

Application Period Expires 8/26/11
 Zoning District R2

Town of Essex, Vermont
Application for Zoning Permit
 www.essex.org

Application Date 1/1
 Permit Number 2011-123

All construction is to be completed in accordance with the Town of Essex Zoning Regulations and any/all federal or state regulations now in effect. You are required to post this permit in a conspicuous location on the property during the appeal period and it must remain posted throughout the construction period. **You are required to contact the necessary state agencies to obtain state permits @ 879-5676.**

Any interested person may appeal the decision of the Zoning Administrator to the Zoning Board of Adjustment within fifteen (15) days of the permit's date of issuance. Commencing construction within this fifteen (15) day appeal period is prohibited by law.
 Signed: _____

A Parcel Account Numb. (Map-Parcel-Lot) 2-044-055-001
 (found in Town Assessor's Office)
 Property Address: 3 Fern Hollow Rd
 Owner: Armand Turner Jr. *Bonnie Howard*
 Owner Address: P.O. Box 665, Milton, VT 05468
 Owner Phone: 893-0680 (work) (home) _____
343-1098 (cell) (Email) _____
 Contractors name: Armand Turner Jr. Phone: _____
 Cell: _____
 Estimated Construction Dates: Start: 8/22/11 Completion: 11/1/11
 Sq. Feet: 1300 Estimated Cost (labor & materials): \$80,000

B Sewage Disposal (Please attach Sewer or Septic Application). On site
 Public Private Connection Fee \$ _____ Date Paid: 1/1
 Proposed New Bedrooms: 3 Existing Bedrooms _____
www-4-3546

C Water (Please attach Water Service Application).
 Public Private Fee \$ 1,970. Date Paid: 1/1

D Driveway (Please attach copy of approved Curbcut / Utility Application).
 Date of approval 1/1

E Stormwater
 Project disturbs an area greater than or equal to 1 acre – Erosion Control Permit Required. Attach completed permit application.
 Project creates new or expands existing impervious surface greater than or equal to 1/2 acre – Erosion Control Permit and Stormwater Management Permit required. Attach completed permit application.

F Diagram – Show a sketch of project on reverse of this application with property lines, building, and setbacks or attach separate sheet. (Instruction sheet available upon request.)
see attached.

G Signature of Tenant and Signature of Owner _____

G
 Check box(es) which describe proposed use or construction (circle choice in parenthesis).
 N = New A = Addition R = Remodel

Residential:	N	A	R
Single Family	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Two-family (duplex)(other)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Multi-family	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Condominium / Townhouse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inclusions or Additions: <u>2 CAR, 1 STORY</u>			
Garage (attached) (detached)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Porch (enclosed) (open)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deck	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pool (in) (above) ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Barn (residential) (agriculture)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-residential:			
Commercial / Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stormwater:			
Stormwater <u>see plans</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:			
Change in use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Miscellaneous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Renewal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Office Use Only

Fees:	Type	Amount	Date Pd
Permit		\$ <u>200</u>	<u>8/1/11</u>
Recreation		\$ <u>626.00</u>	<u>8/14/11</u>
Recording		\$ <u>20</u>	<u>8/1/11</u>
Certificate of Occ		\$ <u>75</u>	<u>1/1</u>
Other		\$ _____	<u>1/1</u>

Approved Rejected Date 8/1/11
 Issued to: Turner Jr, Howard, and Felton
 Zoning Administrator: Sharon L. Kelley
 Notes: Erosion control pamphlet given.
note curbcut + water installation conditions
 C.O. Required Yes No

26'0"

GARAGE
21'8" X 26'0"

UNPAINTED

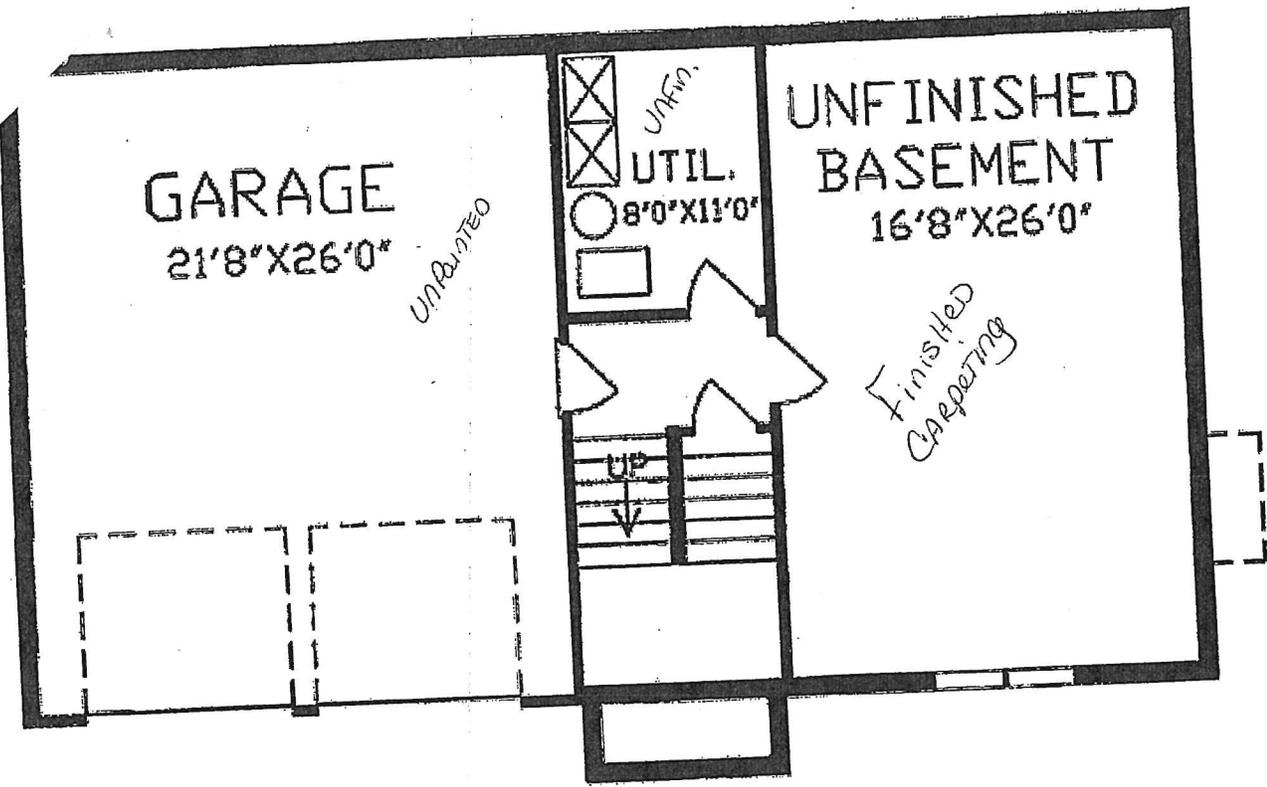
UNFIN.
UTIL.
8'0" X 11'0"

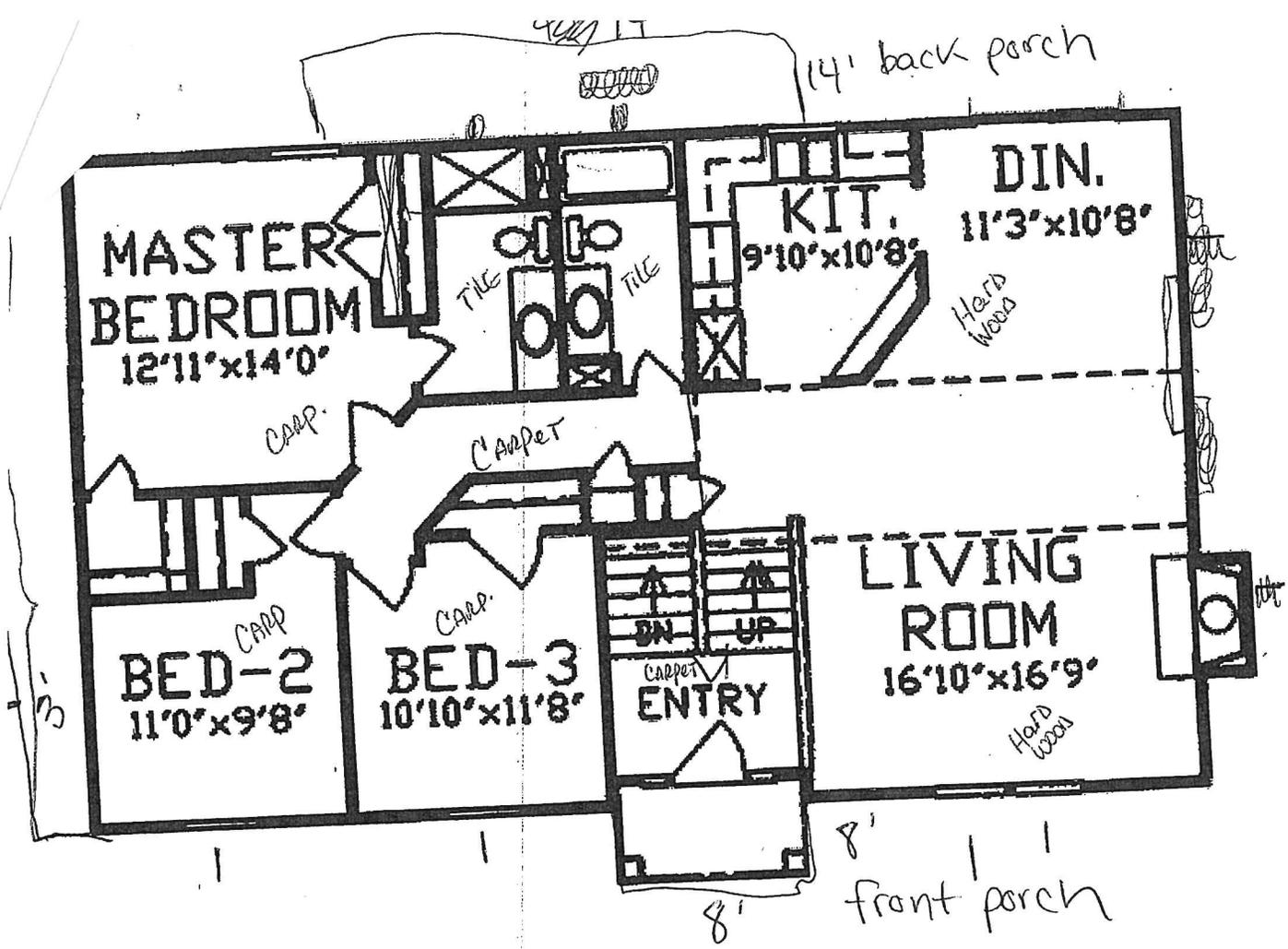
UNFINISHED
BASEMENT
16'8" X 26'0"

*Finished
CARPETING*

UP
↓

47'0"







TOWN OF ESSEX VERMONT

81 MAIN STREET, ESSEX JUNCTION, VERMONT 05452
Fax: 878-1353 • E-mail: manager@essex.org • Website: www.essex.org

August 11, 2011

Mr. Armand Turner
P.O. Box 665
Milton, Vermont 05468

RE: Water Applications for
3 Fern Hollow Road

Dear Mr. Steiner:

The Town of Essex has approved your application for water service to 3 Fern Hollow Road. Per the adopted Water Ordinance, the water operational charge will be billed from the date of the actual physical connection to the municipal water system.

A copy of the conditions and the approved method of construction for the service connection to the Town's water distribution system have been attached for your use. Please note, by signing the water application, you have agreed to all conditions, 1-12, listed on the approved application.

If you have any questions, please feel free to call.

Sincerely,

Aaron K. Martin, P.E.
Utilities Director / Assistant Town Engineer

Cc: Finance Department
Community Development

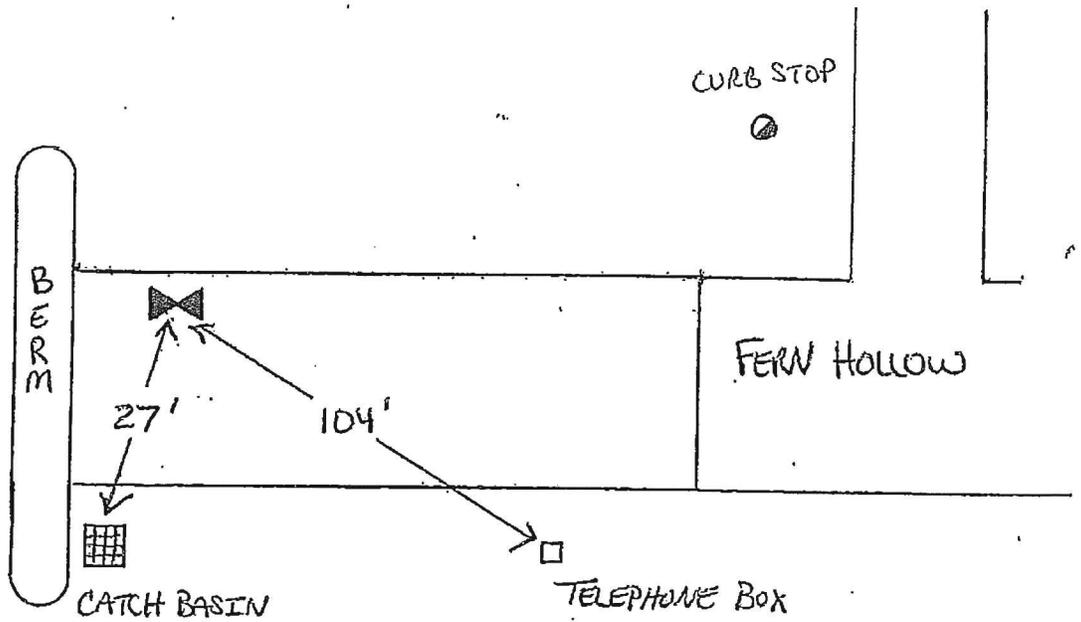
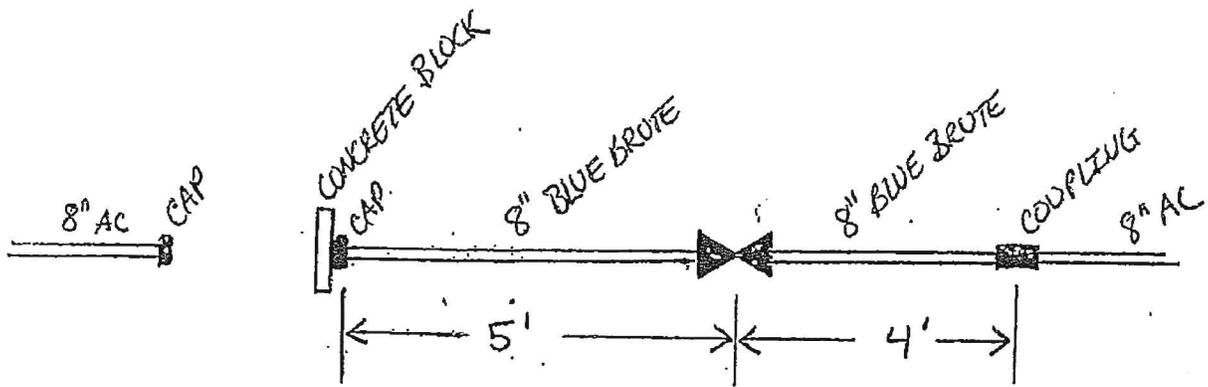
Attachments

S:\PWORKS\WATER - SEWER Connections\Approval Letters\3 Fern Hollow Road 8-11-11.doc

TOWN MANAGER	PARKS AND RECREATION	COMMUNITY DEVELOPMENT	PUBLIC WORKS	ASSESSOR	FINANCE	TOWN CLERK	LIBRARY	POLICE
878-1341	878-1342	878-1343	878-1344	878-1345	878-1359	879-0413	879-0313	878-8331

General Method of Construction

- 1) Shutoff of water main to be scheduled a minimum of 24 hours in advance; adjacent property owners to be notified.
- 2) Town to shutoff main line valves and control same
- 3) The contractor shall remove the existing thrust block from the end of the line and the cap from the end of the PVC main.
- 4) An 8"x 8"x 2" ductile iron tee shall be installed on the end of the PVC water main.
- 5) A minimum 6 foot long pipe extension of 8 inch AWWA C900 Class 150 (SDR18) shall be added to the end of the tee fitting. The extension shall be properly capped and an adequate thrust block installed to prevent blow-off of the cap.
- 6) Provide a section of 2 inch PVC C900, Class 150, SDR18 followed by a 2 inch gate valve, operable from the surface, followed by a an acceptable blow-off structure that is also thrust contained.
- 7) The household tap will be made to the section of existing PVC piping between the existing Town 8 inch gate valve and the new 8x 8x2 tee. A standard house service tap shall be installed as per Town specs along with a curb stop and a copper service line meeting Town specifications then laid to the house.
- 8) All portions of the new system shall be chlorinated prior to placement into service.



2011-123

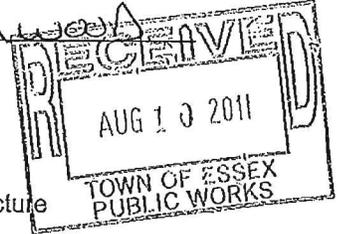
Lot 55-1
Fern Hollow

Town of Essex
Application for Water Service

Revised July 2007

The undersigned, being the owner / owner's agent of the property located at:

Street Address: 3 Fern Hollow Rd Development: Birchwood
Tax Map # 044 Tax Parcel 055 Tax Lot 001



Does hereby request a permit to initiate water service as noted below to
serve 1 unit(s) Residential Commercial Industrial structure

Installer / Contractor:

Name: Dale Pidgeon
Address: Fairfax, VT
Phone: 782-1193
Cell: _____

Property Owner:

Name: Armand Turner Jr.
Address: P.O. BOX 665, Milton, VT 05468
Phone: 802-893-0680
Cell: _____

Firm Performing Main Line Tap:

Name: Dale Pidgeon
Address: Fairfax, VT
Phone: 802-782-1193
Cell: _____

- 1.) The above requested service includes the installation of a 3/4" x 5/8" water meter for residential use and up to a 2" simple meter for non-residential use. The information necessary to determine the correct meter size shall be supplied by the applicant (minimum to maximum range of use). Meters 5/8", 3/4" and 1" shall be installed by the Town. Meters above 1" shall be installed by the owner/applicant or qualified representative.
- 2.) Property owner / agent is responsible for and must provide all necessary excavation from the main to the building or structure.
- 3.) Property owner / agent agrees to provide the Town a minimum of 24 hours notice prior to installation for inspection purposes. No part of the water line may be covered until it has been inspected by the Town Representative.
- 4.) Property owner / agent agrees to restore all disturbed areas to original condition after the installation of said water service.
- 5.) The water service can be turned on only by an employee of the Town of Essex Water Department.
- 6.) Meter spacers must be obtained from the Town of Essex Water Department.
- 7.) The owner / agent agrees that all installation and work will conform to the Town Public Works Specifications and the Water Ordinance and Regulations of the Town of Essex.

8.) In consideration of water service supplied by the Town of Essex Water Department, I agree to be responsible for payment of all bills rendered and for all water used by me, my tenants, successors in tenancy or in ownership, and all persons at above locations, unless and until proper notice is given to the Town Water Department of termination of service on a specific date. I also agree to abide by all rules and regulations established by the Essex Water Department. I also agree to additional conditions 9.) through 12.) below.

Signed: _____

Date: 8-8-11

PLEASE MAKE CHECK PAYABLE TO TOWN OF ESSEX WATER AND SEWER DEPARTMENT.
DO NOT COMBINE WITH ZONING PERMIT FEE.

All water services are subject to a service initiation fee as set by the Water/Sewer Fee Schedule adopted by the Selectboard. The following fee schedule shall apply to all municipal water connections.

FOR OFFICE USE ONLY:

200 gallons/day x \$ 4.85 = \$ 970 + \$1,000 = \$ 1,970.00

Connection Fee: \$ 1,970 Rcvd by: SK Date: 8-8-11 Finance Notified

Approved by: AKM Date: 08-02-11 Letter Sent Finance Notified

Inspected by: _____ Date: _____ Tie Drawing Finance Notified

Meter Installed Date: _____

Master List Updated: Approved Inspected Metered

Additional Conditions:

- 9.) The water service shall only be installed by a contractor approved in advance by the Town's Engineer. The Town reserves the right to deny approval to perform work on the Town water line to a contractor lacking this qualification.
- 10.) No excavation or work in the area of the Town waterline shall be performed without prior onsite approval by the Town.
- 11.) All construction associated with the municipal waterline service connection shall be done in accord with Town specifications and regulations and in accord with the attached drawings and sketches provided for this project by the Town and attached to this application.
- 12.) All costs associated with the service connection shall be borne by the applicant/owner, including the cost of all work on the Town water main associated with construction of the new water service line.

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER AND ORIGINAL DOCUMENT SECURITY SCREEN ON BACK WITH PADLOCK SECURITY ICON.

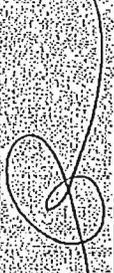
AWT, INC.
DBA LITTLE "A" WOOD FLOORS
P.O. BOX 665
MILTON VT 05468
PH: (802) 893-6473

KEYBANK N.A.
MILTON VT 05468
58-7233216
58-7233216

014008

8/18/11

PAY TO THE ORDER OF TOE, Water + Sewer Dept \$ 1970-
one thousand nine hundred and seventy 00/100 DOLLARS



AUTHORIZED SIGNATURE

MEMO

⑆014008⑆ ⑆21167253⑆ ⑆140003577⑆

MP

MP

Security Features Included: Details on Back

TO: Zoning Administration / Water/Sewer Bookkeeper

FROM: Public Works Department W/O # _____

The following service has been approved: Permit # 2011-123

Date: August 11, 2011

Name: Armand Turner

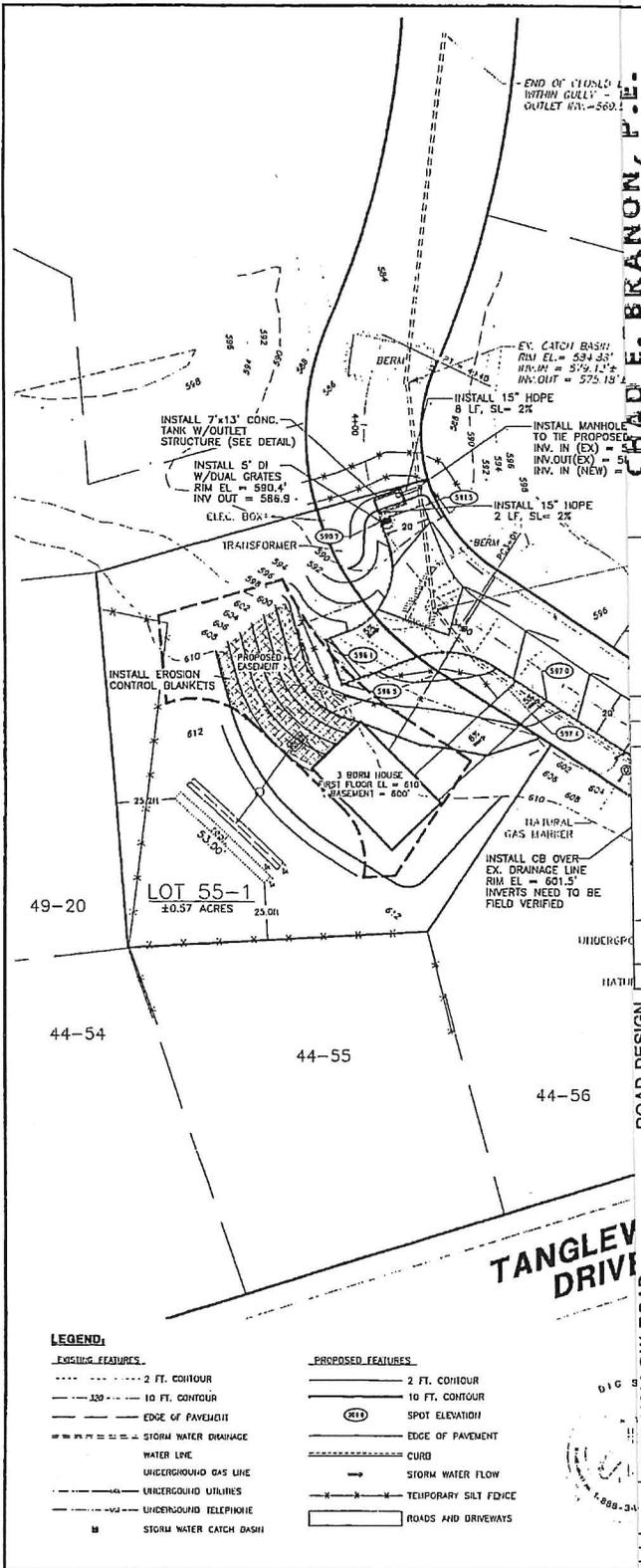
Street: 3 Fern Hollow Road

Lot #: 044/055/001

Water Sewer Both

Number of Gallons: 200

Initials: AKM



CHAD E. BRANON, P.E.

379 WEST HILL ROAD TROY, NH 03465
 TEL 603-489-5799 FAX 603-242-3670
 ENGINEERING - LAND PLANNING - PERMITTING - SEPTIC DESIGNS

REV.	DATE	DESCRIPTION
A	1/11/10	INITIAL PLAN
B	7/14/10	REVISIONS PER TOWN MOJO
C	1/11/11	REVISED DRAINAGE PER CLIENT & TOWN CEB
		CEB CEB
		CEB CEB
		DR 1 OF 2

ROAD DESIGN PLAN
 FERN HOLLOW ROAD
 ESSEX, VERMONT
ARMAND TURNER
 DATE: JANUARY 11, 2010
 SCALE: 1" = 30' HORZ. / 1" = 3' VERT.

EXISTING FEATURES	PROPOSED FEATURES
..... 2 FT. CONTOUR 2 FT. CONTOUR
----- 10 FT. CONTOUR	----- 10 FT. CONTOUR
----- EDGE OF PAVEMENT	(ELEV) SPOT ELEVATION
===== STORM WATER DRAINAGE	----- EDGE OF PAVEMENT
----- WATER LINE	----- CURB
----- UNDERGROUND GAS LINE	----- STORM WATER FLOW
----- UNDERGROUND UTILITIES	----- TEMPORARY SILT FENCE
----- UNDERGROUND TELEPHONE	----- ROADS AND DRIVEWAYS
■ STORM WATER CATCH BASIN	

S-1
 SHEET
 FILE: 110E02A
 PROJECT: 110.00
 SHEET NO.: 1 OF 2

1. ALL CONSTRUCTION SHALL CONFORM TO THE APPLICABLE REQUIREMENTS AND SPECIFICATIONS OF THE TOWN OF ESSEX. OTHERWISE, ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR CONSTRUCTION BOOK - STATE OF VERMONT AGENCY OF TRANSPORTATION."
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES SHOWN OR NOT SHOWN ON THESE PLANS AND SHALL VERIFY THAT ALL THE INFORMATION SHOWN HEREON IS CONSISTENT, COMPLETE, ACCURATE, AND CAN BE CONSTRUCTED PRIOR TO AND/OR DURING CONSTRUCTION. THE OWNER AND DESIGNER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES, ERRORS, OMISSIONS, OR EXISTING UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION SO THAT REMEDIAL ACTION MAY BE TAKEN BEFORE PROCEEDING WITH THE WORK.
3. THE OWNER AND/OR CONTRACTOR SHALL VERIFY ALL ZONING REQUIREMENTS FOR CONFORMANCE PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL CONTACT "DIGSAFE" 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
5. COMPLIANCE WITH ALL APPLICABLE REGULATIONS AND SPECIAL CONDITIONS OF TOWN/CITY AGENCIES, SUCH AS THE PLANNING BOARD, CONSERVATION COMMISSION, AND OTHERS, IS MANDATORY AND IS THE RESPONSIBILITY OF THE OWNER.
6. ANY ALTERATION OF THIS DESIGN OR CHANGE DURING CONSTRUCTION MAY REQUIRE APPROVAL OF VARIOUS TOWN BOARDS OR AGENCIES AND SHALL BE DISCUSSED WITH THE OWNER AND DESIGNER PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPROPRIATE TOWN DEPARTMENT PRIOR TO CONSTRUCTION TO ARRANGE FOR INSPECTIONS OF THE CONSTRUCTION OF APPLICABLE.
8. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ACCURATE AS-BUILT INFORMATION OF ALL WORK, ESPECIALLY UNDERGROUND CONSTRUCTION OF UTILITY LINES, SERVICES, CONNECTIONS, ETC. AND APPROPRIATE TIES TO EXISTING PERMANENT STRUCTURES, FIELD SURVEY COORDINATES, OR SOME OTHER METHOD OF ESTABLISHING THE AS-BUILT CONDITION OF ALL CONSTRUCTION. THIS INFORMATION SHALL BE PROVIDED TO THE OWNER UPON COMPLETION OF WORK.

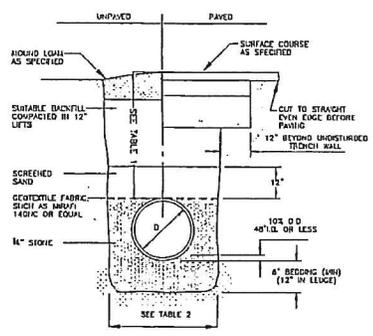
CONSTRUCTION NOTES

APRIL 16, 2008 **D-1**
SCALE: NONE

1. INSTALL PORTABLE BARRIERS AND SILTATION CONTROL FENCES IN LOCATIONS SHOWN ON PLANS. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY EARTH MOVING OPERATION.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE(S).
3. INSTALL SEDIMENT FILTER IN EXISTING CATCH-BASINS PRIOR TO CONSTRUCTION COMMENCING.
4. CUT AND CLEAR TREES; DISPOSE OF DEBRIS.
5. REMOVE TOPSOIL AND STOCKPILE AWAY FROM ANY WETLAND. STABILIZE STOCKPILE IMMEDIATELY BY SEEDING.
6. REMOVE EXISTING STRUCTURES NECESSARY TO PERMIT CONSTRUCTION AND OTHER SITE WORK AS REQUIRED.
7. ROUGH GRADE SITE AND CONSTRUCT ROAD. ALL CUT AND FILLOPS SHALL BE STABILIZED UPON COMPLETION OF ROUGH GRADING PER THE EROSION CONTROL NOTES.
8. INSTALL DRAINAGE PIPES AND STRUCTURES; PLACE SEDIMENT FILTERS AT INLETS OF ALL STRUCTURES WITHIN ROAD TO BE PAVED AND ALL NON-PAVED DISTURBED AREAS HAVE A HEALTHY VEGETATIVE COVER.
9. INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS AND AFTER ANY STORM WITH ONE HALF INCH OR MORE OF RAINFALL.
10. DAILY OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, CULVERTS, DITCHES, SILTATION FENCES, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
11. FINISH GRADING TO PREPARE FOR PAVING AND LOADING. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 72 HOURS AFTER FINAL GRADING.
12. THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION.
13. FINISH PAVING. PERMANENT SEEDING SHALL BE PERFORMED UPON COMPLETION OF PAVING (SEE EROSION CONTROL NOTES).
14. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED.
15. PROPERLY CLEAN ALL DRAINAGE BASINS, STRUCTURES, PIPES AND SIMPS WITHIN THE PROJECT LIMITS OF ALL SILT AND DEBRIS AT THE COMPLETION OF THE PROJECT.

CONSTRUCTION SEQUENCE

APRIL 16, 2008 **D-1**
SCALE: NONE



LOCATION	PIPE MATERIAL	MINIMUM COVER
PAVED ROADS	ALL	5 FT.
UNPAVED ROADS	ALL	3 FT.
DRAINWAYS	ALL	3 FT.
UNPAVED AREAS	ALL	3 FT.

INSIDE DIAMETER	TOTAL WIDTH
12" TO 24"	1.0 x 24"
OVER 24"	2 x ID.

NOTE: IF COVER IS LESS THAN 3 FEET, PIPE SHALL BE INSULATED WITH 2-INCH THICK INSULATED BOARD

SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE TYPICAL DRAINAGE TRENCH

SEPT 30, 2007 **D-1**
SCALE: NONE



NCE
11, 1993
D-1

4 AS NORTH STEEPER THAN 3:1.
5 11 GAUGE WIRE TRENCH OF 8 IN.
6 6" DEEP BY TRENCH THE TOP-OF STAPLES OR BACKFILL AND SOIL AND FIRM TIED SOIL. SECURE ACED APPROXIMATELY.

APPROPRIATE FASTENED TO TRENCH. REFER TO

ATELY 2"-5"

1/10 OVER 1/10 OF OVERLAPPED

1 GREATER THAN

CONTRACT HAS REPAIR OF AREAS TO RE-ESTABLISH COVERAGE AND

2, 2002
D-1
SCALE: NONE

CHAD E. BRANON, P.E.
379 WEST HILL ROAD TROY, NH 03465
TEL 603-499-5799 FAX 603-242-3670

ENGINEERING - LAND PLANNING - PERMITTING - SEPTIC DESIGNS

DATE	DESCRIPTION	BY
11/11/11	REV. 001	ARMAND TURNER
11/11/11	REV. 002	ARMAND TURNER
11/11/11	REV. 003	ARMAND TURNER
11/11/11	REV. 004	ARMAND TURNER
11/11/11	REV. 005	ARMAND TURNER
11/11/11	REV. 006	ARMAND TURNER
11/11/11	REV. 007	ARMAND TURNER
11/11/11	REV. 008	ARMAND TURNER
11/11/11	REV. 009	ARMAND TURNER
11/11/11	REV. 010	ARMAND TURNER

CONSTRUCTION DETAILS
ARMAND TURNER
FERN HOLLOW ROAD
ESSEX, VERMONT

D-1
SHEET
FILE: 110E00A
PROJECT: 110.00
SHEET NO: 2 OF 2

TOWN OF ESSEX, VERMONT
APPLICATION FOR CURB CUT / UTILITY PERMIT

Pursuant to Title 19 V.S.A. Section 43. Application for curb cut and Utility Installation in Town Right-of-Way

All applications for curb cuts and utility installations shall be submitted to the Director of Public Works / Town Engineer for review. Applicants shall submit the information requested on this form and any additional information requested by the Director of Public Works / Town Engineer for a clear understanding of this application. The permit is issued under authority of the Town Manager in accordance with Section 601 of the Town Charter and 24 V.S.A. paragraph 1236 (2).

Application No. _____ / _____
Date

Property Address: 3 Fern Hollow Rd
Owner Address: P.O. Box 665, Milton, VT 05468
Owner Name: Armand Turner Jr.
Phone Number: (home) _____ (work) 893-0680 (cell) 343-1098
Tax Map # 044 Tax Parcel 055 Tax Lot 001

Application is for: (check one)

A) New Curb Cut B) Utility Installation: Overhead Underground

Please use attached diagram to describe location and type of installation.

Comments be Director of Public Works / Town Engineer: See back page
Culvert: Yes No Water Bar(s): Yes No
Culvert Diameter: (18 inch minimum) _____ Total length of Culvert: (30 foot minimum) _____

*** FOR OFFICE USE ONLY ***

Signature of Owner: [Signature]

Fee Paid \$ NA

Approved Rejected
[Signature] 10 August 2011

Per Authority of the Town Manager by the
Director of Public Works / Town Engineer

1. Culvert must be HIGH DENSITY POLYETHYLENE (HDPE) PIPE
2. Culvert will be purchased by the Applicant
3. Culvert will be purchased and installed by the applicant. The Town of Essex Department of Public Works will inspect.

Note: A MINIMUM OF 24 HOURS NOTICE IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN 24 HOURS OF COMPLETION, THE APPLICANT IS REQUIRED TO NOTIFY THE DIRECTOR OF PUBLIC WORKS / TOWN ENGINEER FOR INSPECTION PURPOSES.



TOWN OF ESSEX VERMONT

*PW file
copy*

81 MAIN STREET, ESSEX JUNCTION, VERMONT 05452
Fax: 878-1353 • E-mail: manager@essex.org • Website: www.essex.org

3 March 2011

Armand Turner
P.O.Box 665
Milton, Vermont 05468

Dear Mr. Turner:

The Town of Essex has received final Plan Sheets, S-1 and D-1, from your engineer, Chad Brannon, P.E. for the extended drive, connection to the municipal water line and associated infrastructure in connection with your proposed building on Lot 55-1 on Fern Hollow Road. The plans area approved subject to the following conditions:

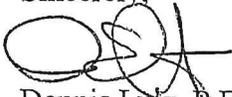
- 1) The water service shall be installed, after submittal and approval of the water service connection application, in accord with the conditions of the permit, including items 9 through 12 as noted on the attached application.
- 2) All erosion control features required on the approved plans shall be installed prior to the initiation of any construction. All protective erosion control measures shall be maintained throughout the project and only removed upon approval of the Town.
- 3) No construction of the road or site may start before 15 April 2011 without prior approval of the Town. A permit to work within the Town right of way will need to be signed and submitted. The permit will not allow work to begin until after April 15th.
- 4) The "additional stormwater metering structure" shown on the approved plans as noted to be done by others will not be installed.
- 5) Access to Lot E-17 shall be maintained at all times; upon project completion and final post-construction approval by the Town, access to the Town lands along Fern Hollow to the north of the project shall be kept open for Town equipment.
- 6) The project shall be installed in strict compliance with the approved drawings, sheets S-1 and D-1 and Town specifications. If changes to the plans are necessary due to changed conditions, the changes shall be approved first by the design engineer, Chad Brannon, P.E., before approaching the Town for approval on the change. A copy of the approved plans shall be onsite at all times that construction is underway.
- 7) Upon completion of the project, the design engineer shall certify that the project was built in accord with the plans. Any changes to the plans shall be marked on

TOWN MANAGER	PARKS AND RECREATION	COMMUNITY DEVELOPMENT	PUBLIC WORKS	ASSESSOR	FINANCE	TOWN CLERK	LIBRARY	POLICE
878-1341	878-1342	878-1343	878-1344	878-1345	878-1359	879-0413	879-0313	878-8331

- the approved plans and provided to the Town upon project completion in the form of project as-builts.
- 8) All disturbed areas shall be seeded and mulched as quickly after the soil is disturbed as possible, but no later than 24 hours following final grade placement.
 - 9) All construction shall also be done in accord with the document entitled "Town of Essex Small Site Erosion Control Guide" and a copy shall be kept on site at all times that construction is underway.
 - 10) A pre-construction meeting shall be held onsite after all erosion control features have been installed and immediately prior to start of any construction within the Town right of way or onsite.

Questions relating to the approval should be directed to the Public Works offices at 802-878-1344.

Sincerely,

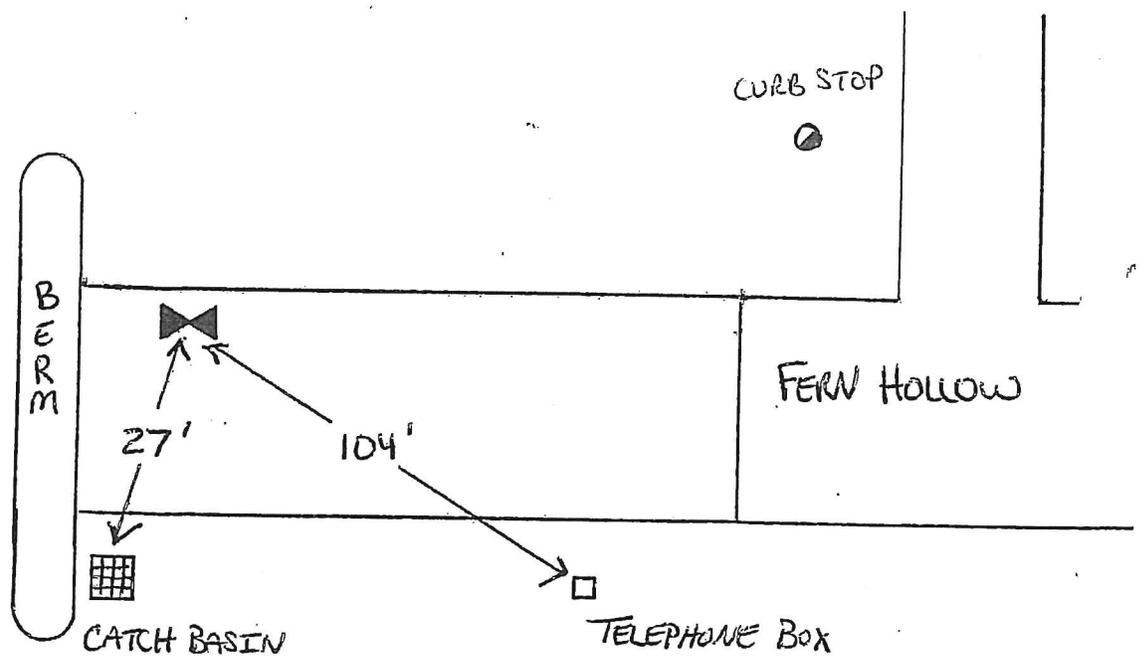
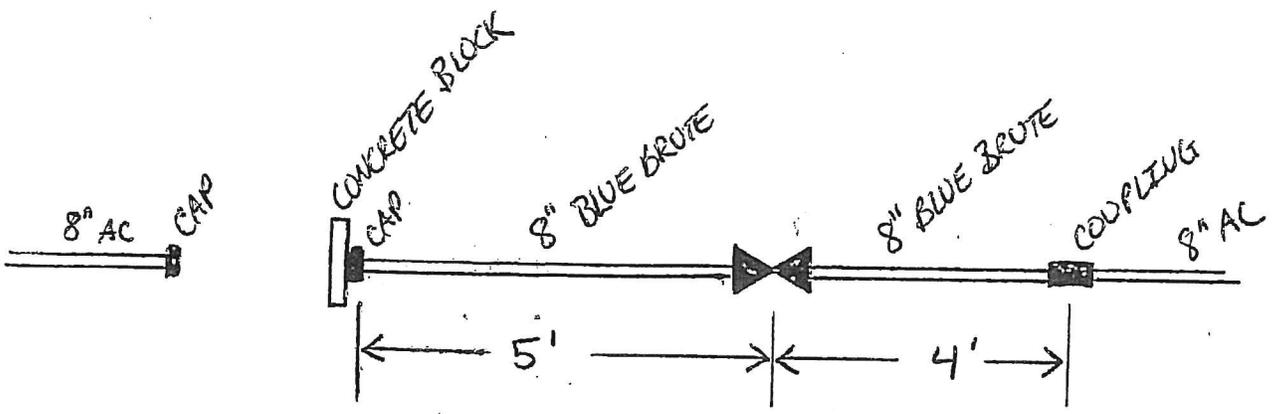
A handwritten signature in black ink, appearing to read "Dennis Lutz", written over a circular stamp or seal.

Dennis Lutz, P.E.
Public Works Director/Town Engineer

CC: Chad Brannon, P.E.
Sharon Kelley

General Method of Construction

- 1) Shutoff of water main to be scheduled a minimum of 24 hours in advance; adjacent property owners to be notified.
- 2) Town to shutoff main line valves and control same
- 3) The contractor shall remove the existing thrust block from the end of the line and the cap from the end of the PVC main.
- 4) An 8"x 8"x 2" ductile iron tee shall be installed on the end of the PVC water main.
- 5) A minimum 6 foot long pipe extension of 8 inch AWWA C900 Class 150 (SDR18) shall be added to the end of the tee fitting. The extension shall be properly capped and an adequate thrust block installed to prevent blow-off of the cap.
- 6) Provide a section of 2 inch PVC C900, Class 150, SDR18 followed by a 2 inch gate valve, operable from the surface, followed by a an acceptable blow-off structure that is also thrust contained.
- 7) The household tap will be made to the section of existing PVC piping between the existing Town 8 inch gate valve and the new 8x 8x2 tee. A standard house service tap shall be installed as per Town specs along with a curb stop and a copper service line meeting Town specifications then laid to the house.
- 8) All portions of the new system shall be chlorinated prior to placement into service.



WASTEWATER SYSTEM AND POTABLE WATER SUPPLY PERMIT**LAWS/REGULATIONS INVOLVED**

10 V.S.A. Chapter 64, Potable Water Supply and Wastewater System Permit
Wastewater System and Potable Water Supply Rules, Effective September 29, 2007
Chapter 21, Water Supply Rules, Effective April 25, 2005

Permit Number: WW-4-3546

PIN:

Landowner: Bonnie Howard
Armand Turner, Jr.
P.O. Box 665
Milton VT 05468

Donald Tedford
375 Swamp Road
Fairfax VT 05454

This permit affects property identified as Town Tax Parcel ID # Essex: 2044055001 and referenced in deeds recorded in Book 813 Page(s) 468-470 of the Land Records in Essex, Vermont.

This project, to construct a three bedroom single family residence on existing Lot H-6 (0.57 acre +/-), served by municipal water service and onsite wastewater disposal system, located on 3 Fern Hollow road in Essex, Vermont, is hereby approved under the requirements of the regulations named above subject to the following conditions.

1. GENERAL

- 1.1 The project shall be completed as shown on the application, plans and/or documents prepared by David A. Tudhope, with the stamped plans listed as follows:

Sheet Number	Title	Plan Date	Plan Revision Date
1	Fern Hollow Site	11/23/2009	/ /
2	Septic Details	11/23/2009	/ /

- 1.2 The project shall not deviate from the stamped plans in a manner that would change or affect the exterior water supply or wastewater disposal systems, building location, or, the approved use of the building, without prior review and written approval from the Wastewater Management Division.
- 1.3 This permit does not relieve the landowner from obtaining all other approvals and permits as may be required from the Act 250 District Environmental Commission, the Department of Environmental Conservation, Water Supply Division – telephone (802) 241-3400, Water Quality Division – telephone (802) 241-3770, the Department Public Safety, Division of Fire Safety– telephone (802) 879-2300, the Department of Health – telephone (802) 863-7221, and local officials **prior** to proceeding with this project.
- 1.4 The conditions of this permit shall run with the land and will be binding upon and enforceable against the landowner and all assigns and successors in interest. The landowner shall be responsible for the



recording of this permit in the Essex Land Records within thirty, (30) days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.

- 1.5 Each prospective purchaser of the lot shall be shown copies of the Wastewater System And Potable Water Supply Permit and the stamped plans prior to conveyance of the lot.
- 1.6 This project has been reviewed and approved for the construction of a single family residence on the lot.
- 1.7 By acceptance of this permit, the landowner agrees to allow representatives of the State of Vermont access to the property subject to this permit, at reasonable times, for the purpose of ascertaining compliance with Vermont environmental/health statutes, regulations, and permit conditions, including performing an inspection of the wastewater disposal and water supply systems serving the structure.
- 1.8 In issuing this permit, the Division has relied upon the licensed designer's certification that the design-related information submitted was true and correct, and complies with the Vermont Wastewater System and Potable Water Supply Rules and the Vermont Water Supply Rules. This permit may be revoked if it is determined that the project does not comply with these Rules.
- 1.9 Any person aggrieved by this permit may appeal to the Environmental Court within 30 days of the date of issuance of this permit in accordance with 10 V.S.A. Chapter 220 and the Vermont Rules of Environmental Court Proceedings.

2. WATER SUPPLY

- 2.1 No permit issued by the Secretary shall remain valid after substantial completion of a potable water supply until the Secretary receives a signed and dated certification from a designer or an installer, as specified in the permit, that states:

"I hereby certify that in the exercise of my reasonable professional judgment the installation-related information submitted is true and correct and the potable water supply was installed in accordance with: the permitted design and all permit conditions; or record drawings and such record drawings are in compliance with the applicable rules, were filed with the Secretary, and are in accordance with all other permit conditions; was inspected; was properly tested; and has successfully met those performance tests."

This certification shall include the water supply system and water service line to the residence. Compliance with this condition is required prior to occupancy of the structure.

- 2.2 This project is approved for connection to the municipal water system as depicted on the stamped plans. No changes to the water supply shall be allowed without prior review and approval by the Wastewater Management Division.

3. WASTEWATER DISPOSAL

- 3.1 No permit issued by the Secretary shall remain valid after substantial completion of a wastewater system until the Secretary receives a signed and dated certification from a designer or an installer, as specified in the permit, that states:

"I hereby certify that in the exercise of my reasonable professional judgment the installation-related information submitted is true and correct and the wastewater system was installed in accordance with: the permitted design and all permit conditions; or record drawings and such record drawings are in compliance with the applicable rules, were filed with the Secretary, and are in accordance with all other permit conditions; was inspected; was properly tested; and has successfully met those performance tests."

This certification shall include the wastewater system and wastewater service line to the residence. Compliance with this condition is required prior to occupancy of the structure.

- 3.2 The project is approved for wastewater disposal by construction and utilization of the site-specific wastewater disposal system depicted on the stamped plans. The Wastewater Management Division is to be notified, if at any time this system fails to function properly and/or creates a health hazard. The Wastewater Management Division shall allow no other method, or location of wastewater disposal without prior review and approval.

- 3.3 The soil-based, wastewater treatment and disposal system approved for this project shall be routinely and reliably inspected during construction by a qualified consultant who has been determined acceptable by the Wastewater Management Division, who shall, upon completion and prior to occupancy, report in writing to the Division that the installation was accomplished in accordance with the stamped plans and permit conditions.
- 3.4 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or operation of the wastewater disposal system are allowed on or near the site-specific wastewater disposal system or replacement area depicted on the stamped plans. All isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules will be incorporated into the construction and installation of the wastewater disposal field. Compliance with these isolation distances is required.
- 3.5 The future wastewater disposal "replacement area" designated on the stamped plans shall be held in reserve for the eventual construction of a replacement wastewater disposal system in the event of the failure of the primary wastewater disposal system. Prior to construction of the replacement wastewater disposal system, the landowner shall submit an application, fee and engineering plans for review and approval by the Wastewater Management Division.
- 3.6 The approved wastewater disposal system has been designed to serve a three bedroom single-family residence, with a maximum design flow of 420 gallons of wastewater per day. Prior to any increase in bedrooms, the landowner shall submit an application, fee, and engineering plans for review and approval by the Wastewater Management Division.

Justin G. Johnson, Commissioner
Department of Environmental Conservation

By *Dolores M Eckert*
Dolores M. Eckert, Assistant Regional Engineer
Dated August 20, 2010

cc: Essex Planning Commission
David A. Tudhope

Appendix B

Town of Essex Erosion and Sediment Control Permit Application

A permit is required per Section §10.20.065 of the Town Storm Water Ordinance when one acre or more of land is disturbed, except as exempted for certain activities under the Ordinance, or when a Storm Water Management plan is required. Completion of this permit is not required if an Erosion and Sediment Control Plan has been prepared for coverage under the State of Vermont General Permit. Plans and information required for issuance of the Erosion and Sediment Control Permit may be included within Site Plans or Subdivision Plans required by the Town.

The application consists of the following seven components: (1) administrative data (2) a narrative statement (3) a location map (if not provided as a component of other submitted plans) (4) an existing conditions site plan (5) an erosion and sediment control site plan(s) (6) a permit fee and (7) an applicant certification.

Item 1, Administrative Data:

- 1. Applicant Name: ARMANDO W. TURNER
(Person or corporation to whom the permit will be issued)
- 2. Legal Entity: ARMANDO W. TURNER
(Individual, corporation, partnership, firm, other)
- 3. Mailing Address: PO BOX 665
MILTON, VT 05468
- 4. Contact: BONNIE TURNER Telephone: 802-734-1251
(Person to contact regarding the application) Fax: 802-893-6473
E-Mail: BTURNER@TURNERGROUPPHOTOS.COM

Item 2, Narrative:

Provide a general written description of the project, containing the following information:

SEE APPROVED SITE PLAN

- Site inventory and analysis, with name and location of all affected streams, general topography, soils and type of vegetation and the calculation of disturbed land acreage
- A description of the proposed grading plan and a timetable by project phase from start of project to completion, including winter shutdowns if applicable
- A description of the strategies of the erosion and sediment control plan and how it will protect the nearby watercourses
- A discussion of the seeding and mulching plan
- A description of the erosion and sediment control measures, both temporary and permanent
- A copy of the supporting design calculations
- A discussion of the proposed maintenance and inspection plan

Item 3, Location Map:

Provide a 7½ minute U.S.G.S. quadrangle map or equal that shows:

SEE APPROVED SITE PLAN

- The proximity of the site to any surface water bodies
- Property lines
- Any significant features affected by the project

Item 4, Existing Site Conditions Map:

Provide an existing conditions map on a scale of 1 inch = 100 feet or larger with the following information: *SEE APPROVED SITE PLANS*

- Existing topographic features with a minimum of five-foot contours
- Existing soils and general vegetative cover types
- Existing drainage ways, water features and FEMA identified floodplains
- Identification of sensitive areas including slopes greater than 25% and wetlands
- Basic site and plan data with property lines, scale, elevation USGS datum or similar

Item 5, An Erosion and Sediment Control Site Plan:

Provide a site plan that depicts the location of all erosion and sediment control measures, the timetable for the work and the sequencing of the control measures, including:

SEE APPROVED SITE PLAN

- The limits of the disturbed area and phases as applicable
- Any riparian conservation buffer limits and the method to be used for demarcation
- The location of all temporary and permanent erosion and sediment control measures and details supporting the measures
- The location of all soil stockpiles and areas to be seeded/mulched and timetables
- Chart of the inspection and maintenance frequency for all control measures, to include street sweeping of affected roads both new and existing, cleaning of existing catch basins
- Details of construction including storm water inlet protection, stabilized entrance construction, silt fence construction, permanent rock check-dams
- Designated responsible party with contact information

Item 6, Permit Fee:

A permit fee of \$300 plus an additional \$100 per acre of disturbed area shall be paid at the time of permit application.

Item 7, Applicant Certification:

I, ARMAND TURNER (Name of Applicant), hereby certify that the application as submitted is accurate to the best of my knowledge, and that I will take all steps necessary to comply with the erosion and sediment controls as submitted or as required as a condition of approval by the Town.

(Signature of Applicant) 8-22-11
(Date)

- Approved as submitted
- Approved with conditions as attached

(Town of Essex Representative) 23 August 2011
(Date)

All construction to be done in accord with Town of Essex small site erosion control guide and approved site plan -