

2/24/93 1:30

Tax ID - 04-350391

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48901

A 42110

DISTRICT _____

DATE 2/4/93

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

~~313-2640~~ 313-2640

DATE SYSTEM APPROVED 2-24-93

INSPECTOR R. Penick

INDEXED

Frall Developers, Inc. IS PERMITTED TO INSTALL ALTER _____

ADDRESS P. O. Box 659, Mt. Airy, Maryland 21771 PHONE 301-795-1866

SUBDIVISION Quail Meadow LOT 15 ROAD 16631 Bahner Court

PROPERTY OWNER Frall Developers, Inc. MARK CASSERA

ADDRESS _____

BUILDING PERMIT SIGNED AND RETURNED

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the left front lot corner, start first trench 240 feet down left (491.26') lot line and 100 feet off this same lot line. Run trenches along contours to right side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 1/28/93 RIT

BLDG. PERMIT SIGNED AND RETURNED 2-2-1993
Serial # B17115857
1-Story addition - Master Bedroom

PLANS APPROVED BY Mark Rifkin/Sid Abel REVISED _____ DATE 4/19/91

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

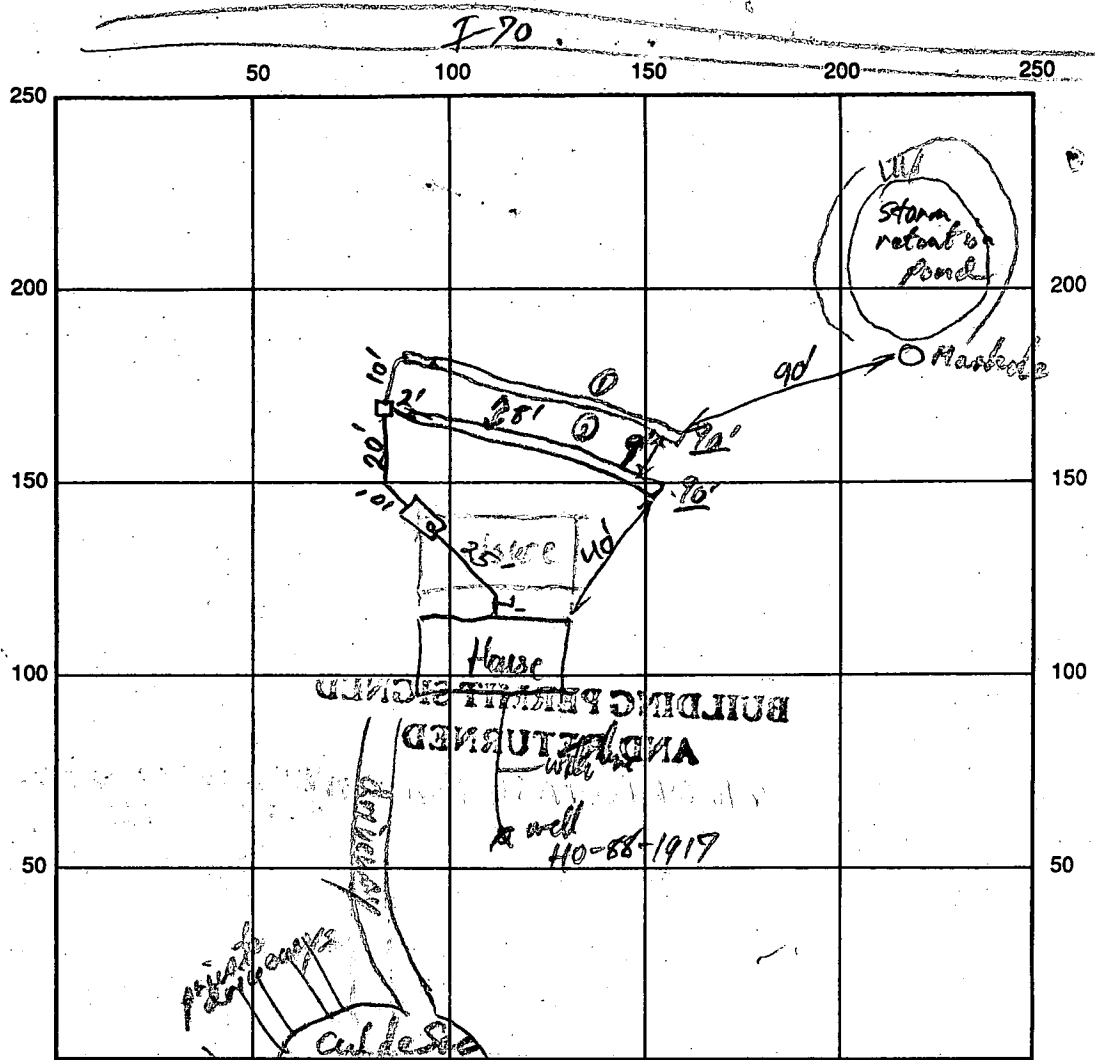
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

Addition - Swimming Pool
BLDG. PERMIT SIGNED AND RETURNED 3-20-96
Serial # 63933

A 42110



SEPTIC TANK LEVEL 1000 gal CLEANOUTS ST + HSE

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 90 / 90 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 540 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: Trench Filled - HSE connection to ST & Trench all OK to cover 7/24/93

OK to cover with dirt & grass

DATE SYSTEM APPROVED 2/24/92 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 42110
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE. 461-9933

DISTRICT 4TH.
DATE 4/2/88

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 EDWARD J. AND PATRICIA KUNTZE Final Developers, Inc
ADDRESS 2328 FLORENCE ROAD, WOODBINE, MD. 21797 PHONE 795-1866
~~439-4969~~

PROSPECTIVE BUYER CARMAN ASSOCIATES
ADDRESS P.O. BOX 122, ELLICOTT CITY, MARYLAND 21043 PHONE 442-5613

PROPERTY LOCATION: N/3 MD. ROUTE 144 APPROX 1200' EAST OF WATERVILLE ROAD

SUBDIVISION PROPERTY OF LAVINIA L. HOOD LOT NO. 2615 on Final

ROAD AND DESCRIPTION COURT 'A' (16631 Bahner Court)

TAX MAP 7 PARCEL # 432

SIZE OF LOT 3 ACRES + TYPE BLDG SFD
(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]
CARMAN ASSOCIATES
GENERAL PARTNER
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Clark FOR Shallow Depp trenches DATE 11.21.88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/25/88 Perc Satisfactory - Hold for PCAT. Solved

BLDG. PERMIT SIGNED
AND RETURNED 4/21/93
Serial # 46996-SFD
3 Bedrooms

THIS IS NOT A PERMIT

HD-216



ROP. HSE.
 F. ELEV. 742.9'
 SMT. ELEV. 734.0'
 IV. ELEV. 731.3'

 ROP. SEPTIC TANK.
 L. ELEV. 739.0'
 IV. IN. 730.9'
 IV. OUT. 730.7'

 ROP. DIST. BOX
 X. ELEV. 733.6'
 IV. ELEV. 730.4'

 ROP. TRENCHES
 IV. ELEV. 730.1'
 STONE, 7.5' BOTTOM MAX.
 DTH TO BE DETERMINED AT TIME OF
 P.C. PERMIT ISSUANCE.

6/10/04
 PROPOSED
 SEPTIC.
 SEE PERMIT
 FOR ACTUAL
 DISTANCE
 S.T. to
 deck >10'
 (KN)

PLOT PLAN
 LOT 15
 QUAIL MEADOWS
 SITUATED ON BANNER COURT
 ELECTION DISTRICT N: 4
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' JANUARY, 1993

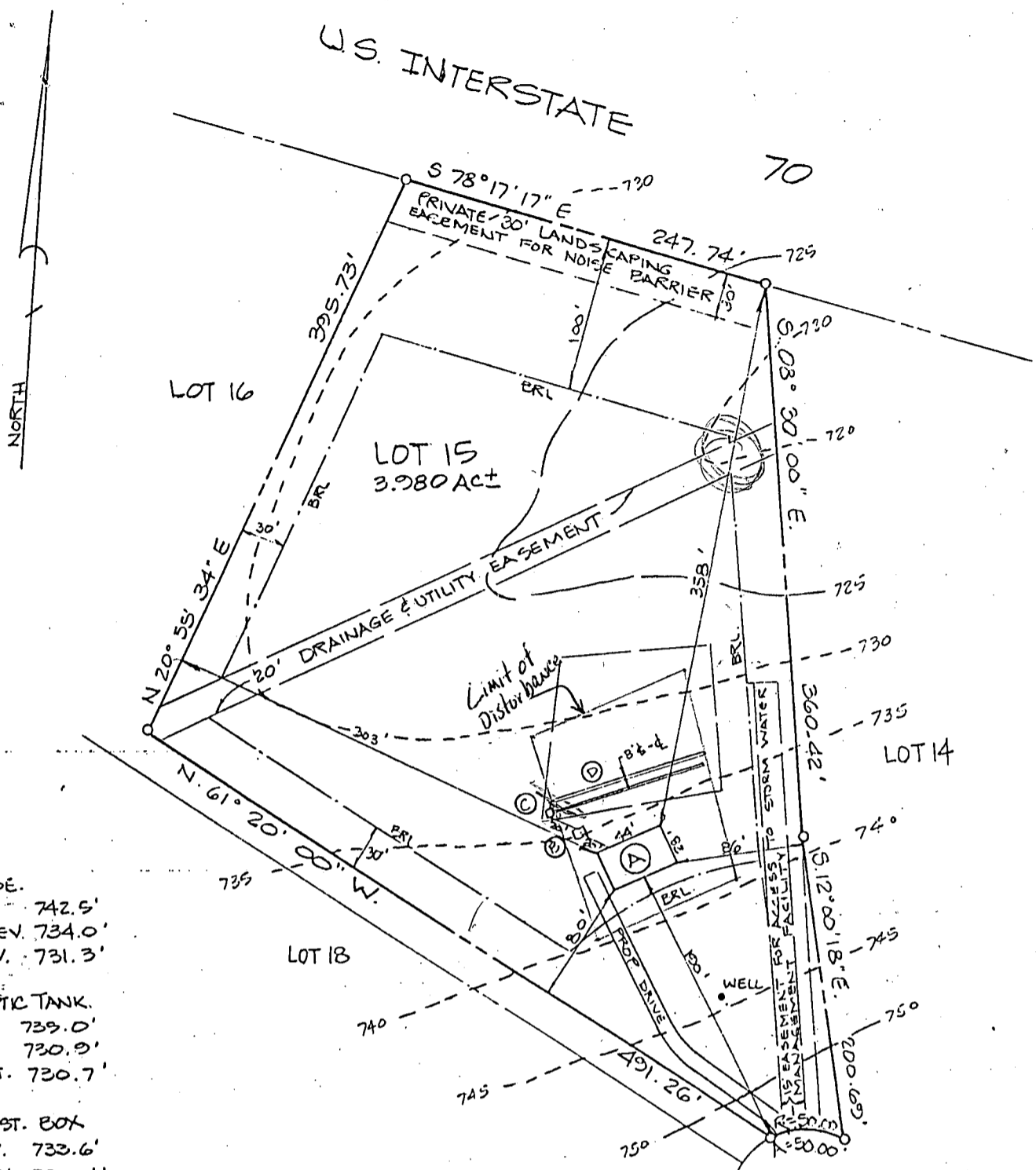
APPROVED
WALK-THRU BUILDING PERMIT
 BP# 00148830 A# 42110
 APP. SAN R-71 DATE: 6/10/04
 DESC. OF WORK: cover deck w/ screen
in back & expand garage
(No bathroom)

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT
 AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG
 E LAND RECORDS OF HOWARD COUNTY,
 RYLAND, AS REFERENCED HEREON.

LIBERTY SURVEY, INC.
 4140 RIDGE ROAD
 TAYLORSVILLE, MARYLAND

REFERENCE	JOB NO.
AT N: 9354	91-04

410-875-0722
 301-829 2296
 21157



Ⓐ PROP. HSE.
 FF. ELEV. 742.5'
 BSMT. ELEV. 734.0'
 INV. ELEV. 731.3'

Ⓑ PROP. SEPTIC TANK.
 EX. ELEV. 739.0'
 INV. IN. 730.9'
 INV. OUT. 730.7'

Ⓒ PROP. DIST. BOX
 EX. ELEV. 733.6'
 INV. ELEV. 730.4'

Ⓓ PROP. TRENCHES
 INV. ELEV. 730.1'

~~4" STONE, 7.5' BOTTOM MAX.~~
 LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.

CHANGE TO
 2 FT STONE
 5.5 FT DEEP

BD46996
 1/21/93
 PLANS WRONG
 CHANGED TO SHALLOW
 SYSTEM R/W

1/21/93
 REVISED PLANS OIC
 AFTER BED LINE CORRECTIONS
 BH

PLOT PLAN
 LOT 15
 QUAIL MEADOWS
 SITUATED ON BAHNER COURT
 ELECTION DISTRICT N: 4
 HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' JANUARY, 1993

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

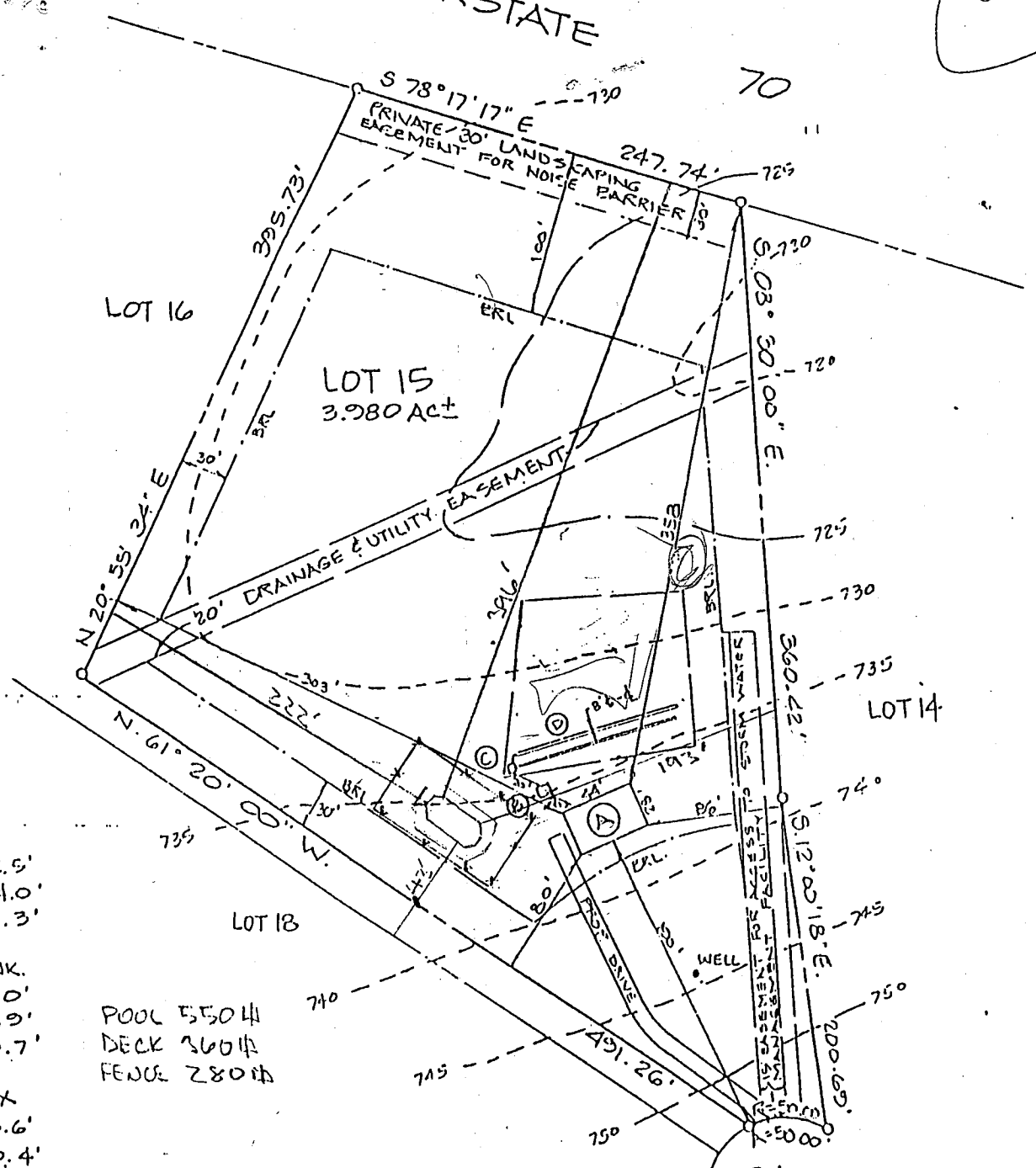
REFERENCE	JOB NO.
PLAT N: 9354	91-04

LIBERTY SURVEY, INC.
 4140 RIDGE ROAD
 TAYLORSVILLE, MARYLAND
 410-875-0722 21157

N7725

Ground plan

U.S. INTERSTATE



13E.
V. 742.5'
ELEV. 734.0'
EV. 731.3'

SEPTIC TANK.
EV. 739.0'
IN. 730.9'
OUT. 730.7'

OP. DIST. BOX
ELEV. 733.6'
V. ELEV. 730.4'

OP. TRENCHES
V. ELEV. 730.1'
STONE, 7.5' BOTTOM MAX.
TO BE DETERMINED AT TIME OF
PERMIT ISSUANCE.

POOL E5504
DECK E604
FENCE E2804

CASSERA MARK
14631 BANNER CT.
LISBON, MD. 21771

BAHNER
COURT
(50' R/W)

PLOT PLAN

LOT 15
QUAIL MEADOWS
SITUATED ON BAHNER COURT
ELECTION DISTRICT N° 4
HOWARD COUNTY, MARYLAND
SCALE: 1"=100' JANUARY, 1993

3/20/96 Proposed
pool as shown
should not impact
existing well or
septic system.
SOMMERSET

CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT
AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG
LAND RECORDS OF HOWARD COUNTY,
MARYLAND, AS REFERENCED HEREON.

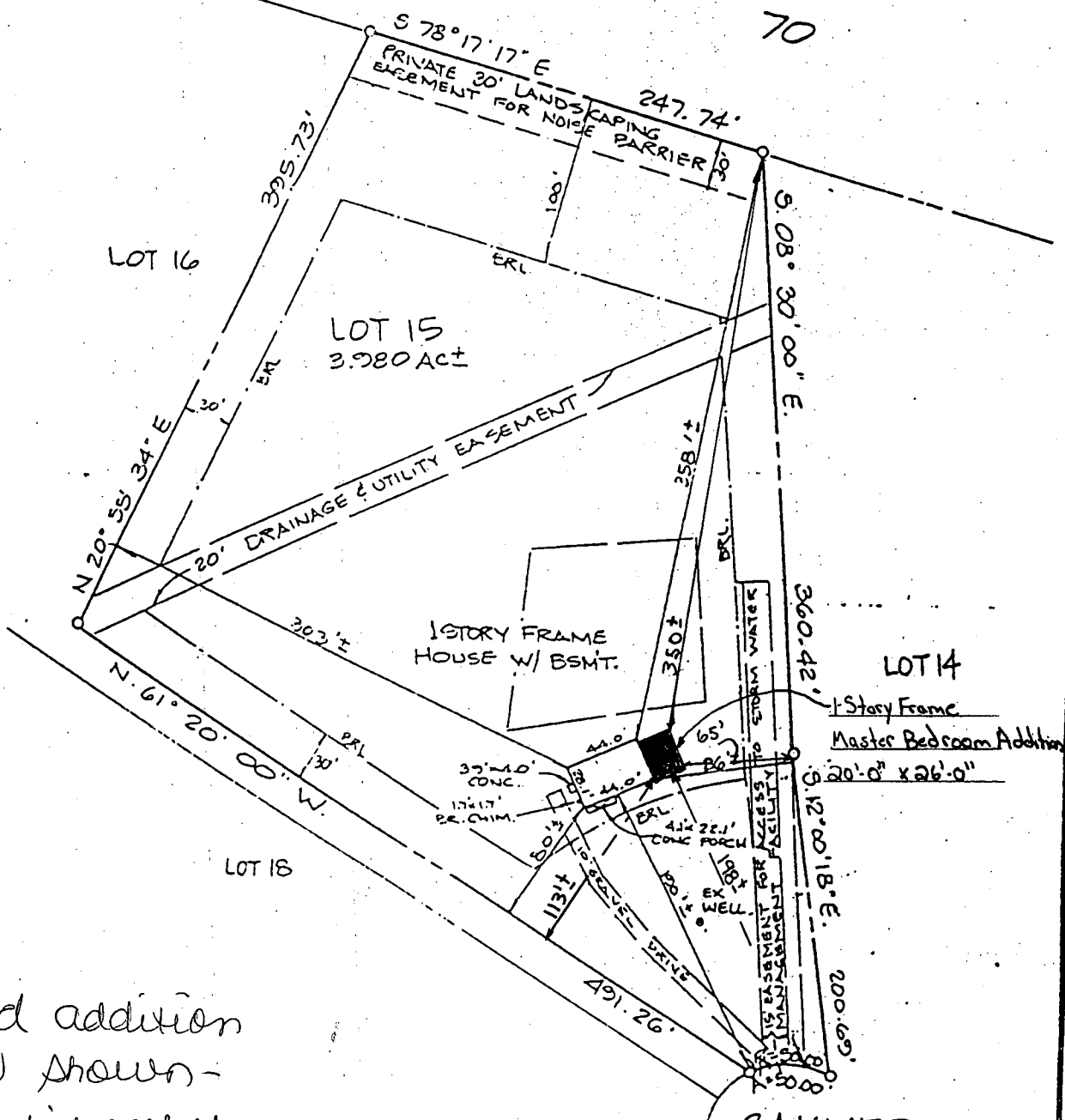
REFERENCE	JOB NO.
AT N° 9354	91-04

LIBERTY SURVEY, INC.
4140 RIDGE ROAD
TAYLORSVILLE, MARYLAND
410-875-0722
301-829 2296
21157

NORTH

U.S. INTERSTATE

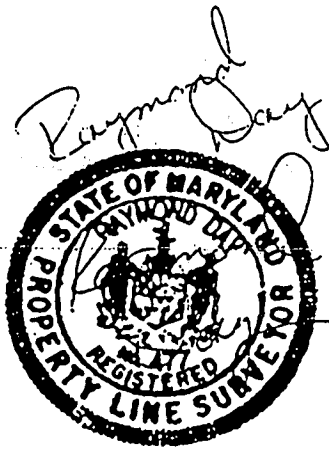
70



2/2/99
 Proposed addition
 or as shown -
 precautionary
 letter sent.
 (DKS)

**JOSEPH F. DEVILBISS
 CONSTRUCTION CO., INC.**
 7730-B Sundays Lane
 FREDERICK, MARYLAND 21702

**BAHNER
 COURT
 (50' R/W.)**



3/12/93

HOUSE LOCATION SURVEY
 LOT 15
 QUAIL MEADOWS
 16631 BAHNER COURT
 ELECTION DISTRICT N° 4
 HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' MARCH, 1993

NOTE: PROPERTY IS NOT LOCATED WITHIN A FLOOD HAZARD AREA ACCORDING TO NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NUMBER: 2400440007B DEC. 4, 1986

I CERTIFY THIS PLAT TO BE CORRECT: IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

LIBERTY SURVEY, INC.
 4140 RIDGE ROAD
 TAYLORSVILLE, MARYLAND

REFERENCE	JOB NO.
PLAT N° 9356	91-04

410-875-0722

21157




HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

February 2, 1999

MEMORANDUM

TO: Mr. and Mrs. Mark Cassera
16631 Bahner Court
Mt. Airy, Maryland 21771

FROM: Donna K. Soe, R.S. 
Water and Sewerage Program

RE: Building Permit Application #B00115857
Proposed one story addition
16631 Bahner Court

This is to advise that the above referenced building permit application was recommended for approval by this office subject to the following caution:

It is recommended that an expansion to the existing septic system be installed in order to accommodate the potential increase in sewage flow generated by the additional occupancy. This precaution originates in the standard for sizing of septic systems - the size of the septic system is based on the number of bedrooms in a home. Please be advised that if the upgrade to the septic system is not installed, the life span of the system may be adversely affected by the increase in sewage flow.

Health Department recommendation for approval of the building permit application is based upon your acceptance and understanding of this precaution.

If you have any questions or concerns, please do not hesitate to contact me at the address below or by calling (410) 313-2640.

DKS

C1 **3** SEQUENCE NO. (DENV USE ONLY)
 1 2 3 4 5 6
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 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 **A-42110**

ST/CO USE ONLY
 DATE RECEIVED

DATE WELL COMPLETED
062791

Depth of Well
380
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
HO-88-1917

OWNER: **FRAIL** *Developers*
 STREET OR RFD: **BERRY** first name **Lisbon** TOWN
 SUBDIVISION: **QUAIL MEADOWS** SECTION LOT **15**

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	
Brown Shale	0	63	
Blue Rock	63	380 ✓	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **11** NO. OF POUNDS **1034**
 GALLONS OF WATER **66**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **45** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST **CO** STEEL CONCRETE
PL **OT** PLASTIC OTHER

MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
ST **6** **68**
 60 61 63 64 66 70

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

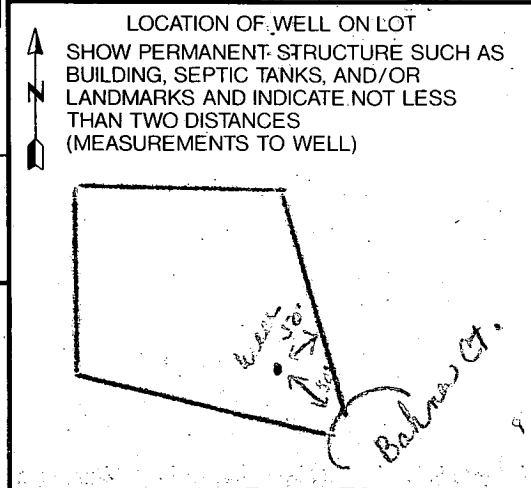
C2
 DEPTH (nearest ft.)
 1 **4066** **380**
 8 9 11 15 17 21
 2
 23 24 26 30 32 36
 3
 38 39 41 45 47 51
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

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.) W Q
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **44**
 METHOD USED TO MEASURE PUMPING RATE **BUCKET**
 WATER LEVEL (distance from land surface).
 BEFORE PUMPING **43**
 WHEN PUMPING **180**
 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 INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
 PUMP HORSE POWER 37 41
 PUMP COLUMN LENGTH (nearest ft.) 43 47
 CASING HEIGHT (circle appropriate box and enter casing height)
+ above } LAND SURFACE **2** (nearest foot)
- 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 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.

DRILLERS IDENT. NO. **238**
 DRILLERS SIGNATURE *Joseph W. Mayo*
 (MUST MATCH SIGNATURE ON APPLICATION)

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