



January 10th, 2023

CHELAN COUNTY NATURAL RESOURCE DEPARTMENT
COIC IMPROVEMENT PROJECT – INTAKE AND PUMPING FACILITIES

ADDENDUM NO. 3

To the Contractors, Subcontractors, Planholders and Suppliers:

The following items contain additions, deletions, or modifications to the Plans and/or Specifications. This Addendum forms as a part of the Contract Documents. All updated contract Documents can be found at <https://www.co.chelan.wa.us/natural-resources/pages/current-opportunities>.

Bidders must acknowledge receipt of this Addendum on the Bid Proposal Declaration within the Bid Package.

A. CONTRACT PROVISIONS COVER SHEET; PAGE 3

A.1. The date of bid opening is revised to Monday, January 29th, 2024 at 11:00 AM PDT.

B. BID SUBMITTAL PACKAGE

B.1. BIDDING INSTRUCTIONS

The date of bid opening listed in Point A of the Bidding Instructions is revised to Monday, January 29th, 2024 at 11:00 AM PDT.

B.2. INVITATION TO BID

The date of bid opening in the first paragraph of the Invitation to Bid is revised to Monday, January 29th, 2024 at 11:00 AM PDT.

B.3. BID PROPOSAL

The bid proposal has been revised to reflect the following corrections:

- BID ITEM 52 – 225-GPM VERTICAL TURBINE PUMP, VFD has been revised so that the quantity is correctly listed as 1 EA. This quantity is now consistent with the Final Contract Drawings.
- BID ITEM 54 – 1,350-GPM VERTICAL TURBINE PUMP, VFD has been revised so that the quantity is correctly listed as 2 EA. This quantity is now consistent with the Final Contract Drawings.

A copy of the revised Bid Proposal form is attached as Appendix A to this addendum. The revised bid items are shown in red. Please use this revised Bid Proposal form.

B.4. BIDDER INFORMATION SHEET

Revisions have been made to the Bidder Information Sheet within the Bid Package. A revised copy of this form has been included as Appendix B to this Addendum. Bidders shall use this version when submitting their bids. Changes include the addition of the following language:

Are you a Certified Firm pursuant with section 1-02.6 of the Special Provisions? (Y/N)_____

*If so, it is the obligation of the bidder to provide documentation supporting Indian Preference as part of their bid package.

B.5. SUBCONTRACTORS LIST

Multiple revisions have been made to the Subcontractors List within the Bid Package as summarized below. A revised copy of this sheet with all referenced changes has been included as Appendix C to this Addendum. Bidders shall use this version when submitting their bids.

A.3.1. The first paragraph is revised to read: Chelan County requires the bidder to submit the names of all subcontractors whose contract amount exceeds 10 percent of the contract price for all contracts exceeding \$100,000. For contracts exceeding \$1,000,000, the bidder shall also submit the names of all subcontractors that will perform HVAC (heating, ventilation, and air conditioning) work, electrical work, structural steel installation, or rebar installation, in accordance with RCW 29.30.060, regardless of whether the contract amount exceeds 10 percent of the contract price

A.3.2. A check box and the following sentence is added after the first paragraph: By checking this box, bidders acknowledge and agree to the requirements listed in section 1-08.1 of the Special Provisions.

A.3.3. The Prime Contractor is required to provide the following additional information for each subcontractor: Is this an Indian Certified Firm? (Y/N)_____ If No, briefly explain why Indian Certified Firm was not selected.

C. SPECIAL PROVISIONS

C.1. DIVISION 1- GENERAL

C.1.1. 1-02.6 Preparation of Proposal

The following paragraph is added to the end of section 1-02.6 of the special provisions:

Because this project is partially funded by the Confederated Tribes of the Colville Reservation, Indian preference applies to any award of contract pursuant to this Invitation to Bid. Indian preference will be included in the evaluation of bids to the extent required by Colville Tribal Law and Order Code Chapter 10-1, the Colville Tribal Employment Rights Ordinance (TERO), and Chapter 10-3, Indian Preference in Contracting. The tribal code is available at <https://www.cct-cbc.com/current-code/>. No minimum level of Indian preference certified firm participation shall be required as a condition for receiving an award and bids will not be rejected or considered nonresponsive on that basis. It is the obligation of the bidder to provide documentation supporting Indian preference with their bid documents.

C.1.2. 1-02.12 Public Opening of Proposals

The date of bid opening in the last paragraph of section 1-02.12 is revised to Monday, January 29th, 2024 at 11:00 AM PDT.

C.1.3. 1-03.1 Consideration of Bids

The following paragraph is added to the end of section 1-03.1 of the special provisions:

If you are an Indian preference eligible firm as described in Colville Tribal Law and Order Code Chapter 10-3, Indian Preference in Contracting, you must include supporting documentation with your bid proposal for preference to be acknowledged and considered. Supporting documentation accepted includes a copy of Tribe certification or, if the firm is individually-owned but not certified, a copy of your tribal enrollment card.

C.1.4. 1-07.11 Requirements for Nondiscrimination

The first paragraph of section 1-07.11 is revised to read:

Disadvantaged Business Enterprise Participation

Except as provided in 1-02.6 regarding Indian preference, no preference will be included in the evaluation of Bids/Proposals, no minimum level of DBE participation shall be required as a Condition of Award and Bids/Proposals may not be rejected or considered non-responsive on that basis.

C.1.5. 1-08.1 Subcontracting

Section 1-08.1 of the Special Provisions is revised to read:

(May 30, 2019 APWA GSP, Option B)

Delete the ninth paragraph, beginning with “On all projects, the Contractor shall certify...”.

Contractor’s award of subcontracts for supplies, services, labor and/or materials in an amount of \$5,000.00 or more, shall give preference in subcontracting to qualified entities in the following order:

- (1) 100% Colville Business Enterprises;
- (2) Colville Family Business Enterprises;
- (3) Colville Business Enterprises;
- (4) All other Indian Business Enterprises.

The Contractor shall use all reasonable mechanisms to adhere to the requirements above. To assist Contractor in complying with the Indian preference requirements, the Contracting Agency can provide a link to a list of certified firms as received from the Confederate Tribes of the Colville Reservation Tribal Employment Rights Office (“TERO”) by request, or Contractors may independently reach out via the provide contact information for TERO below. As part of Contractor’s Indian preference obligations, the Contactor shall indicate within their subcontractors list whether or not each subcontractor is an Indian Certified Firm. If a subcontractor is not an Indian Certified Firm, the Contractor shall specify the reason(s) why a non-Indian Certified Firm was selected. The Contractor shall be prohibited from using qualification criteria that creates a barrier to Indian firms.

Confederated Tribes of the Colville Reservation

Tribal Employment Rights Office

Phone: (509) 634-2735

Email: dana.cleveland.TER@colvilletribes.com

D. TECHNICAL SPECIFICATION

D.1. Section 26 80 00 – Controls

D.1.1. Part 1 – General, 1.4 – Special Requirements, Paragraph D

Part 1 – General, 1.4 – Special Requirements, Paragraph D is revised to include approval of additional System Integrators, as follows:

D. The Contractor shall be responsible for the selection of the System Integrator. Integrators not listed below shall be subject to written approval by the Engineer prior to bid. Pre-approved System Integrators are:

1. Systems Interface Inc, Bothell WA.
2. Quality Controls Corporation, Lynnwood WA.
3. Technical Systems Inc, Lynnwood WA.
4. Process Solutions Inc, Arlington, WA
5. Taurus Controls, Kent, WA
6. Control Freek Inc, Spokane WA
7. Mitchell, Lewis, & Staver, Spokane WA

D.2. Section 33 12 40 – Vertical Turbine Pumps for Irrigation

D.2.1. Part 1 – General, 1.01 – Price, A – 225-gpm Vertical Turbine Pump, VFD

Part 1 – General, 1.01 – Price, A – 225-gpm Vertical Turbine Pump, VFD is revised to read as follows so that the size of pump listed in the measurement and payment paragraphs is consistent with those listed in the bid proposal form:

- B. 225-gpm Vertical Turbine Pump, VFD
1. Measurement: Per each 225-gpm vertical turbine installed under this Contract.
 2. Payment: Per each price offered in the Bid Schedule.
 3. The per each price offered in the Bid Schedule for “225-gpm Vertical Turbine Pump” shall include all costs for labor, materials, tools, and equipment necessary to furnish and install the specified vertical turbine pump, motor, and related appurtenances in the pump station building and wet well structure and connect the pump to discharge piping within the pump station building.

D.2.2. Part 1 – General, 1.01 – Price, B – 675-gpm Vertical Turbine Pump, VFD

Part 1 – General, 1.01 – Price, B – 675-gpm Vertical Turbine Pump, VFD is revised to read as follows so that the size of pump listed in the measurement and payment paragraphs is consistent with those listed in the bid proposal form:

- A. 675-gpm Vertical Turbine Pump, VFD
1. Measurement: Per each 675-gpm vertical turbine installed under this Contract.
 2. Payment: Per each price offered in the Bid Schedule

3. The per each price offered in the Bid Schedule for “675-gpm Vertical Turbine Pump” shall include all costs for labor, materials, tools, and equipment necessary to furnish and install the specified vertical turbine pump, motor, and related appurtenances in the pump station building and wet well structure and connect the pump to discharge piping within the pump station building.

E. FINAL CONTRACT DRAWINGS

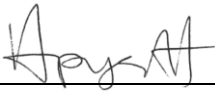
E.1. Drawing C-01

The call-out referring to the composition of the crushed rock surfacing placed for access around the pump station and settling basin is revised to require 2 inches of crushed surfacing top course (CSTC) over 4 inches of crushed surfacing base course (CSBC), as shown on the attached red-line of Drawing C-01. This correction was made to represent the design intent and to be consistent with the quantities of CSTC and CSBC shown for Bid Item 25 – Crushed Surfacing Base Course, and Bid Item 26 – Crushed Surfacing Top Course provided in the Bid Proposal form. This has been included as part of Appendix D to this Addendum.

E.2. Drawing C-03

The call-out referring to the composition of the crushed rock surfacing placed for access around the pump station and settling basin is revised to require 2 inches of crushed surfacing top course (CSTC) over 4 inches of crushed surfacing base course (CSBC), as shown on the attached red-line of Drawing C-03. This correction was made to represent the design intent and to be consistent with the quantities of CSTC and CSBC shown for Bid Item 25 – Crushed Surfacing Base Course and Bid Item 26 – Crushed Surfacing Top Course provided in the Bid Proposal form. This has been included as part of Appendix D to this Addendum.

END OF ADDENDUM NO. 3

X 

Hannah Pygott, Sr. Natural Resource Specialist
Resources Department

X 

David Rice, Principal Water Resources Engineer Chelan County Natural

APPENDIX A: REVISED BID PROPOSAL FORM

**COIC IMPROVEMENT PROJECT
– INTAKE AND PUMPING
FACILITIES**

Addendum NO. 3

BID PROPOSAL

CASCADE ORCHARD IRRIGATION COMPANY (COIC) IMPROVEMENT PROJECT – INTAKE AND PUMPING FACILITIES

TO: Board of Chelan County Commissioners, Wenatchee, Washington

The Undersigned certify that they have examined the location of the project and read and thoroughly understand the plans, specifications and contract governing the work embraced in this improvement or as much thereof as can be completed with the money available, in accordance with the said plans, specifications, and contract, and the following schedule of rates and prices:

| COIC IMPROVEMENT PROJECT – INTAKE AND PUMPING FACILITIES BID | | | | | | |
|--|----------|--|------|----------|------------|-------------|
| Item | Spec # | Description | Unit | Quantity | Unit Price | Total Price |
| 1 | 01 71 33 | MOBILIZATION/DEMOBILIZATION | LS | 1 | | |
| 2 | 01 55 26 | TRAFFIC CONTROL | LS | 1 | | |
| 3 | 01 56 15 | LOCATE AND PROTECT EXISTING UTILITIES | LS | 1 | | |
| 4 | 01 57 13 | TEMPORARY EROSION AND SEDIMENT CONTROL | LS | 1 | | |
| 5 | 01 74 10 | FINAL CLEANUP AND REPAIR OF PRIVATE PROPERTY | LS | 1 | | |
| 6 | 02 21 00 | CONSTRUCTION SURVEYING | LS | 1 | | |
| 7 | 02 41 00 | DEMOLITION | LS | 1 | | |
| 8 | 03 30 00 | REINFORCED CONCRETE SETTLING BASIN AND WET WELL STRUCTURE | LS | 1 | | |
| 9 | 03 30 00 | COMPOSITE SLAB FOR PUMP STATION BUILDING | LS | 1 | | |
| 10 | 06 10 00 | TIMBER FRAME PUMP STATION BUILDING | LS | 1 | | |
| 11 | 23 81 43 | HEAT PUMP AND ACCESSORIES | LS | 1 | | |
| 12 | 26 00 00 | PUMP STATION ELECTRICAL, CONTROLS, AND INSTRUMENTATION | LS | 1 | | |
| 13 | 31 11 00 | CLEARING AND GRUBBING | LS | 1 | | |
| 14 | 31 23 20 | DIVERSION AND CARE OF WATER | LS | 1 | | |
| 15 | 31 23 30 | PHASE 1 EXCAVATION - SCREEN AND INTAKE PIPELINE IN CHANNEL | LS | 1 | | |
| 16 | 31 23 30 | PHASE 2 EXCAVATION - UPLAND INTAKE AND PUMPING FACILITIES | LS | 1 | | |

| | | | | | | |
|----|----------|---|----|-------|--|--|
| 17 | 31 23 30 | STRUCTURAL BACKFILL - INLET AND PUMPING STRUCTURES | TN | 71 | | |
| 18 | 31 23 30 | FINAL BACKFILL - INLET AND PUMPING STRUCTURES | LS | 1 | | |
| 19 | 31 23 30 | PIPE BEDDING - INLET PIPELINE AND DISCHARGE PIPELINE | CY | 22 | | |
| 20 | 31 23 30 | SELECT BACKFILL - INLET PIPELINE AND DISCHARGE PIPELINE | CY | 103 | | |
| 21 | 31 23 30 | FINAL BACKFILL - INLET PIPELINE AND DISCHARGE PIPELINE | LS | 1 | | |
| 22 | 31 23 30 | FINAL SITE GRADING | LS | 1 | | |
| 23 | 31 23 30 | HAUL AND STOCKPILE EXCAVATED MATERIAL FOR REUSE | LS | 1 | | |
| 24 | 31 50 00 | EXCAVATION SUPPORT AND PROTECTION | SF | 6,000 | | |
| 25 | 32 11 23 | CRUSHED SURFACING BASE COURSE | TN | 84 | | |
| 26 | 32 11 23 | CRUSHED SURFACING TOP COURSE | TN | 42 | | |
| 27 | 32 50 00 | IMPORTED STREAMBED GRAVEL-COBBLE MIX | TN | 118 | | |
| 28 | 32 50 00 | NATIVE STREAMBED GRAVEL-COBBLE MIX | LS | 1 | | |
| 29 | 32 50 00 | NATIVE STREAMBED BOULDERS | LS | 1 | | |
| 30 | 32 81 13 | 66-INCH SELF-CLEANING CONE SCREEN WITH CONTROLS | LS | 1 | | |
| 31 | 32 92 19 | HYDROSEEDING | LS | 1 | | |
| 32 | 32 93 00 | COTTONWOOD POLE PLANTING | LS | 1 | | |
| 33 | 33 05 26 | CML STEEL PIPE FOR PUMP STATION MANIFOLD AND DISCHARGE PIPING | LS | 1 | | |
| 34 | 33 05 61 | 60-INCH PRE-CAST CONCRETE MANHOLE BASE FOR SCREEN | LS | 1 | | |
| 35 | 33 05 61 | 60-INCH PRE-CAST CONCRETE FLOW CONTROL MANHOLE | LS | 1 | | |
| 36 | 33 05 61 | 60-INCH PRE-CAST CONCRETE METER MANHOLE | LS | 1 | | |
| 37 | 33 11 17 | 30-INCH HDPE IRRIGATION PIPE AND FITTINGS (100-PSI RATING) | LF | 106 | | |
| 38 | 33 11 17 | 18-INCH HDPE IRRIGATION PIPE AND FITTINGS (200-PSI RATING) | LF | 49 | | |
| 39 | 33 11 17 | 2-INCH SERVICE CONNECTION AND SERVICE PIPE | LS | 1 | | |
| 40 | 33 11 17 | DRAIN CONNECTION - TO WET WELL STRUCTURE | LS | 1 | | |

| | | | | | | |
|-----------------------|----------|---|----|---|--|--|
| 41 | 33 12 17 | 18-INCH GATE VALVE AND BOX | EA | 1 | | |
| 42 | 33 12 17 | 10-INCH BUTTERFLY VALVE | EA | 2 | | |
| 43 | 33 12 17 | 8-INCH BUTTERFLY VALVE | EA | 2 | | |
| 44 | 33 12 17 | 6-INCH BUTTERFLY VALVE | EA | 1 | | |
| 45 | 33 12 17 | 10-INCH CUSHIONED SWING CHECK VALVE | EA | 2 | | |
| 46 | 33 12 17 | 8-INCH CUSHIONED SWING CHECK VALVE | EA | 1 | | |
| 47 | 33 12 17 | 6-INCH CUSHIONED SWING CHECK VALVE | EA | 1 | | |
| 48 | 33 12 17 | 8-INCH PRESSURE RELIEF AND SURGE ANTICIPATING VALVE | EA | 1 | | |
| 49 | 33 12 17 | COMBINATION AIR RELEASE VALVE | EA | 5 | | |
| 50 | 33 12 17 | 2-INCH PRESSURE REDUCING VALVE AT CUSTOMER TURNOUT | EA | 1 | | |
| 51 | 33 12 18 | 30-INCH SLIDE GATE | LS | 1 | | |
| 52 | 33 12 40 | 225-GPM VERTICAL TURBINE PUMP, VFD | EA | 1 | | |
| 53 | 33 12 40 | 675-GPM VERTICAL TURBINE PUMP, VFD | EA | 1 | | |
| 54 | 33 12 40 | 1,350-GPM VERTICAL TURBINE PUMP, VFD | EA | 2 | | |
| BASE BID TOTAL | | | | | | |

The aforementioned sum is hereby designated the Total base Bid. The Total Base Bid shall not include Washington State sales tax. Sales tax will be added to the Total Base Bid prior to Contract execution to determine the Contract Sum and sales tax shall be paid by the CONTRACTING AGENCY with each progress payment.

PRINT BIDDER NAME

DATE

SIGNATURE OF PRINCIPAL OR OFFICER

APPENDIX B: REVISED BIDDER INFORMATION SHEET

**COIC IMPROVEMENT PROJECT
– INTAKE AND PUMPING
FACILITIES**

Addendum NO. 3

BIDDER INFORMATION

PROJECT: CASCADE ORCHARD IRRIGATION COMPANY IMPROVEMENT PROJECT – INTAKE AND PUMPING FACILITIES

Contractor registration, bonding and insurance information will be confirmed through Department of Labor and Industries at 1.800.647.0982 and 1.360.902.5230.

CONTRACTOR:

 NAME (Exactly as Registered) TELEPHONE NO.

 ADDRESS

 CITY STATE ZIP

 REGISTRATION NO. EXPIRATION DATE FEDERAL TAX ID UBI NO.

SOLE PROPIERTORSHIP PARTNERSHIP CORPORATION
 JOINT VENTURE LLC

PRINCIPALS:

Are you a Certified Firm pursuant with section 1-02.6 of the Special Provisions? (Y/N) _____
 *If so, it is the obligation of the bidder to provide documentation supporting Indian Preference as part of their bid package.

LIST OF SIMILAR PROJECTS COMPLETED BY CONTRACTOR (USE ADDITIONAL SHEET IF NECESSARY)

| Project Name | Contracting Agency | Contracting Agency Contact | Completion Date |
|--------------|--------------------|----------------------------|-----------------|
| | | | |
| | | | |
| | | | |
| | | | |

APPENDIX C: REVISED SUBCONTRACTOR LIST

**COIC IMPROVEMENT PROJECT
– INTAKE AND PUMPING
FACILITIES**

Addendum NO. 3

SUBCONTRACTOR LIST

Prepared in compliance with RCW 39.30.060 as amended

Chelan County requires the bidder to submit the names of all subcontractors whose contract amount exceeds 10 percent of the contract price for all contracts exceeding \$100,000. For contracts exceeding \$1,000,000, the bidder shall also submit the names of all subcontractors that will perform HVAC (heating, ventilation, and air conditioning) work, electrical work, structural steel installation, or rebar installation, in accordance with RCW 29.30.060, regardless of whether the contract amount exceeds 10 percent of the contract price. Bidders shall complete Section A below, as appropriate, with the bid proposal or within 1 hour of the bid time. Bidders may attach additional sheets as necessary to identify additional subcontractors. If information is delivered within 1 hour of the bid time, it may be delivered in person, by fax, courier or email to the CONTRACTING AGENCY’S representative.

SECTION A. OWNER REQUIRED SUBCONTRACTOR LIST

The following subcontractor(s) subcontract amount(s) exceed 10 percent of the contract price and the contract exceeds \$100,000 (list subcontractor and bid item).

By checking this box, bidders acknowledge and agree to the requirements listed in section 1-08.1 of the Special Provisions.

Bidder certifies that there are no subcontractors at this time who meet the above requirements.

Name _____
Title. _____
Signature _____

OR There are subcontractors that meet the above requirements. Provide additional sheet if necessary.

Subcontractor Name _____
Bid Item No. _____
Address. _____
Phone No. _____ State Contractor’s Lic. No. _____
Is this an Indian Certified Firm? (Y/N) _____ If No, briefly explain why Indian Certified Firm was not selected: _____

Subcontractor Name _____
Bid Item No. _____
Address. _____
Phone No. _____ State Contractor’s Lic. No. _____
Is this an Indian Certified Firm? (Y/N) _____ If No, briefly explain why Indian Certified Firm was not selected: _____

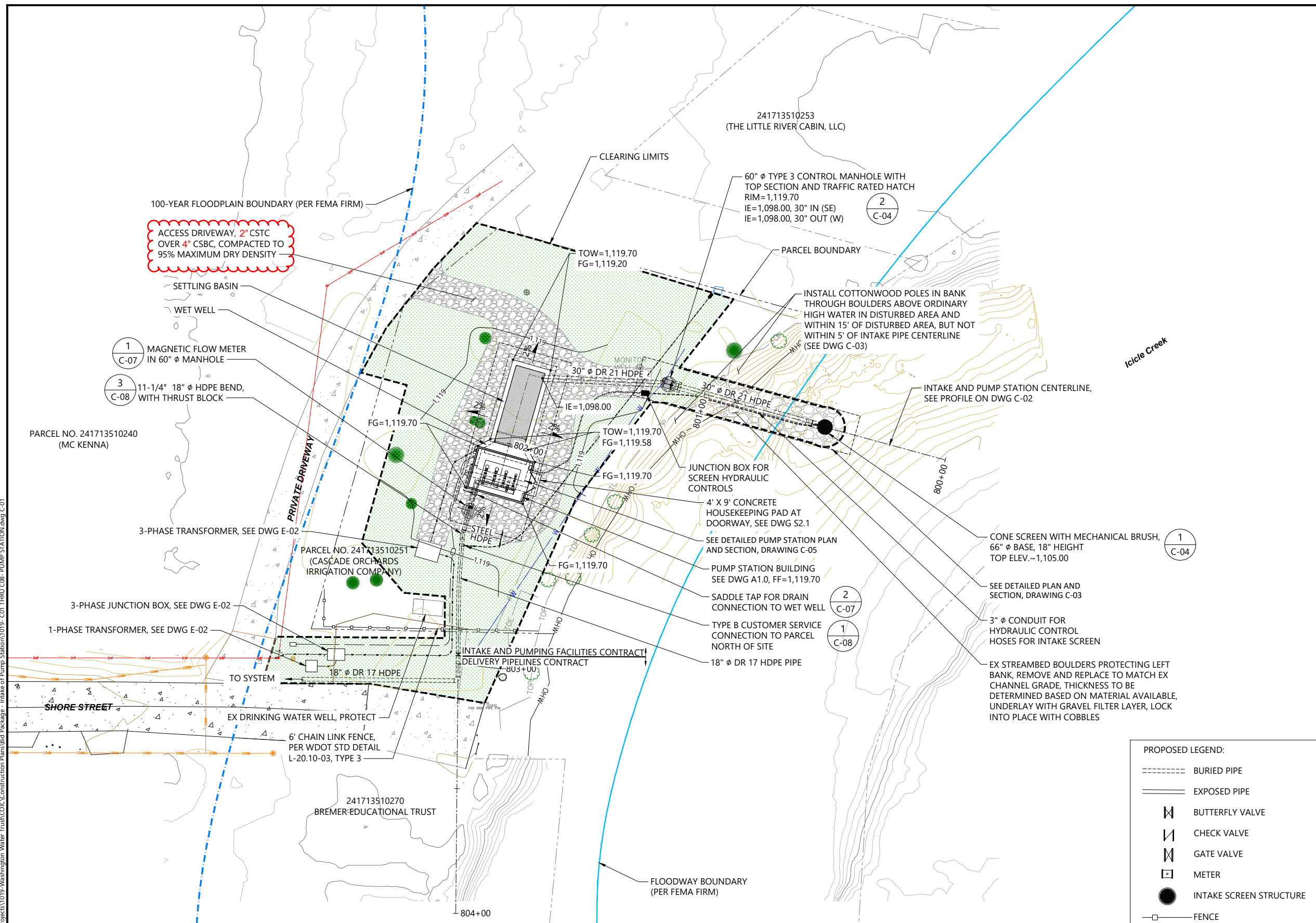
Subcontractor Name _____
Bid Item No. _____
Address. _____
Phone No. _____ State Contractor’s Lic. No. _____
Is this an Indian Certified Firm? (Y/N) _____ If No, briefly explain why Indian Certified Firm was not selected: _____

APPENDIX D: REVISED DRAWING C-01 AND C-03

**COIC IMPROVEMENT PROJECT
– INTAKE AND PUMPING
FACILITIES**

Addendum NO. 3

K:\Projects\1019-Washington Water Trust\COIC Construction Plans\Bid Package - Intake of Pump Station\1019_CO1_THRU_CO8_PUMP STATION.dwg C-01



- LEGEND:**
- EXISTING CONTOURS (1' AND 5' FROM LIDAR)
 - EXISTING CONTOURS (1' AND 5' FROM SURVEY)
 - SURVEYED PARCEL BOUNDARY
 - ORDINARY HIGH WATER MARK
 - DECIDUOUS TREE
 - CONIFER TREE
 - POWER POLE
 - POLE ANCHOR
 - OVERHEAD POWER
 - TELEPHONE PEDESTAL
 - FIBRE OPTIC PEDESTAL
 - IRRIGATION VALVE
 - IRRIGATION LINE
 - DOMESTIC WATER
 - TOP OF SLOPE
 - TOE OF SLOPE
 - ASPHALT SURFACE
 - GRAVEL SURFACE
 - GRASS AREA
 - ROCK
 - CLEARING LIMITS
 - FENCE
 - FEMA 100-YEAR FLOOD PLAIN BOUNDARY
 - FLOODWAY BOUNDARY (PER FEMA FIRM)
 - BORING LOCATION



- NOTES:**
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

- PROPOSED LEGEND:**
- BURIED PIPE
 - EXPOSED PIPE
 - BUTTERFLY VALVE
 - CHECK VALVE
 - GATE VALVE
 - METER
 - INTAKE SCREEN STRUCTURE
 - FENCE

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY



CASCADE ORCHARD IRRIGATION COMPANY



| REVISIONS | | | | |
|-----------|------|----|-------|-------------|
| REV | DATE | BY | APP'D | DESCRIPTION |
| | | | | |
| | | | | |
| | | | | |

DESIGNED BY: J. SEXTON
 DRAWN BY: T. GRIGA
 CHECKED BY: D. RICE
 APPROVED BY: D. RICE
 SCALE: AS NOTED
 DATE: NOVEMBER 6, 2023

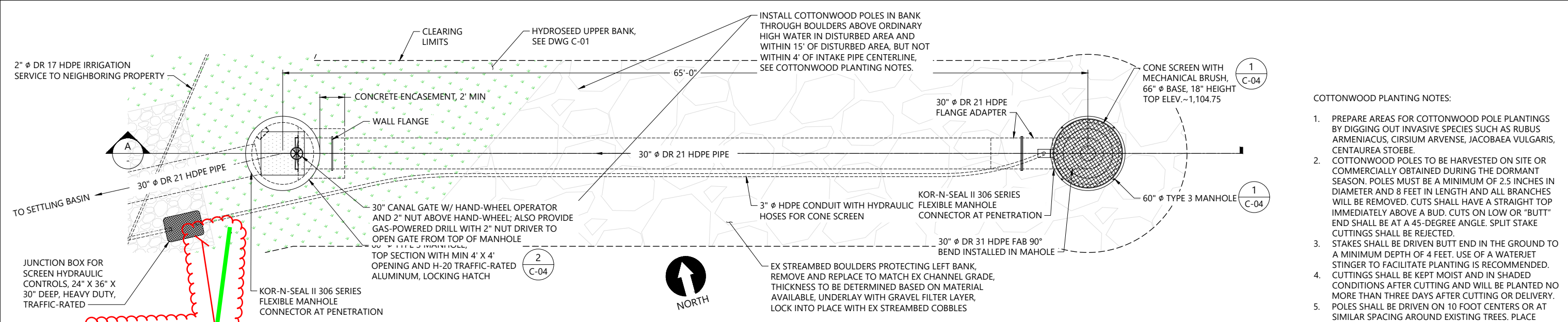
**CASCADE ORCHARD IRRIGATION COMPANY
 IMPROVEMENT PROJECT
 INTAKE AND PUMPING FACILITIES**

INTAKE AND PUMP STATION - SITE PLAN

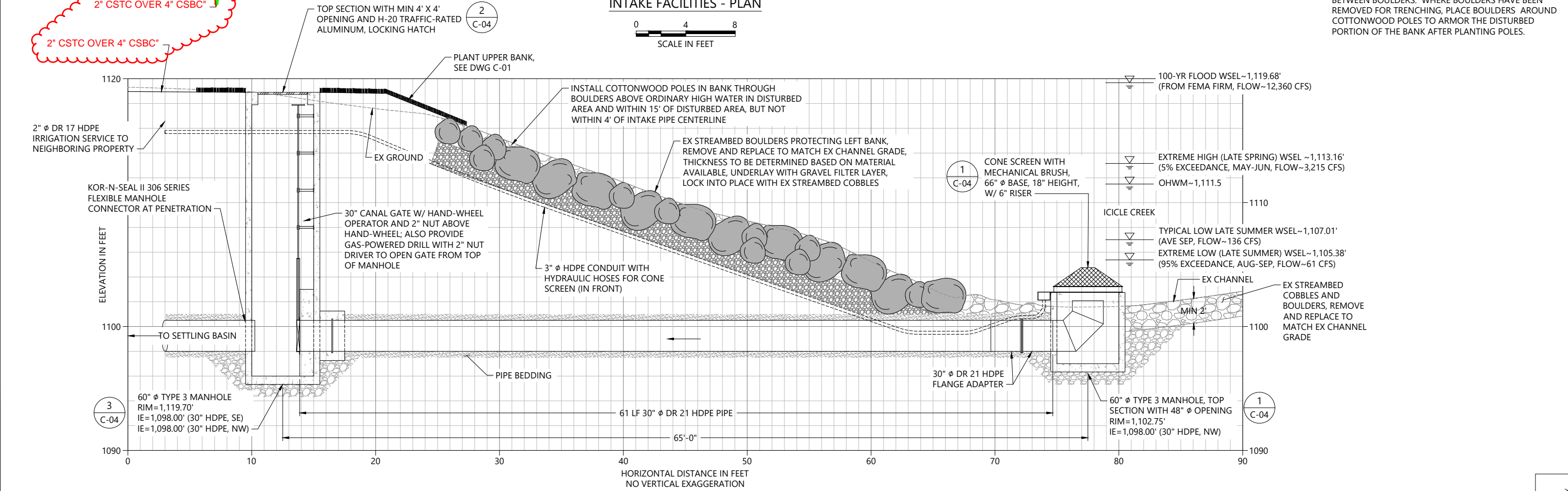
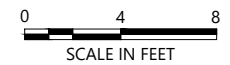
C-01

SHEET NO. 12 OF 45

Nov 06, 2023 1:41pm office K:\Projects\1019-Washington Water Trust\COIC Construction Plans\Bid Package - Intake of Pump Station\1019-C01 THRU C08- PUMP STATION.dwg C-03

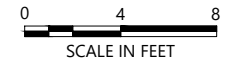


INTAKE FACILITIES - PLAN



INTAKE FACILITIES - SECTION

SCALE: 1" = 4'



- COTTONWOOD PLANTING NOTES:**
1. PREPARE AREAS FOR COTTONWOOD POLE PLANTINGS BY DIGGING OUT INVASIVE SPECIES SUCH AS RUBUS ARMENIACUS, CIRSIIUM ARVENSE, JACOBAEA VULGARIS, CENTAUREA STOEBE.
 2. COTTONWOOD POLES TO BE HARVESTED ON SITE OR COMMERCIALY OBTAINED DURING THE DORMANT SEASON. POLES MUST BE A MINIMUM OF 2.5 INCHES IN DIAMETER AND 8 FEET IN LENGTH AND ALL BRANCHES WILL BE REMOVED. CUTS SHALL HAVE A STRAIGHT TOP IMMEDIATELY ABOVE A BUD. CUTS ON LOW OR "BUTT" END SHALL BE AT A 45-DEGREE ANGLE. SPLIT STAKE CUTTINGS SHALL BE REJECTED.
 3. STAKES SHALL BE DRIVEN BUTT END IN THE GROUND TO A MINIMUM DEPTH OF 4 FEET. USE OF A WATERJET STINGER TO FACILITATE PLANTING IS RECOMMENDED.
 4. CUTTINGS SHALL BE KEPT MOIST AND IN SHADED CONDITIONS AFTER CUTTING AND WILL BE PLANTED NO MORE THAN THREE DAYS AFTER CUTTING OR DELIVERY.
 5. POLES SHALL BE DRIVEN ON 10 FOOT CENTERS OR AT SIMILAR SPACING AROUND EXISTING TREES. PLACE BETWEEN BOULDERS. WHERE BOULDERS HAVE BEEN REMOVED FOR TRENCHING, PLACE BOULDERS AROUND COTTONWOOD POLES TO ARMOR THE DISTURBED PORTION OF THE BANK AFTER PLANTING POLES.



CASCADE ORCHARD IRRIGATION COMPANY



| REVISIONS | | | | |
|-----------|------|----|-------|-------------|
| REV | DATE | BY | APP'D | DESCRIPTION |
| | | | | |
| | | | | |
| | | | | |

DESIGNED BY: J. SEXTON
 DRAWN BY: T. GRIGA
 CHECKED BY: D. RICE
 APPROVED BY: D. RICE
 SCALE: AS NOTED
 DATE: NOVEMBER 6, 2023

**CASCADE ORCHARD IRRIGATION COMPANY
IMPROVEMENT PROJECT
INTAKE AND PUMPING FACILITIES**

INTAKE - EQUIPMENT PLAN AND SECTION

C-03

SHEET NO. 14 OF 45

ONE INCH
 AT FULL SIZE, IF NOT ONE
 INCH SCALE ACCORDINGLY