

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

P 45705
A 40039
DISTRICT 5th
DATE 3/19/90
DATE SYSTEM APPROVED 3/7/90
INSPECTOR Boyd

*2-105
4-8 4' stone
INDEXED*

Jack Fyock IS PERMITTED TO INSTALL INSTALL ALTER
ADDRESS 13775 Triadelphia Road, Glenelg, Md. 21737 PHONE 988-9270
SUBDIVISION Eagle Point Landing ROAD 5312 Aerie Court LOT 6
PROPERTY OWNER Mr. Anthony Capitano Charles W. Scott, Jr.
ADDRESS _____

~~EXCEEDS CAPACITY TO INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREAS BY 25%~~

~~CAPACITY OF INDIAN XXXXX XXXXXXXXXXXXXXXXXXXX~~

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 210 sq.ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place first trench 60 feet from left lot line and 200 feet from rear lot line. Run trenches toward lot 5 along contours.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic. 2-27-90 JED

PLANS APPROVED BY Mark Rifken CM DATE 11/30/88

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

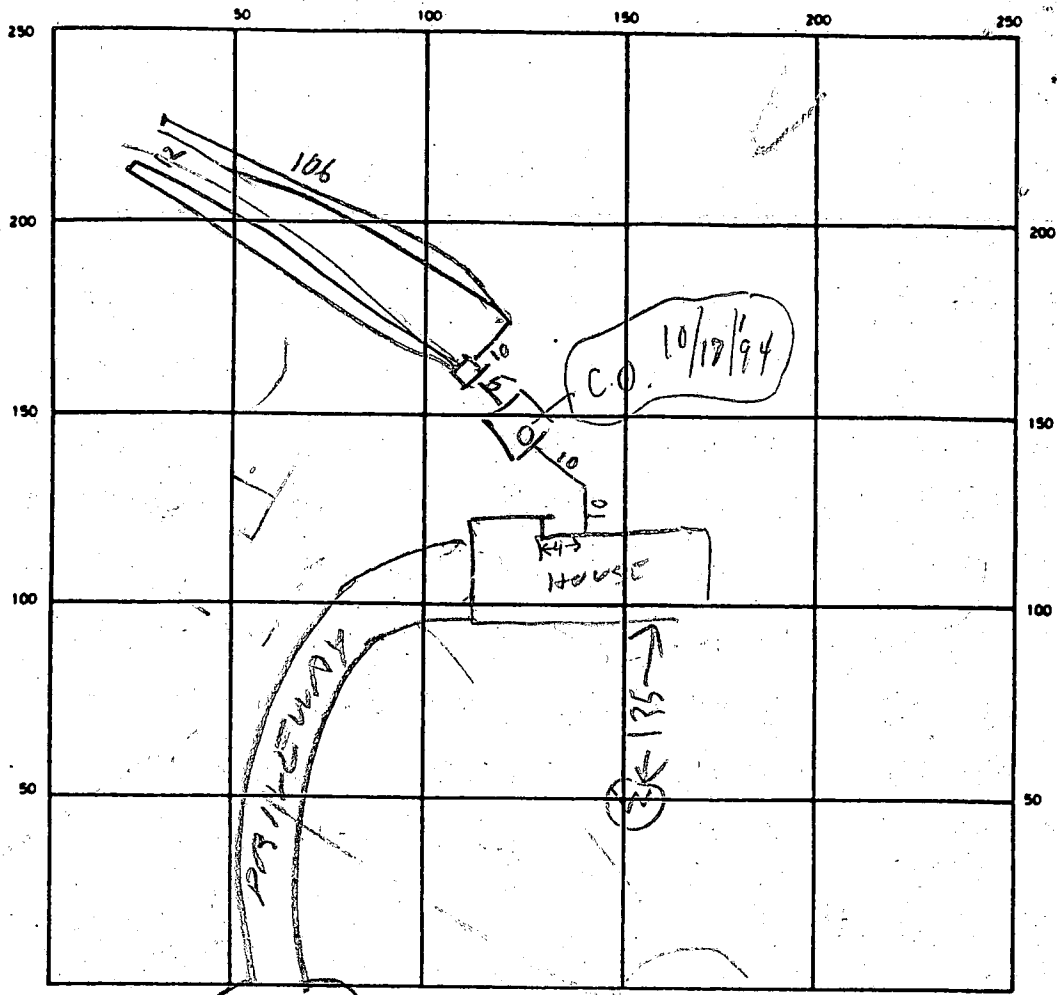
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 10/17/94
Serial # 56774 - dch

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

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

*A 41039
JED*



SEPTIC TANK LEVEL 1250 CLEANOUTS 3/1 OK

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TILE FIELD DEPTH 8 0 FT TRENCH WIDTH _____ FT. INLET DEPTH 3 1/2 FT

EFFECTIVE GRAVEL DEPTH 4 4 FT. TOTAL LENGTH 105 2 FT

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 424 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 3/6/90 - TRENCH #1 OK, TANK & HOUSE SEWER OK
FINISH TRENCH #2 & CALL RIT
3/7/90 400 pm - TRENCH ALMOST FINISHED
FINISH & COVER TO BE 106 FT LONG
WHEN FINISHED

DATE SYSTEM APPROVED 3/7/90 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 40039

P _____

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

DISTRICT 5TH

DATE 9-1-87

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 ~~Smith Roberts Assoc~~ Anthony Capimano

ADDRESS 8307 Main St Ellicott City PHONE 465-5855

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION ~~Tatbot Property~~ Eagle Point Landing LOT NO. 6

ROAD AND DESCRIPTION Ten Oaks Rd Aerie Ct

TAX MAP 28 PARCEL # 46-A

SIZE OF LOT 3 acres 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. Mark D. Reim
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney W. Cable FOR Deputy DATE 6-19-87

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/6/87 Perc OK Hold for Plat R H

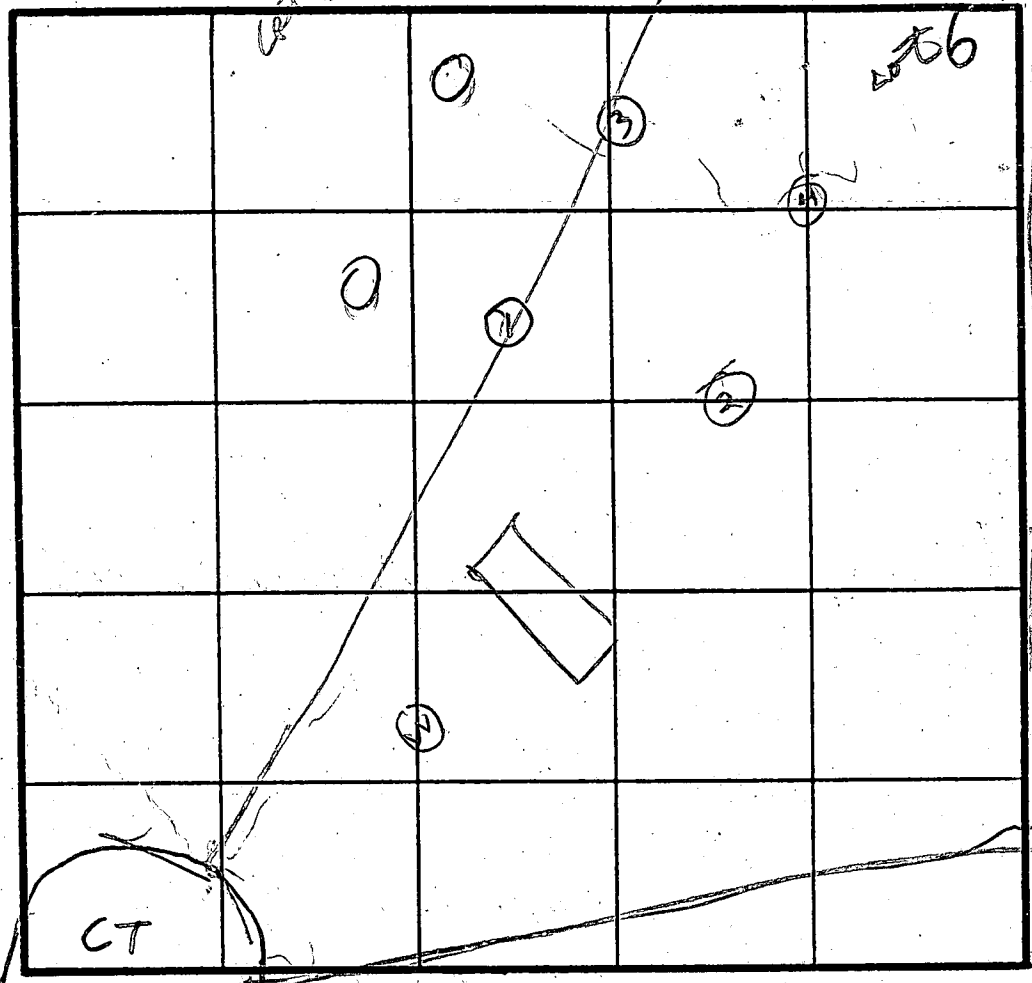
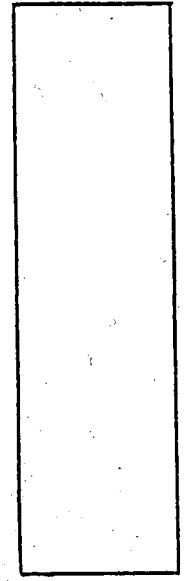
1/19/88 Prelim Plat OK DOG. PERMIT SIGNED AND RETURNED 6-19-87

BP 27189

THIS IS NOT A PERMIT

LOT 6

ON LINE
SOIL PROFILE



Hole
Elevation
①② = 1 high
③④ = LOV
X PRC
16 min
Inlet 4"
Bottom 8"
200 #1BR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

②
RED BROWN
CLAY
BANK
BROWN
SAND
MICA
LOAM

ON LINE
③

④
Brown
CLAY
Brown
SAND
MICA
LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/21/87	1 D	9	1055	1102	1102	1112	10
	1 S	4	1055	1110	1110	1150	40
	IV	12	OK				
	2 V	12.5	OK				
	3 S	4	1115	1117	1117	1122	5
	2 V	12	OK				
	4 S	3.5	1117	1121	1121	1129	8
	4 V	12	OK				

ON LINE
HOLES
LOT 586
LOT 586
LOT 586

REMARKS Holes Dug per surveyor plans

TYPE OF SOIL _____

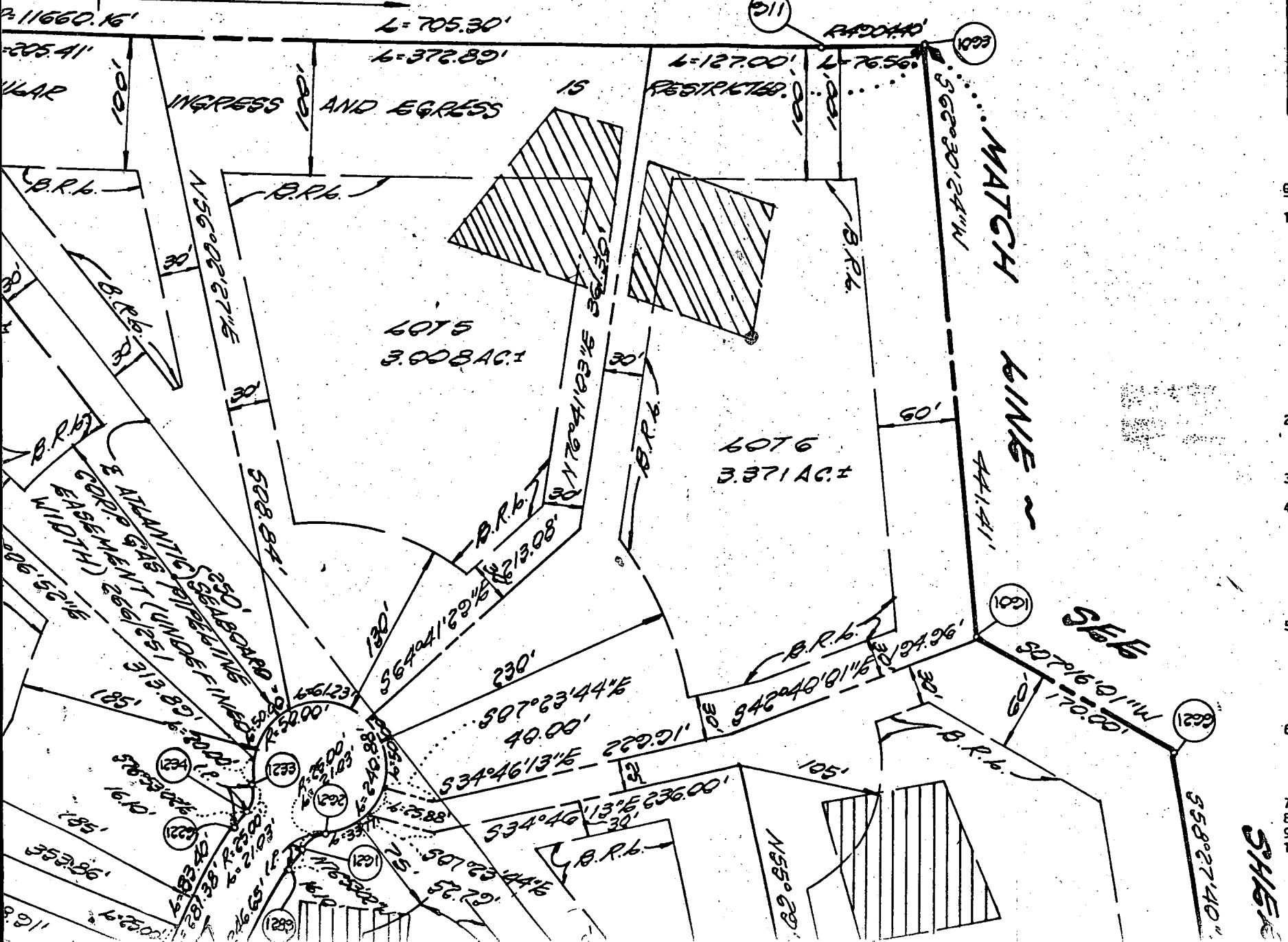
TESTED BY P. HODGES ALSO PRESENT OKETTERMAN
12/1/87

MARYLAND

ROUTE 30

S.H.A. FLAT # 29385

1217-1229	405.00'	281.38'	39°48'29"	146.64'	N83°12'44"W	275.76'
1233-1292	50.00'	241.19'	276°22'06"			
1234-1233	25.00'	21.03'	48°11'23"	11.18'	N79°01'17"E	20.41'
1264-1266	2015.00'	202.76'	05°45'56"	101.47'	S23°48'33"E	202.68'
1267-1268	2260.00'	202.55'	05°08'06"	101.34'	S18°21'32"E	202.84'
1269-1308	420.00'	336.83'	45°57'01"	178.06'	S38°45'59"E	327.88'
1289-1218	355.00'	246.65'	39°48'29"	128.54'	S83°12'44"W	241.72'
1292-1291	25.00'	21.03'	48°11'23"	11.18'	N52°47'20"W	20.41'
1315-1316	2443.95'	67.11'	01°34'24"	33.56'	S62°31'42"E	67.11'
1322-1319	450.00'	360.89'	45°57'01"	190.78'	N38°45'59"W	351.30'

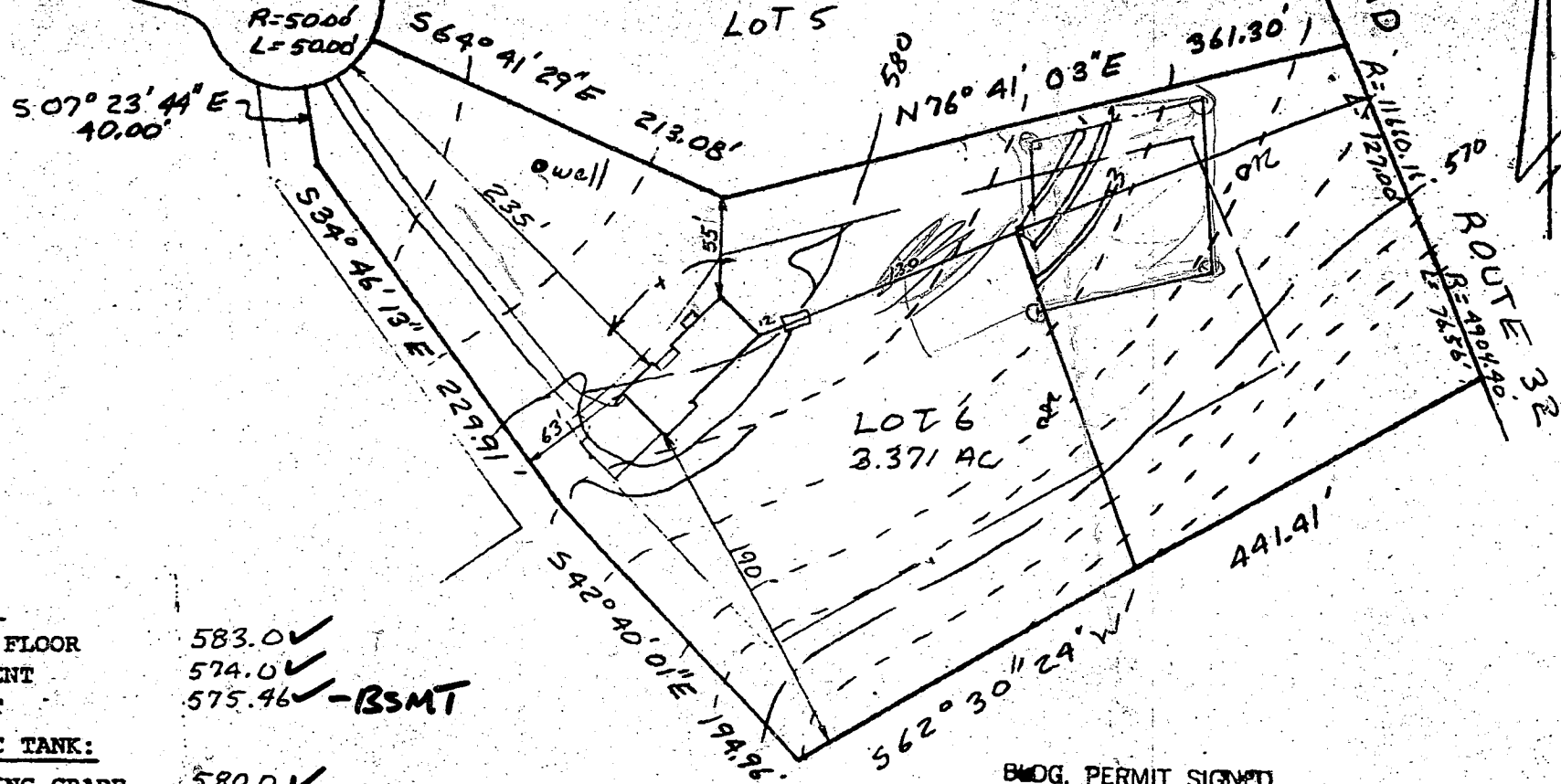


GENERAL NOTES:

1. THIS AREA DEDICATED AS A SEWERAGE EASEMENT OF 10.00 AC.± BY THE MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR DISPOSAL. IMPROVEMENTS TO THIS AREA ARE REQUIRED AS SEWERAGE IS AVAILABLE. SEWERAGE SHALL BE PROVIDED TO A PUBLIC SEWERAGE SYSTEM. THE HEALTH OFFICER SHALL BE NOTIFIED OF ANY VARIANCES FROM THE PRIVATE SEWERAGE ACT. A MODIFIED SEWERAGE SYSTEM MAY BE NECESSARY.
2. THE LOTS SHOWN HEREIN ARE THE MINIMUM OWNERSHIP REQUIREMENTS REQUIRED BY THE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
3. SUBJECT PROPERTY IS ZONED COMPREHENSIVE ZONING DISTRICT.
4. THE COORDINATES SHOWN ARE FROM THE MARYLAND STATE PLAT STATIONS: STA. 2835001, STA. 2835002, STA. 2835003.
5. THIS PLAN IS SUBMITTED IN ACCORDANCE WITH W.P. 88-96. A.) W.P. 88-66: OF SKETCH AND B.) W.P. 88-96: OF THE MINIMUM REQUIREMENTS FOR FLAG OR PIPE SNOW REMOVAL AND THE ROAD RIGHT-OF-WAY DRIVEWAY.
6. EXISTING STRUCTURES ARE SHOWN AS DOTTED LINES.
7. I.P. - DENOTES IMPROVEMENTS.
8. CONC. MON - DENOTES CONCRETE MONUMENTS.
9. B.R.L. - DENOTES BOUNDARY LINE.

AERIE COURT

P.02



HOUSE:

FIRST FLOOR 583.0 ✓
 BASEMENT 574.0 ✓
 INVERT 575.46 ✓ - BSMT

SEPTIC TANK:

EXISTING GRADE 580.0 ✓
 PROPOSED GRADE 580.0 ✓
 INVERT IN 575.2 ✓
 INVERT OUT 574.96 ✓

DISTRIBUTION BOX:

EXISTING GRADE 577.4 ✓
 PROPOSED GRADE 577.4 ✓
 INVERT IN 573.6 ✓
 INVERT OUT 573.5 ✓

TRENCHES:

	#1	#2	#3
EXISTING	577.4 ✓	576.8 ✓	576.5 ✓
INVERT	573.4 ✓	572.8 ✓	572.5 ✓
BOTTOM	569.4 ✓	568.8 ✓	568.5 ✓
STONE	4.0 ✓	4.0 ✓	4.0 ✓
WIDTH	2.0	2.0	2.0
LENGHT	50.0 ✓	85.0 ✓	65.0 ✓

BUDG. PERMIT SIGNED
 AND RETURNED 6-19-89
 BP 27189

SK

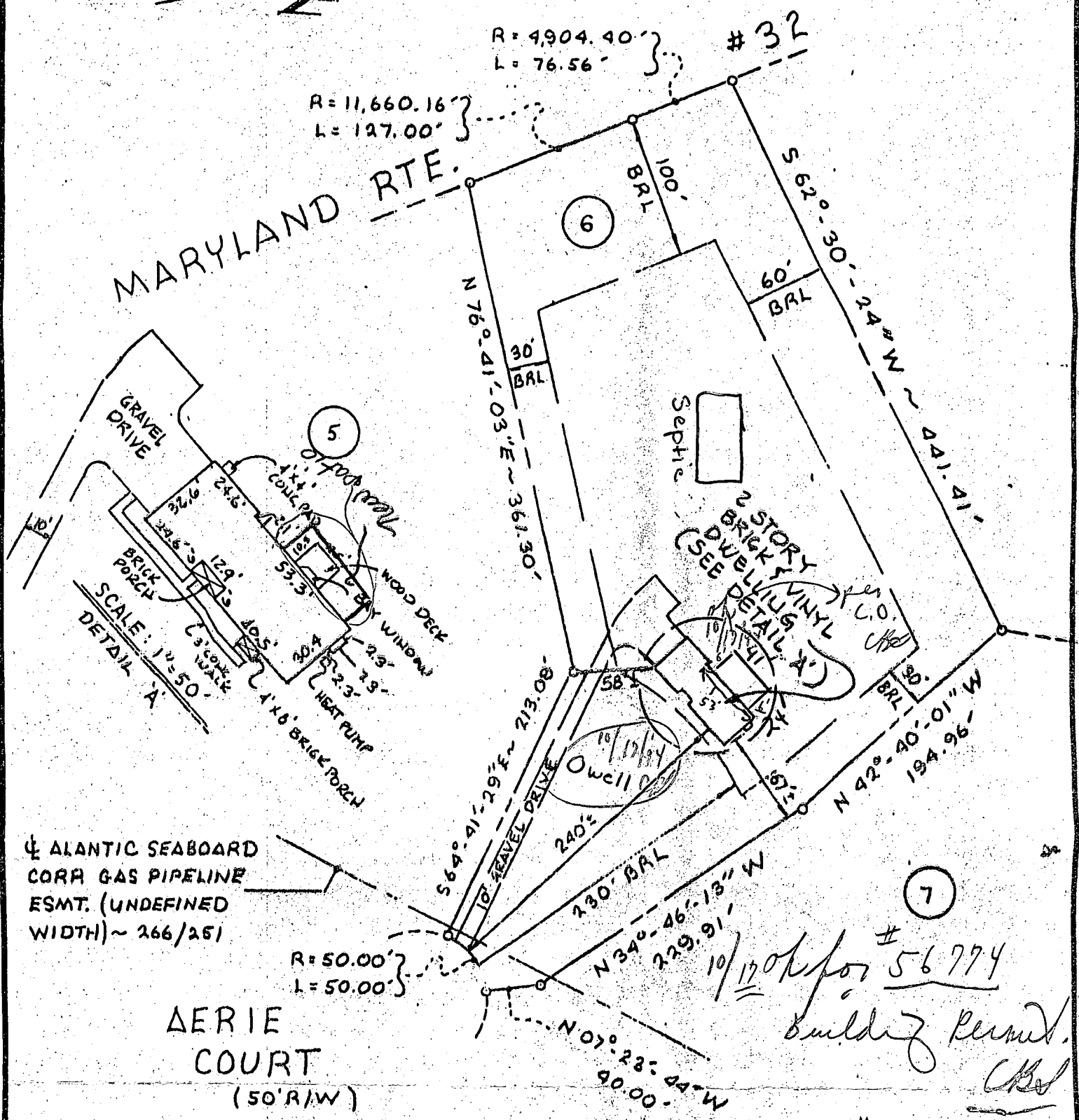
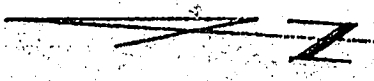
I certify the above measurements and elevations to be true and actual for this property.

J. Carl Hudgins
 J. Carl Hudgins

**PLOT PLAN
 LOT SIX**

EAGLE POINT LANDING
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP 28 PARCEL 46
 SCALE 1"=100' DATE 6-12-89

JUN 13 '89 07:00 NTT ASSD. 301.4421315



ALANTIC SEABOARD
CORR GAS PIPELINE
ESMT. (UNDEFINED
WIDTH) ~ 266/251

AERIE COURT
(50' R/W)

TOP OF BLOCK = 582.0
FIRST FLOOR ELEV. = 583.0

LOT #6
EAGLE POINT LANDING
(LOTS #1-16)
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT #7961

Note: The information on this plat shows only that the improvements indicated hereon are contained within the outlines of the lot upon which they were erected, unless otherwise noted, and is not to be used to establish property lines or corners.

I hereby certify that I have examined the current Flood Insurance Rate Map (FIRM Map #2400-44-0032-B) for the subject property and it does not lie in an area identified by the Secretary of Housing and Urban Development as having Special Flood or mudslide hazards.



Location Survey of #5312 AERIE COURT

Vitti, Robel and Associates, Inc.
ENGINEERING & SURVEYING
1717 York Road Suite 2B Lutherville, MD 21093
252-4552

job no. 88112
scale 1"=100'
date 11/18/90
drawn MLR
checked

B 1 **6805** 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
HO-88-0309
 fill in this form completely

Date Received (APA) **7/1/88**
 OWNER INFORMATION
 CAPITANO ANTHONY
 4280 TEN WAKS ROAD
 ODYTON MD 21034

B 3 LOCATION OF WELL
 HOWARD
 EAGLE POINT
 SECTION 44 LOT 6
 DAYTON
 MILES FROM TOWN (enter 0 if in town) 1 MI

DRILLER INFORMATION
 Frank Delph
 Frank Delph Well Drilling Inc.
 18234 Ann Shop Rd, Mt Airy Md
 11-10-88

B 4
 Aerie ct
 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD 150 FT

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) 5
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 Howard A 40039
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE DATE ISSUED 11/17/88
 CO SIGNATURE EXP. DATE 5/17/89
 NORTH GRID 807000 EAST GRID 0506000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROtary Drive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. Well water
 WRITE THE BOX NUMBER FROM THE MAP HERE
 5006
 4007
 5/25/89 GROUTED MR
 50' CASING 9/18/89
 40' OPEN
 4 BAGS
 1' CASING A.G
 VTAGOR

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 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
 N
 Linden Church Rd
 Aerie ct 150'
 X well

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER GAP
 FORCE C4 WRITE INITIALS IN BOX PERMIT No. HO-88-0309

SPECIAL CONDITIONS
 988-9178

C1 **6658** SEQUENCE NO. (DENV USE ONLY)
 1 2 3 4 5 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 TYPE

PERMIT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A40039**

DATE RECEIVED
 8 13

DATE WELL COMPLETED
 15 09 15 89 20

Depth of Well
 22 14 26
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
 28 29 30 31 32 33 34 35 36 37
40-88-0309

OWNER **CAPITOL TOWN**
 STREET OR RFD **Aerie Court** last name first name TOWN **DARTON**
 SUBDIVISION **Eagle Point Land** SECTION **LOT 6**

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		Check if water bearing
	FROM	TO	
Topsoil	0	2	
slate	2	40	
MIKA	40	50	
Sandstone	60	65	
MIKA	65	90	
Sandstone	90	15	
MIKA	95	145	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **11** NO. OF POUNDS **1100**
 GALLONS OF WATER **66**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **40** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST CO PL OT
 STEEL CONCRETE PLASTIC OTHER
 MAIN CASING TYPE **PL** **L** **50**
 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

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

C2

EACH SCREEN	DEPTH (nearest ft.)	
	from	to
H	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 **56** (NEAREST INCH)

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 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. **453**

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
James E. H. [Signature]

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

GRAVEL PACK from to
 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.) WQ
 70 72 74 75 76
 TELESCOPE LOG OTHER DATA
 CASING INDICATOR

C3

PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **9**
 METHOD USED TO MEASURE PUMPING RATE **Flow**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **70** WHEN PUMPING **40**
 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: **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 } LAND SURFACE (nearest foot)
- below } **1** (nearest foot)

