APPROVAL FOR CONSTRUCTION

CA2012108453

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 29 HAZEN DRIVE, CONCORD, NH 03302-0095

CA2012108453

APPROVAL NO.

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER: JESSE/STACY SMITH
25 RUNAWAY RD
NEWFIELDS NH 03856-

COPY SENT TO: BOARD OF SELECTMEN
65 MAIN STREET
NEWFIELDS NH 03856

BY APPLICANT: PERMIT NO. 01377

ADAM R FOGG
149 MILL RD
DURHAM NH 03824

Map No./Lot No.:	210 / 33-6
Subd. Appvl. No.:	1999001570
Subd. Name:	RIVERS REACH
County:	ROCKINGHAM
Registry Book No.:	4831
Registry Page No.:	2085
Probate Docket No.: (If Applicable)	
Type of System:	N 4 BR 600 GPD
Town/City Location:	NEWFIELDS
Street Location:	25 RUNAWAY ROAD

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 1503.04)

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED BELOW CONDITIONS

1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WQ 1003.22.

E J Thomas

05/01/2012 ERIC J THOMAS

Approved this date: _____ By: _____
N.H. Department of Environmental Services Staff

Date amended: _____ Amended by: _____ (OVER)

REVISED 8/01

20120133O

NHDES, SSB FILE

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 6 HAZEN DRIVE, CONCORD, NH 03302-0095

THIS APPROVAL DOES NOT SUPERSEDE ANY EQUIVALENT OR MORE STRINGENT LOCAL ORDINANCES OR REGULATIONS, STATE STANDARDS ARE MINIMAL AND MUST BE MET STATEWIDE.

IN THE EVENT OF SYSTEM FAILURE, IT SHALL BE THE RESPONSIBILITY OF THE OWNER TO CORRECT ANY SUCH FAILURE.

NO LIABILITY IN INCURRED BY THE STATE by reason of any approval of subdivision plans or any approval to construct or use a sewage or waste disposal system. Approval by the Department of Environmental Services of sewage and waste disposal systems and subdivisions is based on plans and specifications supplied by the applicant.

NO GUARANTEE IS INTENDED OR IMPLIED BY REASON OF ANY ADVICE GIVEN BY THE DEPARTMENT OR ITS STAFF.

PLEASE POST IN A CONSPICUOUS PLACE DURING CONSTRUCTION

The system must be constructed in strict accordance with the approved plans and specifications.

The installed system must be left uncovered and cannot be used after construction until it is inspected and finally approved by an authorized agent of the Department. This is to make certain the system is built according to the approved plans and specifications.

CONTACT THIS OFFICE: 271-3501, REGIONAL OFFICE, OR OUR AUTHORIZED LOCAL AGENT, WHEN READY FOR INSPECTION.

This system must be installed by an installer holding a valid permit, exept an owner may install the system for his/her primary domicile.

Env-Ws 1004.09 EXCEPT AS PROVIDED IN Env-Ws 1003.19, ALL CONSTRUCTION APPROVALS ISSUED BY THE DEPARTMENT SHALL EXPIRE 4 YEARS FROM THE DATE OF ISSUE, UNLESS AN OPERATIONAL APPROVAL HAS BEEN GRANTED OR IS IMMINENT FOR SUBJECT CONSTRUCTION.

Env-Ws 1003.19 Replacement of Failed Systems. All applications submitted for the purpose of correcting a failed system shall be accompanied by a written statement from the Town Health Officer confirming that the existing system is in fact in failure. Construction approvals granted for replacement of a failed system shall be valid for a period of 90 days. Failure to complete construction within the 90 day approval period shall result in the invalidation of the approval.

APPROVAL FOR OPERATION

CA2012108453

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 29 HAZEN DRIVE, CONCORD, NH 03302-0095

CA2012108453
APPROVAL NO.

AMENDED DUE TO:

OWNER:

JESSE/STACY SMITH
25 RUNAWAY RD
NEWFIELDS NH 03856-

COPY SENT TO:

BOARD OF SELECTMEN
65 MAIN STREET
NEWFIELDS NH 03856

Map No./Lot No.:	~~210/33-6~~ 1999001570
Subd. Appvl. No.:	RIVERS REACH
Subd. Name:	ROCKINGHAM
County:	4831
Registry Book No.:	2005
Registry Page No.:	
Probate Docket No.: (If Applicable)	N
Type of System:	4 BR 600 GPD
Town/City Location:	NEWFIELDS
Street Location:	25 RUNAWAY ROAD

Installer DAN MARSTON Permit No. 3476

☐ Owner Installed For His/Her Domicile

Was Inspected On (Date) 5/30/12

Before Covering And Is Hereby Approved For Use.

Date Approved: 5/30/12

By: Jay Boos

Authorized Agent Of N.H. Department of Environmental Services

(OVER)

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REVISED 8/01

2012081538

NHDES, SSB FILE

GOLD = Owner's	YELLOW = Town's	BLUE = NHDES, SSB file

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 6 HAZEN DRIVE, CONCORD, NH 03302-0095

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EJT

COMPLETE

MAY - 1 2012

SEP
Application Receipt Checklist

File #: 201201330

Present (?): If any of these items are **not present**, complete the Applicant Return Letter and return the application.

(Y)	N		Completed Check or Voucher Number
(Y)	N	N/A	If check, legal line of check completed ("three hundred dollars and no cents")
(Y)	N	N/A	If check, check is signed
(Y)	N	N/A	If check, check dated on or before date of application stamp.
(Y)	N		Base fee ($300)
(Y)	N		Application Form (w/ Owner's Signature)
(Y)	N		Tax Map / Lot number (on Application Form)
(Y)	N		Two (2) or more complete sets of plans stamped by Designer (no Designer stamp required if designed by the owner for his/her own personal domicile)
(Y)	N		Municipal approval stamp, if any of the local-approval towns found on the 1/20/11 "*Communities That Require Local Approval Prior to RSA 485-A:32, I & II*" list:

Present (?): If any of these items is **present**, follow the instruction.

Y	(N)	Is there an expedite request (Policy #201) with this application? If the request says "Policy 201", bring a copy of the request to the Commissioner's Office Admin Person.
Y	(N)	Is there a letter from the town, from the designer or from the applicant to expedite the permitting of this system? If so, circle Y and assign as a normal application.
(Y)	N	Is it a failed system? If yes, stamp "failed" on the application and assign to Eric Thomas.
Y	(N)	Is there a waiver associated with this application? If yes, stamp "waiver" on the application and assign as a normal application.

02/01/2011

( ) Data Input ( ) Expedite

Construction Approval No._____

CONSTRUCTION APPROVAL CHECKLIST

Work No._____

TOWN: Newfield s

SUBDIVISION NAME:_____

SUBDIVISION APPROVAL NO: 1999001570

Owner: Smith

LOT NUMBER/UNIT NUMBER:_____

SIZE: 4 (BR) FLOW: 600 (GPD)

DESCRIPTION/TYPE OF SYSTEM:_____

TYPE

- ___ 1. Single Family Residence (4-bedroom max.)
- ___ 2. Apartment
- ___ 3. Condominium
- ___ 4. Manufactured Housing Park
- ___ 5. Camping/Tenting
- ___ 6. Commercial
- ___ 7. Industrial
- ___ 8. Public Food Handling
- ___ 9. Duplex
- ___ 10. Other

DESIGN

- ___ n. In-ground
- ___ o. Above-ground/Mounded
- ___ p. Ledge Lot
- ___ q. Chambers
- ___ r. Pressure Distribution
- ___ s. Dry Well
- ___ t. Trenches
- ___ u. Modified Dry Well
- ___ v. Holding Tank
- ___ z. Other

Waiver Granted (yes/no):_____

Previous Construction Approval # 20000228 Status: 1. New 2. Replacement 3. Amended 4. Revised 5. Other

RETURN DATE: BY:_____ RETURN REASON:

RESUBMITTAL DATE:

APPLICATION DATE:_____

SITE INSPECTION DATE:_____

PROJECT COORDINATOR:_____

APPROVALS REQUIRED: D&F_____ 485-A:17_____ WS_____ (UIC)GWP_____ Other_____

SOILS GROUP:_____ TYPE:_____ LOT SIZE:_____

PERC. RATE:_____ AMEND:_____ APPROVAL DATE: 5-1-12

CONDITIONS: 1,

APPROVED BY:_____

(LIMIT-2 CONDITIONS - 62 CHARACTERS EACH)

(OVER)

FAILED

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF ENVIRONMENTAL SERVICES
LAND RESOURCES MANAGEMENT
SUBSURFACE SYSTEMS BUREAU

Failed

29 Hazen Drive P.O. Box 95
Concord, NH 03302-0095
phone: (603) 271-3501 fax: (603) 271-6683 **website:** http://des.nh.gov/organization/divisions/water/ssb/index.htm

APPLICATION FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM (ISDS) APPROVAL

Fee $300 per System

DES Use:	COMPLETE Administrative Use Only MAY - 1 2012	Administrative Use Only MAY - 1 2012	Work Number: 201201330
			Check No. 26586
			Amount: 300.00
			Initials: JD

1. INDICATE TYPE OF SYSTEM

☐ New System	☐ Existing State Approved System (with Revision)	☒ Replacement System **SEE SECTION 12	If Replacement, is this system FAILED? ☒ YES ☐ NO	☐ Waivers Requested

For a Replacement System, provide previous Construction Approval #CA2000022814
Operational Approval date 9 / 23 / 2003

2. SPECIAL TYPES OF SYSTEMS

☐ YES ☒ NO Are you submitting Revised Plans?	If YES provide previous Construction Approval #
☐ YES ☒ NO Is this application for a collection system? (phased build out)	If YES provide previous Construction Approval # AND Operational Approval date / /

☒ **YES** ☐ **NO Is City / Town prior approval required in accordance with RSA 482-A:32, II?** Date approved 4 / 30 / 2012 SJ

3. SUBDIVISION STATUS

SUBDIVISION NAME: RIVERS REACH	**OR N/A BECAUSE:** ☐ pre-1967; ☐ >/= 5 acres; ☐ Env-Wq 1004.05; ☐ RSA 485-A:2, XIII
STATE SUBDIVISION APPROVAL # SA1999001570	

4. PROJECT LOCATION ADDRESS						**TOWN/CITY**	
25 RUNAWAY ROAD						NEWFIELDS	
COUNTY	**Book**	**Page**	**Probate #**	**TAX MAP(S)**	**BLOCK(S)**	**LOT(S)**	**UNIT(S)**
ROCKINGHAM	4831	2095		210		33-6	

5. APPLICANT NAME (Last, First, Initial)	**PHONE**	**EMAIL OR FAX**
ATLANTIC SURVEY CO, LLC	603-659-8939	atlanticsurvey@comcast.net
DESIGNER NAME ADAM R. FOGG ☐ Same as applicant	NH Designer Permit # 1377	Home Owner Design ☐

MAILING ADDRESS	**TOWN/CITY**	**STATE**	**ZIP CODE**
149 MILL ROAD	DURHAM	NH	03824

6. PROPERTY OWNER NAME (Last, First, Initial)	**PHONE**	**EMAIL OR FAX**
SMITH, JESSE & STACY	659-8150	

MAILING ADDRESS	**TOWN/CITY**	**STATE**	**ZIP CODE**
25 RUNAWAY ROAD	NEWFIELDS	NH	03856

7. SIGNATURES (A NHDES PERMITTED DESIGNER MUST SIGN AS OR ON BEHALF OF APPLICANT)

APPLICANT SIGNATURE[1] **DATE:** 4 / 24 / 2012	**PROPERTY OWNER SIGNATURE**[2] **DATE:** 4 / 25 / 12

8. TYPE OF DEVELOPMENT

☒ Single Family	☐ Condominium	☐ Camping/ Tenting	☐ Industrial	☐ Public Food Establishment
☐ Apartment	☐ Manufactured Housing Park	☐ Commercial	☐ Duplex	☐ Other:

9. DESIGN FLOW CALCULATIONS

☒ Residential: Number of Bedrooms: 4 — Total Flow: 600 GPD

☐ Commercial: Total Flow: GPD

10. TYPE OF DESIGN

☒ Gravity	☐ Above ground	Effluent Disposal Area Type (ie: stone & pipe):
☐ Holding tank	☒ In Ground	☐ Pre Treatment
☐ Pump	☐ At Grade	Pre treatment Type:

☐ **The 50 % Rule is being used in accordance with Env-Wq 1014.06**

11. WATER SUPPLY (Indicate the type of water supply that services the lot – check all that apply)

☐ Municipal (a) Name of System:

☐ Public Water System (a) Name:

Type of public water system: ☐Community ☐Transient non-community ☐Non-transient non-community

☐ Other:

☒ Well On Lot:

Well radius on lot?

☒ Yes

☐ No (Provide Recorded Well Release)

☐ Well Off Lot (Provide Deeded Easement)

12. REPLACEMENT AND/OR FAILED SYSTEMS ONLY

(a) Reason for Failure ☐ Age; ☐ Excessive Load; ☐ Inappropriate Load; ☐ Other (specify): SOIL

(b) TYPE OF SYSTEM (OLD SYSTEM) BEING REPLACED

☒ Gravity	☐ Above Ground / Mounded	Effluent Disposal Area Type:
☐ Pump	☒ In Ground	☐ Pre Treatment Pre treatment Type:
☐ Holding Tank	☐ At Grade	☐ Unknown / Other:

Age of Existing System: 9 years — Existing Septic Tank Size: 1500 gallons Type:

Number of Existing Structures Currently Served: 1 — Total Flow (all bedrooms): 600 GPD

Number of bedrooms: 4 — Number of Current Occupants: 2

Household Appliances that Discharge to Septic System: (check all that apply)

☐ Garbage Grinder/Disposal ☒ Washing Machine ☐ Water Chlorinator ☒ Dish washer

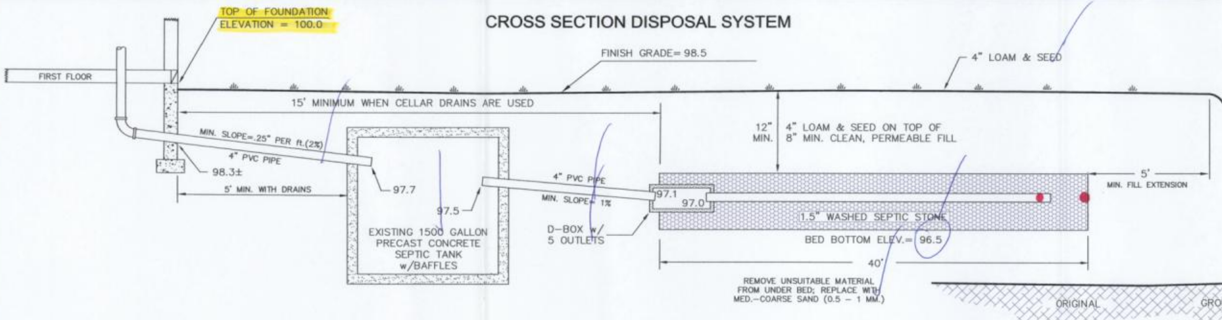
☐ Jacuzzi/Hot Tub ☐ Water Softener ☐ Solids Pump Unit before Tank ☐ Other:

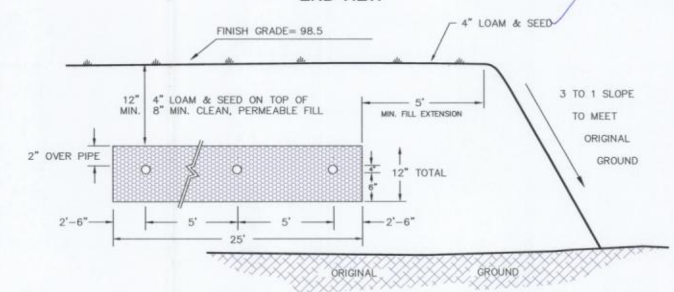
13. OTHER NHDES APPROVALS / PERMITS REQUIRED TO CONSTRUCT THIS SYSTEM (Check all that apply)

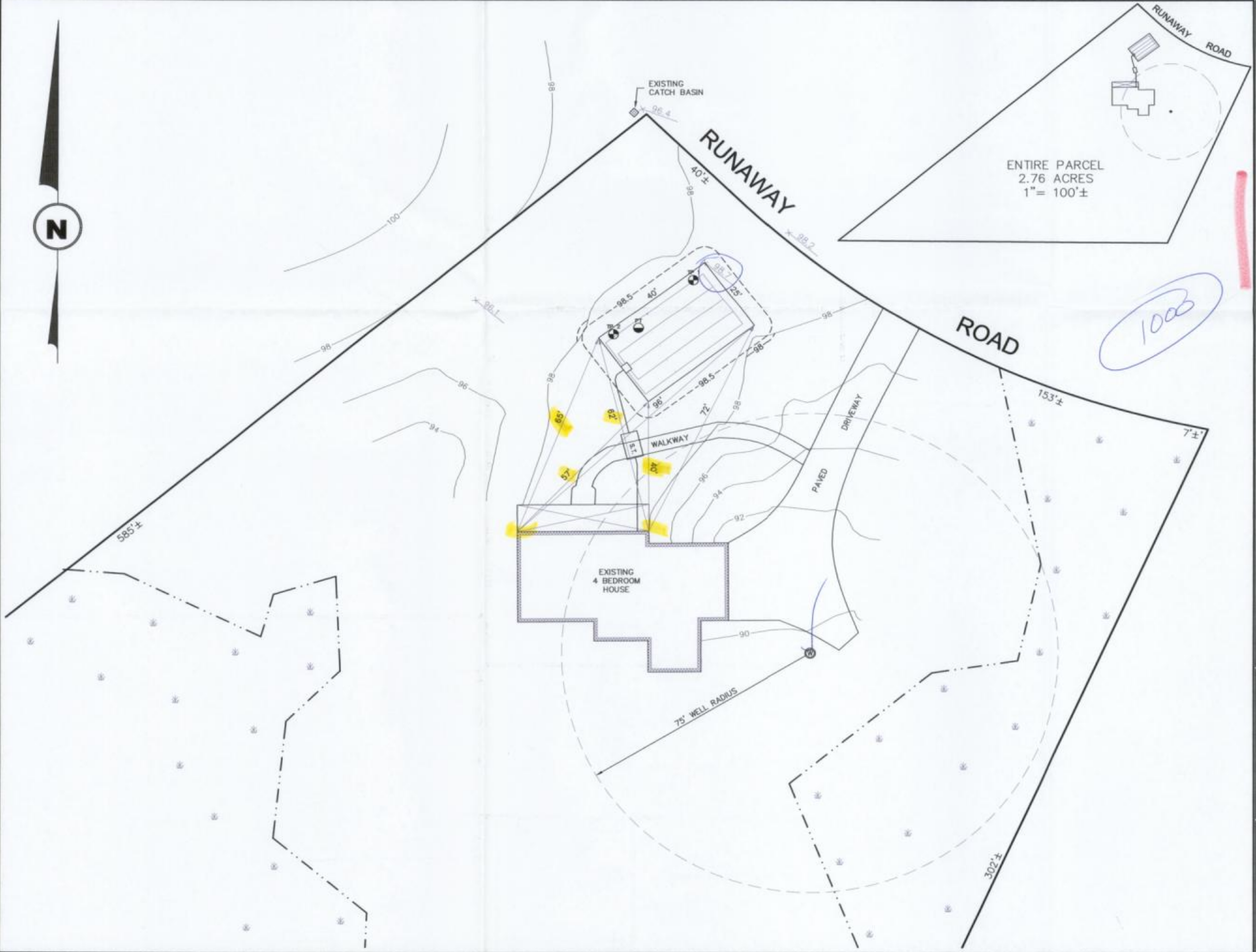
☐ Alteration of Terrain Permit #	☐ SSB Subdivision Approval Permit #
☐ Pending	☐ Pending
☐ Water Supply Approval Permit #	☐ Wetlands Bureau Approval Permit #
☐ Pending	☐ Pending
☐ UIC Registration	
☐ This project is located in the Protected Shoreland	Name of Waterbody:
☐ Shoreland Permit #	Type of Waterbody ☐ Lake; ☐ River /Stream; ☐ Tidal
☐ Pending ☐ N/A exempt	

[1] *The following signatory certification applies to the Applicant: The Applicant certifies that s/he is a permitted designer in good standing or the owner of said property, and that the information submitted accurately represents the existing site conditions as of the date of application. The Applicant further agrees and understands that if any information submitted in this application which is material to the department's approval of the application is false or misleading, the approval as well as the designer's permit, if applicable, shall be subject to suspension or revocation. The applicant herewith certifies, where applicable, that the approved off-site, municipal or community water supply is available at the lot line.*

[2] *The following signatory certification applies to the Property Owner: I/We certify that I am/we are the present owner(s) of the property referenced in this application and that I/we have seen the plans and I/we hereby confirm that the plans are in accordance with my/our needs and desires. I/We fully understand that should this plan be approved, no waivers to the construction approval will be allowed and that any change(s) will require a new submission, review and approval.*







LEACH BED REQUIREMENTS

PERCOLATION RATE: 1" PER 8 MINUTES @ 62"

NUMBER OF BEDROOMS: 4 (FOUR)

HYDRAULIC LOADING: 150 GPD/BEDROOM = 600 GPD

SYSTEM AREA REQUIRED: 1000 Sq.Ft.

SYSTEM AREA PROVIDED: 25' x 40' = 1000 Sq.Ft.

DESIGN INTENT

THE INTENT OF THIS DESIGN IS TO MAINTAIN AT LEAST 3.3 FEET ABOVE THE SEASONAL HIGH WATER TABLE AND 4 FEET ABOVE LEDGE OR IMPERMEABLE SUBSTRATUM BY CONSTRUCTING THE BED BOTTOM OF THE EFFLUENT DISPOSAL AREA AT ELEVATION 96.5 WHICH IS APPROXIMATELY 2.2 FEET BELOW ORIGINAL GROUND ON THE HIGH CONTOUR OF THE DESIGNED EFFLUENT DISPOSAL AREA.

GENERAL NOTES

THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY.

ANY DISCREPENCY BETWEEN THESE PLANS AND THE FIELD CONDITIONS IS TO BE REPORTED TO THE DESIGNER PRIOR TO CONSTRUCTION.

THE SEPTIC SYSTEM IS NOT DESIGNED TO HANDLE A GARBAGE DISPOSAL UNIT.

SEPTIC TANKS SHALL HAVE INLET AND OUTLET BAFFLES INSTALLED AND BE WATER TIGHT. ALL JOINTS, INLETS, OUTLETS, ETC. TO BE SEALED WITH NON-SHRINK MORTAR OR HAVE WATER TIGHT NEOPRENE GASKET SEALS CAST INTO THE CONCRETE BY THE MANUFACTURER. PRECAST CONCRETE COMPONENTS MAY BE PURCHASED FROM "A.J. FOSS" OR EQUAL.

THERE ARE NO SURFACE WATERS WITHIN 100 FEET OF THE PROPOSED EDA. THERE ARE NO POORLY DRAINED SOILS WITHIN 50 FEET AND NO VERY POORLY DRAINED SOILS WITHIN 100 FEET OF THE PROPOSED EDA AS DELINEATED BY MARK WEST PER Env-Wq 1014.03 AS SHOWN ON RCRD PLAN No. D-27624.

LEACH LINES TO BE LAID LEVEL AND INSTALLED IN ACCORDANCE WITH Env-Wq 1017.05 AND Env-Wq 1017.01.

SEPTIC STONE SHALL BE CLEAN, UNIFORMLY-SIZED WASHED CRUSHED STONE, WASHED ROCK, OR SIMILAR AGGREGATE, 1.5 INCH, FREE OF FINES, 0.75 INCHES TO 1.5 INCHES, IN ACCORDANCE WITH Env-Ws 1016.04.

THE INSTALLED SYSTEM SHALL BE LEFT EXPOSED UNTIL INSPECTED BY A REPRESENTATIVE OF THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES.

SYSTEM SHALL BE REBUILT IN PLACE SHOULD FAILURE OCCUR.

THIS PLAN CONFORMS TO ALL APPLICABLE LOCAL SEPTIC SYSTEM ORDINANCES AND REGULATIONS AS APPROVED AND STAMPED BY THE LOCAL AUTHORITY.

LEGEND:

102 ———	2' CONTOUR LINE	TP 1	TEST PIT
---100---	PROPOSED CONTOUR	PT	PERCOLATION TEST
—··—··—	POORLY DRAINED SOIL	W	EXISTING WELL

TEST PIT DATA

APRIL 11, 2012

TEST PIT 1

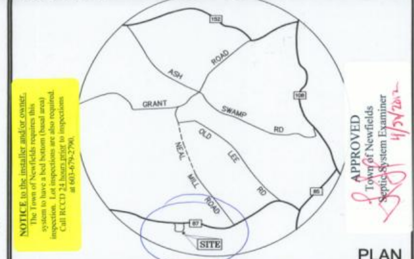
Depth	Description	
0"	BROWN (10YR 4/3) FINE SANDY LOAM; FRIABLE; GRANULAR	FILL
7"	YELLOWISH BROWN (10YR 5/8) LOAMY FINE SAND; LOOSE; GRANULAR	FILL
30"	DARK YELLOWISH BROWN (10YR 4/6) STONEY FINE SANDY LOAM; FRIABLE; GRANULAR	FILL
60"	NO REFUSAL S.H.W.T. UNKNOWN NO WATER OBSERVED	

TEST PIT 2

Depth	Description	
0"	BROWN (10YR 4/3) FINE SANDY LOAM; FRIABLE; GRANULAR	FILL
7"	YELLOWISH BROWN (10YR 5/8) LOAMY FINE SAND; LOOSE; GRANULAR	FILL
33"	DARK YELLOWISH BROWN (10YR 4/6) STONEY FINE SANDY LOAM; FRIABLE; GRANULAR	FILL
54"	VERY DARK BROWN (10YR 2/2) FINE SANDY LOAM; FRIABLE; GRANULAR	
60"	DARK YELLOWISH BROWN (10YR 4/6) STONEY FINE SANDY LOAM; FRIABLE; GRANULAR	
66"	LIGHT OLIVE BROWN (2.5Y 5/4) FINE SANDY LOAM; FRIABLE; GRANULAR	
76"	NO REFUSAL S.H.W.T. OBSERVED AT 66" NO WATER OBSERVED	

SOIL TYPE: 42B: Canton gravelly fine sandy loam
"Soil Survey of Rockingham County, New Hampshire" sheet 20

LOCATION



PLAN

NOTICE to the installer and/or owner. The Town of Newfields requires this system to have a bed bottom (basal area) inspection. Lot inspections are also required. Call RCCD 24 hours prior to inspections at 603-679-2790.

APPROVED
Town of Newfields
Septic System Examiner
4/24/2012

SUBSURFACE SEPTIC DESIGN

IN - FAILURE

RECEIVED
APR 25 2012
ROCKINGHAM COUNTY
CONSERVATION DISTRICT

OWNER: JESSE & STACY SMITH
25 RUNAWAY ROAD
NEWFIELDS, NH 03856

LOT ADDRESS: 25 RUNAWAY ROAD
NEWFIELDS, NH

SUBDIVISION: NHDES APPROVAL No. SA1999001570

TOWN INFO: TAX MAP 210, LOT 33-6 2.76 Ac

REGISTRY of DEEDS: ROCKINGHAM BOOK 4831, PAGE 2095

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

SCALE: 1 inch= 20 feet
0 10 20 40

APRIL 24, 2012
CAD FILE: 12117

NEW HAMPSHIRE Designer of Subsurface Disposal Systems
★★★
Adam R. Fogg
No. 1377
Water Supply & Pollution Control

ATLANTIC
SURVEY CO, LLC
149 Mill Road, Durham, New Hampshire 03824

PREPARED BY:
SURVEYORS
PLANNERS
SEPTIC DESIGNERS
603-659-8939

REVIEWED AND APPROVED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT. OF ENVIRONMENTAL SERVICES WATER DIVISION
Signed
Date 5-1-12

MAY - 1 2012

STATE

CA2012108453

NF 210 33-6

Water - Subsurface Onestop - Application Detail

Sunday, Sep. 13, 2026

Return to Query | Return to Results

Work Number:	201201330
Status:	APPROVED FOR OPERATION
Application Type:	CONSTRUCTION
Approval Number:	CA2012108453
Owner Name:	JESSE & STACY SMITH TOWN OF NEWFIELDS
Site Street Address:	25 RUNAWAY ROAD NEWFIELDS
County:	ROCKINGHAM
Book / Page:	4831 / 2095
Map / Lot:	210 / 33-6, 210 / 45
Subdivision Name:	RIVERS REACH
Subdivision Approval Number:	1999001570
Designer:	ADAM FOGG DOVER, NH
Surveyor:	
Installer:	DANIEL MARSTON EPPING, NH
Approval Date:	5/1/2012
Operation Date:	5/30/2012
Do Not Backfill Date:	
Bedrooms:	4
Flow:	600
Approval Conditions	1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WQ 1003.22.

NHDES Reviewer: Contact NHDES at 603-271-3501

Application Documents:

If you are in need of accommodation with any of these files, please contact the NHDES reviewer listed above.

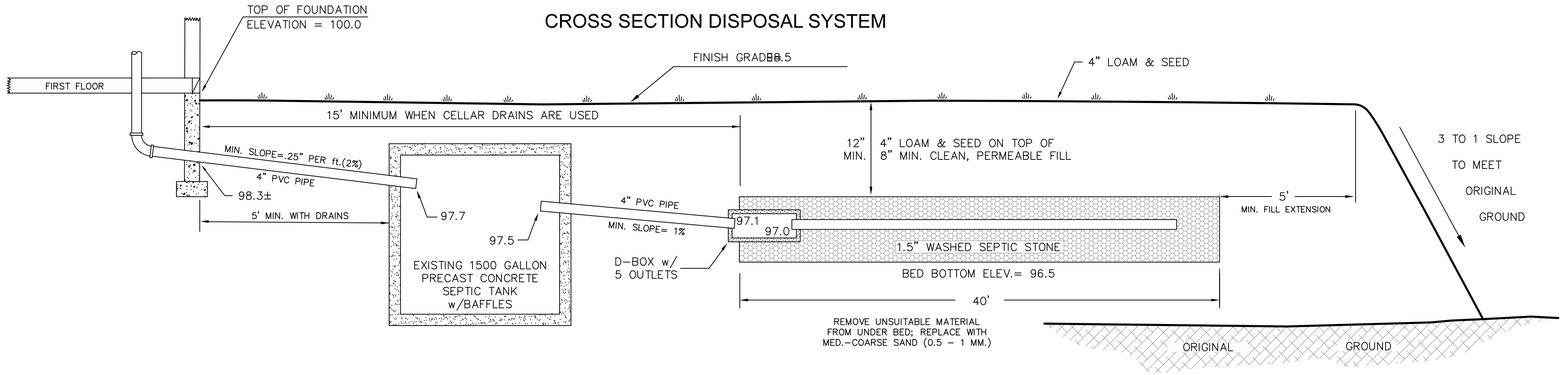
OneStop is currently experiencing a 2-3 day delay in uploading daily information to project files. If you push the "Select" button for a file that was uploaded today it may not be available to download for a couple of days. We appreciate your patience while we work to correct this issue.

	Title	Date	Document Type	Size
Select	ISDS CONSTRUCTION APPROVAL	01-MAY-12	ISDS CONSTRUCTION APPROVAL	4.55

Total Documents Returned: 1

You will need a PDF reader in order to view any documents. You can download a free reader from Adobe.

CROSS SECTION DISPOSAL SYSTEM



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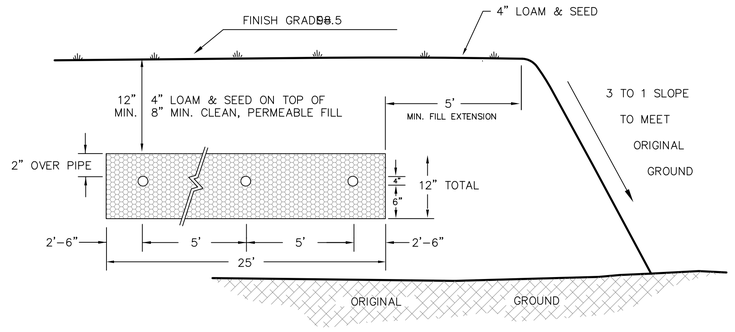
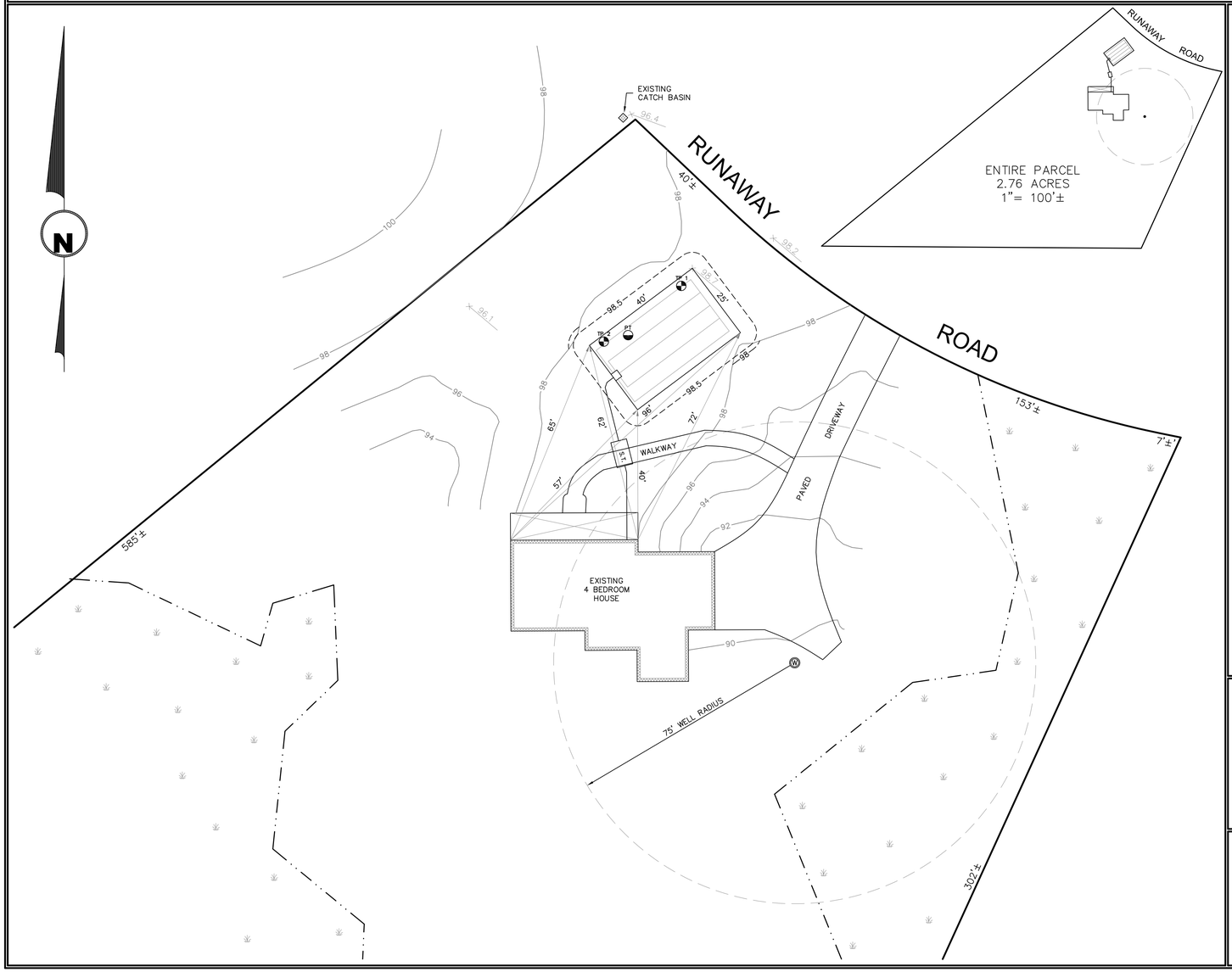




LEACH BED REQUIREMENTS

PERCOLATION RATE: 1" PER 8 MINUTES @ 62"

NUMBER OF BEDROOMS: 4 (FOUR)

HYDRAULIC LOADING: 150 GPD/BEDROOM = 600 GPD

SYSTEM AREA REQUIRED: 1000 Sq.Ft.

SYSTEM AREA PROVIDED: 25' x 40' = 1000 Sq.Ft.

DESIGN INTENT

THE INTENT OF THIS DESIGN IS TO MAINTAIN AT LEAST 3.3 FEET ABOVE THE SEASONAL HIGH WATER TABLE AND 4 FEET ABOVE LEDGE OR IMPERMEABLE SUBSTRATUM BY CONSTRUCTING THE BED BOTTOM OF THE EFFLUENT DISPOSAL AREA AT ELEVATION 96.5 WHICH IS APPROXIMATELY 2.2 FEET BELOW ORIGINAL GROUND ON THE HIGH CONTOUR OF THE DESIGNED EFFLUENT DISPOSAL AREA.

GENERAL NOTES

THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY.

ANY DISCREPENCY BETWEEN THESE PLANS AND THE FIELD CONDITIONS IS TO BE REPORTED TO THE DESIGNER PRIOR TO CONSTRUCTION.

THE SEPTIC SYSTEM IS NOT DESIGNED TO HANDLE A GARBAGE DISPOSAL UNIT.

SEPTIC TANKS SHALL HAVE INLET AND OUTLET BAFFLES INSTALLED AND BE WATER TIGHT. ALL JOINTS, INLETS, OUTLETS, ETC. TO BE SEALED WITH NON-SHRINK MORTAR OR HAVE WATER TIGHT NEOPRENE GASKET SEALS CAST INTO THE CONCRETE BY THE MANUFACTURER. PRECAST CONCRETE COMPONENTS MAY BE PURCHASED FROM "A.J. FOSS" OR EQUAL.

THERE ARE NO SURFACE WATERS WITHIN 100 FEET OF THE PROPOSED EDA. THERE ARE NO POORLY DRAINED SOILS WITHIN 50 FEET AND NO VERY POORLY DRAINED SOILS WITHIN 100 FEET OF THE PROPOSED EDA AS DELINEATED BY MARK WEST PER Env-Wq 1014.03 AS SHOWN ON RCRD PLAN No. D-27624.

LEACH LINES TO BE LAID LEVEL AND INSTALLED IN ACCORDANCE WITH Env-Wq 1017.05 AND Env-Wq 1017.01.

SEPTIC STONE SHALL BE CLEAN, UNIFORMLY-SIZED WASHED CRUSHED STONE, WASHED ROCK, OR SIMILAR AGGREGATE, 1.5 INCH, FREE OF FINES, 0.75 INCHES TO 1.5 INCHES, IN ACCORDANCE WITH Env-Ws 1016.04.

THE INSTALLED SYSTEM SHALL BE LEFT EXPOSED UNTIL INSPECTED BY A REPRESENTATIVE OF THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES.

SYSTEM SHALL BE REBUILT IN PLACE SHOULD FAILURE OCCUR.

THIS PLAN CONFORMS TO ALL APPLICABLE LOCAL SEPTIC SYSTEM ORDINANCES AND REGULATIONS AS APPROVED AND STAMPED BY THE LOCAL AUTHORITY.

LEGEND:

- 102 — 2' CONTOUR LINE
- ---100--- PROPOSED CONTOUR
- —·—·— POORLY DRAINED SOIL
- TP1 TEST PIT
- PT PERCOLATION TEST
- W EXISTING WELL

TEST PIT DATA

APRIL 11, 2012

TEST PIT 1

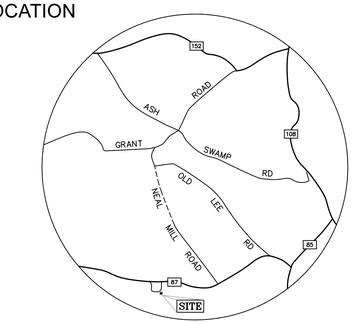
7"	BROWN (10YR 4/3) FINE SANDY LOAM; FRIABLE; GRANULAR	FILL
30"	YELLOWSH BROWN (10YR 5/8) LOAMY FINE SAND; LOOSE; GRANULAR	
60"	DARK YELLOWISH BROWN (10YR 4/6) STONEY FINE SANDY LOAM; FRIABLE; GRANULAR	
	NO REFUSAL	
	S.H.W.T. UNKNOWN	
	NO WATER OBSERVED	

TEST PIT 2

7"	BROWN (10YR 4/3) FINE SANDY LOAM; FRIABLE; GRANULAR	FILL
33"	YELLOWSH BROWN (10YR 5/8) LOAMY FINE SAND; LOOSE; GRANULAR	
54"	DARK YELLOWISH BROWN (10YR 4/6) STONEY FINE SANDY LOAM; FRIABLE; GRANULAR	
60"	VERY DARK BROWN (10YR 2/2) FINE SANDY LOAM; FRIABLE; GRANULAR	
66"	DARK YELLOWISH BROWN (10YR 4/6) STONEY FINE SANDY LOAM; FRIABLE; GRANULAR	
76"	LIGHT OLIVE BROWN (2.5Y 5/4) FINE SANDY LOAM; FRIABLE; GRANULAR	
	NO REFUSAL	
	S.H.W.T. OBSERVED AT 66"	
	NO WATER OBSERVED	

SOIL TYPE: 42B: Canton gravelly fine sandy loam
"Soil Survey of Rockingham County, New Hampshire" sheet 20

LOCATION



PLAN

SUBSURFACE SEPTIC DESIGN

IN - FAILURE

OWNER: JESSE & STACY SMITH
25 RUNAWAY ROAD
NEWFIELDS, NH 03856

LOT ADDRESS: 25 RUNAWAY ROAD
NEWFIELDS, NH

SUBDIVISION: NHDES APPROVAL No. SA1999001570

TOWN INFO: TAX MAP 210, LOT 33-6 2.76 Ac

REGISTRY of DEEDS: ROCKINGHAM BOOK 4831, PAGE 2095

SCALE: 1 inch= 20 feet

0 10 20 40

APRIL 24, 2012
CAD FILE: 12117

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ★★★ Adam R. Fogg No. 1377 Water Supply & Pollution Control

ATLANTIC SURVEY CO, LLC

PREPARED BY:
SURVEYORS
PLANNERS
SEPTIC DESIGNERS

149 Mill Road, Durham, New Hampshire 03824
603-659-8939