

C1 0242 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER 13 4/4/01 OK

DATE RECEIVED MM DD YY 02 13 2001

DATE WELL COMPLETED MM DD YY 02 13 2001

DEPTH OF WELL 2250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2922

OWNER Altieri STREET OR RFD Old Frederick Rd TOWN Mt. Airy SUBDIVISION SIM PROPERTY SECTION LOT 4

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Overburden and Blue Slate.

GROUTING RECORD form with fields for WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form with fields for casing types (ST, CO, PL, OT), MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) table with columns for diameter and depth.

SCREEN RECORD form with fields for screen type or open hole, and screen diameter/depth.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

DRILLERS LIC. NO. M WD 3991

DRILLERS SIGNATURE: Marty Diver

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

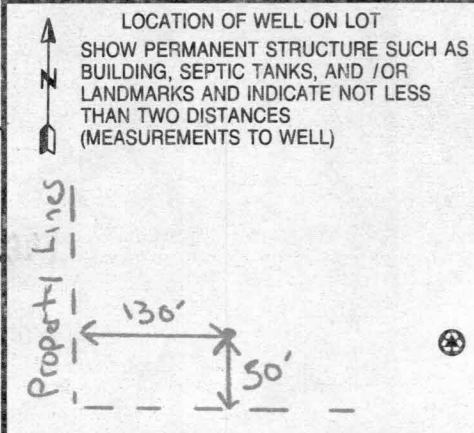
DEPTH (nearest ft.) table with columns for casing sections and slot size.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST form with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED.

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



B 1 0051

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2922

W514704 please print or type

Date Received (APA) 12/8/00

OWNER INFORMATION

Alteri Homes, 9017 Red Branch Road, Columbia MD 21045

B 3

LOCATION OF WELL

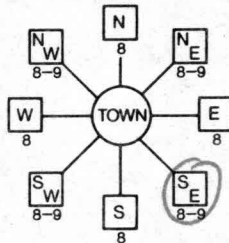
Howard, Stirn property, Mt. Airy, 2 miles from town

DRILLER INFORMATION

Paul M. Fabiszak, G. Edgar Harr Sons' Corp., 12047 Falls Road, Cockeysville 21030, 12/6/00

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Old Frederick Road, 300 feet from road, distance from road 300

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED 750 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled), FARMING, INDUSTRIAL, PUBLIC WATER SUPPLY WELL, TEST, OBSERVATION, MONITORING, GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard, 13, DATE ISSUED 01/22/01, CO SIGNATURE, EXP. DATE 01/21/02, NORTH GRID 554000, EAST GRID 0767000

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

JETTED, AIR-ROTary, AIR-PERCussion, ROTARY, CABLE, DRIVE-POINT

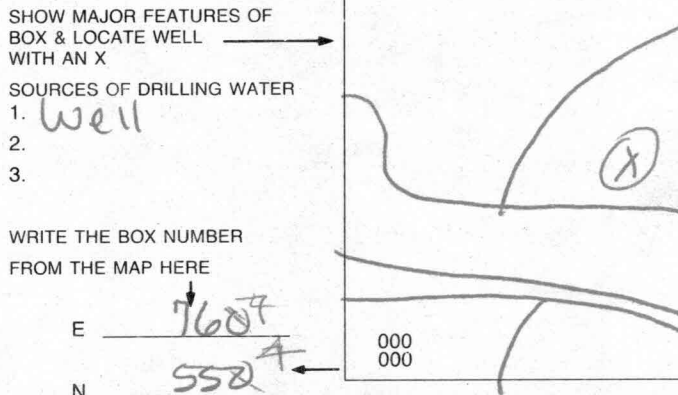
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL (circled), THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED, THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS, THIS WELL WILL DEEPEM AN EXISTING WELL

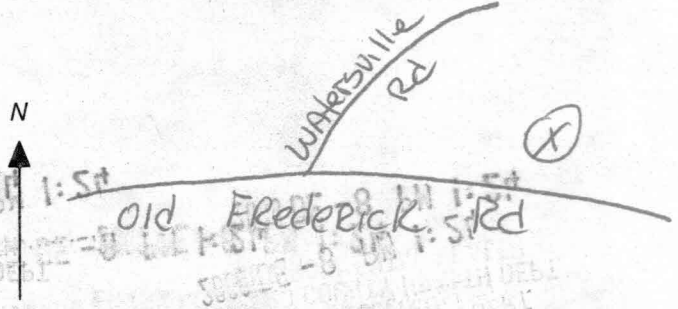
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER G, PERMIT No. HO-94-2922



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED





FROM : HoCo EnvHealth

FAX NO. : 4103132648

Apr. 18 2001 10:37AM P1

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Columbia Plumbing HVAC Telephone #: 410-715-2323
Address: 9017 Red Branch Rd.
Columbia, MD 21045

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Kevin C. Dimaggio License# 8594
\*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: Alien Homes Telephone #: 410-715-2323
Subdivision: Whispering Pines/Star Lot #: 4A Well Tag #: HO-94-2922
Site Address: 1700 Old Frederick Rd.
Mt Airy, MD 21771

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Jacuzzi Make: Harvard Two piece watertight cap: YES
Model #: 1/2 hp TSS-513B-S2 Model #: PT 800 Screened, vented well cap: YES
Pump Capacity: 6 GPM Depth: 4.5' (36" min) Cap secured to casing: YES
Well Yield: 15 GPM NSF/WSC approved: YES Conduit min 18" B.G.: YES
Depth of well encountered at time of pump installation: 250 (feet) Conduit secured to well cap: YES
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors, Cable guards, or other acceptable method used- Must circle one
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

Piping to house House Connection
Type: Poly PVC sleeve to undisturbed soil at wall penetration: YES
PSI: 200 (160 psi min) Approximate length of sleeve: 5ft
Depth of supply line: 48" (36" min) Sleeve caulked and sealed properly: YES

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Kevin C. Dimaggio/KMD September 13, 2001
Signature of company representative responsible for installation date

For Health Department Use Only - Not to be completed by Installer

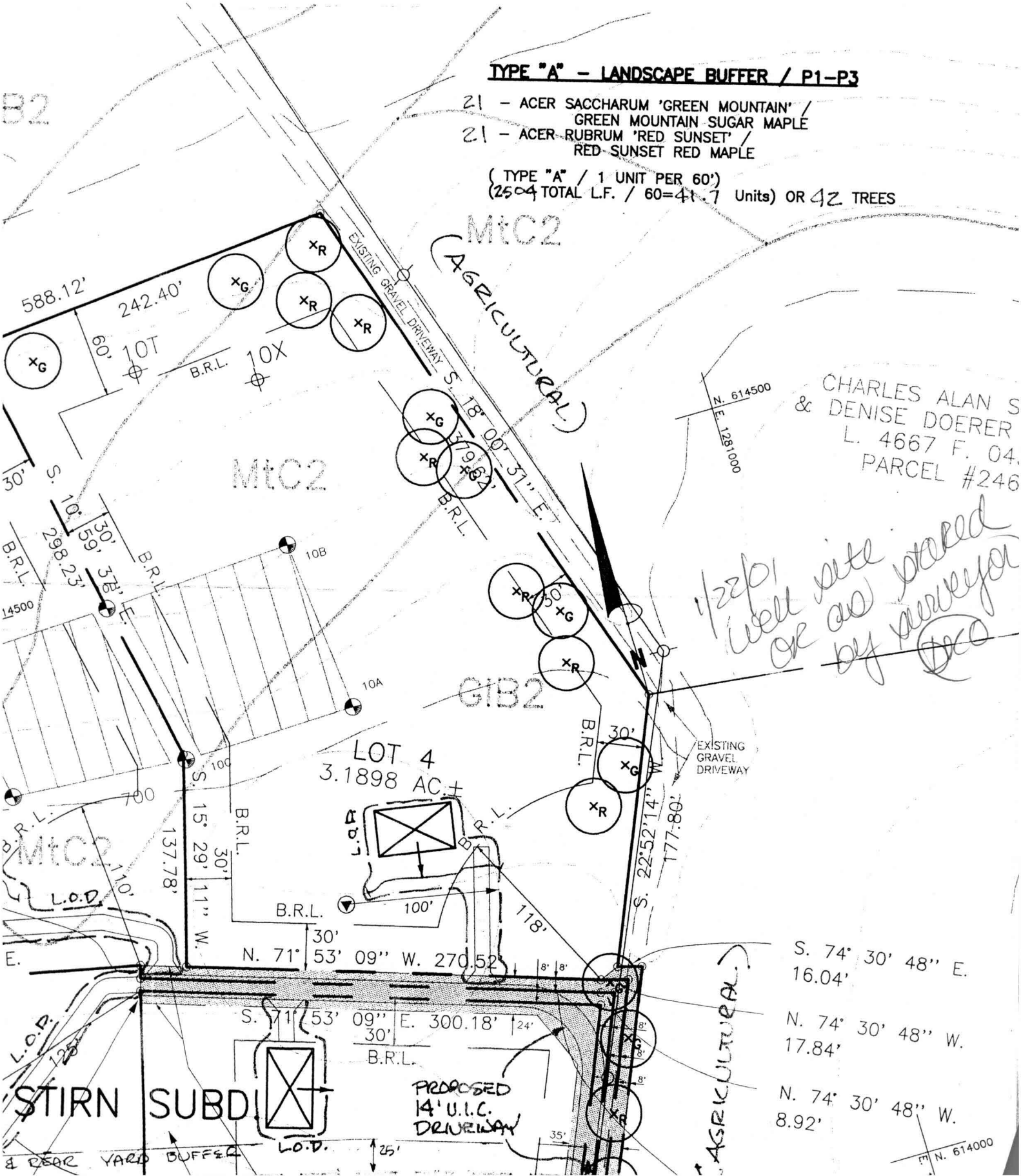
Date Insp. Requested: 8/3/01 Date Insp. Approved: 8/3/01 Inspector: SRK/KG
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope not seen outside of well cap/casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

B2

**TYPE "A" - LANDSCAPE BUFFER / P1-P3**

- 21 - ACER SACCHARUM 'GREEN MOUNTAIN' / GREEN MOUNTAIN SUGAR MAPLE
- 21 - ACER RUBRUM 'RED SUNSET' / RED SUNSET RED MAPLE

(TYPE "A" / 1 UNIT PER 60')  
(2504 TOTAL L.F. / 60=41.7 Units) OR 42 TREES



CHARLES ALAN S  
& DENISE DOERER  
L. 4667 F. 04.  
PARCEL #246

*1/22801 well on site placed on by surveyor*

STIRN SUBD.

PROPOSED 14' U.I.C. DRIVEWAY

AGRICULTURAL



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HOWARD COUNTY HEALTH DEPARTMENT

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*Diane L. Matuszak, M.D., M.P.H., County Health Officer*  
September 21, 2001

Altieri Homes  
9017 Red Branch Road, Suite 201  
Columbia, MD 21045

RE: Stirn Farm, Lot- 4 old SRU  
17100 Frederick Road  
BP # B00130168  
Well Permit #: HO-94-2922

Dear Sirs:

This is to advise you that the septic system for the above referenced property has been installed and inspected. Final approval of the septic system was granted on August 7, 2001.

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

**INTERIM CERTIFICATE OF POTABILITY**

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-2922. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department, as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test which may be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Samples: September 20, 2001  
Date of Well Completion: February 13, 2001

Respectfully,

  
Steven R. Krieg  
Registered Environmental Sanitarian  
Approving Authority  
Well and Septic Program

cc: Building Inspector's Office  
File

CHARLES GOSHEN  
14831 TRINDELPHIA RD

A 46659

SUBDIVISION:

LOT NUMBER: BARN ONLY

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.  
Bottom maximum depth \_\_\_\_\_ feet below original grade.  
Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

1000 GALLON TANK

TRENCHES

630 sq. ft./bedroom <sup>TOTAL</sup>

Trench to be 3 wide.  
Inlet 3 feet below original grade.  
Bottom maximum depth 5 feet below original grade.  
Effective area begins at 3 feet below original grade.  
2 feet of stone below distribution pipe.

210 LINEAR FT TRENCH

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: INSTALL 3 - 70' TRENCHES AT HIGHEST LOCATION IN THE SEWAGE DISPOSAL EASEMENT THAT CAN BE PLUMBED BY GRAVITY FROM THE BARN.

THE BEGINNING OF THE HIGHEST TRENCH WILL BE APPROXIMATELY 300' FROM THE FRONT PROPERTY LINE AND 400' FROM THE RIGHT PROPERTY LINE.

1/25/91 CWL

SPECIAL CONDITION → THIS LOCATION WILL VOID USE OF THIS AREA FOR THE YET TO BE COMPLETED TENANT HOUSE. HOWEVER, IF A TEST HOLE

HD-191 DUG AT THE TIME OF INSTALLATION ESTABLISHES ENOUGH AREA TO MOVE THE BARN SYSTEM FURTHER DOWNHILL, THEN SUFFICIENT AREA WILL HAVE BEEN PRESERVED TO ACCOMMODATE THE REQUIREMENTS OF THE TENANT HOUSE.