

Tax ID - 05-414067

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEX - TIME EXPIRED FOR

HOWARD COUNTY HEALTH DEPARTMENT F.C.O.P. COMPLIANCE

BUREAU OF ENVIRONMENTAL HEALTH  
313-2640

5/6/93 C. Williams  
C.B.D.

DATE SYSTEM APPROVED 11/19/92

DISTRICT 5th  
DATE 10/14/92  
INSPECTOR C.B.D.

11/9/92 P.C.O. C.B.D.  
P 48594  
A 37797

11/6/92 10:00 -  
12 noon  
11/9/92  
+ 2/00

# INDEXED

Van Sant Plumbing and Heating IS PERMITTED TO INSTALL  ALTER

ADDRESS 1009 North Main Street, Mt. Airy, Maryland 21771 PHONE 795-6566

SUBDIVISION Clearview Estates, Sec. 2 LOT 39 ROAD 12079 Broad Meadow Lane

PROPERTY OWNER NV Homes, Md. West Robert A. Borich

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 2 1/2 feet below original grade. Bottom maximum depth 4 1/2 feet below original grade. Effective area begins at 2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 160 feet from right lot line (461.22') and 100 feet from left lot line (308.70'). Install trenches on contour in both directions away from Distribution box.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 10/21/92 OK BJK

PLANS APPROVED BY Raymond Hodges REVISED DATE 9/09/92

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

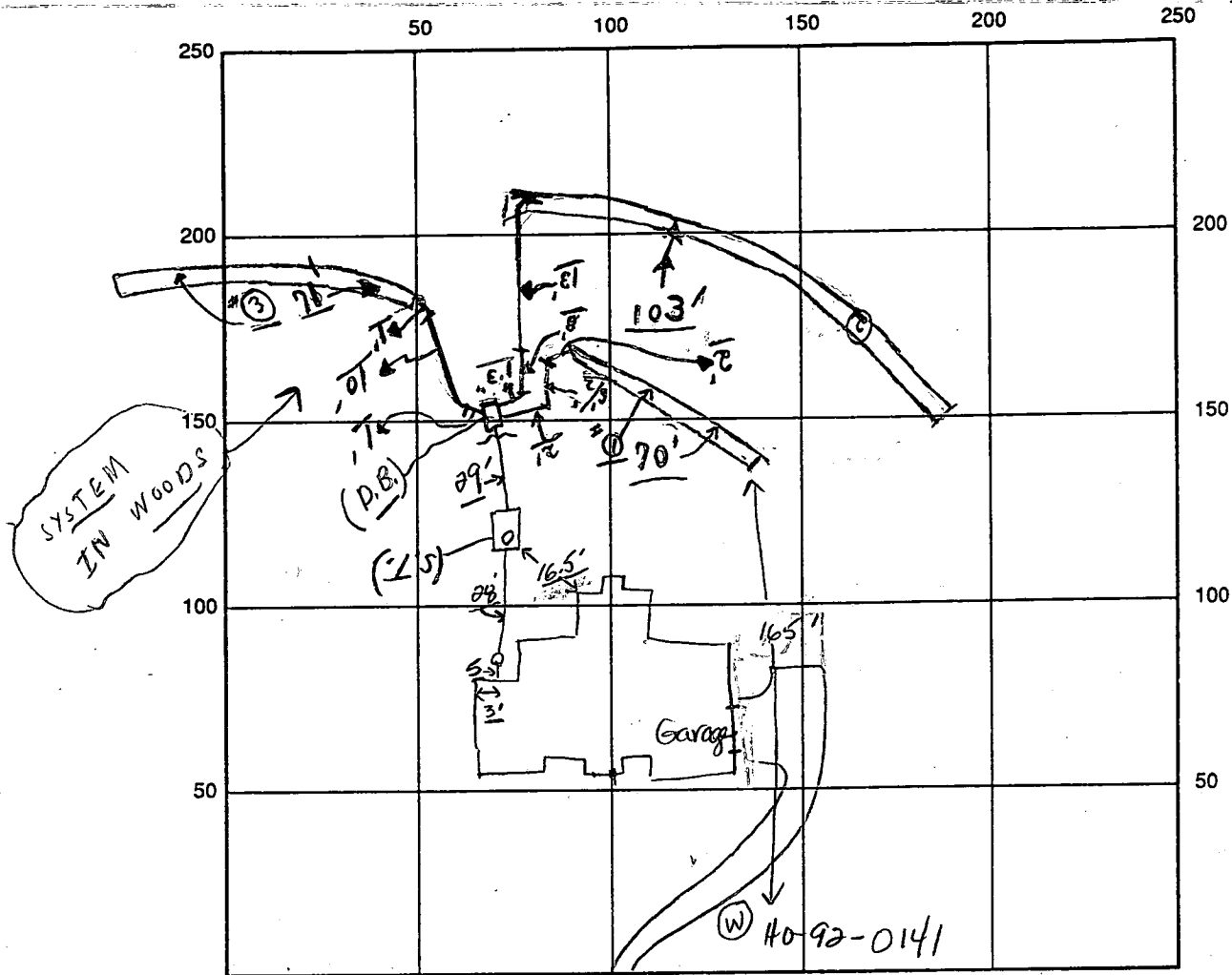
PERMIT VOID AFTER TWO YEARS

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

BLDG. PERMIT SIGNED  
AND RETURNED 3/24/93  
Serial # 47771 dech

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



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

BROAD MEADOW LG.

SEPTIC TANK LEVEL 1250 gallons CLEANOUTS 1 on sewer line, 1 at septic tank

DISTRIBUTION BOX LEVEL OK w/ baffle

DRAIN FIELD/TITLE DEPTH #3 4 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2' FT. TOTAL LENGTH #1 70 FT. #2 103 FT. #3 71 FT. } 244  
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 732 SQ. FT.

DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA 732<sup>+</sup> SQ. FT.

REMARKS: 11-6-92 OK to cover tank and sewer line to dist. box, VEN  
11/9/92 OK to cover #1 + #2 trenches; material on site for #3 trench  
partial; 11/9/92 End of #1 trench - ok to cover - Final - c.Bd.  
later - P.M., OK to cover all work; c.Bd

DATE SYSTEM APPROVED 11/9/92 INSPECTOR Charles Bryan Theak  
as per above

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND · DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37797  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT \_\_\_\_\_  
DATE 10/19/86  
June 30, 1986

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 Conrad J. and Patricia Langenfelder Martha V. Langenfelder  
11904 Clarksville Road 5511 Hamilton Avenue  
ADDRESS Clarksville, Maryland 21029 PHONE Baltimore, Maryland 21206

PROPERTY LOCATION:

SUBDIVISION Langenfelder Farm Cleareview Est. Sec. 2 LOT NO. 25 2638 (39)  
ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane 12079 Broad Meadow Lane

SIZE OF LOT 6.3 AC. TYPE BLDG. Residential  
(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.

Steven M. Murray  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 10-23-86 PRC. SATISFACTORY, HOLD FOR SUBDIVISION PERMITS,  
Shallow Syst. only, S.M.A.

BLDG. PERMIT SIGNED  
AND RETURNED 9/9/86  
Serial # 45773-  
SFD-4 Bedrooms

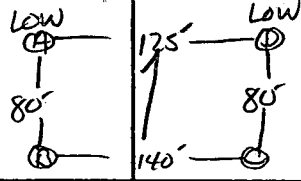
# THIS IS NOT A PERMIT

STEEP WARD CANAL

(B) SOIL PROFILE

4" A1-3  
 Yellow BR- (RED BROWN)  
 SAND LOAM  
 29% CLAY  
 10% FRAGS  
 4" BROWN/TAN  
 SANDS: 11  
 10-15%  
 FRAGMENTS  
 w/ WHITE  
 SAND

SLOPE BEGINS TO EXCEED 25%



High

LOT 25

COUNT ROAD A

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

(A) (D)  
 4" A1-3  
 ORANGE BR  
 SILT LOAM w/  
 30% ROCK  
 LARGE STONES  
 9-12% CLAY  
 4.5" Yellow BR  
 SAND LOAM  
 20-25%  
 FRAGS. w/  
 LARGE  
 STONES

| DATE     | TEST NO. | DEPTH | PRE-WET                                     |       | TEST - 1" DROP |       | TIME  |  |
|----------|----------|-------|---|-------|----------------|-------|-------|--|
|          |          |       | START                                       | STOP  | START          | STOP  |       |  |
| 10/23/86 | B S      | 4"    | 11:33                                       | 11:34 | 11:34          | 11:35 | 1 MIN |  |
|          |          | 8.5"  | 11:32                                       | 11:34 | 11:34          | 11:36 | 2 MIN |  |
|          | B V      | 12"   | UNIFORM SOIL BELOW A1                       |       |                |       |       |  |
|          | A S      | 4"    | 11:43                                       | 11:44 | 11:44          | 11:45 | 1 MIN |  |
|          |          | 11"   | LARGE ROCKS AT BOTTOM - SAME AS B OTHERWISE |       |                |       |       |  |
|          | C V      | 9.5"  | ROCK AT 9.5"                                |       |                |       |       |  |
|          | D S      | 4.5"  | 12:04                                       | 12:05 | 12:05          | 12:06 | 1 MIN |  |
|          |          | 12"   | ROCK AT 1"                                  |       |                |       |       |  |
|          |          |       |   |       |                |       |       |  |
|          |          |       |   |       |                |       |       |  |
|          |          |       |   |       |                |       |       |  |
|          |          |       |   |       |                |       |       |  |
|          |          |       |   |       |                |       |       |  |
|          |          |       |   |       |                |       |       |  |

REMARKS HOLES DIFF THAN PLAT / SHALLOW SYSTEM ONLY

TYPE OF SOIL Glenelg

TESTED BY S. Abel

ALSO PRESENT JAMES NADJE  
 ALLEN BAKER HO

EP 12 1079

(C)

brown/yellow  
 clay to clay  
 loam  
 (some gravel)  
 -4-4 1/2'  
 small area  
 of sandstone  
 loam -6'  
 to brown lighter  
 brown silty  
 mica loam  
 HD 125 (small amt)  
 13'D

| G | DEPTH | START                              | STOP | START | STOP | START   | STOP           |
|---|-------|------------------------------------|------|-------|------|---------|----------------|
|   | 4'    | 142                                | 212  | TRIED | 255  | ANOTHER | HOLE SAME DEPT |
|   | 8'    | 142                                | 144  | 144   | 147  | 3 MIN   |                |
|   | 13'D  | bottom (trace of H <sub>2</sub> O) |      |       |      |         |                |
|   | Σ     | VISUAL 2-3 MIN TIME                |      |       |      |         |                |
|   | 13'D  | NO H <sub>2</sub> O                |      |       |      |         |                |

Note Hole G could be  
 shelved down to  
 pass but still is  
 question of H<sub>2</sub>O  
 table

F

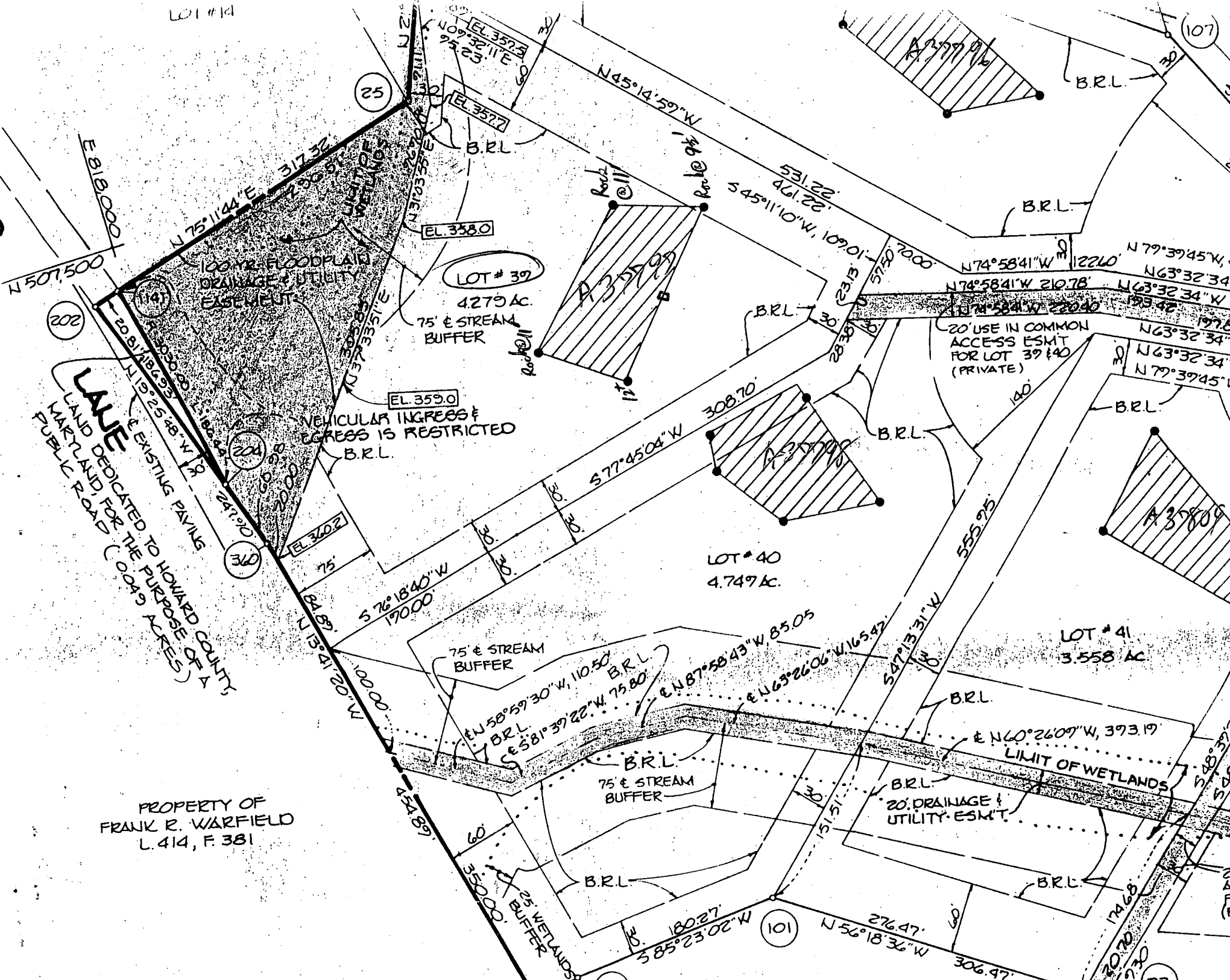
cherty gravelly  
 gritty clay/sand  
 loam -4 1/2'  
 gritty brown  
 sandy loam  
 mix w/ small  
 frags -7 1/2'  
 all hard bottom

9'D

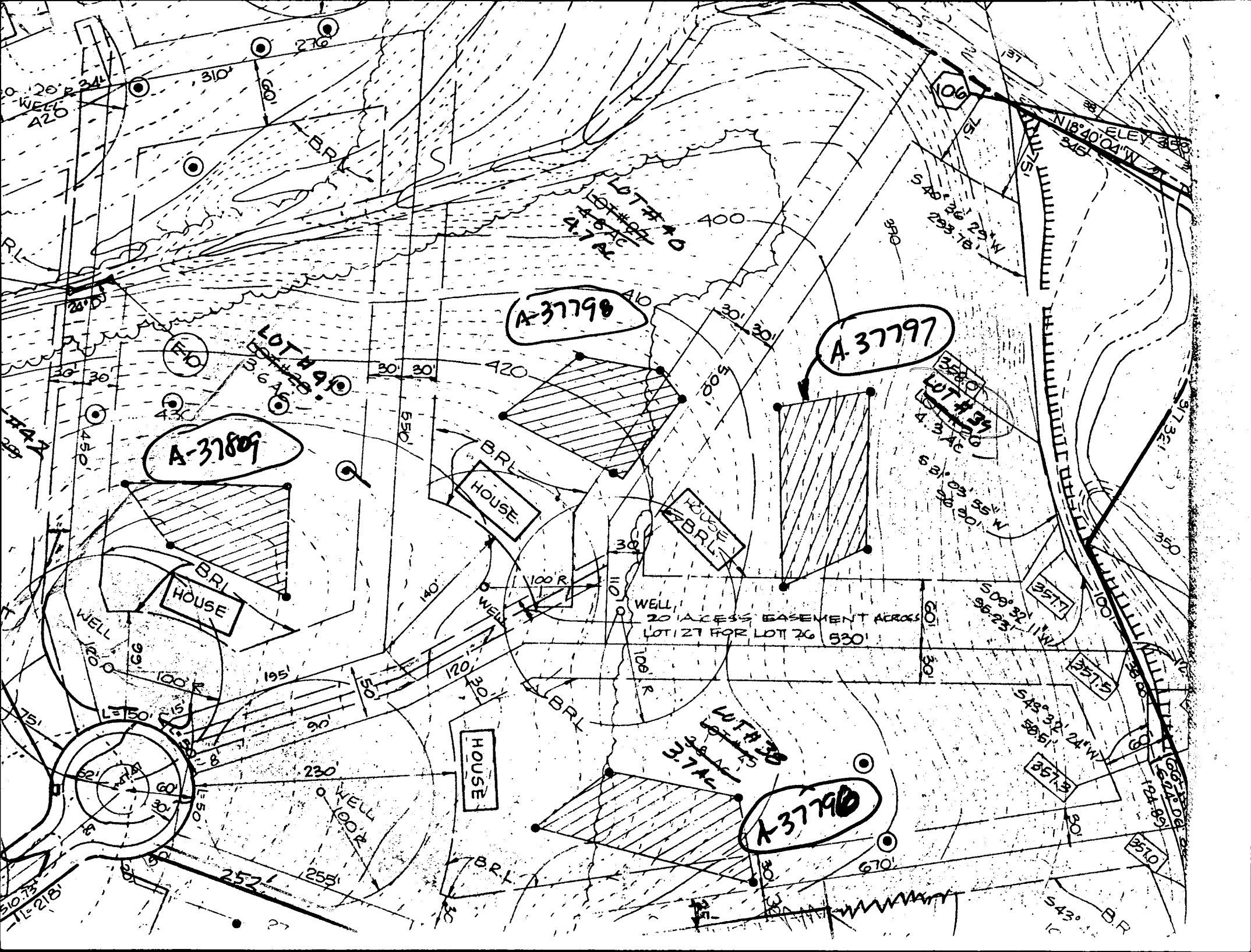
H

red/brown mix  
 silty lumpy  
 clay loam  
 -3 1/2'  
 brown to tan  
 brown silty  
 mica loam

12'D



PROPERTY OF  
FRANK R. WARFIELD  
L. 414, F. 381



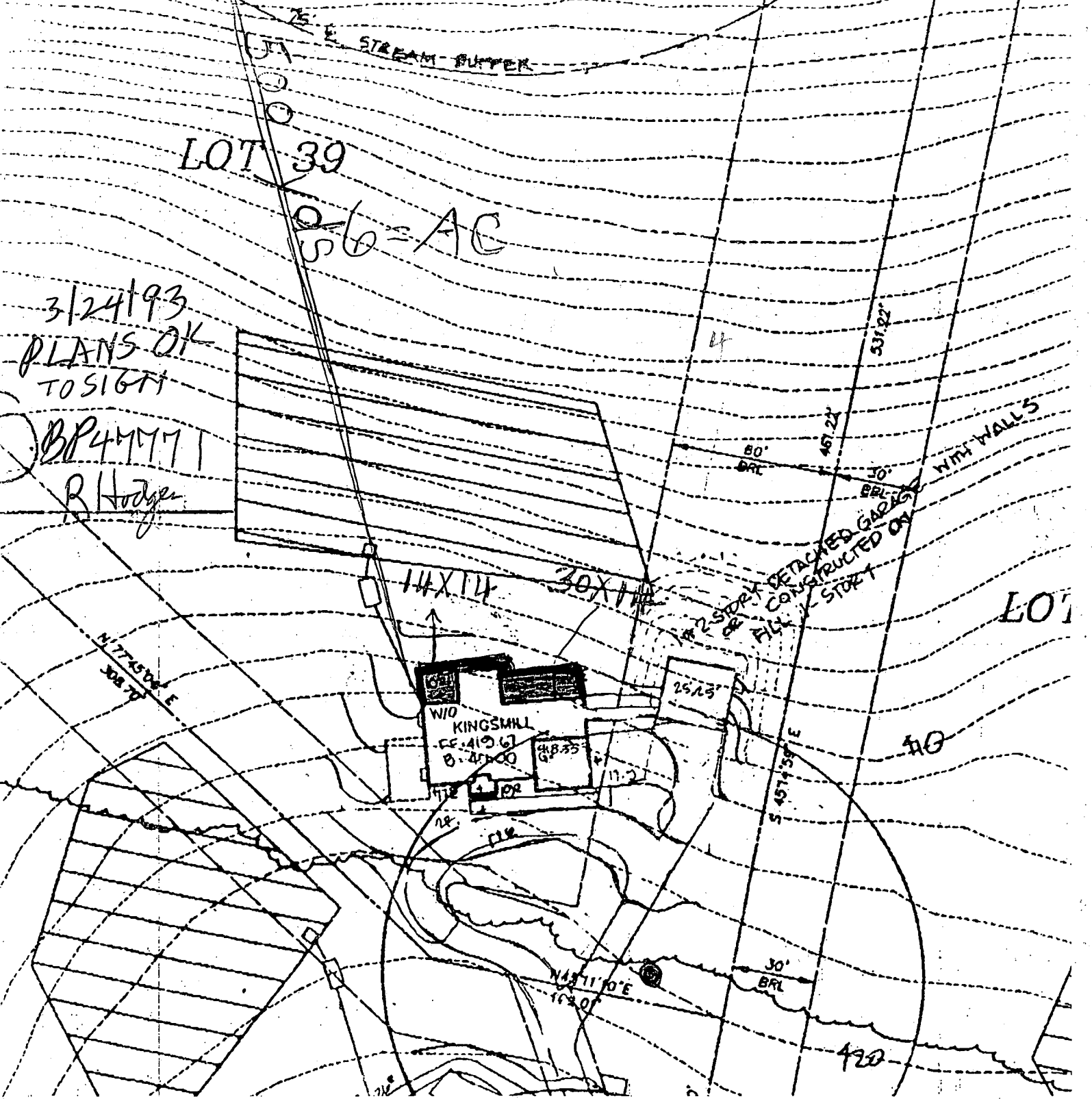
39

MI TO KM EB

W/1 (HOLD)  
FOR

OWNER

ST ELEV.



LOT 39

0.6 = AC

3/24/93  
PLANS OK  
TO SIGHT

BP 4MMT  
R. Hodge

14x14

30x14

2-STORY DETACHED GARAGE  
CONSTRUCTED ON  
FILL & 1-STORY

WITH WALLS

W/O KINGSMILL

FF. 410.67  
B. 45000  
G. 8.55

25x15

S 497.59' E

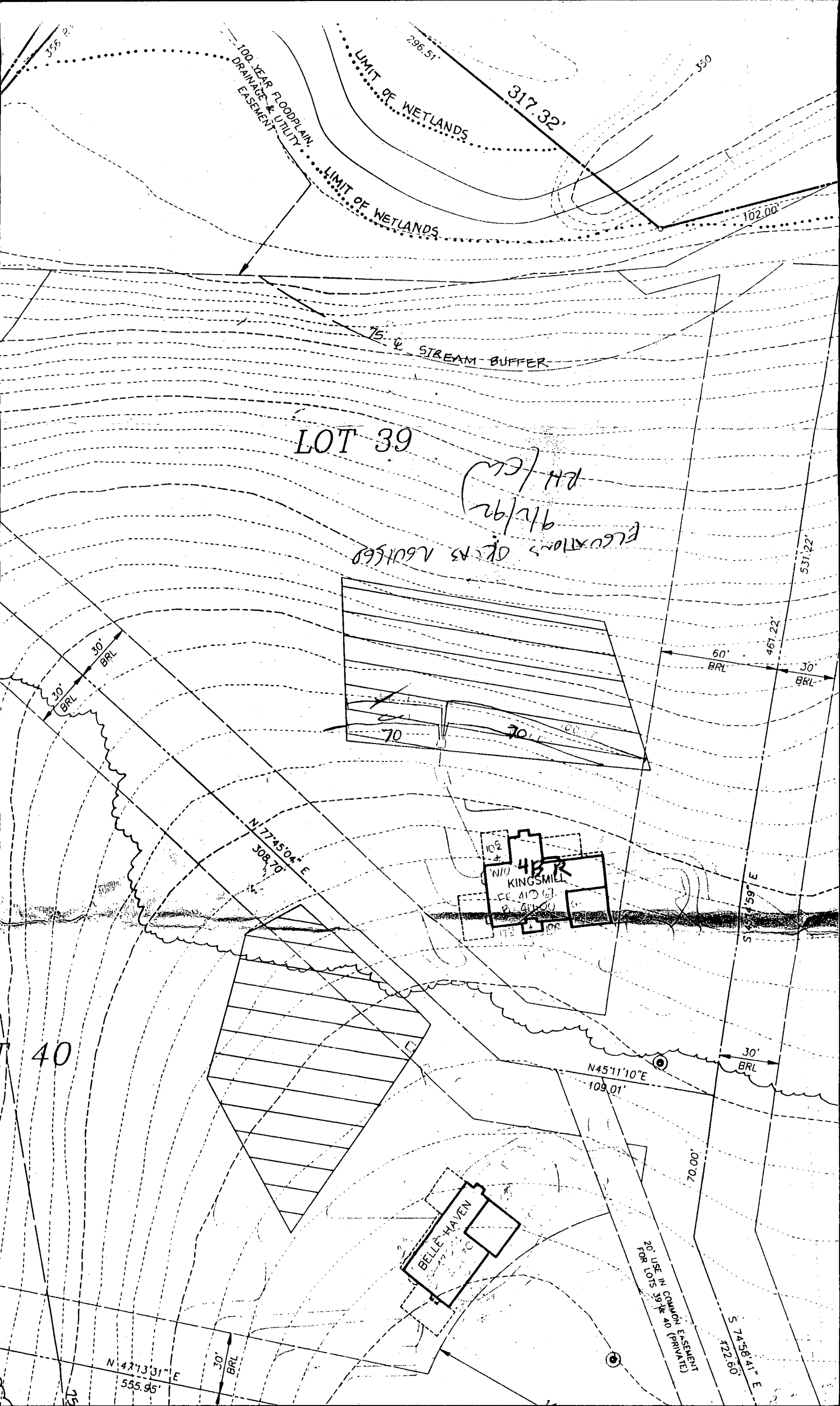
30' BR

N 45° 10' E  
163.07

LOT

40

420



100-YEAR FLOODPLAIN  
DRAINAGE & UTILITY  
EASEMENT

LIMIT OF WETLANDS

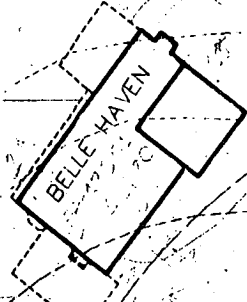
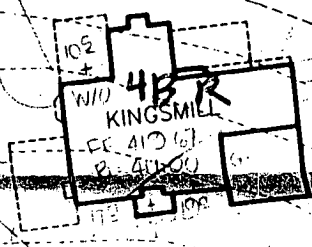
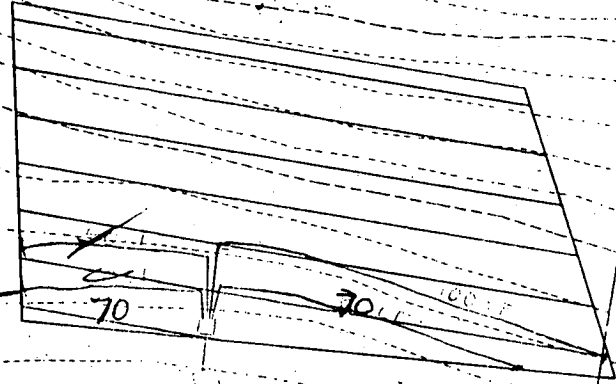
LIMIT OF WETLANDS

75' ± STREAM BUFFER

LOT 39

RM/CL  
9/12/92

ELEVATIONS OF AS NOTED



40

N 47°13'31" E  
555.95'

30' BRL

N 77°45'04" E  
308.70'

N 45°11'10" E  
109.01'

70.00'

20' USE IN COMMON (PRIVATE)  
EASEMENT

S 74°58'41" E  
422.60'

S 15°45'59" E

60' BRL

461.22'

30' BRL

531.22'

102.00'

317.32'

296.51'

350

356.2'

B 1 00477

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HD-92-0141

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

please print or type

fill in this form completely

Date Received (APA)

072092

OWNER INFORMATION

NV HOMES

15 Last Name 8 Owner 34 First Name

15215 SHADY GROVE RD

36 Street or RFD 55

ROCKVILLE MD 20850

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

AUSTIN GARBER 144

Driller's Name 77 License No. 80

KEYSER-GARVER WELL DRILLING INC

9125-B BETHEL RD. FREDERICK, MD 21702

Address Austin Garver 7/17/92

Signature Date

B 3

LOCATION OF WELL

HOWARD

8 COUNTY 21 CLEARVIEW ESTATES

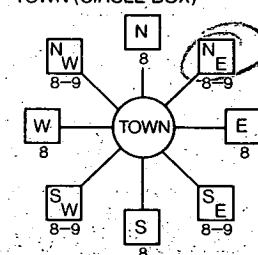
23 SUBDIVISION 42 SECTION 44 46 LOT 39 48 50

CLARKSVILLE 52 NEAREST TOWN 71

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

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



~~DUSK VIEW CT.~~ NEAR WHAT ROAD 30

Broad Meadow Ln NORTH ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST SOUTH

34 200 37 DISTANCE FROM ROAD

ENTER FT or MI FT 38 39

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 2

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)
[ ] 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 37797 COUNTY NAME COUNTY NO.

STATE SIGNATURE DATE ISSUED INSERT S

080792 Mark E. Kilkin 2/2/93

507000 EAST GRID 0819000

APPROXIMATE DEPTH OF WELL 400 FEET

APPROXIMATE DIAMETER OF WELL 4.6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary Drive-POINT
other

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
[ ] 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)

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

APPROX. PERMIT NUMBER GAP

FORCE MD PERMIT No. HD-92-0141

SPECIAL CONDITIONS

Handwritten notes: SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X. SOURCES OF DRILLING WATER: 1 WELL. WRITE THE BOX NUMBER FROM THE MAP HERE. 8/28/92 U. AMT. 10' CASING 2' CASING A.G. LOC OK 8/28/92 TAG OK MR.

