

3/17/97
3:30
3/18/97
3pm
WPF anytime
4/3/97
4/29/97
10AM

04-346807

3-18-97 needs house conn KM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 58024

A 38383

DISTRICT 4th

DATE 3/14/97

DATE SYSTEM APPROVED 4/29/97

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XX45X-9938 313-2640

INDEXED

Farm and Home Excavating

IS PERMITTED TO INSTALL X ALTER

ADDRESS 901 Driver Road Marriotsville, MD 21104

PHONE 442-2139

SUBDIVISION Glenwood Springs LOT 35 ROAD 2820 Shadow Roll Court

PROPERTY OWNER Mr. and Mrs. Jack Milliani

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 $4\frac{1}{2}$ feet below original grade. Bottom maximum depth $8\frac{1}{2}$ feet below original grade. Effective area begins at $4\frac{1}{2}$ feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 275 feet down the right (462.00') lot line and 110 feet off this same lot line. Run trenches on contour to right side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 9/24/96 DKS

PLANS APPROVED BY Mark Rifkin/Donna K. Soe

DATE 09/20/96

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

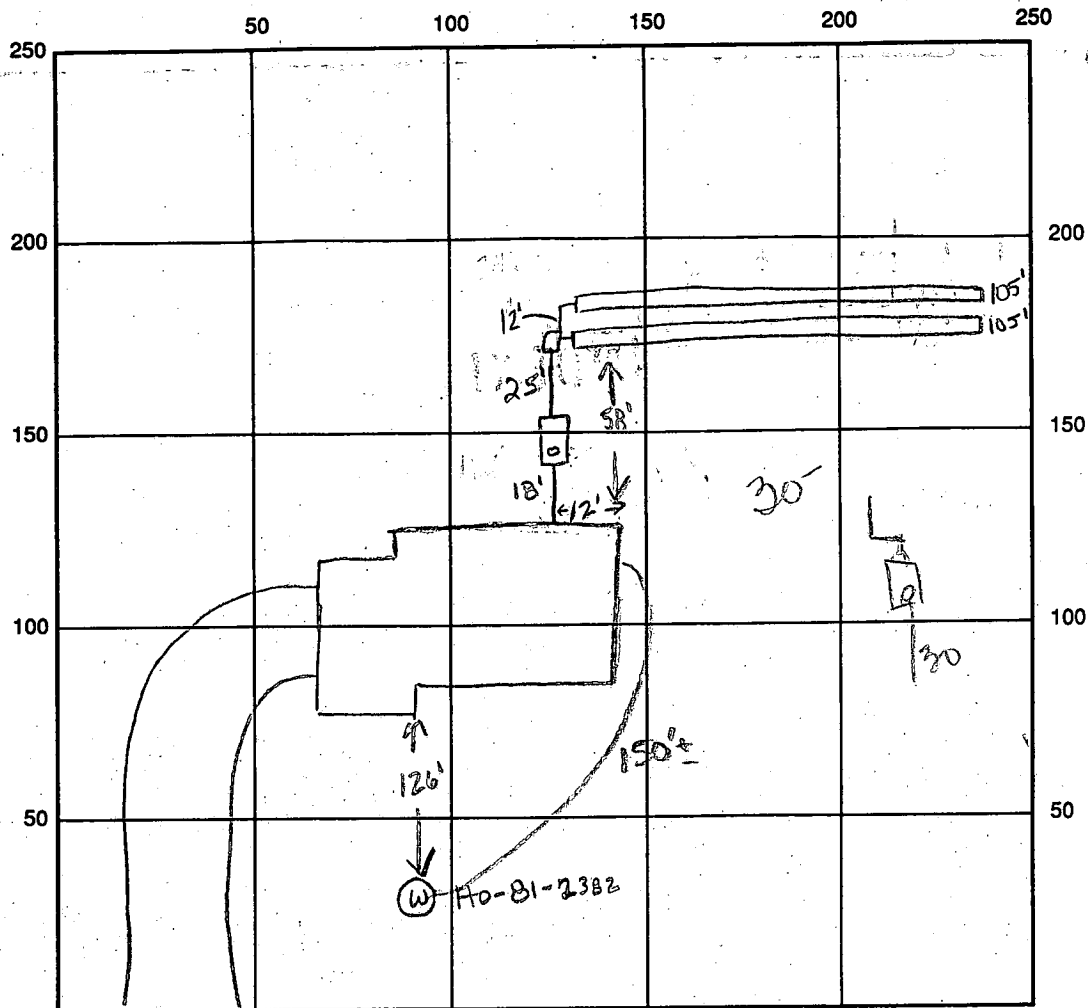
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Shadow Roll cto

SEPTIC TANK LEVEL OK, 1250 gallons CLEANOUTS 1 on tank

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 8.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 2 x 105 FT. → 210

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

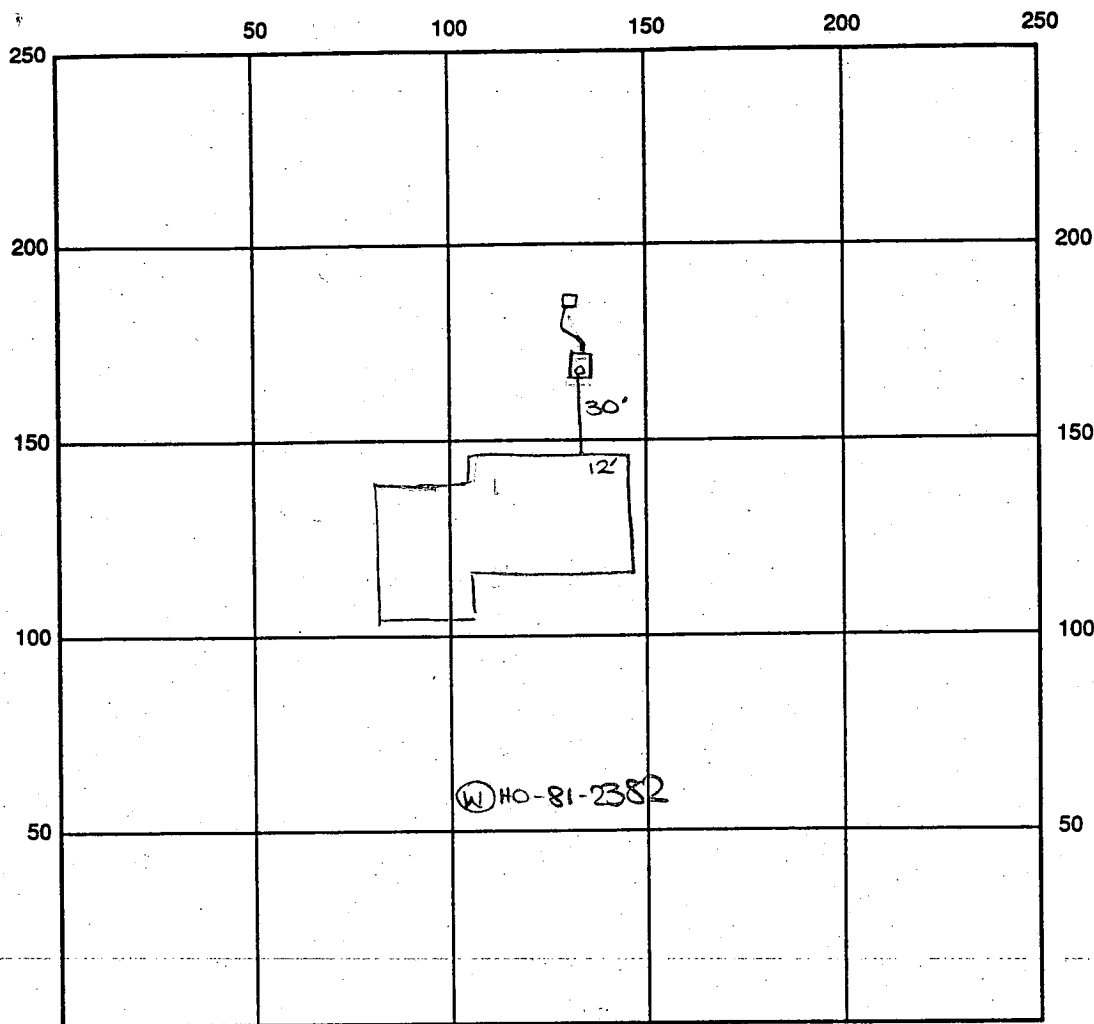
DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 3-17-97 OK to continue and cover up to distribution box, needs house connection KM

3-18-97 no house connection made, OK to cover all work KM

DATE SYSTEM APPROVED INSPECTOR



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK-1250 gal CLEANOUTS one on site.

DISTRIBUTION BOX LEVEL EX

DRAIN FIELD/TITLE DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 4/29/97 OK to cover septic tank as relocated. DKS

DATE SYSTEM APPROVED

4/29/97

INSPECTOR

[Signature]

APPLICATION

PERCOLATION TESTING

A 38383

P _____

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

DISTRICT 4

DATE NOV. 21, 1986

*1/21/87
perc OK, pending
approved plat
(P)*

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 Mr. & Mrs. JACK MILLIANI
MR. C. WOODSTER ABBOTT, PERSONAL REP. ESTATE OF JESSE HAKES

ADDRESS 2530 N. CALVERT STREET, BALTO. MD. 21218 PHONE _____

PROSPECTIVE BUYER RONALD B. CARTER

ADDRESS 1750 DAISY ROAD, WOODBINE, MD. 21797 PHONE 461-2855

PROPERTY LOCATION:

SUBDIVISION JESSE HAKES ESTATE LOT NO. 35

ROAD AND DESCRIPTION END OF COURT 'C' (2820 Shadow Rd/C) Subm on 4/29/87

TAX MAP 14 PARCEL # 87

SIZE OF LOT 3 AC. TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 9/20/86
Seal # 67182075-4B

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 _____

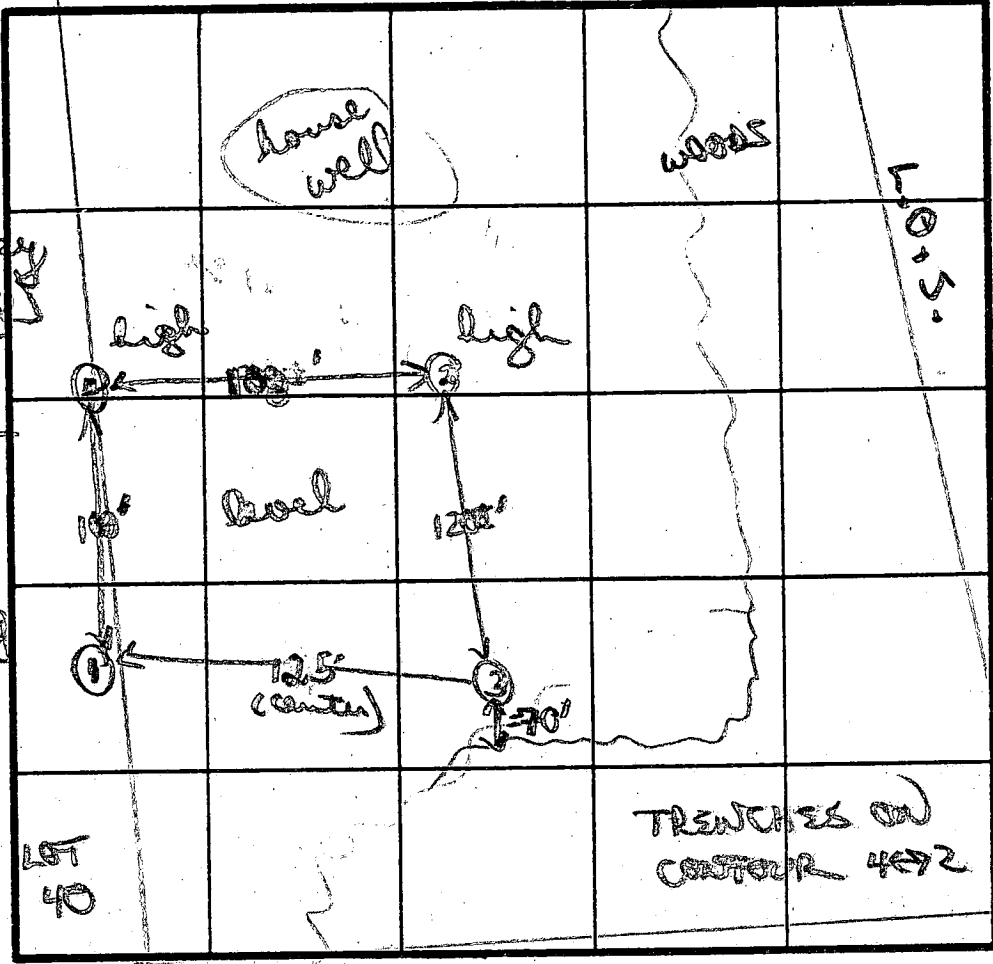
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for certified holes & subg plat

THIS IS NOT A PERMIT

TO ROAD B



SOIL PROFILE

orange chunky clay (heavy) 4'
to orange clay loam 5'
to orange / purple gritty silty loam
↓
12'D

orange / purple clay loam 4 1/2'
to purple powdery silty loam w/ few scattered rock frags
11'D

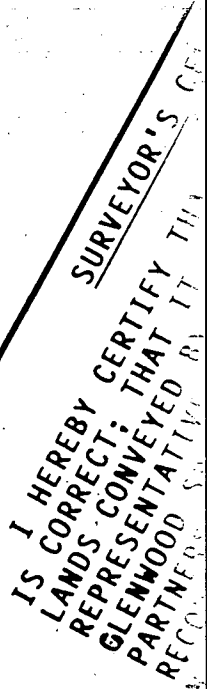
210 1/4 100
INLET 4 1/2
MAX D 8 1/2
X = 13.5 m

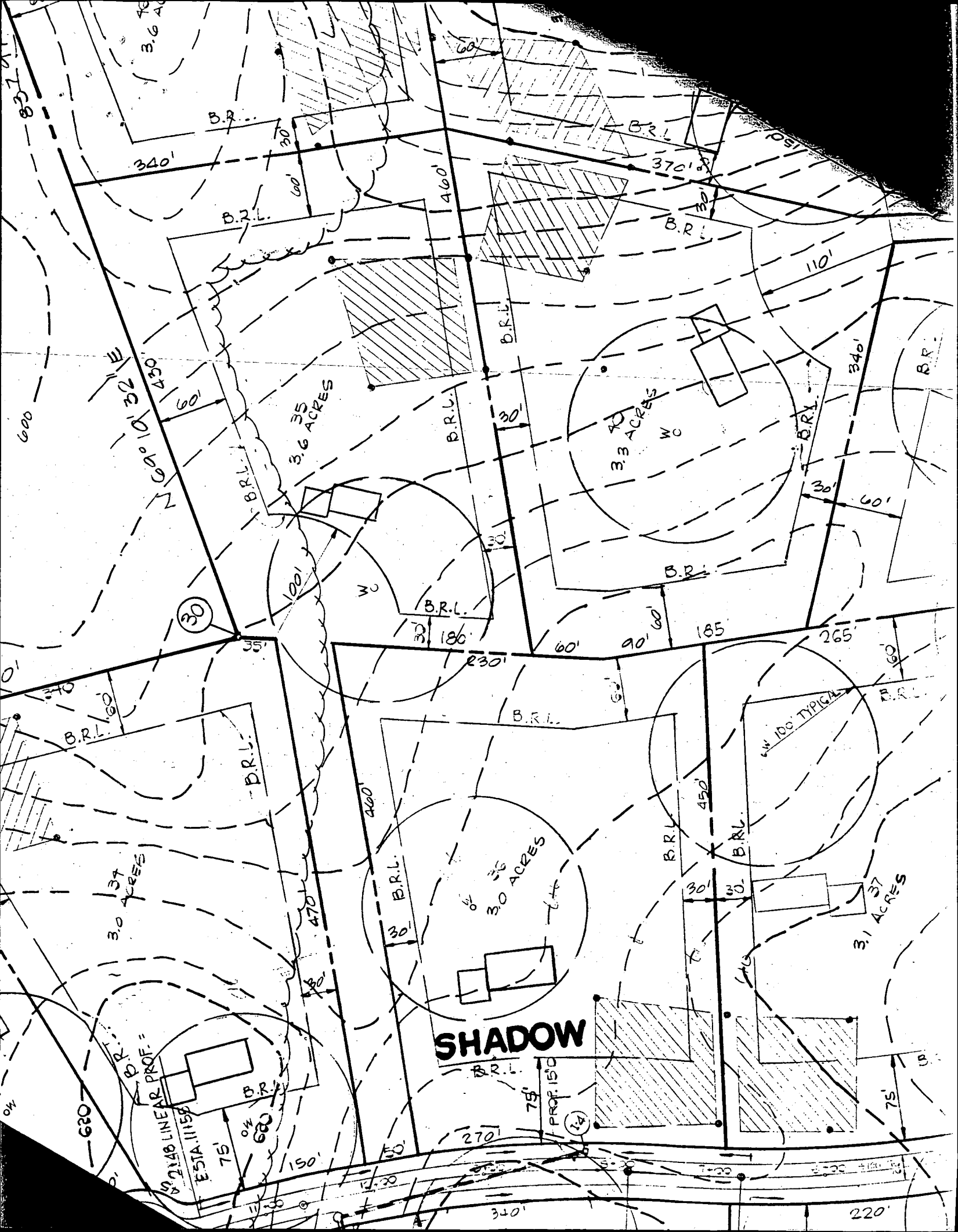
orange / red clay 4 1/2'
to orange powdery silty loam w/ few small scattered frags
↓
11 1/2'D

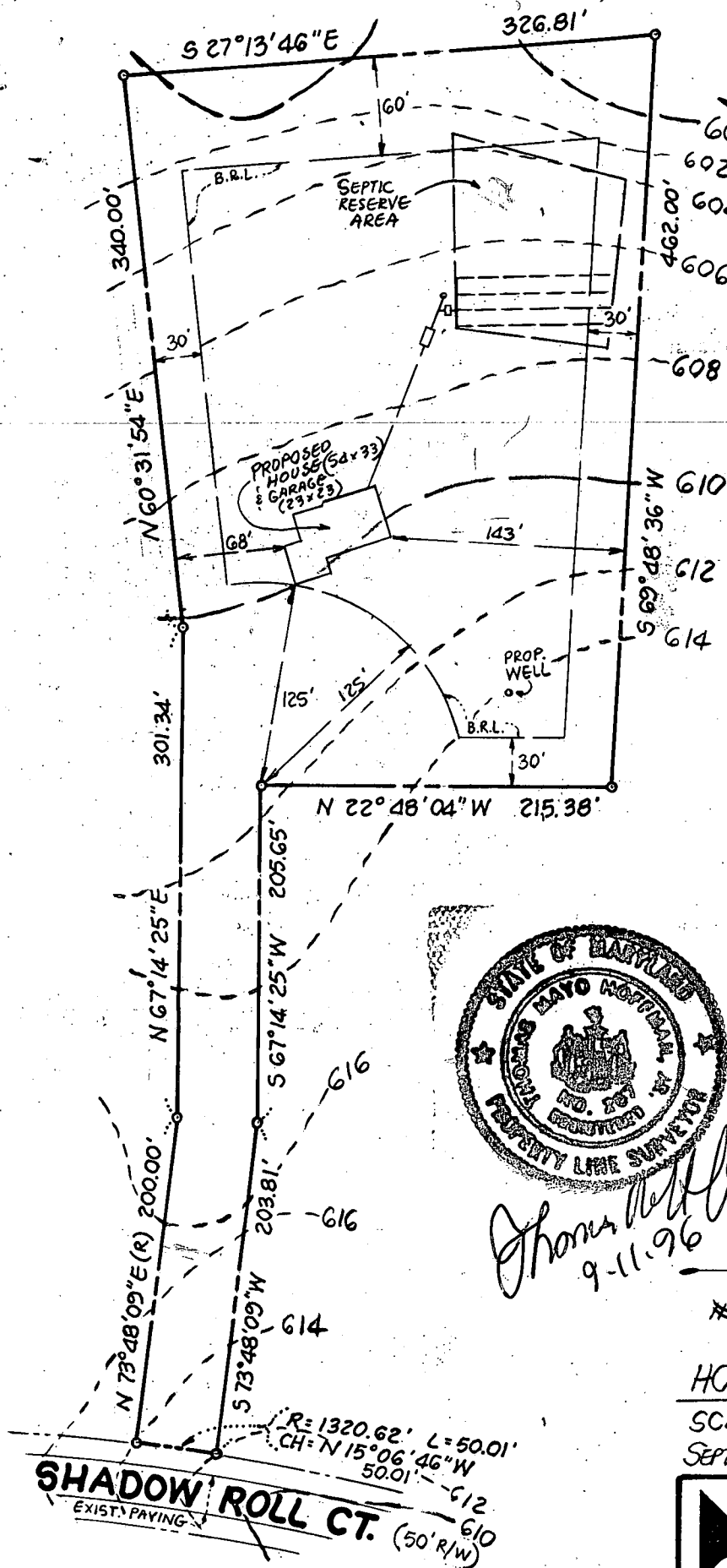
heavy orange yellow clay 3'
quickly to powdery orange silty loam w/ area of max rock 4-7'
11 1/2'D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/21/87	①	4 1/2'S	1230	1240	1240	1257	17 min
		8'm	1230	1232	1232	1235	3 min
		12'D	Bottom (see profile)				
	④	4'S	132	145	145	203	18 min
		8 1/2'm	132	136	136	146	10 min
		11 1/2'D	Bottom (see profile)				
	②	4'S	145	146	146	148	2 min
		11 1/2'D	Bottom (see profile)				
	③	4 1/2'S	158	215	215	245	30 min
		11'D	Bottom (see profile)				

REMARKS: 4+1 common holes w/ lot 40, system could go 8 1/2' if needed
TYPE OF SOIL: orange clays up to 4 1/2', mostly silty loam below
TESTED BY: B Wyfan
ALSO PRESENT: Phil, Cliff







Approved Septic System Plan Howard County Health Department

Donna S. Lee 9/20/96
Signature Date

SEPTIC SYSTEM ELEV'S

F.F. ELEV.	612 E
BSMT ELEV.	604 E
INV. OUT OF HOUSE	604 E
EX. ELEV. @ SEPTIC TANK	607 E
INV. INTO SEPTIC TANK	603 E
INV. OUT OF SEPTIC TANK	602 E
EX. ELEV. @ DIST. BOX	606 E
INV. ELEV. INTO DIST. BOX	602 E
EX. ELEV. AT TRENCH	607 E
INV. ELEV. INTO TRENCH	598 E

BEING

LOT 35 (3.47 AC.)
"GLENWOOD SPRINGS"
PLAT # 7684



Thomas M. Hoffmann
9-11-96

SITE PLAN FOR

#2820 SHADOW ROLL CT.
HOWARD COUNTY, MARYLAND

SCALE: 1" = 100'
SEPTEMBER 11, 1996



HOFFMAN and HOFFMAN
SURVEYORS • LAND PLANNERS

5502 STONINGTON AVENUE • BALTIMORE, MARYLAND 21207

C1 1988 SEQUENCE NO. (OEP USE ONLY)

1 2 3 6
(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 TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER A 38383

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

110289

22 225 26
(TO NEAREST FOOT)28 29 30 31 32 33 34 35 36 37
HC-81-2302

OWNER

WILSEY

WILLIAM

STREET OR RFD

SHADOW ROLL COURT

TOWN

GLENWOOD

SUBDIVISION

GLENWOOD SPRINGS SECTION

LOT

35

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

FROM

TO

Check
if water
bearing

SAND, Stone

0 68

Gray MICHA
Rock

68 225

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes no
Y N
44 44

TYPE OF GROUTING MATERIAL

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS 9

NO. OF POUNDS 846

GALLONS OF WATER 54

DEPTH OF GROUT SEAL (to nearest foot)

from 0 40 ft. to 40 58
(enter 0 if from surface)casing
types
insert
appropriate
code
below

CASING RECORD

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN Nominal diameter Total depth
CASING top (main) casing of main casing
TYPE (nearest inch) (nearest foot)

54

6

94

EACH
CASING

OTHER CASING (if used)

diameter depth (feet)
inch from toscreen type
or open hole

SCREEN RECORD

insert
appropriate
code
belowST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OT OTHER

C2

EACH
SCREEN

DEPTH (nearest ft.)

1 110 68 225
8 9 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)

from to

GRAVEL PACK

IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

WQ

70

72

74 75 76

TELESCOPE
CASINGLOG
INDICATOR

OTHER DATA

C3

1

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 74

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 25

WHEN PUMPING 46

TYPE OF PUMP USED (for test)

A air P piston T turbine
C centrifugal R rotary O other (describe below)
J jet S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO

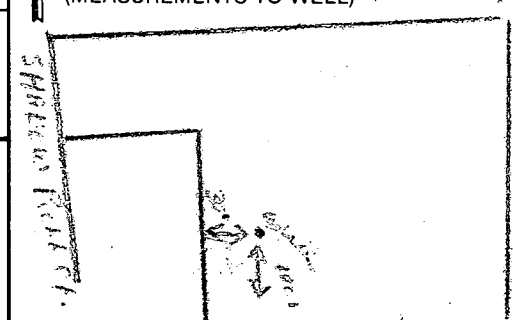
IF DRILLER INSTALLS PUMP, THIS SECTION
MUST BE COMPLETED FOR ALL WELLS
EXCEPT HOME USE
TYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O)
IN BOX - SEE ABOVE:CAPACITY:
GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box
and enter casing height)+ above } LAND SURFACE
- below } (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)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
WELLI HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN
ACCORDANCE WITH COMAR 10.17.13 "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 IDENT. NO. 238

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)

HEALTH

Well Permit No. HO - 81-2382
Location of property (road) SHADOW ROLL COURT
Subdivision GREENWOOD SPRINGS Lot 35 Block Plat Sec.
Well Driller JOSEPH MYRNE Owner WILSEY, WILLIAM

I. High rate pumping -- reservoir drawdown

II. Recovery pump test data - observations to be recorded every 15 minutes

HD-224

W.P.I. anytime
4/3/97

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-N Ellicott Mills Drive
Ellicott City, MD 21043
Fax 313-2648 313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Installation ☒ Receipt # _____
Date 4/2/97
Name of Installer ROBERT L. FEEZER CO., INC. Telephone 781-4655
License Number 2102 Certified Well Pump Installer ☒ Well Driller _____ Registered Plumber ☒
Name of Property Owner STEPHEN THOMPSON BWR Telephone 795-1405
Subdivision GLADWOOD SPRINGS Lot # 35 Well Tag # 40-81-2382
Site Address 2820 SHADOW ROLL CT.

Pump
1. Type
a. Deep well jet
b. Shallow well jet ☒
c. Submersible ☒
2. Make FLINT & WALLING
3. Model # 4F07G07-301
4. Capacity 1 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 _____
2. RPM 3450
3. Voltage
a. 110 _____
b. 220 ☒

Pitless Adapter
1. Make HARVARD
2. Model # 15P00
3. Depth 42"

4/3/97
CAPTIVE AIR
Tank WEX-TROL WX-350
1. Capacity 119 GALS.
2. Pressure relief valve? YES
P.A. 4' below grade.
Casing 1.5' above grade.
2 pc cap installed.
OK to cover. (DPS)

Piping
1. Type Poly.
2. Size 1"
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 42"

Well data 2nd Joe Wynn
1. Depth 280 ft.
2. Yield 7+ GPM
3. Static water level _____ 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.

Signature of Applicant: Robert L. Feezer

Date: 4/2/97

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

RECEIVED
HOWARD CO. HEALTH DEPT.
ENVIRONMENTAL HEALTH
1997 APR 14 P 12:28

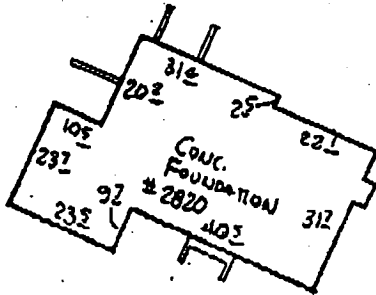
DISCUSSED DECK PLANS
WITH BLDG -
TOO CLOSE TO TANK,

GIVEN THE OPTION
TO REDUCE THE DECK
ON MOVING THE TANK,
HE INDICATES HE
WOULD LIKELY
MOVE TANK.

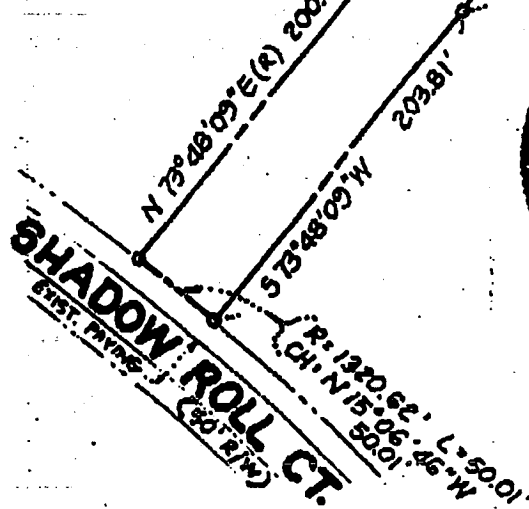
4/1/97
Will
Kin See

THIS PLAT IS NOT TO BE USED FOR THE PHYSICAL
LOCATION OF PROPERTY LINES.

THIS PROPERTY IS NOT LOCATED WITHIN ANY
PREVIOUSLY DETERMINED FLOOD PLAIN AREA,
UNLESS OTHERWISE INDICATED.



BLOWUP
SCALE: 1"=40'



BEING

LOT 35

GLENWOOD SPRINGS

PLAT # 7684

THIS IS TO CERTIFY THAT ON OCTOBER 28, 1996

I PERFORMED A LOCATION SURVEY ON THE

PROPERTY KNOWN AS
2820 SHADOW ROLL COURT

FOR THE PURPOSE OF LOCATING THE IMPROVEMENTS
THEREON AND SAID IMPROVEMENTS ARE LOCATED
WITHIN THE BOUNDARIES OF THE SUBJECT PROPERTY.

Thomas M. Hoffman, Jr.
THOMAS M. HOFFMAN, JR.

PROP. L.S. #267

SCALE: 1"=100'



HOFFMAN and HOFFMAN
SURVEYORS • LAND PLANNERS

5602 STONINGTON AVENUE • BALTIMORE, MARYLAND 21207

STEPHEN A.
THOMPSON
BUILDERS, INC.

April 5, 1997

Health Dept.

Permit # B00102075
2820 Shadow Rock Ct.

We propose to construct a deck 18 feet from the house elevated 5 feet off the ground. There will be no interference with the 1500 gal tank and the cleanout will be easully accesable. We are 28 feet to the distrubition box to the deck. We are asking that our perlimentary deck plan be approved.

Thank you

Stephen Thompson



1500 gal
TANK
EXISTING

Cleanout
↓

Support Beam

2"

Pier FTgs
16 x 16 x 12
TYP.

Proposed Deck

5' Above Grade

Sewer Line
EXISTING

18'

EXISTING House

