7/7/99 7/8/99 10:00 10 AM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 5119/3

A 41814

DISTRICT

03-321657

DATE 5/26/99

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
XXXXXXX 410-313-2640

DATE SYSTEM APPROVED 7/8/99

INSPECTOR SRM

INDEXED

Global Eq. Excavating & Contracting IS PERMITTED TO INSTALL X ALTER

ADDRESS P.O. Box 3595, Frederick, MD 21705 PHONE 301-606-0387

SUBDIVISION West Friendship Estates LOT 69 ROAD 3309 Velvet Valley Drive

PROPERTY OWNER Doug Scepora

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 2 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 4.0 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 180.00 and 212.16' lot lines, begin trenches 120 feet up the 212.16' lot line and 70 feet off that same lot line. Run trenches on contour toward driveway.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 3/24/99 OK AM

PLANS APROVED BY Mark E. Rifkin DATE 3-10-99

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.

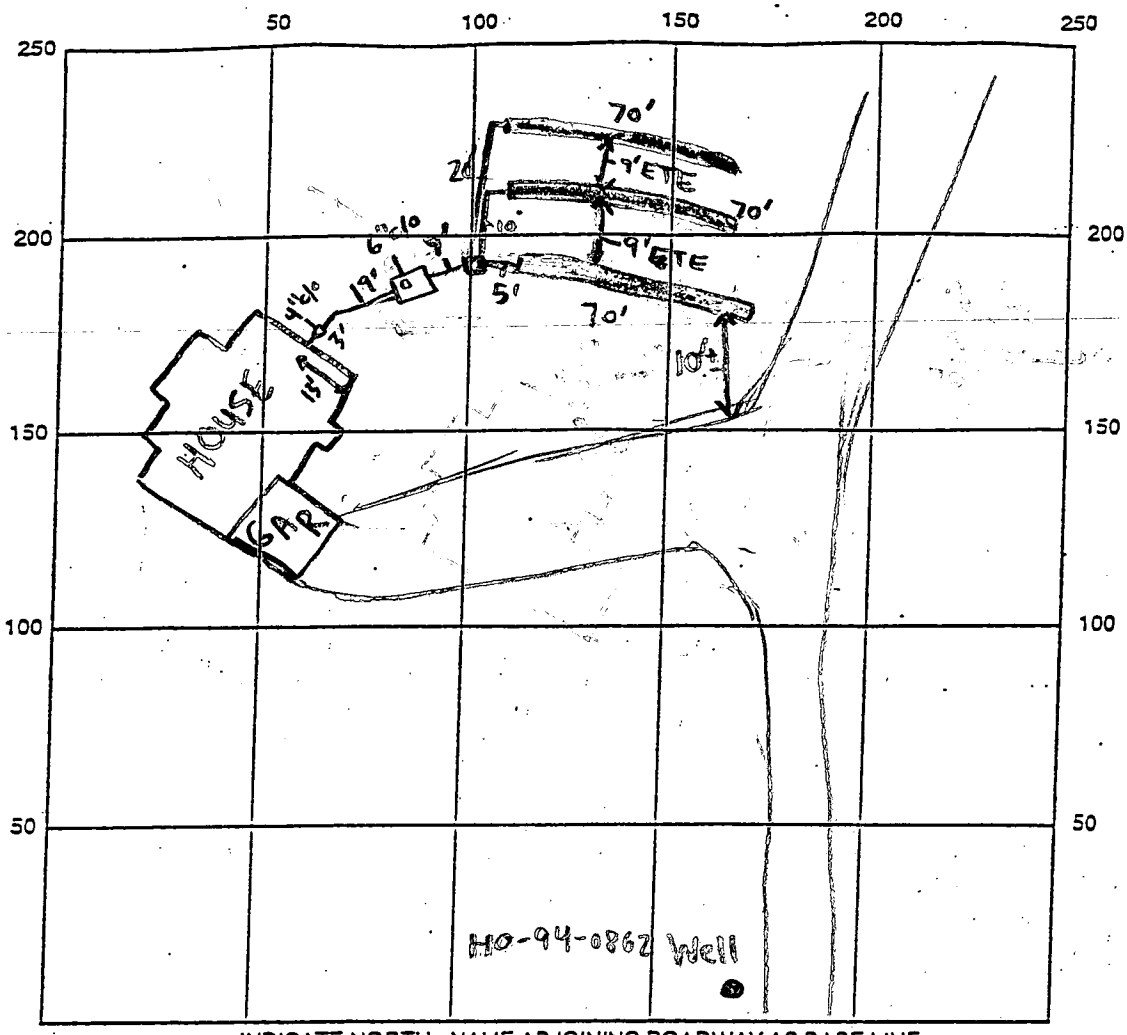
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

41814



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

VELVET VALLEY DRIVE

SEPTIC TANK LEVEL ✓ 1250 midseam CLEANOUTS 4"@house, 6"@tank

DISTRIBUTION BOX LEVEL ✓ Baffle is in

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 210 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL ~~BOTTOM AREA~~ 840 SQ. FT.

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

ABSORBENT AREA N/A SQ. FT.

REMARKS: 7/7/99 - House conn. made, OK to continue work - SRK

7/8/99 - OK to cover all work - SRK

DATE SYSTEM APPROVED 7/8/99 INSPECTOR Steven R. Krieg

APPLICATION

A 41814

PERCOLATION TESTING

P _____

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

DISTRICT _____

DATE _____

(MINOR MODIFICATION TO APPROVED AREA. 1 HOLE - NO FEE. CW.)

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 ~~West Friendship New Town Co.~~ Doug Scepoka

ADDRESS c/o Land Design & Development PHONE (410) 740-2100
10805 Hickory Ridge Road, Columbia, MD 21044

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION West Friendship Estates LOT NO ~~A~~ 69

ROAD AND DESCRIPTION Pfefferkorn Road & Route 32 (3309 Velvet Valley Way)

BLDG. PERMIT SIGNED AND RETURNED 3-10-99
Serial # B0011684
4 Bdrm

TAX MAP 15 PARCEL # 32 & 42, 533

SIZE OF LOT 1 ± acres TYPE BLDG single family dwelling
(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. Michael S Reich
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

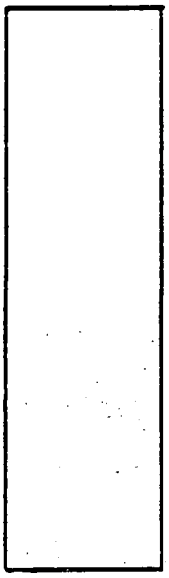
REASONS FOR REJECTION OR HOLDING _____

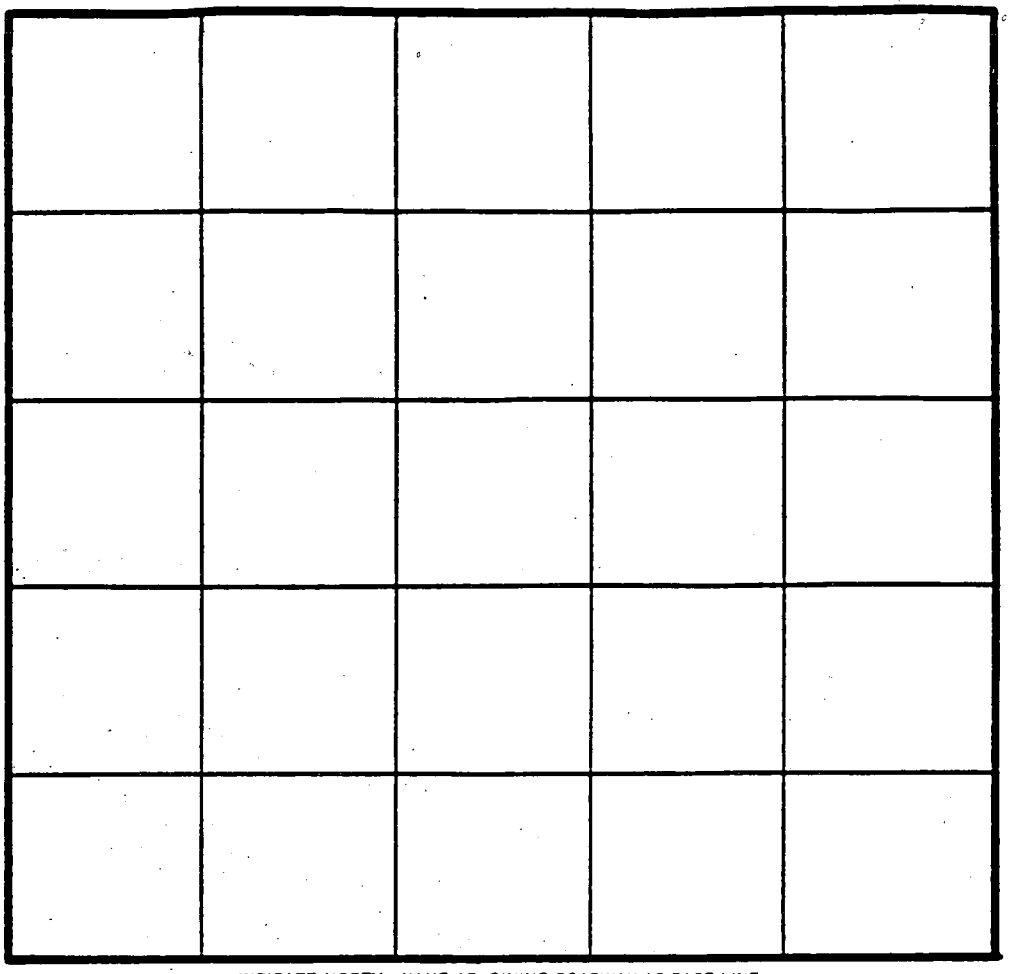
HD-216

THIS IS NOT A PERMIT

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	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE _____

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 _____ LOT NO. _____

ROAD AND DESCRIPTION _____

_____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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

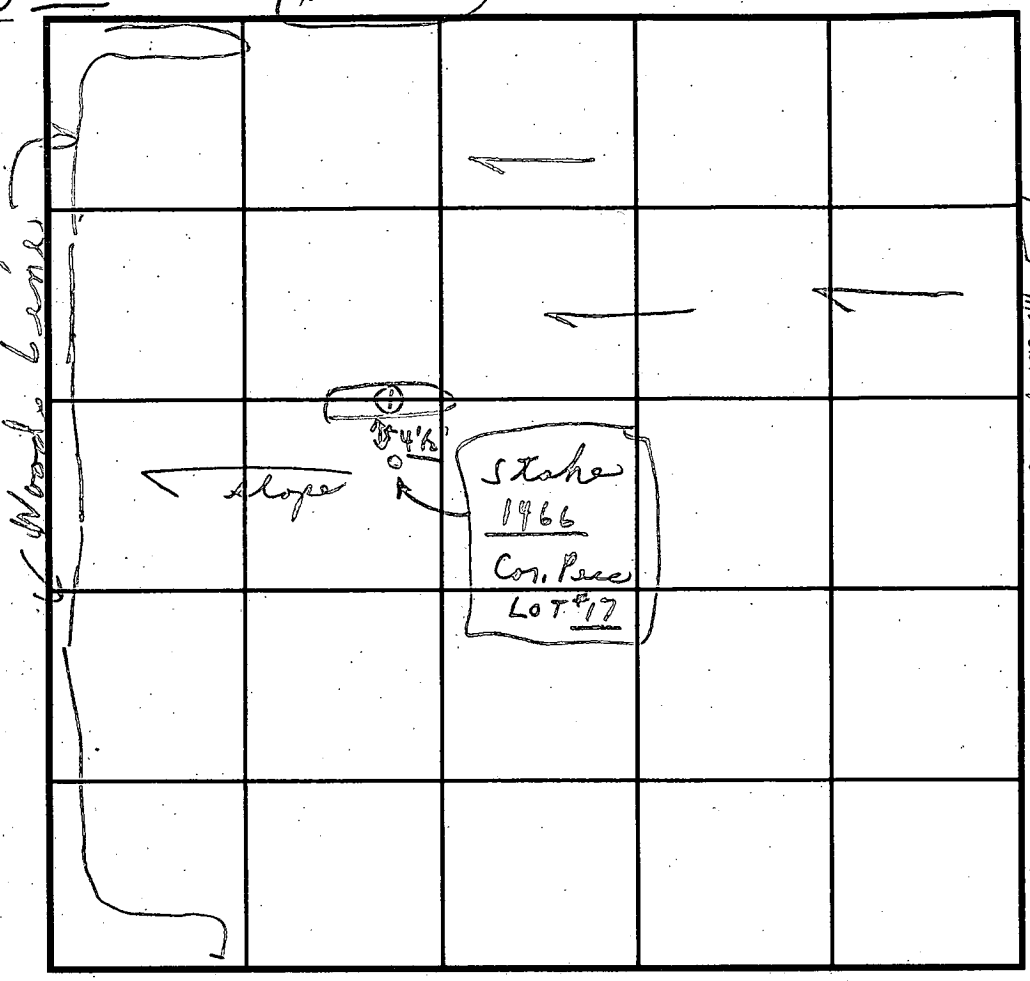
HD-216 (3/92)

(No fee No 2A) #17

COUNTY #

SOIL PROFILE

0'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Pleiberger Road

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
12/21/95	#1466	4'	1:28	1:30	1:30	1:35	5 min
4th LOT	#①	12'	all loam		below clay		
in P.M						0	

REMARKS Tests on Lot (1 hole as per sketch at top of page)
Tests in open

TYPE OF SOIL

TESTED BY C.K.D. ALSO PRESENT (O.K. Jr. & helper)

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 mn TRENCH WIDTH 2'

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 8 SQ. FT/BEDROOM 210

APPLICATION

A 41814

PERCOLATION TESTING

P _____

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

DISTRICT 3RD

DATE 3/10/88

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 PRISCILLA CLAGETT AND AVIS PFEFFERKORN
C/o
ADDRESS 14000 CASTLE BOULEVARD SILVER SPRING MARYLAND 20904 PHONE 202-890-6077

PROSPECTIVE BUYER —

ADDRESS — PHONE —

PROPERTY LOCATION:

SUBDIVISION BUENA VISTA FARM ESTATES LOT NO. 21 Prelim 'A' 62 Sec 1

ROAD AND DESCRIPTION EAST SIDE OF PFEFFERKORN ROAD, NORTHWEST OF MD ROUTE 32

TAX MAP 22 PARCEL # 8

SIZE OF LOT 3.4 AC. TYPE BLDG. SFD
(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. Chris S. Hufton
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Pfefferhorn Road

A 4/1814

#21

SOIL PROFILE

0'

T. S.. + CLAY

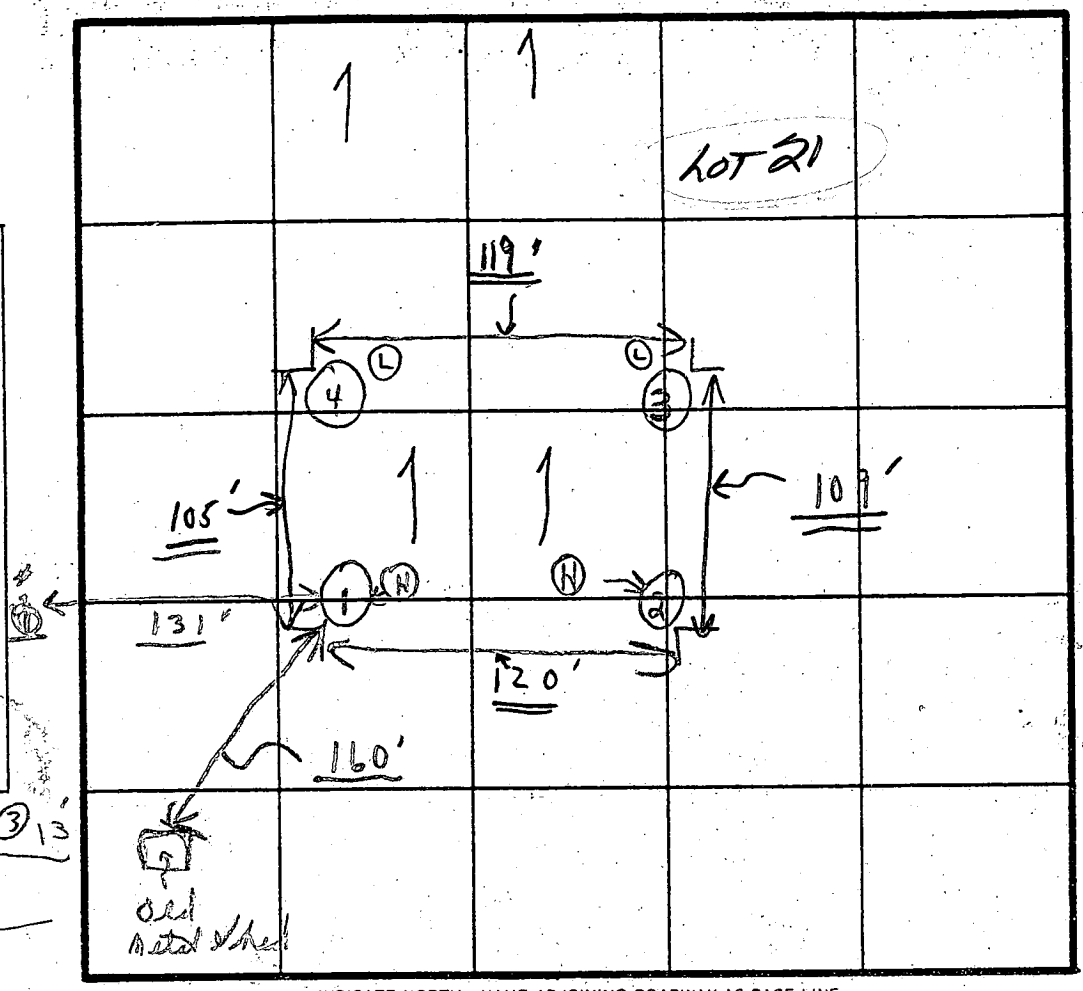
TO LOAM

NO ROCKS

TO BOTTOM

① 13'; ② 13'; ③ 13'

④ 14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Unnamed Road

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
8/18/88	1A	5'	8:53	8:57	8:57	9:07	10m
3rd	(H) 1B 21D	8'	8:55	8:57	8:57	9:01 out	4m
	2A	4'	8:50	8:52	8:52	8:54 out	2m
	2B 21C	13'		Light Loam			
	3A	5'	8:58	9:02	9:02	9:06	4m
	3B 21B	13'	Visual	Light Loam			
	4A	5'	8:56	8:59	8:59	9:03	4m
	4B 21A	14'	Visual	light	loam		

clay to 5'

clay to 4'

clay to 5'

clay to 5'

13' Deep

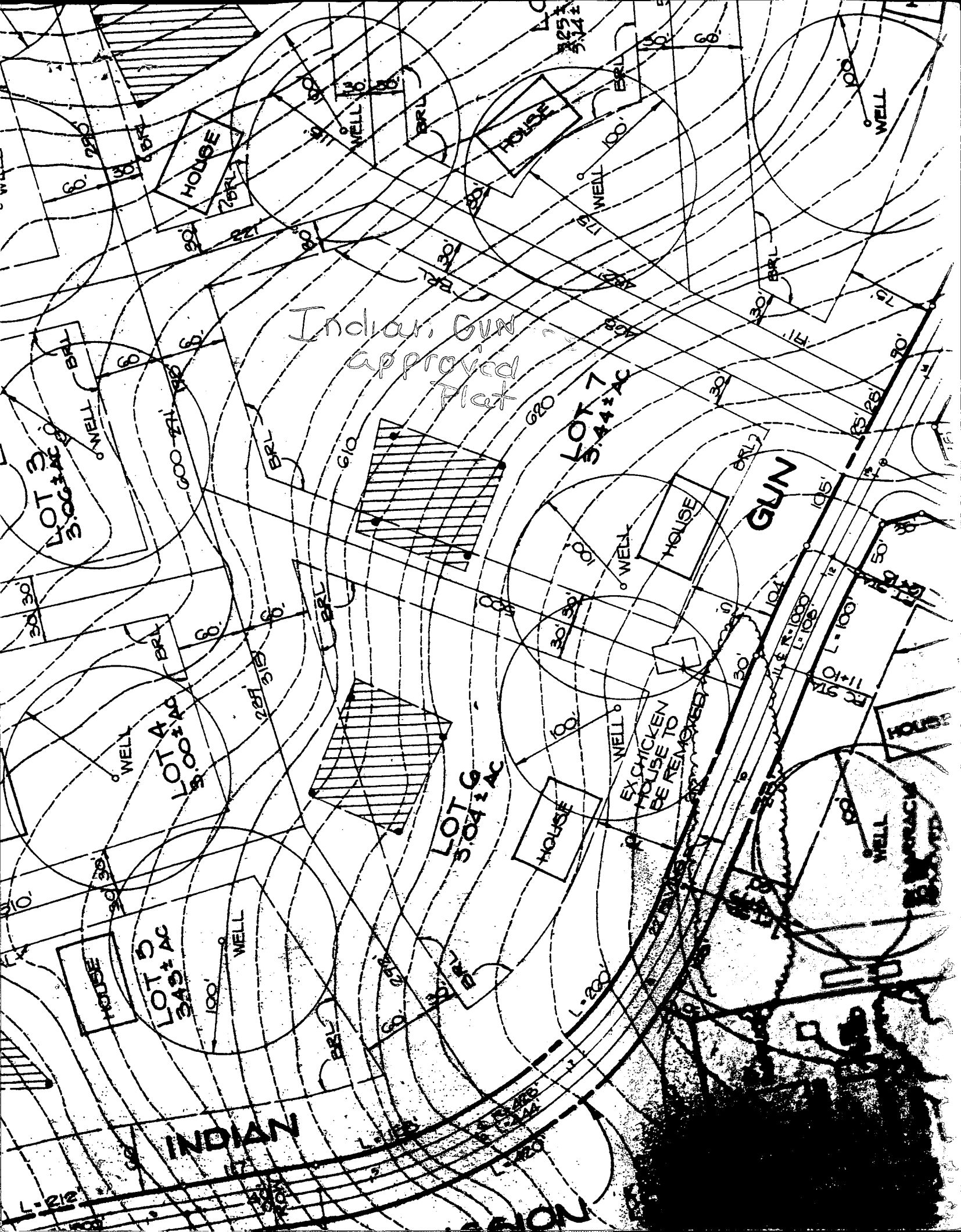
REMARKS all tests per stake
" " in open field

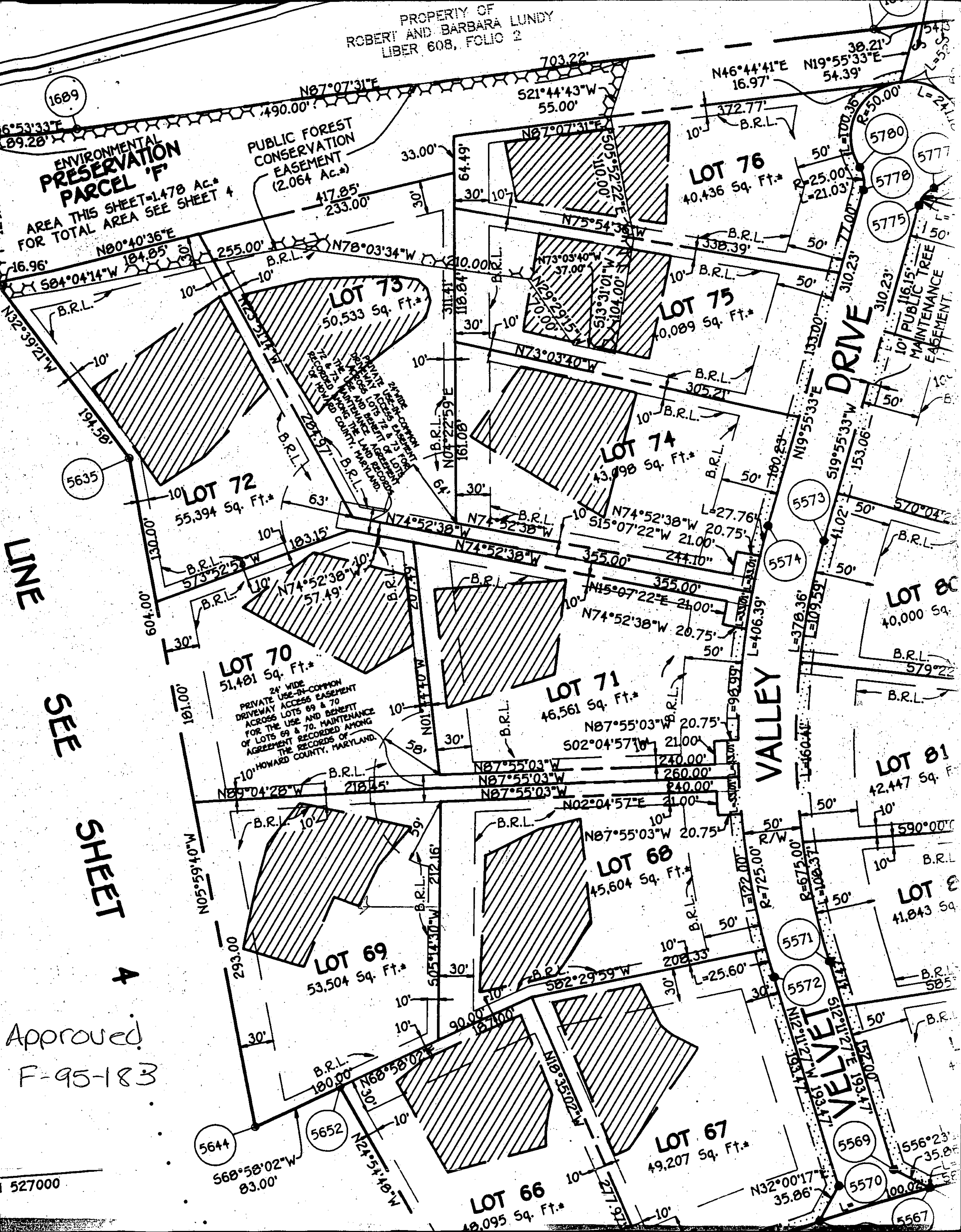
TYPE OF SOIL

TESTED BY C.B.

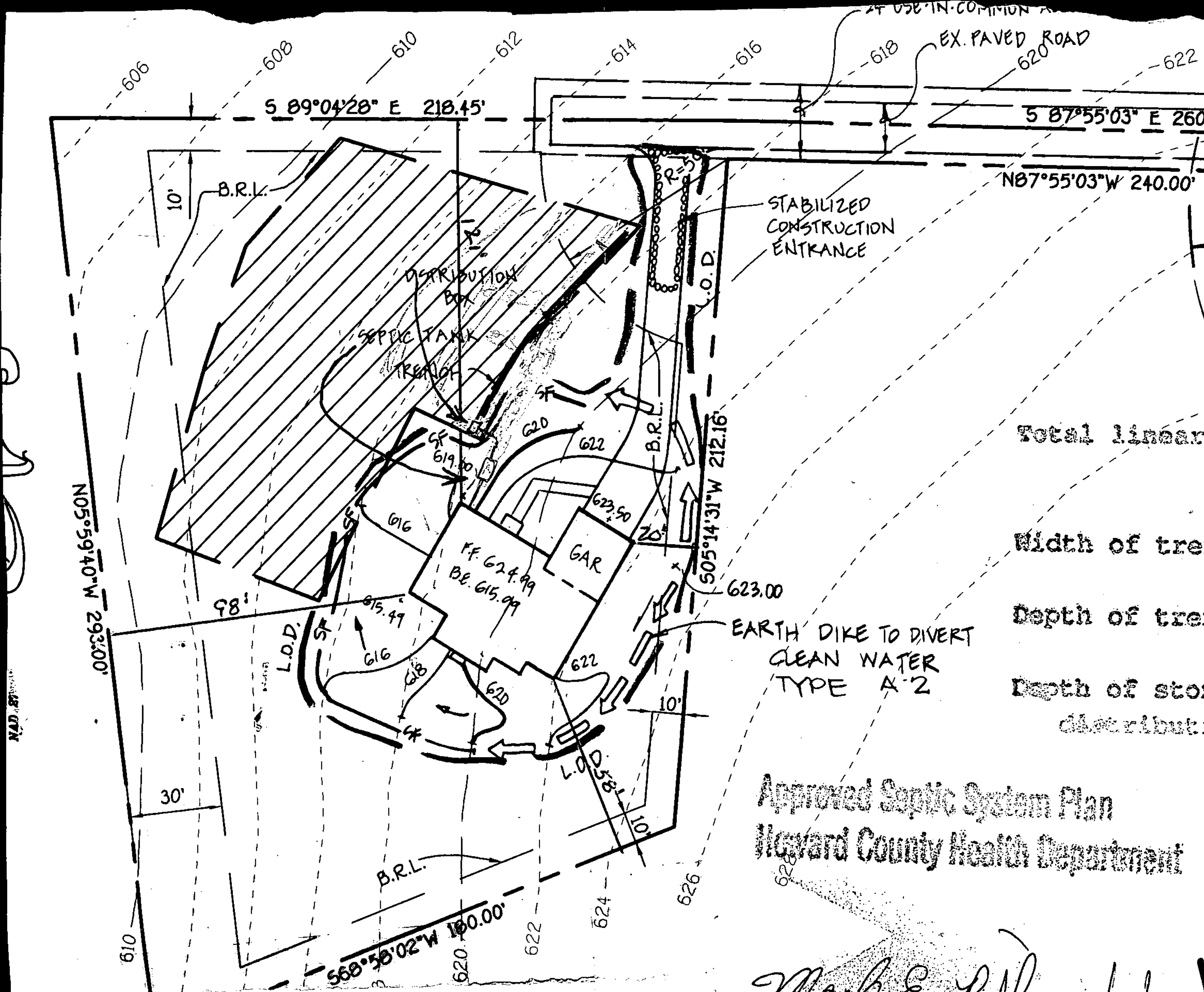
ALSO PRESENT { same as yesterday

EH-12-1079


Indian Gun
approved
Plat
LOT 3
3.06±AC
LOT 4
3.00±AC
LOT 5
3.45±AC
LOT 6
3.04±AC
LOT 7
3.44±AC
HOUSE
WELL
BRL
INDIAN
GUN
EX CHICKEN HOUSE TO BE REMOVED



PROPERTY OF
ROBERT AND BARBARA LUNDY
LIBER 608, FOLIO 2
ENVIRONMENTAL
PRESERVATION
PARCEL 'F'
AREA THIS SHEET=1.478 Ac.±
FOR TOTAL AREA SEE SHEET 4
PUBLIC FOREST
CONSERVATION
EASEMENT
(2.064 Ac.±)
LOT 73
50,533 Sq. Ft.±
LOT 72
55,394 Sq. Ft.±
LOT 76
40,436 Sq. Ft.±
LOT 75
40,089 Sq. Ft.±
LOT 74
43,098 Sq. Ft.±
LOT 70
51,401 Sq. Ft.±
LOT 71
46,561 Sq. Ft.±
LOT 68
45,604 Sq. Ft.±
LOT 69
53,504 Sq. Ft.±
LOT 67
49,207 Sq. Ft.±
LOT 66
48,095 Sq. Ft.±
LOT 80
40,000 Sq.
LOT 81
42,447 Sq. Ft.
LOT 8
41,843 Sq.
PRIVATE 24' WIDE USE-IN-COMMON DRIVEWAY ACCESS EASEMENT ACROSS LOTS 72 & 73 FOR THE USE AND BENEFIT OF LOTS 72 & 73. MAINTENANCE AGREEMENT RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.
24' WIDE PRIVATE USE-IN-COMMON DRIVEWAY ACCESS EASEMENT ACROSS LOTS 69 & 70 FOR THE USE AND BENEFIT OF LOTS 69 & 70. MAINTENANCE AGREEMENT RECORDED AMONG THE RECORDS OF HOWARD COUNTY, MARYLAND.
10' PUBLIC TREE MAINTENANCE EASEMENT
VALLEY DRIVE
VELVET
LINE SEE SHEET 4
B.R.L.
N87°07'31"E
703.22'
490.00'
S21°44'43"W
55.00'
N46°44'41"E
16.97'
N19°55'33"E
54.39'
38.21'
372.77'
R=50.00'
R=25.00'
L=21.03'
N75°54'36"W
338.39'
N73°03'40"W
305.21'
N80°40'36"E
104.85'
16.96'
S84°04'14"W
N78°03'34"W
255.00'
417.85'
233.00'
N32°39'21"W
194.58'
N74°52'38"W
355.00'
S15°07'22"W 21.00'
N15°07'22"E 21.00'
20.75'
244.10'
L=27.76'
L=406.39'
L=378.36'
S73°52'58"W
103.15'
57.49'
N87°55'03"W
260.00'
240.00'
S02°04'57"W
N02°04'57"E
N89°04'28"W
218.45'
N05°59'40"W
604.00'
181.00'
293.00'
130.00'
S02°29'59"W
208.33'
L=25.60'
R=725.00'
R=675.00'
N68°58'02"E
180.00'
S68°58'02"W
83.00'
187.00'
90.00'
N24°54'48"W
N18°35'02"W
N12°11'27"W 193.47'
S12°11'27"E 193.47'
N32°00'17"E
35.86'
S56°23'
S19°55'33"W
153.06'
N19°55'33"E
133.00'
310.23'
S79°22'
S70°04'
S90°00'
R/W
1689
5635
5573
5574
5571
5572
5569
5570
5567
5644
5652
5780
5777
5778
5775
527000
Approved
F-95-183



Total linear feet of trench required 210 feet

Width of trench(es) 2 feet

Depth of trench(es) 8 feet

Depth of stone required below distribution pipe 4 feet

GP-99-14

Approved Septic System Plan
Howard County Health Department

Mark E. Rifkin 3/10/99
Signature Date

PLAN TO ACCOMPANY APPLICA
FOR BUILDING PERMIT

LOT 69
WEST FRIENDSHIP EST

SECTION 2
LOTS 57 thru 100 PARCELS 'E'

(A RESUBDIVISION OF WEST
FRIENDSHIP ESTATES SECTIONS ONE A
PLATS No. 9932 thru 9936 AND 9

ZONING: 'RC'

TAX MAP No. 22 PARCEL 556
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
DATE: FEBRUARY, 1999
SCALE: 1"=50'

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 624.99
   B. BASEMENT ELEVATION: 615.99
   C. INVERT OF SEPTIC SYSTEM AT HOUSE: 616.60
   D. INVERT IN AT SEPTIC TANK: 615.70
   E. INVERT OUT AT SEPTIC TANK: 615.40
   F. PROPOSED GRADE OVER SEPTIC TANK: 618.00
   G. INVERT AT DISTRIBUTION BOX: 613.70
   H. EXISTING GROUND OVER DISTRIBUTION BOX: 617.70
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

Tadladia J. Fisch

C 1 | 7960 — SEQUENCE NO. (MDE USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 41 814

ST/GO USE ONLY
DATE Received 09 09 96 (8–13)

DATE WELL COMPLETED 08 30 96 (15–20)

Depth of Well (22–26) 100 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" (28–37) H0-94-0862

OWNER LDD
STREET OR RFD Rt. 32 (last name / first name) TOWN W. FRIENDSHIP
SUBDIVISION W. FRIENDSHIP EST SECTION 2 LOT 69

WELL LOG
Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	check if water bearing
Top Soil	0	5	
Brown Shell & Mica Rock	6	51	
Sandstone & Blue Rock	52	100	
Got water &			87

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes [Y] no [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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

TYPE: MWD/MSD/MGD
DRILLERS LIC. NO. 043
Wayne Harley
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
LIC. NO. 350-062
Penny Hann
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes [Y] (44) no [N] (44)
TYPE OF GROUTING MATERIAL (Circle one)
CEMENT [CM] (45–46) BENTONITE CLAY [BC] (45–46)
NO. OF BAGS 14 NO. OF POUNDS 1316
GALLONS OF WATER 84
DEPTH OF GROUT SEAL (to nearest foot)
from 0 (48–52 TOP) ft. to 55 (54–58 BOTTOM) ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
[ST] STEEL [CO] CONCRETE [PL] PLASTIC [OT] OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)!	Total depth of main casing (nearest foot)
PL (60–61)	6 4 (63–64)	60 (66–70)

OTHER CASING (if used) — EACH CASING

diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole — insert appropriate code below
[ST] STEEL [BR] BRASS BRONZE [HO] OPEN HOLE [PL] PLASTIC [OT] OTHER

C 2

	DEPTH (nearest ft.)	
EACH SCREEN 1	40 (8–9)	56 (11–15) to 100 (17–21)
2	(23–24)	(26–30) to (32–36)
3	(38–39)	(41–45) to (47–51)

SLOT SIZE 1 _____ 2 _____ 3 _____
DIAMETER OF SCREEN _____ (NEAREST INCH) (56–60)

GRAVEL PACK from _____ to _____
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 [ ] (68)

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T [ ] (70) (E.R.O.S.) [ ] (72) W Q (74–75–76)
TELESCOPE CASING — LOG INDICATOR — OTHER DATA

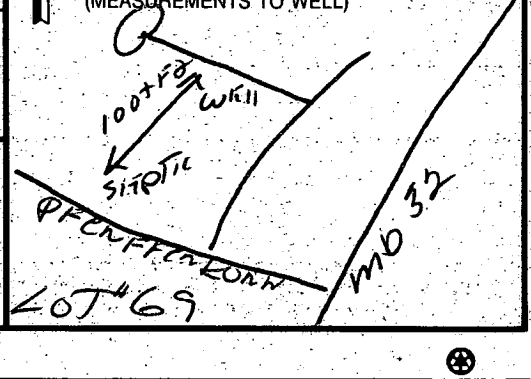
C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 3 (8–9)
PUMPING RATE (gal. per min.) 15 (11–15)
METHOD USED TO MEASURE PUMPING RATE Submersible
WATER LEVEL (distance from land surface)
BEFORE PUMPING 38 (17–20) ft.
WHEN PUMPING 56 (22–25) ft.

TYPE OF PUMP USED (for test)
[A] air (27) [P] piston (27) [T] turbine (27)
[C] centrifugal (27) [R] rotary (27) [O] other (describe below) (27)
[J] jet (27) [S] submersible (27)

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) 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. [ ] (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)
[+] (49) above / [–] (49) below LAND SURFACE
2 (50–51) (nearest foot)

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)



COUNTY

STATE USE INDUSTRIES
JESSUP, MD 20794

EMERGENCY/TEMP NO. IF ANY

B 1 | 3034 | SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER: HO-94-0862
fill in this form completely

Date Received (APA): 05/13/96

OWNER INFORMATION

LAND DESIGN DEVELOP. INC.
Last Name / Owner / First Name

10805 MICKORY RIDGE
Street or RFD

COLUMBIA MD 21044
Town / State / Zip

DRILLER INFORMATION

GARY W SHAFF
Driller's Name

MSD/MGD/(MWD)

410
License No.

HARLEY DRILLING & PUMP SYSTEMS
Firm Name

BOX 160 WOODBINE MD 21797
Address

Gary W Shaff 5-27-96
Signature / Date

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.): 3

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 800

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- 22 I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL: 209 FEET

APPROXIMATE DIAMETER OF WELL: 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
30 37 AIR-ROTary (AIR-PERcussion) ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRive-POINT
other

REPLACEMENT OR DEEPENED WELLS
(CIRCLE APPROPRIATE BOX)

- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL
- Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- 39 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- D THIS WELL WILL DEEPEN AN EXISTING WELL

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

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER: GAP

FORCE: A M (WRITE INITIALS IN BOX) PERMIT No. HO-94-0862

B 3 LOCATION OF WELL

HOWARD
8 COUNTY

WEST FRIENDSHIP
23 SUBDIVISION

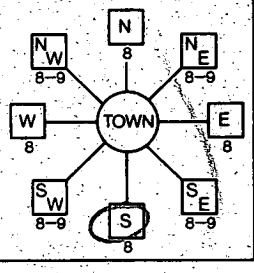
SECTION 2 LOT 69

WEST FRIENDSHIP
52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town): .2 M I

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



MD 32
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD: 500

ENTER FT OR MI: FT

TAX MAP: _____ BLK: _____ PARCEL _____

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

HOWARD CO — COUNTY NAME
A41814 — COUNTY NO.

STATE SIGNATURE _____ INSERT S

DATE ISSUED: 07/16/96
A. McMullen — CO SIGNATURE
7/16/97 — EXP. DATE

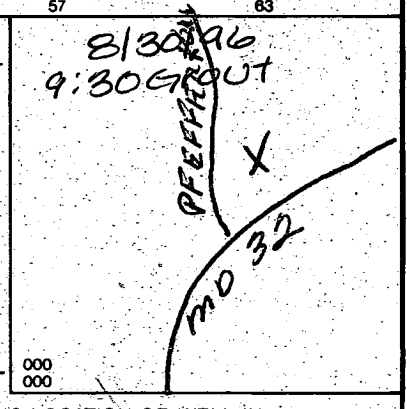
NORTH GRID: 80400
EAST GRID: 05280

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

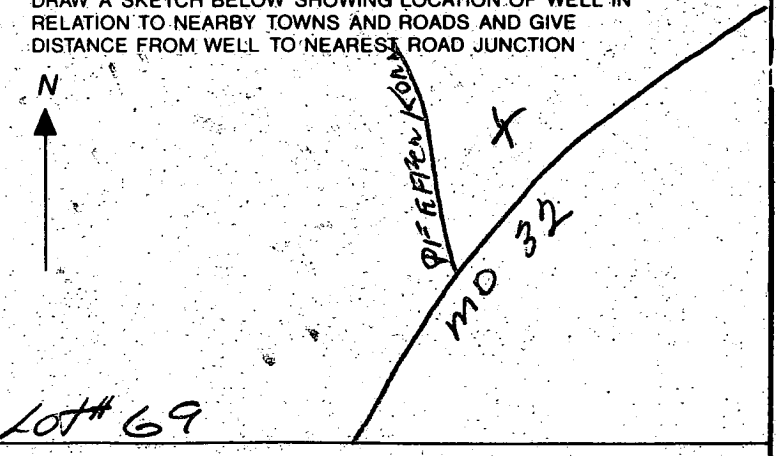
SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 80@4
N 52@8
000 000

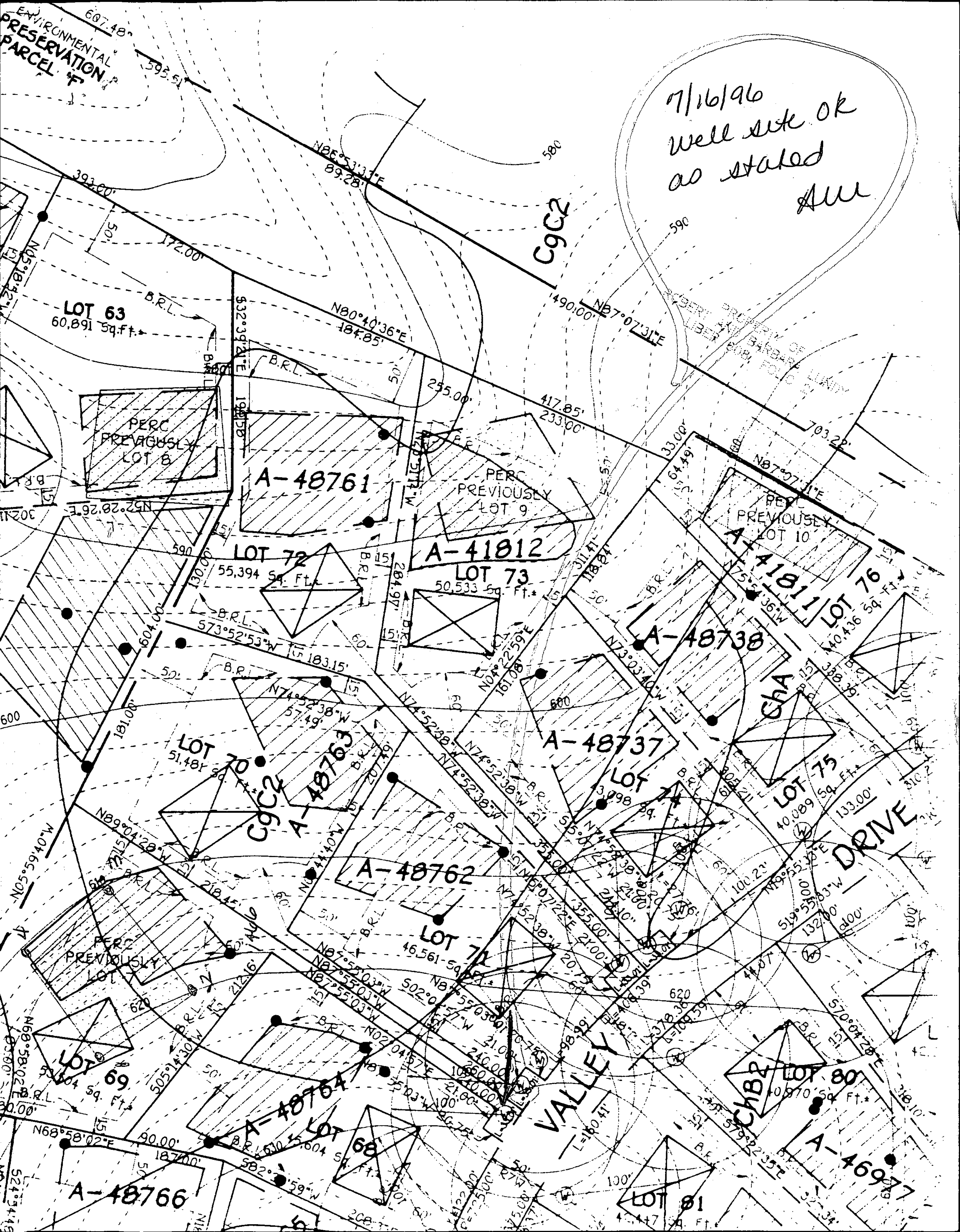


DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



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

COUNTY


ENVIRONMENTAL PRESERVATION PARCEL 'F'
7/16/96
Well site OK
as stated
AW
CgC2
LOT 63
60,891 Sq.Ft.±
PERC PREVIOUSLY LOT 8
A-48761
PERC PREVIOUSLY LOT 9
A-41812
PERC PREVIOUSLY LOT 10
A-41811
LOT 72
55,394 Sq. Ft.±
LOT 73
50,533 Sq. Ft.±
LOT 76
40,436 Sq. Ft.±
A-48738
A-48737
ChA
LOT 70
51,481 Sq. Ft.±
A-48763
CgC2
LOT 74
43,098 Sq. Ft.±
LOT 75
40,089 Sq. Ft.±
DRIVE
A-48762
LOT 71
46,561 Sq. Ft.±
PERC PREVIOUSLY LOT
LOT 69
53,604 Sq. Ft.±
A-48764
LOT 68
VALLEY
ChB2
LOT 80
40,870 Sq. Ft.±
A-46977
A-48766
LOT 81
N80°40'36"E
184.85'
N87°07'31"E
N73°03'40"W
N74°52'38"W
N89°04'28"W
N87°55'03"W
S73°52'53"W
183.15'
N05°59'40"W
N68°58'02"E
S19°55'00"W
S70°04'28"E
S79°22'35"E
S05°14'30"W
L=160.41'

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ✓
Replacement _____

Receipt # _____
Date 1-2-99

Name of Installer All Around Plumbing, Inc. Telephone 301-829-6745

License Number 18121
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber ✓

Name of Property Owner Doug Scepura Telephone _____
Subdivision West Friendship Est Lot # 69 Well Tag # HO-94-0862
Site Address 3309 Velvet Valley Dr. West Friendship

Pump
1. Type
   a. Deep well jet _____
   b. Shallow well jet _____
   c. Submersible ✓
2. Make Goulds
3. Model # 13SQ07422
4. Capacity 13 GPM
5. Pump exceeds well capacity Yes _____ No ✓
6. If Yes, is low pressure cutoff switch installed? Yes ✓ No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards ✓ Other _____

Motor
1. Horsepower 3/4
2. RPM 3450
3. Voltage _____
   a. 110 _____
   b. 220 ✓

Pitless Adapter
1. Make Mortson
2. Model # 3-20X
3. Depth 42"

Tank
1. Capacity 50.8 gallons
2. Pressure relief valve? Yes

Piping
1. Type poly
2. Size 1 1/4"
3. NSF and/or BOCA Code approved Yes
4. Depth of supply line 4'

Well data
1. Depth 100 ft.
2. Yield 15 GPM
3. Static water level 70 ft.
4. Will water supply be disinfected by installer? Yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void)

All information given above is true to the best of my knowledge.

WPI-OK 7/7/99 SRK

Signature of Applicant J. Brenn Madden, Pres.

Date: 7-2-

Note: A sticker indicating approval status of the installation will be placed on the well casing at the time of the inspection.

HD 215