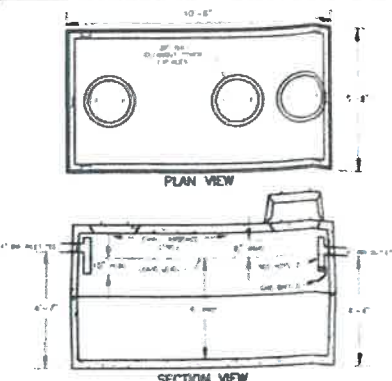
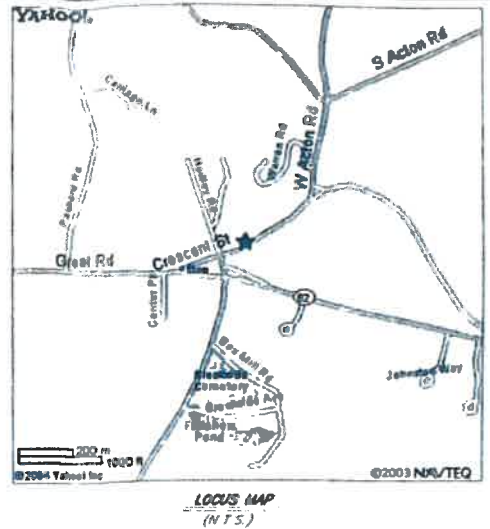


LEGEND

- Existing boundary
- Proposed boundary
- Proposed elevation
- Proposed trench
- Perimeter well
- Catchment well
- Existing structure
- Existing driveway
- Existing utility
- Proposed utility
- Proposed driveway
- Proposed stone EL above
- Proposed stone EL below
- Proposed stone EL



SYSTEM DESIGN DATA

DESIGN LOADING: 5 BP AT 110 GPD
 SEPTIC TANK REQUIRED: 1500 GALLONS
 SEPTIC TANK PROVIDED: 1500 GALLONS
 LEACHING AREA REQUIRED: 1500 GPD @ 0.75 GPD/ST = 2000 SF
 LEACHING AREA PROVIDED: 2000 SF
 TOTAL AREA: 1500 SF
 CAPACITY: 1500 GPD

SOIL OBSERVATION HOLE LOG

TH 1 7/25/01 ELEV. = 93.9

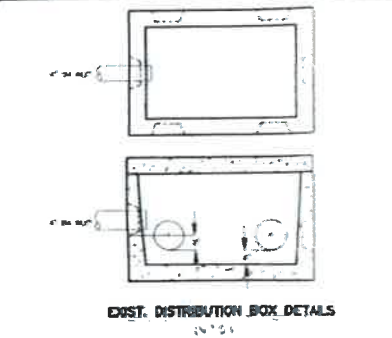
DEPTH	DESCRIPTION	PERCENT SAND	PERCENT SILT	PERCENT CLAY
0-12"
12-24"
24-36"
36-48"

DESIGN AND CONSTRUCTION NOTES

- REFER TO SEPTIC SYSTEM DESIGN PLAN BY CASACELI TRUCKING, DATED 8/10/01, REV 8/17/01, 8/23/01
- EXISTING TANK, DISTRIBUTION BOX, AND 4 TRENCHES TO REMAIN. A FIFTH TRENCH IS TO BE INSTALLED TO ACCOMMODATE INCREASED DESIGN FLOW TO SYSTEM.
- ALL TOPSOIL AND SUBSOIL (A AND B LAYERS), AND ANY OTHER UNSUITABLE MATERIAL FOUND WITHIN THE AREA OF THE NEW TRENCH SHALL BE REMOVED FROM THAT AREA AND 5' AROUND, AND REPLACED WITH CLEAN SAND IN CONFORMANCE WITH 310 CMR 15.255, FROM A LOCATION APPROVED BY THE BOARD OF HEALTH.
- CONTRACTOR TO VERIFY THAT ALL UNDERGROUND UTILITIES ARE MARKED PRIOR TO EXCAVATION. CALL DISSAFE 1-800-344-7233
- DISBURBED AREAS SHALL BE LOAMED, SEEDED, AND STABILIZED IMMEDIATELY UPON COMPLETION OF WORK.
- THERE ARE NO OTHER KNOWN WELLS WITHIN 150' OF PROPOSED S.A.S.

VARIANCE REQUEST (LOCAL)

- PRIVATE WELL SETBACK DISTANCE: REQUIRED 150', REQUESTED 100' (SUBJECT PROP)



NOTE: WATERPROOF CONNECTION TO EXISTING DISTRIBUTION BOX TO BE MADE WITH 2" SCH 40 PVC FOR NEW LEACHING TRENCH. FIRST 2' OF PIPE TO BE LEAD.

PERCOLATION TEST RESULTS 7/25/01

TEST HOLE	DEPTH	RATE	TEST HOLE	DEPTH	RATE
TH-1	78"	2.0 MP			

I CERTIFY THAT ON JUNE 1999 I HAVE PASSED THE SOIL EVALUATION EXAMINATION APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THAT THE ABOVE ANALYSIS WAS PERFORMED BY ME IN ACCORDANCE WITH THE REQUIREMENT TRAINING EXPERTISE AND EXPERIENCE DESCRIBED IN 310 CMR 15.017.

SIGNED: *Thomas Dispersion*
 THOMAS DISPERSION, SOIL EVALUATOR

GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE MOST RECENT EDITION OF 310 CMR 15.000 TITLE 5 AND THE TOWN OF STOW BOARD OF HEALTH REGULATIONS.
- SEPTIC TANKS, DISTRIBUTION BOXES, PUMP CHAMBERS, ETC. SHALL BE CONSTRUCTED IN ACCORDANCE WITH TITLE 5 SPECIFICATIONS AND THE DETAILS ON THIS PLAN.
- ALL STONE, PEASTONE, AND SAND FILL IF REQUIRED SHALL CONFORM TO TITLE 5 SPECIFICATIONS.
- BACKFILL AND GRADING OVER SYSTEM SHALL EXCEPT PUMP OFF AWAY FROM SYSTEM.
- IF REQUIRED EROSION CONTROL MEASURES SHALL BE PLACED AS SHOWN ON PLAN PRIOR TO CONSTRUCTION.
- ANY CONDITIONS ENCOUNTERED WHICH VARY FROM THOSE SHOWN ON PLAN SHALL BE REPORTED TO THE DESIGN ENGINEER.
- PROPERTY LINES SHOWN ARE APPROXIMATE.

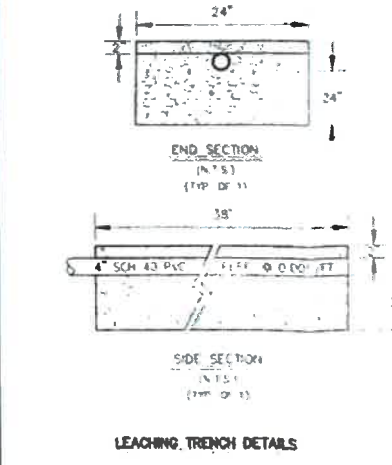
SEWAGE DISPOSAL SYSTEM PLAN

APPLICANT: DALE ODEKIRK
 LOCATION: 36 CRESCENT STREET, STOW, MASSACHUSETTS

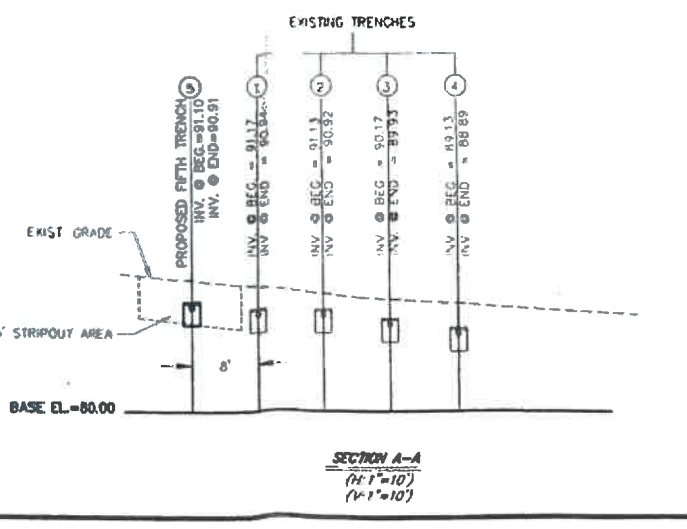
DATE: 06/14/2004
 DESIGNED BY: TO #1
 DRAWN BY: RD
 CHECKED BY: TO #1



THOMAS LAND SURVEYORS
 & Engineering Consultants, Inc.
 Land Surveyors, Civil Engineers, Planning Consultants
 1411 WOODS CREEK ROAD, SUITE 200, STOW, MASSACHUSETTS 01770
 PHONE: (978) 952-2300



- TRENCH SHALL HAVE 24" OF 3/4" - 1/2" DOUBLE WASHED STONE.
- MINIMUM 2" LAYER OF 1/4" - 1/2" DOUBLE WASHED STONE SHALL BE PLACED OVER SAS.
- S.A.S. CONSTRUCTION SHALL BE IN ACCORDANCE WITH 310 CMR 15.0.
- BOTTOM AND SIDES OF EXCAVATION SHALL BE CLEAN, LEVEL, AND SCRIPPED 45-90 TO PLACEMENT OF STONE.



REVISIONS

NO.	DESCRIPTION	DATE