

9/15/99
open trench co.
body original ASHD

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512801A

A 50195-B

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

DATE 9/9/99

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 9/15/99

INDEXED

INSPECTOR SRK

S & K Plumbing IS PERMITTED TO INSTALL ALTER

ADDRESS 1220 FSK Highway, Keymar, MD 21757 PHONE 301-898-0955

SUBDIVISION Friendship Farms LOT 2 ROAD 2677 Wellworth Way

PROPERTY OWNER Altieri Homes

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 2.0 feet below original grade. 4.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 100 feet from the 225.49' lot line and 135 feet from the 180.81' lot line. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 8/19/99 OK AM

PLANS APPROVED BY Mark Rifkin DATE 8-10-1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

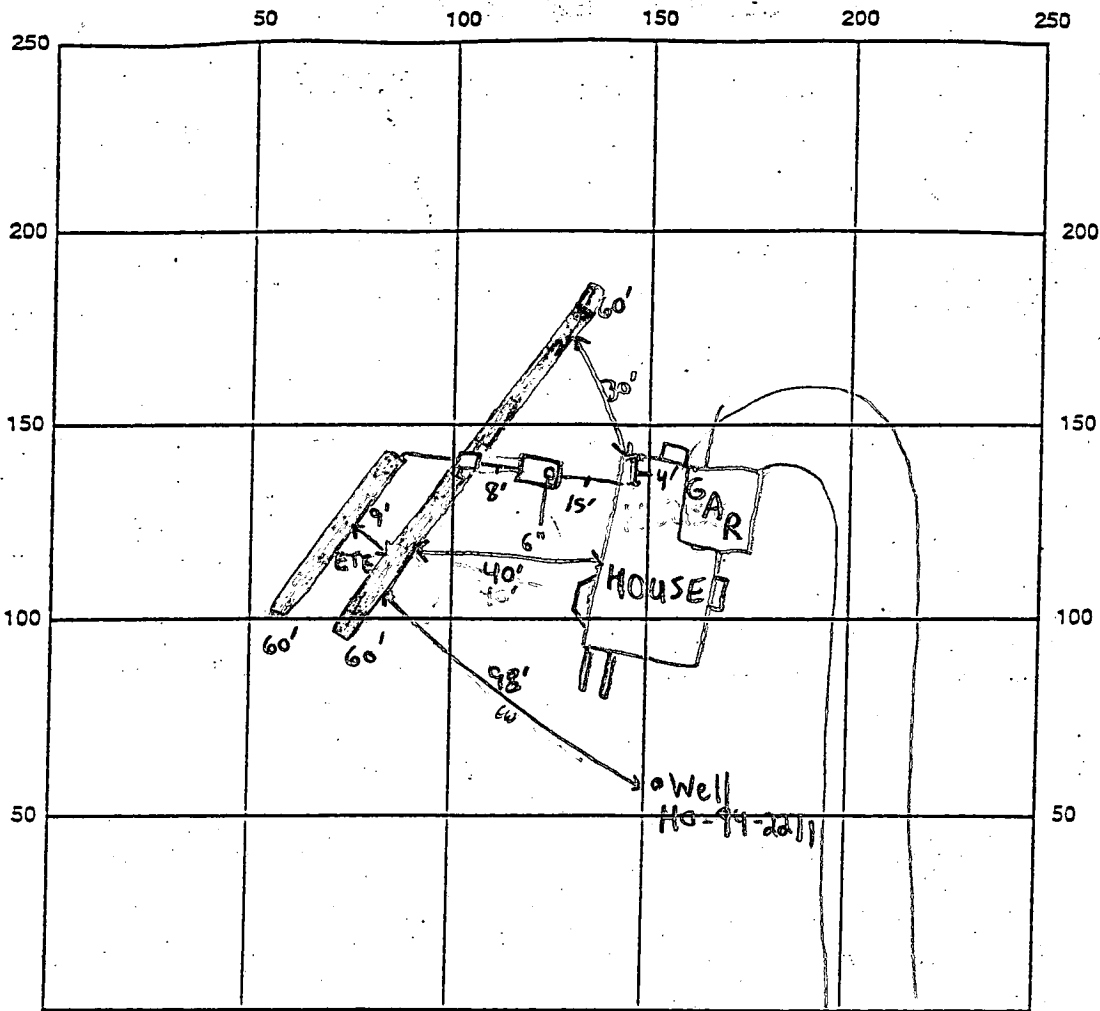
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

B00119334
7-14-99 SFB

50195 B



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
WELLWORTH WAY

SEPTIC TANK LEVEL 1250 gallon midseam CLEANOUTS 6" @ Tank

DISTRIBUTION BOX LEVEL ✓ Baffle is in

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 9/15/99 - ON TO CONTINUE WORK - (SRK) 9/15/99 - ON TO COVER ALL WORK - WELL
WILL NEED TWO PIECE CAP FOR FINAL WPI INSP. TRENCH PLACEMENT SHIFTED
SLIGHTLY TO BETTER SUIT CONTOUR HOWEVER SLIGHT ENCROACHMENT ON WELL RADIUS - (SRK)
WPI well cap & conduit pipe OK 12/22/99

DATE SYSTEM APPROVED 9/15/99

INSPECTOR Steven R. Krieg

APPLICATION

PERCOLATION TESTING

A 50195 B

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT THIRD

DATE AUGUST 1, 1994

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER JOHN SIONEY BRITTON

ADDRESS 2716 JENNINGS CHAPEL ROAD WOODBINE MARYLAND PHONE 489-9342

AGENT OR PROSPECTIVE BUYER BRITTON PROPERTY PARTNERSHIP

ADDRESS P.O. Box 1371 ELLICOTT CITY MARYLAND 21041 PHONE 461-2855

PROPERTY LOCATION:

SUBDIVISION FRIENDSHIP FARM (BRITTON PROPERTY) LOT NO. 2

ROAD AND DESCRIPTION 2800'± SOUTH FROM THE INTERSECTION OF MARYLAND ROUTE 144 AND WELWORTH WAY

TAX MAP 15 PARCEL # 65

SIZE OF LOT 40,000 SQ. FT. TYPE BLDG. SINGLE FAMILY DETACHED
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A50195B
COUNTY#

EX HOUSE

LOT 2

SOIL PROFILE

292

reddish orange CL some sand

yellow brn SSIL mica >5% shale Saprolite frags

290

no definite clay layer orange brn sil some shale frags OK <5% OK

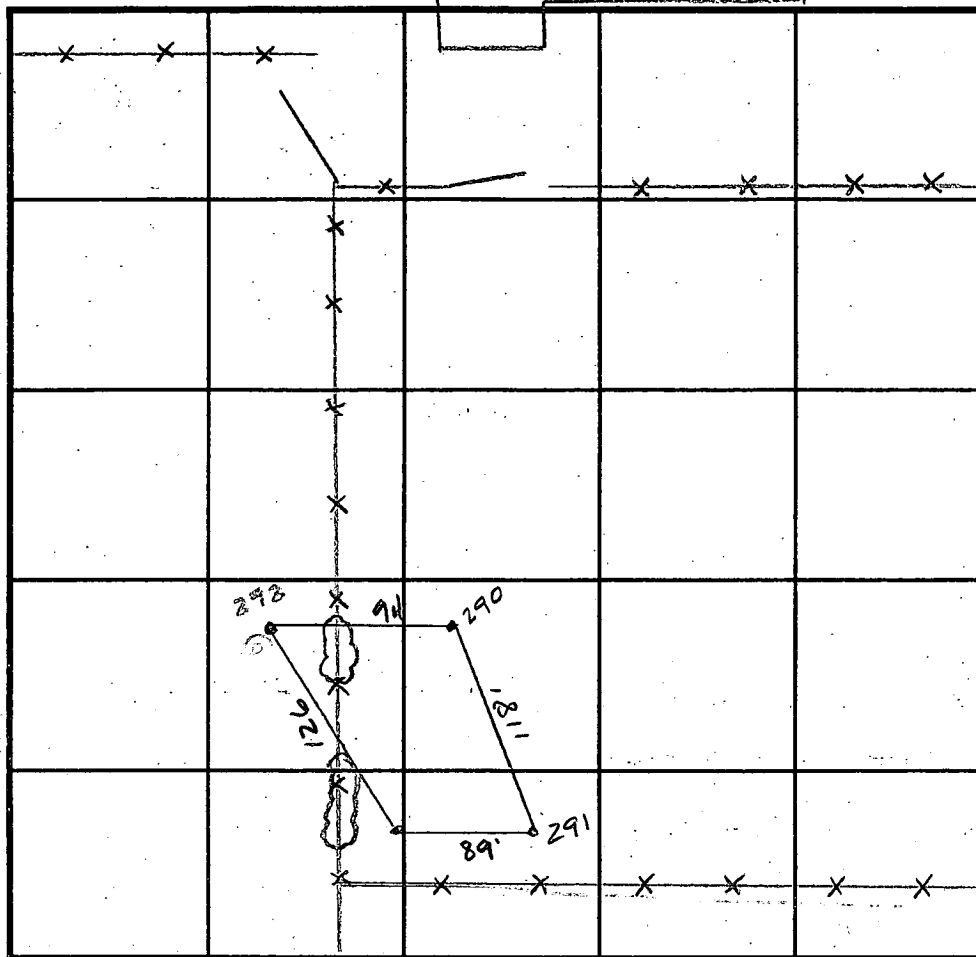
291/294

reddish C

lgt tan sil 15% rock frags OK

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/9/94	292	2' VII	1:56 ⁴⁵	1:57	1:57	1:58 ¹⁵	1 1/4 min
	290	6 1/2' VII	2:38	2:40	2:40	2:43 ¹⁵	3 1/4 min
	290	2' VII	2:41	2:42 ³⁰	2:42 ³⁰	2:45	2 1/2 min
	291	Visual to 12'					OK
	294	3 1/2' VIII 1/2	2:55 ⁴⁵	2:56 ³⁰	2:56 ³⁰	2:57 ¹⁵	45 sec

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT FRANK MANALANSAN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH _____

INLET DEPTH 2 MAXIMUM BOTTOM DEPTH 6' SQ. FT./BEDROOM 180 ft²

3'

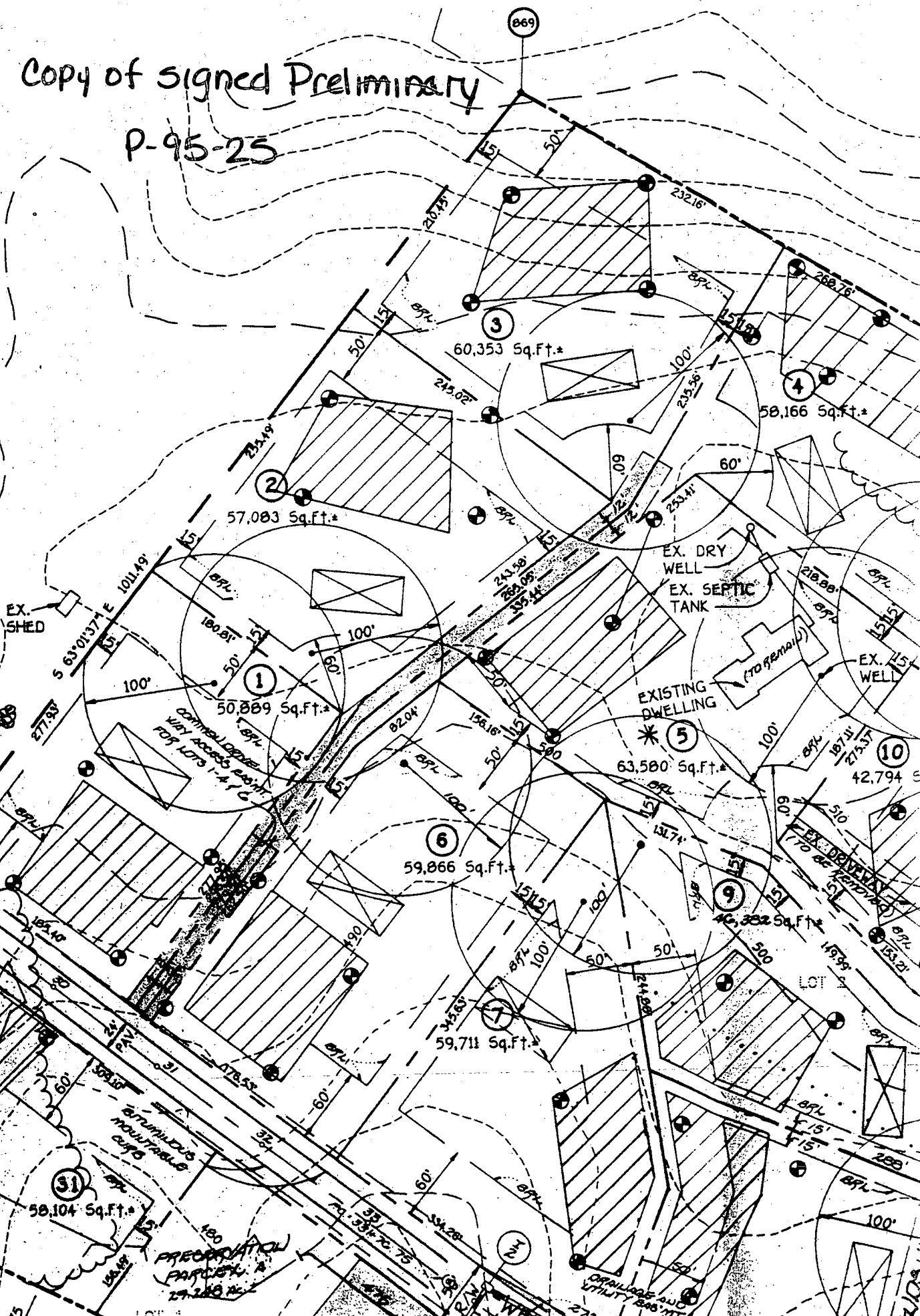
12'

Copy of signed Preliminary

P-95-25

FRIENDSHIP
MANOR
SECTION 2
LOT 14
T No. 3889
ED: RR-DEO

EXISTING HOUSE



EXISTING SHED

EX. DRY WELL
EX. SEPTIC TANK

EXISTING DWELLING

58,104 Sq.Ft.

59,866 Sq.Ft.

59,711 Sq.Ft.

PROPOSED DRIVEWAY

OPALLENS AND
UTILITY EAS. M.T.A.

C1 06770

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)

COUNTY NUMBER A-50195-B

ST/CO USE ONLY. DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 07 06 99

Depth of Well 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2271

OWNER Alteri Homes STREET OR RFD Wellworth Way TOWN West Friendship SUBDIVISION Friendship Farms SECTION LOT 2

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Overburden, Soft Shale, Brown Shale & Boulders, Gray Rock, and water at 125'.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (CM, BC) NO. OF BAGS 25 NO. OF POUNDS 2500 GALLONS OF WATER 150 DEPTH OF GROUT SEAL 100 ft.

CASING RECORD

MAIN CASING TYPE DL Nominal diameter 6 inches Total depth 100 feet

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT) insert appropriate code below

DEPTH (nearest ft.)

Table with columns: E A C H S R E E N, 1-21, 23-36, 38-51. Includes slot size and diameter of screen.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED 6 PUMPING RATE 176 gal. per min. METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL 37 ft. BEFORE PUMPING 267 ft. WHEN PUMPING TYPE OF PUMP USED (S) submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) (+) above (49) LAND SURFACE (-) below (1) (nearest foot) 50 51

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC-TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

NA

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. M D 99 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LJC. NO. M D

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

7548

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2271 fill in this form completely

OWNER INFORMATION Date Received: 05/12/99 Alter Homes 9017 Red Branch Rd Columbia MD 21045

LOCATION OF WELL Howard County Friendship Farms (Oaks at Yardley Hunt) West Friendship

DRILLER INFORMATION Paul M. Fabiszak MW.D 399 G. Edgar Harr Sons' Corp. 12047 Falls Road, Cockeysville 21030

Wellworth Way 300 FT DISTANCE FROM ROAD ON WHICH SIDE OF ROAD (SE)

WELL INFORMATION APPROX. PUMPING RATE 750 GAL PER MIN AVERAGE DAILY QUANTITY NEEDED 14 GAL PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX) D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

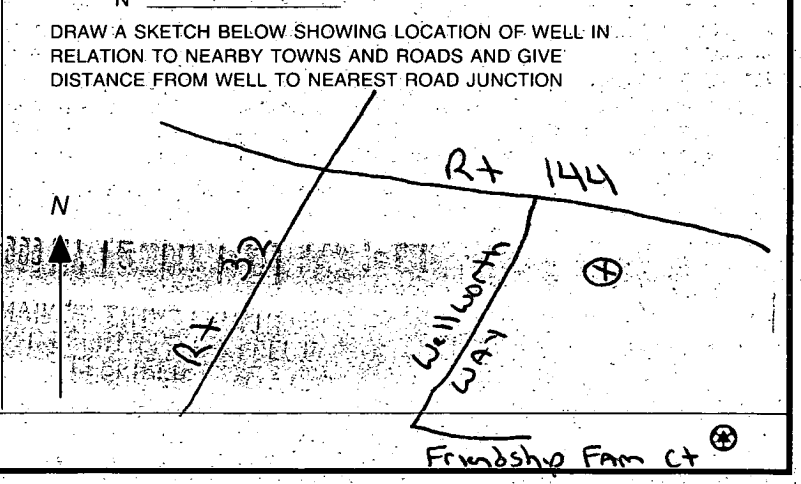
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A50195-B

APPROXIMATE DEPTH OF WELL 250 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. Well

METHOD OF DRILLING (circle one) AIR-PERCussion

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) N THIS WELL WILL NOT REPLACE AN EXISTING WELL



Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER 54 63 PERMIT No. HO-94-2271

SPECIAL CONDITIONS NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED