

ADDENDUM NO. 2
DATED January 27th, 2021
TOWN OF WOLFEBORO, NEW HAMPSHIRE
RAPID INFILTRATION BASIN SITE REMEDIATION

The following changes and information are hereby incorporated into the Contract Documents (Project Manual and Drawings):

CONTRACT DOCUMENTS:

Changes to Section A - Bidding Requirements:

- 1. Division A, Page A-1.1:** Delete the words “Separate sealed BIDS for the construction of: Rapid Infiltration Basin (RIB) Site Remediation will be received by TOWN OF WOLFEBORO at the office of WOLFEBORO TOWN HALL until 2:00 PM. Local Time on Tuesday, February 2nd, 2021 and then at said office publicly opened and read aloud.” and replace them with “Separate sealed BIDS for the construction of: Rapid Infiltration Basin (RIB) Site Remediation will be received by TOWN OF WOLFEBORO at the office of FINANCE DEPARTMENT until 2:00 PM. Local Time on Tuesday, February 2nd, 2021 and then at said office publicly opened and read aloud.”
- 2. Division A, Information to Bidders, SRF Contracts Only, Page A-2.6:** Add the following text:

PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT:

This term and condition implements 2 CFR 200.216 and is effective for obligations and expenditures of EPA financial assistance funding on or after 8/13/2020. Bidders/contractors and their subcontractors must comply with the above provision when procuring or obtaining equipment, services, or systems that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

Bidders shall refer to **PART D - PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT** for additional information on procuring or obtaining equipment, services, or systems using covered telecommunications equipment or services.

- 3. Division D, Page D-1.1, Pertinent Federal Acts and Provisions:** Add the following text:

“The Contractor shall comply with prohibition on certain telecommunications and video surveillance services or equipment. This term and condition implements 2 CFR 200.216 and is effective for obligations and expenditures of EPA financial assistance funding on or after 8/13/2020. As required by 2 CFR 200.216, EPA recipients and subrecipients, including borrowers under EPA funded revolving loan fund programs, are prohibited from obligating or expending loan or grant funds to procure or obtain; extend or renew a contract to procure or obtain; or enter into a contract (or extend or renew a contract) to

procure or obtain equipment, services, or systems that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115-232, section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities). Recipients, subrecipients, and borrowers also may not use EPA funds to purchase:

- a. For the purpose of public safety, security of government facilities, physical security surveillance of critical Page 4 of 29 infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
- b. Telecommunications or video surveillance services provided by such entities or using such equipment.
- c. Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

Consistent with 2 CFR 200.471, costs incurred for telecommunications and video surveillance services or equipment such as phones, internet, video surveillance, and cloud servers are allowable except for the following circumstances:

- a. Obligating or expending EPA funds for covered telecommunications and video surveillance services or equipment or services as described in 2 CFR 200.216 to:
 - (1) Procure or obtain, extend or renew a contract to procure or obtain;
 - (2) Enter into a contract (or extend or renew a contract) to procure; or
 - (3) Obtain the equipment, services, or systems. Certain prohibited equipment, systems, or services, including equipment, systems, or services produced or provided by entities identified in section 889, are recorded in the [System for Award Management](#) exclusion list.”

4. **Division D:** Delete the Wage Rate Decision dated 1/3/2020 and replace with the attached Wage Rate Decision dated 1/1/2021.
5. Due to the COVID-19 pandemic the bid opening will be limited to **ONLY** the **OWNER** and **ENGINEER**. The opening of the bids shall be **REPLACED** by being broadcasted live via Go-To-Meeting. Anyone wishing to participate shall open the link below on their computer at the day and time indicated above to join the meeting. The opening will also be recorded with a link to it posted on the OWNERS website. **Note:** Bidders are still allowed to hand deliver bids in a sealed envelope (marked with BID for Rapid Infiltration Basin Site Remediation) at the **FINANCE DEPARTMENT**. Bidders may also wait in

their vehicles in the parking lot where the bids will also be opened to receive a preliminary, un-reviewed copy of the bid results at opening.

<https://www.gotomeet.me/UnderwoodEngineers/wolfebororibbidopen>

Or you can dial in using your phone +1 (571) 317-3112 using Access Code 183-976-917.

TECHNICAL SPECIFICATIONS:

Changes to Specifications:

- 1. Specification Section 01000, Item 7. Time of Work:** Delete the time “3:30PM” and replace it with “5:00PM.” Add the words “Work hours may be extended by written request to the Owner.”
- 2. Specification Section 01000, Item 10. Sheet piling and Dewatering:** Add the words “Contractor shall submit plans for excavation, sheet piling and dewatering and maintaining groundwater levels below the excavation(s) for review by the Engineer prior to the commencement of construction. The Contractor’s submittal shall specifically address how/where the dewatering flow streams(s) will be discharged. If the dewatering flow stream is to be discharged directly to a surface water, a NPDES General Permit For Construction Dewatering Activity will need to be obtained by the Contractor prior to commencing dewatering operations. Contact Shelley Puleo at EPA Region 1 at (617) 918-1545.”
- 3. Specification Section 02369, Paragraph 2.1C:** Add the words “The interior walls of the sheet-piling shall be sandblasted if not in near new condition.”

DRAWINGS:

Changes to Drawings:

- 1. Drawing C11:** Delete the existing C11 Drawing and replace it with the attached C11 Drawing. Add details shown on the attached Figure 1.

ADDITIONAL INFORMATION:

- 1) Attached are the minutes from the Pre-bid Meeting held on January 19, 2021.
- 2) Questions raised during and after the Pre-bid Meeting with the corresponding answers can be seen below.
- 3) **Drawing C4, Proposed Transmission Line 3:** To limit excavation, it is acceptable to install the pipe more shallow with a drop inlet at Weir Manhole No. 3 on Proposed Transmission Line 3.
- 4) During installation of Engineered Natural Solution (ENS) systems, stream diversion shall be accomplished by diverting flow behind the sheet piling to be installed part way across the stream.

- 5) Contractors shall note that a Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity shall be submitted as per **Specification Section 02540**.
- 6) During the Western Seep Wetlands Restoration, the only fill material to be imported is loam. All other fill material required is to come from on site. Contractors shall refer to the General Notes on **Drawing C23** for earth fill requirements.

QUESTIONS AND ANSWERS:

Q1: Is the basis of award the “Base Bid” without Alternate?

A1: The apparent low bidder will be determined based upon the lowest price bid for the summation of bid items 1, 3, and the lower of either item 2A or item 2B. See Bid Condition 3. On Page A-3.5.

Q2: Can discharge from engineered dewatering systems be sent directly overland to Nineteen Mile Brook?

A2: Dewatering flows should be pumped to silt bags located in uplands with proper containment and protections against erosion. If the Contractor wishes to discharge to Nineteen Mile Brook, refer to Specification Section 01000, Item 10, as revised by Addendum No. 2.

Q3: Is a Federal Water Discharge Permit required for dewatering and discharge to Nineteen Mile Brook?

A3: See answer to Question 2.

Q4: Are Contractor’s allowed to pump groundwater into the existing system or over the existing ground?

A4: No, Contractors are not allowed to pump groundwater into the existing system or over the existing ground. See answer to Question 2.

Q5: Can water be pumped from the existing manholes to use for drilling wells?

A5: No, the Contractor/Drilling Subcontractor must provide a water source when drilling wells.

Q6: What are the requirements of the Subcontractor Performance Form?

A6: The Subcontractor Performance Form must be sent to DBE subcontractors that the Contractor contacts when soliciting bids. The Contractor does not have to use the DBE if their pricing is higher, but they must reach out to DBE’s as a good faith effort to solicit bids. If the DBE does not respond, the Contractor must submit the signed Subcontractor Performance Form as proof that they attempted to acquire bids from the DBE.

Q7: Is it acceptable to realign and use a drop inlet manhole to limit excavation when installing Proposed Transmission 3 at Cut-off Trench No. 6?

A7: Yes, it is acceptable for the Contractor to install a drop inlet at Weir Manhole No. 3 to limit excavation.

Q8: On Drawing C11, does the proposed Western Flow Control Structure have a concrete wall running parallel to the plexiglass discharge plate?

A8: No, there is not a concrete wall running parallel with the plexiglass discharge plate. There are two 3” thick concrete divider walls and the plexiglass discharge plate is supported by 2”x4” timber and mounted via metal frames and brackets. Photographs 11 & 12 in the Pre-bid Minutes show the existing flow control structure.

Q9: On Drawing C11, do the 3” thick concrete divider walls in the proposed Western Flow Control Structure get poured in place after installation of the concrete chamber, or in the precast plant prior to shipment?

A9: It is the Contractor’s choice whether the 3” thick divider walls are formed and poured onsite or included with the precast structure.

Q10: What is the correct slope seed mixture to use?

A10: Please use slope seed mixture type 45 as specified on Drawing C23.

Q11: What is the grade at which we should use Crownvetch?

A11: The Contractor shall assume Crownvetch shall be used on slopes of 3:1 or steeper.

Q12: What is the soil composition of the Graded Media Filter?

A12: For the graded media filter alternate, the Contractor shall adhere to the gradation table on Drawing C10 and as specified in Specification Section 02229.

Q13: How deep is the groundwater monitoring well indicated on Drawing C20?

A13: The monitoring well indicated on Drawing C20 is MW-108. Top of PVC El. is 565.72. Ground Elevation at well is 563.0. Bottom of well is el. 548.5.

Q14: Is there fill on-site that is available for the Contractor to use?

A14: Yes, the Contractor can use the stockpile in the location of the proposed staging area, which has an estimated volume of 1,250 CY. There is also an existing stockpile from the original construction of the Rapid Infiltration Basins on-site that the Contractor can take from on the east side of the site. If the Contractor chooses to use this stockpile, the final slope left behind after excavation shall not exceed 6:1.

Q15: Can you provide additional details for planted waddles shown on Drawing C5?

A15: For the purpose of developing a price, the Contractor shall assume 6-inch willows planted at 20-foot spacing parallel to the hillside.

Q16: Can you provide additional details for the rigid insulation, and should all transmission lines have rigid insulation?

A16: Rigid insulation shall be 2 layers of 4-inch thick total by minimum 4-foot wide polystyrene. Rigid insulation shall be installed on pipelines with less than 4-feet of coverage.

Q17: Are the terms “piezometer” and “groundwater observation well” used interchangeably?

A17: No, the piezometers are called out to be installed at each Engineered Natural Solution (ENS) system and installation details are called out in Notes 1 & 2 on Drawing C2. Groundwater observation wells are proposed to be installed uphill and downhill of each new cut-off trench. Depths of the groundwater observation wells shall be a minimum of 2-feet below the bottom of the cut-off trench. See Detail on Drawing C11.

Q18: Should all areas receiving embankment fill receive geogrid spacing at 2-foot vertical spacing, or just the fill that is used for access to Cut-off Trench #4?

A18: The geogrid at 2-foot vertical spacing is only required in the lower slope between Cut-off Trench #4 and Cut-off Trench #5.

Q19: Can a bid extension be provided?

A19: A bid extension will not be provided.

Q20: Can a unit price bid item for ledge/rock excavation be added to the bid form?

A20: A unit price bid item for ledge/rock excavation will not be added.

Q21: Is there a detail for the flow distribution chambers? Could this structure be upsized to a 4-foot diameter structure?

A21: The flow distribution chambers are noted as 3-foot diameter manholes with perforated riser sections and installed with an open bottom. Upsizing to a 4-foot diameter structure is not acceptable. Contractors shall note that the structure for ENS #3 is existing.

Q22: Is the 7/8” stone fill call out correct on the ENS details?

A22: Yes, the 7/8” stone is correct for the stone surrounding the flow distribution chambers.

UNDERWOOD ENGINEERS, INC.

David J. Mercier, P.E.
Senior Project Manager



Dated January 27th, 2021

ACKNOWLEDGEMENT

In order to acknowledge this addendum, please fill out the below noted information and fax this page upon receipt to (603) 230-9899 or email to concord@underwoodengineers.com.

Receipt of this Addendum No. 1 (26 pages) is acknowledged:

Signature

Date

Name (printed)

Company

"General Decision Number: NH20210027 01/01/2021

Superseded General Decision Number: NH20200027

State: New Hampshire

Construction Type: Heavy

County: Carroll County in New Hampshire.

HEAVY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.95 for calendar year 2021 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.95 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2021. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/01/2021

SUNH2015-013 06/16/2017

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 22.50	3.32
CEMENT MASON/CONCRETE FINISHER...	\$ 16.00	3.04
IRONWORKER, REINFORCING.....	\$ 22.02	0.00
LABORER: Common or General.....	\$ 17.37	4.24
LABORER: Landscape.....	\$ 16.01	8.96
LABORER: Pipelayer.....	\$ 18.81	2.82

OPERATOR:		
Backhoe/Excavator/Trackhoe.....	\$ 24.74	5.90
OPERATOR: Drill.....	\$ 21.00	9.10
OPERATOR: Loader.....	\$ 19.00	2.53
PIPEFITTER.....	\$ 27.68	0.00
TRUCK DRIVER: Dump Truck.....	\$ 16.89	1.66

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number

where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour

Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

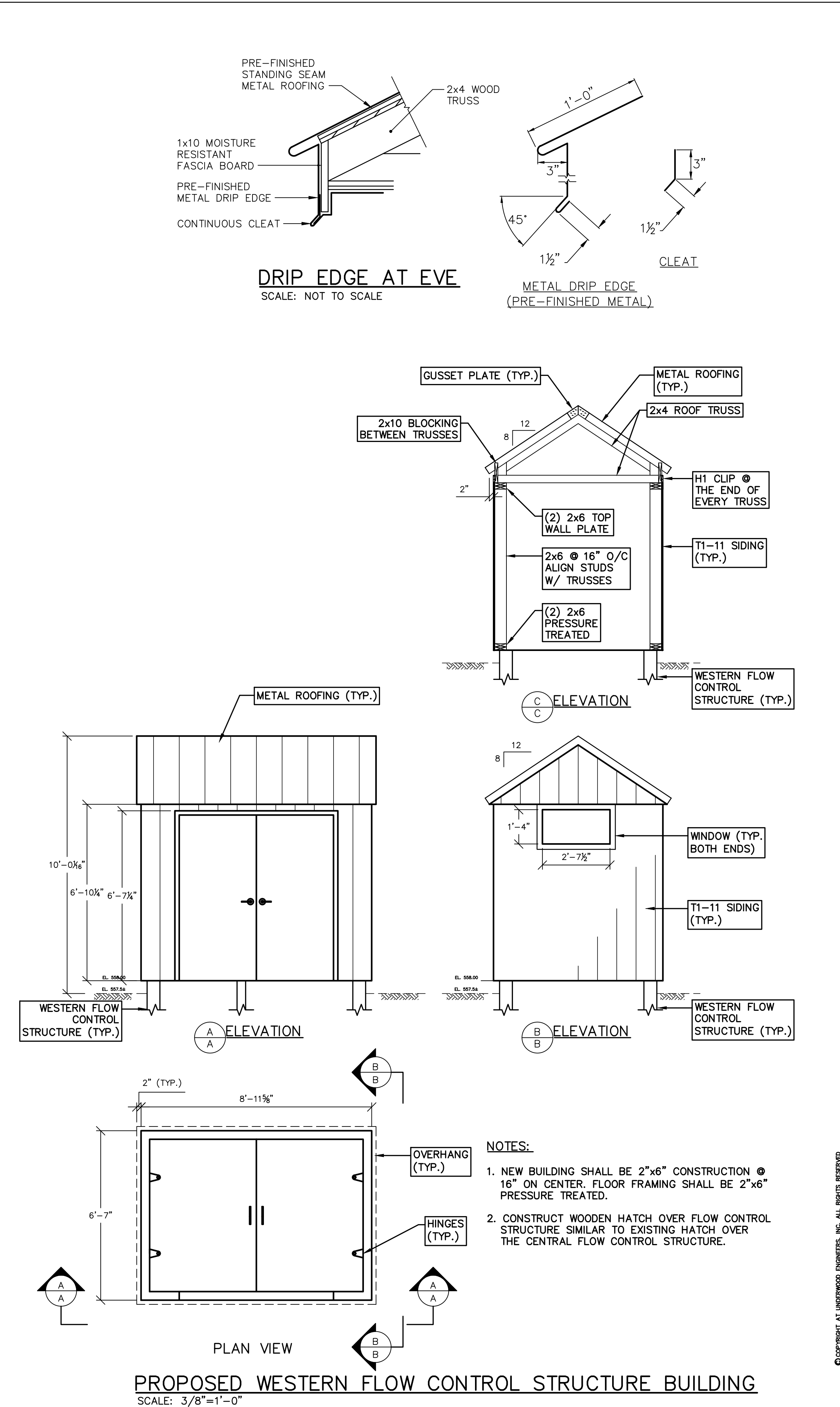
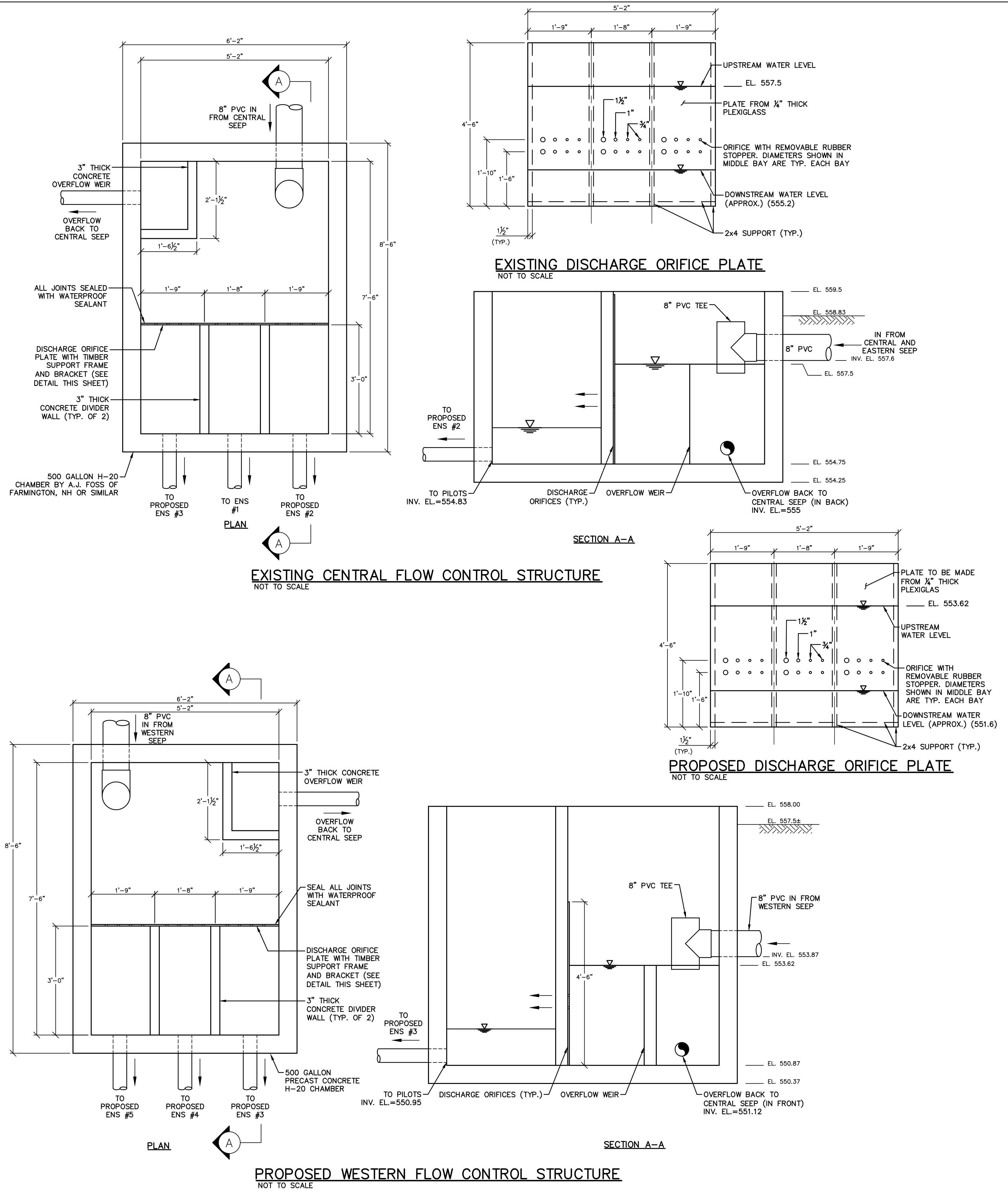
Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

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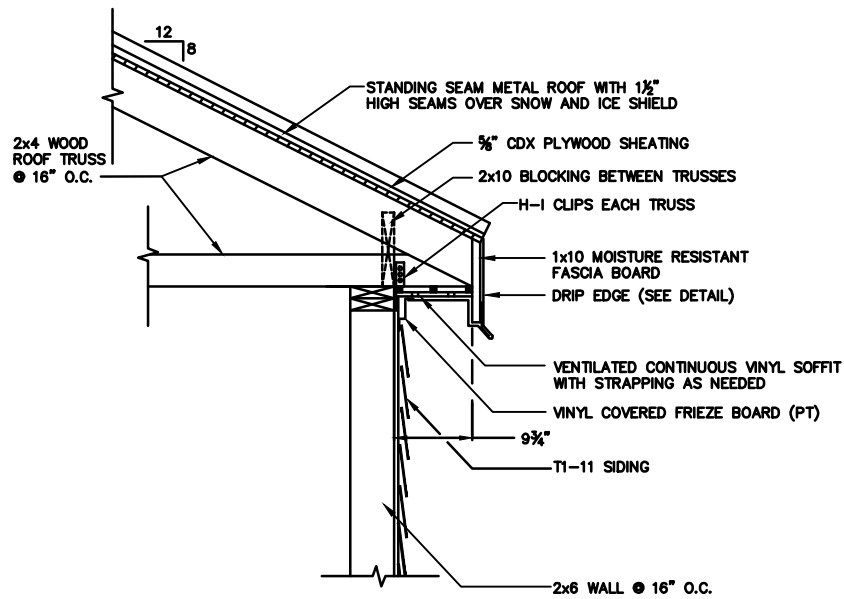


ISSUE FOR APPROVAL		By	
Date	10/28/2020	DM	DM
CONSTRUCTION		By	
Date	11/30/2020	DM	DM
RECORD DRAWING		By	
Date	11/30/2020	DM	DM
REVISIONS		APP'D	
NO.		NO.	
Drawn/Chk.	HAV	Scale	AS SHOWN
Designed	DCJ		
Checked	DM		
Approved	DM		
Date	11/30/2020		
Book No.	2484		
Project No.	2484STRUCT		
Dwg. ID	AS SHOWN		

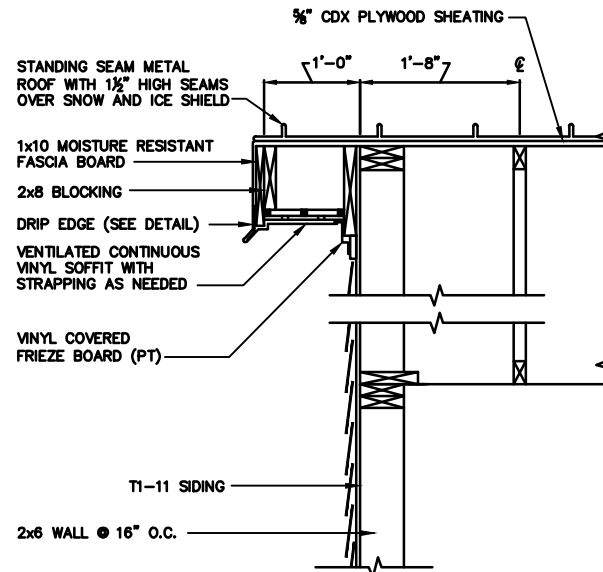
UNDERWOOD
engineers

99 North State Street, Concord, N.H. 03301
Tel. 603-250-9896 Fax. 603-250-9899

FLOW CONTROL STRUCTURE DETAILS	
RIB SITE REMEDIATION	
TOWN OF WOLFEBORO	
WOLFEBORO, NEW HAMPSHIRE	
DWG NO	C11
SHEET	13 OF 25



SOFFIT DETAIL
SCALE: 1/2"=1'-0"



GABLE END DETAIL
SCALE: 1/2"=1'-0"

DATE
1/27/2021

PROJECT
2484



99 North State Street, Concord, N.H. 03301
Tel. 603-230-9898 Fax. 603-230-9899

FLOW CONTROL
STRUCTURE BUILDING DETAILS
TOWN OF WOLFEBORO
WOLFEBORO, NEW HAMPSHIRE

FIG.

1

**TOWN OF WOLFEBORO
WOLFEBORO, NEW HAMPSHIRE**

**RAPID INFILTRATION BASIN SITE REMEDIATION
Pre-Bid Meeting Minutes January 19th, 2021 @ 10:00 AM**

ATTENDEES

Due to the COVID-19 pandemic the pre-bid meeting will take place on a video pre-bid conference held via Go-To-Meeting on **January 19th, 2021 at 10:00 AM**. Anyone wishing to participate shall open the link below on their computer at the day and time indicated above to join the meeting:

<https://www.gotomeet.me/UnderwoodEngineers/wolfebororibprebid>

Or you can dial in using your phone +1 (312) 757-3121 using Access Code 476-453-965.

This document serves as additional information for the project and will constitute the agenda for talking points during the video pre-bid meeting.

<u>Name</u>	<u>Company</u>
David Ford	Town of Wolfeboro
David Mercier	Underwood Engineers
Daniel Jacobson	Underwood Engineers
Shannon Larocque	NHDES
David Cloutier	NHDES
Chris Norman	SumCo Eco Contracting
Josh Dallesander	SumCo Eco Contracting
Rudy Bentlage	SumCo Eco Contracting
Dave Cribbie	GW Brooks & Son
Jon Sanborn	Sargent Corporation
Mike Thibodeau	Sargent Corporation
Joey Miller	AJ Coleman
Jason Dewildt	S.U.R. Construction
Mike Paonessa	EnviroVantage
Doug Phillips	Integrity Earthworks
Rian White	Weaver Brothers Construction
Adam Bates	Weaver Brothers Construction
Bob Burns	Merrill Construction

Addresses and Phone Numbers

<u>Underwood Engineers</u>	<u>Town of Wolfeboro</u>
David J. Mercier, P.E. Senior Project Manager	David Ford, Director
Daniel Jacobson, E.I.T. Project Engineer	Phone: (603) 569-8176
Phone: (603) 230-9898	Public Works Department
Fax: (603) 230-9899	84 South Main Street
99 North State Street	Wolfeboro, NH
Concord, NH 03301	

Please direct all technical questions and plan requests to Underwood Engineers, Concord Office.

Project Overview of Rapid Infiltration Basin Site Remediation

The scope of work includes the following major items:

Under the Base Bid

- Demolition of existing well tile and above-ground PVC pipe to the existing Central Flow Control Structure.
- Demolition of existing Pilot 3 ENS and artificial riverbed.
- Demolition of select distribution piping to existing Pilot 3.
- Installation of new Engineered Natural Solution (ENS) systems 2, 3, 4, & 5 along Nineteen Mile Brook.
- Installation of new concrete Western Flow Control Structure, hatch, and wooden building.
- Installation of 4-inch PVC distribution piping from the new flow control structure to each new ENS system.
- Installation of new Level Control Manhole No. 1 in the Central Seep.
- Installation of Cut-off Trench Nos. 4 and 5 in the Central Seep.
- Installation of 6" and 8" PVC transmission piping from Cut-off Trench Nos. 4 and 5 to existing Weir Manhole No. 2.
- Installation of blanket drain located in the Central Seep.
- Provide embankment fill in the Central Seep area to bring final grade to a 3:1 slope
- Installation of new Sump Manhole No. 2 in the Western Seep.
- Installation of new Weir Manhole No. 3 in the Western Seep.
- Installation of new Level Control Manhole No. 2 in the Western Seep.
- Installation of 6" and 8" PVC transmission piping from Cut-off Trench Nos. 6 and 7 to the new Western Flow Control Structure.
- Installation of new blanket drain located in the Western Seep.
- Installation of new Cut-off Trench Nos. 6 and 7 in the Western Seep.
- Provide embankment fill in the Western Seep area to bring final grade to a 5.5:1 slope.
- Temporary and permanent stormwater and erosion control measures.
- Wetlands restoration measures in the Central and Western Seep areas.

Bids

Due to the COVID-19 pandemic bids shall be due at **2:00 P.M. on February 2nd, 2021** at the ***Town of Wolfeboro, NH Town Hall at 84 South Main Street, Wolfeboro, NH 03894***. The bid opening will be limited to **ONLY** the **OWNER** and **ENGINEER**. The opening of the bids shall be broadcasted live via Go-To-Meeting. Anyone wishing to participate shall open the link below on their computer at the day and time indicated above to join the meeting. The opening will also be recorded with a link to it posted on the OWNERS website. Note: Bidders are still allowed to hand deliver bids in a sealed envelope (marked with BID for Rapid Infiltration Basin Site Remediation) at the Town Hall. Bidders may also wait in their vehicles in the parking lot where the bids will also be opened to receive a preliminary, un-reviewed copy of the bid results at opening.

<https://www.gotomeet.me/UnderwoodEngineers/wolfebororibbidopen>

Addendum

Addendum last day to issue is **January 27th, 2021**. Please have all questions in by then!

Funding

This project is anticipated to be funded by New Hampshire Department of Environmental Services via a State Revolving Fund Loan. This project shall be subject to special State and Federal provisions as follows:

- Davis-Bacon wage rates (Note Heavy wage rates apply to this project).
- Disadvantaged Business Enterprise requirements.
- American Iron and Steel – **NOTE: The extension for the U.S. Environmental Protection Agency (EPA) Short-Term National Product Waiver for Stainless Steel Nuts and Bolts expired on February 24, 2020.** It will not be renewed and now ALL stainless steel nuts and bolts shall be subject to the AIS provisions.

NHDES Comments

- **Weekly certified payrolls required for general and subcontractors.**
- **Wage rate decisions will be updated in Addendum No. 2.**
- **DBE documents will be required of successful bidder.**
- **Two mandatory bid submittal DBE documents are Subcontractor Performance Form and Subcontractor Utilization Form.**
- **NHDES will be monitoring AIS and will be performing site visits along with monitoring completion of key paperwork.**

General Contract Requirements

Requirements include:

- 5% Bid Bond with bid.
- 100% Performance and Payment bonds.
- Retainage will be held from progress payments per the General Conditions (10% of payment request until work is 50% complete).
- Insurance requirements and additional insured as noted in the General and Supplemental Conditions.
- Bid valid period of 90 days.

Easements and Agreements

The following easements exist for this project.

- None.

Permits

- The OWNER has obtained a Wetlands Permit that applies to the execution of work under this contract. The CONTRACTOR shall be responsible for compliance with the permit and with existing laws and regulations in the execution of the work on this project. The CONTRACTOR shall familiarize himself with the permit which will be provided to the successful bidder upon contract execution.

Dewatering & Subsurface Conditions

- Sheeting and well point dewatering will be required to facilitate installation of the four new ENS systems in the dry. Please refer to the several Geotechnical Reports contained in **Appendix A** of the Bid Documents.
- Sheeting and well point dewatering may be required for the installation of the new cut-off trenches in both the central and western seep areas. However, it may also be possible to complete the cut-off trenches utilizing pre-drainage dewatering with wells ahead of construction, especially for the trenches constructed from elevation 580 to 570.

- The CONTRACTOR shall be responsible for hiring a NH Geotechnical Professional Engineer to ultimately prepare and submit a stamped plan for excavation, sheeting, and dewatering to maintain groundwater levels below the ENS, trench and structure excavations.
- Please refer to Specification Section 01000 Prosecution of Work.

Traffic Management

- None anticipated other than Town staff movements.

Schedule and Time

- Completion time for the project is calculated as calendar days from the Notice to Proceed with **180** calendar days to Substantial Completion or September 30th, 2021, and **240** days to Final Completion or November 30th, 2021 for Base Bid.

Other/Special Requirements

- Working hours for this project shall be 0700 to 1530 hours, with no construction activities allowed outside those hours. No work shall be allowed on weekends or holidays. Refer to Prosecution of Work Specification 01000 Section 10.
- The Contractor shall note that all work within the bed and banks of Nineteen Mile Brook shall occur during low flows between April 1st and September 30th.
- For existing photographs of the RIB Site, please see the attached.

Rapid Infiltration Basin (RIB) Site Remediation

Wolfeboro, New Hampshire

1: Looking west towards Cut-off Trench #3 (photo taken 4/2/20)



2: Looking east at the Central Seep area and well tile (4/2/20)



Rapid Infiltration Basin (RIB) Site Remediation

Wolfeboro, New Hampshire

3: Looking south towards Engineered Natural Solution (ENS) #1 (photo taken 4/2/20)



4: Looking south at ENS #1 outlet in Nineteen Mile Brook (4/2/20)



Rapid Infiltration Basin (RIB) Site Remediation

Wolfeboro, New Hampshire

5: Looking northwest towards Cut-off Trench #2 (photo taken 4/2/20)



6: Looking northwest at the Central Seep area (4/2/20)



Rapid Infiltration Basin (RIB) Site Remediation

Wolfeboro, New Hampshire

7: Looking north towards Cut-off Trench #1 (photo taken 4/2/20)



8: Looking east towards Cut-off Trench #1 (4/2/20)



Rapid Infiltration Basin (RIB) Site Remediation

Wolfeboro, New Hampshire

9: Looking east at the central flow control structure (photo taken 4/2/20)



10: Looking east at the central flow control structure (4/2/20)



Rapid Infiltration Basin (RIB) Site Remediation

Wolfeboro, New Hampshire

11: Looking into the central flow control structure (photo taken 11/25/19)



12: Looking into the central flow control structure (12/26/19)



Rapid Infiltration Basin (RIB) Site Remediation

Wolfeboro, New Hampshire

13: Looking northeast at the Western Seep area (photo taken 5/8/20)



14: Looking south at rapid infiltration basin #2 atop hill (5/8/20)



Rapid Infiltration Basin (RIB) Site Remediation

Wolfeboro, New Hampshire

15: Looking south at proposed site for ENS #2 (photo taken 7/4/20)



16: Looking southwest at proposed site for ENS #3 (7/4/20)



Rapid Infiltration Basin (RIB) Site Remediation

Wolfeboro, New Hampshire

17: Looking southwest at proposed site for ENS #4 (photo taken 7/4/20)



18: Looking southwest at proposed site for ENS #5 (7/4/20)

