

6-22-88
122

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

04-345088

INDEXED

P 42015

A 31269

DISTRICT 4th

DATE 6/20/88

DATE SYSTEM APPROVED 6-24-88

INSPECTOR S. Abel

Dale Fogle Septic Service

IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 6430 Woodbine Road, Woodbine, Maryland 21797 PHONE 795-5670

SUBDIVISION Patapsco Overlook ROAD 727 Weller Drive LOT 38

PROPERTY OWNER Philip Feaga

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES X NO _____

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 3

244 ft

TRENCHES - 244 sq. ft. per bedroom with garbage disposal. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 1/2 feet below original grade. Effective area begins at 4 feet below original grade. 2 1/2 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY. Beginning from the right front lot corner, place the distribution box 150 feet down the right (684.37') lot line and 120 feet off the right line as seen when facing property from Weller Drive. Run trenches along contour towards the rear (250.00') Lot line. NOTE: Maintain minimum 100 feet from well to septic.

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

PLANS APPROVED BY Bert Nixon DATE 12/04/87

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 12/10/87
Serial # 40572 - Storage Shed

BLDG. PERMIT SIGNED AND RETURNED 10/11/01
300532779 - shed

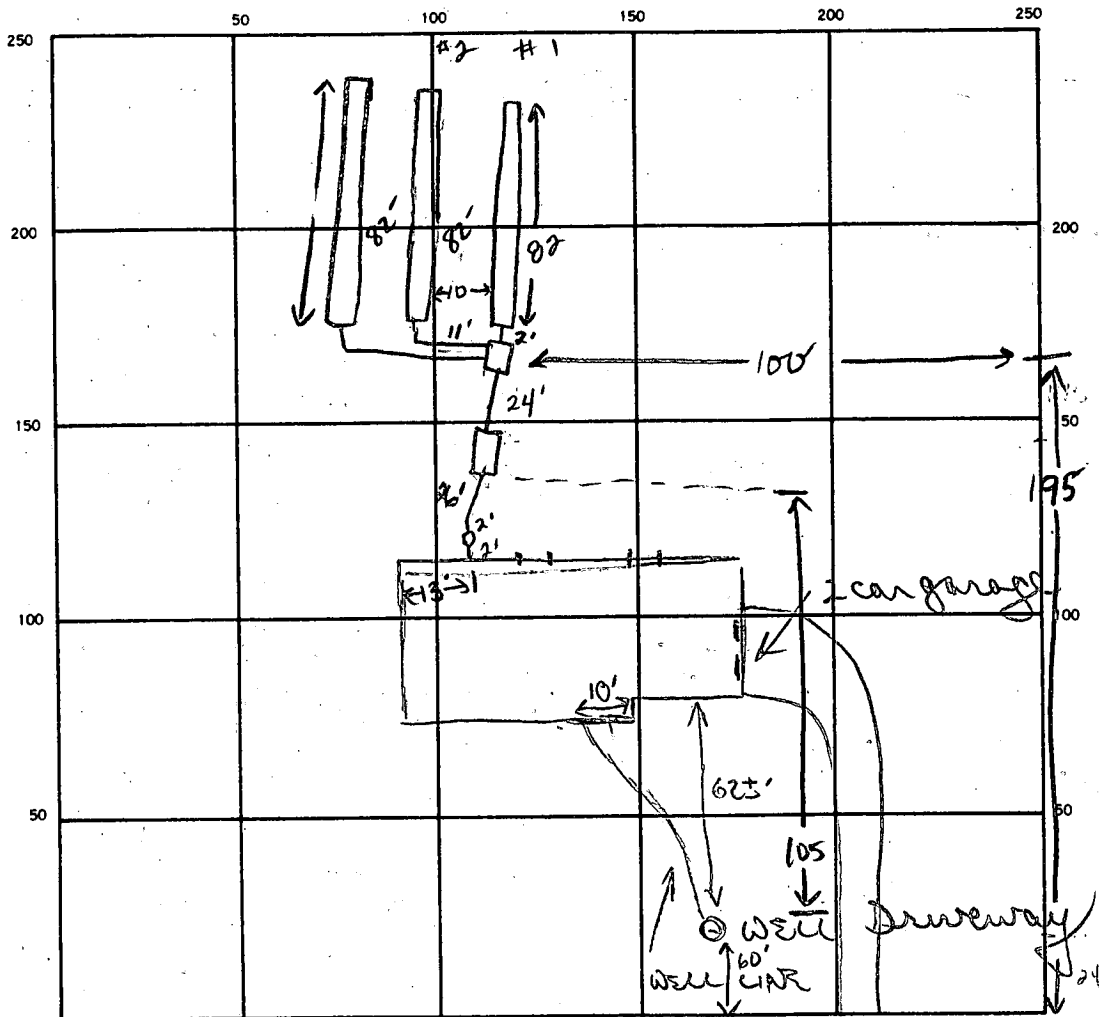
BLDG. PERMIT SIGNED AND RETURNED 4/4/89
Serial # 23063 - Pool

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

21269



244
3
232

244

35

70
24
280
148
168

24
24
96
48
57

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

WELLER DRIVE

SEPTIC TANK. LEVEL 1500 gal CLEANOUTS Lot house, AT TANK

DISTRIBUTION BOX. LEVEL OK w/ baffle

DRAIN FIELD TILE FIELD. DEPTH 6.5 6.0 6.0 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 3.5 3.5 FT.

EFFECTIVE GRAVEL DEPTH 3.0 3.0 3.0 FT. TOTAL LENGTH 82 82 82 FT. 246

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 738 SQ. FT.

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

ABSORBENT AREA 738 SQ. FT.

REMARKS 6-23-88 OK to cover trench #1, add stone, paper & paper to trenches #2 & 3. Call for final JEN

6-24-88 OK TO COVER ALL WORK S. Abel

DATE SYSTEM APPROVED 6-24-88 INSPECTOR S. Abel

PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 992-2330

DISTRICT 4th

DATE 3/27/81

A 31269

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 Georgia Avenue Properties, Inc. Philip Feaga

ADDRESS 13638 Georgia Avenue, Wheaton, Md. 20906 PHONE 465-7777 Jack Boender

PROPERTY LOCATION: PATAPSCO OVERLOOK II
SUBDIVISION Georgia Avenue LOT NO. 38 ~~NEW LOT 7~~ ~~NEW LOT 38~~ FINAL PLOT

ROAD AND DESCRIPTION Route 94 and Old Frederick Road 727 Welles DR.

SIZE OF LOT 3 acres m/l TYPE BLDG. 3 or 4 bedrooms
(NUMBER OF BEDROOMS)

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. /s/ Jack Boender for E. Brooke Lee, III
(SIGNATURE OF APPLICANT)

APPROVED BY S. Adel FOR Shellen Sep DATE 3-15-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

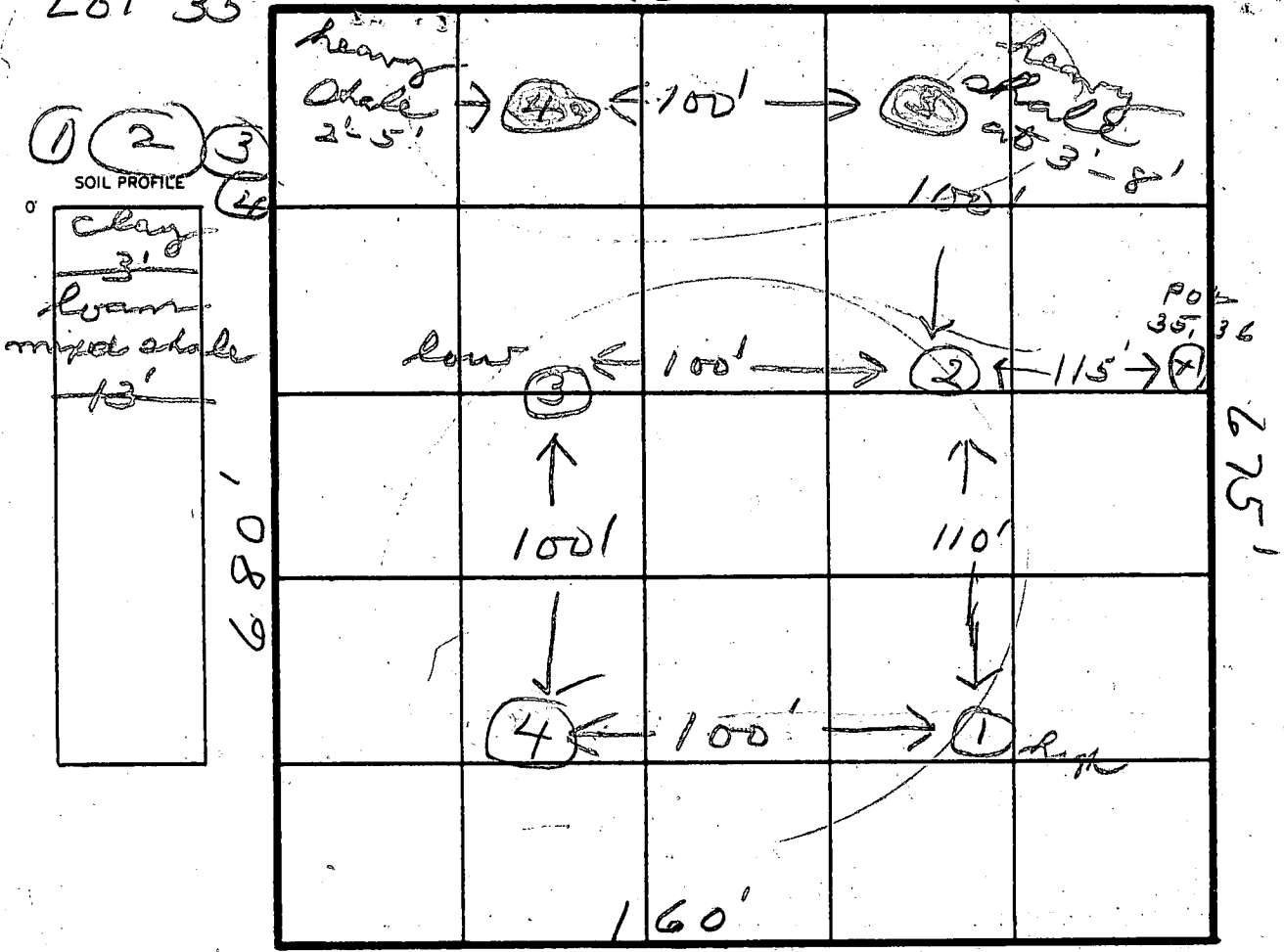
PERMIT SIGNED AND RETURNED 3/15/81

BP 17021 984

THIS IS NOT A PERMIT

New 7
LOT 35

200'



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/15/81	1S	4'	1:46	1:51	1:51	1:56	4
	1M	8'	1:46	1:55	1:55	2:05	10
	2V	13'					
	3S	3 1/2'	2:00	2:04	2:04	2:11	7
	3M	8'	2:05	2:02	2:02	2:04	2
	4S	4'	2:07	2:10	2:10	2:17	7
	4M	8'	2:07	2:10	2:10	2:15	5

4' on lot

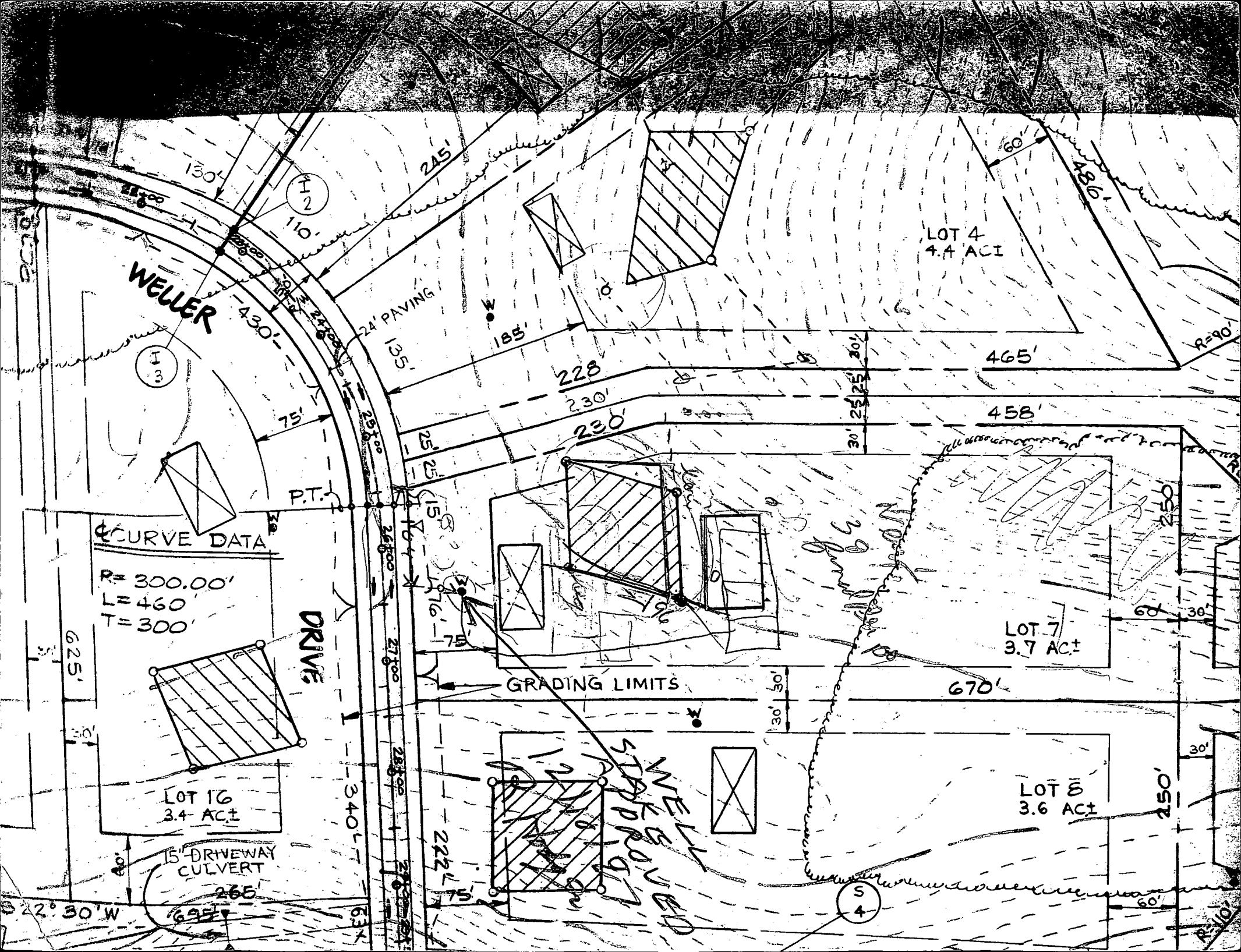
8-min

REMARKS Holes #3-4 are on the right of way.
lot lines must be changed.

TYPE OF SOIL _____

TESTED BY JS ALSO PRESENT R. and Lee

EH-12-1079



LOT 4
4.4 AC±

LOT 7
3.7 AC±

LOT 8
3.6 AC±

LOT 16
3.4 AC±

CURVE DATA
R = 300.00'
L = 460'
T = 300'

WELLER

DRIVE

GRADING LIMITS

24' PAVING

15' DRIVEWAY
CULVERT

WELLER DRIVE
STOPPED

S
4

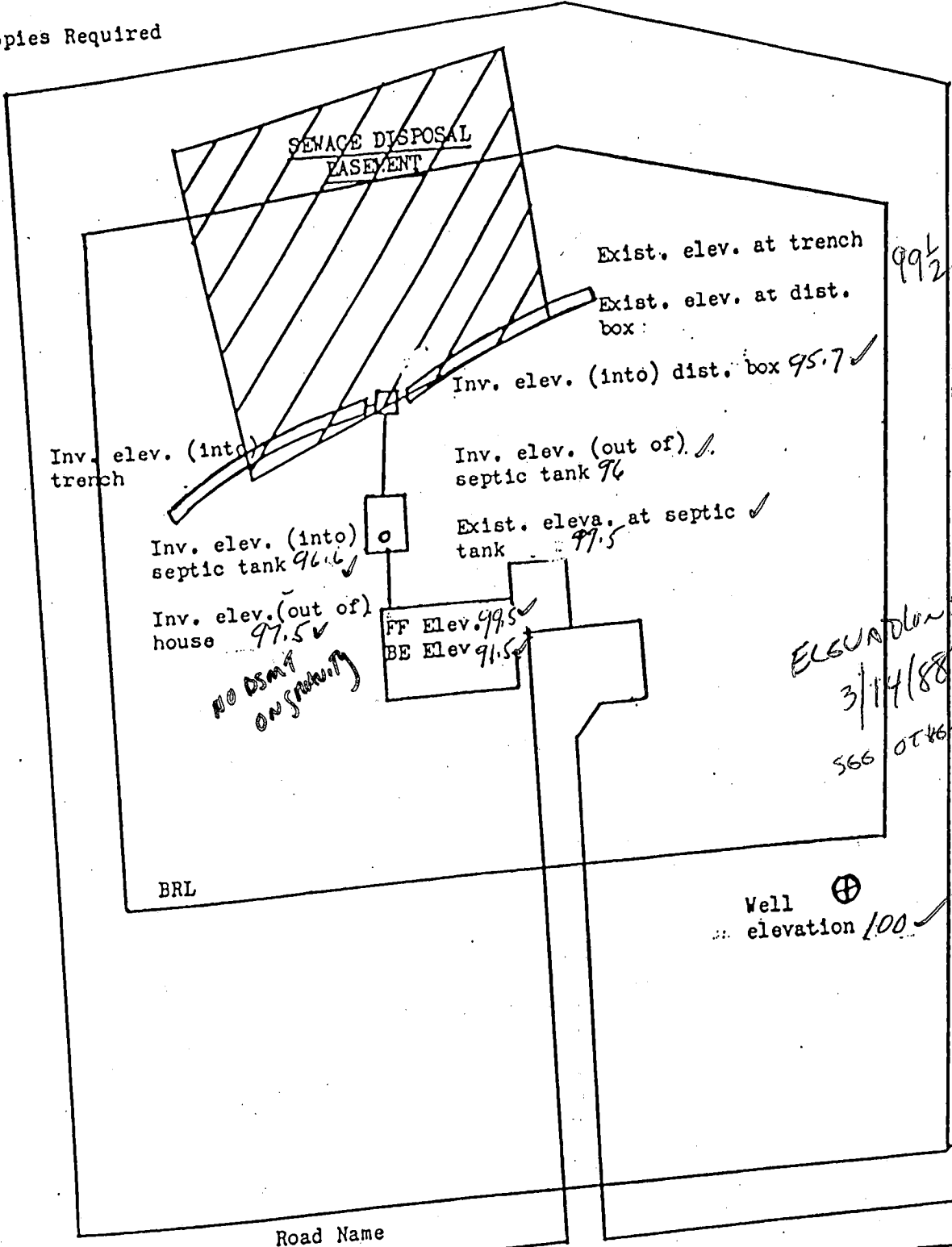
P.T.

S 42° 30' W

R=101'

ELEVATION DRAWING FOR BUILDING PERMIT APPROVAL

2 Copies Required



3/15/88
elevations OK

BDDG. PERMIT SIGNED
 AND RETURNED 3-15-88

BP 17021
SA

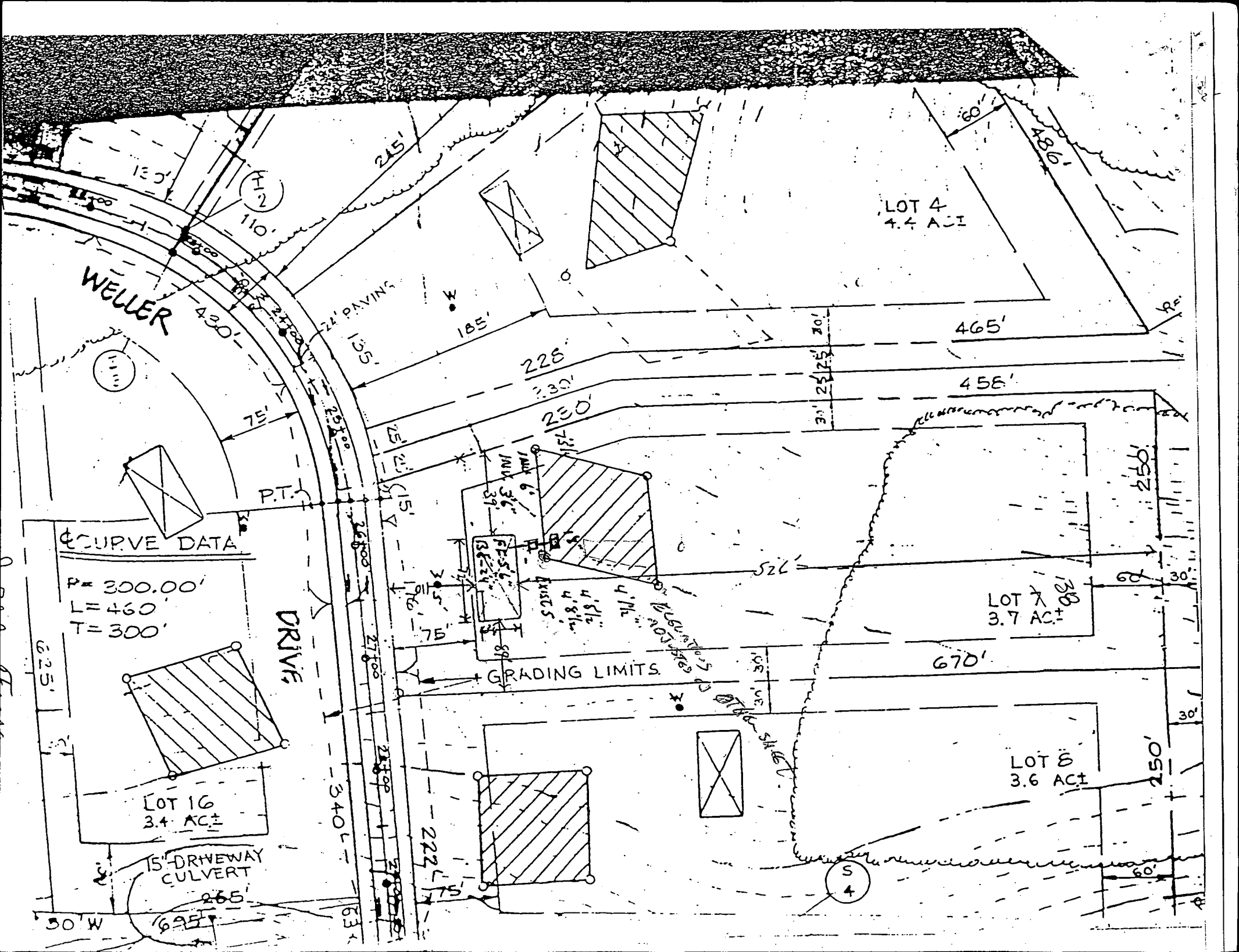
ELEVATIONS OK
 3/14/88
 566 OTHER SUBMISSION FOR LOCATION

3/14/88
William

Lot 38 Weller Dr

I certify that the above measurements are actual and correct for this property.

Signed: *Philip Feaga*
 Philip Feaga
 Mar 14, 1988



LOT 4
4.4 AC

LOT 7
3.7 AC

LOT 5
3.6 AC

LOT 16
3.4 AC

CURVE DATA
P = 300.00'
L = 460'
T = 300'

WELLER

DRIVE

GRADING LIMITS

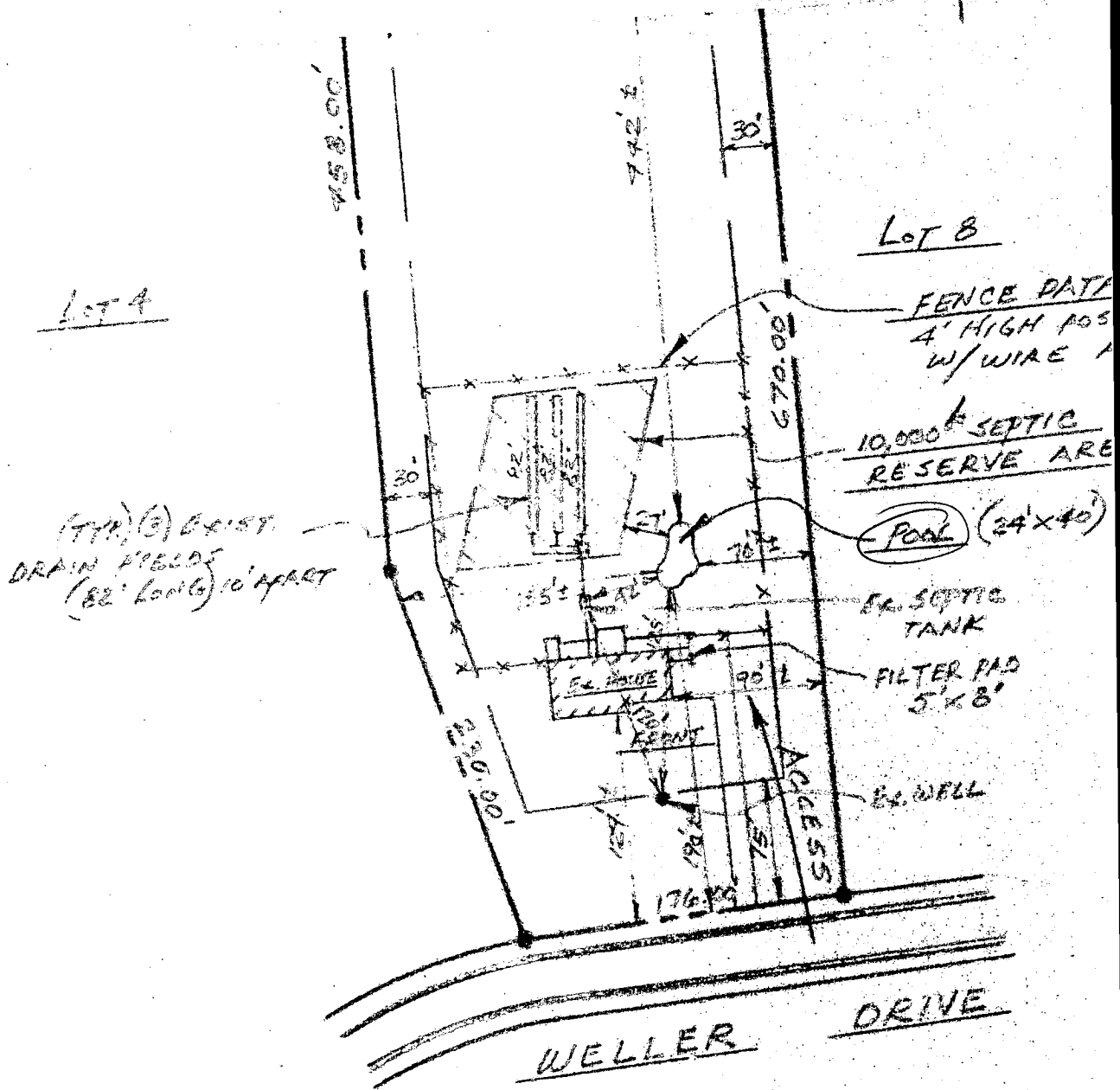
15' DRIVEWAY
CULVERT

50' W

(12)

(S
4)

OK to sign
No Problem R. Hodges
1/4/88



SITE PLAN

SCALE: 1"=100'

727 WELLER DRIVE

HOWARD COUNTY MD 21782

6-23-88
after 12 noon

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

6/21/88
No line/pitless

New Installation
Replacement

Receipt # 42010
Date 6/17/88

Name of Installer J.A. Smith + Co INC.

Telephone 796-7532

License number 5581
Certified Well Pump Installer

Well Driller Registered Plumber

Name of Property Owner Phil Feaga

Telephone 465-0997

Subdivision Potapscow Overlook Lot # 38

Well tag # HO-81-2472

Site Address 727 Weller DR
Woodbine MD 21797

(NO TAG ON WELL)

Pump
1. Type
a. Deep well jet
b. Shallow well jet
c. Submersible
2. Make Goulds
3. Model # 7EH05412
4. Capacity 12 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 1/2
2. RPM 3450
3. Voltage
a. 110
b. 220

Pitless Adapter
1. Make Morinson
2. Model # RP10K
3. Depth 42"

Tank
1. Capacity 20 Gal
2. Pressure relief valve? 75 PSI

Piping
1. Type GoldenJet NH60
2. Size 1"
3. NSF and/or BOCA Code approved NSF
4. Depth of supply line 42"

Well data
1. Depth 190 ft.
2. Yield 10 GPM
3. Static water level 35 ft.
4. Will water supply be disinfected by installer? yes

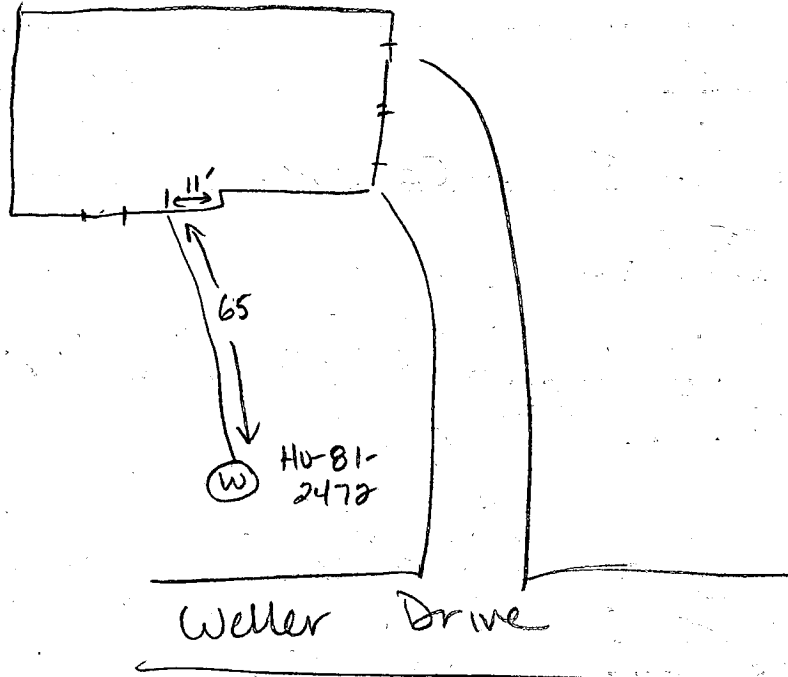
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: J. Allen Smith

Date: 6/14/88

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



5
5
2
1
56

6-23-88

No tag on well. Pitless adaptor at 32 inches. House connection OK. Well line in trench at 36 inches. Pump tank installed.
 JENadeau

2078

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A-31269

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 [] [] [] [] 13

15 12 16 8 7 20

22 20 5 [] [] 26 (TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37 40-81-2472

OWNER: FLAGA last name WELLEN DR. first name TOWN: WOODBINE SUBDIVISION: PATRISIO OVERLOOK SECTION: 3 LOT: 38

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, FEET FROM, FEET TO, Check if water bearing. Rows include Top Soil, Brown Shale, Brown Slate, Blue Slate, Brown Slate, Blue Slate, Brown Slate, Blue Slate.

GROUTING RECORD WELLS HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 6 NO. OF POUNDS 200

CASING RECORD gasing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING Nominal diameter Total depth top (main) casing of main casing TYPE (nearest inch) (nearest foot) PL 6 21

OTHER CASING (if used) diameter 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.) H O 19 20 5

CIRCLE APPROPRIATE LETTER 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.

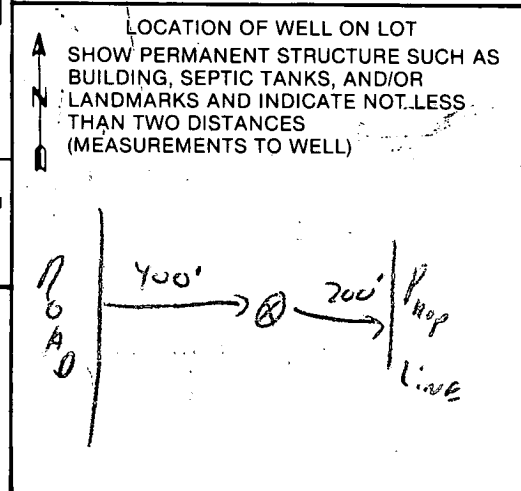
DRILLERS IDENT. NO. 2073 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK from to IF WELL DRILLED WAS FLOWING WELL INSERT E IN BOX 68

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

PUMPING TEST C 3 HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 9 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 4.5 WHEN PUMPING 4.5 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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE 2 (nearest foot)



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - _____
 Location of property (road) Woodbine Rd
 Subdivision Tatapoco Overlook Lot 38 Block _____ Plat _____ Sec. _____
 Well Driller Ralph Mayne Owner _____

Depth of well 205'
 Distance of measuring point (M.P.) above ground 2ft
 Static water level (S.W.L.) below M.P. 45'

I. High rate pumping -- reservoir drawdown

Time pump started 11:30 Pumping rate 9 G.P.M
 Total time 15 min to reach pumping water level 45' 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 4 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
11:45	45 ft	7 sec	/	9 G.P.M
12:00	45	7		9
12:15	45	7		9
12:30	45 ft	7 sec		9 G.P.M
12:45	45	7		9
1:00	45	7		9
1:15	45 ft	7 sec		9 G.P.M
1:30	45	7		9
1:45	45	7		9
2:00	45 ft	7 sec		9 G.P.M
2:15	45	7		9
2:30	45	7		9
2:45	45 ft	7 sec		9 G.P.M

21 ft PL 18 open 6 bags

B 7 5738 SEQUENCE NO. (OEP 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

OEP PERMIT NUMBER

AD-81-2472
fill in this form completely

Date Received

12/1/87

OWNER INFORMATION

EEAGA AMILIA
Last Name Owner First Name

2910 RAMPLEWOOD RD
Street or RFD

ELLICOTT CITY MARYLAND 21043
Town State Zip

B 3

LOCATION OF WELL

ACWANTON
8 COUNTY

YATAYSCO CVERLOOK
23 SUBDIVISION

SECTION 5 LOT 38
44 46 48 50

WOODBINE
52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 1 MI
73 76 77 78

DRILLER INFORMATION

Ralph MAYNE 273
Driller's Name License No. 80

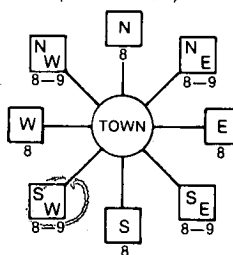
Ralph MAYNE (WELL DRILLING)
Firm Name

9170 Brown Church Rd. Mt. Airy
Address

Ralph Mayne 12/10/87
Signature Date

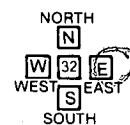
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Weller Rd.
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



2900
34 DISTANCE FROM ROAD 37

ENTER FT or MI 44

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 900
14 20

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 COUNTY NAME A-31269 COUNTY NO.
OEP SIGNATURE STATE HEALTH INSERT S

DATE ISSUED 12/1/87
43 CO SIGNATURE EXP. DATE
NORTH GRID 555000 EAST GRID 078000
50 55 57 63

APPROXIMATE DEPTH OF WELL 150 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

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

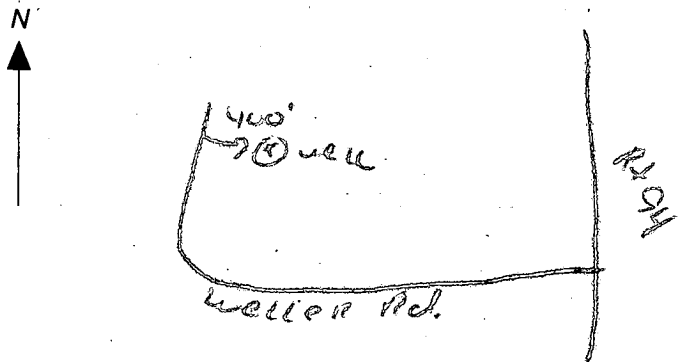
SOURCES OF DRILLING WATER

- 1. well
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7000
N 5500

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



REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

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

APPROP. PERMIT NUMBER GAP

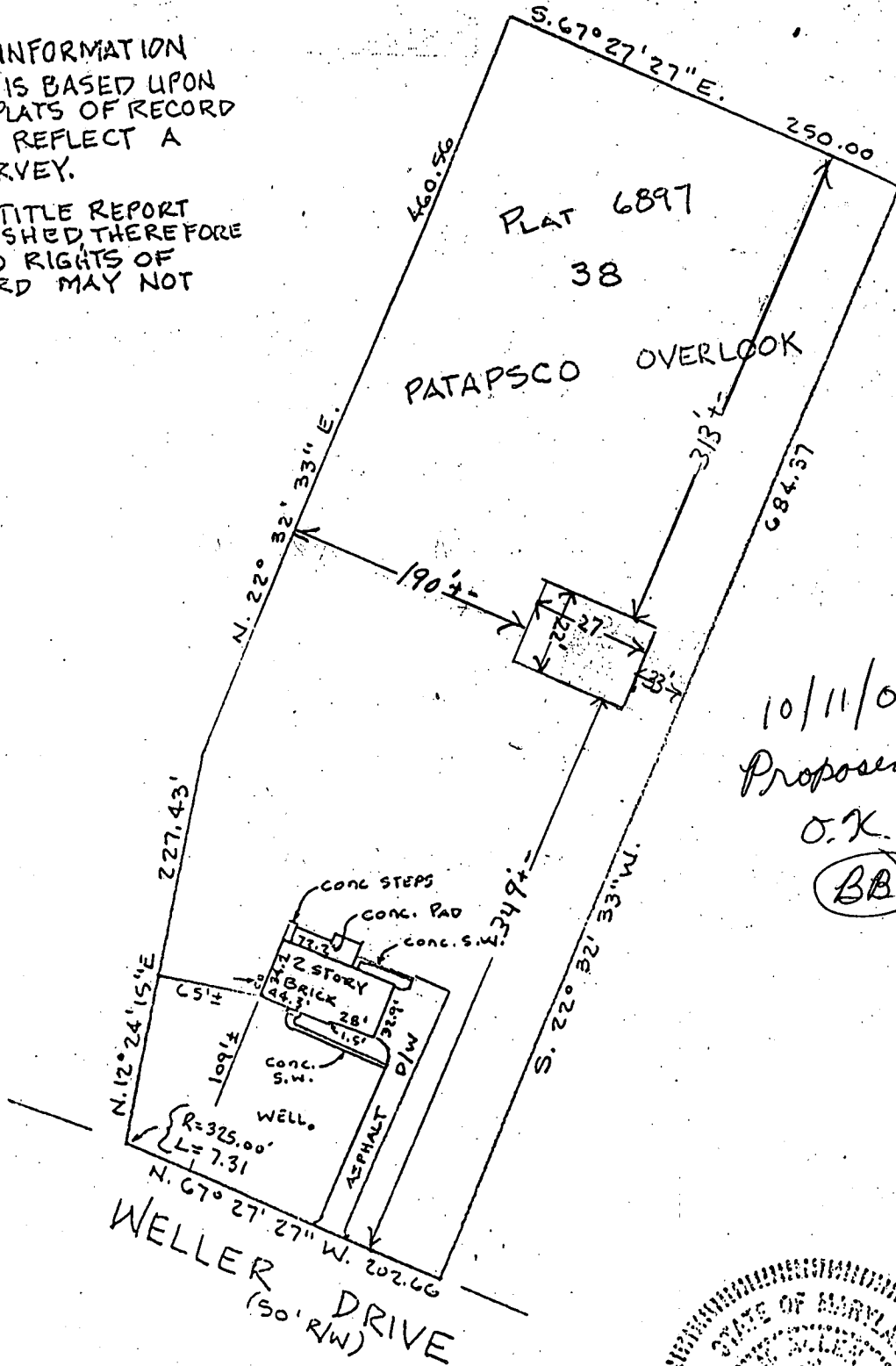
FORCE SA PERMIT No. AD-81-2472
67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS 465-0997

LOCATION OF HOUSE
 727 WELDER DRIVE
 LISBON (4th) DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE 1" = 100'
 OCTOBER, 1988

THE BOUNDARY INFORMATION
 SHOWN HEREON IS BASED UPON
 DEED(S) AND/OR PLATS OF RECORD
 AND DOES NOT REFLECT A
 BOUNDARY SURVEY.

AN UP-TO-DATE TITLE REPORT
 WAS NOT FURNISHED THEREFORE
 EASEMENTS AND RIGHTS OF
 WAY OF RECORD MAY NOT
 BE SHOWN.



10/11/01
 Proposed Shed
 O.K.
 (BB)

SURVEYOR'S CERTIFICATE
 I CERTIFY TO THE BEST OF
 MY KNOWLEDGE AND BELIEF
 THAT THE PLAN SHOWN HEREON
 IS CORRECT.

