

8/12/96
10:00 c10

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 57028 B

A49016

DISTRICT 3rd

DATE 7-17-96

DATE SYSTEM APPROVED 8/12/96

INSPECTOR HR

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

WTC III Plumbing & Heating

IS PERMITTED TO INSTALL ALTER

ADDRESS 1820 Gillis Falls Road, Woodbine, MD 21797 PHONE 410-489-4457

SUBDIVISION W. Friendship Estates LOT 4 ROAD 3120 Fox Valley Drive

PROPERTY OWNER Robert & Stephanie Siruble

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 150' down the right lot line and 25' off this same lot line as seen when facing the lot from Fox Valley Drive. Run trenches on contour.

NOTES - Maintain at least 100' between well and any part of septic system. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/MP

PLANS APPROVED BY Amy McMillen DATE 6/24/96

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

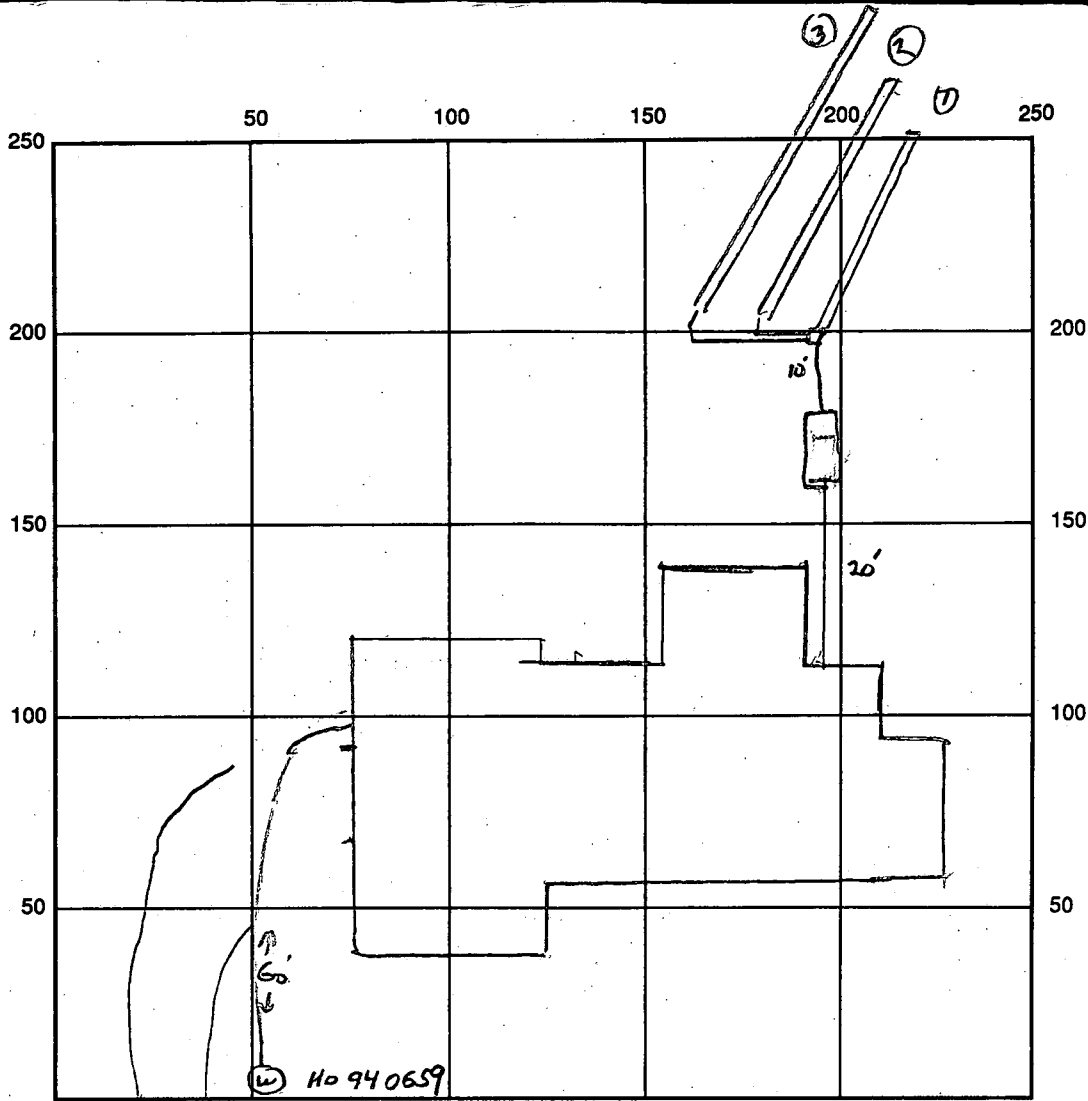
PERMIT VOID AFTER TWO YEARS

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**

A
49016



8/27/96
 W.P.I. OK
 TO COVER,
 SEALED AND
 RE-ED, OWNER
 NOTIFIED.
 JH

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 FOX VALLEY DRIVE

SEPTIC TANK LEVEL OK CLEANOUTS 10x TANKS

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH $\frac{60}{80}{100}$ FT. = 240'

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

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 8/12/96 SYSTEM COMPLETE OK TO COVER. CLEANOUT LACKS CAP,
CONTRACTOR IS AWARE AND WILL FIX. JH

DATE SYSTEM APPROVED 8/12/96 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 49016

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE 3/5/93

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION W ESHOP I LOT NO. 5

ROAD AND DESCRIPTION Hord Farm 1/25/93

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
~~AND RETURNED 6-24-96~~
Serial # B00100536
S.F.D - 413 Rms

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

COUNTY #

SOIL PROFILE

0'

① Hole
 0' to 4' ±
 Clay
 4' to 10 1/2'
 Loam 85%
 Sandstone 15%

DRY

② Hole

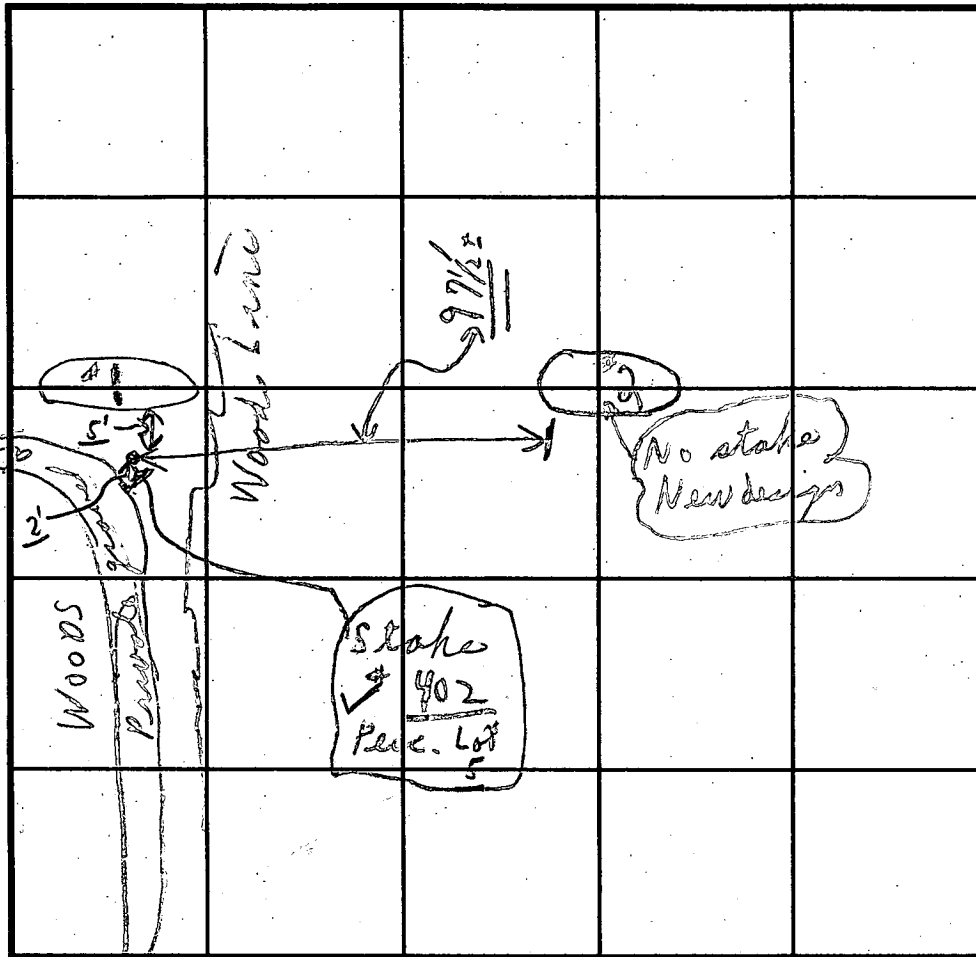
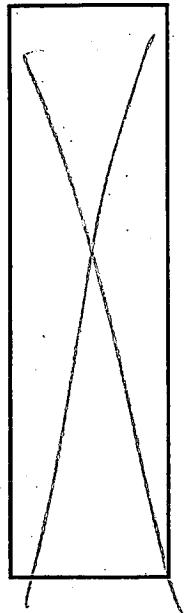
0' - 4 1/2' ±
 Clay
 4 1/2' to 10'
 80% Loam
 20% ±
 Sandstone

DRY

No others dug

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		
1/26/93	①	4'	2:23	2:26	2:26	2:29	3 min	
	✓ #402	10 1/2'	[Loam 85%; 15% Sandstone]					9 7/8' down
(not close)	②	4 1/2'	2:36	2:38	2:38	2:40	1 1/2 to 2 min	
(near 98 ±)	✓ #402	10'	80% Loam; 20% ± Sandstone					No stake
Not dug	③	No						
Not dug	④	No					Redesign	

REMARKS Tests - redesigned lot → (SHALLOW ONLY)

TYPE OF SOIL 2 Holes only (Big Perc Holes)

TESTED BY C.B.S. ALSO PRESENT O.K. Jr. ← + assistant

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 47207

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

DISTRICT _____

DATE 6/13/91

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER PERCONTEE, INC. Robert & Stephanie Siauble

ADDRESS 11900 TECH RD, SILVER SPRING MD. 20904 PHONE JOHN REUWER 740-2100 X291

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION WEST FRIENDSHIP ESTATES III Section Lot 4 LOT NO. 33

ROAD AND DESCRIPTION WEST IVORY RD. & RT 32, SOUTH OF RT. 70
3120 Fox Valley Drive

TAX MAP 15 PARCEL # 42

SIZE OF LOT 3.00 AC. +/- TYPE BLDG _____

BLDG. PERMIT SIGNATURE
NOT RETURNED 6-24-96
Serial # B00100536
SFD - 4 BRMS
(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.

John C. Ryan
(SIGNATURE OF APPLICANT)
FOR PERCONTEE, INC.

APPROVED BY John C. Ryan FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

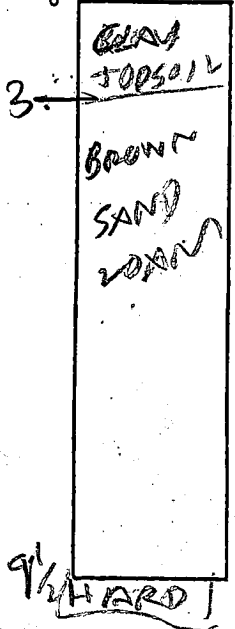
REASONS FOR REJECTION OR HOLDING 6/14/91 - PERC OK HOLD FOR PLAT R/H

HD-216

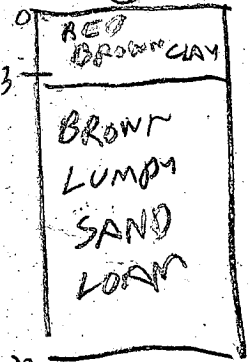
THIS IS NOT A PERMIT

Lot 33
 A47207
 SEE TEST NA

SOIL PROFILE ON LINE



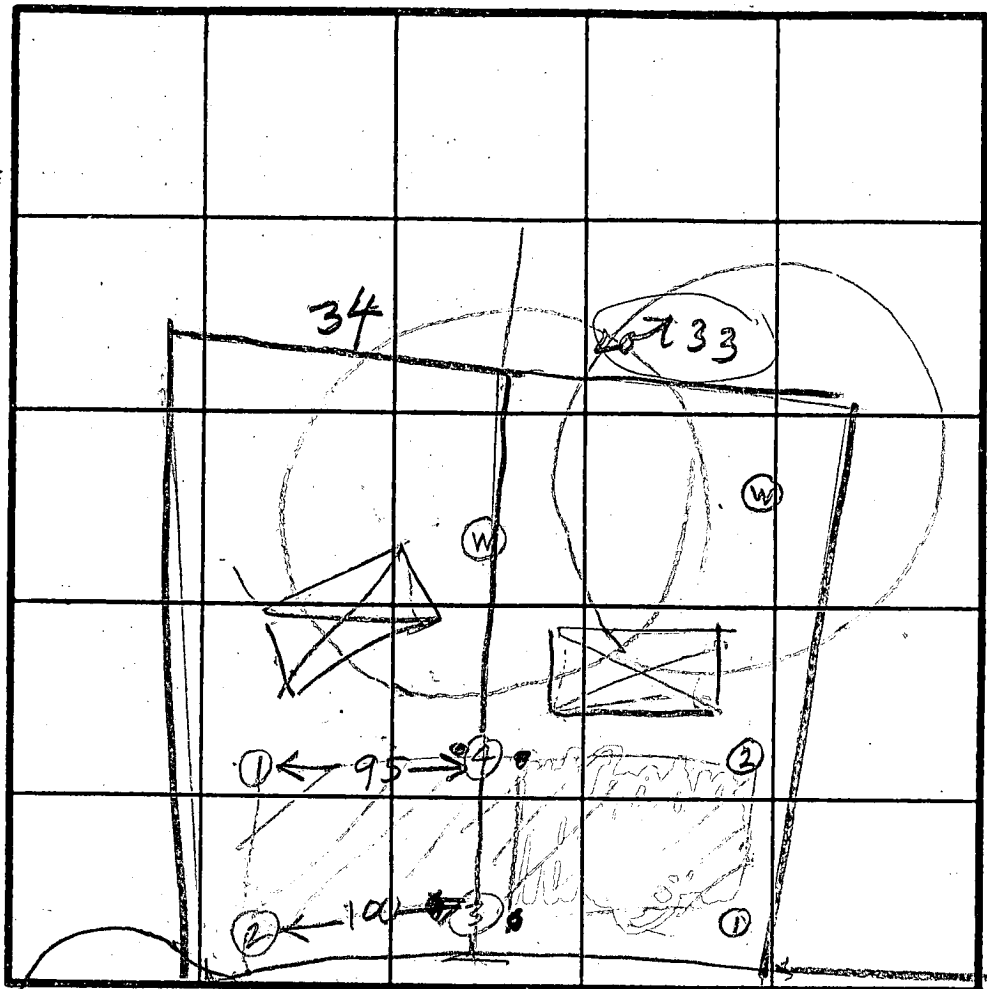
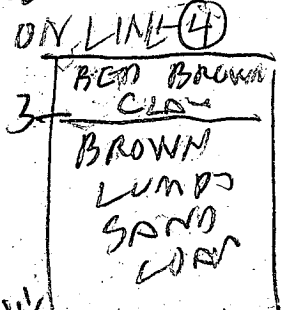
(2) ON LINE



(3) ONLINE
 BROWN CLAY

BROWN LUMPY SAND LOAM

HARD



○ = STAKE
 (W) = WELL
 (O) = PERC HOLE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
 UNKNOWN ST

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 15 DROP		TIME	
			START	STOP	START	STOP		
6/14/91	1 S 1 D	3.5 9 1/2	1047 OK	1050	1050	1052	2	ON LINE LOT 33 & 32
6/14/91	2 V	12	OK					ON LINE LOT 33 & 32
	3 S 3 V	4 10.5	1102 OK	1103	1103	1106	3	ON LINE LOT 34 & 33
	4 S 4 D	5 8	1169 1108	1111 1111	1111 1111	1112 1112	1 1	ON LINE LOT 34 & 33
	4 V	12 1/2	OK					

REMARKS: Hole (1) & (2) on boundary between Lot 33 & 34. Hole (3) & (4) dug between Stakes on Lot 33 & 34.

TYPE OF SOIL: [Handwritten]

TESTED BY: R. Hodge

ALSO PRESENT: OKETTERMAN

C1 2815

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

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

COUNTY NUMBER A 49016

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED 08/17/95

Depth of Well 2265 (TO NEAREST FOOT)

PERMIT NO. Hd-94-0659

OWNER Dorsey Builders, STREET OR RD Fox Valley Drive, TOWN West Friendship, SUBDIVISION West Friendship Estates SECTION, LOT 4

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 Top Soil, Sandy, Sand Stone, MICKA, Sand Stone, MICKA.

GROUTING RECORD

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

CASING RECORD

MAIN CASING TYPE (PL), Nominal diameter (6), Total depth of main casing (35)

OTHER CASING (if used)

Table for OTHER CASING with columns for diameter and depth

SCREEN RECORD

screen type or open hole (HO), STEEL, BRASS, PLASTIC, OPEN HOLE, OTHER

DEPTH (nearest ft.)

DEPTH grid showing 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51

SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN (NEAREST INCH)

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

C 3

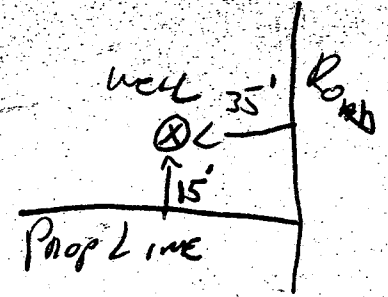
PUMPING TEST

HOURS PUMPED (3), PUMPING RATE (8), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED (S)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O), CAPACITY, GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+ above, - below)

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)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A 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...

TYPE: MWD/MSD/MGD, DRILLERS LIC. NO. 116, Driller's Signature: Nathl. Mays

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION), LIC. NO. 117, Driller's Signature: Nathl. E. Mays

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

VERTICAL SCALE: 1" = 50'

PRESERVATION PARCEL "A"

CHASE

10' Public Tree Maintenance Easement

4
BASEMENT DOES NOT SEWER BY GRAVITY

N 41°11'45" E 154.09' N 34°

N 85°11'01" W

Private Easement
Crossing and Egress
Kittelman Property

50' BRL

Limit of Disturb

SEPTIC BASEMENT

PRESERVATION PARCEL "B"

1250 Gal SEPTIC TANK
EX TOP GRD 571.0
INV. 567.4

DISTRIBUTION BOX
EX GRADE 570.6
INV. 568.6

SUMMERWIND II (Rev)

73² FF 574.50
+ 8565.72
Gar. 2R

10' Public Tree Maintenance Easement

WELL

21'-12" CMP S.C.E. 10+00

FOX VALLEY

LOTS