

6/24 12-1 CO

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# INDEXED

P 56979A

A 49285

DISTRICT 5th

DATE 6-12-96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

05-419506

DATE SYSTEM APPROVED 6/24/96

INSPECTOR M. Ripkin

Jack Fyock Septic Service,

IS PERMITTED TO INSTALL  ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, MD 21737

PHONE 988-9270

SUBDIVISION Bucks Haven Manor

LOT 4

ROAD 7416 Bucks Haven Lane

PROPERTY OWNER

Cornerstone Homes, Inc. James H. Bond

ADDRESS

**BUILDING PERMIT SIGNED**

SEPTIC TANK CAPACITY 1250 GALLONS

**AND RETURNED**

NUMBER OF BEDROOMS 4

9/15/05 BOD 156033 - FINISH GARAGE

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 130 feet down the right (307') lot line and 10 feet off that same lot line as seen from Bucks Haven Lane. Run trenches on contour towards rear (195') lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 5/17/96 OK AW

PLANS APPROVED BY Glen Savage

DATE 05/08/96

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

BLDG. PERMIT SIGNED

**AND RETURNED**

9-18-97  
Serial # D77107935

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. detached garage

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

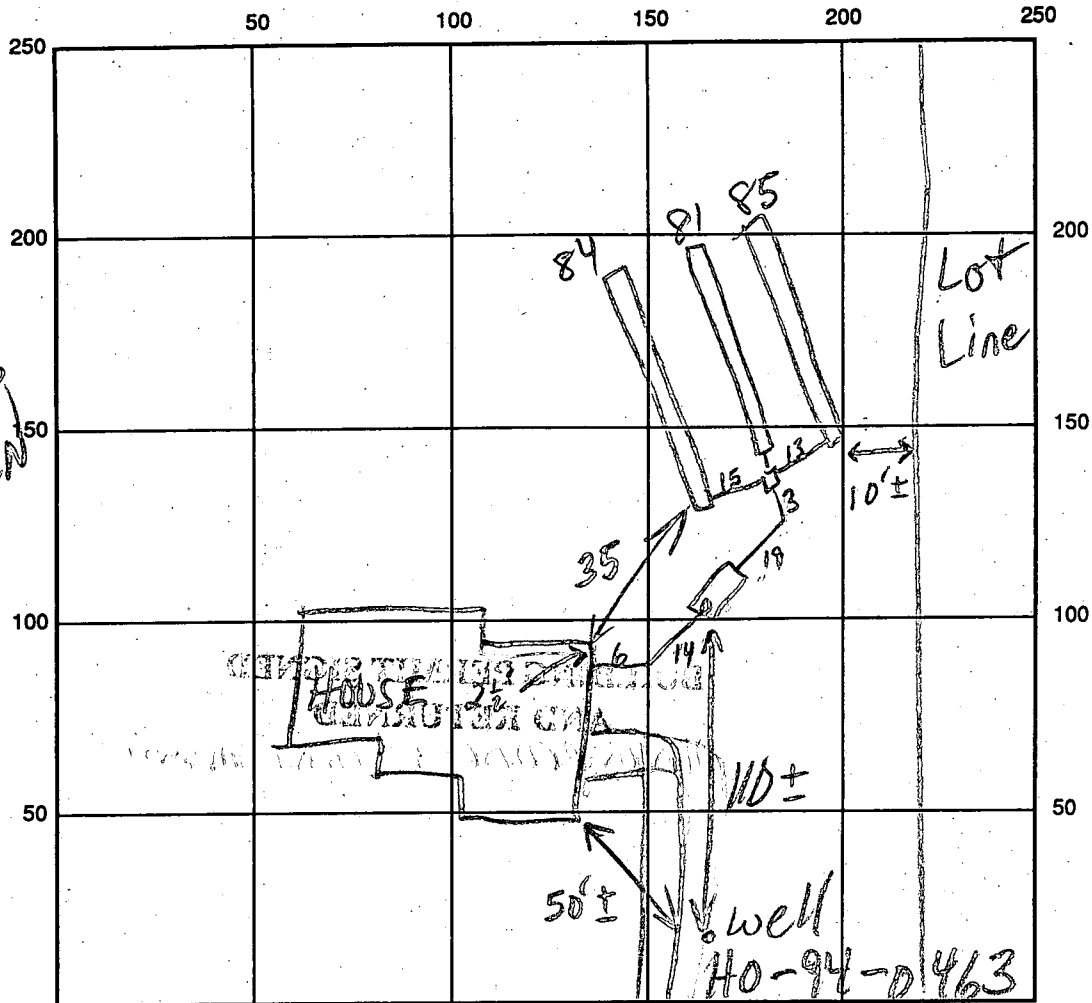
**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 49285

BUCKS HAVEN CT



BUCKS HAVEN LA INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 GAL - OK CLEANOUTS OK  
 DISTRIBUTION BOX LEVEL OK - BAFFLE IN  
 DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 084 @ 81 @ 85 FT.  
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 0252 @ 243 @ 255 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA 750 SQ. FT.

REMARKS: 6/24/96 OK TO COVER ALL MR

7/9/96 spoke w/ Mr. Connors - well line OK to be covered w/o  
 DATE SYSTEM APPROVED 6/24/96 INSPECTOR M. Rittin inspection work done ~ 6/24/96. OKS

# APPLICATION

PERCOLATION TESTING

A 49285

P \_\_\_\_\_

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

DISTRICT Fifth

DATE MAY 26 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 CATHERINE CUNNINGHAM CORNERSTONE HOMES, INC

ADDRESS 12459 SCAGGSVILLE ROAD PHONE 531-5991

AGENT OR PROSPECTIVE BUYER SAME AS ABOVE

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION CHALLENGER PROPERTY LOT NO. A Prelim plat final lot 4

ROAD AND DESCRIPTION 1400'± NORTHWEST FROM INTERSECTION OF BROWN'S BRIDGE ROAD AND MARYLAND ROUTE 216  
(7416 Bucks HAVEN LANE)

TAX MAP 40 PARCEL # 138

BLDG. PERMIT SIGNED  
AND RETURNED 5/8/96  
Serial # 64756-4Bm

SIZE OF LOT 42,000 SQ. FT. TYPE BLDG. SINGLE FAMILY  
(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.

(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING 6/16/93 PERC OK HOLD FOR PLAT R/H

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

49285

COUNTY #

Lot 4

Lot 4

Lot New 5

ON LINE SOIL PROFILE (1)

ON LINE SOIL PROFILE (4)

0' TOPSOIL CLAY

3' LIGHT BROWN SAND LOAM

1 1/2' OFF LINE (2)

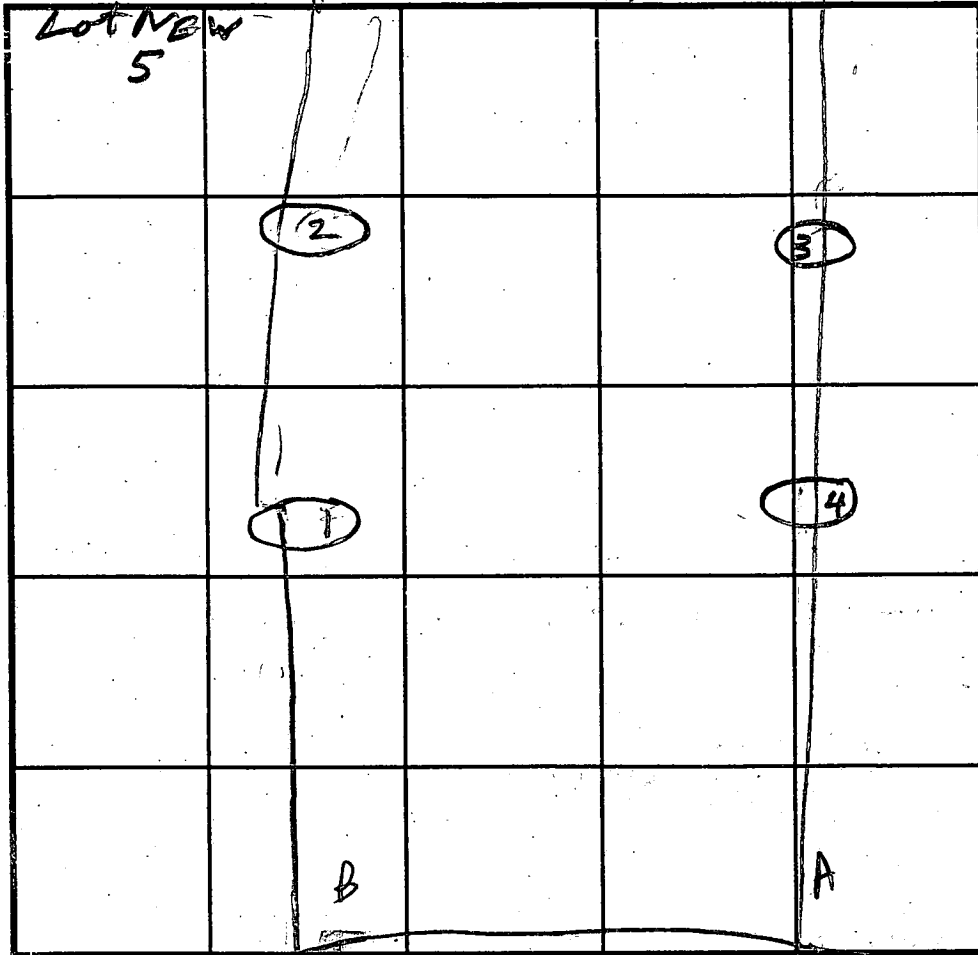
0' TOPSOIL CLAY

3' LIGHT BROWN SAND LOAM

0' TOPSOIL CLAY

4' DULL BROWN SAND LOAM

11'



HOLE ELEVATION

(3)(4) = HIGH

(1)(2) = LOW

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RD

1 1/2' ON LINE (3)

2' TOPSOIL CLAY

DULL BROWN SAND LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/16/93	1S 1V	4 1 1/2	138 OK	139	139	140	1
	2V	1 1/2	OK				
	3D 3S	5 3	147 142	149 149	149 144	152 151	3 2
	3V	9	OK	SHALLOW			
	4S 4V	6 11	154 OK	155	155	158	3
5/20/94	607 A	vll 4					17m
	606 B						

ON LINE LOCATIONS OLD 4

REMARKS: Pore Holes dug different from Test Plot BGT

TYPE OF SOIL: Lot Lines Not changed NEW TEST PLAN SUBMITTED 6/16/93

TESTED BY: \_\_\_\_\_ ALSO PRESENT: \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 min TRENCH WIDTH 3

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM: \_\_\_\_\_

TWO ON LINE HOLES USED FOR NEW 5 & 2 USED FOR OLD 3

9 HARD BGT



C1 2993

SEQUENCE NO. (MDE 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

A49285

ST/CO USE ONLY

DATE RECEIVED

DATE WELL COMPLETED

060795

Depth of Well

185

PERMIT NO. FROM "PERMIT TO DRILL WELL"

40-94-0463

OWNER Bucks Haven Farm
STREET OR RFD Bucks Haven Lane
SUBDIVISION Bucks Haven Manor SECTION Highland TOWN Highland LOT 4

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, TO), check if water bearing. Rows include Top Soil, Sandy, Sand Stone, MICKA, Sand Stone, MICKA.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle appropriate box)
TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM), BENTONITE CLAY (BC)
NO. OF BAGS 18 NO. OF POUNDS 1800
GALLONS OF WATER 108
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 40 ft.

CASING RECORD

MAIN CASING TYPE PL
Nominal diameter top (main) casing (nearest inch) 6
Total depth of main casing (nearest foot) 58

OTHER CASING (if used)

SCREEN RECORD
screen type or open hole HO
insert appropriate code below

SLOT SIZE 1 2 3
DIAMETER OF SCREEN 56 60

DEPTH (nearest ft.)
HO 56 185

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
TELESCOPE CASING LOG INDICATOR OTHER DATA

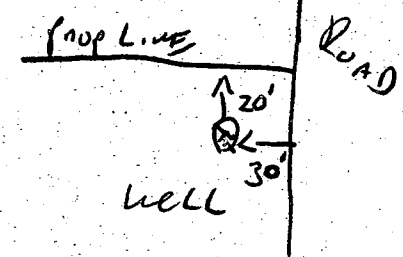
PUMPING TEST

HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min.) 10
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface) BEFORE PUMPING 24 ft. WHEN PUMPING 60 ft.
TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES (NO)
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height) (+) above, (-) below LAND SURFACE 2 ft. (nearest foot)

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)



NUMBER OF UNSUCCESSFUL WELLS:
WELL HYDROFRACTURED YES (Y) NO (N)

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 26.04.04 "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.

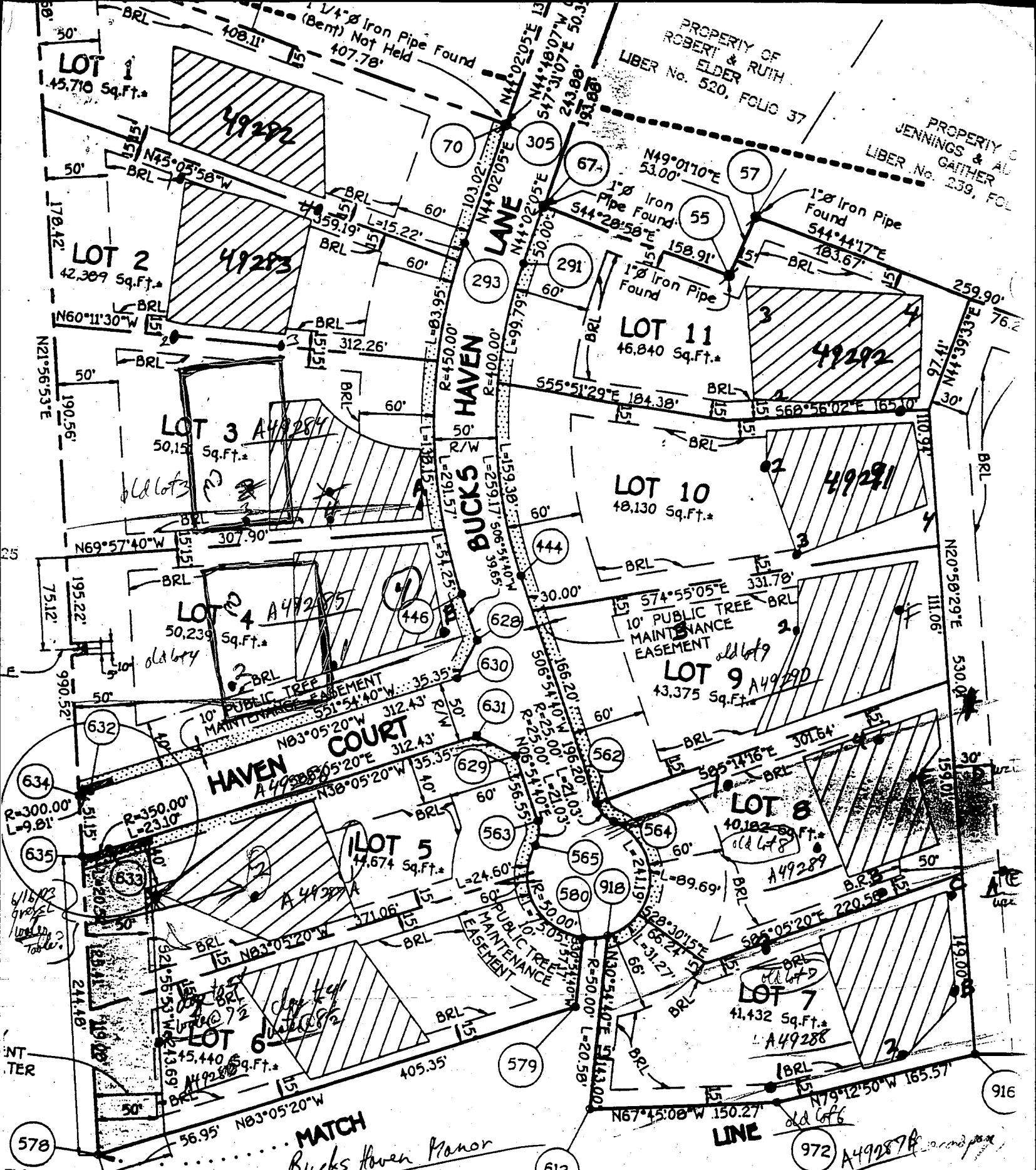
TYPE: MWD/MSD/MGD 117

DRILLERS LIC. NO. 117

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 116

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



PROPERTY OF  
ROBERT & RUTH  
ELDER  
LIBER No. 520, FOLIO 37

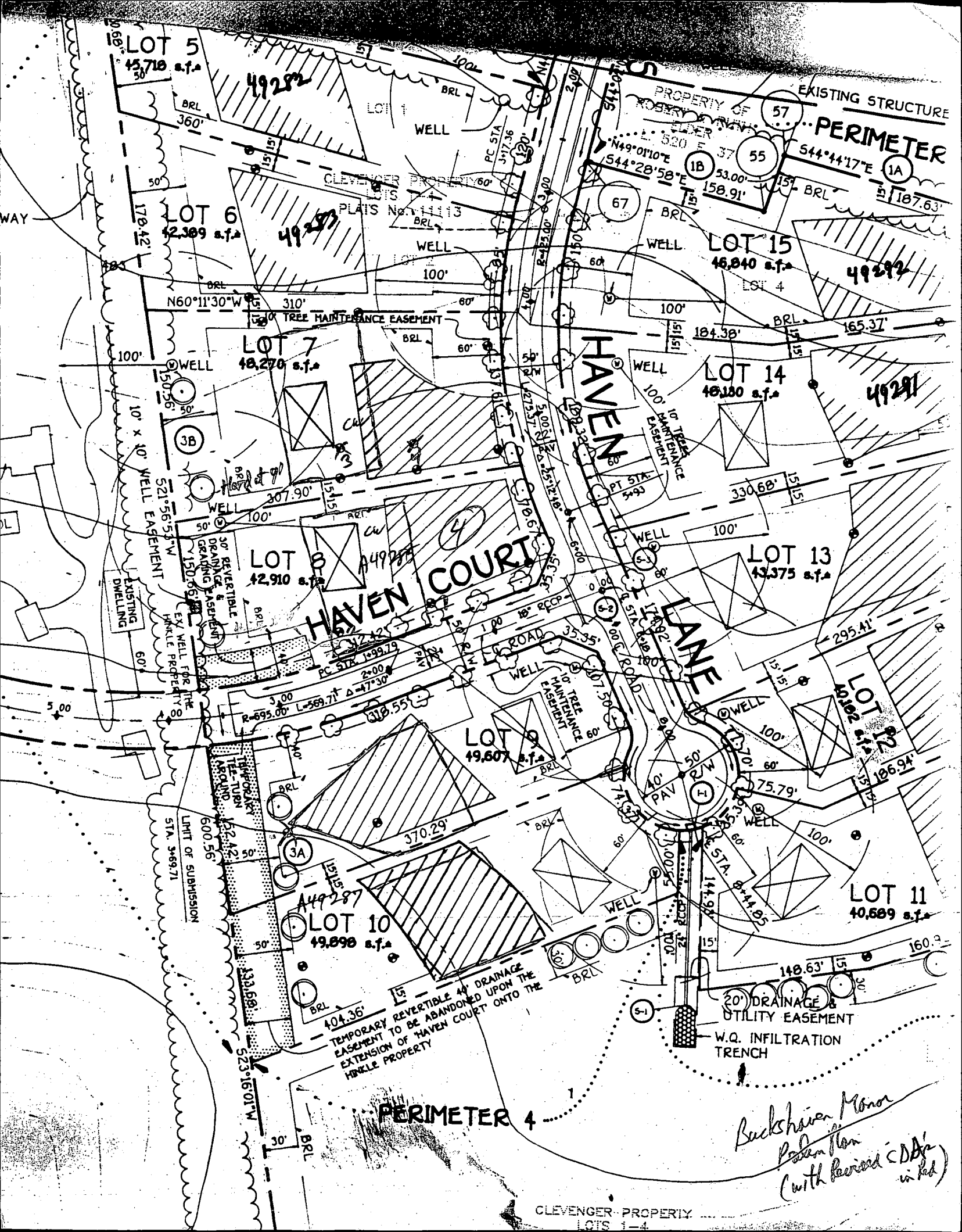
PROPERTY OF  
JENNINGS & AL  
GATHER  
LIBER No. 239, FOLIO

**MATCH**  
Bucks Haven Manor  
Copy of Final Plat F-95-04  
with correct location of  
original park tests 5/3/95

**OWNER & DEVELOPER**  
MRS. CATHERINE CLEVENGER  
12459 ROUTE 216  
HIGHLAND, MARYLAND 20777  
MR. & MRS. MU SU BAEK  
12515 SCAGGEVIN

**THIS SHEET**  
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S. TO BE RECORDED.  
IN PARCELS TO BE RECORDED.  
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PARCELS TO BE RECORDED.  
D.

11  
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11  
11.446 Aca.  
13.041 Aca.  
24.122



**HAVEN COURT**

**HAVEN LANE**

**PERIMETER 4**

*Buckshoven Manor  
 Palmetto  
 (with Revised CDA's in Red)*



TRENCH Length to be determined at time of septic installation. 9/10/97

GRADING PLAN / PLOT PLAN

# BUCKS HAVEN MANC

LOT 4

BUCKS HAVEN LANE

front of proposed garage 31' to septic tank 80. - OK to sign **(DKS)**

TAX MAP NO. 40 PARCEL 138

PLAT NO. 11620

5TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND

SCALE: 1" = 50'

DATE: FEB 10, 1995

Approved Septic System  
Howard County Health Department

Signature

Date

HAVEN COURT

LOT 3

DARTMOUTH  
FF - 450  
B - 441  
GARAGE

FF - 460  
B - 451

EXISTING ELEV 454.8

INV OUT 451

INV IN 452.0

INV OUT 452.4

24424

INV Box 2

443.8

444.3

444.8

445.3

445.8

446.3

446.8

447.3

447.8

448.3

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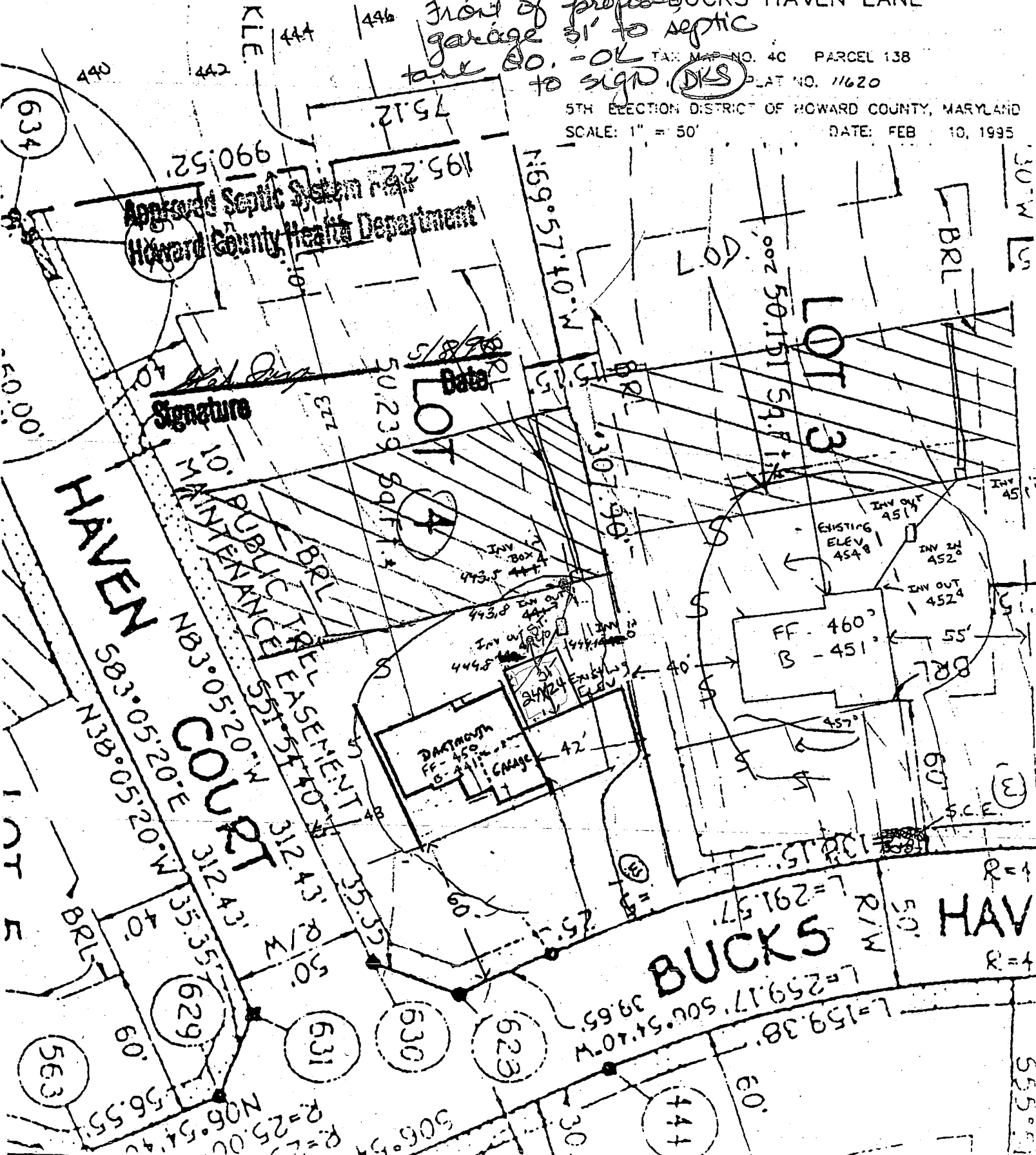
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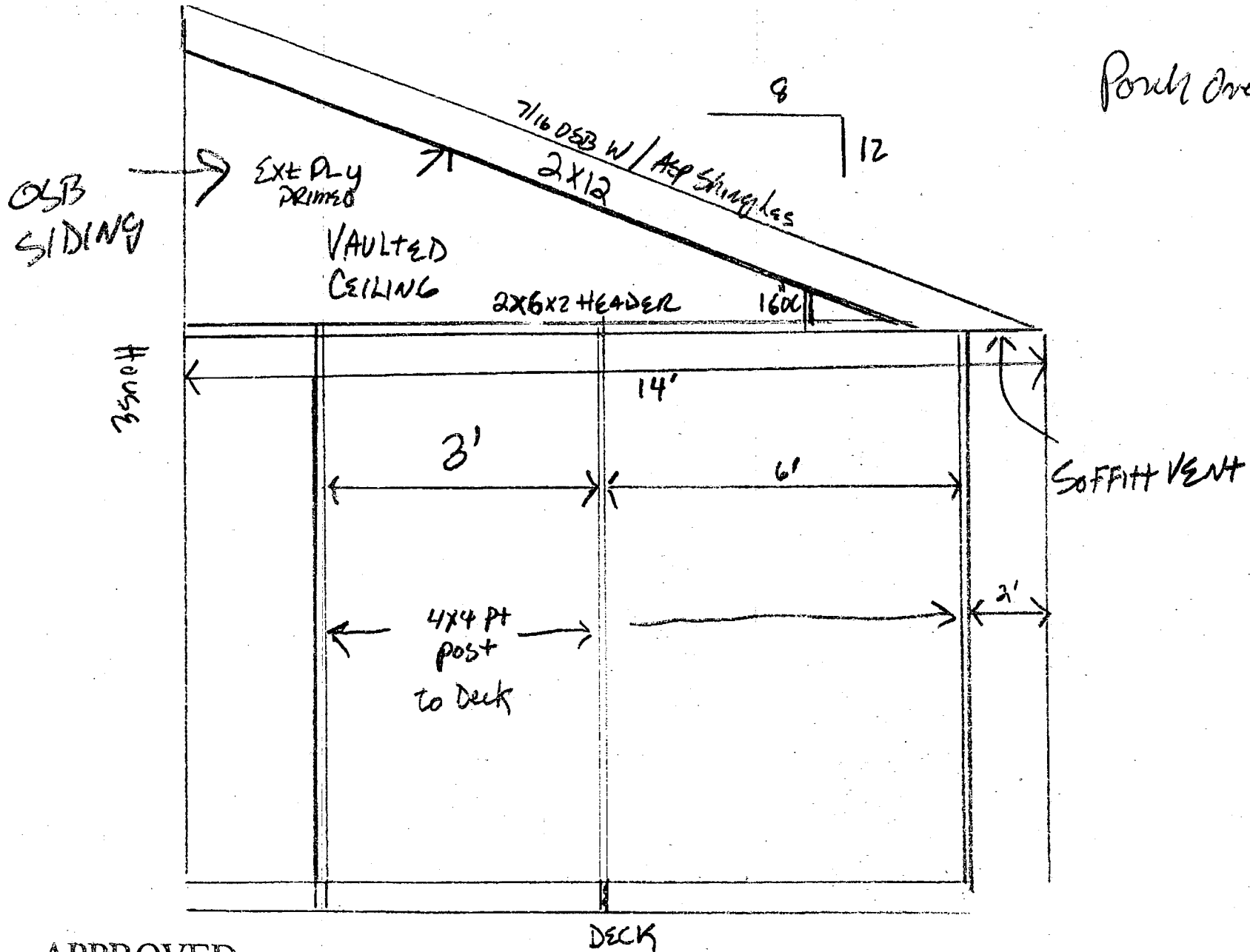
453.3

453.8

454.3



Porch Overhang



APPROVED

DECK

WALK-THRU BUILDING PERMIT

BP# 600156033 A# 49285

APP. SAN PAY DATE: 9/15/05

DESC. OF WORK: overhang on deck

L SIDE