



TOWN OF BRADFORD

INVITATION FOR BIDS

Subsurface Sewage Disposal System (Septic) Installation

BIDS DUE SEPTEMBER 2, 2026 BY 12:00 NOON

Invitation for Bids (IFB)

Subsurface Sewage Disposal System (Septic) Installation

Project Location: Fire Station, 91 West Main Street, Bradford, NH 03221

Date of Issuance: August 24, 2026

Proposal Submission Deadline: September 2, 2026 at 12:00 Noon

1. Project Overview

The Town of Bradford seeks competitive bids from qualified, NHDES-permitted professionals to perform turnkey installation of a new Individual Sewage Disposal System (ISDS) at the location noted above. The existing system is in a state of failure. The site assessment and soil testing have already been completed including deep hole and percolation tests. The design for the new system has been completed by RCS Designs of Newbury, NH and is included with this IFB. NHDES has already issued an Approval for Construction for this project.

2. Scope of Work

The selected contractor will be responsible for:

- **Turnkey Installation:** Provide all labor, excavation, materials (tanks, distribution boxes, piping, stone/galvanized chambers, sand, etc.), and heavy equipment necessary to construct the system.
- **Inspections & Operation:** Coordinate mandatory NHDES/local construction inspections prior to backfilling and secure the final Approval for Operation.

3. Contractor Requirements & Qualifications

- Must hold a valid, active **NHDES Septic System Installer Permit**.
- Must provide proof of general liability insurance and workers' compensation coverage.
- Must provide at least three (3) references for similar subsurface disposal projects completed within New Hampshire over the last 3 years.

4. Proposal Submission Requirements

Please include the following items in your response package:

1. **Company Profile & License Numbers:** Names and credentials of the primary designer and installation supervisor.
2. **Project Approach:** A brief summary of your timeline expectations and anticipated site-specific challenges.
3. **Cost Breakdown:** Turnkey installation labor and materials cost (separated clearly).
4. **References:** Contact info for recent NH clients.

5. Project Timeline

- Required Completion/ Installation Date: **September 30, 2026**

Instructions for bidders

The Town of Bradford (Town) will receive sealed bids for Subsurface Sewage Disposal System (Septic) Installation until 12:00 Noon Wednesday, September 2, 2026 at the Town Offices located at 75 West Main Street, Bradford, NH 03221. The proposals will be opened and publicly read at the September 2, 2026 Select Board meeting at 6:00 PM. The sealed envelope should be plainly marked:

Subsurface Sewage Disposal System (Septic) Installation

Mailed or delivered to:

Town of Bradford
Select Board Office
75 West Main Street
P.O. Box 436
Bradford, NH 03221

Bids must be mailed or delivered in person. Bids that are faxed or e-mailed will not be accepted.

The Town of Bradford reserves the right to reject any or all bids or any part thereof, to waive any formality, informality, information and/or errors in the proposal, to accept the proposal considered to be in the best interest of the Town.

Any questions or inquiries must be submitted in writing, and must be received by the Town Administrator via e-mail no later than Monday, August 31, 2026 to be considered. Any addenda issued as a result will be provided to all bidders of record.

The bidder shall not divulge, discuss, or compare this bid with the bid of any other bidders and shall not collude with any other bidder or parties to a bid whatsoever. Any such violation will result in disqualification and the cancellation of any contract entered into with the Town of Bradford.

If you would like to visit the facilities prior to developing your response to this IFB, please contact Town Administrator Scott Butcher at administrator@bradfordnh.gov

Insurance:

The successful bidder shall procure and maintain insurance, in the amounts and coverage detailed by the bid documents, acceptable to the Town of Bradford, at the bidder's sole expense, with reputable and financially responsible insurance companies, insuring against any and all public liability, including injuries or death to persons and damage to property, arising out of or related to

the goods or bidder's performance hereunder and shall furnish to the Town certificates of such insurance and renewals thereof signed by the issuing company or agent upon the Town's request. Such certificates shall name the Town of Bradford as an additional insured. The Town's examination of, or failure to request or demand, any evidence of insurance hereunder, shall not constitute a waiver of any requirement and the existence of any insurance shall not limit the bidder's obligation under any provision hereof.

Except to the extent of comparable insurance acceptable to, or express waiver by the Town, the bidder shall, or shall cause any carrier engaged by the bidder, to insure all shipments of goods for full value. If the agreement with the bidder involves the performance of work by the bidder's employees at property owned or leased by the Town, the bidder shall furnish such additional insurance as the Town may request in respect thereof, but in any event and without such request, workers' compensation insurance and unemployment compensation insurance as required by laws of the State of New Hampshire and public and automotive liability and property damage insurance. In no event shall such employees of the bidder be deemed to be the employees of, or under the direction or control of the Town of Bradford for any purpose whatsoever.

The successful Contractor must submit, prior to contract signing, the following documentation:

1. **The Contractor's Certificate of Insurance** naming the Town of Bradford as Additional Insured with respect to general, automobile and umbrella liability that meets the following minimum requirements for types and levels of coverage:
2. **Professional Liability Insurance**
Liability limits of \$1 Million per claim and \$2 Million aggregate.
Failure to provide and continue in force such insurance during the period of this Contract shall be a material breach of this Contract, shall operate as an immediate termination thereof and Contractor hereby agrees to indemnify the Town for all losses, claims, and actions resulting from the failure to provide the insurance required by this Article. The Town agrees to make reasonable effort to notify the Contractor of any duty arising out of this paragraph, but failure to make timely notice will not relieve the Contractor of any duty under this paragraph.
3. **Comprehensive Commercial General Liability Insurance**
Liability limits of at least \$1 Million per occurrence and \$2 Million annual aggregate for property damage; \$1 Million per person and \$2 Million per occurrence for bodily injury. The Town of Bradford will be listed as an additional insured, and which shall cover bodily injury, sickness or disease, or death of any person including employees and those persons other than the Contractor's employees, and claims insured by usual personal liability coverage, death, or property damage arising out of the Work including injury or destruction of tangible property, including loss of use resulting therefrom.

However, it shall be the Contractor's responsibility to purchase and maintain insurance of such character and in such amounts as will adequately protect it and the Town from and against all claims, damages, losses and expenses resulting from exposure to any casualty liability in the performance of the work, including and not limited to Professional liability

insurance where applicable. All policies shall identify the Town as an additional insured.

The Contractor shall notify the Town immediately upon the cancellation or amendment to any policy. Certificates evidencing all such coverage shall be provided to the Town upon the execution of this Contract, and upon the renewal of any such coverage. Coverage shall be maintained without interruption from date of the Contract until date of final payment and termination of any coverage required to be maintained after payment. The Contractor shall obtain and maintain during the term of this Contract the insurance **coverage in companies licensed to do business in the State of New Hampshire and** acceptable to the Town.

4. Worker's Compensation:

All bidders and subcontractors at every tier under the bidder will conform with the requirements of RSA 281 Title XXIII, Section 281-A:2 with close attention to sections VI(a), VI(c) and VII(a) as well as Section 281-A:4.

Contract:

The contract between the Town of Bradford and the Contractor shall consist of (1) the bid documents and any amendments thereto, and (2) the Contractor's bid. In the event of a conflict in language between documents (1) and (2) referenced above, the provisions and requirements set forth and referenced in the bid documents shall govern. However, the Town reserves the right to clarify any contractual relationship in writing with the concurrence of the Contractor and such written clarification shall govern in case of conflict with the applicable requirements contained in the bid documents and the Contractor's bid. In all other matters, not affected by written clarification, if any, the bid documents shall govern. The bidder is cautioned that this bid shall be subject to acceptance without further clarification.

Disagreements and Disputes:

All disagreements and disputes, if any, arising under the terms of any agreement, either by law, in equity, or by arbitration, shall be resolved pursuant to the laws and procedures of the State of New Hampshire, in which state any agreement shall be deemed to have been executed. No action at law, or equity or by arbitration shall be commenced to resolve any disagreements or disputes under the terms of any agreement, in any jurisdiction whatsoever other than the State of New Hampshire and Hillsborough County.

Termination of Contract For Cause:

If through any cause, the Contractor shall fail to furnish, in a timely and proper manner, its obligations under any contract, or if the Contractor shall violate any of the covenants, agreements or stipulations of any contract, the Town shall thereupon have the right to terminate any contract by giving written notice to the Contractor of such termination and specifying the effective date thereof at least five (5) days before the effective date of such termination. In such event, all finished or unfinished work, documents, plans, data programs and reports prepared by the Contractor under any contract shall, at the option of the Town, become its property and the Contractor shall be entitled to receive just and equitable compensation for any satisfactory work completed.

Notwithstanding the above, the Contractor shall not be relieved of liability to the Town for damages sustained by the Town by virtue of any breach of the contract, and the Town may withhold any payments until such time as the exact amount of damages due the Town is determined.

Invoicing:

Unless otherwise stated, invoices are to be submitted to the Town Administrator. The invoice must include an itemization of all items, supplies, repairs, or labor furnished, including unit list price, net price, extensions and total amount due.

Payment:

Unless otherwise stated, payment will be made within thirty (30) days of the satisfactory completion of delivery of all items or services, in acceptable condition, to the Town and receipt of invoice, whichever is later.

Force Majeure:

Neither party shall be liable for any inability to perform its obligations under any subsequent agreement due to war, riot, insurrection, civil commotion, fire, flood, earthquake, storm or other act of God.

Governing Law:

The Laws of the State of New Hampshire shall govern all contracts entered into by the Town of Bradford. Any disputes shall be resolved within the venue of the State of New Hampshire and Merrimack County.

Public Records Law:

All quotes and information submitted in response to this IFB are subject to RSA 91-A, the New Hampshire Access to Governmental Records law and may be subject to full disclosure.

Extras:

Except as otherwise provided herein, no payment for extras shall be made unless and until such extras and the price thereof have been authorized in writing by the Town.

Qualifications of Bidder:

The Town of Bradford may make such investigations as it deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the Town all such information and data for this purpose as the Town may request. The Town reserves the right to reject any bid if the evidence submitted by, or investigation of such bidder fails to satisfy the Town that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein. Conditional bids will not be accepted.

The Select Board to Decide:

The Select Board, or its designee, shall decide all questions which may arise as to the performance, continuity and acceptability of work to be done and all materials to be furnished under this contract, and shall decide all questions which may arise as to the interpretation of plans and specifications used and as to the fulfillment of this contract on the part of the Contractor and as to defects in the

Contractor's work. The order, progress and methods of construction shall at all times be satisfactory to the Select Board or its designee. The Contractor shall vie his attention constantly to the faithful prosecution of the work, and shall keep the same under his personal control.

Indemnification:

With respect to services rendered by the Contractor, to the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify and hold harmless the Town of Bradford, NH and its officers and employees from and against all claims, damages, liabilities, injuries, costs, fees, expenses, or losses, including, without limitation, reasonable attorney's fees and costs of investigation and litigation, whatsoever which may be incurred by the Town to the extent caused by the negligence of or breach of any provision of this Contract by the Contractor, a person employed by the Contractor, or any of its Subcontractors. The Town agrees to make reasonable effort to notify the Contractor of any duty arising out of this paragraph, but failure to make timely notice will not relieve the Contractor of any duty under this paragraph.

OSHA Regulations:

The Contractor shall follow and shall maintain all safety standards as prescribed by OSHA without exception. The Town, or its designee, shall require strict adherence to all safety rules and regulations.



Th^{is} Stat^{ute} of New Hampshire
Department of Environmental Services

Robert R. Scott, Commissioner



APPROVAL FOR CONSTRUCTION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEM (ISDS)

AS AUTHORIZED BY THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES, WATER DIVISION PURSUANT TO RSA 485-A, WATER POLLUTION AND WASTE DISPOSAL AND ENV-WQ 1000, SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES.

APPLICATION APPROVAL DATE: 8/21/2026

APPROVAL NUMBER: eCA2026082110

I. PROPERTY INFORMATION

Address: 91 WEST MAIN STREET
BRADFORD NH 03221
Subdivision Approval No.: PRE-1967
Subdivision Name:
County: MERRIMACK
Tax Map/Lot No.: 16/88

11. OWNER INFORMATION

Name: TOWN OF BRADFORD
Address: PO BOX 436
BRADFORD NH 03221

III. APPLICANT INFORMATION

Name: ROBERT STEWART
Address: 6 CIRCLE VIEW DR
NEWBURY NH 03255

IV. DESIGNER INFORMATION

Name: ROBERT STEWART
Address: 6 CIRCLE VIEW DR
NEWBURY NH 03255
Permit No.: 00949

V. SPECIFIC TERMS AND CONDITIONS: Applicable to this Approval for Construction

Please read **VI. General Terms and Conditions** on the reverse side of this approval.

A. TYPE OF SYSTEM: CONCRETE CHAMBERS

B. NO. OF BEDROOMS: 0

C. APARTMENT BEDROOMS: 0

D. APPROVED FLOW: 300 GPO

E. OTHER CONDITIONS AND WAIVERS:

1. Approved for a septic system to serve a fire station @ 300 GPO.
2. This approval is valid for 180 days from date of approval, per Env-Wq 1004.19(d).
3. This approval is based on complying with Env-Wq 1004.20 "When Installation of a replacement ISDS is Required" and obtaining an approval for operation for the ISDS prior to the approval expiration date.
4. Please be advised, if construction on this lot involves dredge or fill in a jurisdictional wetland or stream, DES Wetlands Bureau approval is required prior to construction per RSA 482-A.
5. Approved with a public water system.
6. The following waivers have been approved:
 - A. Rule: Env-Wq 1008 Section: 05 Minimum Distances

Noah D. Buckner
Subsurface Systems Bureau

For HDES Web Site: www.des.nh.gov

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095

Telephone: (603) 271-3503 Fax: (603) 271-6683 TDD Access: Reby MI 1-800-735-296+

VI. GENERAL TERMS AND CONDITIONS: Applicable to all Approvals for Construction

- A. This Approval for Construction is issued to construct the /SOS as identified on Page 1 of this Approval.
- B. This Approval is valid until 2/17/2027, unless an Approval for Operation has been granted.
- C. By exercising any rights under this approval, the parties have agreed to all terms and conditions.
- D. No liability is incurred by the State of New Hampshire by reason of any approval of any Approval for Construction. Approval by the Department of Environmental Services of sewage and waste disposal systems is based on plans and specifications supplied by the Applicant.
- E. The system must be constructed in strict accordance with the approved plans and specifications.
- F. The installed system must be left uncovered and cannot be used after construction until it is inspected and has received an Approval for Operation of Individual Sewage Disposal System (/SOS) by an authorized agent of the Department.
- G. **This system must be installed by an installer holding a valid permit, in accordance with RSA 485-A:36, I(a) and Env-Wq 1004.06(e). Additionally, an owner may install the system for their own domicile in accordance with RSA 485-A:36, II. Env-Wq 1002.18 defines "Domicile" as that place where an individual has their true, fixed, and permanent home and principal establishment, and to which, whenever they are absent, the individual has the intention of returning. An individual might have more than one residence, but has only one domicile. For replacement systems, an owner may install a replacement 1505 for their existing domicile pursuant to RSA 485-A:36, II(a) and Env-Wq 1004.06(9). For new systems, an owner may install a new 1505 for a property they are developing to be their own domicile pursuant to RSA 485-A:36, II(b), and Env-Wq 1004.06(f).**
- H. This Approval for Construction does not supersede any equivalent or more stringent local ordinances or regulations. State standards are minimal and must be met statewide.

WORK NUMBER: 202604216-1

APPROVAL NUMBER: eCA2026082110

RECEIVED DATE: August 19, 2026

TYPE OF SYSTEM: CONCRETE CHAMBERS

NUMBER OF BEDROOMS: 0

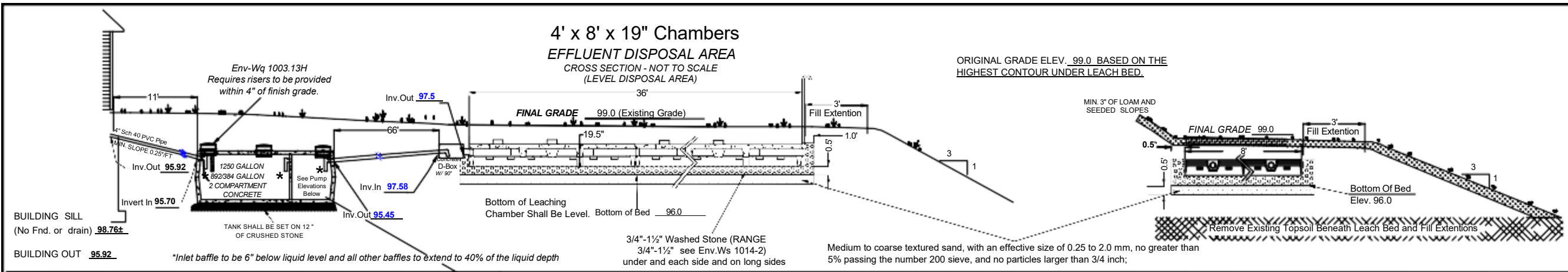
APARTMENT BEDROOMS: 0

APPROVED FLOW: 300 GPD

For more information, visit: www.des.nh.gov

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095

Telephone: (603) 271-3503 Fax: (603) 271-6683 TDD Access: Relay NH 1-800-735-2.964



INCHES TO DECIMALS OF FOOT CONVERSION	1/16" = .0052	3/32" = .0078	1/8" = .0104	3/16" = .0156	1/4" = .0208	5/16" = .0260	3/8" = .0313	1/2" = .0417	5/8" = .0521	3/4" = .0625	7/8" = .0729	1" = .0833	2" = .1667	3" = .2500	4" = .3333	5" = .4167	6" = .5000	7" = .5833	8" = .6667	9" = .7500	10" = .8333	11" = .9167
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Pump Notes

1) RESIDENTIAL 1/3 HP 115 VOLT EFFLUENT PUMP MANUFACTURED BY ZOELLER, MODEL N65 OR APPROVED EQUAL. DELIVERS 32 GPM WITH DESIGNED HEAD.

2) GALLONS PER DOSE= 300 GPD/10 DOSES= 30 GAL/DOSE.

3) 400 GAL PUMP CHAMBER CONTAINING 9.0 GAL PER VERTICAL INCH.

4) PUMP ON/OFF RANGE= 37.0" GAL/DOSE / 9.0 GAL/IN= 4.11 IN. TOTAL.

5) CYCLE TIME PER DOSE= 37" GAL/DOSE / 30 GPM= 1.23 MIN./DOSE.

6) TOTAL HEAD=

---- ELEVATION HEAD = 4.8

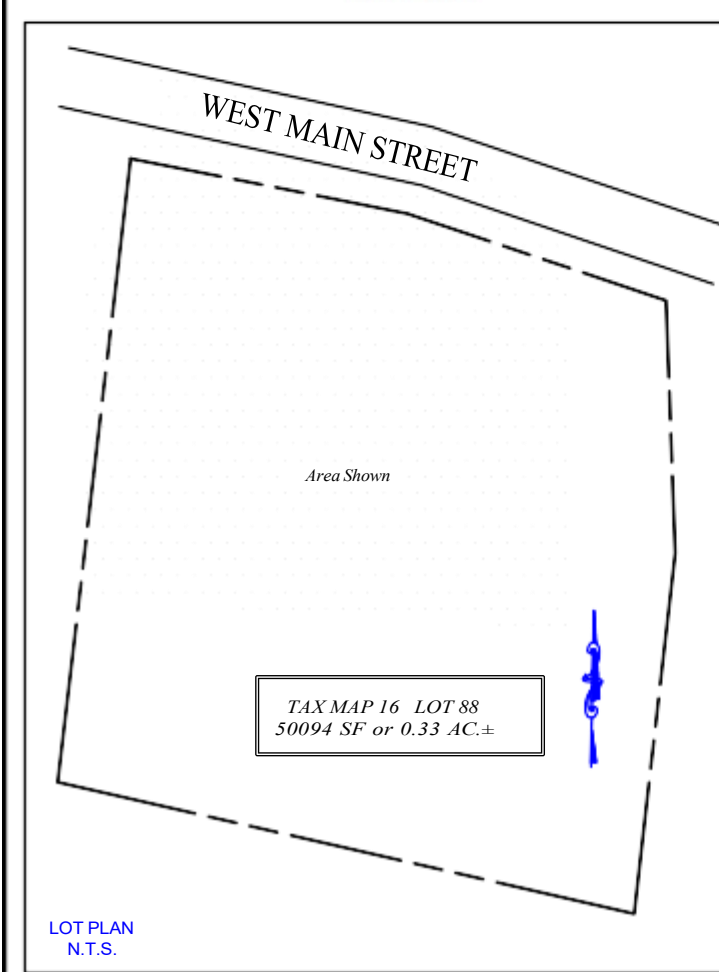
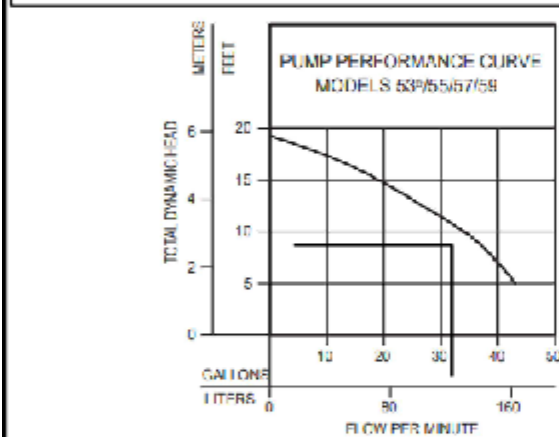
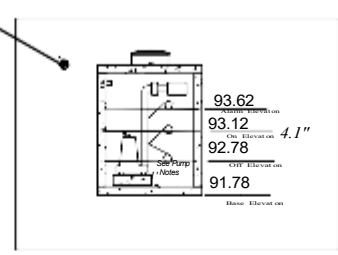
---- FRICTION HEAD = 5.4

---- TOTAL HEAD = 10.2

7) PUMP CHAMBER AND LEACH FIELD TO BE VENTED. VENTS TO BE LOCATED AT THE OWNER'S PREFERENCE. LEACH FIELD TO BE VENTED ACCORDING TO SPECIFICATIONS.

8) PUMP TO BE PLACED ON A 12" CONCRETE BLOCK.

*66" OF 1.5" PIPE HOLDS 7 1/2 GAL OF LIQUID. PUMP ON/OFF RANGE IS SET HIGHER TO ALLOW FOR THE EFFLUENT TO DRAIN FROM THE PIPE TO PREVENT FREEZING. A SMALL HOLE TO BE DRILLED IN THE CHECK VALVE TO ALLOW CONTROLLED DRAIN OF PIPE. TANK TO BE EQUIPPED WITH A HIGH WATER FLOAT SWITCH WITH SIGNAL BOX ALARM.



FLOW CALCULATIONS:
Bradford Fire House
1 Full time employee with kitchen & Shower = 20 GPD

18 part time employees @ 5 GPD/Person = 90 GPD

Total Flow = 110 GPD

Minimum designed @ 300 GPD.

Lot Loading:
(300/2000)x(1.0 (Adams 0-8% slope)) = 0.15 acres or 6,534 SF needed for a designed use.

Map 16 Lot 88 = 28,294 SF +/- (Area Shown)

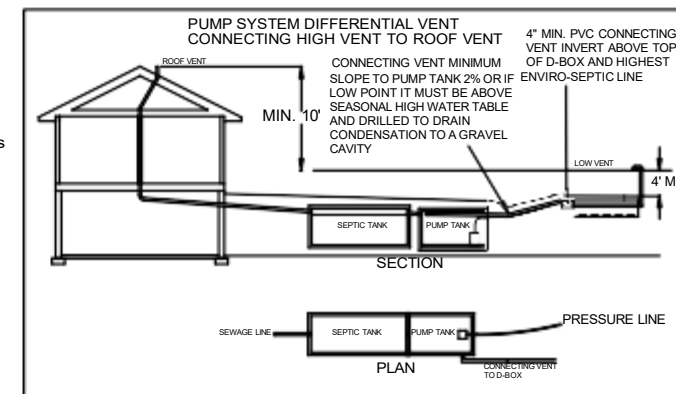
Subtract:
Well Radii 7921 SF

Ledge outcrops 0 SF

Steep Slope 0 SF

Poorly and VP drained soils none observed as of 7/3/2026 west of the pond.

total remaining SF = 20,373 SF or 0.47 acres. Lot meets loading for the proposed system.



This plan and depiction of property lines shall not be construed as a property survey. Lines shown are approximate and to be used for the purpose of this plan only. Any other use of this plan and the information depicted is at the sole risk and responsibility of the user.

WILLIAM N. LAMARRE CONCRETE 1250/400 GAL. 2 COMPARTMENT SEALED LIGHT DUTY TANK

NO. COMPARTMENTS - 2 (1250/400 GAL.)

TANK LENGTH = 12' TANK WIDTH = 6.5'

TANK HEIGHT = 60"

H.I. = 47"

H.O. = 44"

CONTRACTOR TO VERIFY ALL TANK DIMENSIONS PRIOR TO INSTALLING

DIMENSIONS PER WILLIAM N. LAMARRE CONCRETE PRODUCTS RCS DESIGNS TO DETERMINE MANUFACTURE APPROVED EQUAL

Env Wq 1017.02 Concrete Chambers.

(a) Each bed that includes concrete chambers shall be constructed on a 6 inch eve layer of:

(1) Medium to coarse textured sand, with an effective size of 0.25 to 2.0 mm, no greater than 5% passing the number 200 sieve, and no particles larger than 3/4 inch; or

(2) Material meeting the ASTM C 33 specification.

(b) Filter fabric or galvanized wire mesh shall be placed around the chambers prior to placing the septic stone.

(c) The pipe conveying effluent from the septic tank to the bed shall empty into either a velocity reducing pit, a splash or internal distribution system.

0 10 20 40 60 80 100

SITE PLAN SCALE: 1"=20'

- SYSTEM SPECIFICATIONS**
- 1) DESIGN INTENT: THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM (EDS) SHALL BE CONSTRUCTED AT 96.0 ELEVATION. THIS IS APPROXIMATELY 3.0 FEET BELOW ORIGINAL GROUND ON THE HIGH CONTOUR OF THE DESIGNED EFFLUENT DISPOSAL SYSTEM.
- 2) FLOW CALCULATIONS = SEE FLOW CALCS. LOWER LEFT = 300 GPD
- 3) LEACH AREA REQUIRED: 425 SF X 0.6 = 255 SF (CHAMBERS). LEACH AREA PROVIDED: 288 SF.
- 4) A 1250 / 400 GAL CONCRETE SEPTIC TANK, W. N. LAMARRE CONCRETE AND A 5" OUTLET D-BOX, TO BE CONCRETE MANUFACTURED BY W. N. LAMARRE OR EQUAL (IF GARBAGE DISPOSAL UTILIZED, THE SEPTIC TANK VOLUME SHALL BE 50% LARGER OR SHALL BE TWICE THE VOLUME WHEN RAW SEWAGE IS BEING PUMPED TO SEPTIC TANK).
- 5) (9) 4"X8"X19" "S" H-20 CONCRETE CHAMBERS BY L.M. LAMARRE CONCRETE PRODUCTS.
- 6) LINES FROM THE D-BOX TO THE CHAMBERS AND THE VENT PIPE TO BE SCH 40 OR GREATER.
- 7) MEDIUM TO COARSE TEXTURED SAND, WITH AN EFFECTIVE SIZE OF 0.25 to 2.0 mm, NO GREATER THAN 5% PASSING THE NUMBER 200 SIEVE. PARTICLES LARGER THAN 3/4 INCH, OR MATERIALS MEETING THE ASTM C-33 SPECIFICATION.
- 8) CHAMBERS, SEPTIC TANK, DISTRIBUTION BOX, AND LEACHING PIPES, IF APPLICABLE, SHALL BE LAID AS LEVEL AS POSSIBLE.
- 9) SEPTIC SYSTEM MUST BE 75' FROM PRIVATE WELLS, SURFACE WATER, OPEN DRAINAGE INTERCEPTING THE S.H.W.T. OR VERY POORLY DRAINED WETLANDS, AND 50' FROM POORLY DRAINED WETLANDS UNLESS WAIVED BY NHDES DUE TO SPECIAL CIRCUMSTANCE.
- 10) SEPTIC TANK AND LEACH BED ARE TO BE NO CLOSER THAN 5' AND 15' RESPECTIVELY TO FOUNDATION WITH DRAINS. (PROVIDED SLAB IS ABOVE FINISH GRADE OF LEACH FIELD.) UNLESS WAIVED BY NHDES DUE TO SPECIAL CIRCUMSTANCE.
- 11) UNDRAINED PUMP LINES, PIPES UNDER WHEEL LOADS, OR PIPES UNDER AREAS WITHOUT SNOW COVER SHALL BE BURIED AT LEAST 4' TO PREVENT FREEZING OR SHALL BE INSULATED.
- 12) UNDER NO CIRCUMSTANCES SHALL VEHICLES TRAVEL OVER OR NEAR ANY SEPTIC SYSTEM COMPONENT, UNLESS DESIGNED FOR AASHTO H-20 LOADING.
- 13) SEPTIC TANK AND PUMP CHAMBER OPENINGS SHALL BE BROUGHT UP TO WITHIN 6" OF GRADE WITH MANHOLE RINGS AND COVERS WHEN BACKFILL EXCEEDS 18".
- 14) WELL SHALL BE 75' FROM PROPERTY LINE UNLESS WAIVED BY THE STATE, OR OVERLAPS INTO AREA PROTECTED FROM DEVELOPMENT. Note: NHDES policies now require a resubmission of all plans if well location changes from its current location including a recalculation for lot loading. This may affect the lot loading on your property and the amount of bedrooms allowed. NOTIFY YOUR WELL DRILLER.
- 15) IF FAILURE OCCURS, SYSTEM MAY HAVE TO BE REBUILT IN PLACE.
- 16) ALL SYSTEMS MUST COMPLY WITH STATUTORY REQUIREMENTS OF RSA 149-E OR AMENDMENTS TO THIS DESIGN. OMISSIONS DO NOT RELIEVE THE CONTRACTOR OF HIS/HER RESPONSIBILITY.
- 18) THIS SYSTEM IS NOT DESIGNED FOR A GARBAGE DISPOSAL.
- DESIGNED: 8/18/2026 Rev.

Site Notes:

(1) Bench Mark and Ref. Point To Remain Until Final Inspection.

(2) D-box to be placed on a stabilization pad concrete, laid level supplied by Phoenix Precast.

(3) The vent location may be changed provided it meets NH DES rules & manufacture specifications. Differential venting required. See detail below.

(4) The purpose of this plan is for replacing a failed system.

(5) No new construction or disturbance falls within a protected shoreland.

(6) Any variation or discrepancies found in the field or on the plan shall be reported to RCS Designs immediately. No changes shall be made without RCS Designs consent.

7) See Env-Wq 1017.02 to left for chamber requirements.

8) Install 90° fitting in d-box directed downward.

9) PD & VPD soils mapped by R. Stewart CWS #49.

Designers Stamp

NEW HAMPSHIRE
Designer of
Subsurface Disposal
Systems
Robert C. Stewart Jr.
No. 949
Department of Environmental Services

- NOTES**
- 1) SYSTEM TO BE INSTALLED IN ACCORDANCE WITH PRODUCT DESIGN AND INSTALLATION MANUAL, STATE AND LOCAL REGULATIONS.
- 2) INSTALLER ADVISED TO CONTACT DIG SAFE PRIOR TO CONSTRUCTION.
- 3) DO NOT INSTALL SYSTEM ON FROZEN GROUND OR LEAVE SYSTEM UNCOVERED FOR EXTENDED PERIODS OF TIME.
- 4) NO DRAINS, HOT TUBS, SAUNAS, GARBAGE DISPOSALS ETC., SHALL BE INCORPORATED INTO THIS SYSTEM UNLESS OTHERWISE SPECIFIED.
- 5) LOT LINES TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. LOT LINES SHOWN ARE APPROXIMATE.
- 6) THIS DOCUMENT IS FOR THE CONSTRUCTION OF THE EFFLUENT DISPOSAL SYSTEM SHOWN. ANYONE USING INFORMATION FROM THIS DOCUMENT FOR ANY OTHER PURPOSE DOES SO AT THEIR OWN RISK.
- 7) SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH ENV-WQ 1000.
- 8) BARK MULCH IS NOT RECOMMENDED AS A GROUND COVER OVER LEACH FIELD.

SOIL INFORMATION DATE: 7/4/2026

MAP SYMBOL AND NAME: 689B Adams Urban

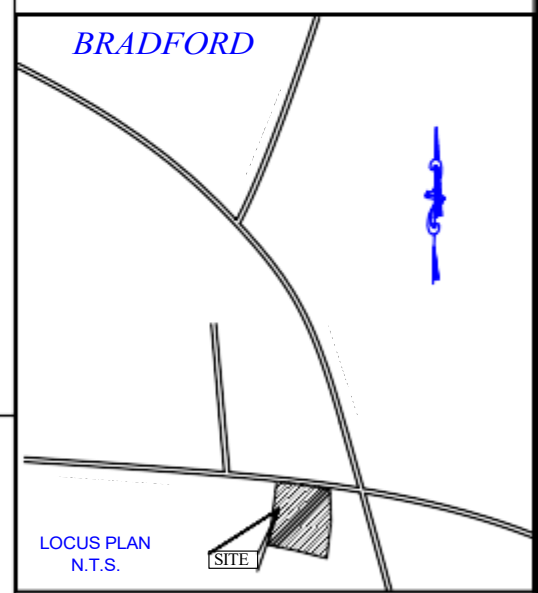
PERC. TEST: 4 MIN. / INCH WITH BOTTOM @ 36"

TEST PIT #1

Dark Grayish Brown 2" Dense Gravel (fill) Loose Granular	10YR 5/2
Dark Yellowish Brown Med. Course Sand Loose Granular	10YR 4/6
Light Gray Fine Sand 30% Gravel Loose Granular	2.5Y 7/2

OBSERVED H2O NO ROOTS N/O Parking

ESHW 8.0 +/- IMPERMEABLE LAYER N/O



OWNER: TOWN OF BRADFORD - BRADFORD FIRE DEPT.

SUBDIVISION NAME: N/A PRE '67

SUBDIVISION APPROVAL NO: N/A PRE '67

STREET / TOWN: 91 WEST MAIN ST / BRADFORD

LOT NO: 88 TAX MAP NO: 16

DEED REFR. Vol: 3925 PG: 2248 PLAN REFR: N/A

RCS Designs

6 CIRCLE VIEW DRIVE
NEWBURY, NH 03255
PH: 603.938.2256
EMAIL: RCSDESIGN@TDS.NET