

10/25/83
10/26/83
11 40

Approved 10/26/83
Stager

PERMIT

P 33259
A 23439

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 3rd

INDEX

DATE 10/25/83

Olen Kottorman IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 14960 Frederick Road, Woodbine, Maryland 21797 PHONE 442-2336

SUBDIVISION Valley Anne Estates ROAD 10624 Browns Farm Road LOT 9, Sec. 2

PROPERTY OWNER Ken Zimmerman

ADDRESS 3505 Split Rail Lane, Ellicott City, Maryland 21043

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

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 150 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3 feet below original grade. 6 feet of stone below distribution box pipe. Start the trench 150 feet from the front lot line and 15 feet from the right side line, as seen when facing the lot from Browns Farm Road. Continue to dig the trench on level ground running towards the left side of the lot.

BLOG. PERMIT STARTED
AND RETURNED 8-2-83
David J. O'Neill
added - family room

PLANS APPROVED BY David J. O'Neill & Frank A. Skinner DATE 11/22/77 & 10/25/83

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE 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.

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

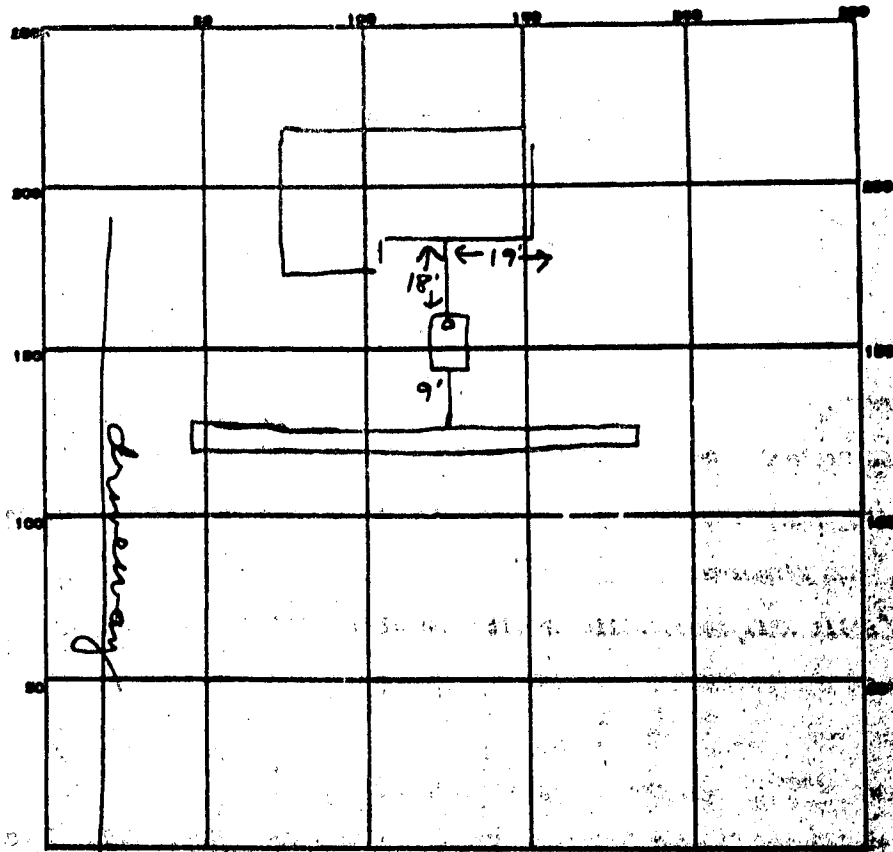
*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 23439

P 33259

158
3
474



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Brown Farm Rd

PERMIT CARD _____

SEPTIC TANK, LEVEL 1500 CLEANOUTS 5T

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 IN. TOTAL LENGTH 74 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 518

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 518 SQ. FT.

REMARKS 10/25/83 Used Kettermans permit. Had to get

soils from him. OK to cover work to septic tank.

10/26/83 Because of limited trench area, OK to dig trench 10 ft

deep. OK to add stone in trench.

10/26/83 OK to cover all work.

DATE SYSTEM APPROVED 10/26/83 INSPECTOR Steyer

4-13' Poked
on 10,000 ft.

APPLICATION

A 23439

Permitting

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: 485-8000, EXT. 388

DISTRICT 3

DATE 5/12/76

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 Ken Zimmerman
Richard E. Mustoe & Wife 461-2097
10624 Browns Farm Road
ADDRESS 1795 Woodstock Rd Woodstock Md 21163 MD PHONE 328-2732

PROPERTY LOCATION:

SUBDIVISION MEADOW BROOK ACRES SEC II LOT NO. 9

ROAD AND DESCRIPTION ROAD 'A' SOUTH SIDE
10624 Browns Farm Road

SIZE OF LOT 30000 TYPE BLDG. 3-4

IF NOT SINGLE RESIDENCE DESCRIBE _____ NUMBER OF ROOMS _____

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

SIGNATURE OF APPLICANT Richard E. Mustoe

APPROVED BY Paul J. O'Neill FOR DW + Family DATE 11/23/74

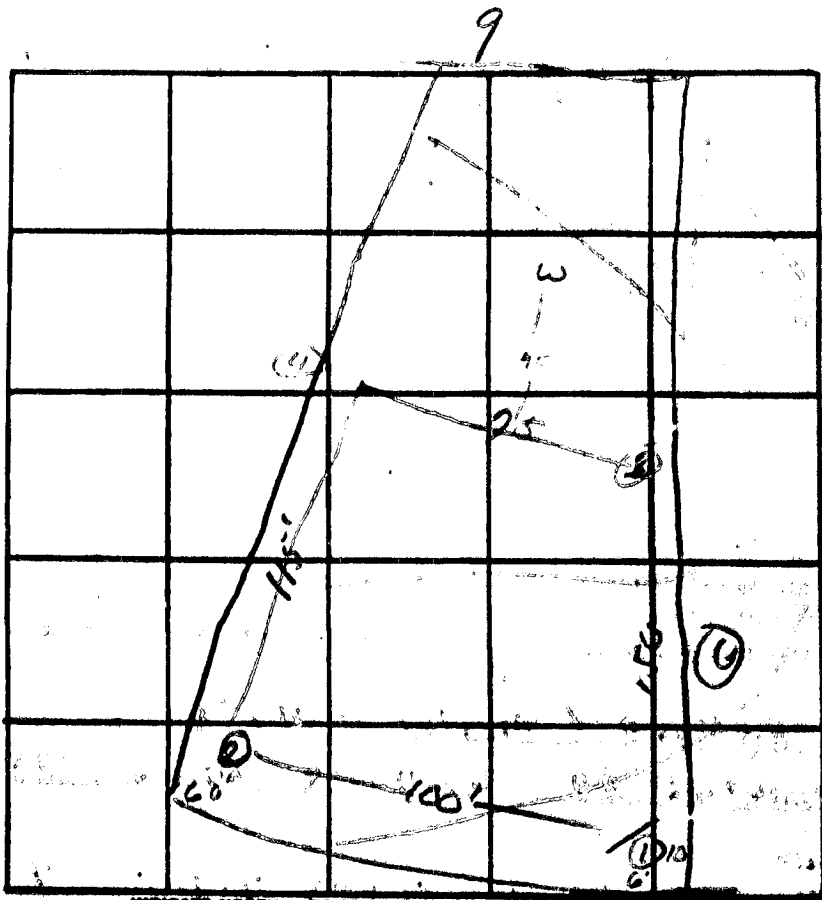
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____ BLDG. PERMIT SIGNED AND RETURNED Charles Smith 557.53 SFD.

THIS IS NOT A PERMIT

2 1/2
 Brown
 mica
 with
 streaks of
 sand.



INDICATE NORTH - NAME ADJOINING ROADWAY AS DATA LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/10/62	15	2 1/2'	2 4	2 46	2 46	3 53	7
	16	13'	2 10	2 41	2 41	2 41 45	1 45 sec
	2	3 1/2'	3 1			3 26	23
		12'	3 15	3 23	3 23	3 45	22
	33	3'	3 21	3 24	3 21	3 30	6
	9	12'	3 19	3 21	3 21	2 24	3
	4	visual 12'	-Sandy loam		3 1/2 -	12'	

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY MDM _____ ALSO PRESENT: _____

C1 4386 SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 **A23439**

DATE RECEIVED
 [] [] [] [] [] []

DATE WELL COMPLETED
08/28/83

DEPTH OF WELL
165
 (TO NEAREST FOOT)

PERMIT NO.
HD-87-0220

OWNER **Ken**
 STREET OR RFD **Browning Farms Road**
 SUBDIVISION **Valley Anne Estates** SECTION **2** TOWN **Woodstock** LOT **9**

WELL LOG
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Brown Shale	2	50	✓
Brown Slate	30	35	
Blue Slate	35	45	
Brown Slate	45	50	✓
Blue Slate	50	160	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **27** NO. OF POUNDS **230**
 GALLONS OF WATER **162**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **30** ft.

CASING RECORD
 casing types insert appropriate code below
ST **CO**
 STEEL CONCRETE
PL **OT**
 PLASTIC OTHER
 MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **165**

OTHER CASING (if used)
 diameter inch [] [] 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

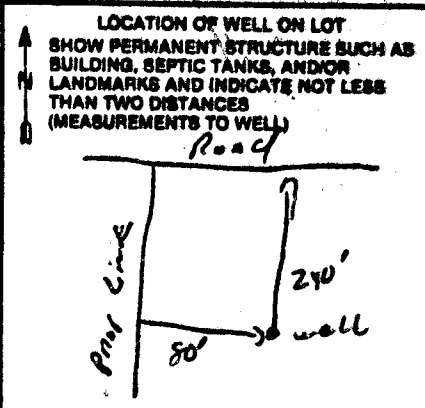
C2
 DEPTH (nearest ft.)
 1 **40** **40** **165**
 2 [] [] [] [] [] [] [] [] [] []
 3 [] [] [] [] [] [] [] [] [] []
 4 [] [] [] [] [] [] [] [] [] []
 5 [] [] [] [] [] [] [] [] [] []
 SLOT SIZE 1 [] 2 [] 3 []
 DIAMETER OF SCREEN [] [] [] [] (NEAREST INCH)

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 [] [] []
 TELESCOPE CASING [] LOG INDICATOR [] OTHER DATA [] [] []

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **7**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **25** WHEN PUMPING **165**
 TYPE OF PUMP USED (for test)
A air **P** piston **T** turbine
C centrifugal **R** rotary **O** other (describe below)
J jet **S** submersible

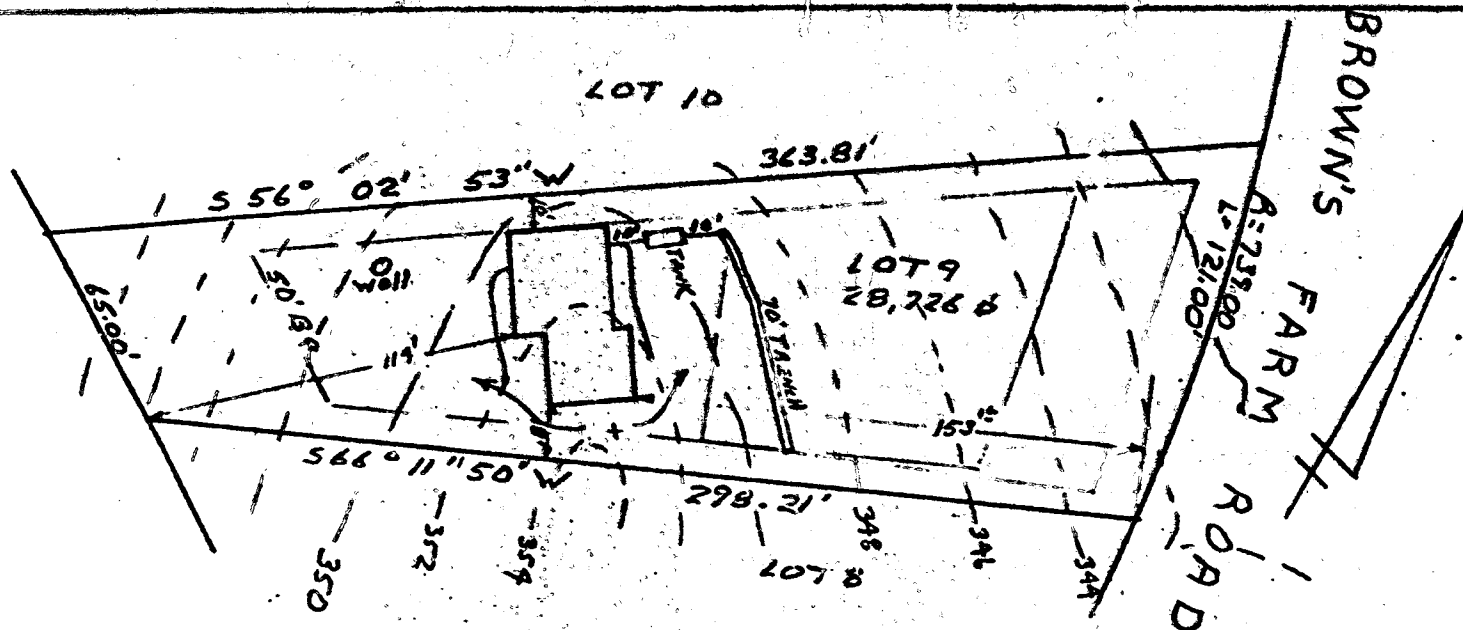
PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES **NO**
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP (No. ALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: []
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) [] [] []
 PUMP HORSE POWER [] [] []
 PUMP COLUMN LENGTH (nearest ft.) [] [] []
 CASING HEIGHT (circle appropriate box and enter casing height)
+ above } LAND SURFACE (nearest foot) **25**
- below }



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. **223**
Ralph Mays
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Ralph C. Mays
 SITE SUPERVISOR (sign. of driller or journeymen responsible for sitework if different from permittee)



HOUSE:

FIRST FLOOR	354.0
BASEMENT	345.0
INVERT	346.56

SEPTIC TANK:

EXISTING GRADE	350.0
PROPOSED GRADE	350.0
INVERT IN	346.35
INVERT OUT	346.10

TRENCH:	LENGTH	WIDTH	STONE	INVERT	BOTTOM
	70'	2'	6'	346.0	340.0

I certify the above measurements and elevations are actual and true for this property.

J. Carl Hudgins
 J. Carl Hudgins

8/2/83
 Sketchor.
 J.C.

PLOT PLAN

LOT NINE

MEADOW BROOK ACRES
 aka Valley Parc Estates
 SECTION II

3rd ELECTION DISTRICT
 HOWARD COUNTY MARYLAND

SCALE 1"=50' DATE 8/2/83

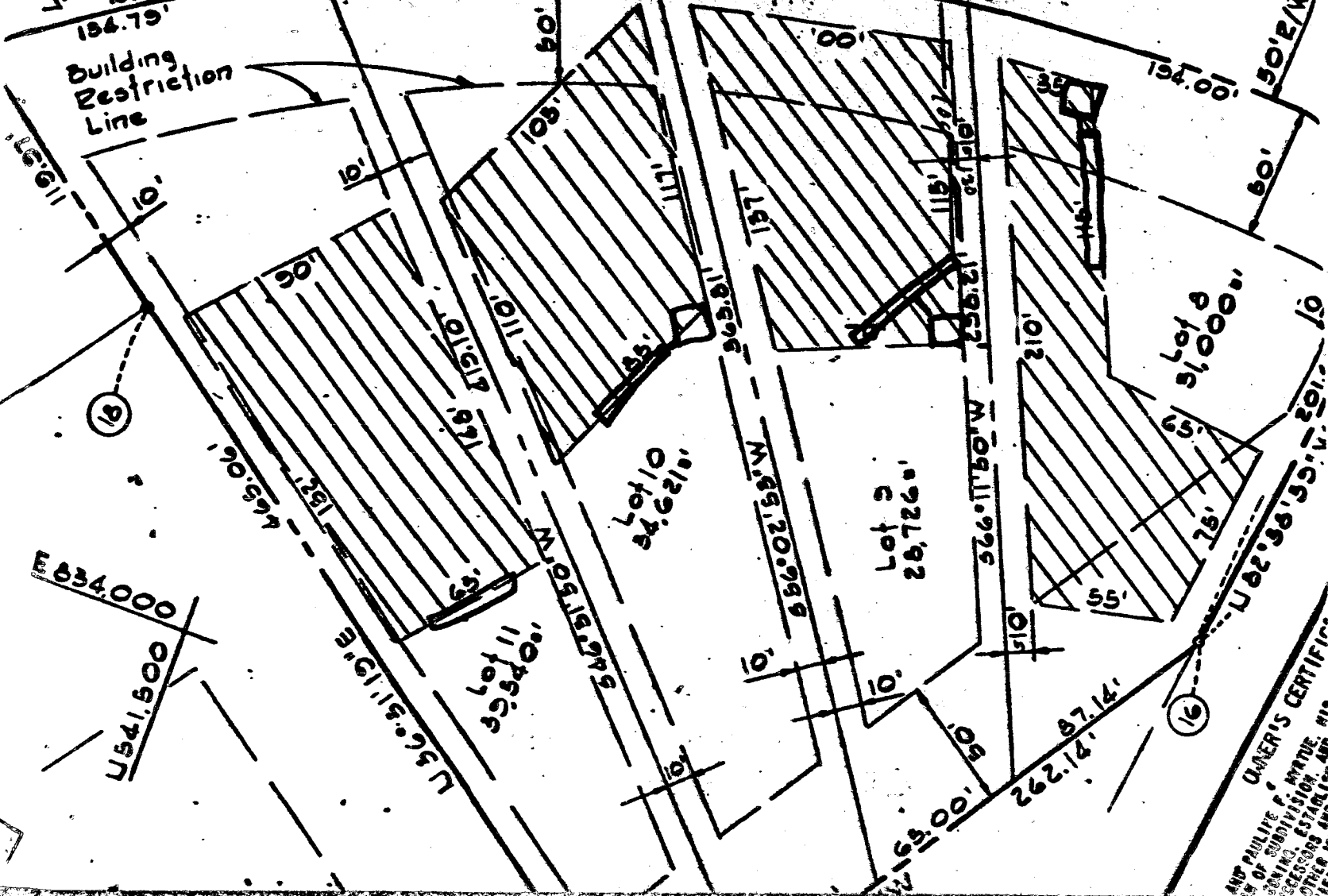
SEE PLAT!
VALLEY ALPINE
ESTATES

13928.3
23.72
N 60° 51' 55" E
50.00'
E: 789.00'
108.00'
104.00'
L: 504.04'

BROWN'S FARM ROAD

E: 732.00'
125.00'
121.00'
L: 472.20'

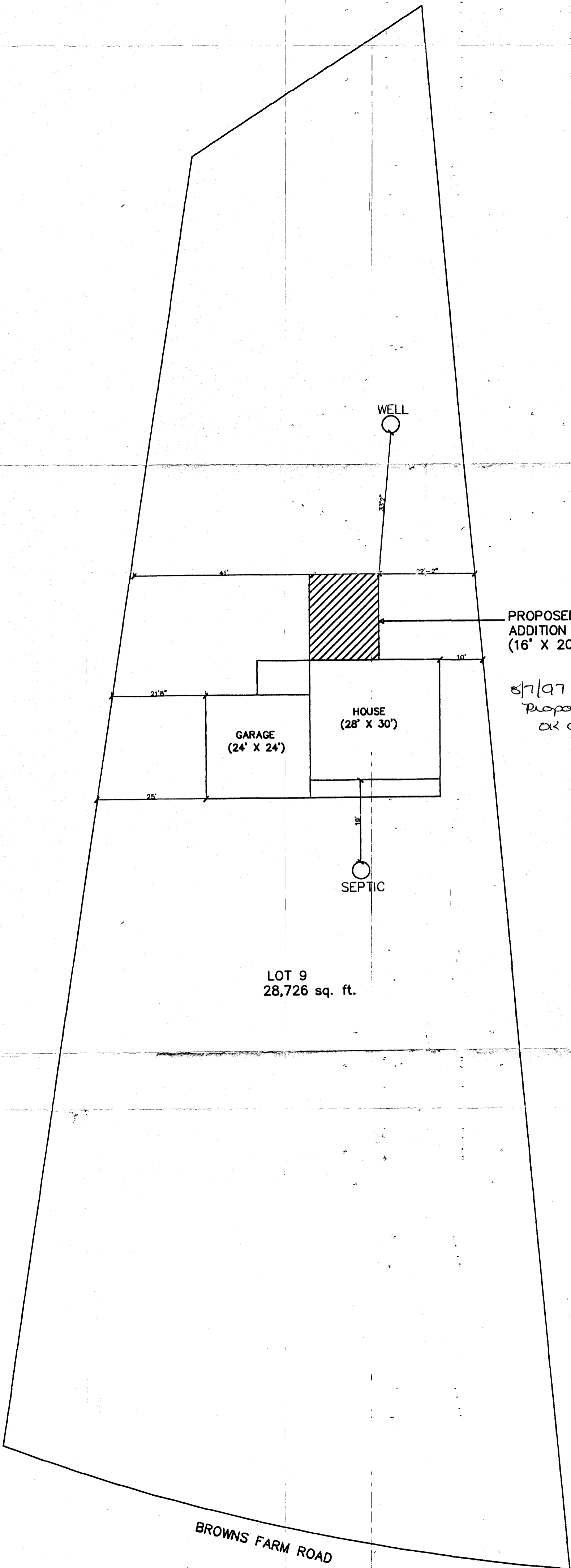
Building
Restriction
Line



4541.500
E 834.000

LAND PLAT
OF SUBDIVISION
BEING
SECTION ESTABLISHED
OTHER AS APPLICABLE

OWNER'S CERTIFICATE



PROPOSED (FAMILY ROOM)
ADDITION
(16' X 20')

8/7/97
Proposed addition
as shown. ~~DKS~~

SITE LOCATION
10624 BROWNS FARM ROAD
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
VALLEY ANNE ESTATES
SECTION II

SCALE: 1/16" = 1'

BROWNS FARM ROAD

10
EM