

05-380-278  
File

8/288 Need house  
Connection DEN

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

## INDEXED

P 42263

A 24328

DISTRICT 5th

DATE 8/3/88

DATE SYSTEM APPROVED 11-29-88

INSPECTOR C.B.D.

Gregs Excavation

IS PERMITTED TO INSTALL  ALTER

ADDRESS 4229 Cherry Valley Drive, Olney, Maryland 20832 PHONE 924-5944

SUBDIVISION Green Hill Manor ROAD 13486 Villa d'est Drive LOT 14, Section 4

PROPERTY OWNER Clifton Bedrock  
Kerwin Miller Comm. 924-5944 596-0881 (Doug)

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 244 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide.  
Inlet 3.5 feet below original grade. Bottom maximum depth 8 feet below original  
grade. Effective area begins at 3.5 feet below original grade. 4.5 feet of  
stone below distribution pipe.

LOCATION - Place the first trench 75 feet up the left lot line and 35 feet off the same lot  
line as seen when facing the lot from Villa d'est Drive. Run trenches on contour  
toward the right lot line.

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

*OK/SA*

PLANS APPROVED BY Sid Abel DATE 5/10/88

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(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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.

ENG. PERMIT SIGNED  
AND RETURNED 10/11/90  
Serial # 35010

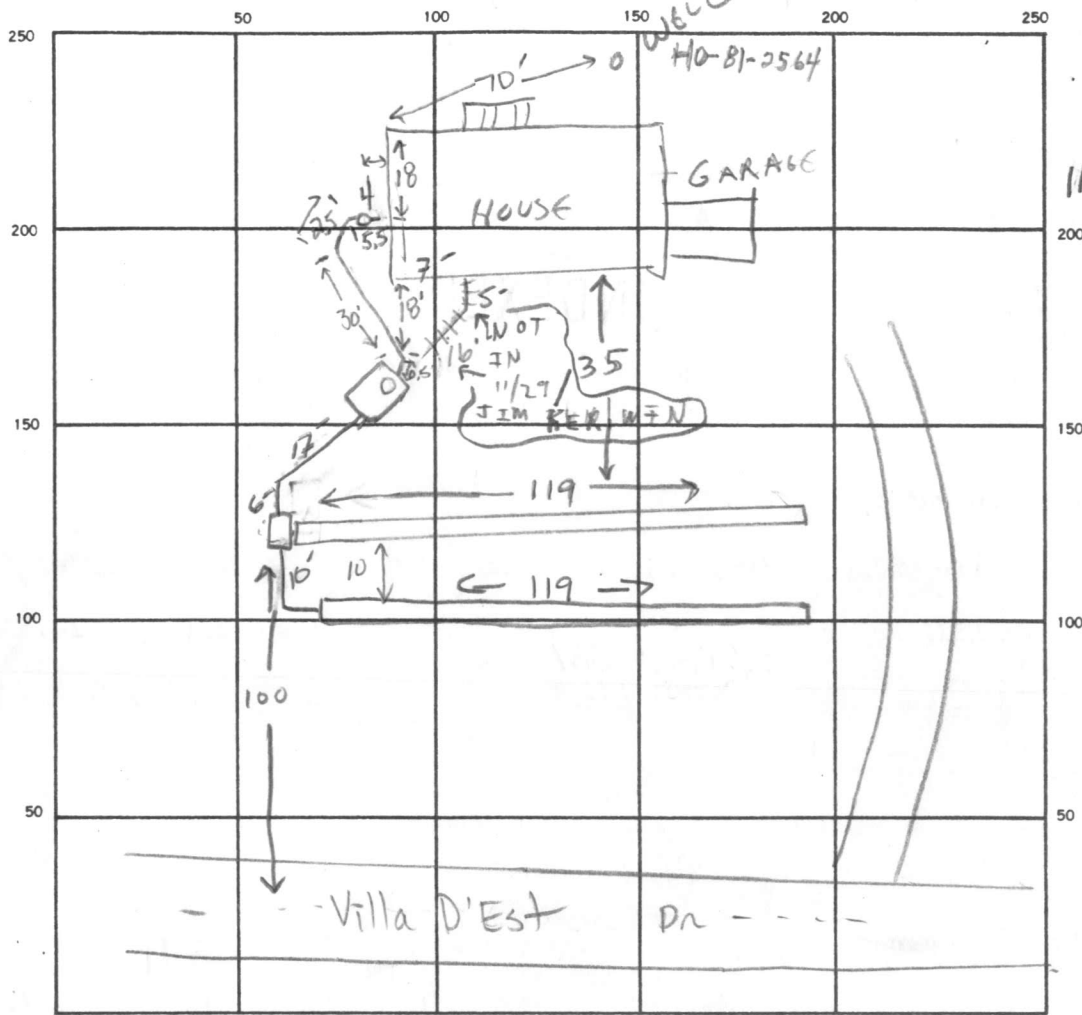
**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

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

EH - 2-1186

A 24328

8-488  
12:00 AM  
8-5-88  
11-29-88  
8-11-88  
8-12-88  
AM



Well cap needed at WPI.  
 11-28-88 Well cap ok JEN  
 8-29-88  
 2.4  
 11.6  
 5.8  
 6.9  
 1.4  
 23.8  
 4.5  
 119.0  
 352  
 1071.0

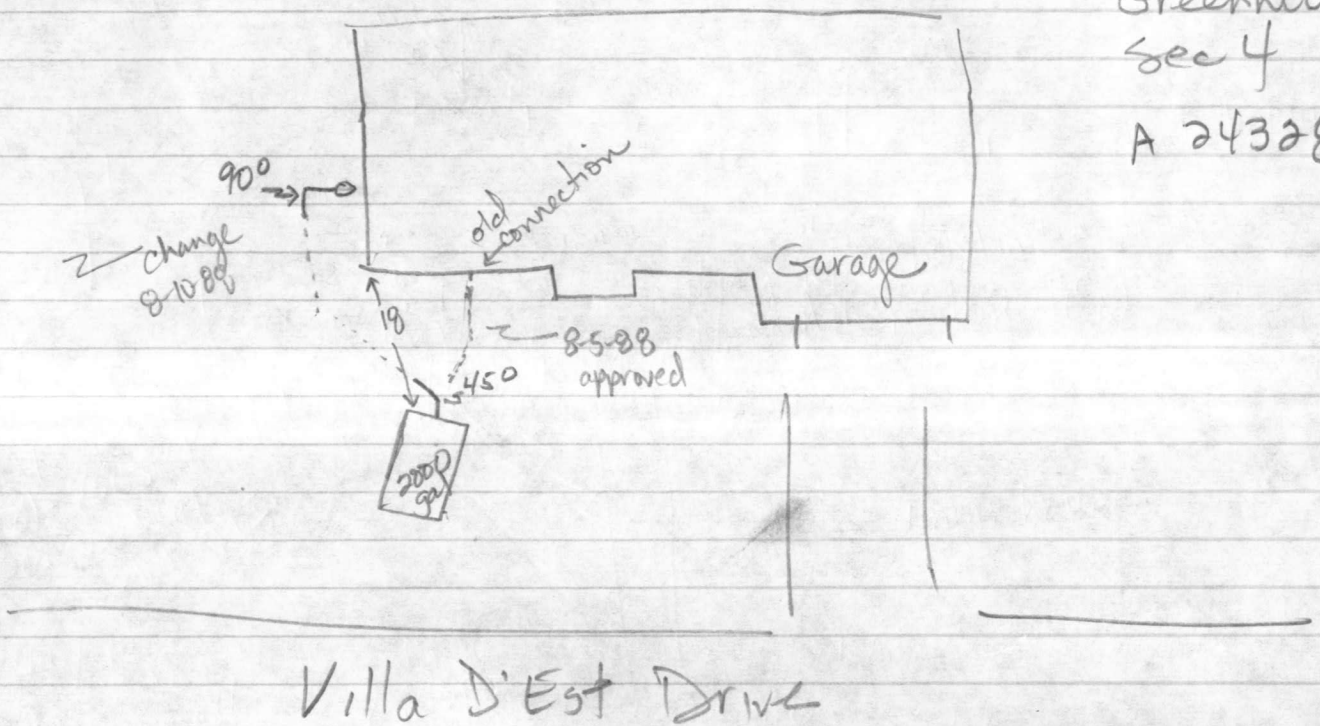
INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK. LEVEL ✓ 2000 GAL CLEANOUTS ok ✓ 1 near house / 1 on S-Tank 8-10-88 No cleanout on ST JEN  
 DISTRIBUTION BOX. LEVEL ok, w/ baffle (cut off inlet pipe 1 inch. ok 8-12-88) JEN  
 DRAIN FIELD/TILE FIELD. DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.5 FT.  
 EFFECTIVE GRAVEL DEPTH 4.5 FT. TOTAL LENGTH 119 119 FT. 238 TLF  
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 1071 SQ. FT.  
 DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA 1071 SQ. FT.

REMARKS 1 Trench 119' OK TO ADD GRAVEL 8/4/88 cover  
8-5-88 OK TO COVER ALL WORK / HOUSE CONNECTION - SEWERING CHANGED AFTER COMPLETION.  
8-10-88 Change was made today w/ 90° bend in line from tank to house. Must change and add c/o if 45° bends used. Leave open for inspection. JEN  
8-11-88 cut off inlet to dist box. Add c/o to septic tank. JEN  
8-12-88 ok to cover dist box and septic tank. Need house connection

11-28-88 All work was covered JEN 11/29/88 Water test - appearing ok. JEN  
 DATE SYSTEM APPROVED 11/29/88 INSPECTOR Charles B. Ryan Street

13486 Villa  
D'Est Dr  
Lot 14  
Greenhill  
Sec 4  
A 24328



Sid Abel inspected & finalized 8-5-88

8-10-88 Change was made w/ 90° bend in line from tank to house. Must change and add cleanouts if 45° bends used. Must leave line open for inspection. Call for final JN.

# APPLICATION

PRELIMINARY

A 24328

4 - 13 ft. holes on  
10,000 sq. ft.

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT 5th

DATE 9/23/76

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 V. L. Vinella

ADDRESS 12631 Circle Drive, Glen Hills, Rockville, Md PHONE (8) 762-3007

PROPERTY LOCATION: Green Hill Manor

SUBDIVISION Green Hill Manor LOT NO. 13 E Sect. 4  
Lot 14 on Final

ROAD AND DESCRIPTION Villad'est Drive

SIZE OF LOT 48,900 sq. ft. TYPE BLDG. 3 or 4  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ V. L. Vinella

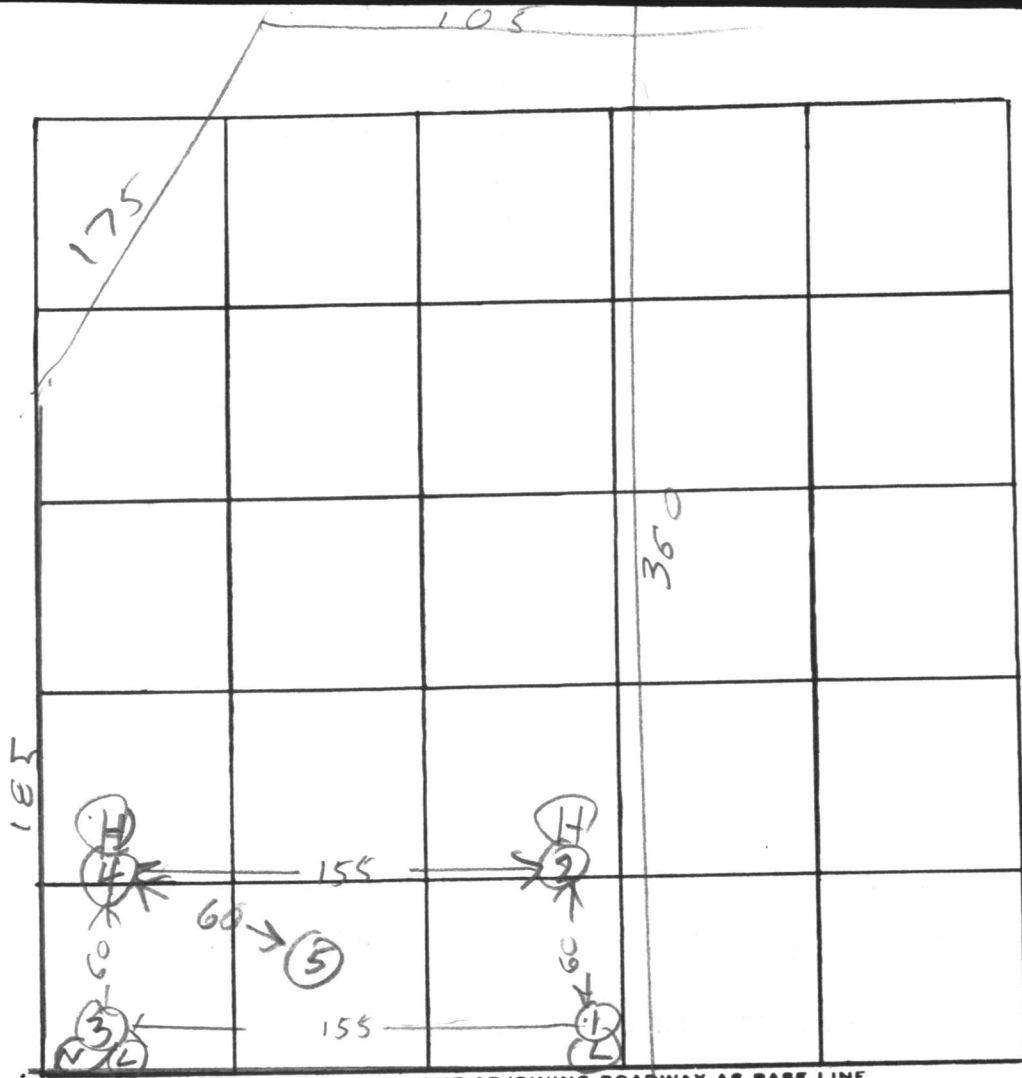
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT



VILLAGE DR

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/23/76	1 S	4 1/2	1034	1036	1037	1039	2
6/23/76	1 D	12	1034	1037	1037	1045	8
	2 V	12	TOP 1307	3 FT 1077	CLAY SANDY DRY		
	3 S	5	1049	1050	1050	1053	3
	3 D	12 1/2	1049	1053	1053	1100	8
	4 S	4 1/2	1051	1055	1055	1100	5
	4 D	12 1/2	1056	1101	1101	1109	8
6/23/76	5	17 1/2	TOP 1307	3 FT 8 1/2	CLAY F7 SANDY DRY		

REMARKS per time & max depth 4ft

TYPE OF SOIL \_\_\_\_\_

TESTED BY R.H. ALSO PRESENT: Vanella  
Nimrod Barnes

13 E sect 4

✓ LOT #10 SECT. 5

INV. ELEV. (OUT OF) HOUSE 473.96  
 INV. ELEV. (INTO) SEPTIC TANK 473.63  
 EXIST. ELEV. @ SEPTIC TANK 475.50  
 INV. ELEV. (OUT OF) SEPTIC TANK 473.30  
 INV. ELEV. (INTO) DISTRIBUTION BOX 473.00  
 EXIST. ELEV. @ DISTRIBUTION BOX 476.00  
 INV. ELEV. (OUT OF) DISTRIBUTION BOX 472.67  
 EXIST. ELEV. @ TRENCH 475.80

✓ LOT #10 SECT. 4

INV. ELEV. (OUT OF) HOUSE 476.10  
 INV. ELEV. (INTO) SEPTIC TANK 475.90  
 EXIST. ELEV. @ SEPTIC TANK 481.10  
 INV. ELEV. (OUT OF) SEPTIC TANK 475.00  
 INV. ELEV. (INTO) DISTRIBUTION BOX 474.90  
 EXIST. ELEV. @ DISTRIBUTION BOX 478.20  
 INV. ELEV. (OUT OF) DISTRIBUTION BOX 474.57  
 EXIST. ELEV. @ TRENCH 478.00

MADE BP RAT  
IN UNAPP. Files

✓ LOT #14 SECT. 4

INV. ELEV. (OUT OF) HOUSE 499.43 ✓ *BSMT*  
 INV. ELEV. (INTO) SEPTIC TANK 499.23 ✓  
 EXIST. ELEV. @ SEPTIC TANK ~~504.95~~ 501.00 ✓ *MANHOLE 7*  
 INV. ELEV. (OUT OF) SEPTIC TANK 498.90 ✓ *GRADE*  
 INV. ELEV. (INTO) DISTRIBUTION BOX 496.80 ✓  
 EXIST. ELEV. @ DISTRIBUTION BOX ~~501~~ 497.80 ✓  
 INV. ELEV. (OUT OF) DISTRIBUTION BOX 496.47 ✓  
 EXIST. ELEV. @ TRENCH 499.80 ✓

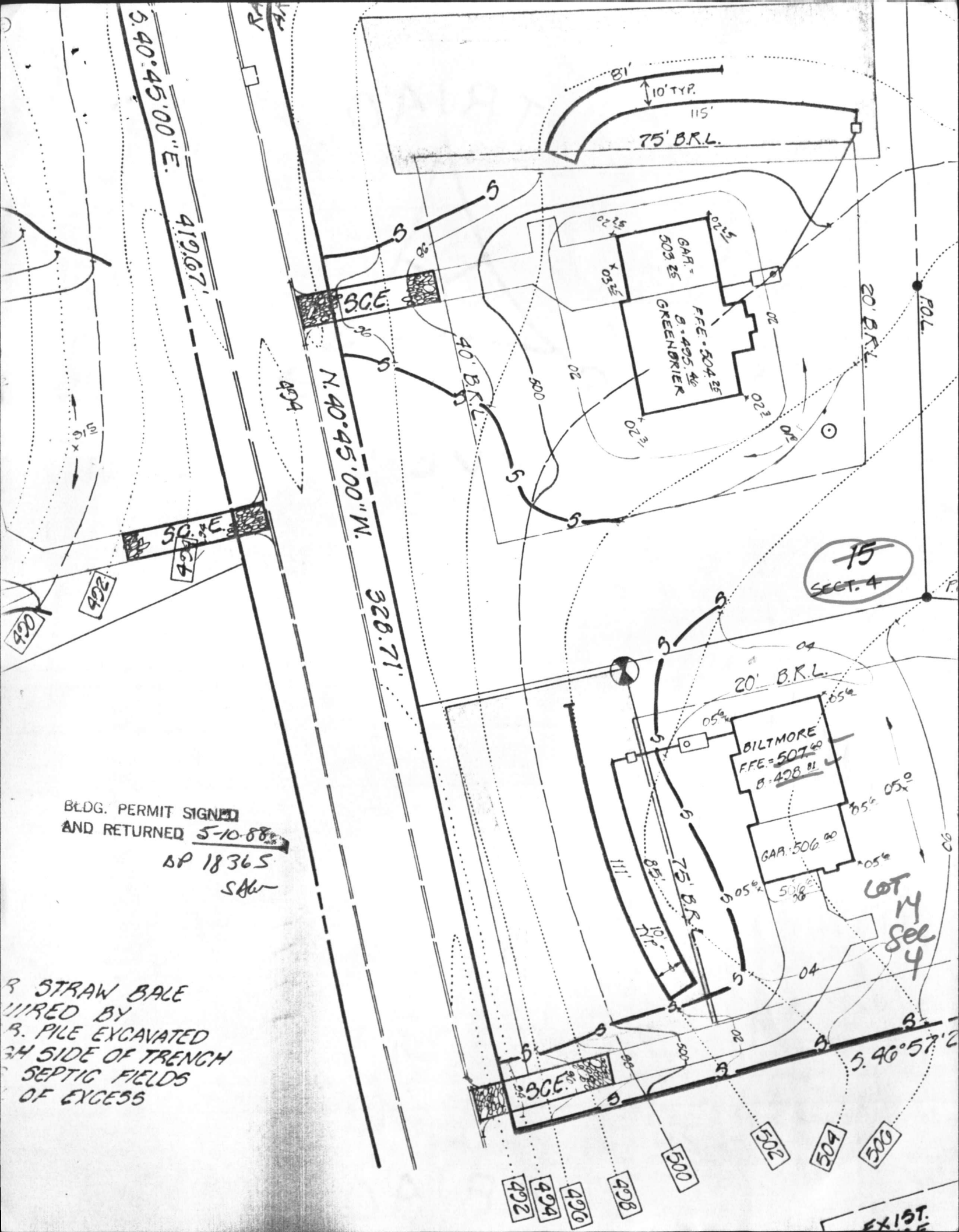
500

14  
SECT. 4

50' B.P.L.

✓ LOT #15 SECT. 4

INV. ELEV. (OUT OF) HOUSE 497.43  
 INV. ELEV. (INTO) SEPTIC TANK 497.23  
 EXIST. ELEV. @ SEPTIC TANK 500.00  
 INV. ELEV. (OUT OF) SEPTIC TANK 496.90  
 INV. ELEV. (INTO) DISTRIBUTION BOX 495.80  
 EXIST. ELEV. @ DISTRIBUTION BOX 498.80  
 INV. ELEV. (OUT OF) DISTRIBUTION BOX 495.47  
 EXIST. ELEV. @ TRENCH 498.30



BLDG. PERMIT SIGNED  
 AND RETURNED 5-10-88  
 DP 18365  
 SAH

R STRAW BALE  
 HIRED BY  
 R. PILE EXCAVATED  
 ON SIDE OF TRENCH  
 SEPTIC FIELDS  
 OF EXCESS

15  
 SECT. 4

LOT 14  
 SEC 4

492  
 494  
 496  
 498  
 500  
 502  
 504  
 506

EXIST.

C1 2170

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A24328

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

DATE RECEIVED

DATE WELL COMPLETED 030388

DEPTH OF WELL 360 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-2564

OWNER MILLER ASSOC. KERWIN
STREET OR RD VILLADIST DRIVE first name TOWN HIGHLAND
SUBDIVISION GREEN HILL MAJOR SECTION 4 LOT 14

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Topsoil, Br. Mica, Tan Mica, Gray Mica, Tan Mica, Gray Mica, White Mica, Gray Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Y)
TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)
NO. OF BAGS 13 NO. OF POUNDS 1300
GALLONS OF WATER 65
DEPTH OF GROUT SEAL (to nearest foot) from 0 to 51 ft.

CASING RECORD casing types insert appropriate code below
MAIN CASING TYPE (ST) Nominal diameter (60) Total depth of main casing (66)

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 (HO) OPEN HOLE (PL) PLASTIC (OT) OTHER

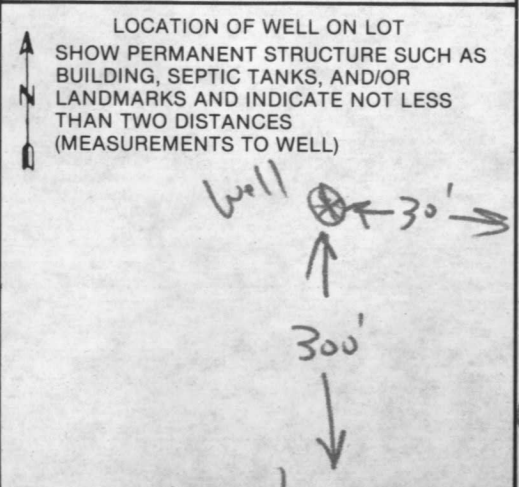
DEPTH (nearest ft.) 64 360
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ (OTHER DATA)

PUMPING TEST C 3
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 10
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface) BEFORE PUMPING 68 WHEN PUMPING 136
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 EXCEPT HOME USE
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 LAND SURFACE - below (nearest foot)



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

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT  
ELICOTT CITY MD

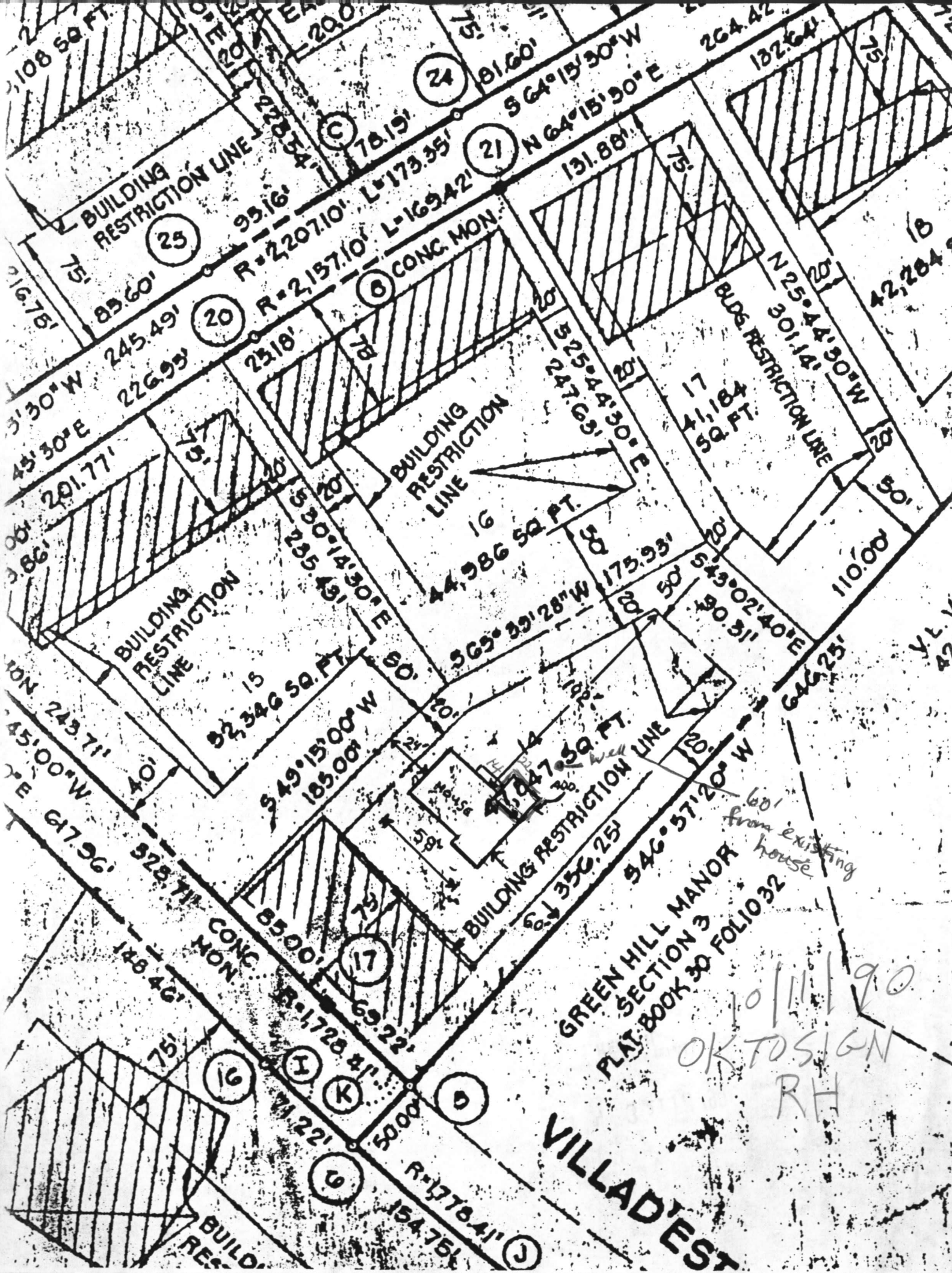
APR 13 8 11 AM '88

Topsoil 0.5  
B. M. 2 22  
To Home 22.10  
Grand Home 20.10  
Tom Home 10.10  
Cip Home 10.210  
White Home 810.210  
Griffin 210.310

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT  
APR 13 4 00 PM '88  
VISIT OF  
ENVIRONMENTAL  
HEALTH

300  
↑  
↓

Handwritten signature

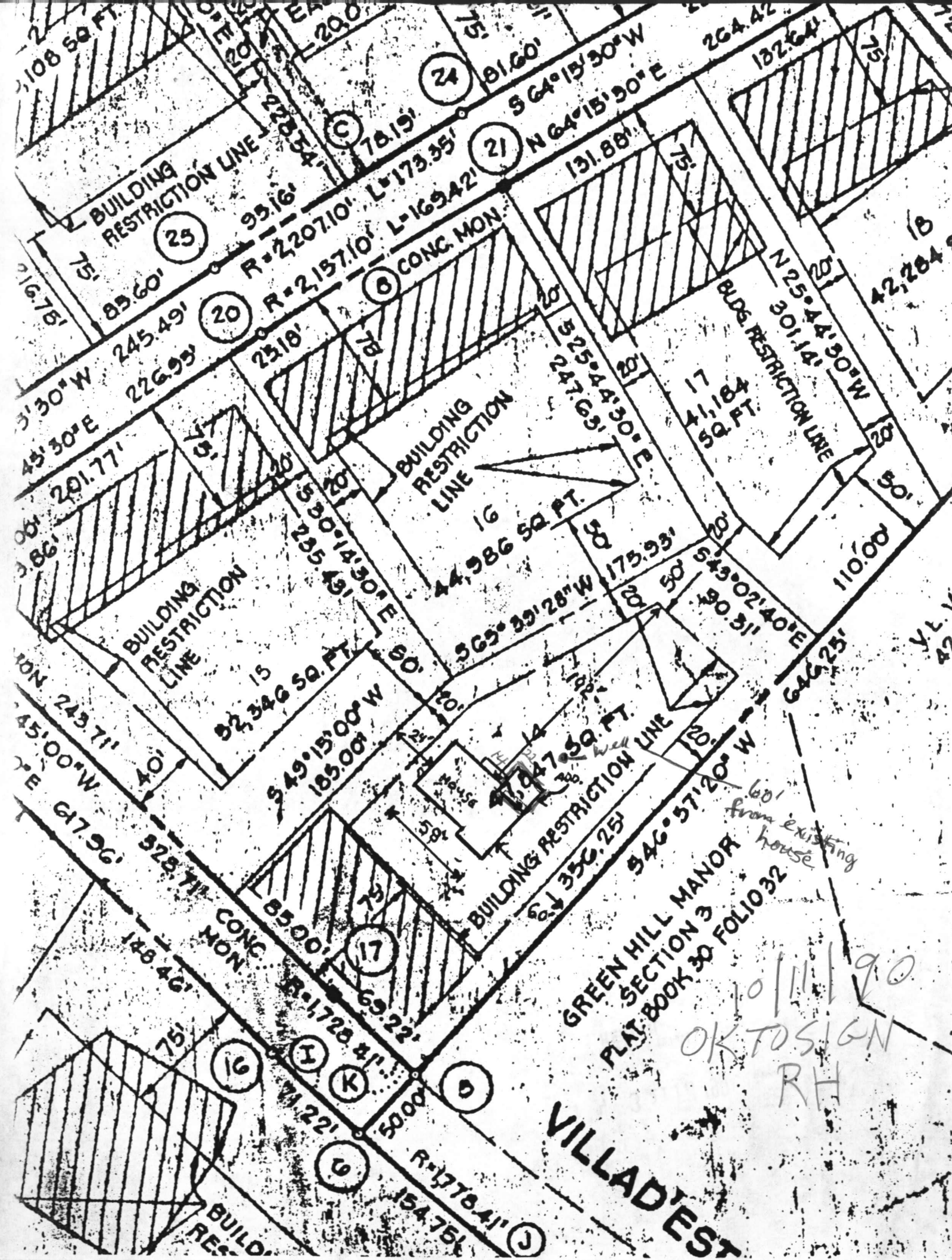


GREEN HILL MANOR  
 SECTION 3  
 PLAT BOOK 30 FOLIO 32

10/11/90  
 OK TO SIGN  
 RH

VILLAD'EST

60'  
 from existing  
 house



RECEIVED  
HOWARD  
HEALTH

ST 4 3 11 PM '90

OFFICE OF  
ENVIRONMENTAL  
HEALTH

