

3/7/01 - Layout 12pm
3/12/01 - 12pm and later
4/11/01 - NOON
INDEXED

PERMIT
SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
410-313-2640

P 514750

A 49888-T

ISSUE DATE 1/24/01

APPROVAL DATE 4/9/01

04-357450

Jack Fyock Septic Service IS PERMITTED TO INSTALL x ALTER

ADDRESS P.O. Box 89, Glenelg, MD 21737 PHONE 410-988-9270

SUBDIVISION Harless Manor LOT NUMBER 12 ADDRESS 14037 Monticello Drive

PROPERTY OWNER Cornerstone Homes Inc. PROPERTY OWNER'S ADDRESS 9691 Norfolk Avenue

SEPTIC TANK CAPACITY 1250 GALLONS Laurel, MD 20723

PUMP CHAMBER CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4 **** TOP SEAMED SEPTIC TANK REQUIRED ****
**** TOP SEAMED PUMP CHAMBER REQUIRED ****

SQUARE FEET PER BEDROOM 180

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES: Trenches to be 3 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. 2 feet of stone below distribution box.

LOCATION: Place distribution box 10 feet from left (380.11') lot line and 250 feet from front lot line as viewed from Monticello Drive. Install trenches on contour toward right lot line. 12/6/00 OK (PB)

PLANS APPROVED Amy McMillen DATE 11/22/2000

PERMIT VOID AFTER 2 YEARS

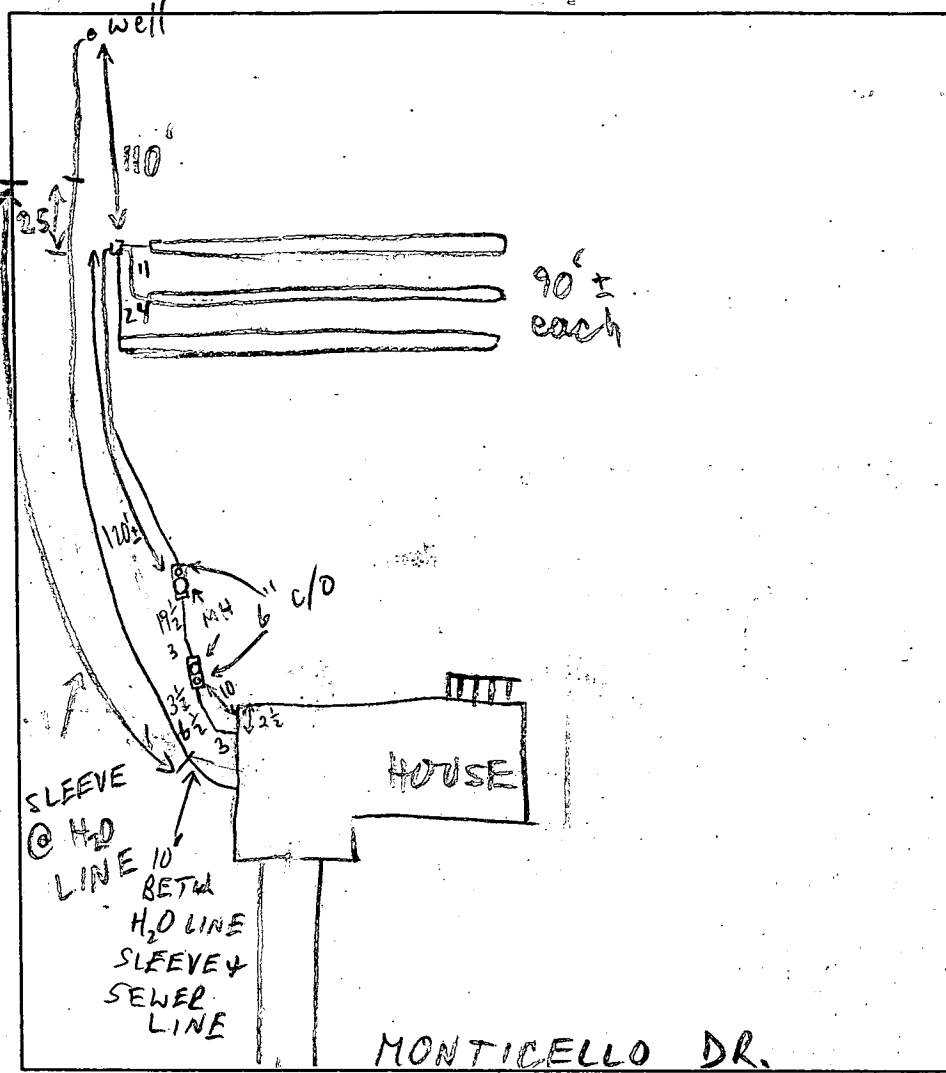
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED
- NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

49888-T

NOT TO SCALE



TRENCH DATA

TRENCH WIDTH 3
 TRENCH INLET DEPTH 2.5
 TRENCH BOTTOM DEPTH 4.5
 DEPTH OF STONE 2
 NUMBER OF TRENCHES 3
 TOTAL TRENCH LENGTH 270±
 ABSORBENT AREA 810
 DISTRIBUTION BOX LEVEL
 BAFFLE IN DISTRIBUTION BOX

SEPTIC TANK DATA

SEPTIC TANK 1250 TS GALLONS
 MANHOLE RISER
 6 INCH INSPECTION PORT

PUMP CHAMBER DATA

PUMP CHAMBER GALLONS 1250 TS
 MANHOLE RISER
 ALARM _____
 PUMP PERFORMANCE TEST _____

PRE-CONSTRUCTION INSPECTION: 3/7/01 To run three 80' trenches in highest part of easement. Well line to be sleeved near easement and separated from sewer line. (MR)

INSPECTION COMMENTS: 3/12/01 OK TO COVER TRENCHES & MOST OF PRESSURE LINE, HOLD FOR S.T. INSP (MR)

3/12/01 OK TO COVER TANKS, HOLD FOR PUMP/ALARM INSP (MR)

4/9/01 PUMP/ALARM OK (MR)

3/12/01 WPI OK, NO FORM (MR)

INSPECTOR M. Ritkin DATE SYSTEM APPROVED 4/9/01

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: FRAGA Plumbing & Heating Telephone #: 410-465-1401
Address: 3205 Herwood Rd
Woodstock, MD 21163

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:

Name (Print): Ken Fraga License# 6318

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: _____ Telephone #: _____
Subdivision: HARTISS MANOR Lot #: 12 Well Tag #: HC-94-2812
Site Address: 14037 Monticello Drive

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>Goulds</u>	Make: _____	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>7650F12</u>	Model#: _____	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity <u>2</u> GPM	Depth: <u>40"</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: _____ GPM	NSF approved: <input checked="" type="checkbox"/>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>178</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt

Piping to house	House Connection
Type: <u>P.E</u>	PVC sleeved to undisturbed soil at wall penetration: <input checked="" type="checkbox"/>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>10 FT</u>
Depth of supply line: <u>40</u> (36" min)	Sleeve caulked and sealed properly: <input checked="" type="checkbox"/>

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: [Signature] date: 3/27/01

For Health Department Use Only - Not to be completed by installer

Date Insp. Requested: 3/12/01 Date Insp. Approved: 3/12/01

Inspection Data: Pitless adapter and water supply line at least 36" below grade	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>
Safety rope installed inside of well casing	<input checked="" type="checkbox"/>
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>
Adequate grout observed below pitless adapter	<input checked="" type="checkbox"/>

GENERAL NOTES:

Post-It® Fax Note	7871	Date	1/17/01	# of pages	2
To	Ha Co. Health Dept	From	Colchester Home		
Co./Dept.		Co.			
Phone #		Phone #	410/292/2565		
Fax #		Fax #			

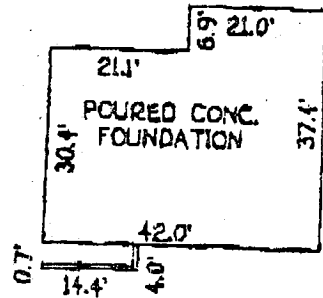
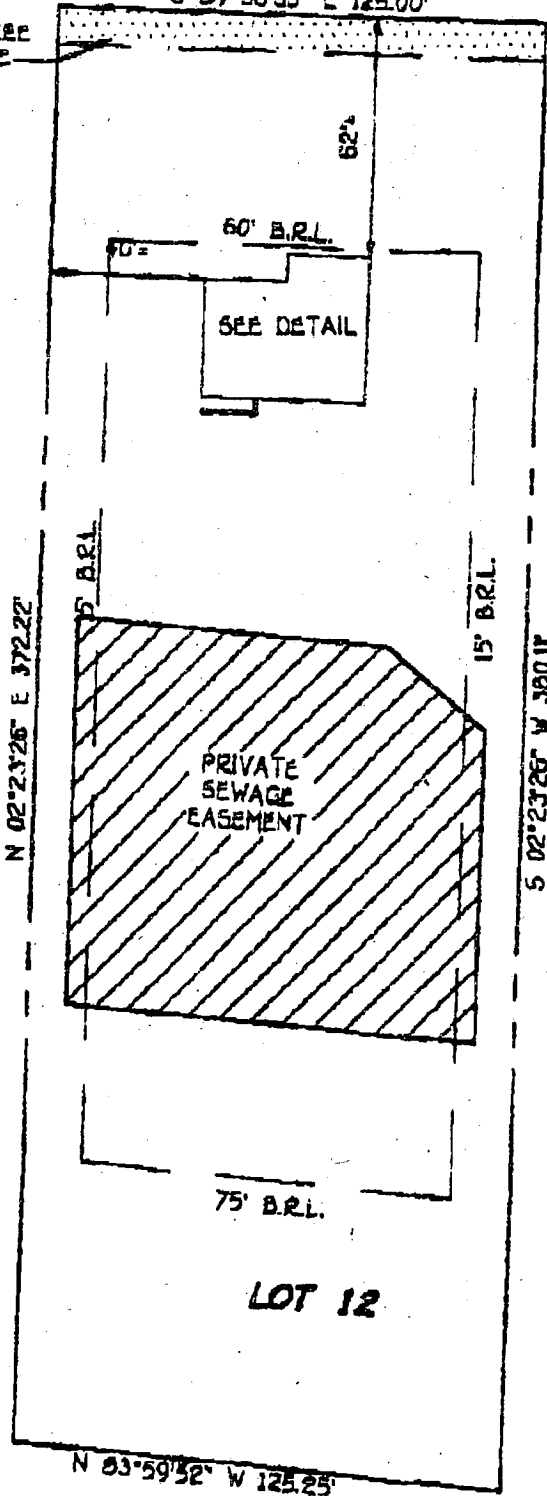
5.

- THIS PLAT IS PREPARED FOR THE BENEFIT OF THE INSOPAR AS IT IS REQUIRED BY A LENDER OR THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINAL PLAT IS NOT INTENDED FOR USE IN THE ESTABLISH THE ESTABLISHMENT OR LOCATIONS OF FENCES, G AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR IDENTIFICATION MAY NOT BE REQUIRED FOR THE 1
- SUBJECT PROPERTY IS SHOWN IN ZONE C ON RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 240044 0002 B EFFECTIVE DATE: DEC. 4, 1986
- THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (±).
- NO TITLE REPORT FURNISHED, SUBJECT TO ALL EASEMENTS AND CONDITIONS OF RECORD.

MONTICELLO DRIVE

S 87°36'33" E 125.00'

10' PUBLIC TREE MAINTENANCE EASEMENT



DETAIL 1"=30'

1/17/01
House location
OK. (BA)
1"=50'

LOT 11

LOT 13

LOT 12

LOT 12
HARLESS MANOR
PHASE 1
LOTS 1 THRU 20,
PRESERVATION PARCEL 'A'
AND NON-BUILDABLE BULK PARCEL 'B'
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT REF. 12025

B.R.L. = BUILDING RESTRICTION LINE
TOP OF FOUNDATION ELEV. 383.3'

N 83°59'32" W 125.25'

HOUSE LOCATION DRAWING

APPLICATION

PERCOLATION TESTING

A 49888T

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT FOURTH

DATE DECEMBER 8, 1993

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER LEROY H HEWITT

ADDRESS 13900 MONTICELLO DRIVE, COOKESVILLE, MD. 21723 PHONE 442-2753

AGENT ~~OR PROSPECTIVE BUYER~~ FISHER COLLINS & CARTER INC.

ADDRESS 9171 Balto. National Ake suite 100 PHONE 461-2855
ELLICOTT CITY MD. 21042

PROPERTY LOCATION:

SUBDIVISION HARLESS MAJOR LOT NO. 13 New 1/2

ROAD AND DESCRIPTION MONTICELLO DRIVE

TAX MAP 1006 B AND 9 PARCEL # 9,252 and 32A

SIZE OF LOT 1 A.C.± TYPE BLDG. SINGLE FAMILY DETACHED
(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.

Zacharia J. Fisher (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

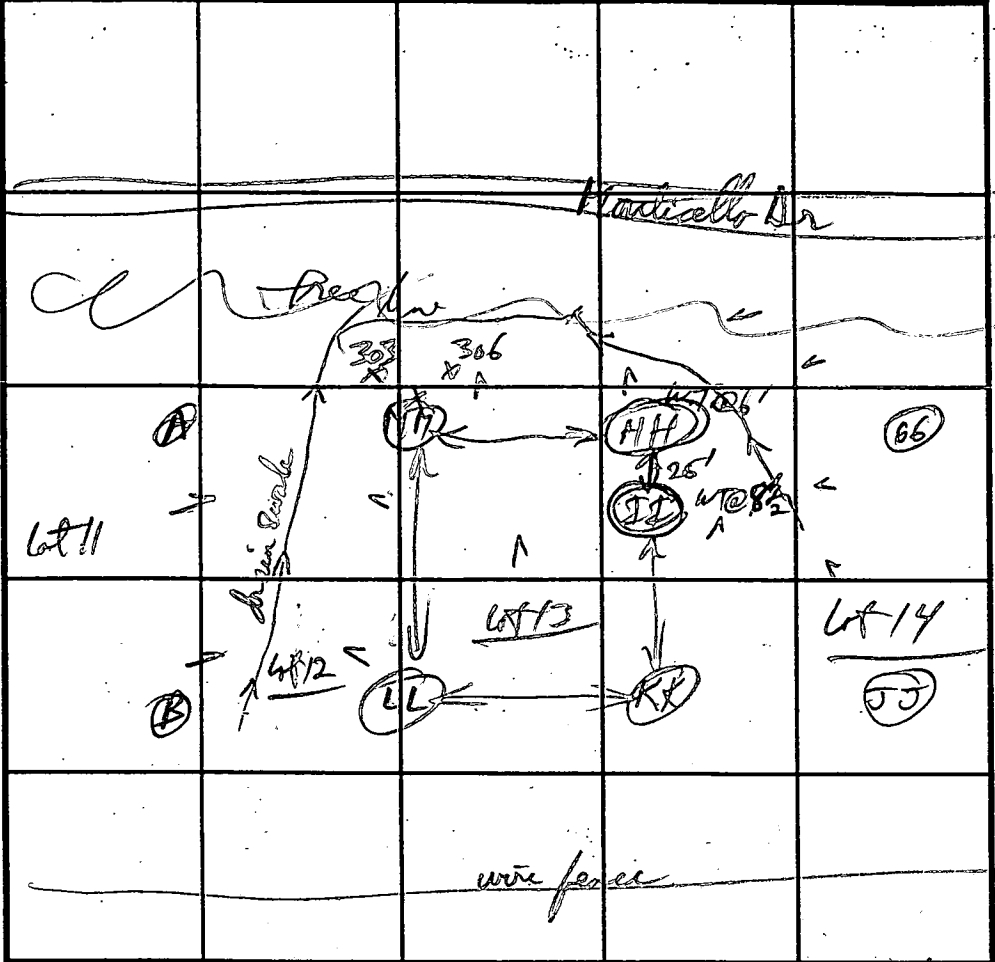
6813 / 49887 Herless Manor

COUNTY #

SOIL PROFILE
303/306 MM

SOIL PROFILE

Same as LL



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Route 70

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
3-4-94	303/306 MM	3'	3:47:00	3:50:40	3:50:40	3:54:00	3 min		
		VII'	OK any depth						
	LL	3'	3:34:30	3:40:42	3:41:30	3:42:30	1 min 50 sec		
		VII'	OK any depth - No water after 2 hrs						
	II	WT @ 8 1/2' - 9' at 4 PM						Shallow only	
	HH	Water Seepage at 6'						Fail	
	KK	3 1/2'	(OK below 2', No water seen)					4 min	
		VII	8'						3 1/2 min

REMARKS: Need to stay 25' from CL of Driveway

TYPE OF SOIL _____

TESTED BY: *[Signature]* ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 min TRENCH WIDTH 1

INLET DEPTH 2 MAXIMUM BOTTOM DEPTH 4 1/2 SQ. FT./BEDROOM 180

LL

Red Brngl
Red Brng Loom

1' 2 1/2'

4 1/2'

○

○ fragments of 90% str. aggregate

massive aggregate mix brn to grey brn L-SL

II

Red Brn Cl

translucent tan var. L-SL

3'

8 1/2' water seepage

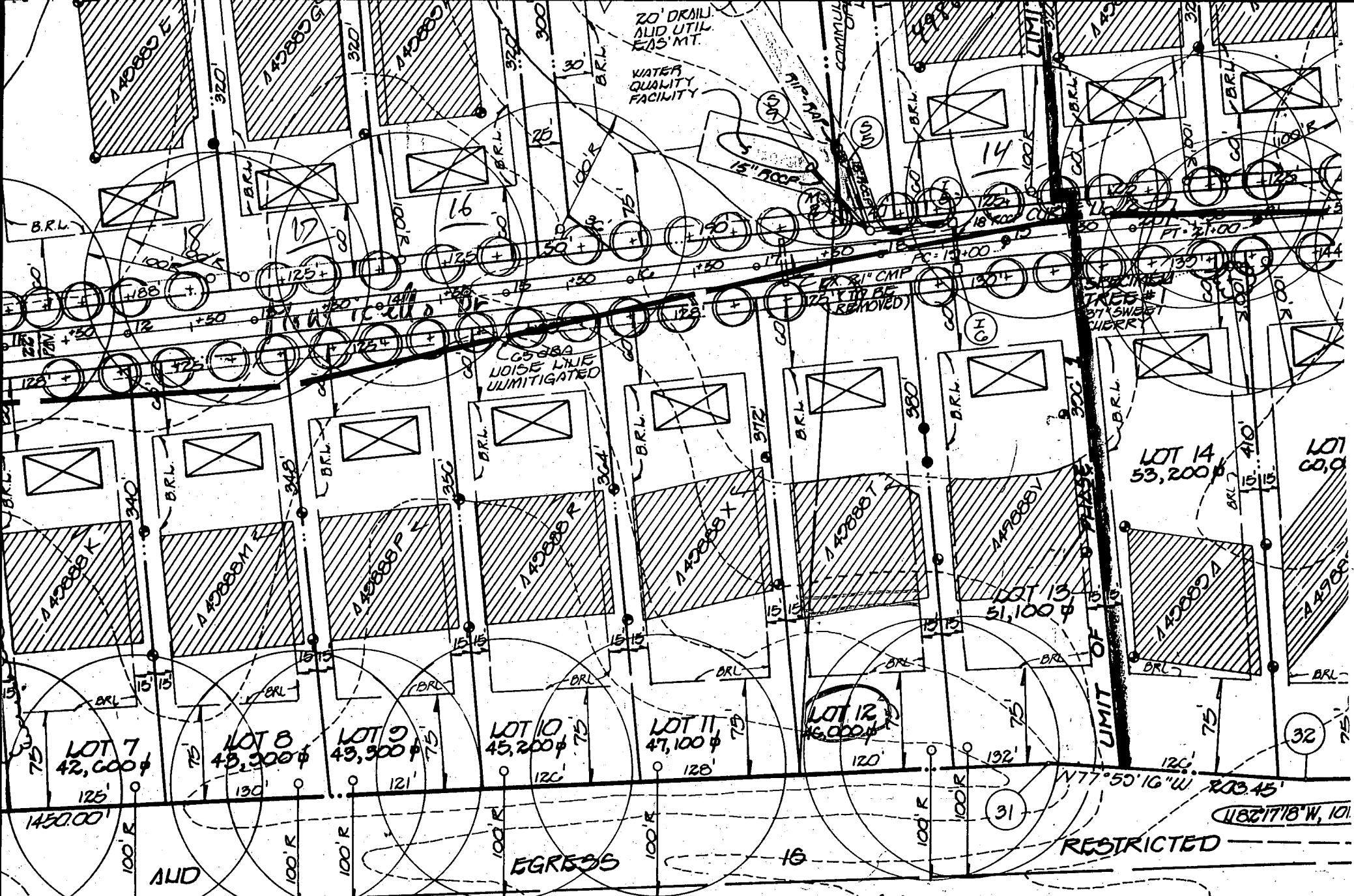
9' 3 WT

grey brn SL some black pebbles

10' water level @ 9 1/2'

OK

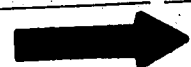
OK??



WEST BOUND LANES *Harless Mono + Signal Prelim*

INTERSTATE

70N



EAST BOUND LANES

B 1 18610

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2817

fill in this form completely

W51366 please print or type

Date Received (APA) 6/30/00

OWNER INFORMATION

8 MM/DD/YY 13 Hewitt LEROY
15 Last Name Owner First Name 34
36 Street or RFD 55 COOKSVILLE MD, 21723
57 Town 70 State 72 Zip 76

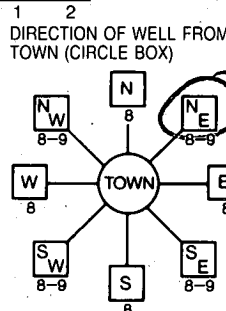
B 3 LOCATION OF WELL

8 COUNTY 21 Howard
23 SUBDIVISION 42 HARLESS MANOR
SECTION 44 46 LOT 48 50 12
52 NEAREST TOWN 71 COOKSVILLE
MILES FROM TOWN (enter 0 if in town) 1 M I 73 76 77 78

DRILLER INFORMATION

Driller's Name 76 License No. 81 RALPH MAYNE MSD117
Firm Name RALPH MAYNE WELL DRILLING
Address 9120 BROWN CHURCH RD. MT AIRY
Signature 5-23-00 Date

B 4



1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD 30 MONTICELLO DR
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH
34 200 37 DISTANCE FROM ROAD
ENTER FT OR MI 38 39
TAX MAP: 9 BLK: 19 PARCEL 346

B 2 WELL INFORMATION

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME A 49888T COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 8/15/00 EXP. DATE 8/15/01
CO SIGNATURE BRAD PINDLEY
NORTH GRID 542 0.00 EAST GRID 0801 0.00
50 55 7/6/05 63

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
(F) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
(I) INDUSTRIAL, COMMERCIAL, DEWATERING
(P) PUBLIC WATER SUPPLY WELL
(T) TEST, OBSERVATION, MONITORING
(G) GEO-THERMAL

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
1. well
2.
3.

No well stake
82300 9.30
NO INSP

APPROXIMATE DEPTH OF WELL 150 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

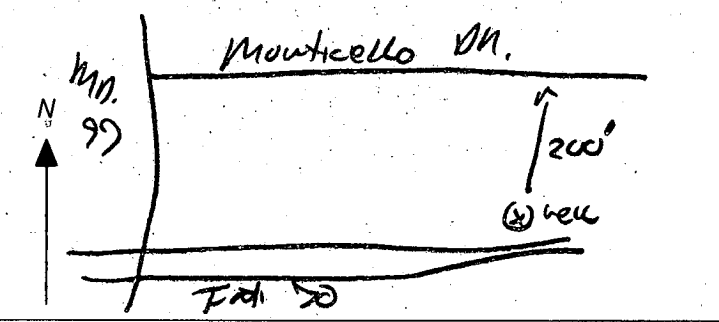
- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY DRIVE-POINT
other

WRITE THE BOX NUMBER FROM THE MAP HERE
E 8001
N 5402

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
(D) THIS WELL WILL DEEPEMED AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

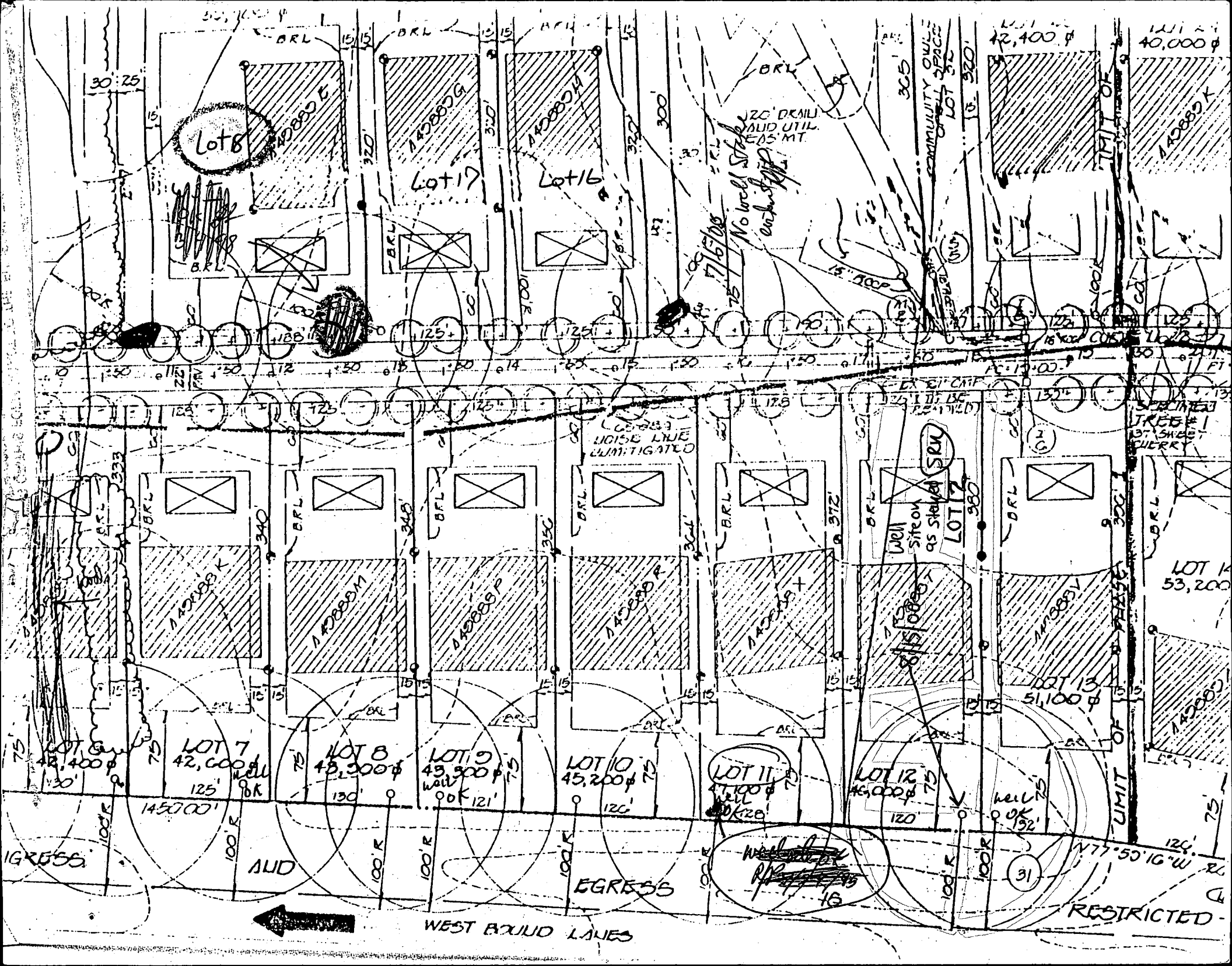
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54 HO94 GAP 012 63
PERMIT No. HO-94-2817 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS



Lot 8

Lot 17

Lot 16

LOT 6
42,400 \$

LOT 7
42,600 \$

LOT 8
43,300 \$

LOT 9
43,500 \$

LOT 10
45,200 \$

LOT 11
47,100 \$

LOT 12
46,000 \$

LOT 13
51,100 \$

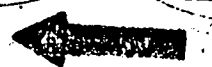
LOT 14
53,200 \$

Well site on
as stated SRUK

No well Stake
20' DRINK
AND UTIL.
EAS. MT.

COMMUNITY OWL
SMALL SPACE
LOT 30

RESTRICTED



WEST BOUND LINES

LIMIT OF

31

Specified
Trees #1
1st Shrub
Querry

30' 25'

