2/6/90 (2) P.C.O. C.B.

2/6/90 AM + P.M.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

P 45373

A 31107

DISTRICT 4th

DATE 2/2/90

DATE SYSTEM APPROVED 2/8/'90

INSPECTOR C.B.S.

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

04-348834

INDEXED

Walter W. King Plumbing & Heating Contractors, Inc. IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 5305 King's Court, Frederick, Maryland 21701 PHONE 301-921-6990

SUBDIVISION Ellerslie Estates ROAD ~~14530~~ 14630 Burntwoods Rd LOT 9

PROPERTY OWNER ~~Pulte Homes~~ PAUL & MARY ENSOR

ADDRESS _____

~~IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%~~

~~GARBAGE GRINDER: YES NO~~

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

2334+ 1500 90 150 135 150 135

TRENCHES - 210 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth ~~5~~ 4½ feet below original grade. Effective area begins at 4.5 feet below original grade. ~~X~~ feet of stone below distribution pipe. 2 @ 4½'

LOCATION - Start the first trench 180 feet off the front lot line and 135 feet off the left lot line as seen when facing the lot from Burntwoods Road. Run trenches on contour in both directions.

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

PLANS APPROVED BY Sid Abel 2-5-90 JEN DATE 4/12/89

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

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

BLDG. PERMIT ISSUED AND RETURNED 9/12/01

B00132337 Build a porch roof over existing concrete stoop

A31107

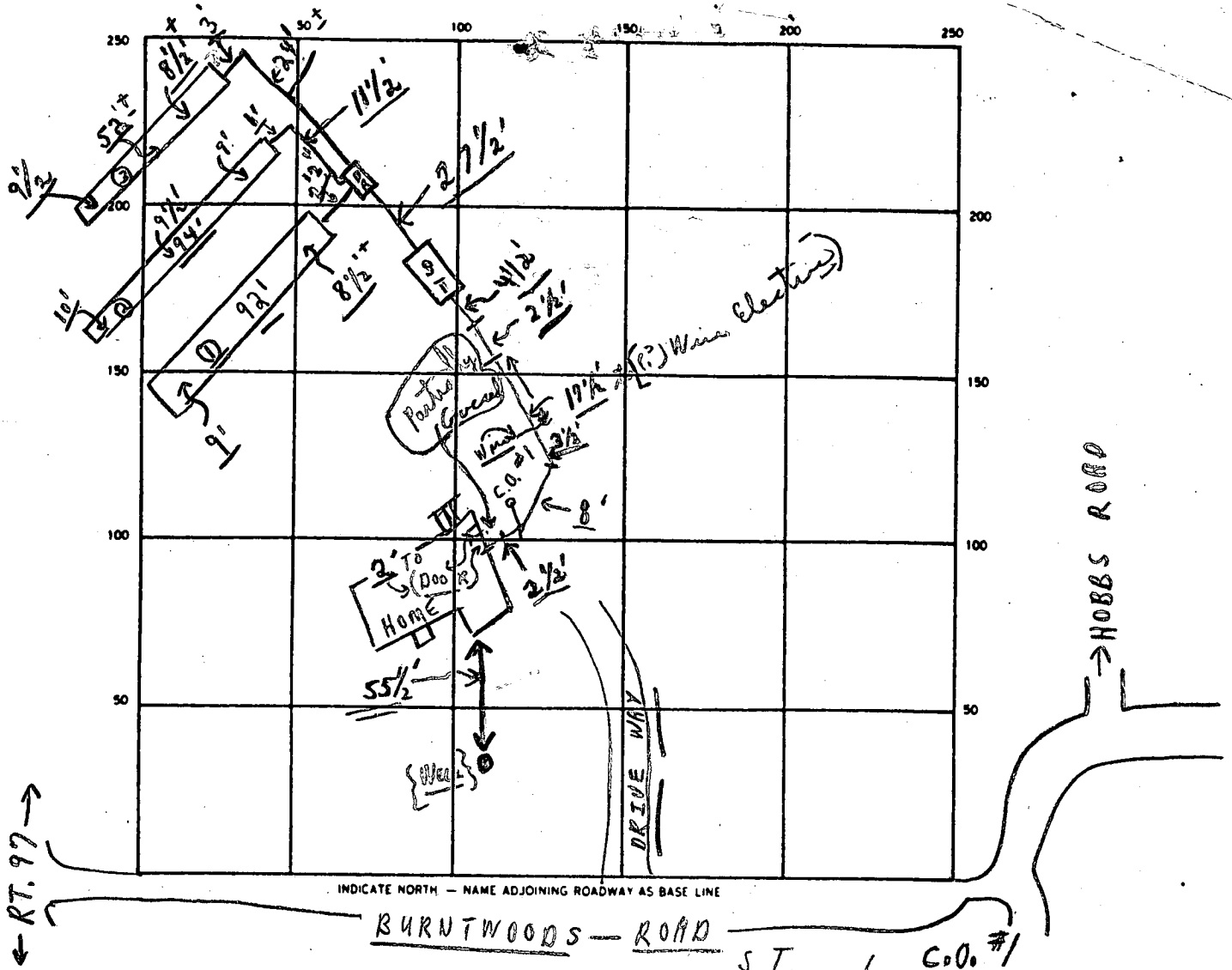
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

HD-260



SEPTIC TANK. LEVEL OK CLEANOUTS S.T. 2/8 OK / C.O. #1 OK

DISTRIBUTION BOX. LEVEL OK (Baffle in in)

DRAIN FIELD/TILE FIELD. DEPTH ① 9+ avg FT. TRENCH WIDTH 2 FT. INLET DEPTH 4.5 FT.

EFFECTIVE GRAVEL DEPTH 4.5+ FT. TOTAL LENGTH ① 92' ② 94' } 236 ③ 50+ FT

NUMBER OF TRENCHES 3 ONE SIDEWALL/~~BOTTOM~~ AREA 1062 SQ FT.

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

ABSORBENT AREA 1062 SQ. FT.

REMARKS 2/6/90 A.M. ① Tested - ok for stone in ① + ② trenches only. P.M. 2/6/90 ② Trench ok to cover + cover from house to 1' of R. Bank; mud - Need to see S.T. C.O. and baffle in dist. box.; ok for stone in ③ trench and leave ends + middle open for inspection on ① and ③ trenches, C.B.O.; P.M. 2/6/90 HOLD FOR RECALL WEDNESDAY OR THURSDAY - C.B.O. 2/8 FINAL - OK TO COVER.

DATE SYSTEM APPROVED 2/8/'90 INSPECTOR Charles Brown Jr.

A 31107

SUBDIVISION: Ellerslie Est LOT NUMBER: 9

Burntwoods Road

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	Septic Tank	Minimum Total Square Feet
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

210 sq. ft./bedroom

Trench to be 2 wide.

Inlet 4.5 feet below original grade.

Bottom maximum depth 8.5 feet below original grade.

Effective area begins at 4.5 feet below original grade.

4 feet of stone below distribution pipe.

BR/UK 4 bdrms w/ disposal 260 sqft/bdrm w/ disposal

NOTE:
(1) No trench to exceed 100 feet in length.
(2) If more than one trench used, a distribution box is required.
(3) Trenches to be installed on level ground.
(4) Call for inspection of trench before gravel is installed.
(5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
(6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 210 FT OFF THE FRONT LOT LINE AND 115 Ft OFF THE LEFT LOT LINE AS SEEN WHEN FACING THE LOT FROM BURNTWOODS RD. RUN TRENCHES ON CONTOUR IN BOTH DIRECTIONS. 4-12-89. S. Abel

HD-191

APPLICATION

Prel.

A 31107

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT FOURTH

DATE JANUARY 19, 1981

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. WILLIAM MITCHELL~~ Ruth Hemus

ADDRESS ~~13071~~ TRIADELPHIA ROAD, ELLICOTT CITY, MD. 21043 PHONE 988-9207

PROPERTY LOCATION:

? #9 5/15/81

SUBDIVISION ~~ROSEBAR~~ Ellerslie Est. LOT NO. X Hold for S.K.

ROAD AND DESCRIPTION ~~NORTHWESTERLY CORNER AT THE INTERSECTION OF BURNTWOODS ROAD AND HOBBS ROAD.~~
~~14530 Ellerslie Ct~~ 14630 Burntwoods Road

SIZE OF LOT 3 Ac. +- TYPE BLDG. ~~SINGLE FAMILY~~

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.

SIGNATURE OF APPLICANT Charles J. Crosby Jr.

APPROVED BY S. Abel FOR Deputy Sanitarian DATE 4-12-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 5-19-89

BP-25822 BA

THIS IS NOT A PERMIT

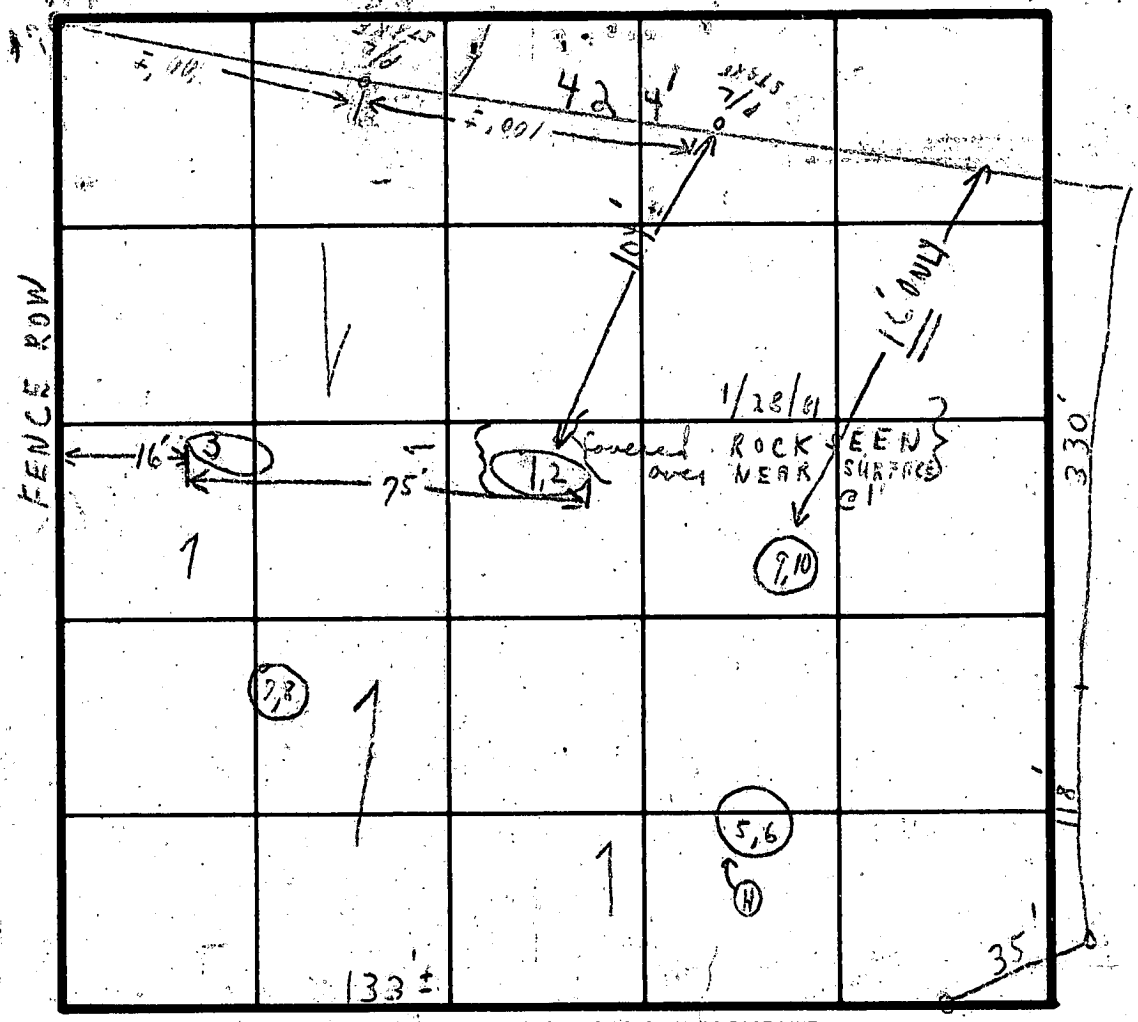
#7

SOIL PROFILE

0'

SEE EACH HOLE BELOW

FIELD SHEET



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BURNTWOODS RD

SOIL PROFILE

1'- ROCK @ 1' SEEN

1'-7" CLAY

NO TEST HOLES DUG

1'-4½' CLAY

4'-LOAM TO 12'

1'-6'-7" ↔ CLAY

TEST HOLES DUG OVER NEAR

7½' CLAY

4½'-LOAM

11'-10"

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME	
1/28/81	1	'	:	:	:	:		
	2	'	NO TESTS COVERED					
	3	'	:	:	:	:		
	4	'	:	:	:	:		
	5	4½'	2:17	2:20	2:20	2:26	6 min	
	6	9'	2:17	2:20	2:20	2:23	3 min	
	7	'	:	:	:	:		DUG TO 6'-7" ONLY
	8	'	:	:	:	:		
	9	4½'	2:20	2:24	2:24	2:30	6 min	
	10	8½'	2:19	2:24	2:24	2:31	7 min	

DRAWING NOT TO SCALE; HOLD FOR MORE TESTS

REMARKS (HOLES DUG AT TIME OF ARRIVAL)
A.M. NO TESTS 1/28/81 C.B.S. J. FYOCK P.M.
P.M. 2 HOLES PERCED FORMR FYOCK R. FYOCK P.M.

TYPE OF SOIL

TESTED BY C B S ALSO PRESENT SKI-CROW'S ASST. SUPT.

APPLICATION

Prel.

A 31107

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT FOURTH

DATE JANUARY 19, 1981

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. WILLIAM MITCHELL

ADDRESS 13071 TRIADELPHIA ROAD, ELLICOTT CITY, MD. 21043 PHONE 988-9207

PROPERTY LOCATION:

SUBDIVISION ROSEBAR LOT NO. 7

ROAD AND DESCRIPTION NORTHWESTERLY CORNER AT THE INTERSECTION OF BURNTWOODS ROAD AND HOBBS ROAD.

SIZE OF LOT 3 Ac. +- TYPE BLDG. SINGLE FAMILY

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.

SIGNATURE OF APPLICANT Charles J. Crowder

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

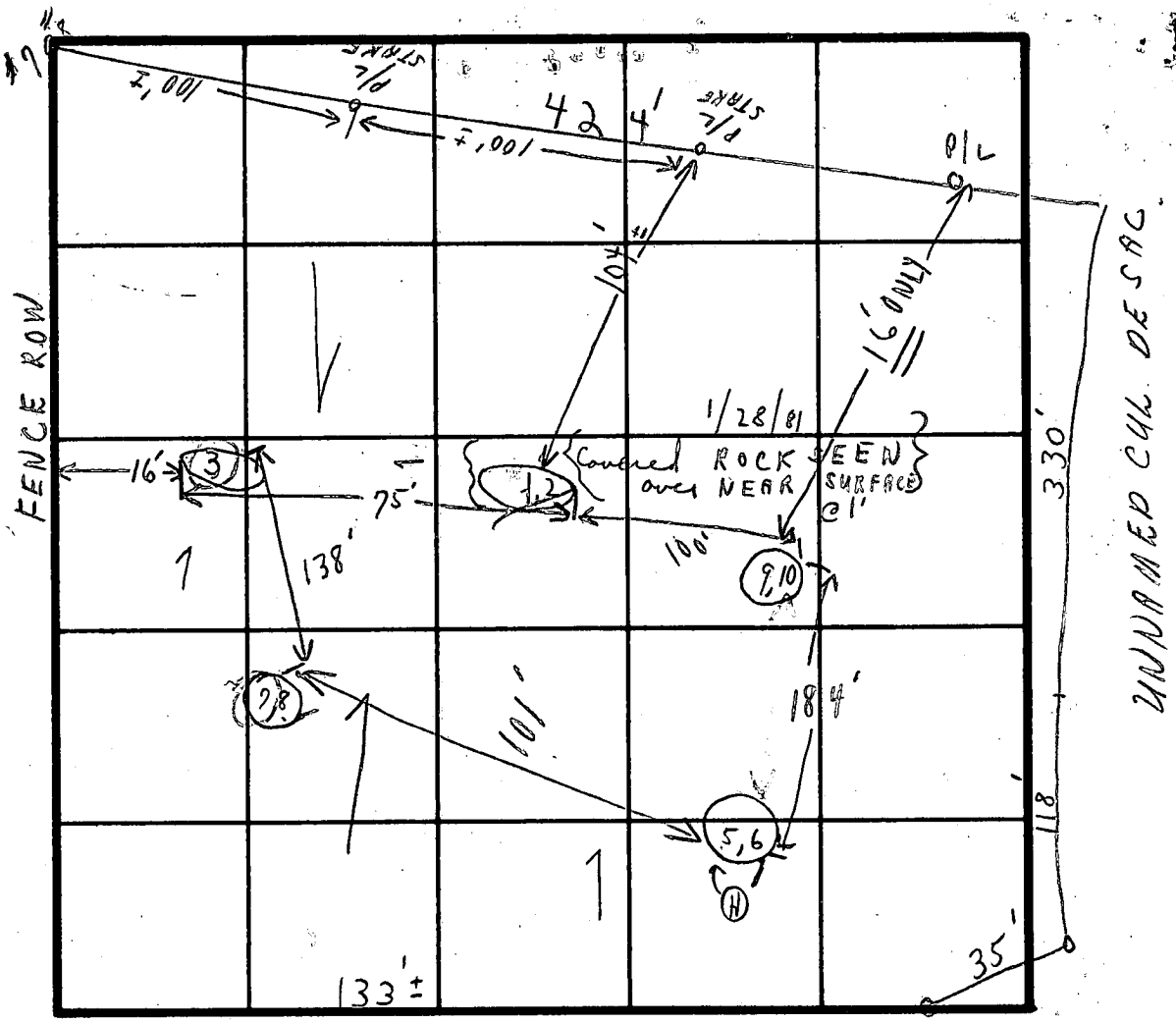
#7

SOIL PROFILE

0'

SEE EACH HOLE BELOW

FIELD SHEET



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BURNT WOODS RD

SOIL PROFILE

1'- ROCK @ 1' SEEN

1'- 7" CLAY NO TEST HOLES

1'- 4½' CLAY 4½'- LOAM TO 12'

1'- 6'-9" ↔ CLAY OVER BEAR NO TEST HOLES

1'- 4½' CLAY 4½'- LOAM to 11'-10"

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME	
1/28/81	1	'	:	:	:	:		
	2	'	NO TESTS		COVERED			
	(3)	'	:	:	:	:		
DUG	4	'	:	:	:	:		
	5	4½' M	2:17	2:20	2:20	2:26	6 min	
	6	9'	2:17	2:20	2:20	2:23	3 min	
	(7)	'	:	:	:	:		DUG TO 6'-9" ONLY
DUG	8	'	:	:	:	:		
	9	4½'	2:20	2:24	2:24	2:30	6 min	
	10	8½'	2:19	2:24	2:24	2:31	7 min	

DRAWING NOT TO SCALE; HOLD FOR MORE TESTS

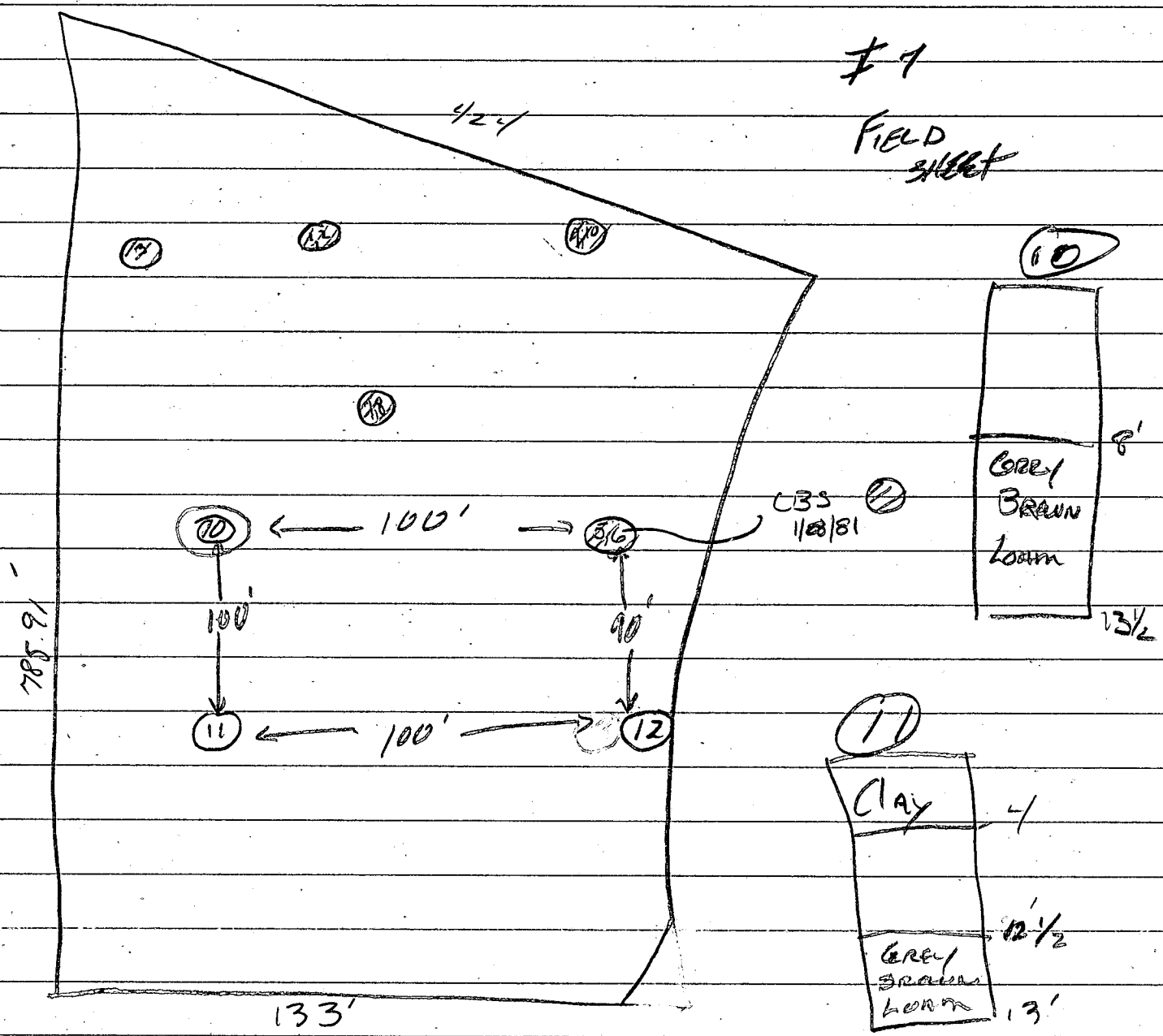
REMARKS (HOLES DUG AT TIME OF ARRIVAL)
A.M. NO TESTS 1/28/81 C.B.S. J. FYOCK P.M.

TYPE OF SOIL P.M. 2 HOLES PERCED FOR MR FYOCK R. FYOCK A.M.

TESTED BY C. B. S. ALSO PRESENT SKIP CROVO'S ASST. ONLY

#1

FIELD SHEET

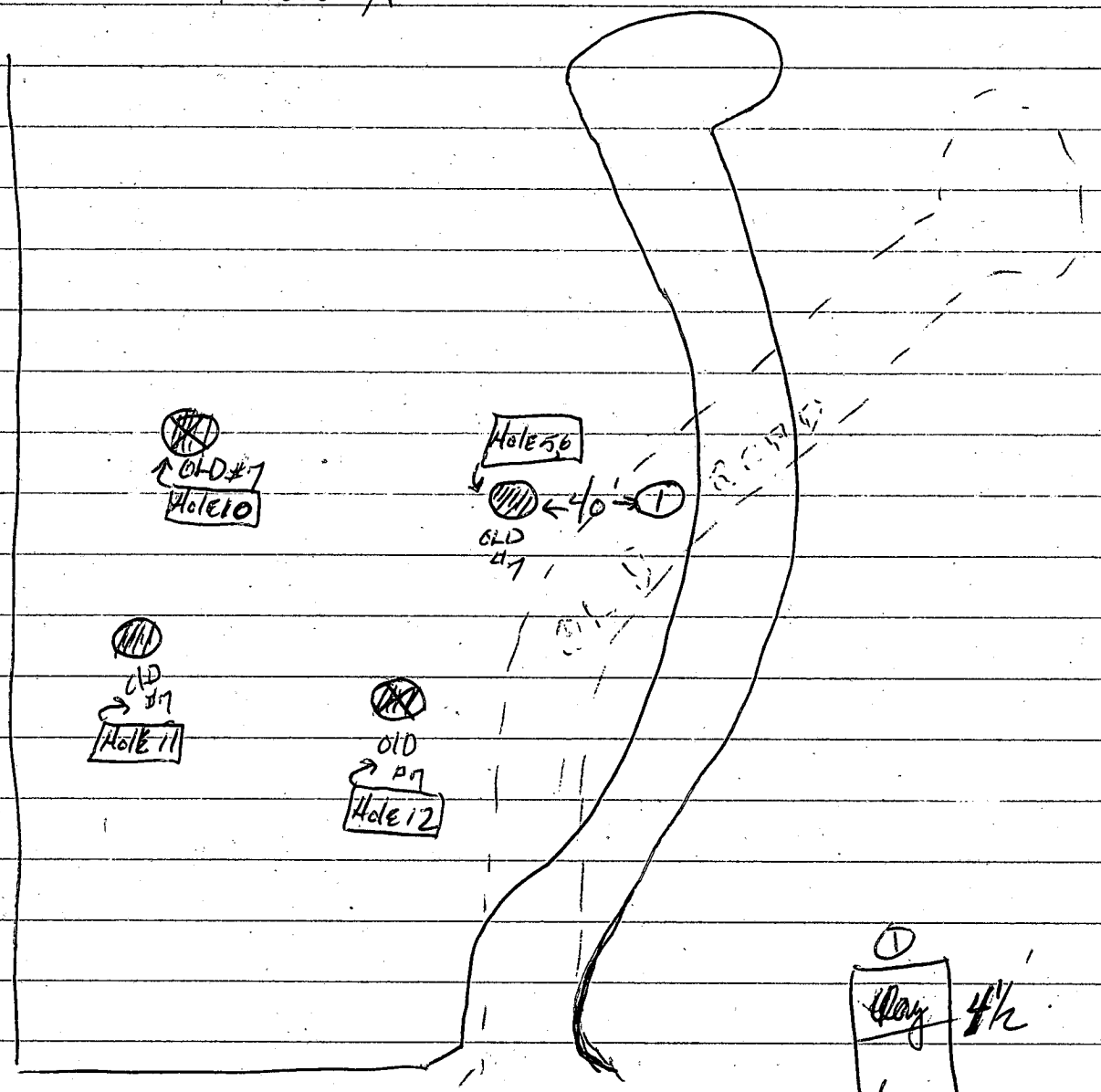


11/29/81

Rake at 11½'	10 S	4'	1:21	XXXX	FAIL	¼"
	10aS	5'	1:35	1:55	FAIL	½"
	10 M	9'	1:21	1:23	1:28	
	11 S	4'	1:30	1:40	1:56	
	11 M	8'	1:30	1:36	1:45	
	12 S	4'	1:45	ABANDON	2:00	LITTLE PEBBLE
	12 M	8'	1:45	1:48	1:51	
	12aS	5'	2:04	FAIL	XXXX	¾ in

Unnamed Lot G

OLD #7, Road, +



3/17/81	1s	4½'	3:02	3:07	3:21	14 min
SR	1m	8½	3:02	3:09	3:23	14 min
	10	13'				

12/2/88 AV 13" Clay TO 4.5-5" Chester Gravelly loam

BV 13" Clay TO 4.5-5" Chester Gravelly loam

2/8/90 A.M.

2/8/90 Final

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

ok C.B.d.

APPLICATION FOR PITLESS ADAPTER WELL PUMP AND PRESSURE TANK INSTALLATION
LINE NOT CHECKED

New Installation X
Replacement ____

Receipt # 42571
Date 2/8/90

Name of Installer W.W.King Plbg. & Htg. Contr., Inc. Telephone 1-301-662-6990

License Number 2217
Certified Well Pump Installer ____ Well Driller ____ Registered Plumber X

Name of Property Owner Pulte Homes Telephone 1-391-921-8707
Subdivision Ellerslie/Glen Manor Lot # 9 Well Tag # HO - 88 - 0496
Site Address 14630 Burntwoods Rd., Glendwood, Md. 21738

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible X
2. Make Goulds
3. Model # 5ES05422
4. Capacity 5 GPM
5. Pump exceeds well capacity Yes ____ No X
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 X Other ____

Motor
1. Horsepower ½
2. RPM 3500
3. Voltage ____
   a. 110 ____
   b. 220 X

Pitless Adapter
1. Make Martinson
2. Model # BP-10K
3. Depth 42" min
   60" mas

Tank
1. Capacity ____
2. Pressure relief valve? yes

Piping
1. Type plastic #160
2. Size 1"
3. NSF and/or BOCA Code approved X
4. Depth of supply line 42" min
   60" max

Well data
1. Depth 100 ft.
2. Yield 60 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).

2

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

Signature of Applicant: Walter W Kerby

Date: 2-1-90

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

HD-215

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

APPLICATION FOR SEPTIC PERMIT

New Installation X Date 2/1/90

Replacement

Name of Installer Walter W. King Plbg. & Htg. Contr., Inc.

License # 2217 Telephone Number 1-301-662-6990

Registerd Plumber yes

Name of Property Owner Pulte Homes

Telephone Number 1-301-921-8707

Sub-Division Ellerslie/Glen Manor Lot: 9

Site Address 14530 Burntwoods Rd.

Glenwood, Md. 21738

Number of Bedrooms 5

Garbage Disposal X yes no

Signature of Applicant Walter W King

Date 2-1-90

EMERGENCY/TEMP NO. IF ANY

B 1 | 1160 | 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: H0-88-0496
fill in this form completely

Date Received (APA): 03 02 89

OWNER INFORMATION

KOREN DEVELOPMENT
Last Name / Owner / First Name

1 CENTRE PARK DR
Street or RFD

COLUMBIA MD 21045
Town / State / Zip

DRILLER INFORMATION

George F. Easterday — License No. 40
Driller's Name

L. Franklin EAsterday, Inc.
Firm Name

9265 Brown Church Rd., MT.Airy, Md. 21771
Address

Geo. F. Easterday — 3/1/89
Signature / Date

B 3 — LOCATION OF WELL R 43710 3/3/89 40.00

HOWARD
COUNTY

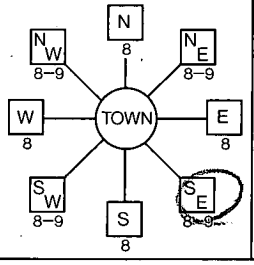
ELLERSLIE
SUBDIVISION

SECTION — LOT 9

GLENWOOD
NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 1 MI

B 4 — DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



ELLERSLIE CT
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH N; W 32 E; WEST; S; EAST; SOUTH

1600
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): 500

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 — COUNTY NAME
A 31107 — COUNTY NO.

STATE SIGNATURE _____ INSERT S

DATE ISSUED 03 15 89 — Sidney Abel — 09-14-89 EXP. DATE

NORTH GRID 52700 — EAST GRID 07930

APPROXIMATE DEPTH OF WELL 200 FEET

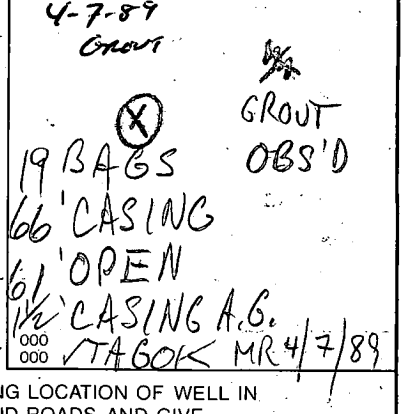
APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

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 7903
N 5207

4-7-89 GROUT



METHOD OF DRILLING (circle one)

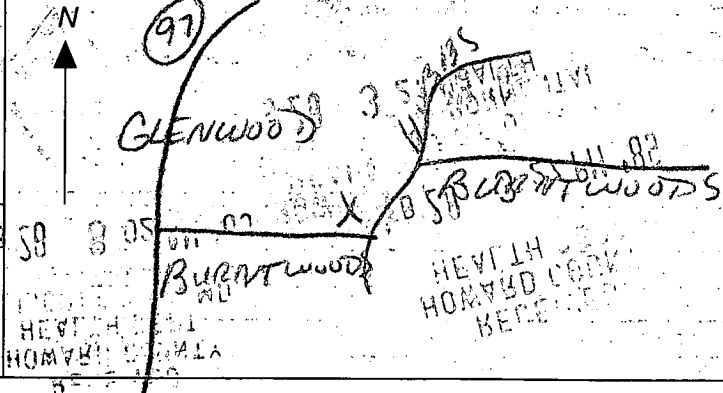
BORED (or Augered) — JETTED — Jetted & DRIVEN
AIR-ROTary — AIR-PERcussion — ROTARY (Hydraulic Rotary)
CABLE — REVerse-ROTary — DRive-POINT
other _____

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
- S — THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- D — THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENDED (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



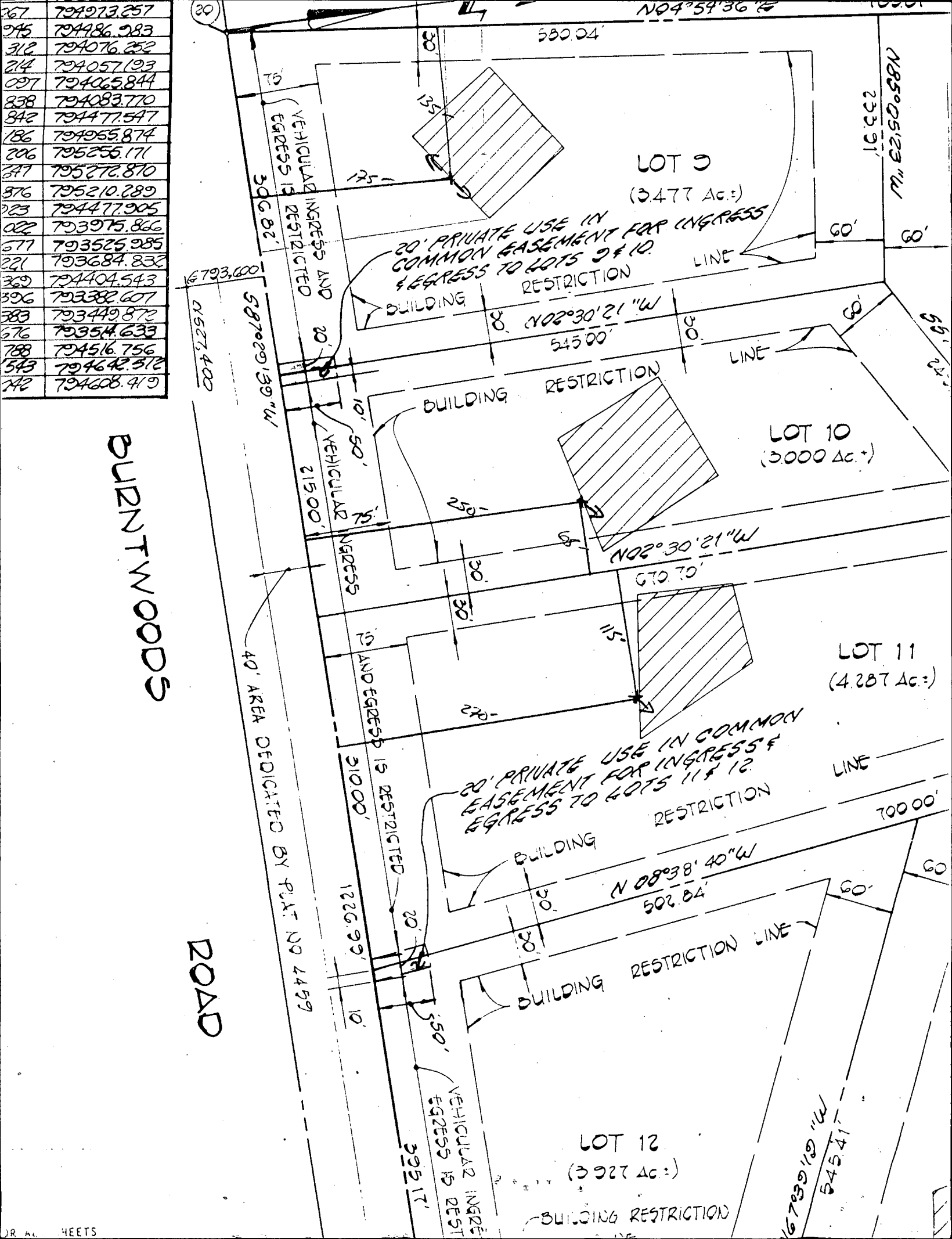
Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER _____ GAP

FORCE SA — WRITE INITIALS IN BOX — PERMIT No. H0-88-0496

SPECIAL CONDITIONS

COUNTY



267	794973.257
945	794986.283
312	794076.252
214	794057.193
097	794065.844
838	794083.770
842	794477.547
186	794955.874
206	795256.171
347	795272.870
576	795210.289
923	794477.905
022	793975.866
577	793525.985
221	793684.832
369	794404.543
596	793382.607
383	793449.872
676	793514.633
788	794516.756
543	794642.512
742	794608.419

C 1 2333 (1 2 3 6)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

SEQUENCE NO. (DENV 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 3107

DATE Received: (8 13)

DATE WELL COMPLETED 04 07 89 (15 20)

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

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-88-0496 (28 29 30 31 32 33 34 35 36 37)

OWNER Kokesh Development

STREET OR RFD ____ last name Kokesh Ct first name TOWN Glenwood

SUBDIVISION Kokesh SECTION ____ LOT 9

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	2	
Br Shale	2	90	
Br Mica	90	95	✓
Grey Mica	95	100	

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. 40

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

CEMENT CM (45 46) BENTONITE CLAY BC (45 46)

NO. OF BAGS 11 NO. OF POUNDS ____

GALLONS OF WATER 35

DEPTH OF GROUT SEAL (to nearest foot)

from 0 (48 TOP 52) ft. to 96 (54 BOTTOM 58) ft.

(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below: 100

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)
21 (60 61)	6 (63 64)	96 (66 70)

EACH CASING — OTHER CASING (if used)

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 (1 2)

EACH SCREEN

		DEPTH (nearest ft.)	
1	HO (8 9)	64 (11 15)	100 (17 21)
2	(23 24)	(26 30)	(32 36)
3	(38 39)	(41 45)	(47 51)

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN (56 60) (NEAREST INCH)

GRAVEL PACK from ____ to ____

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 (68)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (70) TELESCOPE CASING; (E.R.O.S.) (72) LOG INDICATOR; WQ (74 75 76) OTHER DATA

C 3 (1 2)

PUMPING TEST
HOURS PUMPED (nearest hour) 3 (8 9)

PUMPING RATE (gal. per min. to nearest gal.) 1 (11 15)

METHOD USED TO MEASURE PUMPING RATE ____

WATER LEVEL (distance from land surface)

BEFORE PUMPING 25 (17 20)

WHEN PUMPING 34 (22 25)

TYPE OF PUMP USED (for test)

A (27) air; P (27) piston; T (27) turbine; C (27) centrifugal; R (27) rotary; O (27) other (describe below); J (27) jet; S (27) submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) 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.) 80 (43 47)

CASING HEIGHT (circle appropriate box and enter casing height)

+ (49) above; − (49) below — LAND SURFACE 2 (50 51) (nearest foot)

5-19-89

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)

N

COUNTY

Page ____ of ____

Date ____

4-7-89 8:00 * SET PUMP 60 FT Review OK 5/5/89 CW

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0496
Location of property (road) Ellerslie Ct.
Subdivision Silverlie Lot 9 Block ____ Plat ____ Sec. ____
Well Driller G. EASTERDAY Owner Karen Develop.

Depth of well 881 60 GPM COMPLETION REPORT SAYS 100'
Distance of measuring point (M.P.) above ground 18 INCHES
Static water level (S.W.L.) below M.P. 25 FEET

I. High rate pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 8 GALLONS/MINUTE
Total time 15 MIN. to reach pumping water level 28 ft. below M.P.

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

TIME (in 15 minute intervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	28 FEET	7 SECONDS	N/A	8 1/2 GALLONS
8:45	28 FEET	7 SECONDS		8 1/2 GALLONS
9:00	28 FEET	7 SECONDS		8 1/2 GALLONS
9:15	28 FEET	7 SECONDS		8 1/2 GALLONS
9:30	28 FEET	7 SECONDS		8 1/2 GALLONS
9:45	28 FEET	7 SECONDS		8 1/2 GALLONS
10:00	28 FEET	7 SECONDS		8 1/2 GALLONS
10:15	28 FEET	7 SECONDS		8 1/2 GALLONS
10:30	28 FEET	7 SECONDS		8 1/2 GALLONS
10:45	29 FEET	7 SECONDS		8 1/2 GALLONS
11:00	29 FEET	7 SECONDS		8 1/2 GALLONS
11:15	29 FEET	7 SECONDS		8 1/2 GALLONS
11:30	29 FEET	7 SECONDS		8 1/2 GALLONS
			D R Hawley Jr.	

HD-224

Page _____ of _____ 4-7-89 PT 3A Review _____

Date _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0496

Location of property (road) Ellesslie Ct.

Subdivision Ellesslie Lot 9 Block _____ Plat _____ Sec. _____

Well Driller G Eastridge Owner Karen Dunlop

Depth of well _____

Distance of measuring point (M.P.) above ground _____

Static water level (S.W.L.) below M.P. _____

I. High rate pumping -- reservoir drawdown

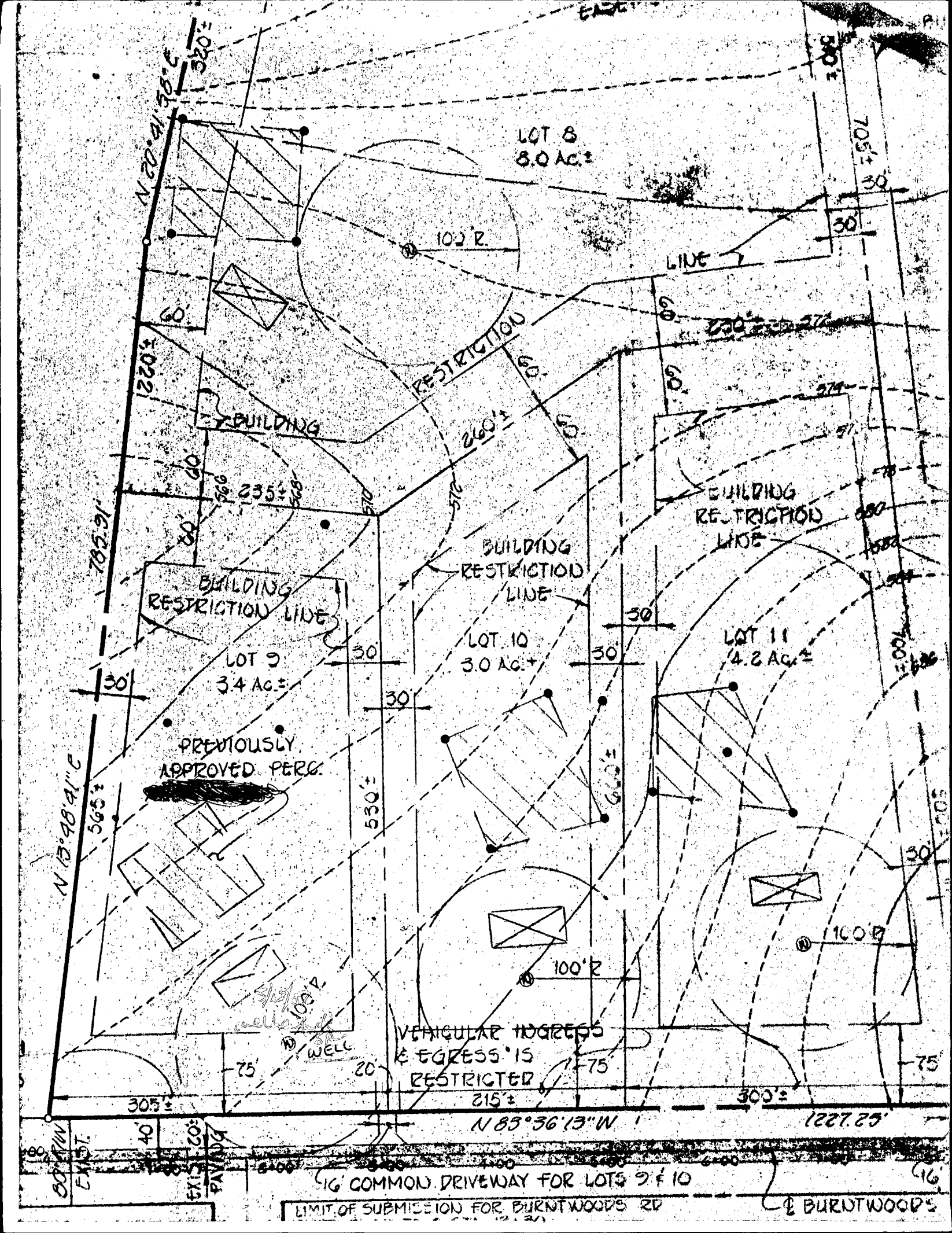
Time pump started _____ Pumping rate _____

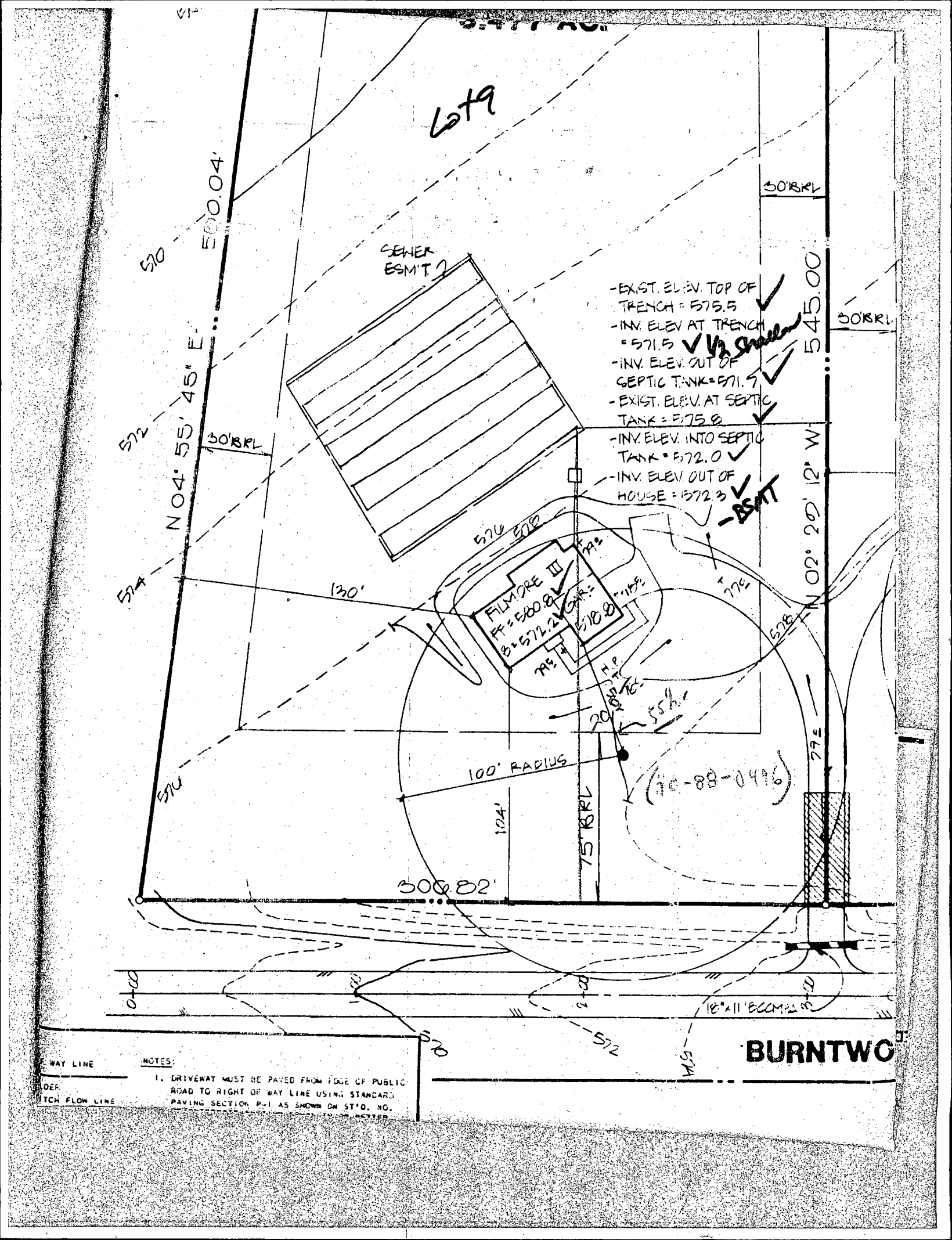
Total time _____ to reach pumping water level _____ ft. below M.P.

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

TIME (in 15 minute intervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5/1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
10:45	28	7 sec	—	9 GPM
	4/7/89	MINOR TURBIDITY		
		CHEM H-18 20 TAKEN AT		11:15

HD-224


LOT 8
8.0 Ac.±
LOT 9
3.4 Ac.±
LOT 10
3.0 Ac.±
LOT 11
4.2 Ac.±
BUILDING RESTRICTION LINE
PREVIOUSLY APPROVED PERC.
WELL
VEHICULAR INGRESS & EGRESS IS RESTRICTED
16' COMMON DRIVEWAY FOR LOTS 9 & 10
LIMIT OF SUBMISSION FOR BURNTWOODS RD
℄ BURNTWOODS
N 20°41'38" E
N 13°48'41" E
N 85°36'13" W
1227.25'
785.91'
1220±
565±
530±
305±
215±
300±
320±
705±
235±
260±
100' R
160' R
75'
20'
30'
60'
16'



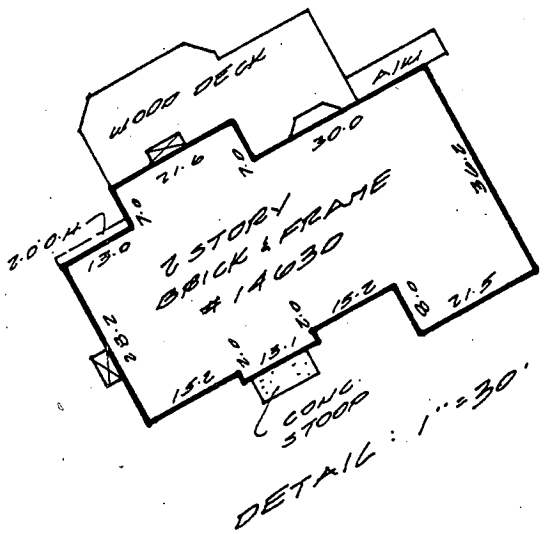
NOTES:

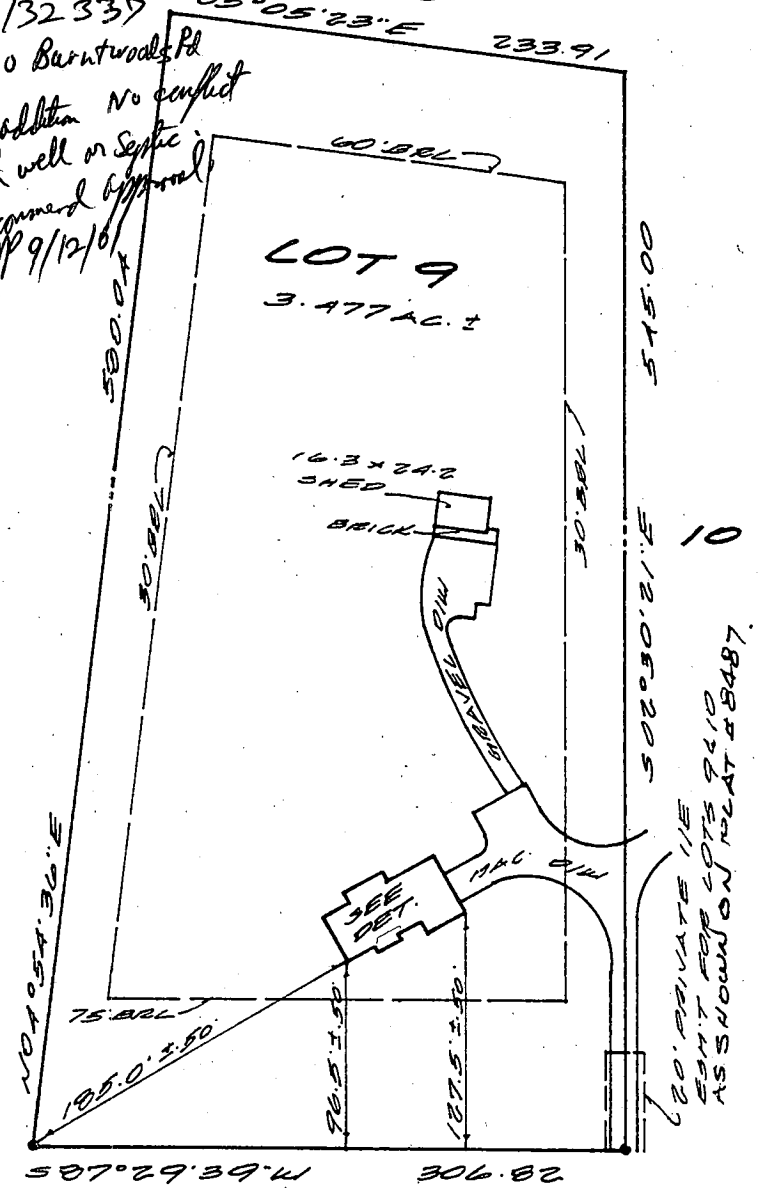
1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE USING STANDARD PAVING SECTION P-1 AS SHOWN ON ST'D. NO.

601635

B00132339
14630 Burntwoods Rd
Bldg addition No conflict
with well or Septic
Recommend Approval
HP 9/12/96

8





LOCATION DRAWING
LOT 9
SHEET 1 OF 2
ELLERSLIE ESTATES
LOTS 1 THRU 13
(A RESUBDIVISION OF LOTS 2,3, AND 4, ROSEBAR SUBDIVISION)

BURNTWOODS ROAD

Surveyor's Certification

I hereby certify that the survey shown hereon is correct to the best of my knowledge and that, unless noted otherwise, it has been prepared utilizing description of record. This survey is not a boundary survey and the location or existence of property corners is neither guaranteed nor implied. Fence lines, if shown, are approximate in location. This property does not lie within a 100 year flood plain according to FEMA insurance maps unless otherwise shown hereon. Building restriction lines shown as per available information.

Stephen J. Wenthold

Stephen J. Wenthold, Maryland RLS Reg. No. 10767

NOTE: This plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing. This plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements. This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or refinancing.

Date: 6-17-97
Scale: AS NOTED
Plat Book: ———
Plat No.: 8487
Work Order: 92-1326
REV. 1

Meridian Surveys, Inc.
2401 Research Boulevard
Rockville, MD 20850
(301) 840-0025

Address: 14630 BURNTWOODS ROAD
District: 4
Jurisdiction: HOWARD COUNTY, MD.

NO TITLE REPORT FURNISHED