

BARTLETT

BARION

CA 2001 033961

1

Edmund Dawson 3450

APPROVAL FOR CONSTRUCTION

CA2001033961

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

APPROVAL NO.

CA2001033961

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

OWNER:

WILLIAM BARTON
PO BOX 86
EATON NH 03832

Map No./Lot No.: 2 LNDRH / 029000
Subd. Appvl. No. 829
Subd. Name: LINDERHOFF
County: CARROLL
Registry Book No.: 641
Registry Page No.: 487
Probate Docket No.:
(If Applicable)

COPY SENT TO:

TOWN OF BARTLETT
RFD 1 BOX 49
INTERVALE NH 03845

Type of System: 3 BR
450 GPD
Town/City Location: BARTLETT

BY APPLICANT: PERMIT NO.

01141

THADDEUS THORNE SURVEYS
PO BOX 57
CENTER CONWAY NH 03813

Street Location

GRAZ PLACE


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 in clean tailed septic systems and auto parts
(Env Ws 410.05)

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

1. NO OPERATIONAL APPROVAL UNTIL WATER SERVICE IS AT LOT LINE, PER ENV-WS 1004.06.

Approved this date: 05/14/2001
Date amended: _____

By: 
STANISLAW BOMBA
N.H. Department of Environmental Services Staff

Amended by: _____ (OVER)

APPROVAL FOR OPERATION

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RFD 1 BOX 49
INTERVALE NH 03845-

Type of System: 0
3 BR
450 GPD
Town/City Location: BARTLETT

Street Location GRAZ PLACE

Installer Edward Davidson Permit No. 3450

Owner Installed For His/Her Domicile

Was Inspected On (Date) 25 July, 2 Aug 2001
Before Covering And is Hereby Approved For Use.

Date Approved: 11 2 Aug 2001

By: [Signature]
Authorized Agent Of N.H. Department of
Environmental Services

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(Env-Ws 410.05)

REVISED 6/97

(OVER)

() Data Input

() Expedite

Construction Approval No. CA 2001033961

CONSTRUCTION APPROVAL CHECKLIST

Work No. 2572

TOWN: _____
SUBDIVISION NAME: _____
Owner: _____
SIZE: J (BR) FLOW: 450 (GPD)
DESCRIPTION/TYPE OF SYSTEM: _____

SUBDIVISION APPROVAL NO: 829
LOT NUMBER/UNIT NUMBER: 029003

- ✓ 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 # _____

- Status: 1. New 4. Revised
2. Replacement 5. Other
3. Amended

RETURN DATE:

BY: _____

RETURN REASON:

RESUBMITTAL DATE:

APPLICATION DATE: 5/11/01

SITE INSPECTION DATE: _____

PROJECT COORDINATOR: _____

APPROVALS REQUIRED: D&F _____ 485-A:17 _____ WS _____ (UIC)GWP _____ Other _____

SOILS GROUP: 2 TYPE: MFC LOT SIZE: 22346 SF

PERC. RATE: 8 mm? AMEND: _____ APPROVAL DATE: MAY 14 2001

CONDITIONS: 4 + 8

APPROVED BY: [Signature]

(LIMIT-2 CONDITIONS - 62 CHARACTERS EACH)

(OVER)

DESIGN INTENT

() OK ON PLAN

NOTE: () Gravity System () Other

Bed bottom to be set:

to maintain:

- () no deeper than " below the original ground. () min. above the reported/any S.H.W.T.
- () no less than 0.67' above the original ground. () min. above the reported/any ledge depth.
- () no lower than the original ground at high contour. () min. above the reported/any impermeable soil.
- () Fill spec. OK.

1. DESIGNER'S SEAL
2. TOWN APPROVAL (stamp and/or signature required)
3. P.E. STAMP (systems greater than 2500 GPD, 600 GPD on ledge lots - same person as designer).
4. TWO (preferably 3) COPIES
5. SCALE 1" = 20' Plan
6. SIZE - fold to 8 1/2 X 11", location plan and title showing.
7. LOT PLAN - with dimensions and area shown.
8. BUILDINGS - existing and proposed shown.
9. WELL - location & radius (keep radius within lot lines if possible).
10. WATER PIPES - proposed & existing from well or main.
11. DISPOSAL SYSTEM SCALE PLAN - all proposed components & piping.
12. SEPTIC TANK - location, size, volume, material.
13. SECTION THRU SYSTEM - show original grade profile.
14. KEY ELEVATIONS & INVERTS
15. PIPE SLOPES & SIZE - recommend Sch 40 or Cast Iron thru foundation to tank.
16. MANUFACTURE, SPECIFICATIONS & MATERIALS - all key components; include tanks, D-Box, pumps & piping.
17. TOPO - 2 foot contours, 75' all direction from proposed system, including detail beyond property line.
18. LEACHING PIPE - statement pipes are to be level.
19. SEPTIC STONE indicate specifications.
20. CHAMBER DETAILS - vents, wire mesh, flow distribution (40% non-commercial dwellings only).
21. PRESSURE DISTRIBUTION - calculations, basal area delineation and construction requirements.
22. LOCATION PLAN - with detailed directions to site, include mileages from intersections, poles (show number) and landmarks.
23. MINIMUM 3" LOAM SLOPE - shown for raised systems.
24. SEALANTS - specify for pipe penetrations & tank joints (not roof tar).
25. SURFACE WATER - nearest location, include seasonal wet areas & channels - state if none within 75'.
26. LEDGE - outcrops or boulders greater than six foot diameter, within 75 feet of system.
27. FOUNDATION DRAINS & OUTLET LOCATION - if none, so state.
28. BENCH MARK - permanent, close to & within sight of system
29. TIES TO FIELD - at least two to permanent or semi-permanent control points.
30. USE - indicate if residential or commercial and type of facility, within flow calculations, i.e. condo, apartment, restaurant, office, etc.
31. FLOW CALCULATIONS (or bedroom count for residential).
32. TEST PIT - location & depth to ledge, impervious & S.H.W.T. mark with stakes and numbers in field.
33. SOILS LOG - descriptions of types & properties including color, texture, structure, consistency and depth to molling.
34. SOILS CLASSIFICATION - SCS survey data & copy of mapping with locus. Clearly show number or abbreviation.
35. PERCOLATION TEST - location, depth & rate.
36. PUMP SYSTEM - specs., detail, dose volume, pump size, wiring spec, valves & piping, controls & control elevations, alarm, capacity and heads of pumps.
37. REPLACEMENT SYSTEM - location or narrative to indicate failure or reason for new design.
38. HOLDING TANKS - waiver form, 2000 gallons minimum, alarm, water tight.
39. RECEIVING AREA/LAYER - adequate (75 feet); HYDRIC BOUNDARIES
40. MINIMUM - system 300 GPD system design size (300 GPD commercial).

ATTACH ADDITIONAL CONDITIONS, ETC. TO BE TYPED ON APPROVAL ("REMARKS" ON BOTTOM OF REVERSE SIDE - TYPED BY W. PROC. AS CONDITIONS ON APPROVAL)



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

Subsurface Systems Bureau
6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
603-271-3501 FAX 603-271-6683
TDD Access: Relay NH 1-800-735-2964



200102572

APPLICATION FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM APPROVAL

FOR OFFICE USE ONLY
Fee Paid 80.00 Date Received MAY 11 2001 TOTAL FEE \$80.00
Check No. 107 Waiver Request Holding Tank

PLEASE PRINT OR WRITE LEGIBLY, COMPLETE ENTIRE FORM

- 1. System Location: CITY/TOWN: Bartlett CITY/TOWN APPROVAL OBTAINED: YES IF YES/DATE 5/9/01
STREET/LOCATION: Graz Place LOT NO: 029000 TAX MAP NO: 2 LNDRH
SUBDIVISION NAME: Linderhoff REGISTRY BOOK NO. 641 PAGE NO: 487
STATE APPROVAL NO. 829 COUNTY: Carroll PROBATE NO. (If Applicable)
2. Water Supply: MUNICIPAL WATER SUPPLY COMMUNITY x WELL ON LOT OTHER
3. Lot OWNER'S Name: Dill Barton STREET: PO Box 86
CITY/TOWN: Eaton STATE: NH ZIP: 03832 TEL.NO:
4. APPLICANT'S Name: Thaddeus Thorne Surveys STREET: 1164 Brownfield Road, PO Box 57
CITY/TOWN: Center Conway STATE: NH ZIP: 03813 TEL.NO: (603) 447-2254
Designer's Name: Mia Gannon Permit No. 1141 P.E.:
5. Amended Plan Revised Plan Previous Construction Approval No.

THE STATEMENT BELOW MUST BE SIGNED AND DATED BY THE APPLICANT AND OWNER(S)

Owner(s): THE UNDERSIGNED CERTIFY THAT THEY ARE THE PRESENT OWNERS OF THE PROPERTY BEING APPLIED FOR AND THAT THEY HAVE SEEN THE PLANS AND THEY ARE IN ACCORDANCE WITH THEIR NEEDS AND DESIRES. THE UNDERSIGNED FULLY UNDERSTANDS THAT SHOULD THIS MAY BE APPROVED, NO WAIVERS TO THE CONSTRUCTION APPROVAL WILL BE ALLOWED. ANY CHANGES WILL REQUIRE A NEW SUBMISSION (WITH FEE), REVIEW AND APPROVAL.

Date: 5/4/01 Signed: [Signature] Owner(s) By

Applicant: To the best of my knowledge, the data and information which I have submitted to obtain approval for construction from the New Hampshire Department of Environmental Services is true and correct. I understand that an approval based upon incorrect data may be subject to revocation. I also understand that NO CONSTRUCTION OF ANY STRUCTURE SERVICED BY THE PROPOSED SYSTEM, NOR THE SYSTEM ITSELF, MAY COMMENCE WITHOUT PRIOR WRITTEN DEPARTMENT APPROVAL. I HAVE COMPLIED WITH ALL LOCAL REGULATIONS OR ORDINANCES RELATIVE TO CONSTRUCTION OF SEWAGE DISPOSAL SYSTEMS AND HAVE OBTAINED ALL OTHER APPROVALS THAT MAY BE REQUIRED FOR OTHER WORK RELATED TO CONSTRUCTION OF THE SEWAGE DISPOSAL SYSTEM. The applicant herewith certifies, where applicable, that the approved off-site, municipal or community, water supply is available at the lot line.

Date: 4/10/01 Signed: Mia Gannon Applicant Permit No. 1141

Shoreland Protection Certification

Introduction

The New Hampshire Shoreland Protection Act (RSA 483-B) requires that applicants for environmental permits which involve work in the protected shoreland "demonstrate to the satisfaction of the department (of environmental services) that the proposal meets or exceeds the development standards of this chapter." The certification contained herein is an acceptable vehicle for such a demonstration.

- The protected shoreland is defined to be all land located within 250 feet of a reference line. The reference line means:
(a) For natural fresh water bodies without artificial impoundments, the natural mean high water level as determined by the Department of Environmental Services.
(b) For artificially impounded fresh water bodies with established flowage rights, the limit of the flowage rights, and for water bodies without established flowage rights, the waterline at full pond as determined by the elevation of the spillway crest.
(c) For coastal waters, the highest observable tide line, which means a line defining the furthest landward limit of tidal flow, not including storm events, which can be recognized by indicators such as the presence of a strand line of flotsam and debris, the land ward margin of salt tolerant vegetation, or a physical barrier that blocks further flow of the tide.
(d) For rivers, the ordinary high water mark.

In the case of rivers, the law applies to all fourth order or higher streams of the state with the exception of rivers or river segments designated for management and protection under RSA 483 prior to January 1, 1993. Lists of fourth order and higher streams and river segments designated under RSA 483 are available at no cost from the Department of Environmental Services.

Statement of Compliance

1) Will the project for which a permit is hereby requested involve construction, land clearing, or other development within the protected shoreland as defined above?
Answer yes or no. Answer NO

2) If the project involves construction, land clearing, or other development within the protected shoreland, will it meet or exceed the development standards of RSA 483-B? Answer yes, or not applicable. Answer NA

If not applicable, state why not in the shoreland area

(Note: the development standards are not applicable in only three situations: (1) the project is not located in the protected shoreland, (2) the activities are exempted under section 182-B:IV or section 483-B:19, of the Act or (3) the Commissioner of the Department of Environmental Services has granted a variance from a specific standard.)

Certification

As owner or agent for the owner of the subject property, by my signature below, I certify that:

- My responses to questions 1 and 2 above are correct to the best of my knowledge,
- I am familiar with the requirements of RSA 483-B and have knowledge of the development activities which will be undertaken,
- The plans and other information submitted with this permit application provide a complete description of the project and demonstrate how compliance will be accomplished, and
- I understand that false information given in this certification may result in revocation of any permit granted by the Department of Environmental Services as a result of this application, liability for remediation or restoration of the land affected, fines up to \$20,000 for each day of continuing violation, imprisonment or other penalties.

Certified by Mia Gannon Date 4/10/01
Name (print or type) Mia Gannon owner or agent (circle one)

YOU MUST SUBMIT THE FOLLOWING INFORMATION (Put all information on plans)

- Two (2) sets of scale plans (one inch = 20 feet) (3 sets if designer wants a return copy of plan) showing all lot dimensions and indicating the distance to and location of existing and proposed buildings, wells, and waste disposal systems. If the proposed system or well is closer than seventy-five (75) feet to a boundary, you will need to indicate what is on the adjoining lot. If the lot is so large that it cannot be scaled 1" = 20' on your drawing, two copies of a scale plan with a larger scale must also be submitted. The 1:20 scale plan must also contain pertinent elevation data and location of test pits and percolation test holes. All plans must be folded to 8½" x 11". Show areas of exposed ledge or boulders greater than 6" in diameter within 75' of proposed system.
 - Specific directions so that inspector may easily drive to and find the site. Include mileage referenced from intersections or landmarks to this site. This shall be indicated on a USGS quadrangle map or other suitable location plan.
 - Distance and location of nearest surface water in relation to disposal system (must be a minimum of 75' from all lakes, streams, ponds and swamps whether intermittent or year round). If nearest surface water is greater than 75' away a statement to that effect.
 - a. Location of proposed and existing drinking water supply lines. Soil Data (to be determined in leaching area for each system indicate where and when tests were taken). Percolation test data including rate and depth of test.
 - Test Pit Log:
 - Show depth from original ground surface to the observed water table.
 - Show depth to seasonal high water table (springtime). This may be an estimate based on mottling, NRCS data, etc., (water table must be four (4) feet below the bed during all seasons of the year).
 - Show depth from original ground surface to impermeable substratum (i.e. clay or ledge). Clay and hardpan will be considered impermeable unless proven otherwise. Bottom of leach bed, field or dry well must be six (6) feet above any ledge or other impermeable substratum on lots with wells; and a minimum of 4 feet above ledge, etc., on lots with approved off-lot water supplies (municipal or community). P.E. required for ledge lots where system will be greater than 600 GPD.
 - Soil description of the predominant soil layers including color notations from the Munsell Soil Color book.
 - Soil survey data for the lot. This information is available at the Local Soil Conservation District office. When taken from current soil map, a copy designating locus and site will be acceptable (state reference number).
 - Where fill is required, filled area must extend a minimum of five (5) feet in all direction beyond the edge of the bed at same elevation as top of the bed before tapering off at a 3:1 slope (3 horizontal to 1 vertical). A minimum of 3" of loam must be placed around the outside of bed to prevent lateral seepage of sewage. All topsoil, roots and organic matter under the leaching system must be removed before fill is placed. Show fill details and material specification on cross section.
 - Number of bedrooms or estimated sewage load in gallons per day.
 - Ground surface elevations for the lot showing the slope of the land at two foot contour intervals. Sufficient spot elevations are required to verify level lots. Show original and proposed contours. Reference contours to a benchmark located near the proposed systems. This topographical information must appear on the 1:20 scale plan.
 - Liquid capacity of septic tank, details and materials of construction.
 - Scale plan of leaching system with construction details and dimensions. Show sill elevations, invert elevations at building exit, inlet and outlet from septic tank, inlet and outlet from distribution box, invert of leach lines and bottom elevation of leaching area. Inverts must be referenced to your benchmark. Invert may be best indicated on your cross section or profile sections.
 - Make, type and capacity of sewage pump, pump well, discharge line, siphons, siphon chambers, etc. (when used)
 - Number of outlets and name of manufacturer of distribution box (all laterals must be directly connected to distribution box, i.e., no tees in the middle of the bed or field will be allowed)
 - Cross section of leaching trench, leaching bed, or dry well showing all construction details (In leach bed, lines should be uniformly spaced from 3 to 5 feet on center and half of that distance in from the edge of the bed; present requirements for dry wells are 6" minimum of stone around sides of dry well and 1 foot minimum of stone under dry well). Show all fill details on cross section.
 - Type and size of stone. Must be clean and meet septic stone specifications.
 - Type, size and manufacturer of leaching pipe
 - Type of leaching pipe joints for perforated pipes. (Leach lines shall be interconnected or capped at the end.)
 - Statement that leaching pipes and bottom of leaching area will be laid as level as possible.
 - Show a suitable area for a replacement system where available or state that the system may have to be rebuilt in place, if failure occurs.
- NO LIABILITY IS INCURRED BY THE STATE by reason of any approval for construction of individual sewage disposal system plans. Approval by the Department of Environmental Services of individual sewage disposal systems 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.

Linderhof

PROPERTY OWNERS ASSOCIATION, INC.

POST OFFICE BOX 122 / GLEN, NEW HAMPSHIRE 03838

April 16, 2001

Thaddeus Thorne Surveys, Inc.
1164 Brownfield Road
Center Conway, New Hampshire
03813

ATTENTION: MIA

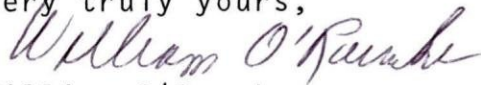
RE: LOT 29 GRAZ PLACE

Gentlemen:

This letter will serve as permission to tie into the Linderhof Water System.

There is a hookup charge of \$800.00 to tie into the system.

Very truly yours,



William O'Rourke
Resident Manager
Linderhof Property Owners
Association, Inc.

WOR:DOR



DO NOT BACKFILL

Mia Gannon
Designer's Name

1141
D-Permit No.

CA2001033961
Approved for Construction No.

Edward Davidson
Installer's Name

3450
I-Permit No.

200102572
Work Number

NOT APPROVED FOR OPERATION (see below)

OWNER Barton TOWN Bartlett

- | | | |
|---|---|--|
| <input type="checkbox"/> SYSTEM NOT INSTALLED PER PLANS | <input type="checkbox"/> FILL NOT EXTENDED OR NOT ENOUGH FILL | <input type="checkbox"/> NOT ENOUGH PITCH ON LINE TO TANK/LINE TO D-BOX |
| <input type="checkbox"/> SITE CONDITIONS NOT ACCURATELY SHOWN | <input type="checkbox"/> Fill must extend _____ feet beyond outside limits of the leach field before tapering off at a _____ slope. | <input checked="" type="checkbox"/> LEACH AREA INSTALLATION Stone, pipe, etc. See below. |
| <input type="checkbox"/> TOO CLOSE TO SURFACE WATER | <input type="checkbox"/> A layer of impervious soil must be placed on sloped portion of fill to prevent lateral seepage of sewage. | <input type="checkbox"/> WELL RELOCATED |
| <input type="checkbox"/> SEPTIC TANK INSTALLATION Size, location, etc. See below. | | <input type="checkbox"/> NO BUILDING STARTED |
| <input type="checkbox"/> DISTRIBUTION BOX INSTALLATION See below. | | <input type="checkbox"/> DREDGE AND FILL PERMIT MAY BE NEEDED |

COMMENTS: System to have vent

PLEASE MAKE CORRECTIONS NOTED ABOVE AND CALL 383-4516

AMENDED PLANS MUST BE RECEIVED BY TIME OF INSPECTION

- System must be rebuilt in accordance with the approved plan.
- System may be approvable, as built. A licensed designer must submit a fee and (3) revised plans for an alternative design to Concord office for review and possible approval.
- System, as built, is not approvable, nor does it appear possible to reconstruct it in accordance with approved plan. An alternative design must be submitted to Concord office for review and possible approval.
- New test pits needed.
- New percolation tests needed.
- Ok to backfill. System may not be used until deficiency(ies) have been corrected and an Operational Approval has been granted.

INSPECTOR [Signature] DATE 25 July 2001

