be canceled or materially changed or renewal refused until at least 10 days prior written notice has been given to the insured and additional insured.

- C. Automobile liability insurance provided by Contractor shall provide coverage against claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance, or use of any motor vehicle. The automobile liability policy shall be written on an occurrence basis.
- D. Contractor's commercial general liability policy shall be written on a 1996 or later ISO commercial general liability occurrence form and include the following coverages and endorsements:
 - 1. Products and completed operations coverage maintained for three years after final payment;
 - 2. Blanket contractual liability coverage to the extent permitted by law;
 - 3. Broad form property damage coverage; and
 - 4. Severability of interest; underground, explosion, and collapse coverage; personal injury coverage.
- E. The Contractor's commercial general liability and automobile liability, umbrella or excess, and pollution liability policies shall include and list Owner and Engineer and the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each as additional insureds; and the insurance afforded to these additional insureds shall provide primary coverage for all claims covered thereby (including as applicable those arising from both ongoing and completed operations) on a non-contributory basis.
 - 1. Additional insured endorsements will include both ongoing operations and products and completed operations coverage through ISO Endorsements CG 20 10 10 01 and CG 20 37 10 01 (together). If Contractor demonstrates to Owner that the specified ISO endorsements are not commercially available, then Contractor may satisfy this requirement by providing equivalent endorsements.
 - 2. Contractor shall provide ISO Endorsement CG 20 32 07 04, "Additional Insured—Engineers, Architects or Surveyors Not Engaged by the Named Insured" or its equivalent for design professional additional insureds.
- F. Umbrella or excess liability insurance shall be written over the underlying employer's liability, commercial general liability, and automobile liability insurance. Subject to industry-standard exclusions, the coverage afforded shall be procured on a "follow the form" basis as to each of the underlying policies. Contractor may demonstrate to Owner that Contractor has met the combined limits of insurance (underlying policy plus applicable umbrella) specified for employer's liability, commercial general liability, and automobile liability through the primary policies alone, or through combinations of the primary insurance policies and an umbrella or excess liability policy.
- G. The Contractor shall provide property insurance covering physical loss or damage during construction to structures, materials, fixtures, and equipment, including those materials, fixtures, or equipment in storage or transit.
- H. If Contractor has failed to obtain and maintain required insurance, Owner may exclude the Contractor from the Site, impose an appropriate set-off against payment, and exercise Owner's termination rights under Article 15.

ARTICLE 7 - CONTRACTOR'S RESPONSIBILITIES

7.01 Supervision and Superintendence

- A. Contractor shall supervise and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. Contractor shall be solely responsible for the means, methods, techniques, sequences, safety, and procedures of construction.
- B. Contractor shall assign a competent resident superintendent who is to be present at all times during the execution of the Work. This resident superintendent shall not be replaced without written notice to and approval by the Owner and Engineer except under extraordinary circumstances.
- C. Contractor shall at all times maintain good discipline and order at the Site.
- D. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site shall be performed during regular working hours, Monday through Friday.

7.02 Other Work at the Site

- A. In addition to and apart from the Work of the Contractor, other work may occur at or adjacent to the Site. Contractor shall take reasonable and customary measures to avoid damaging, delaying, disrupting, or interfering with the work of Owner, any other contractor, or any utility owner performing other work at or adjacent to the Site.

7.03 Services, Materials, and Equipment

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start up, and completion of the Work, whether or not such items are specifically called for in the Contract Documents.
- B. All materials and equipment incorporated into the Work shall be new, of good quality and shall be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable supplier, except as otherwise may be provided in the Contract Documents.

7.04 Subcontractors and Suppliers

- A. Contractor may retain subcontractors and suppliers for the performance of parts of the Work. Such subcontractors and suppliers must be acceptable to Owner.

7.05 Quality Management

- A. Contractor is fully responsible for the managing quality to ensure Work is completed in accordance with the Contract Documents.

7.06 Licenses, Fees and Permits

- A. Contractor shall pay all license fees and royalties and assume all costs incident to performing the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others.
- B. Contractor shall obtain and pay for all construction permits and licenses unless otherwise provided in the Contract Documents.

7.07 Laws and Regulations; Taxes

- A. Contractor shall give all notices required by and shall comply with all local, state, and federal Laws and Regulations applicable to the performance of the Work. Except where otherwise expressly required by applicable Laws and Regulations, neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.
- B. Contractor shall bear all resulting costs and losses, and shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages if Contractor performs any Work or takes any other action knowing or having reason to know that it is contrary to Laws or Regulations.
- C. Contractor shall pay all applicable sales, consumer, use, and other similar taxes Contractor is required to pay in accordance with Laws and Regulations.

7.08 Record Documents

- A. Contractor shall maintain one printed record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, written interpretations and clarifications, and approved shop drawings in a safe place at the Site. Contractor shall annotate them to show changes made during construction. Contractor shall deliver these record documents to Engineer upon completion of the Work.

7.09 Safety and Protection

- A. Contractor shall be solely responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work.
- B. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:
 - 1. All persons on the Site or who may be affected by the Work;
 - 2. All the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
 - 3. Other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, other work in progress, utilities, and underground facilities not designated for removal, relocation, or replacement in the course of construction.
- C. All damage, injury, or loss to any property caused, directly or indirectly, in whole or in part, by Contractor, or anyone for whose acts the Contractor may be liable, shall be remedied by Contractor at its expense (except damage or loss attributable to the fault of Contract Documents or to the acts or omissions of Owner or Engineer and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor).
- D. Contractor shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.
- E. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor shall act to prevent threatened damage, injury, or loss. Contractor shall give Engineer prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby or are required as a result thereof. If Engineer determines that a change in the

Contract Documents is required because of the action taken by Contractor in response to such an emergency, a Work Change Directive or Change Order will be issued.

7.10 Shop Drawings, Samples, and Other Submittals

- A. Contractor shall review and coordinate the shop drawing and samples with the requirements of the Work and the Contract Documents and shall verify all related field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information.
- B. Each submittal shall bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to Contractor's review of that submittal, and that Contractor approves the submittal.
- C. With each submittal, Contractor shall give Engineer specific written notice, in a communication separate from the submittal, of any variations that the shop drawing or sample may have from the requirements of the Contract Documents.
- D. Engineer will provide timely review of shop drawings and samples.
- E. Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions or programs.
- F. Engineer's review and approval of a separate item does not indicate approval of the assembly in which the item functions.
- G. Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of shop drawings and submit, as required, new samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous submittals.
- H. Shop drawings are not Contract Documents.

7.11 Warranties and Guarantees

- A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer and its officers, directors, members, partners, employees, agents, consultants, and subcontractors shall be entitled to rely on Contractor's warranty and guarantee.

7.12 Correction Period

- A. If within one year after the date of substantial completion, any Work is found to be defective, or if the repair of any damages to the Site, adjacent areas that Contractor has arranged to use through construction easements or otherwise, and other adjacent areas used by Contractor as permitted by Laws and Regulations, is found to be defective, then Contractor shall promptly and without cost to Owner, correct such defective Work.

7.13 Indemnification

- A. To the fullest extent permitted by Laws and Regulations, and in addition to any other obligations of Contractor under the Contract or otherwise, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the Work, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself),

including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of Contractor, any subcontractor, any supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts they may be liable.

ARTICLE 8 - OWNER'S RESPONSIBILITIES

8.01 Owner's Responsibilities

- A. Except as otherwise provided in the Contract Documents, Owner shall issue all communications to Contractor through Engineer.
- B. Owner shall make payments to Contractor as provided in this Contract.
- C. Owner shall provide Site and easements required to construct the Project.
- D. If Owner intends to contract with others for the performance of other work at or adjacent to the Site, unless stated elsewhere in the Contract Documents, Owner shall have sole authority and responsibility for such coordination.
- E. The Owner shall be responsible for performing inspections and tests required by applicable codes.
- F. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.
- G. While at the Site, Owner's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Owner has been informed.
- H. Owner shall furnish copies of any applicable Owner safety programs to Contractor.

ARTICLE 9 - ENGINEER'S STATUS DURING CONSTRUCTION

9.01 Engineer's Status

- A. Engineer will be Owner's representative during construction. The duties and responsibilities and the limitations of authority of Engineer as Owner's representative during construction are set forth in this Contract.
- B. Neither Engineer's authority or responsibility under this Article 9 or under any other provision of the Contract, nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer, shall create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any subcontractor, any supplier, any other individual or entity, or to any surety for or employee or agent of any of them.
- C. Engineer will make visits to the Site at intervals appropriate to the various stages of construction. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work.
- D. Engineer has the authority to reject Work if Contractor fails to perform Work in accordance with the Contract Documents.

- E. Engineer will render decisions regarding the requirements of the Contract Documents, and judge the acceptability of the Work.
- F. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

ARTICLE 10 - CHANGES IN THE WORK

10.01 Authority to Change the Work

- A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work.

10.02 Change Orders

- A. Owner and Contractor shall execute appropriate Change Orders covering:
 - 1. Changes in the Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive;
 - 2. Changes in the Work which are: (a) ordered by Owner or (b) agreed to by the parties or (c) resulting from the Engineer's decision, subject to the need for Engineer's recommendation if the change in the Work involves the design (as set forth in the Drawings, Specifications, or otherwise), or other engineering or technical matters; and
 - 3. Changes in the Contract Price or Contract Times or other changes which embody the substance of any final binding results under Article 12.
- B. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

ARTICLE 11 - DIFFERING SUBSURFACE OR PHYSICAL CONDITIONS

11.01 Differing Conditions Process

- A. If Contractor believes that any subsurface or physical condition including but not limited to utilities or other underground facilities that are uncovered or revealed at the Site either differs materially from that shown or indicated in the Contract Documents or is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in Work of the character provided for in the Contract Documents then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except with respect to an emergency) until receipt of a written statement permitting Contractor to do so.
- B. After receipt of written notice, Engineer will promptly:
 - 1. Review the subsurface or physical condition in question;

2. Determine necessity for Owner obtaining additional exploration or tests with respect to the condition;
 3. Determine whether the condition falls within the differing site condition as stated herein;
 4. Obtain any pertinent cost or schedule information from Contractor;
 5. Prepare recommendations to Owner regarding the Contractor's resumption of Work in connection with the subsurface or physical condition in question and the need for any change in the Drawings or Specifications; and
 6. Advise Owner in writing of Engineer's findings, conclusions, and recommendations.
- C. After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor regarding the subsurface or physical condition in question, addressing the resumption of Work in connection with such condition, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations, in whole or in part.

ARTICLE 12 - CLAIMS AND DISPUTE RESOLUTION

12.01 Claims Process

- A. The party submitting a claim shall deliver it directly to the other party to the Contract and the Engineer promptly (but in no event later than 10 days) after the start of the event giving rise thereto.
- B. The party receiving a claim shall review it thoroughly, giving full consideration to its merits. The two parties shall seek to resolve the claim through the exchange of information and direct negotiations. All actions taken on a claim shall be stated in writing and submitted to the other party.
- C. If efforts to resolve a claim are not successful, the party receiving the claim may deny it by giving written notice of denial to the other party. If the receiving party does not take action on the claim within 45 days, the claim is deemed denied.
- D. If the dispute is not resolved to the satisfaction of the parties, Owner or Contractor shall give written notice to the other party of the intent to submit the dispute to a court of competent jurisdiction unless the Owner and Contractor both agree to an alternative dispute resolution process.

ARTICLE 13 - TESTS AND INSPECTIONS; CORRECTION OF DEFECTIVE WORK

13.01 Tests and Inspections

- A. Owner and Engineer will have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access.
- B. Contractor shall give Engineer timely notice of readiness of the Work for all required inspections and tests, and shall cooperate with inspection and testing personnel to facilitate required inspections and tests.

- C. If any Work that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation. Such uncovering shall be at Contractor's expense.

13.02 Defective Work

- A. Contractor shall ensure that the Work is not defective.
- B. Engineer has the authority to determine whether Work is defective, and to reject defective Work.
- C. Prompt notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor.
- D. The Contractor shall promptly correct all such defective Work.
- E. When correcting defective Work, Contractor shall take no action that would void or otherwise impair Owner's special warranty and guarantee, if any, on said Work.
- F. If the Work is defective or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, then Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated.

ARTICLE 14 - PAYMENTS TO CONTRACTOR

14.01 Progress Payments

- A. The Contractor shall prepare a schedule of values that will serve as the basis for progress payments. The schedule of values will be in a form of application for payment acceptable to Engineer. The unit price breakdown submitted with the bid will be used for unit price work. Break lump sum items into units that will allow for measurement of Work in progress.

14.02 Applications for Payments:

- A. Contractor shall submit an application for payment in a form acceptable to the Engineer, no more frequently than monthly, to Engineer. Applications for payment will be prepared and signed by Contractor. Contractor shall provide supporting documentation required by the Contract Documents. Payment will be paid for Work completed as of the date of the application for payment.
- B. Beginning with the second application for payment, each application shall include an affidavit of Contractor stating that all previous progress payments received on account of the Work have been applied on account to discharge Contractor's legitimate obligations associated with prior applications for payment.

14.03 Retainage

- A. The Owner shall retain 5% of each progress payment until the Work is substantially complete.

14.04 Review of Applications

- A. Within 10 days after receipt of each application for payment, the Engineer will either indicate in writing a recommendation for payment and present the application for payment to Owner or return the application for payment to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. The Contractor will make the necessary corrections and resubmit the application for payment.

- B. Engineer will recommend reductions in payment (set-offs) which, in the opinion of the Engineer, are necessary to protect Owner from loss because the Work is defective and requires correction or replacement.
- C. The Owner is entitled to impose set-offs against payment based on any claims that have been made against Owner on account of Contractor's conduct in the performance of the Work, incurred costs, losses, or damages on account of Contractor's conduct in the performance of the Work, or liquidated damages that have accrued as a result of Contractor's failure to complete the Work.

14.05 Contractor's Warranty of Title

- A. Contractor warrants and guarantees that title to all Work, materials, and equipment furnished under the Contract will pass to Owner free and clear of (1) all liens and other title defects, and (2) all patent, licensing, copyright, or royalty obligations, no later than seven days after the time of payment by Owner.

14.06 Substantial Completion

- A. The Contractor shall notify Owner and Engineer in writing that the Work is substantially complete and request the Engineer issue a certificate of substantial completion when Contractor considers the Work ready for its intended use. Contractor shall at the same time submit to Owner and Engineer an initial draft of punch list items to be completed or corrected before final payment.
- B. Engineer will make an inspection of the Work with the Owner and Contractor to determine the status of completion. If Engineer does not consider the Work substantially complete, Engineer will notify Contractor and Owner in writing giving the reasons therefor.
- C. If Engineer considers the Work substantially complete or upon resolution of all reasons for non-issuance of a certificate identified in 14.06.B, Engineer will deliver to Owner a certificate of substantial completion which shall fix the date of substantial completion and include a punch list of items to be completed or corrected before final payment.

14.07 Final Inspection

- A. Upon written notice from Contractor that the entire Work is complete, Engineer will promptly make a final inspection with Owner and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work, or agreed portion thereof, is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

14.08 Final Payment

- A. Contractor may make application for final payment after Contractor has satisfactorily completed all Work defined in the Contract, including providing all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, annotated record documents and other documents.
- B. The final application for payment shall be accompanied (except as previously delivered) by:
 - 1. All documentation called for in the Contract Documents;
 - 2. Consent of the surety to final payment;
 - 3. Satisfactory evidence that all title issues have been resolved such that title to all Work, materials, and equipment has passed to Owner free and clear of any liens or other title defects, or will so pass upon final payment;

4. A list of all disputes that Contractor believes are unsettled; and
 5. Complete and legally effective releases or waivers (satisfactory to Owner) of all lien rights arising out of the Work, and of liens filed in connection with the Work.
- C. The Work is complete (subject to surviving obligations) when it is ready for final payment as established by the Engineer's written recommendation of final payment.

14.09 Waiver of Claims

- A. The making of final payment will not constitute a waiver by Owner of claims or rights against Contractor.
- B. The acceptance of final payment by Contractor will constitute a waiver by Contractor of all claims and rights against Owner other than those pending matters that have been duly submitted.

ARTICLE 15 - SUSPENSION OF WORK AND TERMINATION

15.01 Owner May Suspend Work

- A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 60 consecutive days by written notice to Contractor and Engineer. Such notice will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be entitled to an adjustment in the Contract Price or an extension of the Contract Times, or both, directly attributable to any such suspension.

15.02 Owner May Terminate for Cause

- A. Contractor's failure to perform the Work in accordance with the Contract Documents or other failure to comply with a material term of the Contract Documents will constitute a default by Contractor and justify termination for cause.
- B. If Contractor defaults in its obligations, then after giving Contractor and any surety ten days written notice that Owner is considering a declaration that Contractor is in default and termination of the Contract, Owner may proceed to:
 1. Declare Contractor to be in default, and give Contractor and any surety notice that the Contract is terminated; and
 2. Enforce the rights available to Owner under any applicable performance bond.
- C. Owner may not proceed with termination of the Contract under Paragraph 15.02.B if Contractor within seven days of receipt of notice of intent to terminate begins to correct its failure to perform and proceeds diligently to cure such failure.
- D. Subject to the terms and operation of any applicable performance bond, if Owner has terminated the Contract for cause, Owner may exclude Contractor from the Site, take possession of the Work, incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere, and complete the Work as Owner may deem expedient.
- E. In the case of a termination for cause, if the cost to complete the Work, including related claims, costs, losses, and damages, exceeds the unpaid contract balance, Contractor shall pay the difference to Owner.

15.03 Owner May Terminate for Convenience

- A. Upon seven days written notice to Contractor, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for, without duplication of any items:
 - 1. Completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
 - 2. Expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses; and
 - 3. Other reasonable expenses directly attributable to termination, including costs incurred to prepare a termination for convenience cost proposal.
- B. Contractor shall not be paid on account of loss of anticipated overhead, profits, or revenue, or other economic loss arising out of or resulting from such termination.

15.04 Contractor May Stop Work or Terminate

- A. If, through no act or fault of Contractor, (1) the Work is suspended for more than 90 consecutive days by Owner or under an order of court or other public authority, or (2) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon seven days written notice to Owner, and provided Owner does not remedy such suspension or failure within that time, either stop the Work until payment is received, or terminate the Contract and recover payment from the Owner.

ARTICLE 16 - CONTRACTOR'S REPRESENTATIONS

16.01 Contractor Representations

- A. Contractor makes the following representations when entering into this Contract:
 - 1. Contractor has examined and carefully studied the Contract Documents, and any data and reference items identified in the Contract Documents.
 - 2. Contractor has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, 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.
 - 3. Contractor is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
 - 4. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Site-related reports and drawings identified in the Contract Documents, with respect to the effect of such information, observations, and documents on:
 - a. The cost, progress, and performance of the Work;
 - b. The means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and
 - c. Contractor's safety precautions and programs.

5. Based on the information and observations referred to in the preceding paragraph, Contractor 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.
6. Contractor 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 Contract Documents.
7. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
8. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
9. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that, without exception, all prices in the Contract are premised upon performing and furnishing the Work required by the Contract Documents.

ARTICLE 17 - MISCELLANEOUS

17.01 Cumulative Remedies

- A. The duties and obligations imposed by this Contract and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract. The provisions of this paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

17.02 Limitation of Damages

- A. Neither Owner, Engineer, nor any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, shall be liable to Contractor for any claims, costs, losses, or damages sustained by Contractor on or in connection with any other project or anticipated project.

17.03 No Waiver

- A. A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Contract.

17.04 Survival of Obligations

- A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract, as well as all continuing obligations indicated in the Contract, will survive final payment, completion, and acceptance of the Work or termination or completion of the Contract or termination of the services of Contractor.

17.05 Contractor's Certifications

- A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract.

17.06 Controlling Law

- A. This Contract is to be governed by the law of the state in which the Project is located.

Last Chance First West Diversion Structure

IN WITNESS WHEREOF, Owner and Contractor have signed this Contract.

This Contract will be effective on _____ (which is the Effective Date of the Contract).

OWNER:

CONTRACTOR:

Last Chance Canal Company

By: _____

By: _____

Title: _____

Title: _____

Attest: _____

Attest: _____

Title: _____

Title: _____

Address for giving notices:

Address for giving notices:

Last Chance Canal Company

P.O. Box 93

Grace, Idaho 83241

License No.: _____
(where applicable)

(If Owner is a corporation, attach evidence of authority to sign. If Owner is a public body, attach evidence of authority to sign and resolution or other documents authorizing execution of this Contract.)

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

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ARTICLE 1 - CONTRACT PRICE**1.01 Payment**

- A. Owner shall pay Contractor in accordance with the Contract Documents at the following unit prices for each unit of Work completed. Payment will be made in an amount equal to the total of all extended prices for actual Work completed. The extended price is determined by multiplying the unit price times the actual quantity of that Work item completed. Actual quantities installed will be determined by the Engineer.

Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Bid Price
1	Mobilization and Permitting	1	LS		
2	Construction Surveying and Quality Control	1	LS		
3	Traffic control	1	LS		
4	Site Demolition and Preparation (Within ITD Right of Way)	1	LS		
5	Site Demolition and Preparation (Outside of ITD Right of Way)	1	LS		
6	Furnish and Install Concrete Diversion Headgate Headwall (In ITD Right of Way)	11	CY		
7	Furnish and Install Concrete Diversion Headgate Headwall	4	CY		
8	Furnish and Install Concrete Outlet Structure	14	CY		
9	Furnish and Install 48" HP SaniTite Triple Wall or Equivalent Pipeline	80	LF		
10	Furnish and Install 48" HP Storm Dual Wall or Equivalent Pipeline	640	LF		
11	Rock Excavation (Within ITD Right of Way)	60	LF		
12	Rock Excavation (Outside of ITD Right of Way)	140	LF		
13	Furnish and Install 8" Air Vent	1	EA		
14	Furnish and Install 48" Fresno Series 6600 Model 101C or Equivalent Slide Gate	1	EA		
15	Channel Grading and Grouted Rock Wall	1	LS		
16	Sidewalk Replacement	2,225	SF		
17	ADA Corner Curb Ramp Type 1	2	EA		
18	ADA Corner Curb Ramp Type 1 (ITD Right of Way)	1	EA		
19	ADA Corner Curb Ramp Type 2	1	EA		

Last Chance First West Diversion Structure

Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Bid Price
20	Curb and Gutter Replacement	525	LF		
21	Gutter Replacement	85	LF		
22	Asphalt Repair (Within ITD Right of Way)	115	SY		
23	Asphalt Repair (Outside ITD Right of Way)	925	SY		
24	Site Restoration	1	LS		
Bid Total with Bid Item 4:					\$

Last Chance First West Diversion Structure

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:

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

1.02 Measurement and Payment

A. Mobilization and Permitting – Bid Item 1

1. Measurement shall be made on a LUMP SUM BASIS as follows:

Percent of Original Contract Amount Earned	Percent of Amount Bid for Bid Item 1 to be Paid
10	40
40	20
60	30
100	10

2. Payment shall cover the cost of all labor, equipment, materials, and incidentals required to mobilize to and demobilize from the project site, procurement of required bonds and insurance, coordination with Owner and Engineer, procurement of applicable permits, field offices (optional), construction facilities and temporary utilities, any acquisition of equipment, supplies, and incidentals necessary for starting and carrying out the Work. Incidentals for starting and carrying out the Work include but not limited to salaries of on-Site staff, transportation, per diem, preparing construction schedule, submittals, permits, fees, insurances, bonds, safety training, office support, and all other work not included or paid for as subsidiary work or directly under Bid Items.
3. Required permits to be obtained by the Contractor include, but are not limited to:
- Idaho Pollutant Discharge Elimination System (IPDES) storm water construction permit coverage, including preparation, submittal, implementation, maintenance, and closeout of the Storm Water Pollution Prevention Plan (SWPPP), and filing of the State of Idaho Notice of Intent (NOI) and any required notices, certifications, inspections, records, and termination documentation.
 - Idaho Transportation Department Permits.
 - Caribou County Permits.
4. This item includes all costs associated with obtaining, maintaining, complying with, and closing out applicable permits and permit conditions, including Idaho Pollutant Discharge Elimination System (IPDES) requirements and implementation of the Storm Water Pollution Prevention Plan (SWPPP), including Best Management Practices, inspections, documentation, corrective actions, updates, and related coordination
5. The first mobilization payment will be approved after the following items of work are received and/or completed:
- Product submittals.
 - Approved detailed construction schedule.
 - Transportation of equipment to the Site required for the first month's operation.

- d. Required permits, bonds, and insurance certificates are obtained, including IPDES permit coverage and an approved or accepted SWPPP, as applicable.
- e. Contractor's superintendent is on Site and Work has begun.
- f. Photos and/or video of work sites and access routes before construction have been taken and provided to the Engineer.

B. Construction Survey and Quality Control – Bid Item 2

- 1. Measurement shall be made on a LUMP SUM BASIS. Payment must be:
 - a. Paid as percent complete of entire project;
 - b. 10% at final pay estimate.
- 2. The lump sum price to be paid for this item must be considered compensation in full for all labor, materials, and equipment necessary to provide surveying for project by a Licensed Surveyor to include survey control verification, and construction staking.
- 3. Bid item shall cover the cost of providing Construction Testing and Quality Control. Soils and lab testing shall be done by an independent third-party testing company. This item will be considered full compensation for all labor, materials, and equipment necessary to verify and ensure the quality of the installed project and project materials, and shall include, but is not limited to, providing Proctors, testing and gradations of materials, compaction testing of backfill materials, compaction testing of imported fill materials, and concrete testing. The Contractor shall be responsible for all testing of imported materials. Payment includes all costs related to determining Proctor, gradation, and related lab testing. If it is determined that soil materials change, additional testing shall be required.
- 4. Bid price includes all labor, products, tools, equipment, transportation, services, and incidentals associated with establishing and providing survey and support for utility providers as needed for maintenance, relocation, new installation, etc. as part of this project.

C. Traffic Control – Bid Item 3

- 1. Measurement shall be made on a LUMP SUM BASIS.

Percent of Original Contract Amount Earned	Percent of Amount Bid for Bid Item 1 to be Paid
10	40
40	20
60	30
100	10

- 2. Payment shall cover the cost of furnishing, installing, maintaining, relocating, and removing all temporary traffic control devices and measures required to safely complete the Work in accordance with the Contract Documents, applicable agency requirements, approved traffic control plans, and permit conditions.

3. Traffic control includes, but is not limited to, preparation and implementation of traffic control plans; coordination with the Owner, Engineer, roadway jurisdiction, emergency services, adjacent property owners, and affected utilities; temporary signs; cones; barricades; channelizing devices; warning lights; flagging; temporary pedestrian access; driveway access coordination; protection of the traveling public; and maintenance of safe access through or around the Work area.
 4. Payment also includes monitoring, inspection, adjustment, replacement, repair, and maintenance of traffic control devices for the duration of the Work, including changes required to accommodate construction phasing, site conditions, agency direction, weather, or public safety needs.
 5. No separate measurement or payment will be made for individual signs, devices, flaggers, traffic control plan revisions, agency coordination, or temporary access measures required for traffic control, unless specifically identified as a separate bid item. Payment shall be full compensation for all labor, equipment, materials, transportation, supervision, and incidentals necessary to provide traffic control throughout the Project.
- D. Site Demolition and Preparation (Within ITD Right of Way) – Bid Item 4
1. Measurement shall be made on a LUMP SUM BASIS.
 2. Payment shall cover the cost of all labor, equipment, materials, transportation, disposal, coordination, and incidentals required to complete site demolition and preparation within the Idaho Transportation Department (ITD) right of way in accordance with the Contract Documents, ITD requirements, applicable permits, and approved traffic control and work plans.
 3. Work includes, but is not limited to, removal and disposal of existing surface improvements, vegetation, debris, unsuitable materials, abandoned facilities, miscellaneous obstructions, and other items necessary to prepare the ITD right of way for construction of the Work shown on the Drawings. The exception to abandoned facilities removal is the existing First West pipeline, which shall be paid under Bid Item 9 Furnish and Install 48” HP SaniTite Triple Wall or Equivalent Pipeline.
 4. Payment also includes sawcutting, demolition, clearing, grubbing, excavation required for removal, temporary grading, protection of existing improvements to remain, utility coordination, locating and protecting existing utilities, maintenance of drainage and access, erosion and sediment control measures associated with the work, and cleanup within the limits of the ITD right of way.
 5. The lump sum price shall be full compensation for completing site demolition and preparation within the ITD right of way. No separate measurement or payment will be made for individual removal items, hauling, disposal, coordination, temporary measures, or preparation work unless specifically identified as a separate bid item.
- E. Site Demolition and Preparation (Outside of ITD Right of Way) – Bid Item 5
1. Measurement shall be made on a LUMP SUM BASIS.
 2. Payment shall cover the cost of all labor, equipment, materials, transportation, disposal, coordination, and incidentals required to complete site demolition and preparation outside of the Idaho Transportation Department (ITD) right of way in accordance with the Contract Documents, applicable permits, and approved traffic control and work plans.
 3. Work includes, but is not limited to, removal and disposal of existing surface improvements, vegetation, debris, unsuitable materials, abandoned facilities,

miscellaneous obstructions, and other items necessary to prepare the areas outside of the ITD right of way for construction of the Work shown on the Drawings. The exception to abandoned facilities removal is the existing First West pipeline, which shall be paid under Bid Item 10 Furnish and Install 48" HP Storm Dual Wall or Equivalent Pipeline.

4. Payment also includes sawcutting, demolition, clearing, grubbing, excavation required for removal, temporary grading, protection of existing improvements to remain, utility coordination, locating and protecting existing utilities, maintenance of drainage and access, erosion and sediment control measures associated with the work, and cleanup outside the limits of the ITD right of way.
 5. The lump sum price shall be full compensation for completing site demolition and preparation outside the ITD right of way. No separate measurement or payment will be made for individual removal items, hauling, disposal, coordination, temporary measures, or preparation work unless specifically identified as a separate bid item
- F. Furnish and Install Concrete Diversion Headgate Headwall (In ITD Right of Way) – Bid Item 6
1. Measurement shall be made on a CUBIC YARD BASIS.
 2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to furnish, form, reinforce, place, finish, cure, and protect the portion of the concrete diversion headgate headwall located within the Idaho Transportation Department (ITD) right of way, as shown on the Drawings and in accordance with the Contract Documents, ITD requirements, and applicable permits.
 3. Measurement for payment shall be based on the actual volume, in cubic yards, of concrete incorporated into the accepted headwall work within the ITD right of way, measured to the neat lines and dimensions shown on the Drawings or as approved by the Engineer. No separate measurement will be made for wasted concrete, over-excavation, over-pour, or concrete placed outside the approved limits.
 4. Work includes, but is not limited to, excavation and preparation required for concrete placement; forming; reinforcement steel, dowels, embeds, waterstops, anchorages, blockouts, chamfers, and appurtenances; concrete placement; consolidation; finishing; curing; cold-weather or hot-weather protection; protection of adjacent improvements; cleanup; and coordination required for work within the ITD right of way.
 5. The bid unit price per cubic yard shall be full compensation for furnishing and installing the accepted concrete headgate headwall work within the ITD right of way. No separate payment will be made for formwork, reinforcing steel, embedded items, concrete accessories, curing, protection, coordination, or related incidental work unless specifically identified as a separate bid item.
- G. Furnish and Install Concrete Diversion Headgate Headwall – Bid Item 7
1. Measurement shall be made on a CUBIC YARD BASIS.
 2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to furnish, form, reinforce, place, finish, cure, and protect the portion of the concrete diversion headgate headwall located outside the Idaho Transportation Department (ITD) right of way, as shown on the Drawings and in accordance with the Contract Documents and applicable permits.
 3. Measurement for payment shall be based on the actual volume, in cubic yards, of concrete incorporated into the accepted headgate headwall work outside the ITD right of way,

measured to the neat lines and dimensions shown on the Drawings or as approved by the Engineer. No separate measurement will be made for wasted concrete, over-excavation, over-pour, or concrete placed outside the approved limits.

4. Work includes, but is not limited to, excavation and preparation required for concrete placement; forming; reinforcement steel, dowels, embeds, waterstops, anchorages, blockouts, chamfers, and appurtenances; concrete placement; consolidation; finishing; curing; cold-weather or hot-weather protection; protection of adjacent improvements; and cleanup.
5. The bid unit price per cubic yard shall be full compensation for furnishing and installing the accepted concrete headgate headwall work outside the ITD right of way. No separate payment will be made for formwork, reinforcing steel, embedded items, concrete accessories, curing, protection, coordination, or related incidental work unless specifically identified as a separate bid item.

H. Furnish and Install Concrete Outlet Structure – Bid Item 8

1. Measurement shall be made on a CUBIC YARD BASIS.
2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to furnish, form, reinforce, place, finish, cure, and protect the concrete outlet headwall, as shown on the Drawings and in accordance with the Contract Documents and applicable permits.
3. Measurement for payment shall be based on the actual volume, in cubic yards, of concrete incorporated into the accepted outlet headwall work, measured to the neat lines and dimensions shown on the Drawings or as approved by the Engineer. No separate measurement will be made for wasted concrete, over-excavation, over-pour, or concrete placed outside the approved limits.
4. Work includes, but is not limited to, excavation and preparation required for concrete placement; forming; reinforcement steel, dowels, embeds, waterstops, anchorages, blockouts, chamfers, and appurtenances; concrete placement; consolidation; finishing; curing; cold-weather or hot-weather protection; protection of adjacent improvements; and cleanup.
5. The bid unit price per cubic yard shall be full compensation for furnishing and installing the accepted concrete outlet headwall work. No separate payment will be made for formwork, reinforcing steel, embedded items, concrete accessories, curing, protection, coordination, or related incidental work unless specifically identified as a separate bid item.

I. Furnish and Install 48" HP SaniTite Triple Wall or Equivalent Pipeline – Bid Item 9

1. Measurement shall be made on a LINAR FOOT BASIS.
2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to remove and dispose of the existing pipeline and furnish and install watertight 48-inch HP SaniTite Triple Wall pipe or equivalent, as shown on the Drawings and in accordance with the Contract Documents, manufacturer's recommendations, ITD requirements, and applicable permits.
3. Measurement for payment shall be based on the actual length, in linear feet, of accepted pipe installed, measured along the centerline of pipe from end to end of pipe placed within the limits shown on the Drawings or as approved by the Engineer. No separate

measurement will be made for pipe overlap at watertight joints, rejected pipe, or pipe removed and replaced due to Contractor operations.

4. Work includes, but is not limited to, removal, hauling, and disposal of existing pipeline or culvert; furnishing pipe, gaskets, couplers, joint materials, fittings, connection hardware, pipe bedding, placement, jointing, alignment, grade control, cutting as required, handling, storage, protection, temporary support, coordination required for work within the ITD right of way, and cleanup.
 5. Payment also includes excavation, trench preparation, removal and disposal of existing pipeline, bedding, haunching, initial backfill, compaction, protection of existing utilities and improvements, and coordination with ITD and other affected agencies to the extent such work is required for installation of the pipe within the ITD right of way and is not specifically identified as a separate bid item.
 6. The bid unit price per linear foot shall be full compensation for removing and disposing of the existing pipeline or culvert and furnishing and installing the accepted 48-inch HP SaniTite Triple Wall or equivalent pipe within the ITD right of way. No separate payment will be made for existing pipeline or culvert removal, hauling, disposal, gaskets, jointing materials, fittings, pipe handling, bedding, trench preparation, alignment, grade control, cutting, protection, coordination, or related incidental work unless specifically identified as a separate bid item.
- J. Furnish and Install 48" HP Storm Dual Wall or Equivalent Pipeline – Bid Item 10
1. Measurement shall be made on a LINAR FOOT BASIS.
 2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to remove and dispose of the existing pipeline and furnish and install watertight 48-inch HP Storm Dual Wall pipe or equivalent, as shown on the Drawings and in accordance with the Contract Documents, manufacturer's recommendations, and applicable permits.
 3. Measurement for payment shall be based on the actual length, in linear feet, of accepted pipe installed, measured along the centerline of pipe from end to end of pipe placed within the limits shown on the Drawings or as approved by the Engineer. No separate measurement will be made for pipe overlap at watertight joints, rejected pipe, or pipe removed and replaced due to Contractor operations.
 4. Work includes, but is not limited to, removal, hauling, and disposal of existing pipeline or culvert; furnishing pipe, gaskets, couplers, joint materials, fittings, connection hardware, pipe bedding, placement, jointing, alignment, grade control, cutting as required, handling, storage, protection, temporary support, and cleanup.
 5. Payment also includes excavation, trench preparation, removal and disposal of existing pipeline or culvert, bedding, haunching, initial backfill, compaction, protection of existing utilities and improvements, and coordination with affected property owners, utility owners, and other agencies to the extent such work is required for installation of the pipe and is not specifically identified as a separate bid item.
 6. The bid unit price per linear foot shall be full compensation for removing and disposing of the existing pipeline or culvert, furnishing and installing the accepted 48-inch HP Storm Dual Wall or equivalent pipe. No separate payment will be made for existing pipeline removal, hauling, disposal, gaskets, jointing materials, fittings, pipe handling, bedding, trench preparation, alignment, grade control, cutting, protection, coordination, or related incidental work unless specifically identified as a separate bid item.

K. Rock Excavation (Within ITD Right of Way) – Bid Item 11

1. Measurement shall be made on a LINEAR FOOT BASIS.
2. Payment shall cover the cost of all labor, equipment, tools, transportation, handling, coordination, and incidentals required to excavate and remove rock within the Idaho Transportation Department (ITD) right of way where rock is encountered below the limits of ordinary trench excavation and must be removed to achieve the required pipe bedding elevation, trench depth, structure foundation elevation, or other finished grades shown on the Drawings.
3. Measurement for payment shall be based on the actual length, in linear feet, of accepted rock excavation within the ITD right of way, measured along the centerline of the new pipeline alignment within the neat lines and limits approved by the Engineer. Measurement shall include only rock excavation that requires specialty rock excavation equipment, such as hydraulic breakers, hoe rams, rock saws, milling equipment, or other approved rock removal equipment, to reach the required depth or grade. No separate measurement will be made for ordinary earth excavation, trenching, over-excavation, sloughing, loosening, ripping, or material removed outside the approved limits.
4. Rock excavation is intended to separate the cost of ordinary trench excavation associated with pipe installation from the additional effort required to excavate competent rock or cemented material that cannot be removed using standard trenching equipment and requires specialty equipment to reach the required design elevation. Ordinary trenching, excavation for pipe installation, trench preparation, bedding, haunching, backfill, and compaction remain included in the applicable pipe installation bid items and will not be paid under this bid item.
5. Rock excavation depths are not anticipated to exceed 2 feet below the existing pipeline invert. Contractor shall notify the Engineer before excavating rock to depths greater than 2 feet so the Engineer can verify the condition and provide direction before the additional excavation proceeds.
6. Work includes, but is not limited to, exposing rock, furnishing and operating specialty rock excavation equipment, breaking, cutting, loosening, removing, loading, hauling, and disposing of excavated rock; maintaining safe trench conditions; protecting existing utilities, improvements, and adjacent facilities; coordinating work within the ITD right of way; and cleanup.
7. The bid unit price per linear foot shall be full compensation for accepted rock excavation within the ITD right of way. No separate payment will be made for mobilization of specialty rock excavation equipment, equipment standby, rock breaking, cutting, ripping, loading, hauling, disposal, temporary measures, protection, coordination, cleanup, or related incidental work unless specifically identified as a separate bid item.

L. Rock Excavation (Outside of ITD Right of Way) – Bid Item 12

1. Measurement shall be made on a LINEAR FOOT BASIS.
2. Payment shall cover the cost of all labor, equipment, tools, transportation, handling, coordination, and incidentals required to excavate and remove rock outside the Idaho Transportation Department (ITD) right of way where rock is encountered below the limits of ordinary trench excavation and must be removed to achieve the required pipe bedding elevation, trench depth, structure foundation elevation, or other finished grades shown on the Drawings.

3. Measurement for payment shall be based on the actual length, in linear feet, of accepted rock excavation outside the ITD right of way, measured along the centerline of the new pipeline alignment within the neat lines and limits approved by the Engineer. Measurement shall include only rock excavation that requires specialty rock excavation equipment, such as hydraulic breakers, hoe rams, rock saws, milling equipment, or other approved rock removal equipment, to reach the required depth or grade. No separate measurement will be made for ordinary earth excavation, trenching, over-excavation, sloughing, loosening, ripping, or material removed outside the approved limits.
 4. Rock excavation is intended to separate the cost of ordinary trench excavation associated with pipe installation from the additional effort required to excavate competent rock or cemented material that cannot be removed using standard trenching equipment and requires specialty equipment to reach the required design elevation. Ordinary trenching, excavation for pipe installation, trench preparation, bedding, haunching, backfill, and compaction remain included in the applicable pipe installation bid items and will not be paid under this bid item.
 5. Rock excavation depths are not anticipated to exceed 2 feet below the existing pipeline invert. Contractor shall notify the Engineer before excavating rock to depths greater than 2 feet so the Engineer can verify the condition and provide direction before the additional excavation proceeds.
 6. Work includes, but is not limited to, exposing rock, furnishing and operating specialty rock excavation equipment, breaking, cutting, loosening, removing, loading, hauling, and disposing of excavated rock; maintaining safe trench conditions; protecting existing utilities, improvements, and adjacent facilities; coordinating with affected property owners, utility owners, and agencies; and cleanup.
 7. The bid unit price per linear foot shall be full compensation for accepted rock excavation outside the ITD right of way. No separate payment will be made for mobilization of specialty rock excavation equipment, equipment standby, rock breaking, cutting, ripping, loading, hauling, disposal, temporary measures, protection, coordination, cleanup, or related incidental work unless specifically identified as a separate bid item.
- M. Furnish and Install 8" Air Vent – Bid Item 13
1. Measurement shall be made on an EACH BASIS.
 2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to furnish and install one complete 8-inch galvanized steel gooseneck air vent assembly, including the pipeline saddle connection, as shown on the Drawings and in accordance with the Contract Documents and applicable permits.
 3. Measurement for payment shall be based on each complete 8-inch air vent assembly installed, tested, and accepted. No separate measurement will be made for the saddle, fittings, pipe, supports, fasteners, coatings, excavation, backfill, or other components required to provide a complete and functional air vent installation.
 4. Work includes, but is not limited to, furnishing the galvanized steel gooseneck vent piping, pipeline saddle, connection hardware, bolts, gaskets, fittings, vent screen or cover, supports, pipe penetrations, galvanized coating or other required corrosion protection, cutting and preparation of the pipe connection, installation, alignment, testing, protection of adjacent improvements, and cleanup.

5. The bid unit price per each shall be full compensation for furnishing and installing the accepted 8-inch galvanized steel gooseneck air vent assembly, including the pipeline saddle connection. No separate payment will be made for connection materials, fittings, galvanized coating or other required corrosion protection, supports, cutting, testing, protection, coordination, or related incidental work unless specifically identified as a separate bid item.
- N. Furnish and Install 48-inch Fresno Series 6600 Model 101C or Equivalent Slide Gate – Bid Item 14
1. Measurement shall be made on an EACH BASIS.
 2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to furnish and install one complete 48-inch Fresno Series 6600 Model 101C or equivalent flat back slide gate that must have a water-tight seal independent of water surface elevation, as shown on the Drawings and in accordance with the Contract Documents, manufacturer's recommendations, and applicable permits.
 3. The 48-inch slide gate mounting bolt pattern around the pipe must provide the minimum clearance identified by the gate manufacturer beyond the outside diameter of the 48-inch HP SaniTite Triple Wall or equivalent pipe, as required for proper installation, sealing, operation, and long-term performance.
 4. Measurement for payment shall be based on each complete slide gate assembly furnished, installed, adjusted, tested, and accepted. No separate measurement will be made for frames, guides, stems, operators, mounting hardware, anchor bolts, gaskets, seals, grout, coatings, adjustments, testing, or other components required to provide a complete and functional slide gate installation.
 5. Work includes, but is not limited to, furnishing the slide gate, frame, guides, gate leaf, stem, operator, stem guides, mounting brackets, anchor bolts, gaskets, seals, grout, hardware, coatings or corrosion protection, shop drawings and product submittals, connection to the concrete headwall and pipe opening, field adjustment, testing, protection of adjacent improvements, and cleanup.
 6. The bid unit price per each shall be full compensation for furnishing and installing the accepted slide gate assembly. No separate payment will be made for mounting hardware, anchor bolts, seals, grout, coatings, operators, adjustment, testing, coordination, or related incidental work unless specifically identified as a separate bid item.
- O. Channel Grading and Grouted Rock Wall – Bid Item 15
1. Measurement shall be made on a LUMP SUM BASIS.
 2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to complete final grading of the canal channel near the new headwall structures, to construct the grouted rock wall connecting the existing rock wall to the outlet concrete wall, and placement of stockpiled riprap as shown on the Drawings and in accordance with the Contract Documents and applicable permits.
 3. Measurement for payment shall be made on a lump sum basis for the completed and accepted channel grading and grouted rock wall work. No separate measurement will be made for excavation, trimming, shaping, rock, grout, bedding, foundation preparation, tie-ins, placement, finishing, cleanup, or other components required to provide the finished work.

4. Work includes, but is not limited to, grading, shaping, trimming, and compacting the canal channel and slopes near the headgate and outlet headwall structures; removing loose or unsuitable materials; preparing foundations and tie-in areas; furnishing and placing rock; furnishing, placing, and finishing grout; connecting the new grouted rock wall to the existing rock wall and outlet concrete wall; maintaining drainage and flow paths; protecting adjacent structures and improvements; and cleanup.
5. The lump sum price shall be full compensation for completing the accepted channel grading and grouted rock wall work. No separate payment will be made for excavation, grading adjustments, rock, grout, bedding, foundation preparation, wall tie-ins, temporary measures, protection, coordination, or related incidental work unless specifically identified as a separate bid item.

P. Sidewalk Replacement – Bid Item 16

1. Measurement shall be made on a SQUARE FOOT BASIS.
2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to replace sidewalk in the locations shown on the Drawings or as directed by the Engineer, in accordance with the Contract Documents and applicable agency requirements.
3. Measurement for payment shall be based on the actual area, in square feet, of accepted sidewalk replacement installed within the approved limits, measured to the hinge point where the existing sidewalk cross-slope transitions to the running slope of the ADA curb ramp and measured to the neat lines and dimensions shown on the Drawings or as approved by the Engineer. Removal and disposal of the existing sidewalk, including associated demolition and disposal required to prepare the area for replacement, shall be paid under Bid Item 5, Site Demolition and Preparation (Outside of ITD Right of Way), and will not be measured or paid for under this bid item. No separate measurement will be made for sidewalk removed and replaced outside approved limits, overbreak, waste, or replacement required due to Contractor operations.
4. Work includes, but is not limited to, excavation, subgrade preparation, furnishing and placing aggregate base, forming, furnishing and placing concrete, finishing, curing, contraction and expansion joints, dowels or tie-ins where required, restoration of adjacent disturbed areas, cold-weather or hot-weather protection, protection of existing improvements and utilities, pedestrian access control, and cleanup.
5. The bid unit price per square foot shall be full compensation for completing the accepted sidewalk replacement. No separate payment will be made for excavation, aggregate base, forming, concrete, finishing, curing, joints, tie-ins, cold-weather or hot-weather protection, coordination, pedestrian control, or related incidental work unless specifically identified as a separate bid item.
6. Sidewalk replacement and ADA curb ramp replacement are mutually exclusive; no area shall be paid for under both items.

Q. ADA Corner Curb Ramp Type 1 – Bid Item 17

1. Measurement shall be made on an EACH BASIS.
2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to replace the ADA corner curb ramp using ADA Corner Curb Ramp Type 1, as shown on the Drawings and in accordance with the Contract Documents, applicable ADA requirements, and applicable agency standards.

3. Measurement for payment shall be based on each complete ADA Corner Curb Ramp Type 1 installed, finished, inspected, and accepted. The limits of the curb ramp shall be measured from the hinge point at the top of the ramp running slope to the flow line of the gutter, including all ramp surfaces, transition slopes, landings, detectable warning surfaces, and curb returns. Removal and disposal of the existing curb ramp, including associated demolition and disposal required to prepare the area for replacement, shall be paid under Bid Item 5, Site Demolition and Preparation (Outside of ITD Right of Way), and will not be measured or paid for under this bid item.
 4. Work includes, but is not limited to, subgrade preparation, furnishing and placing aggregate base, forming, furnishing and placing concrete, finishing, curing, detectable warning surface installation, joints, dowels or tie-ins where required, transitions to adjacent sidewalk, curb, gutter, pavement, and pedestrian routes, protection of existing improvements and utilities, pedestrian access control, and cleanup.
 5. The bid unit price per each shall be full compensation for completing the accepted ADA Corner Curb Ramp Type 1 replacement. No separate payment will be made under this bid item for aggregate base, forming, concrete, finishing, curing, detectable warning surfaces, joints, tie-ins, transitions, cold-weather or hot-weather protection, coordination, pedestrian control, or related incidental work unless specifically identified as a separate bid item.
 6. ADA curb ramp replacement, sidewalk replacement, and curb and gutter replacement are mutually exclusive; no area shall be paid for under multiple items.
- R. ADA Corner Curb Ramp Type 1 (ITD Right of Way) – Bid Item 18
1. Measurement shall be made on an EACH BASIS.
 2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to replace the ADA corner curb ramp using ADA Corner Curb Ramp Type 1 at the southwest corner of the intersection of Highway 34 and 4th South, as shown on the Drawings and in accordance with the Contract Documents, applicable ADA requirements, and applicable agency standards.
 3. Measurement for payment shall be based on each complete ADA Corner Curb Ramp Type 1 installed, finished, inspected, and accepted. The limits of the curb ramp shall be measured from the hinge point at the top of the ramp running slope to the flow line of the gutter, including all ramp surfaces, transition slopes, landings, detectable warning surfaces, and curb returns. Removal and disposal of the existing curb ramp, including associated demolition and disposal required to prepare the area for replacement, shall be paid under Bid Item 4, Site Demolition and Preparation (Within ITD Right of Way) and Bid Item 5, Site Demolition and Preparation (Outside of ITD Right of Way), and will not be measured or paid for under this bid item.
 4. Work includes, but is not limited to, subgrade preparation, furnishing and placing aggregate base, forming, furnishing and placing concrete, finishing, curing, detectable warning surface installation, joints, dowels or tie-ins where required, transitions to adjacent sidewalk, curb, gutter, pavement, and pedestrian routes, protection of existing improvements and utilities, pedestrian access control, and cleanup.
 5. The bid unit price per each shall be full compensation for completing the accepted ADA Corner Curb Ramp Type 1 replacement. No separate payment will be made under this bid item for aggregate base, forming, concrete, finishing, curing, detectable warning surfaces, joints, tie-ins, transitions, cold-weather or hot-weather protection, coordination,

pedestrian control, or related incidental work unless specifically identified as a separate bid item.

6. ADA curb ramp replacement, sidewalk replacement, and curb and gutter replacement are mutually exclusive; no area shall be paid for under multiple items.

S. ADA Corner Curb Ramp Type 2 – Bid Item 19

1. Measurement shall be made on an EACH BASIS.
2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to replace the ADA corner curb ramp using ADA Corner Curb Ramp Type 2, as shown on the Drawings and in accordance with the Contract Documents, applicable ADA requirements, and applicable agency standards.
3. Measurement for payment shall be based on each complete ADA Corner Curb Ramp Type 2 installed, finished, inspected, and accepted. The limits of the curb ramp shall be measured from the hinge point at the top of the ramp running slope to the flow line of the gutter, including all ramp surfaces, transition slopes, landings, detectable warning surfaces, and curb returns. Removal and disposal of the existing curb ramp, including associated demolition and disposal required to prepare the area for replacement, shall be paid under Bid Item 5, Site Demolition and Preparation (Outside of ITD Right of Way), and will not be measured or paid for under this bid item.
4. Work includes, but is not limited to, subgrade preparation, furnishing and placing aggregate base, forming, furnishing and placing concrete, finishing, curing, detectable warning surface installation, joints, dowels or tie-ins where required, transitions to adjacent sidewalk, curb, gutter, pavement, and pedestrian routes, protection of existing improvements and utilities, pedestrian access control, and cleanup.
5. The bid unit price per each shall be full compensation for completing the accepted ADA Corner Curb Ramp Type 2 replacement. No separate payment will be made under this bid item for aggregate base, forming, concrete, finishing, curing, detectable warning surfaces, joints, tie-ins, transitions, cold-weather or hot-weather protection, coordination, pedestrian control, or related incidental work unless specifically identified as a separate bid item.
6. ADA curb ramp replacement, sidewalk replacement, and curb and gutter replacement are mutually exclusive; no area shall be paid for under multiple items.

T. Curb and Gutter Replacement – Bid Item 20

1. Measurement shall be made on a LINEAR FOOT BASIS.
2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to replace curb and gutter in the locations shown on the Drawings or as directed by the Engineer, in accordance with the Contract Documents and applicable agency requirements.
3. Measurement for payment shall be based on the actual length, in linear feet, of accepted curb and gutter replacement installed within the approved limits, measured to the hinge point where the existing sidewalk cross-slope transitions to the running slope of the ADA curb ramp and measured to the neat lines and dimensions shown on the Drawings or as approved by the Engineer. Removal and disposal of the existing curb and gutter, including associated demolition and disposal required to prepare the area for replacement, shall be paid under Bid Item 5, Site Demolition and Preparation (Outside of ITD Right of Way), and will not be measured or paid for under this bid item. No

separate measurement will be made for curb and gutter removed and replaced outside approved limits, overbreak, waste, or replacement required due to Contractor operations.

4. Work includes, but is not limited to, excavation, subgrade preparation, furnishing and placing aggregate base, forming, furnishing and placing concrete, finishing, curing, contraction and expansion joints, dowels or tie-ins where required, restoration of adjacent disturbed areas, protection of existing improvements and utilities, pedestrian access control, and cleanup.
5. The bid unit price per linear foot shall be full compensation for completing the accepted curb and gutter replacement. No separate payment will be made for excavation, aggregate base, forming, concrete, finishing, curing, joints, tie-ins, cold-weather or hot-weather protection, coordination, pedestrian control, or related incidental work unless specifically identified as a separate bid item.
6. Curb and gutter replacement and ADA curb ramp replacement are mutually exclusive; no area shall be paid for under both items.

U. Gutter Replacement – Bid Item 21

1. Measurement shall be made on a LINAR FOOT BASIS.
2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to replace gutter in the locations shown on the Drawings or as directed by the Engineer, in accordance with the Contract Documents and applicable agency requirements.
3. Measurement for payment shall be based on the actual length, in linear feet, of accepted gutter replacement installed within the approved limits, measured to the outer edge of the curb and gutter perpendicular to the gutter flow line and measured to the neat lines and dimensions shown on the Drawings or as approved by the Engineer. Removal and disposal of the existing gutter, including associated demolition and disposal required to prepare the area for replacement, shall be paid under Bid Item 5, Site Demolition and Preparation (Outside of ITD Right of Way), and will not be measured or paid for under this bid item. No separate measurement will be made for gutter removed and replaced outside approved limits, overbreak, waste, or replacement required due to Contractor operations.
4. Work includes, but is not limited to, excavation, subgrade preparation, furnishing and placing aggregate base, forming, furnishing and placing concrete, finishing, curing, contraction and expansion joints, dowels or tie-ins where required, restoration of adjacent disturbed areas, protection of existing improvements and utilities, pedestrian access control, and cleanup.
5. The bid unit price per linear foot shall be full compensation for completing the accepted gutter replacement. No separate payment will be made for excavation, aggregate base, forming, concrete, finishing, curing, joints, tie-ins, cold-weather or hot-weather protection, coordination, pedestrian control, or related incidental work unless specifically identified as a separate bid item.
6. Gutter replacement and ADA curb ramp replacement are mutually exclusive; no area shall be paid for under both items.

V. Asphalt Repair (Within ITD Right of Way) – Bid Item 22

1. Measurement shall be made on a SQUARE YARD BASIS.

2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to repair asphalt pavement within the Idaho Transportation Department (ITD) right of way in the locations shown on the Drawings or as directed by the Engineer, in accordance with the Contract Documents, ITD requirements, and applicable permits.
 3. Measurement for payment shall be based on the actual area, in square yards, of accepted asphalt repair installed within the approved limits, measured to the neat lines and dimensions shown on the Drawings or as approved by the Engineer. Contractor responsible for protection of pavement beyond limits of disturbance required for installation of structures and piping. Pavement requiring replacement beyond the neat line limits identified in the drawings will be the contractor's responsibility. Removal and disposal of existing asphalt pavement, including associated demolition and disposal required to prepare the area for repair, shall be paid under Bid Item 4, Site Demolition and Preparation (Within ITD Right of Way), and will not be measured or paid for under this bid item.
 4. Work includes, but is not limited to, subgrade preparation, furnishing and placing aggregate base, tack coat, asphalt paving materials, placement, compaction, matching existing pavement grades and cross slopes, sawcut edge preparation as required for the repair, protection of adjacent improvements and utilities, traffic control coordination, restoration of disturbed adjacent areas, and cleanup.
 5. The bid unit price per square yard shall be full compensation for completing the accepted asphalt repair within the ITD right of way. No separate payment will be made under this bid item for subgrade preparation, aggregate base, tack coat, asphalt materials, placement, compaction, grade matching, protection, coordination, traffic control coordination, restoration, cleanup, or related incidental work unless specifically identified as a separate bid item.
- W. Asphalt Repair (Outside ITD Right of Way) – Bid Item 23
1. Measurement shall be made on a SQUARE YARD BASIS.
 2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to repair asphalt pavement outside the Idaho Transportation Department (ITD) right of way in the locations shown on the Drawings or as directed by the Engineer, in accordance with the Contract Documents, Grace City requirements, and applicable permits.
 3. Measurement for payment shall be based on the actual area, in square yards, of accepted asphalt repair installed within the approved limits, measured to the neat lines and dimensions shown on the Drawings or as approved by the Engineer. Contractor responsible for protection of pavement beyond limits of disturbance required for installation of structures and piping. Pavement requiring replacement beyond the neat line limits identified in the drawings will be the contractor's responsibility. Removal and disposal of existing asphalt pavement, including associated demolition and disposal required to prepare the area for repair, shall be paid under Bid Item 5, Site Demolition and Preparation (Outside of ITD Right of Way), and will not be measured or paid for under this bid item.
 4. Work includes, but is not limited to, subgrade preparation, furnishing and placing aggregate base, tack coat, asphalt paving materials, placement, compaction, matching existing pavement grades and cross slopes, sawcut edge preparation as required for the

repair, protection of adjacent improvements and utilities, traffic control coordination, restoration of disturbed adjacent areas, and cleanup.

5. The bid unit price per square yard shall be full compensation for completing the accepted asphalt repair outside the ITD right of way. No separate payment will be made under this bid item for subgrade preparation, aggregate base, tack coat, asphalt materials, placement, compaction, grade matching, protection, coordination, traffic control coordination, restoration, cleanup, or related incidental work unless specifically identified as a separate bid item.

X. Site Restoration – Bid Item 24

1. Measurement shall be made on a LUMP SUM BASIS.
2. Payment shall cover the cost of all labor, equipment, materials, tools, transportation, coordination, and incidentals required to restore disturbed areas as directed by the Engineer, in accordance with the Contract Documents, permit requirements, and applicable agency standards.
3. Measurement for payment shall be made on a lump sum basis for the completed and accepted site restoration work. No separate measurement will be made for individual restoration areas, grading adjustments, or other components required to restore areas.
4. Work includes, but is not limited to, final cleanup, removal of temporary construction materials and debris, fine grading, surface preparation, loosening or scarifying compacted soils, furnishing and placing topsoil where required, and cleanup.
5. The lump sum price shall be full compensation for completing the accepted site restoration work. No separate payment will be made for related incidental work unless specifically identified as a separate bid item.

Y. Non-Listed Items

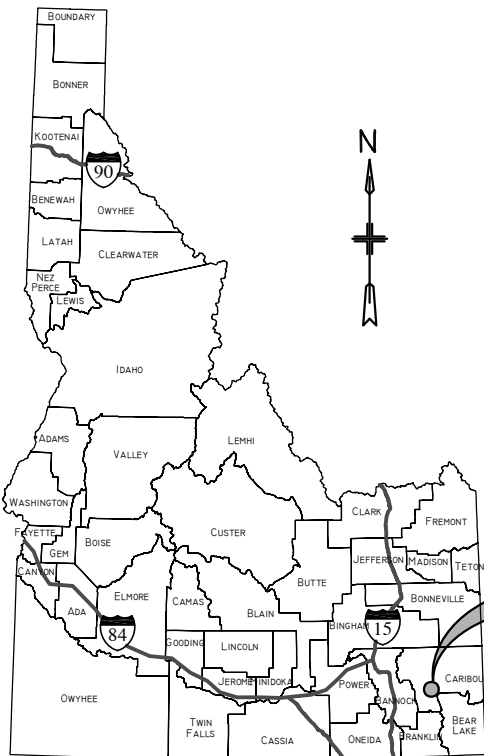
1. The preceding list has been prepared in a best effort to include all items necessary for construction of the project.
2. The list is not all-inclusive of items that may be necessary for final completion of the project. Contractor is responsible to include all construction items that may be necessary to complete the project as shown on the Plans and described in the Specifications.
3. Any items not listed above shall be included in the item most closely related.
4. Contractor shall inform Engineer of any significant construction items that may be considered necessary to complete the project, but which are not included on the Plans and described in the Specifications. Engineer will evaluate the information and provide an addendum to include the information, if deemed necessary.

Last Chance Canal Company

Bench B Improvements - First West

Drawing Package

AUGUST 2026



State of Idaho



Caribou County

Issued for
Bidding
Plot Date: 8/12/2026



FRANSON
CIVIL ENGINEERS



**FRANSON**
CIVIL ENGINEERS

1276 South 820 East, Suite 100
American Fork, UT 84003
T 801 756-0309 F 801 756-0481



DESIGNER:	BEN SANDBERG	CHECKED:	CHECKED:	PROJECT LEADER:	PROJECT LEADER:
DRAFTSMAN:	MATT GURR	REVIEWED:	REVIEWED:	PRINT DATE:	August 12, 2026
NO.	DATE	INTS.	DESCRIPTION		

LAST CHANCE CANAL COMPANY

FIRST WEST

COVER SHEET, LOCATION MAPS

JOB NO.

23037

023037 LAST CHANCE SCADA Phase II/Bench B Drawings/First West

LAYOUT: Cover

SHEET

G1 OF G4

SHEET INDEX

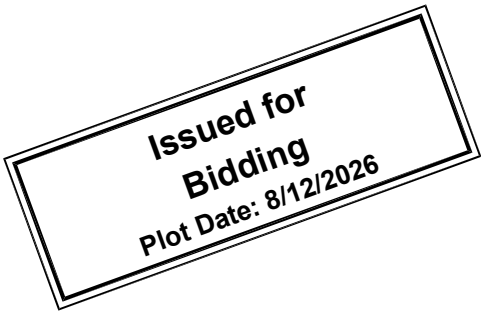
- G1 COVER SHEET, LOCATION MAPS
- G2 SHEET INDEX, LEGEND, GENERAL NOTES
- G3 SPECIFICATIONS
- G4 SURVEY CONTROL AND SITE ACCESS

- F1 DEMOLITION PLAN
- F2 NEW HEADGATE PLAN VIEW
- F3 OUTLET PLAN VIEW
- F4 PLAN AND PROFILE STA. 10+00 - 14+00
- F5 PLAN AND PROFILE STA. 14+00 - 17+61
- F6 NEW HEADGATE STRUCTURE
- F7 OUTLET STRUCTURE
- F8 TRENCH AND CONNECTION DETAILS
- F9 CURB RAMP DETAILS
- F10 CURB, GUTTER, SIDEWALK DETAILS

- D1 STRUCTURAL DETAILS 1
- D2 STRUCTURAL DETAILS 2

GENERAL NOTES:

- THE CONTRACTOR SHALL CONSTRUCT ACCORDING TO THE FOLLOWING, AS APPLICABLE, UNLESS STANDARDS HAVE BEEN WAIVED OR MODIFIED IN WRITING:
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL APPLICABLE PERMITS AND CONDUCT WORK IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.
- CONTACT "DIGLINE" 72 HOURS PRIOR TO STARTING CONSTRUCTION AND NOTIFY ENGINEER OF ANY POTENTIAL CONFLICTS NOT SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL NOTIFY ALL OWNERS OF UTILITIES INCLUDING, BUT NOT LIMITED TO, WATER, SANITARY SEWER, TELEPHONE, ELECTRICAL, NATURAL GAS, AND CABLE TELEVISION, OF PROPOSED CONSTRUCTION WITHIN THE UTILITY'S AREA OF RESPONSIBILITY. THE CONTRACTOR IS RESPONSIBLE FOR MEETING WITH AND COORDINATING HIS/HER CONSTRUCTION ACTIVITIES WITH THOSE OF THE UTILITY COMPANIES INVOLVED AND TO FIELD LOCATE ALL EXISTING UTILITIES WITHIN THE AREA OF OPERATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.
- PROVIDE DUST CONTROL DURING ALL CONSTRUCTION IN ACCORDANCE WITH LAST CHANCE CANAL COMPANY, CARIBOU COUNTY, STATE OF IDAHO REQUIREMENTS.
- PROTECT ALL EXISTING PAVEMENTS, STRUCTURES AND EXISTING UTILITIES. REPAIR OR REPLACE IF DAMAGED OR DISTURBED AT NO ADDITIONAL COST TO THE OWNER.
- PROVIDE TRAFFIC AND PEDESTRIAN CONTROL, PROTECTION FOR EXISTING TRAFFIC SIGNS, CONSTRUCTION SIGNING, WARNING SIGNS AND BARRIERS, INCLUDING CONSTRUCTION TRAFFIC ENTERING AND EXITING ROADWAYS, IN ACCORDANCE WITH IDAHO TRANSPORTATION DEPARTMENT (ITD) AND MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REGULATIONS.
- LIMIT CONSTRUCTION ACTIVITIES TO THE PROJECT BOUNDARIES UNLESS OTHERWISE PERMITTED BY THE OWNER.
- ALL CONSTRUCTION EQUIPMENT AND PERSONNEL MUST USE DESIGNATED CONSTRUCTION ACCESS POINTS AND CONSTRUCTION AREAS WHEN ENTERING/EXITING THE PROJECT SITE. THE INTENT OF THE GRADING DESIGN IS TO MINIMIZE DISTURBANCES TO EXISTING VEGETATION AND ALL EFFORTS SHALL BE MADE BY THE CONTRACTOR TO MINIMIZE SITE DISTURBANCE.
- THE TERM CONTRACTOR SHALL MEAN ALL CONTRACTORS, SUBCONTRACTORS, AND ALL FOLLOW ON CONTRACTORS. REQUIREMENTS FOR ONE SHALL APPLY TO ALL.
- CONSTRUCTION ACCESS IS FROM STATE AND CITY ROADS OR OTHER ACCESS POINTS DESIGNATED THROUGHOUT THE CONSTRUCTION PHASE OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY AND ALL DAMAGE TO STATE AND CITY ROADS THAT OCCURS OUTSIDE THE PROJECT AT NO ADDITIONAL COST TO OWNER DURING THE FULL EXTENT OF THE WORK AS REQUIRED AND DETERMINED BY THE PROJECT ENGINEER AND ASSOCIATION REPRESENTATIVE.
- ADDITIONAL NOTES ARE PLACED ON DESIGN OR DETAIL DRAWINGS AND ARE TO BE ADHERED TO IN THEIR ENTIRETY.
- CONTRACTOR TO VERIFY DIMENSIONS AND ELEVATIONS OF EXISTING STRUCTURES. IF NEW STRUCTURES DO NOT LINE UP WITH EXISTING STRUCTURES AS SHOWN IN THIS DRAWING SET, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSULT WITH THE OWNER AND THE ENGINEER.
- CONTRACTOR SHALL REMOVE THE EXISTING STRUCTURE AND PIPELINE. THIS INCLUDES THE CONCRETE WALLS, GATES, CONCRETE BOX CULVERTS, AND PIPE. ALL NOTES TO REMOVE SHALL BE UNDERSTOOD AS CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ITEM.
- CONTRACTOR SHALL TAKE PHOTOS AND VIDEO OF ALL WORK SITES BEFORE CONSTRUCTION BEGINS AND PROVIDE THEM TO THE ENGINEER.
- CONTRACTOR SHALL RESTORE ALL WORK SITES TO PRE-CONSTRUCTION CONDITIONS. ALL ACCESS ROADS ARE TO BE RESTORED TO PRE-PROJECT CONDITIONS. FENCES THAT WERE REMOVE OR DAMAGED ARE TO BE REPAIRED OR REPLACED. ANY DAMAGE OR DISTURBANCE CAUSED TO RESIDENTIAL PROPERTY OR ITEMS LOCATED ON THE PROPERTY IS TO BE REPLACED OR RESTORED TO PRE-PROJECT CONDITIONS.
- CONTRACTOR SHALL CAREFULLY REVIEW THE CONTRACT DOCUMENTS AND VERIFY DIMENSIONS, QUANTITIES, AND FIELD CONDITIONS PRIOR TO PERFORMING THE WORK. ANY CONFLICT, ERROR, AMBIGUITY, OR DISCREPANCY SHALL BE PROMPTLY SUBMITTED TO THE ENGINEER IN WRITING.
- WORK AFFECTED BY A REPORTED DISCREPANCY SHALL NOT PROCEED UNTIL THE ENGINEER PROVIDES WRITTEN CLARIFICATION OR INTERPRETATION, OR THE CONTRACT DOCUMENTS ARE MODIFIED AS REQUIRED.



Legend

VIEW/SECTION TITLE LABELS

A REFERS TO THE SECTION DESIGNATION LABEL OR VIEW/DETAIL DESIGNATION LABEL



SECTION REFERENCES

A REFERS TO THE SECTION DESIGNATION LABEL (TOP)
4 REFERS TO THE SHEET WHERE THE VIEW/SECTION IS SHOWN (BOTTOM)



VIEW/REFERENCES

A REFERS TO THE VIEW/DETAIL DESIGNATION LABEL (TOP)
7 REFERS TO THE SHEET WHERE THE DETAIL IS SHOWN (BOTTOM)



1276 South 820 East, Suite 100
American Fork, UT 84003
T 801 756-0309 F 801 756-0481



DESIGNER:	DRAFTSMAN:	BEN SANDBERG	MATT GURR	CHECKED:	REVIEWED:	PROJECT LEADER:	PROJECT LEADER:
NO.	DATE	INTS.	INTS.	NO.	DATE	NO.	DATE

LAST CHANCE CANAL COMPANY		FIRST WEST	
SHEET INDEX, LEGEND, GENERAL NOTES		Bench B.dwg 0\2\3037 LAST CHANCE SCADA Phase II\Bench B Drawings\First West	
JOB NO.	23037	LAYOUT: Notes	

CONCRETE INSTALLATION NOTES:

1. CONCRETE STRENGTH IS TO BE A MINIMUM OF 4000 PSI, NORMAL WEIGHT ¾" MAXIMUM AGGREGATE, 0.42 BY WEIGHT WATER-CEMENT RATIO, 4.5% - 7.5% AIR CONTENT. SLUMP TO MATCH SUBMITTED Mix DESIGN. MIX AND DELIVER CONCRETE IN ACCORDANCE WITH ASTM C94/C94M. PLACE CONCRETE AGAINST STRUCTURAL FILL OR UNDISTURBED SOIL, IN ACCORDANCE WITH ACI301.
2. CONTRACTOR IS REQUIRED TO PROVIDE CONCRETE TESTING.
3. ONE SLUMP AND AIR TEST IS REQUIRED PER POUR, AND 3 CONCRETE CYLINDERS ARE TO BE TESTED PER POUR, ONE AT 7 DAYS AND TWO AT 28 DAYS.
4. REINFORCING STEEL IS TO BE ASTM A615/A615M 60 KSI YIELD GRADE, DEFORMED BILLET BARS. PLACE REINFORCING STEEL IN ACCORDANCE WITH ACI 318.
5. REINFORCEMENT MUST HAVE THE FOLLOWING CONCRETE COVER:

5.1. CAST AGAINST SOIL 3 INCHES.

5.2. FORMED CONCRETE EXPOSED TO WEATHER 2 INCHES.
6. PVC WATERSTOP IS REQUIRED AT ALL CONSTRUCTION AND COLD JOINTS.
7. TOOL ALL EXPOSED CONCRETE EDGES.

SOILS NOTES:

1. CLEAR AND GRUB SITE OF ALL ORGANIC, EXPANSIVE, AND OTHER DELETERIOUS MATERIAL.
2. USE STRUCTURAL FILL TO BUILD UP SITE WHERE REQUIRED.
3. STRUCTURAL FILL SHALL BE A WELL GRADED A-I MATERIAL PER AASHTO SOIL CLASSIFICATION SYSTEM OR ASTM D3282.
4. CONTRACTOR TO PROVIDE PROCTOR FOR IMPORTED MATERIALS.
5. CONTRACTOR SHALL IMPORT AND INSTALL STRUCTURAL FILL MATERIAL FOR SITE PREPARATION OF THE NEW DIVERSION. ALL MATERIAL UNDER CONCRETE STRUCTURES SHALL BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
6. BACKFILL MATERIAL AROUND CONCRETE WALLS, REMOVED STRUCTURES, AND RESTORATION AREAS ARE TO BE COMPACTED TO 92% MODIFIED PROCTOR DENSITY.

CANAL NOTES:

1. REMOVAL AND REPLACEMENT OF CANAL BANKS WILL REQUIRE COMPACTION TO BE 90% MODIFIED PROCTOR DENSITY.
2. PROTECT MEASUREMENT FLUME FROM DAMAGE OR SHIFTING.
3. PROTECT REMAINING CHECK STRUCTURE IN BENCH B CANAL FROM DAMAGE.

EROSION CONTROL NOTES:

1. CONTROLLING SEDIMENT TRANSPORT AND PREVENTING AND/OR CORRECTING PROBLEMS ASSOCIATED WITH EROSION AND RUNOFF PROCESSES WHICH COULD OCCUR BOTH DURING AND AFTER PROJECT CONSTRUCTION WILL BE CLOSELY MONITORED. PERIODIC MAINTENANCE AND INSPECTION OF SEDIMENT CONTROL DEVICES WILL BE SCHEDULED BY CONTRACTOR. PARTICULAR ATTENTION SHALL BE GIVEN TO EXISTING DRAINAGE PATTERNS WHICH RUN THROUGH DISTURBED AREAS AND OVER EXTREME SLOPES, THESE PATTERNS WILL BE IDENTIFIED TO ISOLATE PROBLEM AREAS WHERE WATER WILL CONCENTRATE. PROVISIONS SHALL BE MADE TO CHANNEL RUNOFF AWAY FROM NEW OR EXISTING IMPROVEMENTS TO PREVENT UNDERMINING AND GENERAL SITE EROSION. THESE PROVISIONS SHALL BE STABILIZED AND SHALL REMAIN IN PLACE UNTIL THE PERMANENT STORM DRAINAGE FACILITIES ARE INSTALLED AND FUNCTIONAL.
2. BEFORE CONSTRUCTION BEGINS, THE LIMITS OF DISTURBANCE BOUNDARY SHALL BE FLAGGED ON SITE AND APPROVED BY OWNER AND THE ENGINEER. UNDER NO CIRCUMSTANCES SHALL SITE DISTURBANCE OCCUR OUTSIDE THE DESIGNATED AREAS AT ANY TIME DURING CONSTRUCTION.
3. EXCAVATION OPERATIONS SHALL PROCEED IN SUCH A MANNER SO THAT FINISHING OF SLOPES SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER ROUGH GRADING. ALL SLOPES 2:1 OR FLATTER SHALL BE COMPACTED WITH HEAVY EQUIPMENT, LEAVING TRACKS PERPENDICULAR TO THE SLOPE.
4. SEDIMENT TRAPS MUST OUTLET ONTO STABILIZED (PREFERABLY UNDISTURBED) GROUND, INTO A WATER COURSE, OR (IN THE BASE OF A SMALL DRAINAGE WAY) LEFT TO PERCOLATE INTO THE GROUND.

5. CONTRACTOR SHALL PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND APPLY WITH THE STATE OF IDAHO FOR A IPDES, IN ACCORDANCE WITH THE IDAHO CONSTRUCTION GENERAL PERMIT FOR STORMWATER.
6. FUGITIVE DUST SHALL BE CONTROLLED BY WATERING, AND/OR CHEMICAL STABILIZATION, PROVIDING VEGETATION OR SYNTHETIC COVER AND WIND BREAKS CONSISTENT WITH IDAHO STATE DIVISION OF AIR QUALITY STANDARDS.
7. STOCK PILES SHALL BE ENCIRCLED BY SILT FENCE. EROSION CONTROL TEMPORARY DIVERSIONS SHALL BE PLACED UPHILL OF STOCKPILES.

EXCAVATION GENERAL NOTES:

1. IN THE EVENT AN UNEXPLAINED DISTURBANCE OCCURS OUTSIDE THE APPROVED AREA OF DISTURBANCE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER. THE ENGINEER AND THE CONTRACTOR WILL DEVELOP AND IMPLEMENT AN AGREEABLE EROSION CONTROL PLAN.
2. HAZARDOUS MATERIAL STORAGE MANAGEMENT:
MATERIAL STORAGE MANAGEMENT INVOLVES PROPER HANDLING, STORAGE, AND DISPOSAL OF ALL MATERIALS WHICH ARE POTENTIAL CONTAMINATES TO WATER SUPPLIES.
3. STORAGE: MATERIALS SHOULD BE STORED IN A DESIGNATED LOCATION WITH BERM OR OTHER PERIMETER CONTROL TO CONTAIN POTENTIAL SPILLS. ON AN UNSECURED SITE, TOXIC MATERIALS SHOULD BE CONTAINED IN A LOCKED ENCLOSURE FOR LIMITED ACCESS.
4. HANDLING: ALL MATERIALS SHOULD BE HANDLED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. PRECAUTIONS SHOULD BE TAKEN TO AVOID SPILLS. IN THE EVENT OF A SPILL, CONTAINMENT BY SANDBAGS, EARTH BERMS, OR OTHER MEANS SHOULD BE EMPLOYED IMMEDIATELY. THE SPILLED MATERIAL SHOULD THEN BE COLLECTED AND DISPOSED OF PROPERLY AND THE AREA REMEDIATED BY REMOVAL AND PROPER DISPOSAL OF CONTAMINATED DIRT. ANY STRUCTURES SUCH AS PAVEMENT, CONCRETE, CULVERTS OR STORM DRAIN INLETS EXPOSED TO THE SPILL SHOULD BE EXAMINED AND REMEDIATED AS NECESSARY. PROPER DOCUMENTATION OF THE SPILL AND NOTIFICATION OF APPROPRIATE AGENCIES SHOULD BE PERFORMED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
5. DISPOSAL: ALL NON-TOXIC WASTE MATERIAL SHOULD BE PLACED IN A COVERED STORAGE AREA OR DUMPSTER FOR PROMPT REMOVAL TO A DISPOSAL SITE. TOXIC MATERIALS SHOULD BE DISPOSED OF PROPERLY AT AN APPROVED FACILITY. STORAGE LOCATIONS FOR WASTE MATERIALS SHOULD BE LOCATED AWAY FROM WATERWAYS.
6. CUT AND FILL SLOPES SHALL BE 2:1 MAXIMUM UNLESS ROCK IS ENCOUNTERED. CUT SLOPES IN ROCK MAY BE STEEPENED, DEPENDING UPON GEOTECHNICAL CONSIDERATIONS. THE TOPS OF ALL CUT SLOPES IN SOIL SHALL BE ROUNDED TO A HORIZONTAL POINT THREE FEET BEYOND THE CATCH POINT. SLOPE ROUNDDING SHALL BE DEVELOPED IN CONCERT WITH THE EXISTING NATURAL CONTOURS, SCALE, AND VEGETATION OF NATURAL TERRAIN.

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8/12/2026
STATE OF
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PROJECT LEADER
August 12, 2026

PROJECT LEADER
PRINT DATE

CHECKED
REVIEWED

BEN SANBERG
MATT GURR

DESKNER:
DRAFTSMAN:

NO
DATE

INTS

DESCRIPTION

LAST CHANCE CANAL COMPANY
FIRST WEST
SPECIFICATIONS

Bench B.dwg
0\2\3037 LAST CHANCE SCADA Phase II\Bench B Drawings\First West
LAYOUT: Specs

JOB NO.
23037

SHEET
G3 OF G4



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BASE-I

2ND EAST

CITY OF GRACE

TURNER ROAD

SCHOOL BUSES USE THIS ROAD TO DRIVE UP TO THE ELEMENTARY FOR DROP OFF AND PICK UP. LIKELY, CONTRACTOR WILL HAVE TO MAINTAIN BUS ACCESS ON ALL SCHOOL DAYS, BUT CONTRACTOR SHALL COORDINATE WITH GRACE SCHOOL DISTRICT #148 (JOSH HOBBS, 208-530-6050) ON BUS ACCESS AND CONSTRUCTION IMPACTS.

GRACE SCHOOL DISTRICT #148 IS OPEN TO WORKING WITH THE CONTRACTOR TO ALLOW THIS LAND TO BE USED FOR STAGING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT JOSH HOBBS (208-530-6050) TO DISCUSS DISTRICT REQUIREMENTS FOR USE (E.G., USING TEMPORARY FENCING TO KEEP CHILDREN AWAY FROM STORED MATERIALS) AND FINALIZE USE WITH DISTRICT.

4TH SOUTH

SC-3

BLACK CANYON
ELEMENTARY

2ND WEST

MAIN STREET (ID-34)

LIMITS OF
DISTURBANCE

SC-2

FIRST WEST HEADGATE STRUCTURE AND PIPELINE

SC-1

SITE ACCESS VIA HIGHWAY AND CITY STREETS

AERIAL IS NOT CURRENT. OLD
ELEMENTARY HAS BEEN REMOVED.

CONTRACTOR SHALL NOT ACCESS
SITE OR TURN EQUIPMENT AROUND
NEAR THE ELEMENTARY.

GCL-4



SURVEY CONTROL POINTS				
NAME	NORTHING	EASTING	ELEVATION	DESCRIPTION
BASE-I	15466857.05	1443637.42	5523.74	FROM ITD
GCL-4	15469083.44	1444075.38	5537.93	FROM ITD
SC-1	15464639.96	1443789.27	5536.31	HEADWALL
SC-2	15464636.64	1443701.48	5535.82	UTILITY FIBER OPTIC
SC-3	15464633.44	1443095.36	5533.11	UTILITY SEWER MH



DESIGNER:	DRAFTSMAN:	BEN SANDBERG	MATT GURR	NO.	DATE	INTS.	REVISIONS		PROJECT LEADER:	PRINT DATE:	PROJECT LEADER:
							CHECKED:	REVIEWED:			

LAST CHANCE CANAL COMPANY

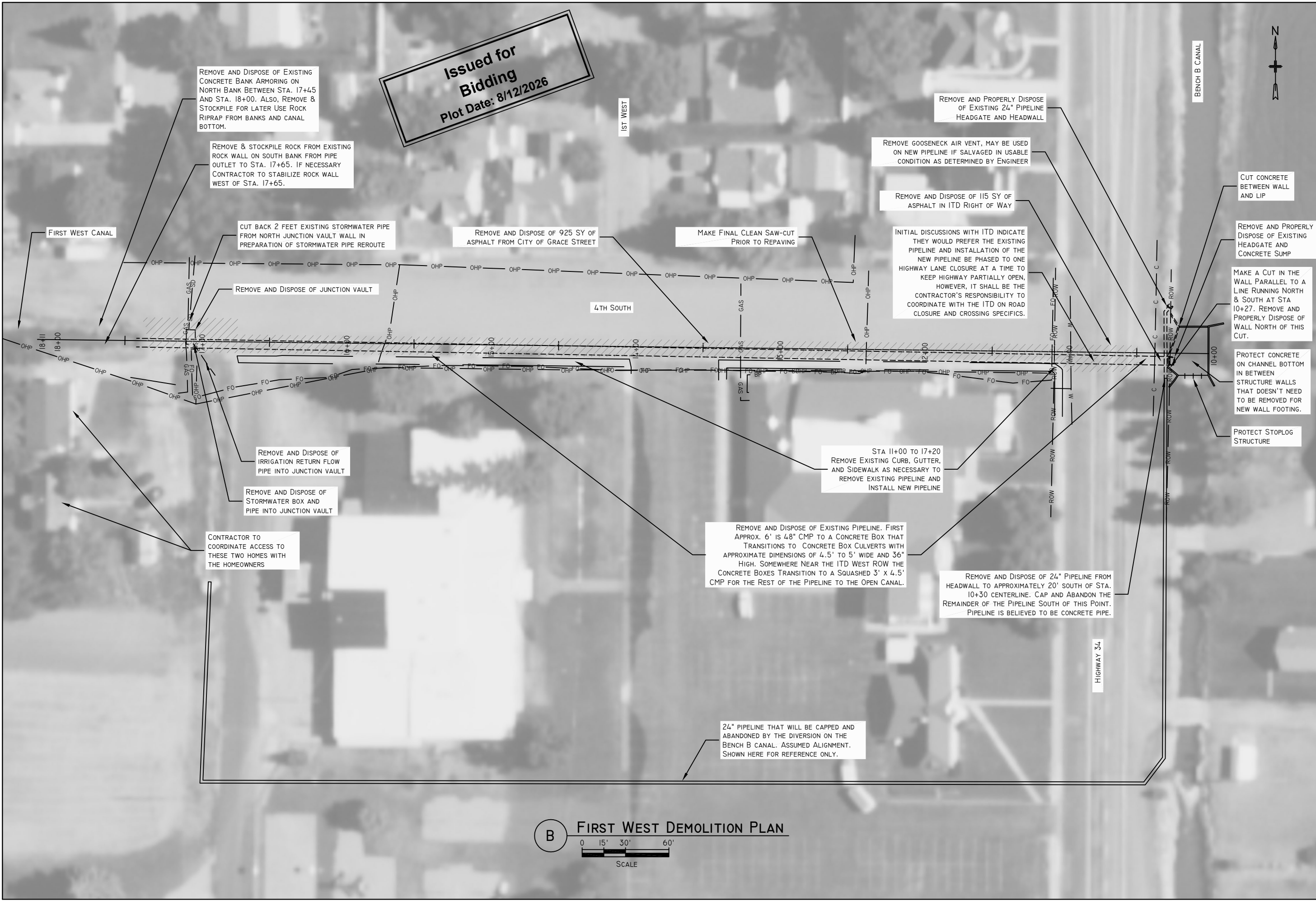
FIRST WEST

SURVEY CONTROL & SITE ACCESS

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B FIRST WEST DEMOLITION PLAN

0 15' 30' 60'

SCALE

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FIRST WEST
DEMOLITION PLAN

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0/2/3037 LAST CHANCE SCADA Phase II/Bench B Drawings/First West
LAYOUT: Demolition

DESIGNER: BEN SANDBERG
DRAFTSMAN: MATT GURR

NO. DATE

INTS.

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PRINT DATE:

DESCRIPTION

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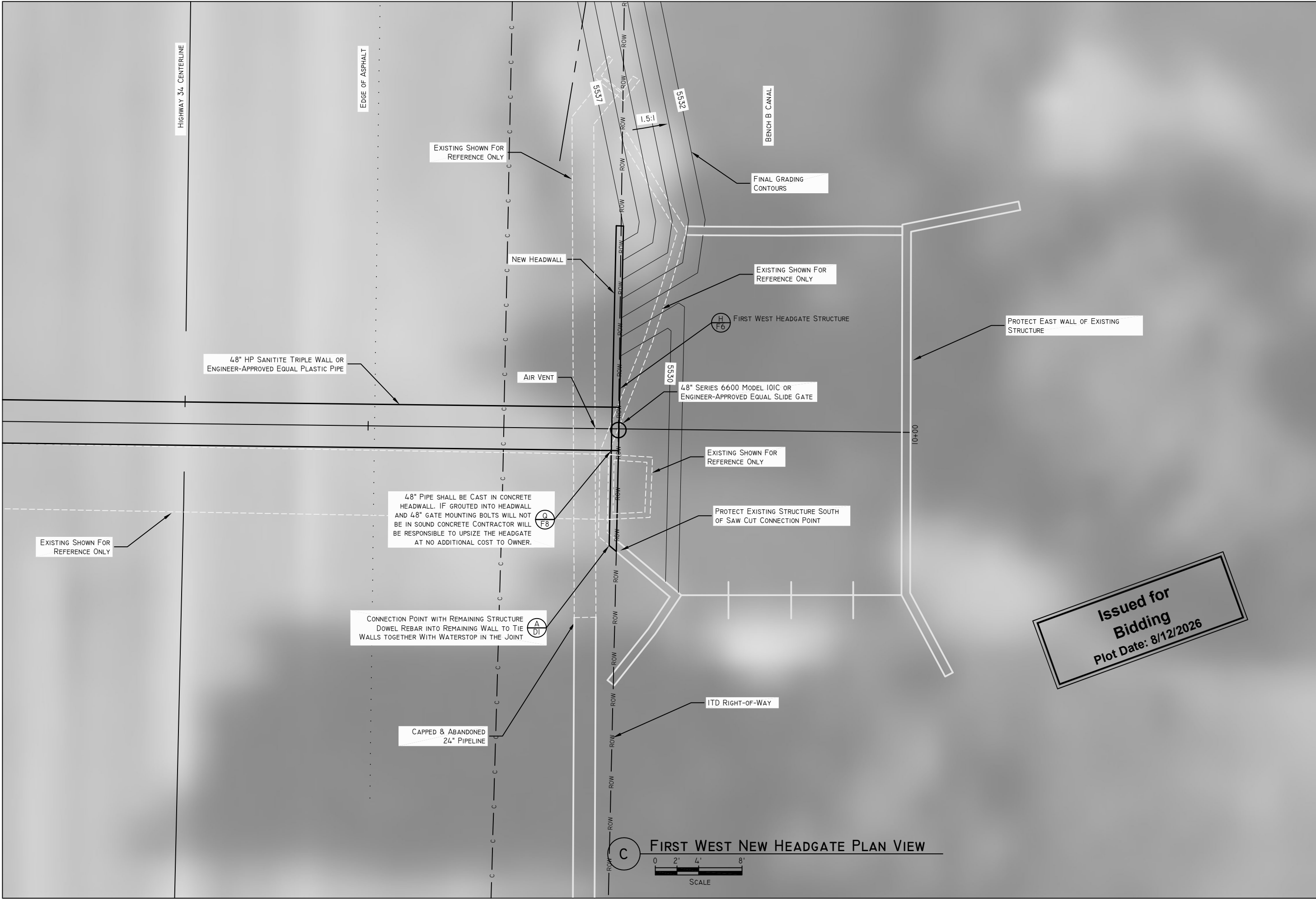
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C FIRST WEST NEW HEADGATE PLAN VIEW

0 2' 4' 8'

SCALE

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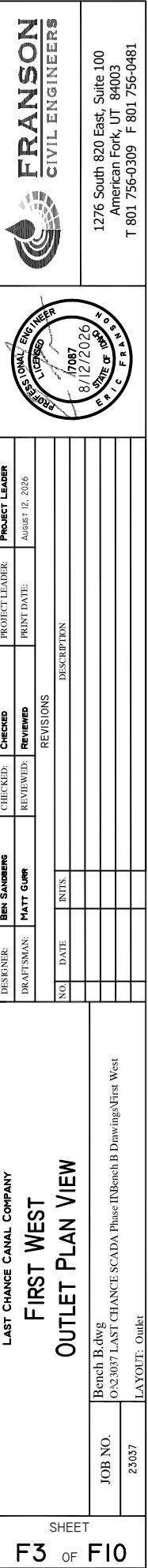
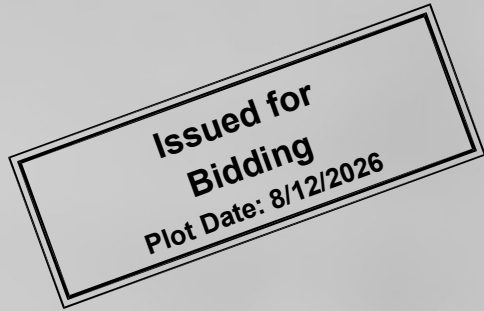
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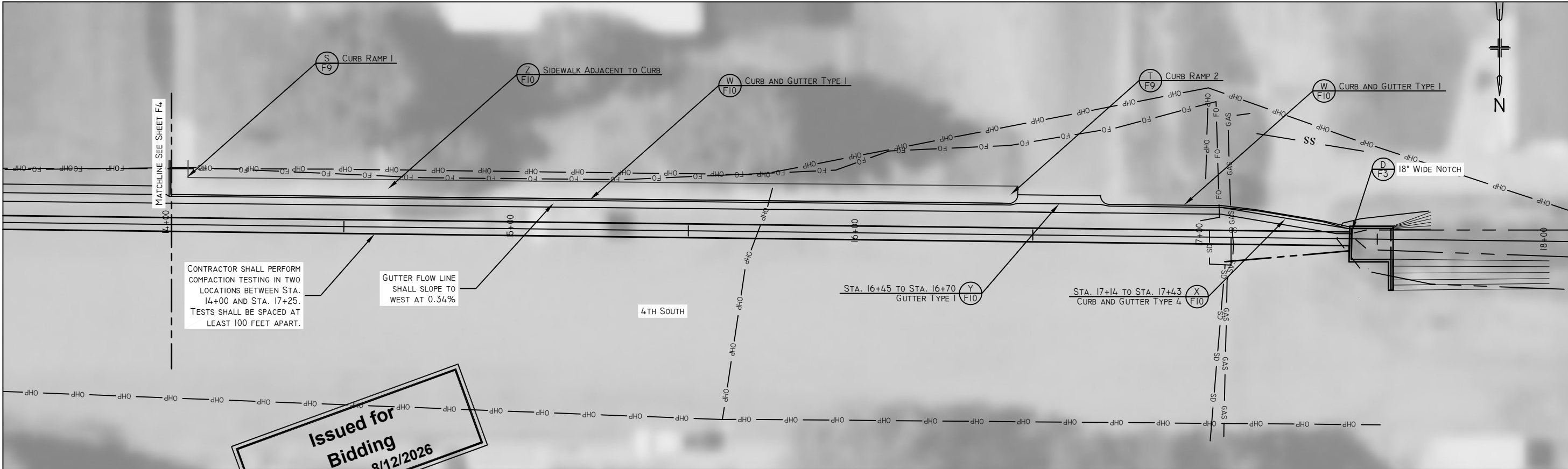
LAST CHANCE CANAL COMPANY
FIRST WEST
NEW HEADGATE PLAN VIEW

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LAYOUT: New Headgate

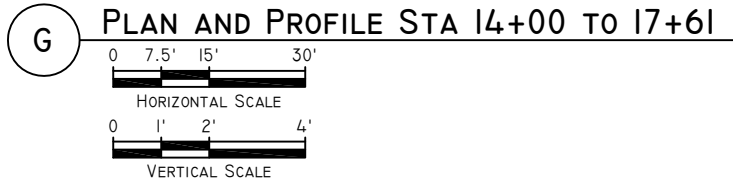
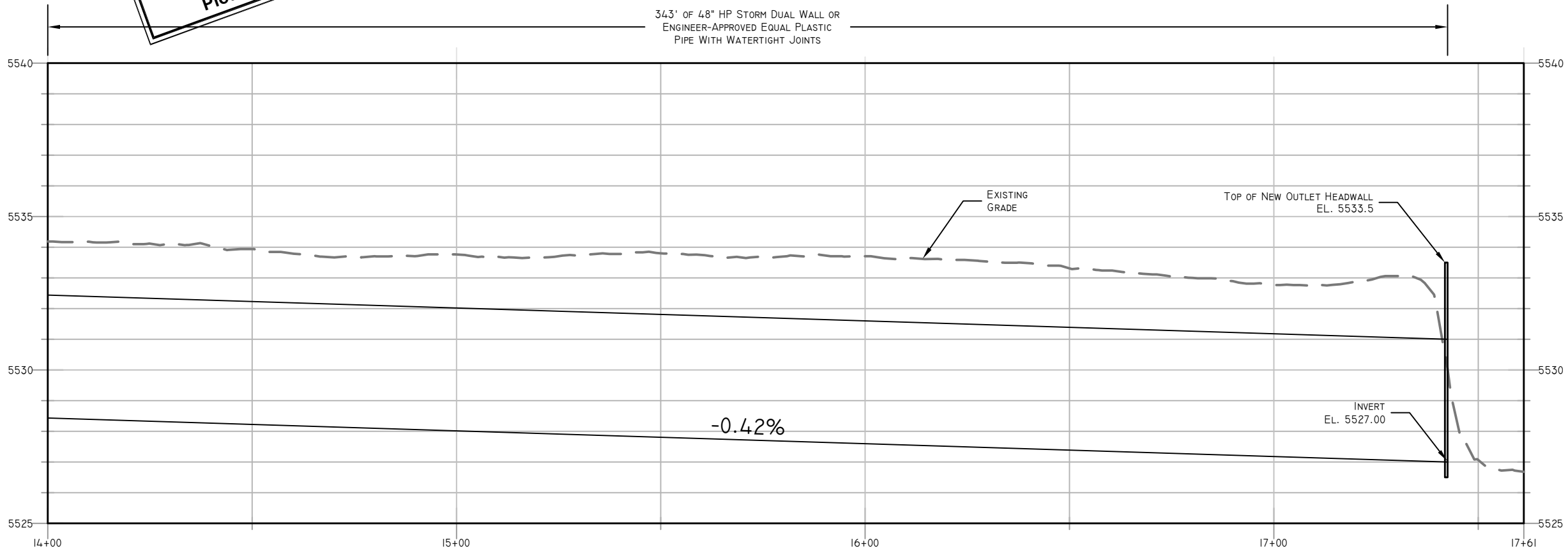
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DRAFTSMAN:	MATT GURR	REVIEWED:		PRINT DATE:	AUGUST 12, 2026
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LAST CHANCE CANAL COMPANY

FIRST WEST

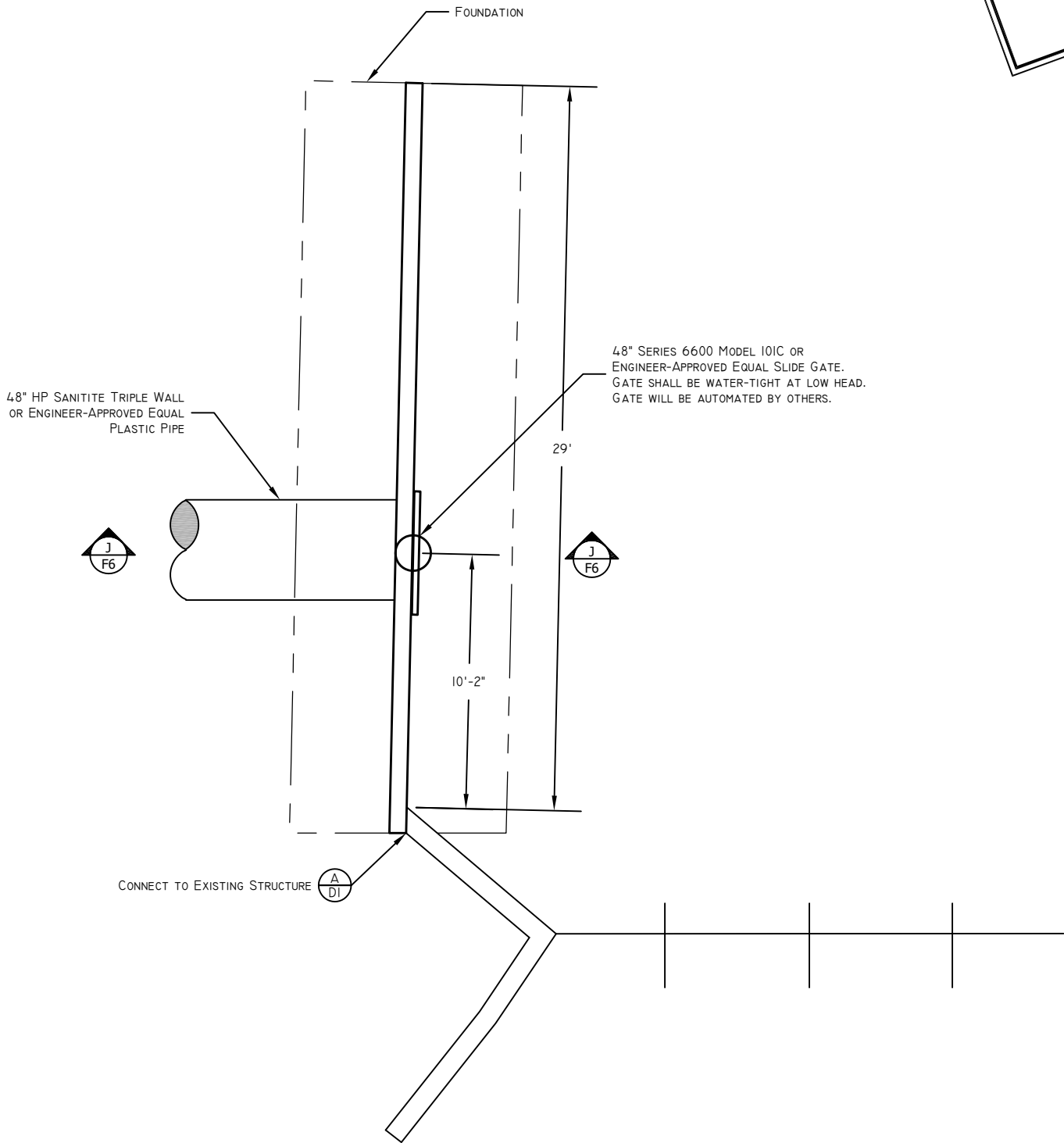
PLAN AND PROFILE STA 14+00 TO 17+61

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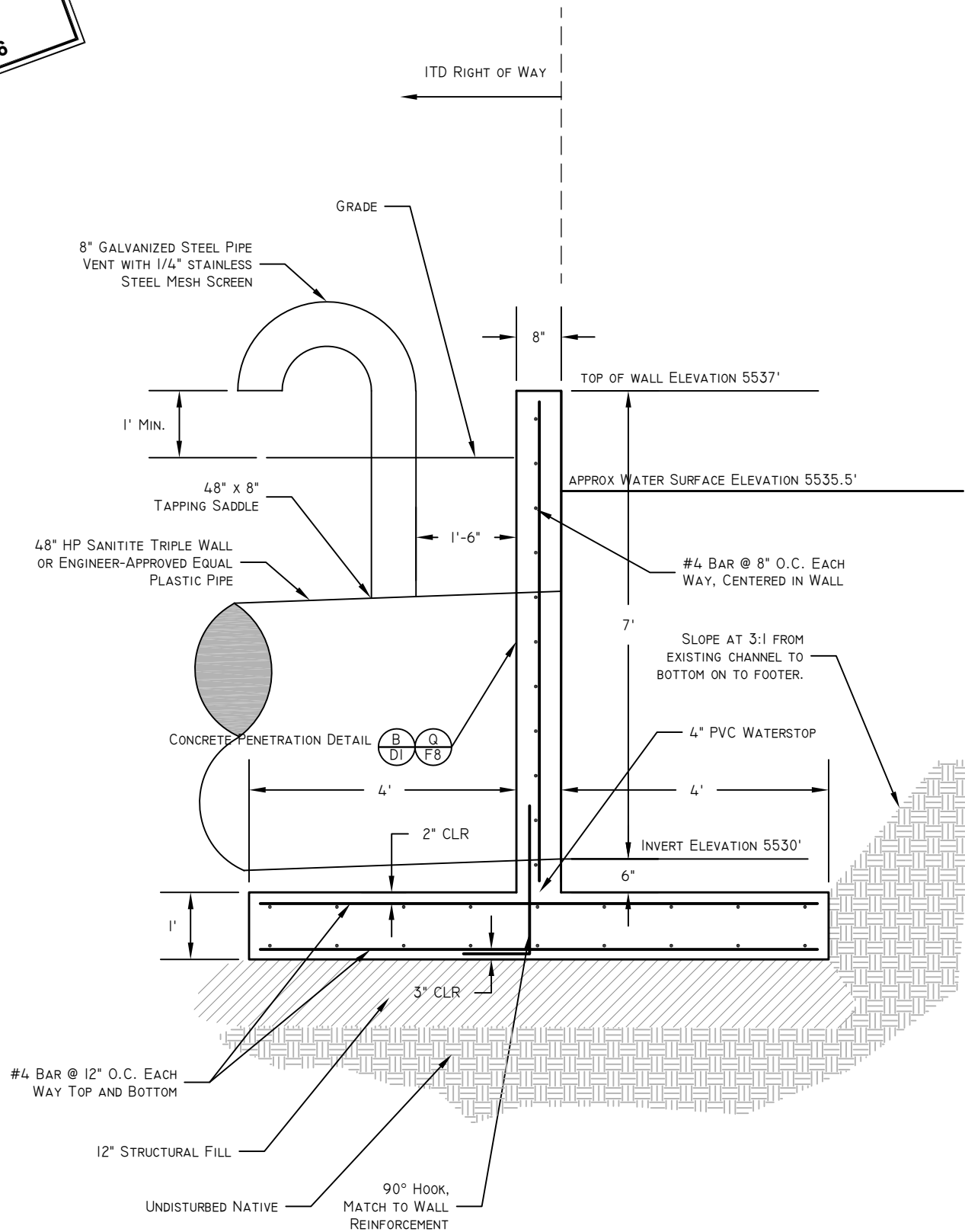
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H FIRST WEST HEADGATE STRUCTURE
NOT TO SCALE



J FIRST WEST HEADGATE SECTION
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FIRST WEST

NEW HEADGATE STRUCTURE

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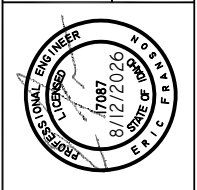
JOB NO.
23037

LAYOUT: Headgate Structure

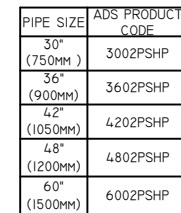
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NOTES:

- Q ADS TRIPLE WALL CAST-IN-PLACE DETAIL
NOT TO SCALE



INSTALLATION VIEW

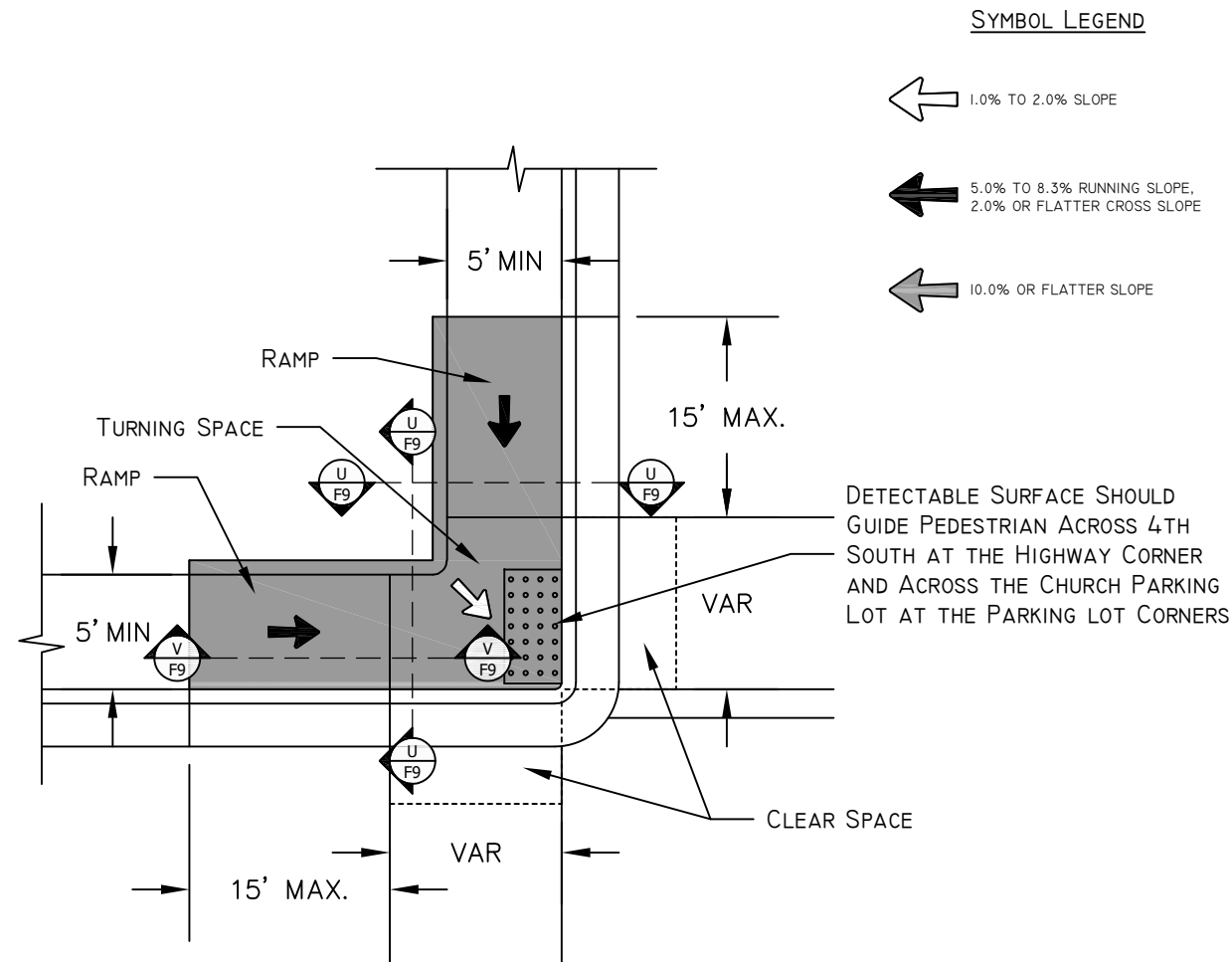


- Notes:

- ADS DUAL WALL CAST-IN-PLACE DETAIL**
NOT TO SCALE

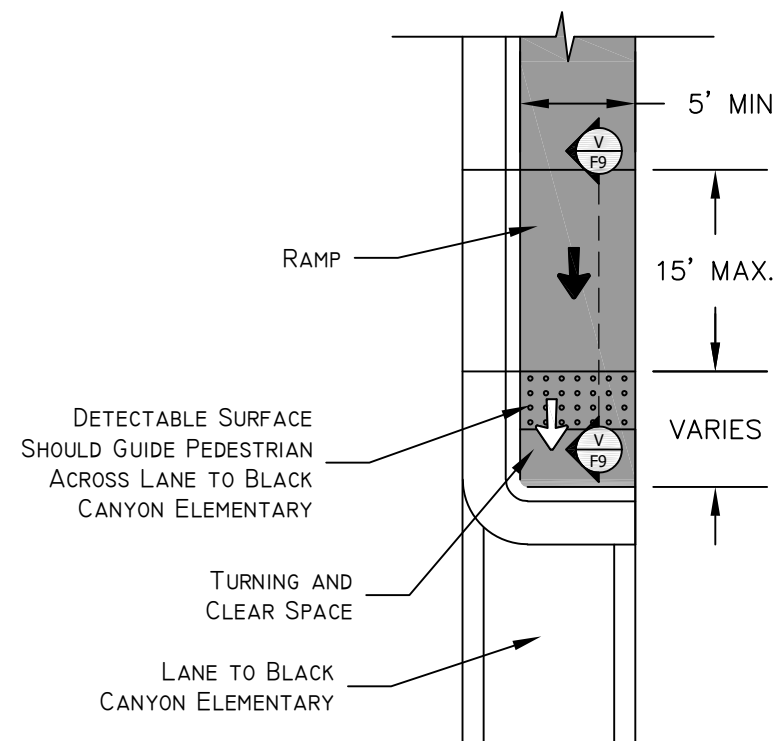
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LAST CHANCE CANAL COMPANY		FIRST WEST TRENCH AND CONNECTION DETAILS	
JOB NO.	Bench B.dwg O-23037 LAST CHANCE SCADA Phase II/Bench B Drawings/First West		
23037	LAYOUT: Trench and Connection		



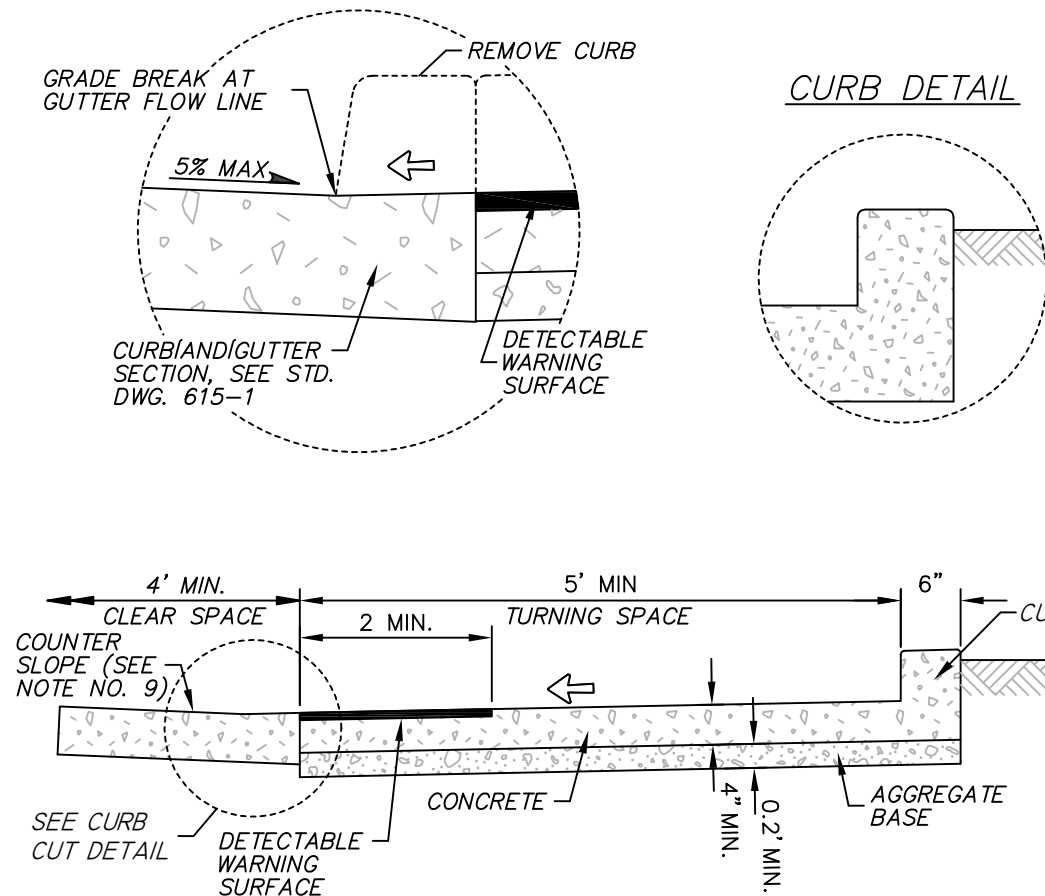
S CURB RAMP I
NOT TO SCALE

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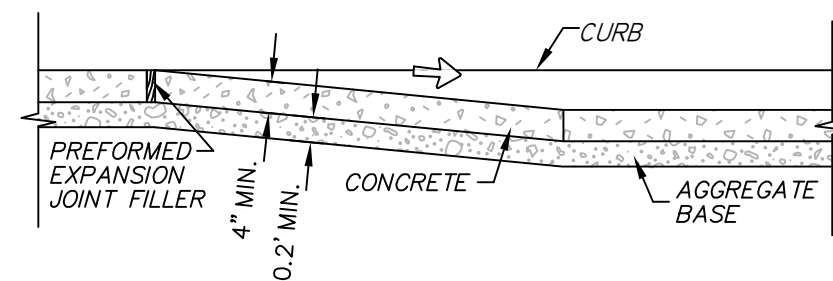


T CURB RAMP 2
NOT TO SCALE

CURB CUT DETAIL



U CURB RAMP SECTION I
NOT TO SCALE



V CURB RAMP SECTION 2
NOT TO SCALE

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DRAFTSMAN:	MATT GURR	REVIEWED:	REVIEWED:	PRINT DATE:	PRINT DATE:
NO.	DATE	INTS.	DESCRIPTION	NO.	DATE



 1.0% TO 2.0% SLOPE
 5.0% TO 8.3% RUNNING SLOPE,
 2.0% OR FLATTER CROSS SLOPE

1. TRANSITION BETWEEN DIFFERENT TYPES OVER 10 FEET.
2. PROVIDE 4 INCHES OF AGGREGATE BASE UNDER CURB AND GUTTER, OR GUTTER.
3. CONSTRUCT CONTRACTION, ISOLATION OR EXPANSION JOINTS.
 - A. CONSTRUCT CONTRACTION JOINTS IN GUTTER OR CURB AND GUTTER AT 10' INTERVALS THAT ARE APPROXIMATELY 1/8" WIDE AND 3/4" DEEP. IF ADJACENT TO SIDEWALK, DRIVEWAY, OR CURB RAMP, ADJUST CURB AND GUTTER JOINT LOCATION AND TYPE TO MATCH.
 - B. CONSTRUCT ISOLATION OR EXPANSION JOINTS WITH PREFORMED EXPANSION JOINT FILLER AT RADIUS TERMINI POINTS. PROVIDE 1/4" MINIMUM WIDTH FOR ISOLATION OR EXPANSION JOINTS. DO NOT USE WOOD AS A CONTRACTION OR ISOLATION JOINT.

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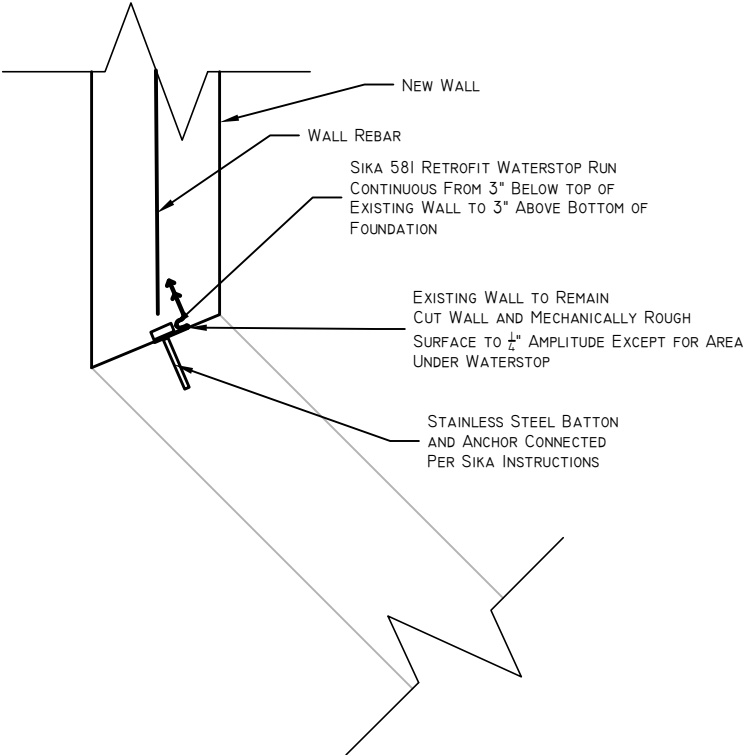
LAST CHANCE CANAL COMPANY

**FIRST WEST
CURB, GUTTER, SIDEWALK DETAILS**

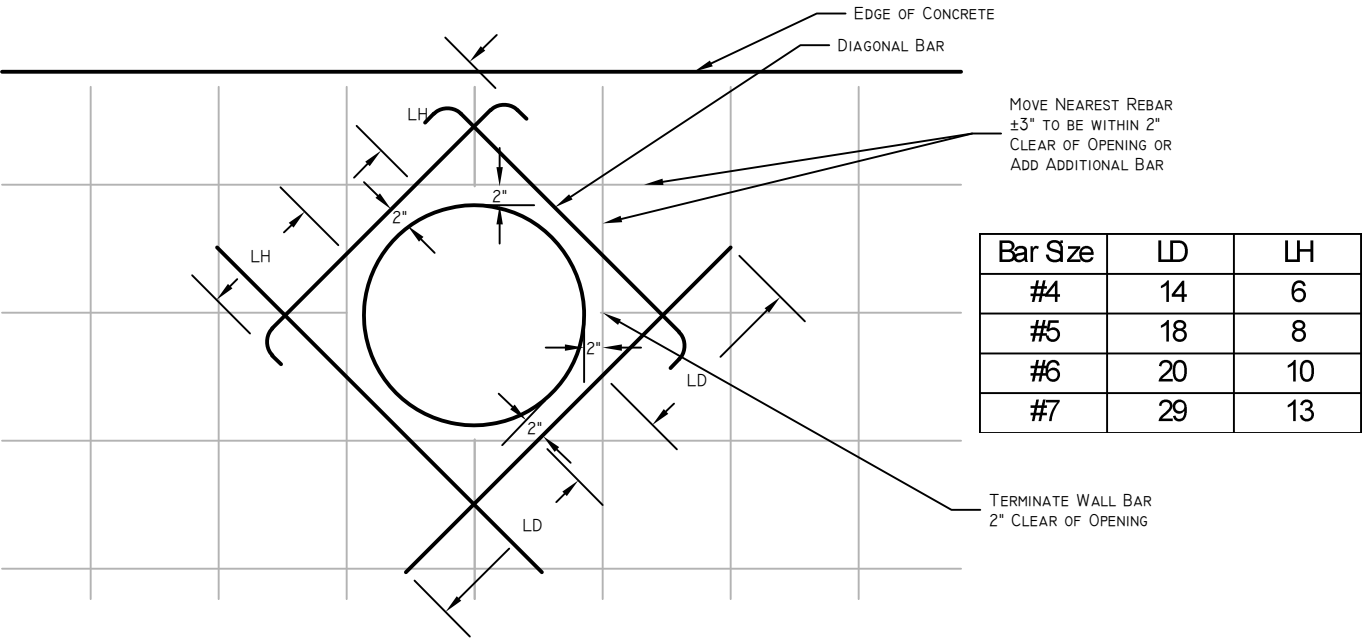
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O:\2\3037 LAST CHANCE SCADA Phase I\Bench B Drawings\First West
A\VOLETT, Gutter and Sidaulli

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A **NEW TO EXISTING WALL CONNECTION**
NOT TO SCALE



B **CONCRETE PENETRATION DETAIL**
NOT TO SCALE

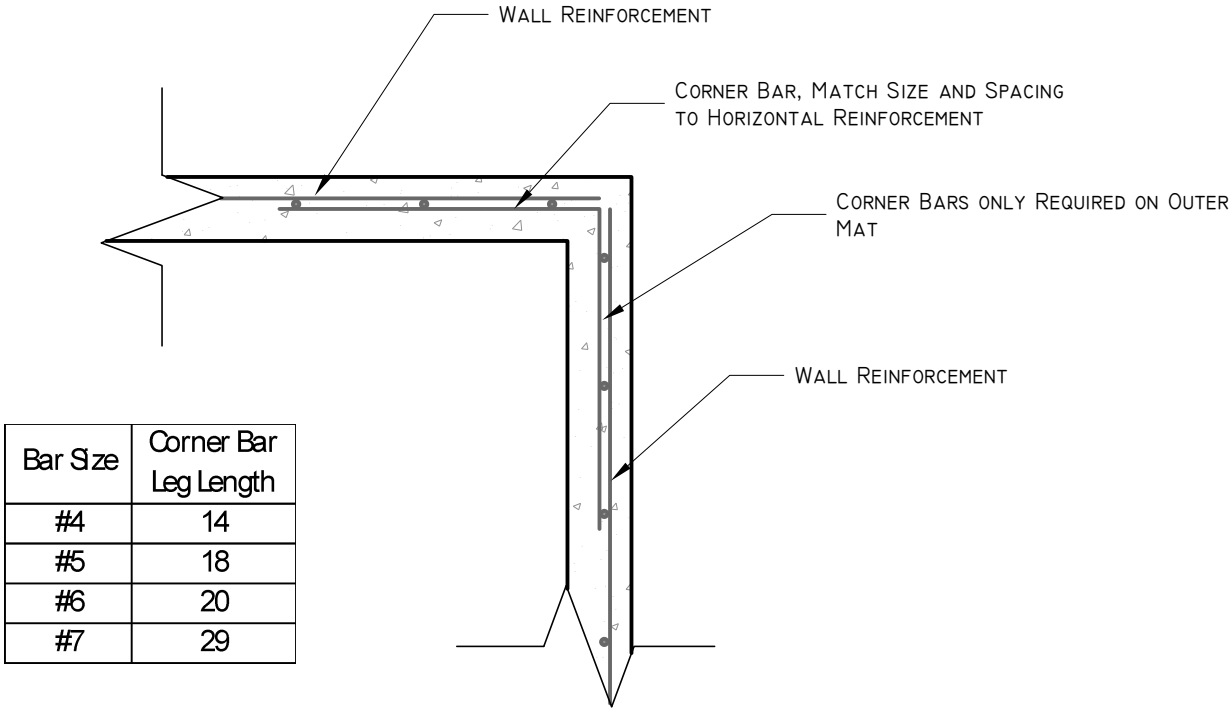
- NOTE:
1. AT LEAST (1) DIAGONAL BAR SHOULD BE INSTALLED AT EACH CORNER OF OPENING.
 2. 90° OR 180° HOOKS MAY BE USED TO SHORTEN CORNER BAR LENGTHS AS REQUIRED.
 3. DIAGONAL BARS TO BE INSTALLED ON BOTH MATS OF REBAR, WHEN PRESENT.
 4. DIAGONAL BARS SHALL BE THE SAME SIZE AS SURROUNDING REINFORCEMENT.
 5. ADD (2) DIAGONAL BARS WHEN OPENING IS GREATER THAN 3X SPACING OF SURROUNDING BARS.



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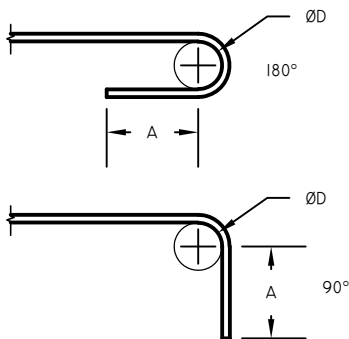


Bar Size	Corner Bar Leg Length
#4	14
#5	18
#6	20
#7	29

C TYPICAL CONCRETE CORNER DETAIL
NOT TO SCALE

TYP. CONCRETE
DEVELOPMENT/LAP LENGTH

Bar Size	Standard Splice Length (in)
#3	12
#4	14
#5	18
#6	20
#7	29
#8	33



TYP. HOOK/BEND TABLE

BAR SIZE	BEND DIA. D (IN)	A (IN)	
		90°	180°
3	2.25	5	5
4	3	6	6
5	3.75	8	8
6	4.5	9	9
7	5.25	11	11
8	6	12	12

D TYPICAL CONCRETE HOOKS & LAP LENGTHS
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LAST CHANCE CANAL COMPANY

FIRST WEST

STRUCTURAL DETAILS 2

Ben B.dwg

0/2/3037 LAST CHANCE SCADA Phase II/Bench B Drawings/First West

LAYOUT: Structural (2)

JOB NO.

23037

SHEET

D2 OF D2