

2/6/91 AM 2/8/91 NOON
2/11/91 NOON

04-318532

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 46737

A 39218

DISTRICT 4th

DATE 1/19/89

DATE SYSTEM APPROVED 2/11/91

INSPECTOR M. R. [Signature]

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

BWT IS PERMITTED TO INSTALL ALTER

ADDRESS 11974 Route 216, Fulton, Maryland 20759 PHONE _____

SUBDIVISION Foxport Plantation LOT 5 ROAD 15525 Bushy Park Road *Tail Run*

PROPERTY OWNER Steven Martin *Gray Smith*

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 5 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 60 feet from the right side of the lot as seen when facing the lot from the Right-of-way and 170 feet from the back lot line which is 280.73 ft long. Run the trenches toward right side line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *10/11/90 OK RJ*

PLANS APPROVED BY Ray Hodges DATE 1/19/89

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

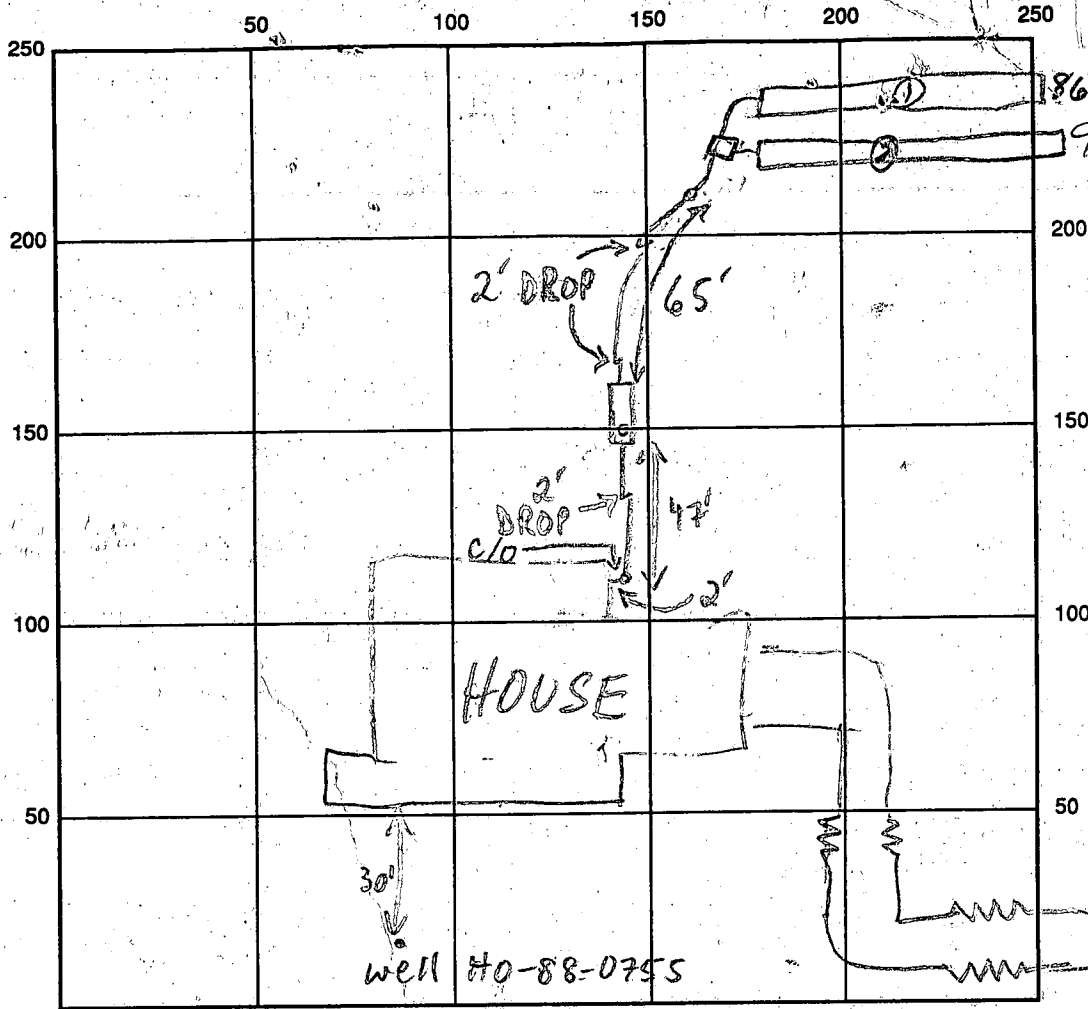
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)

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

Add-on - Extension
BLDG. PERMIT SIGNED AND RETURNED 6-24-96
Serial # B00100676

A 39218



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1500 GAL CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 1 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 5 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 1/4 FT. TOTAL LENGTH 1086 @ 2 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 0344 @ 376 SQ. FT.

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

ABSORBENT AREA 720 SQ. FT.

REMARKS: 2/6/91 OK TO COVER HOUSE TO END OF PIPE MR
2/8/91 OK TO STONE TRENCH ① & DIG ②, INSTALL C/O
AT 65' FROM S.T. MR 2/11/91 TRENCH ② UP TO 30-50% RX, MUCH MORE
THAN PERC. NOTES INDICATE, W/SOME VERY LARGE FRAGS; TOLD
INSTALLER TO CALL IF FUTURE DEEP SYSTEMS ARE AS ROCKY;
LET INSTALLER CONT W/JOB PER EX. SPECS, (2' SHALLOWER WOULD NOT
MAKE MUCH DIFF.) MR

DATE SYSTEM APPROVED 2/11/91 INSPECTOR M. Ripkin

2/11/91 #2 OK TO COVER ALL MR

APPLICATION

PERCOLATION TESTING

A 39218
P _____
DISTRICT 4TH
DATE 4-24-87

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

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 DONALD RIPPEON Steven Martin

ADDRESS 15474 BUSHY PARK RD PHONE _____

PROSPECTIVE BUYER UNITED GENERAL CONTRACTORS

ADDRESS 8370 COURT AVE, ELLICOTT CITY PHONE 461-2227

PROPERTY LOCATION:

SUBDIVISION RIPPEON PROPERTY LOT NO. 5

ROAD AND DESCRIPTION 15325
CORNER OF GARR'S MILL & BUSHY PARK ROAD, WOODINE,

HOWARD COUNTY

TAX MAP 14 & 8 PARCEL # 9 & 12

SIZE OF LOT @ 3 acre lot 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.

Donald Rippeon ^{SFD}
(SIGNATURE OF APPLICANT)

APPROVED BY [Signature] FOR Trenches DATE 1/19/89

REJECTED BY _____ FOR _____ DATE _____

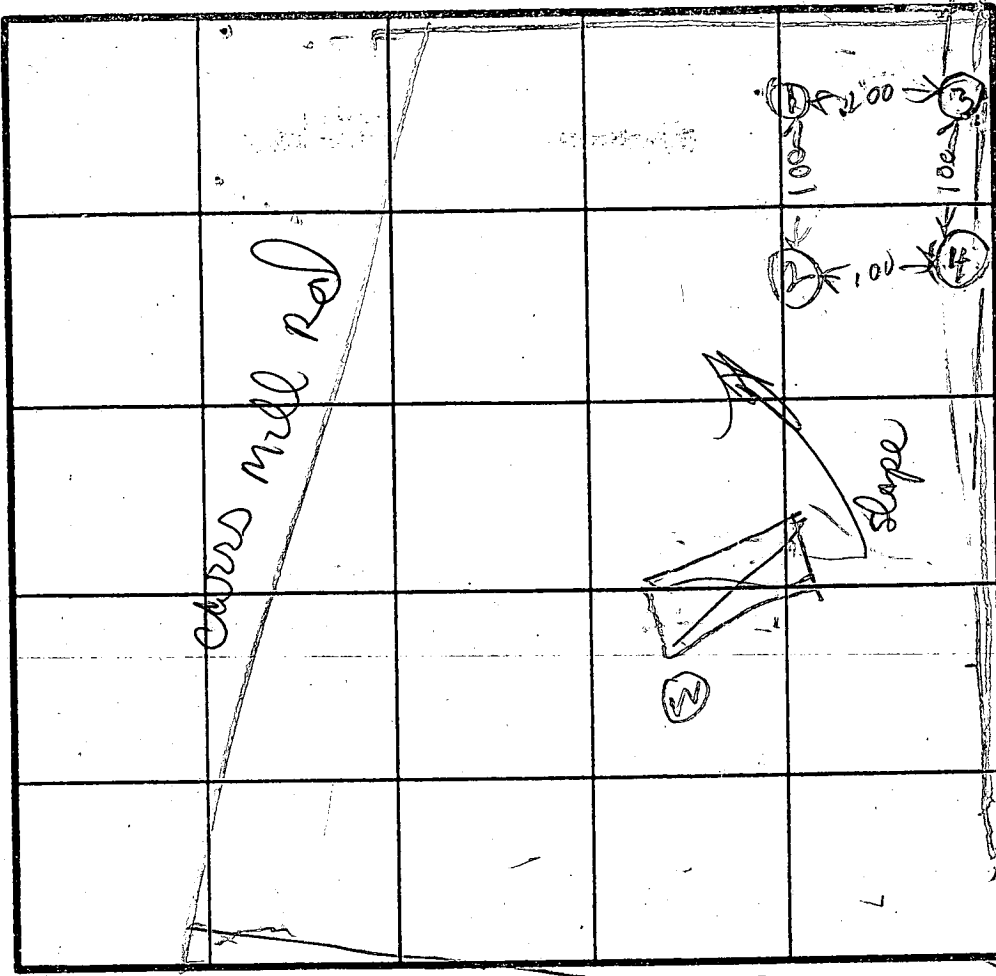
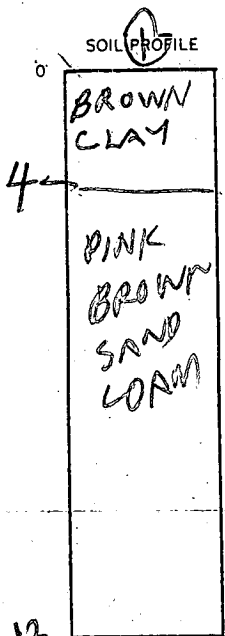
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6/23/87 Per OK / Hold for Plat P/H

BOG. PERMIT SIGNED
AND RETURNED 10/05/89
Serial #34783
SFD

THIS IS NOT A PERMIT

2075



HOLE ELEVATION

④ = Highest

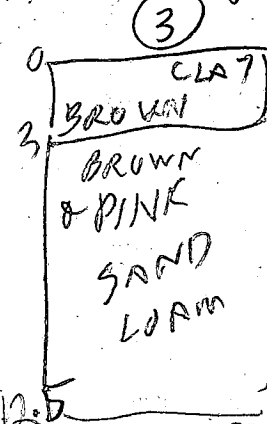
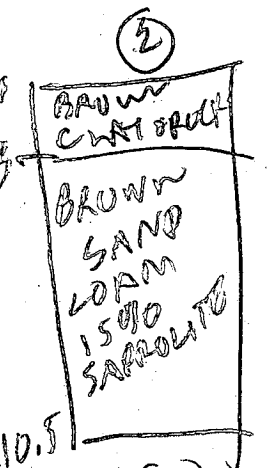
③② = Medium

① = Low

max depth 4 ft

cutting 9 min

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

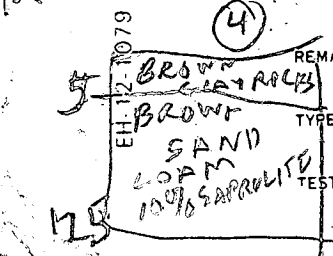


DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/23/97	1 S	4.5	1231	1240	1240	105	25
	1 V	13.0	OK				
	2 D	7.0	1244	1245	1245	1250	5
	2 S	4	1258	104	104	109	5
	2 V	10.5	OK				
	3 S	3.5	1205	1227	1227	106	39
	3 V	12.5	OK BELOW 4 1/2 FT				
	3 M	5	239	241	241	247	6
	4 S	4.5	1260	1238	1238	119	42
	4 V	12.5	OK BELOW 5 FT				5
←	4 M	5.5	243	249	249	256	7

ON LINE HOLE LOT 546

ON LINE HOLE LOT 546

2075 546



REMARKS _____

TYPE OF SOIL _____

TESTED BY Raymond J. [Signature]

contractor DAVE

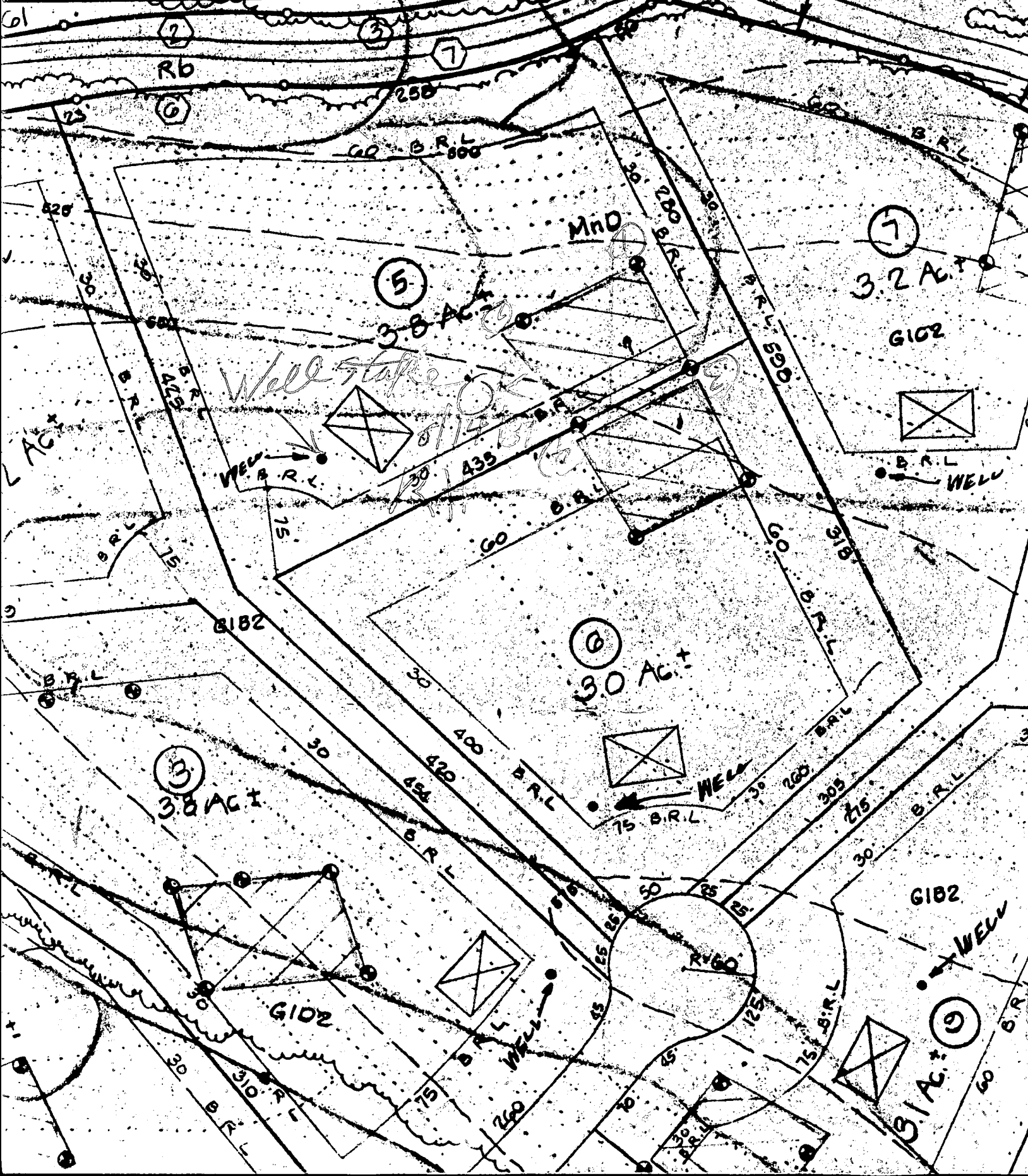
ALSO PRESENT DAVE & [Signature]

CHRIS J [Signature]

ROAD

4 W 734.84

CHB2 N 15° 18' 199.46



N 00° 26' 04" W 734.84'

N 09° 52' 04" W 282.61' (24)

Rb

MnF

GROSS AREA 4.2 AC

PANHANDLE AREA 0.3 AC

NET AREA 3.9 AC

MnD

GROSS AREA 3.8 AC

PANHANDLE AREA 0.2 AC

NET AREA 3.6 AC

MnD

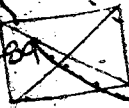
(5)

N 02° 18' 30" W 810.60'

810.60'

3.0 AC

Well site
DK 27789

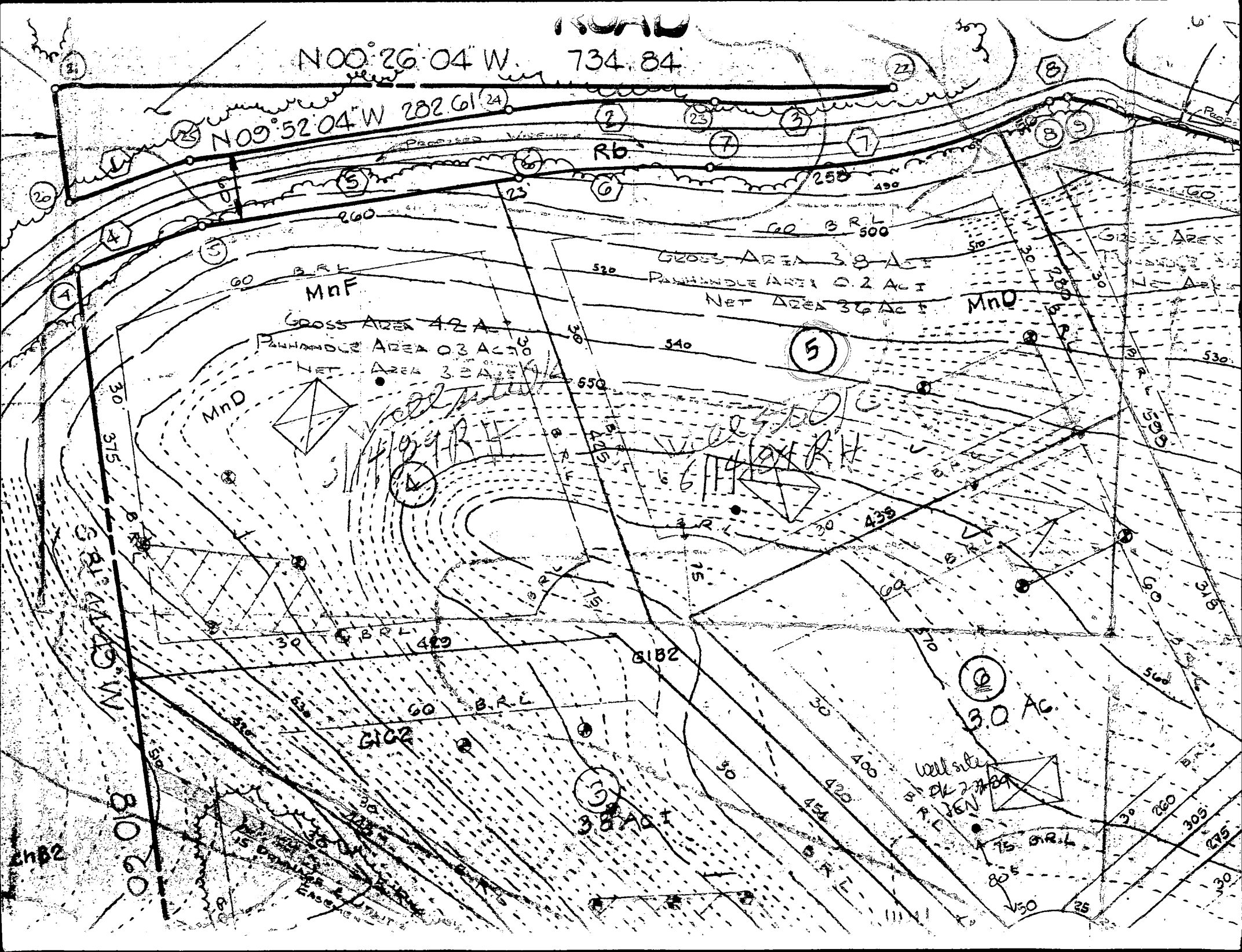


75 GR.L

(5)

3.8 AC

2h82

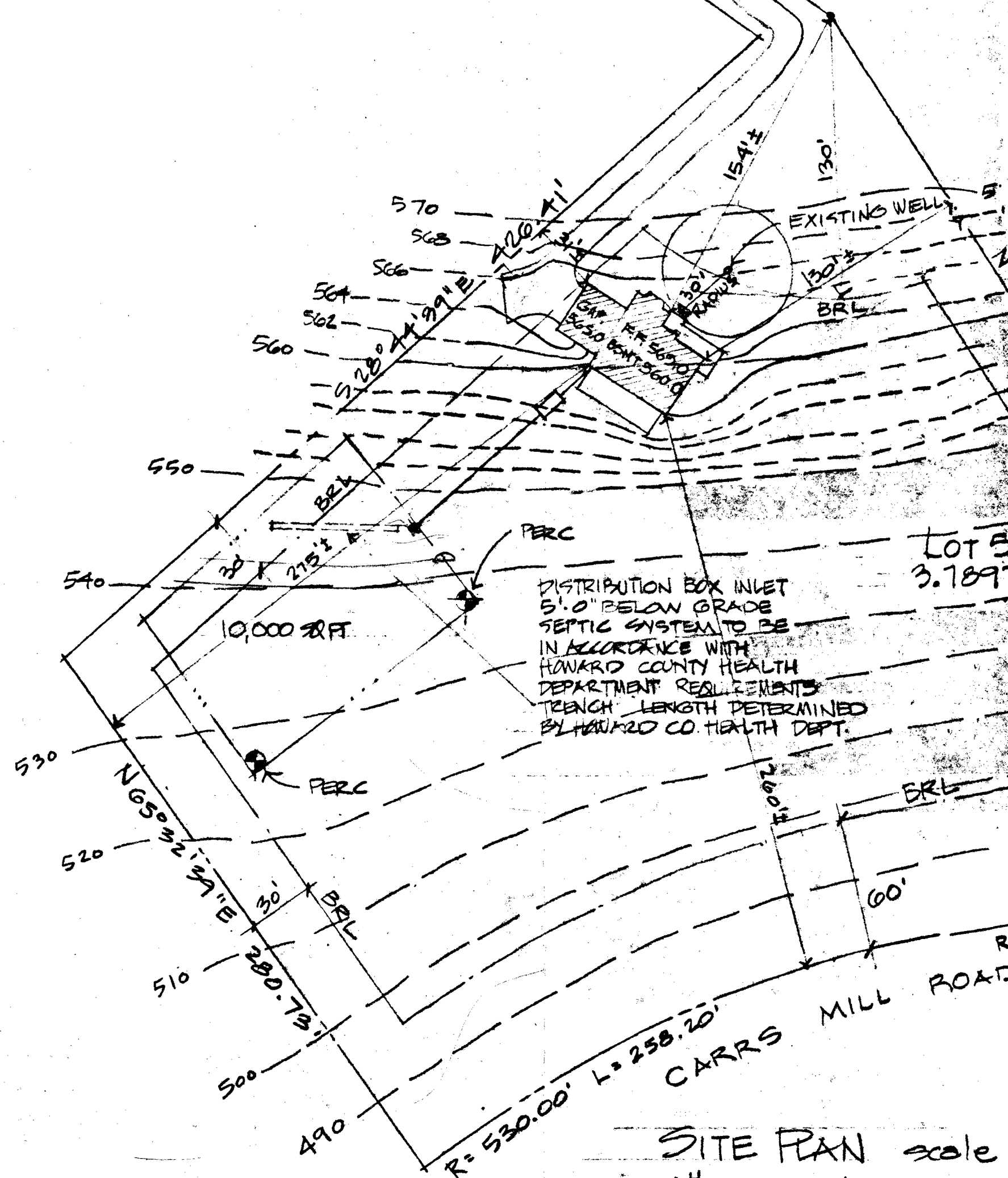


BUSHY
TAIL
RUN

R=50.0'
L=25.84'

S 46° 35' 50" W 420.97'

S 46° 35' 50" W 398.23'



DISTRIBUTION BOX INLET
5.0" BELOW GRADE
SEPTIC SYSTEM TO BE
IN ACCORDANCE WITH
HOWARD COUNTY HEALTH
DEPARTMENT REQUIREMENTS
TRENCH LENGTH DETERMINED
BY HOWARD CO. HEALTH DEPT.

LOT 5
3.7897

SITE PLAN scale
4th ELECTION DISTRICT
INFORMATION FOR THIS PLAN WAS OBTAINED
FROM RECORDS OF "FOXPORT PLANTATION" DATED 1887
PREPARED BY JOHN C. MELLOR

B 1 7969 SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL
please print or type.

STATE PERMIT NUMBER
40-88-0755
fill in this form completely

Date Received (APA) 011587
OWNER INFORMATION
THE BRYANT GROUP
2815 BARKHARDT ROAD
PARKS CHURCH VA 22043

B 3 LOCATION OF WELL
4 WARD
8 COUNTY
FOXPORT PLANTATION
23 SUBDIVISION
SECTION 44 46 LOT 5 48 50
GLENNWOOD
52 NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 2.6 MI

DRILLER INFORMATION
Joseph L. Mayne
Driller's Name
Joseph L. Mayne Well Drilling
Firm Name
5512 Pike Rd, Ste. 1117
Address
Joseph L. Mayne
Signature
1/9/89
Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
N
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST EAST
SOUTH
Bucktail Run
NEAR WHAT ROAD
450
DISTANCE FROM ROAD
ENTER FT or MI FT

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
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)
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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD A 39218
COUNTY NAME COUNTY NO.
STATE SIGNATURE DATE ISSUED
061689
CO SIGNATURE
NORTH GRID 539 0 0 0 EAST GRID 0705 0 0 0

APPROXIMATE DEPTH OF WELL 220 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY Drive-POINT
other

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 780
N 539
000
000

REPLACEMENT OR DEEPEMED 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
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
Sketch showing location of well near Park Rd, Bucktail Run, and Foxport Plantation.

Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER GAP
FORCE 11 WRITE INITIALS IN BOX PERMIT NO. 40-88-0755

SPECIAL CONDITIONS
COUNTY

C1 0079 SEQUENCE NO. (DENV USE ONLY)

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

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A 39218

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 080387

Depth of Well 165 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-88-0755

OWNER The Bryant Group last name Purdy first name Tail TOWN Glenwood SUBDIVISION Forest Plantation SECTION LOT 5

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows: Brown Shale 0-15, Blue Rock 15-165.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY NO. OF BAGS 5 NO. OF POUNDS 470 GALLONS OF WATER 30 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 19 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE S7 Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 72

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

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

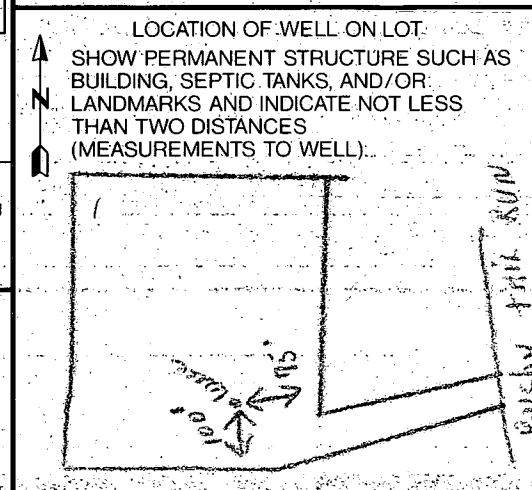
DEPTH (nearest ft.) HO 20 165 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

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

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

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 47 WHEN PUMPING 59 TYPE OF PUMP USED (for test) 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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE 2 (nearest foot)



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.

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)

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 X
Replacement _____

Receipt # 46783
Date 1-30-90

Name of Installer Wayne Tompson

Telephone _____

License Number _____

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber ✓

Name of Property Owner Steve Mantua

Telephone 854-6743

Subdivision fox port Plantation Lot # 5

Well Tag # HO-88-0755

Site Address 15525 Bushy tail Run

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible X
- Make _____
- Model # _____
- Capacity _____ GPM
- Pump exceeds well capacity Yes _____ No _____
- If Yes, is low pressure cutoff switch installed? Yes _____ No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Motor

- Horsepower 1
- RPM _____
- Voltage _____
 - 110 _____
 - 220 X

Pitless Adapter

- Make _____
- Model # _____
- Depth _____

46783

Tank

- Capacity _____
- Pressure relief valve? _____

Piping

- Type _____
- Size 1"
- NSF and/or BOCA Code approved _____
- Depth of supply line _____

Well data

- Depth 165 ft.
- Yield 12 GPM
- Static water level 49 ft.
- Will water supply be disinfected by installer? yes

WPI OK. Line 4ft deep.
DB 1/31/91

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: Steven P Mantua

Date: 1-30-90

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

