

ADDENDUM NO. 1

November 12, 2018

224739

RE: **VILLAGE DISTRICT OF EIDELWEISS, MADISON, NH
WATER SYSTEM IMPROVEMENTS REINACH CAST-IN-PLACE
STORAGE TANK**

FROM: DuBOIS & KING, INC.
831 Union Ave., Suite 2
Laconia, NH 03246
(603) 524-1166

TO: **Prospective Bidders**

This Addendum forms part of the Contract Documents and modifies the original Bidding Documents issued by the Village District of Eidelweiss for the “Water System Improvements Reinach Cast-In-Place Storage Tank” Project. **Acknowledge receipt of this Addendum in the space provided on Page A-3.2 of the Bid Form. Failure to do so will subject the Bidder to disqualification.**

A. Pre-Bid Meeting/Questions

A Pre-Bid meeting was held at the Project Site on Tuesday November 6, 2018 at 10:00 a.m. Attendees are listed on the attached Pre-Bid Meeting Attendance Log. Nick Sceggell, P.E., of DuBois & King, Inc. described key elements of the project. A copy of the minutes is attached and incorporated into this Addendum.

B. Contract Documents (Specifications) Changes

1. Section C-3 – SPECIAL CONDITIONS

Delete Paragraph 3c and replace with:

- C. The owner will allow for a cost escalation factor to be applied to the total bid price. The cost escalation factor will be calculated based on three components, materials costs, fuel costs, and labor costs, beginning at the end of the 60 day bid holding period, and ending on the date of the Notice to Proceed. Materials cost will be based on purchase order documentation from the contractor. Fuel cost will be based on NHDOT Index applied to diesel fuel. Labor cost differences will be based on U.S. Dept. of Labor Wage Rates. Contractor shall provide schedule of values for materials, fuel, and labor costs prior to award.

2. Section A-3 – BID

Replace Section with Revised Bid Form attached.

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3. Section 01150 – MEASUREMENT & PAYMENT

Add a new paragraph 3.01 A 13

13. ROAD REPAIRS

Measure the unit weight, in tons, in place bituminous concrete pavement ordered by Engineer to repair district roads damaged due to normal construction traffic.

Payment shall be per ton placed. Include all work associated with sawcutting, subbase prep., compaction and complete repair of pavement area.

4. Section 01150 – MEASUREMENT & PAYMENT

Add a new paragraph 3.02 A 14

14. SCADA

No measurement required.

An allowance is provided herein for the cost from the Owner's SCADA provider for connection from the Pump Control Panel to the SCADA System. Contractor shall submit actual invoices from the SCADA provider.

5. Section 01150 – MEASUREMENT & PAYMENT

Add a new paragraph 3.02 A 15

15. DISTRIBUTION IMPROVEMENTS

No measurement required.

Payment shall be lump sum for distribution system improvements identified on Supplemental Drawing C-3, including cost for all pipes, valves, valve boxes and covers, fittings, adapters, excavation, bedding, installation, connections to existing piping, backfilling, compaction, unpaved surface restoration, disinfection, and testing. Rock excavation and disposal shall be paid for under pay item 9a – Trench Rock. Trench paving shall be paid for under pay item 13 – Road Repairs.

6. Section 02665 – WATER DISTRIBUTION SYSTEM

Add the following sentence to Paragraph 2.3 A

Pipe inside the booster station room shall be flanged ductile iron pipe.

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7. Section 02665 – WATER DISTRIBUTION SYSTEM

Add Paragraph 2.3 S

The check valve shall be of the swing check valve full body flanged type, with a domed access cover and only one moving part - the swing check valve disc. The valve body shall have full flow equal to nominal pipe diameter at any point through the valve. The top access port of the body shall be full size, allowing removal of the disc without removal of the valve from the pipeline. The cover shall be domed to create a flushing action around the disc when valve is open. The valve body and cover shall be ASTM A536 Grade 65-45-12, Class B Ductile Iron coated and lined with an ANSI/NSF61 approved fusion bonded epoxy coating. The valve shall be designed, manufactured, and tested in accordance with ANSI/AWWA Standard C508-09. The disc shall be raised one-piece Stainless Steel construction and equipped with a molded resilient seat mounted on the disc with an integral ring for drip tight sealing. Both seats shall be secured with stainless steel fasteners and must be field replaceable without removing the valve from the pipeline. The valve shall be Lever and Weight closing type. This valve shall be a Cla-Val 585 Swing Check Valve as supplied by Cla-Val, or approved equal.

8. Section 02665 – WATER DISTRIBUTION SYSTEM

Add Paragraph 2.3 T Gate Valve (non-buried):

Gate valves shall be Waterous, American Darling or equivalent with ductile iron body, non-rising stem and resilient seat. The valves shall meet requirements of the AWWA C515. Valves shall have flanged joints and gaskets and rated at 250 psig. The valve body and cover shall be lined with ANSI/AWWA C550 fusion bonded epoxy coating. Interior valves shall be equipped with hand wheel operators.

9. Section 16003 – DOMESTIC WATER BOOSTER PUMP STATION CONTROL SYSTEMS

Paragraph 4.7 SCADA Panel

Replace: “The Panel is to be provided by other ...” with “The Panel is to be provided and installed by the Contractor through the District’s SCADA Provider ...”

C. Plans (Drawings) Changes

1. Add Sheet C-3 – Distribution Improvements

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D. OTHER INFORMATION

1. BID DUE DATE IS REVISED TO: DECEMBER 4, 2018, 10:00 A.M.
2. Construction traffic within the district will be limited to attached route. Damage to roads along this route that is the result of normal construction traffic will be addressed with Pay Item 13 - Road Repairs. Damage along other district roads caused by contractor or subcontractor equipment is the responsibility of the Contractor.

Please ensure that you use the revised Bid Form that is attached to this Addendum when submitting your Bid. Only Bid Forms with the following label in the footer will be accepted:

REVISED - ADDENDUM NO. 1 – November 12, 2018

List of Attachments:

1. Pre-Bid Meeting Minutes
2. Revised Bid Form
3. Drawing C-3
4. Traffic Route

This document constitutes Addendum 1 for this project.



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ENGINEERING · PLANNING · MANAGEMENT · DEVELOPMENT

PRE-BID MEETING AGENDA AND MINUTES

PROJECT:	Reinach Cast in Place Water Storage
DATE & TIME:	11/6/18 10AM
LOCATION:	VDOE Office

MEETING MINUTES ARE INCORPORATED BELOW IN *ITALICS*

1. Introduction of Attendees, complete sign-in sheet

- A. Owner, owner representatives
- B. Engineer, DuBois & King representatives

A copy of the sign in sheet is attached.

2. Distribution/sale of Bid Documents

Dubois & King Website

<https://www.dubois-king.com/projects-bidding-active/>

3. Review of Bid Requirements

- A. Bid due date and place
 - i. Due 10:00am on ~~Tuesday, November 20, 2018~~ Tuesday December 4, 2018 at VDOE offices
 - ii. All Bidders (Prime Contractor or Contractor/Subcontractor teams) must demonstrate experience in potable water tank construction. See special conditions.
 - iii. No withdraw of bids within 60-days of opening
 - iv. Items required at Bid:
 - 1. Bid Form and Bond (5% of Base Bid amount)
 - 2. List of prime contractor and subcontractor, and the area of work each team member
 - 3. Qualifications Package
 - 4. Federal Compliance Documents
- B. Addenda's to be issued, deadline for questions
 - i. Last Day of Questions – Wednesday, November 14, 2018 was discussed at the meeting However, in consideration of the Bid Extension, the deadline is moved to November 30,2018 for questions.
 - 1. Questions to be provided in writing to DuBois & King is preferred
 - 2. Answers will be provided only by DuBois & King via Addendum(s)
 - 3. Addendum(s) will be submitted only by DuBois & King via website/email
 - 4. Request that receipt of acknowledgement of email is requested.
 - 5. Acknowledge addenda on bid form.
- C. Successful Bidder
 - i. See Special Conditions - Notice of Award and Project Schedule
 - ii. Items required by the Successful Bidder at Pre-Construction Meeting
 - 1. 100% Performance Bond and separate 100% Payment Bond
 - 2. Insurance – include VDOE and DuBois & King, Inc.
 - 3. Executed Agreement

A discussion on cost escalation factor identified concerns with using a national average of mixed materials to address cost changes (ENR Index). Clarification provided in Addenda #1, Item B1.

4. Funding Source – NHDES DWSRF

- A. Review contract documents for federal requirements.
- B. Engineer reviewed Deduct Alternate No. 3. Contractor must justify deduct through schedule of

values.

5. General Overview of Project, Construction Items and Tasks

- A. Base Bid
- B. Add/Alternate No. 1
- C. Add/Alternate No. 2
- D. Add/Alternative No. 3

6. Review of Special Conditions (Specification Section C-3)

7. Review of Contract Requirements

- A. Construction Schedule: Start date
- B. Contract Days:
 - i. Base Bid: 120 days (substantial) and 135 days (final) from NTP

Engineer identified that there would be some period of time between Agreement and NTP, this could allow for submittals prior to NTP.

8. Review of Permits

- A. Permits obtained (or to be obtained) by Owner
- B. Permits to be obtained by Contractor

No permits have been identified for Owner or Contractor.

9. Review Use of Site by Owner and Contractor

- A. Owner's requirements
- B. Contractor Designated area(s)

The road is a dead end and should provide adequate parking. The area immediately in front of the existing water storage tank building should be clear for access by the Owner. The class VI road can be used by the contractor to access the site. Contractor is responsible for safety.

10. Review of Temporary Utilities provided by Contractor

Any utilities needed to perform the work are responsibility of the Contractor.

11. Review Procedures for Testing (Contractor responsible)

Reviewed supplemental conditions Item 7.

12. Questions and Answers

The following questions were reviewed at the meeting.

*For Item 12D which stone spec are we pricing out under this item; ¾" Stone or 1½" Stone?
Use 1 ½" stone for pricing this item.*

*There is reference and details for chain-link fencing but I have been unable to locate where it is called out on the plans. Can you please direct me where I can find the location of the new fencing?
The chain link fence is at the top of the retaining wall on both sides, and on the tank above the door.*

In the General Notes on Sheet G1 there is reference under note 2 that the contractor will be responsible for damaged areas from our work outside the limit of work. Given the condition of some of the roads leading to

Reinach, will this hold true for all roads within Eidelweiss that are used to access the site throughout construction?

See addendum #1, Items B2 and B3 are intended to address concerns about damage to paved roadways. Unpaved surface restoration will remain subsidiary to other pay items.

Under which item should loaming, erosion control blankets and seeding be carried? I see it under the demo items but I didn't know where to include it for the slope work on the new tanks. This work is subsidiary to Item #4, Suitable Earthen Fill at Tank Site.

Is it possible to break apart Item 11 Miscellaneous Earth Excavation into an unsuitable excavation and a test pit excavation? Those are 2 vastly different operations in terms of means and methods and consequently price per cubic yard.

The item is likely to represent test pit efforts. Unsuitable organic materials are not anticipated and if encountered onsite can be disposed of within the project area.

13. Adjourn from Office

14. Site visit

During the site visit, the following was discussed:

SCADA – The Owner would like to incorporate the SCADA work into the contract and bid. See Addendum #1, Item B2 and B4 are intended to address SCADA work.

*Tank Sealant Question – Are there sealants applied to the concrete?
No. There are no specified sealants.*

Distribution System work – There was a discussion about possibly including the distribution improvements associated with the Reinach high pressure zone. See Addendum #1, Item B2 and B5 are intended to address distribution system work.

BID

Proposal of _____ (hereinafter called "BIDDER"), organized and existing under the laws of the State of _____ doing business as _____
(Corporation, Partnership, Individual)

To the Village District of Edelweiss (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK For the construction of Water System Improvements – Reinach Cast-in-Place Storage Tank in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto certifies as to his own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to the BID with any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or before a date to be specified in the NOTICE TO PROCEED and to complete the PROJECT within:

120 consecutive calendar days for substantial completion.

135 consecutive calendar days for final completion.

Liquidated damages will be in the amount of \$ 750.00 for each calendar day of delay from the date established for substantial completion and \$ 750.00 for each calendar day of delay from the date established for final completion, as provided in Section 18 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

1

The Bidder shall state below what works of a similar character to that of the proposed contract he has performed, and provide such references as will enable the Owner to judge his experience, skill, and business standing.

All questions must be answered and the data given must be clear and comprehensive. This statement must be notarized. If necessary, add separate sheets.

1. Name of Bidder.
2. Permanent Main Office address.
3. When organized?
4. Where incorporated?
5. Is bidder registered with the Secretary of the State to do business in New Hampshire?
6. For how many years has your firm engaged in the contracting business under its present name? Also state names and dates of previous firm names, if any.
7. Contracts on hand. (Schedule these, showing gross amount of each contract and the approximate anticipated dates of completion.)
8. General character of work performed by your company.
9. Have you ever failed to complete any work awarded you in the scheduled contract time, including approved time extensions? ___(Yes) ___(No).
If so, where and why?
10. Have you ever defaulted on a contract? ___(Yes) ___(No).
If so, where and why?
11. Have you ever had liquidated damages assessed on a contract? _____(Yes) _____(No).
If so, where and why?
12. List the more important contracts recently executed by your company, stating approximate cost for each, and the month and year completed.
13. List your major equipment available for this contract.

14. List your key personnel such as Project Superintendent and foreman available for this contract.
15. List any subcontractors whom you would expect to use for the following (unless this work is to be done by your own organization):
 - a. Concrete Work
 - b. Utility Installation
 - c. Other work
16. With what banks do you conduct business?

Do you grant the Engineer permission to contact this (these) institutions? ___(Yes) ___(No)

NOTE: Bidders may be required to furnish their latest financial statement as part of the award process.

Respectfully submitted:

_____	_____
Signature	Address
_____	_____
Title	Date

_____ Being duly sworn, deposes and says that he is

_____ of _____
(Name of Organization)

and that the answers to the foregoing questions and all statements contained therein are true and correct.

Sworn to before me this _____ day of _____, 20 _____

Notary Public

My commission expires _____

(Seal - If BID is by Corporation)

ATTEST: _____

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum:

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

BID SCHEDULE

BASIS OF BID

1.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

=====

Item No.	Brief Description - Unit or Lump Sum Price (in both words and numerals)	Estimated Quantity	Total Price j (in numerals)
1.	<u>Mobilization, per lump sum;</u> _____ Dollars and _____ Cents (\$ _____)	1 L.S.	\$ _____
2.	<u>Clearing and Grubbing, per lump sum;</u> _____ Dollars and _____ Cents (\$ _____)	1 L.S.	\$ _____
3.	<u>Cast-in-Place Concrete Tank, per lump sum;</u> _____ Dollars and _____ Cents (\$ _____)	1 L.S.	\$ _____
4.	<u>Suitable Earthen fill at Tank Site, per lump sum;</u> _____ Dollars and _____ Cents (\$ _____)	1 L.S.	\$ _____
5.	<u>Additional Structural Fill at Tank Site, per cubic yard;</u> _____ Dollars and _____ Cents (\$ _____)	250 * C.Y.	\$ _____
6.	<u>Pump Room Electrical Service, per allowance;</u> Five thousand _____ Dollars and zero _____ Cents (\$ 5,000.00)	1 ALLOW	\$ 5,000.00

Item No.	Brief Description - Unit or Lump Sum Price (in both words and numerals)	Estimated Quantity	Total Price j (in numerals)
7.	<u>Exterior Piping and Valves, per lump sum;</u>		
	_____ Dollars and _____ Cents (\$_____)	1 L.S.	\$ _____
8.	<u>Additional Trench Insulation, per square foot;</u>		
	_____ Dollars and _____ Cents (\$_____)	500 * S.F.	\$ _____
9.	<u>Rock Excavation and Disposal</u>		
9a	<u>Trench Rock, per cubic yard;</u>		
	_____ Dollars and _____ Cents (\$_____)	100 * C.Y.	\$ _____
9b	<u>Non-Trench Rock, per cubic yard;</u>		
	_____ Dollars and _____ Cents (\$_____)	100 * C.Y.	\$ _____
10.	<u>Pre-Engineered Segmental Retaining Walls, per lump sum;</u>		
	_____ Dollars and _____ Cents (\$_____)	1 L.S.	\$ _____
11.	<u>Miscellaneous Earth Excavation, per cubic yard;</u>		
	_____ Dollars and _____ Cents (\$_____)	100 * C.Y.	\$ _____

Item No.	Brief Description - Unit or Lump Sum Price (in both words and numerals)	Estimated Quantity	Total Price φ (in numerals)
12.	<u>Granular and Stone Materials</u>		
12a	<u>Sand, per cubic yard;</u>		
	_____ Dollars and	50 *	
	_____ Cents (\$ _____)	C.Y.	\$ _____
12b	<u>Bank Run Gravel, per cubic yard;</u>		
	_____ Dollars and	50 *	
	_____ Cents (\$ _____)	C.Y.	\$ _____
12c	<u>Crushed Gravel, per cubic yard;</u>		
	_____ Dollars and	50 *	
	_____ Cents (\$ _____)	C.Y.	\$ _____
12d	<u>Crushed Stone, per cubic yard;</u>		
	_____ Dollars and	50 *	
	_____ Cents (\$ _____)	C.Y.	\$ _____
13.	<u>Road Repairs, per ton of bituminous pavement;</u>		
	_____ Dollars and	100*	
	_____ Cents (\$ _____)	TONS	\$ _____
14.	<u>SCADA, per allowance;</u>		
	Thirty-Five thousand _____ Dollars and	1	
	zero _____ Cents (\$ 35,000.00 _____)	ALLOW	\$ 35,000.00

Item No.	Brief Description - Unit or Lump Sum Price (in both words and numerals)	Estimated Quantity	Total Price j (in numerals)
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15. **Distribution Improvements, per lump sum;**

_____ Dollars and 1 L.S.
 _____ Cents (\$ _____) \$ _____

Total of Lump Sum and Unit Price Bids = Total Bid Price j \$ _____
 _____ Dollars and _____ Cents

Bid Alternates

Bid Alternate 1: Abandon Existing Tanks in Place, per lump sum;

_____ Dollars and 1 L.S.
 _____ Cents (\$ _____) \$ _____

Bid Alternate 2: Remove Existing Tanks, per lump sum;

_____ Dollars and 1 L.S.
 _____ Cents (\$ _____) \$ _____

Bid Deduct Alternate 3: Modified Price for Non-Federal Funding, per lump sum;

_____ Dollars and 1 L.S.
 _____ Cents (\$ _____) \$ _____

Notes:

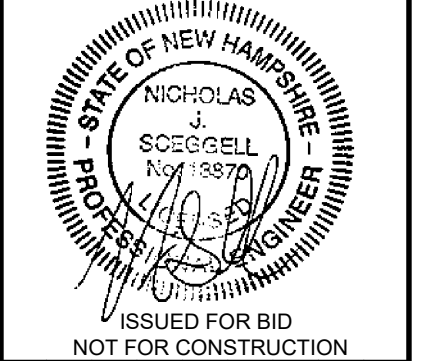
1. Bidder acknowledges that (a) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (b) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.
2. Unit Prices have been computed in accordance with Paragraph 13.03.B of the General Conditions.
3. In the event that there is a discrepancy between the lump sum or unit prices written in words and figures, the prices written in words shall govern.
4. BIDDERS must bid on each item. All entries in the entire BID must be made clearly and in ink; prices bid must be written in both words and figures.
5. Bidders should insert extended item prices obtained from quantities and unit prices.
6. Bids shall include all applicable taxes and fees.
7. Owner reserves the right to award a contract based upon any combination of Base Bid and Bid Alternates as Owner chooses.

Φ – For informational comparison only.

* - Indeterminate, Quantity assumed for comparison bids

The BIDDER hereby certifies, by checking the boxes below, that the following documents are included with this bid proposal

- DBE Subcontractor Utilization Form (EPA Form 6100-4)
- DBE Subcontractor Performance Forms (EPA Form 6100-3) **Submit one form for each DBE subcontractor**
- Bidder's **American Iron and Steel** acknowledgement



NO.	DATE	DESCRIPTION	BY	CK'D

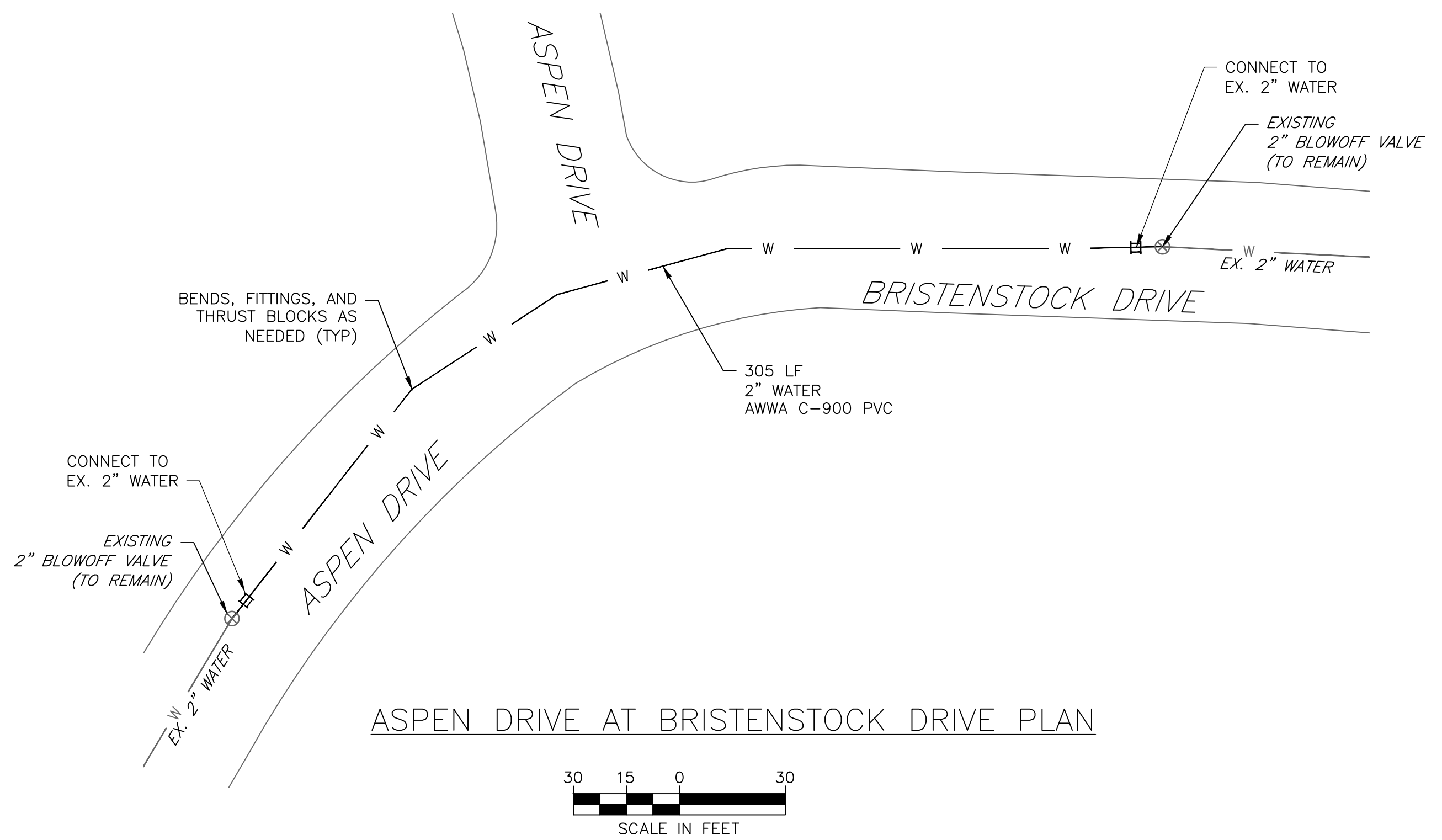
VILLAGE DISTRICT
OF EIDELWEISS
1680 MH-113
MADISON, NH

REINACH
CAST-IN-PLACE
STORAGE TANK

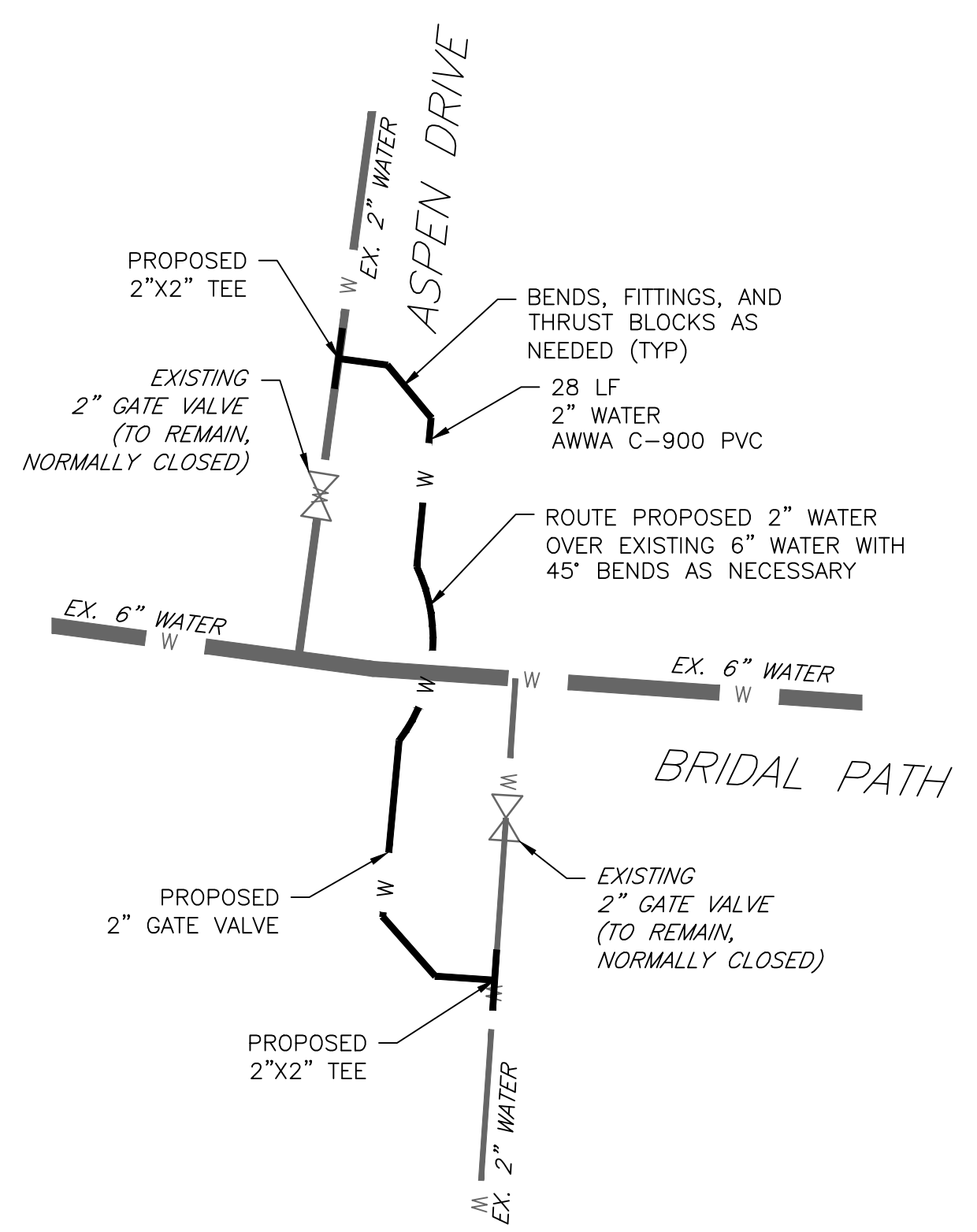
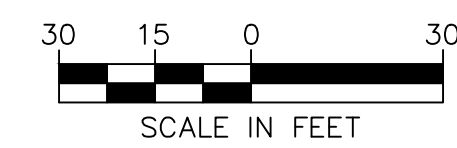
SHEET TITLE
**DISTRIBUTION
IMPROVEMENTS**

DRAWN BY TMG	DATE OCT 2018
CHECKED BY CKG	D&K PROJECT # 224739
PROJ. ENG. NJS	D&K ARCHIVE #

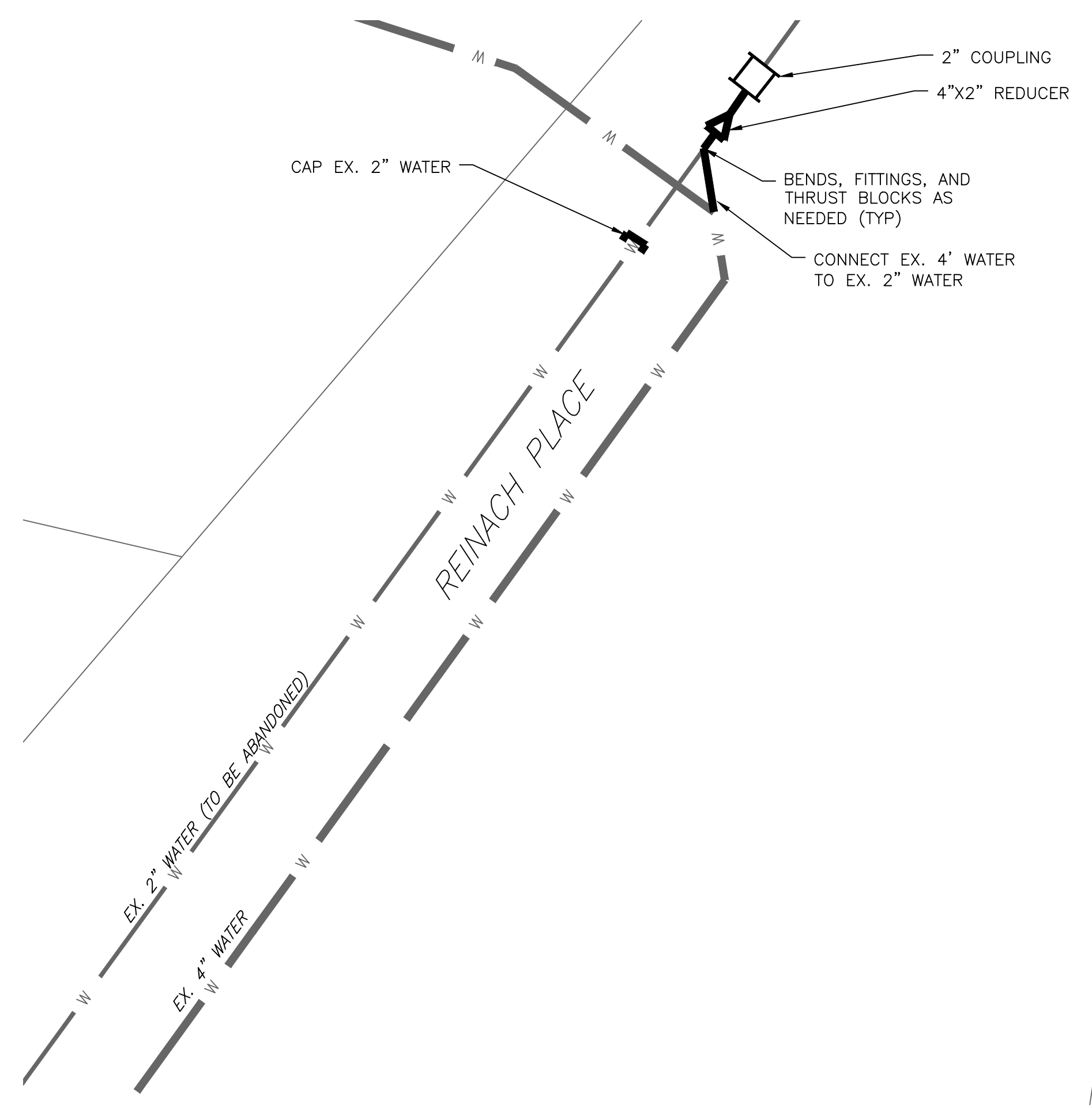
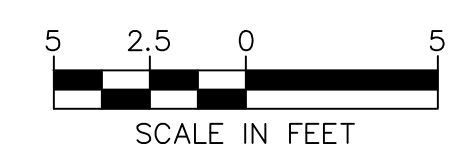
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C-3
SHEET 14 OF 13



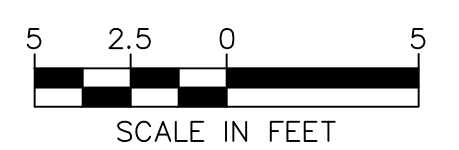
ASPEN DRIVE AT BRISTENSTOCK DRIVE PLAN



BRIDAL PATH AT ASPEN DRIVE PLAN



REINACH PLACE AT BOOSTER ACCESS DRIVE PLAN



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TRUCK ACCESS ROUTE

VDOE - Water System Improvements Reinach
Cast -In-Place Storage Tank - Addendum 1