

8/17/92
11:30
8/18/92
an report

Tax ID - 04-350405

PERMIT

SEWAGE DISPOSAL SYSTEM

P 48309

A 42111

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEX - TIME EXPIRED

DISTRICT 4th

DATE 4/30/92

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

FOR F.C.O.P. COMPLIANCE

DATE SYSTEM APPROVED 8/18/92

6/2/93 C. Williams / C.B.D.

INSPECTOR M. Rifkin

INDEXED

Frall Developers, Inc. IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Quail Meadow LOT 16 ROAD 16625 Bahner Court

PROPERTY OWNER Frall Developers, Inc. (NAIK ANADI)

ADDRESS _____ **BUILDING PERMIT SIGNED**

SEPTIC TANK CAPACITY 1000 GALLONS **AND RETURNED**

NUMBER OF BEDROOMS 3 15-05 B001517107 Separate Waste + Dryer

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 135

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 355.44' and the 394.16' lot lines, start the first trench 205' down the 394.16' and ~~20~~ off this same lot line. Run trenches in both directions on contours 130' to left side of lot MR

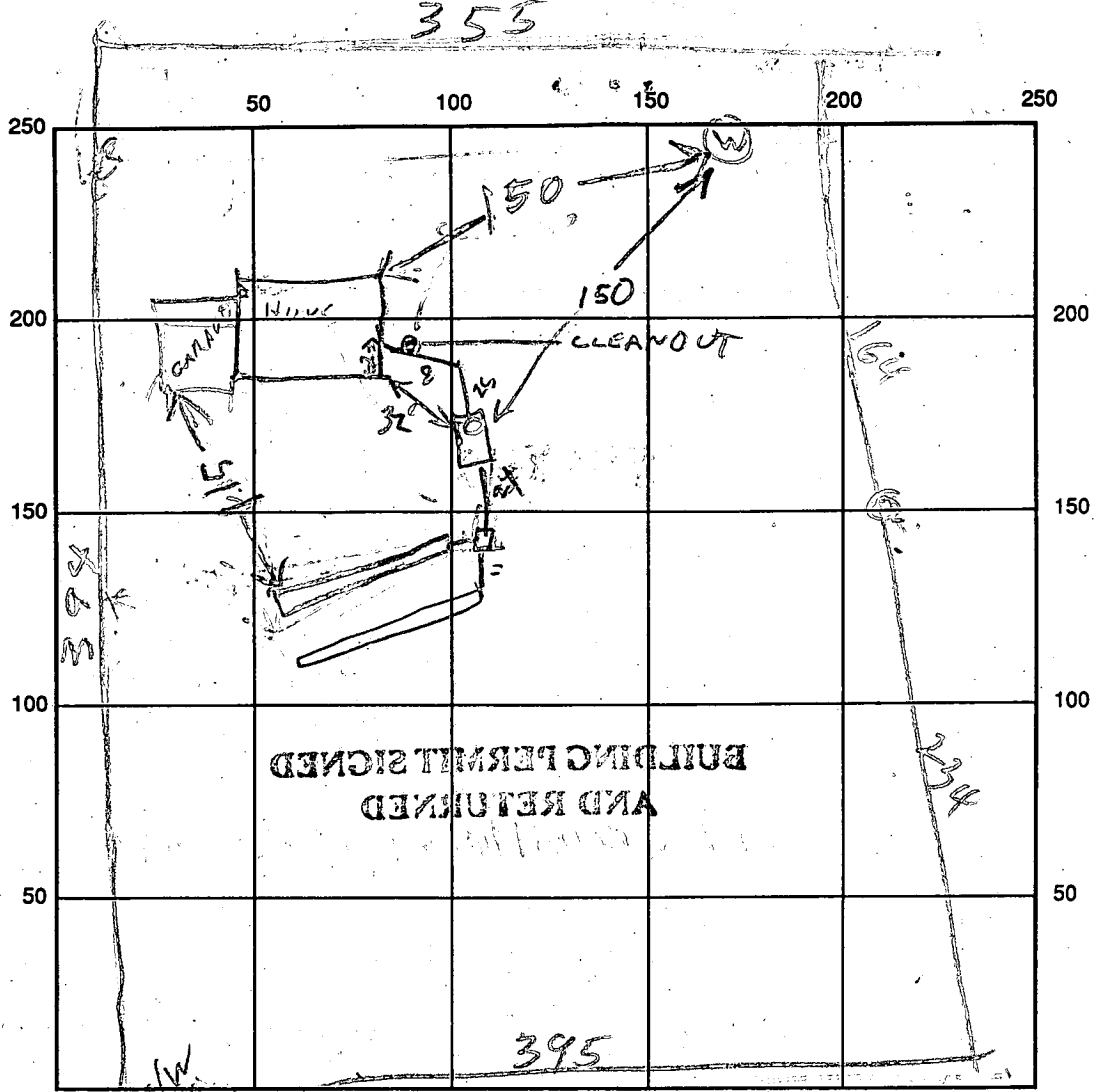
NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 6/5/91 OK 6/10/92 R.H. B.P. 42802

PLANS APPROVED BY Mark Rifkin cm DATE 04/26/91

- 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**

A
42111



SEPTIC TANK LEVEL 1100 GAL - OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 7 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 1/4 FT. TOTAL LENGTH 71 1/2 FT. TOTAL 142

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 568 SQ. FT.

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

ABSORBENT AREA 568 SQ. FT.

REMARKS: 8/17/92 - TRENCH #1 DUG COVER TANK & HOUSE SEWER RID

ADD STONE TO TRENCH #1 DIG TRENCH #2 ROK

8/18/92 - TRENCH #2 DUG. ADD STONE TRENCH #1 FINISHED RID

8/18/92 OK TO COVER ALL MR

DATE SYSTEM APPROVED 8/18/92 INSPECTOR M. Riffin

APPLICATION

PERCOLATION TESTING

A 42111
P _____

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

DISTRICT 474
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 Frall Developers Inc
ADDRESS 2328 FLORENCE ROAD, WOODBINE, MD. 21797 PHONE 785-1866
~~484-4069~~

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

PROPERTY LOCATION: N/S MD. ROUTE 144 APPROX 1300' EAST OF WATERVILLE ROAD
SUBDIVISION PROPERTY OF LAVINIA L. HOOD LOT NO. 16 on Final
ROAD AND DESCRIPTION COURT 'A' (16625 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.
CARMAN ASSOCIATES
GENERAL PARTNER
(SIGNATURE OF APPLICANT)

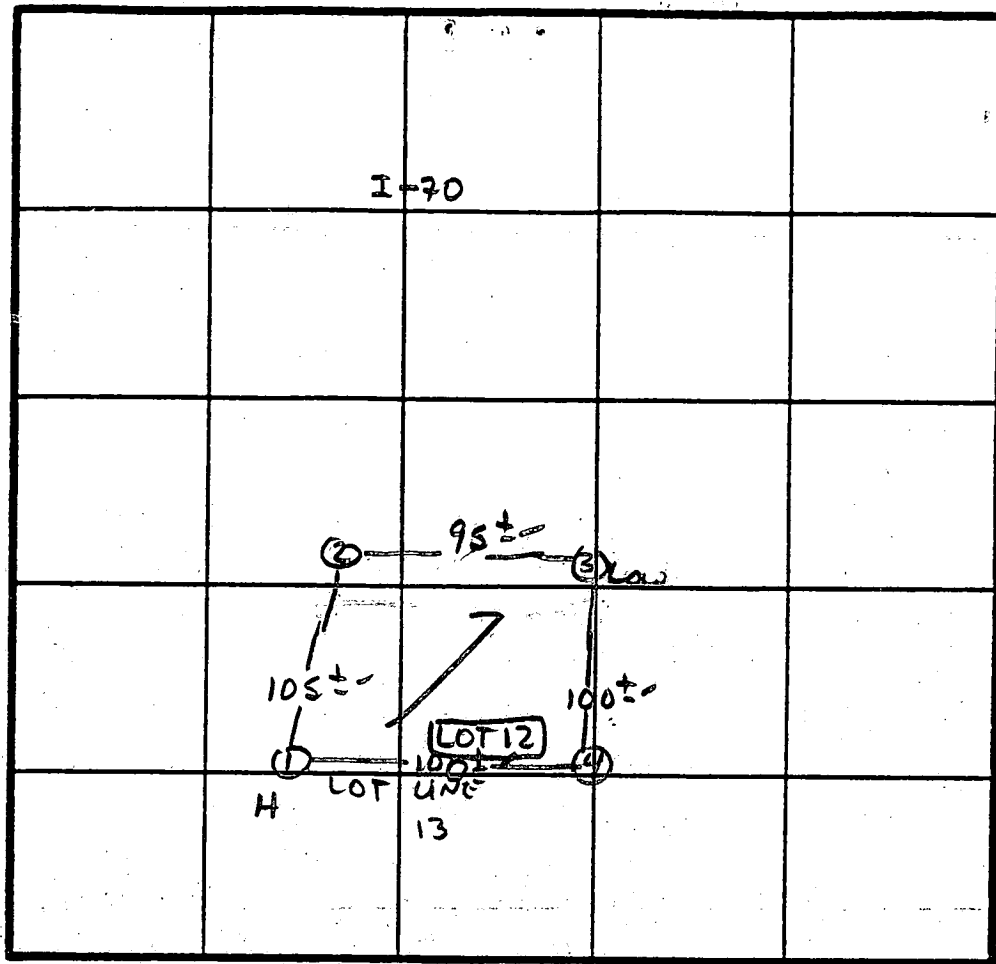
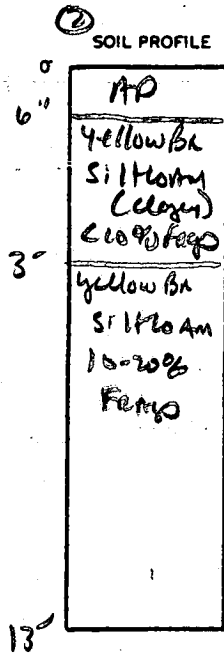
APPROVED BY Sidell FOR \$ Deep trenches DATE 11-21-88
REJECTED BY _____ FOR _____ DATE _____
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/25/88 Perc Satisfactory - Hold for PCAT. Sump
BLDG. PERMIT SIGNED AND RETURNED 5/19/92 Serial # 42502 SFD - 3 Bedrooms
BLDG. PERMIT SIGNED AND RETURNED 6/4/91 Serial # 38164-SFD 3 Bedrooms

HD-216

THIS IS NOT A PERMIT

A-4211P



X Perc
5 min
180 #/BR
Inlet 3.0
Bottom 7.0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

R+144

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/25/68	1 S 1 V	4.0" 12.5"	11:19 None	11:23 Fangs 30%	11:23 10%	11:34 AT 10"	11 min	
	2 S 2 V	3.0" 13"	11:17 uniform	11:18 Soil below	11:18 3.0"	11:20 little fangs	2 min	
	3 S 3 V	3.0" 12.5"	11:19 As profile	11:21 As profile	11:21 As profile	11:25 As profile	3 min	
	4 S 4 M	3.0" 8"	11:22 11:21	11:23 11:23	11:23 11:23	11:26 11:27	3 min 4 min	
	4 V	13"	As profile w/ 20-25% fangs at 12"					

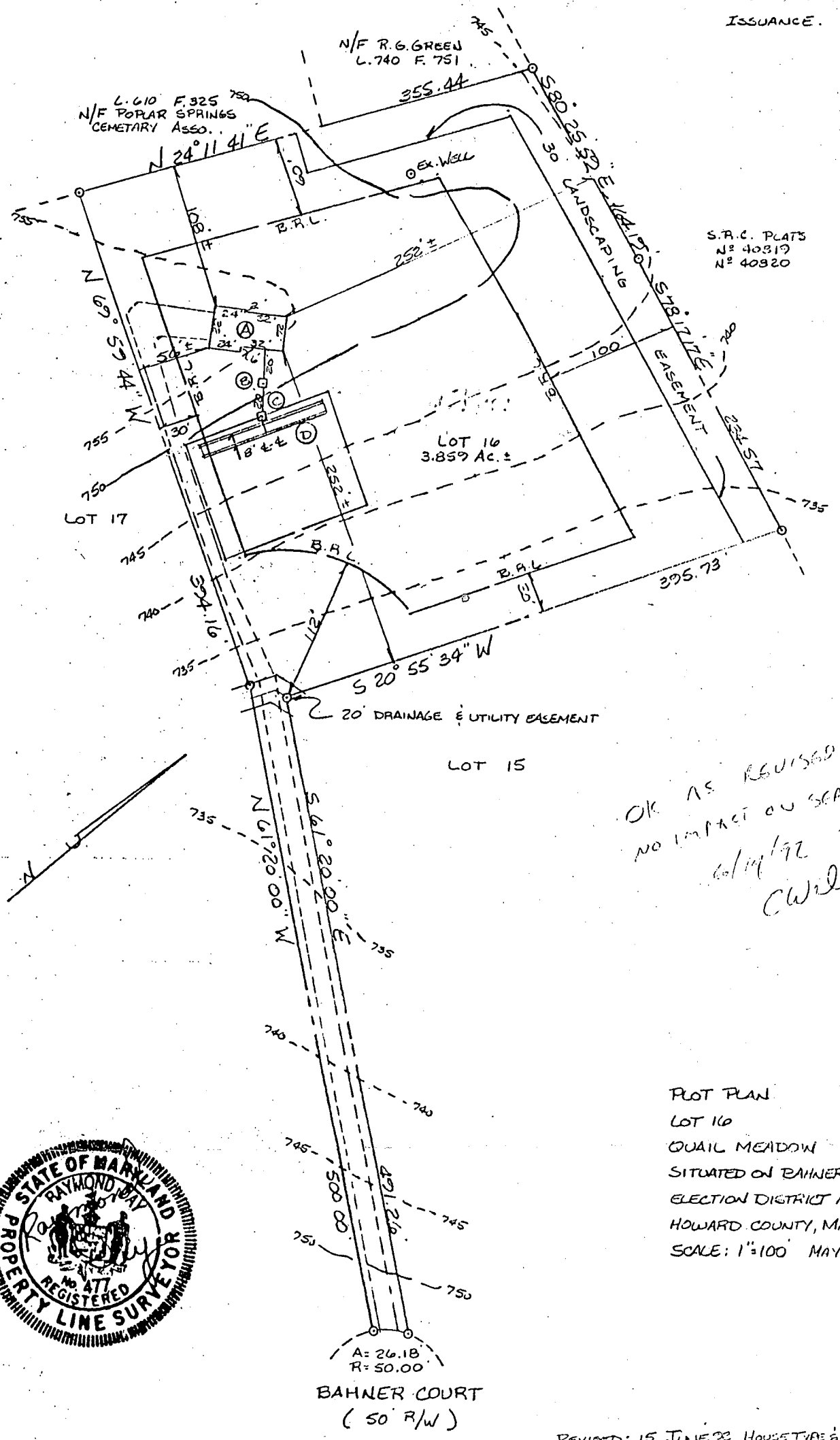
REMARKS Holes APPROX TO PLAT

TYPE OF SOIL Glenelg

TESTED BY S. Abel

ALSO PRESENT Phil M. Andrews
Reidy

- (A) PROP. HOUSE
F.F. ELEV. = 757.2'
BSMT. ELEV. = 748.2'
INV. ELEV. = 747.0'
- (B) PROP. SEPTIC TANK
EX. ELEV. = 751.4'
INV. IN = 746.8'
INV. OUT = 746.5'
- (C) PROP. DIST. BOX
EX. ELEV. = 749.0'
INV. ELEV. = 746.3'
- (D) PROP. TRENCHES
INV. ELEV. = 746.0'
4" STONE, 7" BOT. MAX.
LENGTH TO BE DETERMINED AT
TIME OF SEPTIC PERMIT
ISSUANCE.



OK AS REVISED
NO IMPACT ON SEPTIC REVIEW
6/14/92
CW

PLOT PLAN
LOT 16
QUAIL MEADOW
SITUATED ON BANNER COURT
ELECTION DISTRICT N° 4
HOWARD COUNTY, MARYLAND
SCALE: 1"=100' MAY 1991



BAHNER COURT
(50' R/W)
A = 26.18
R = 50.00

REVISED: 15 JUNE 92 HOUSE TYPE & LOCATION
REVISED: 7 MAY 92 - HOUSE TYPE

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.

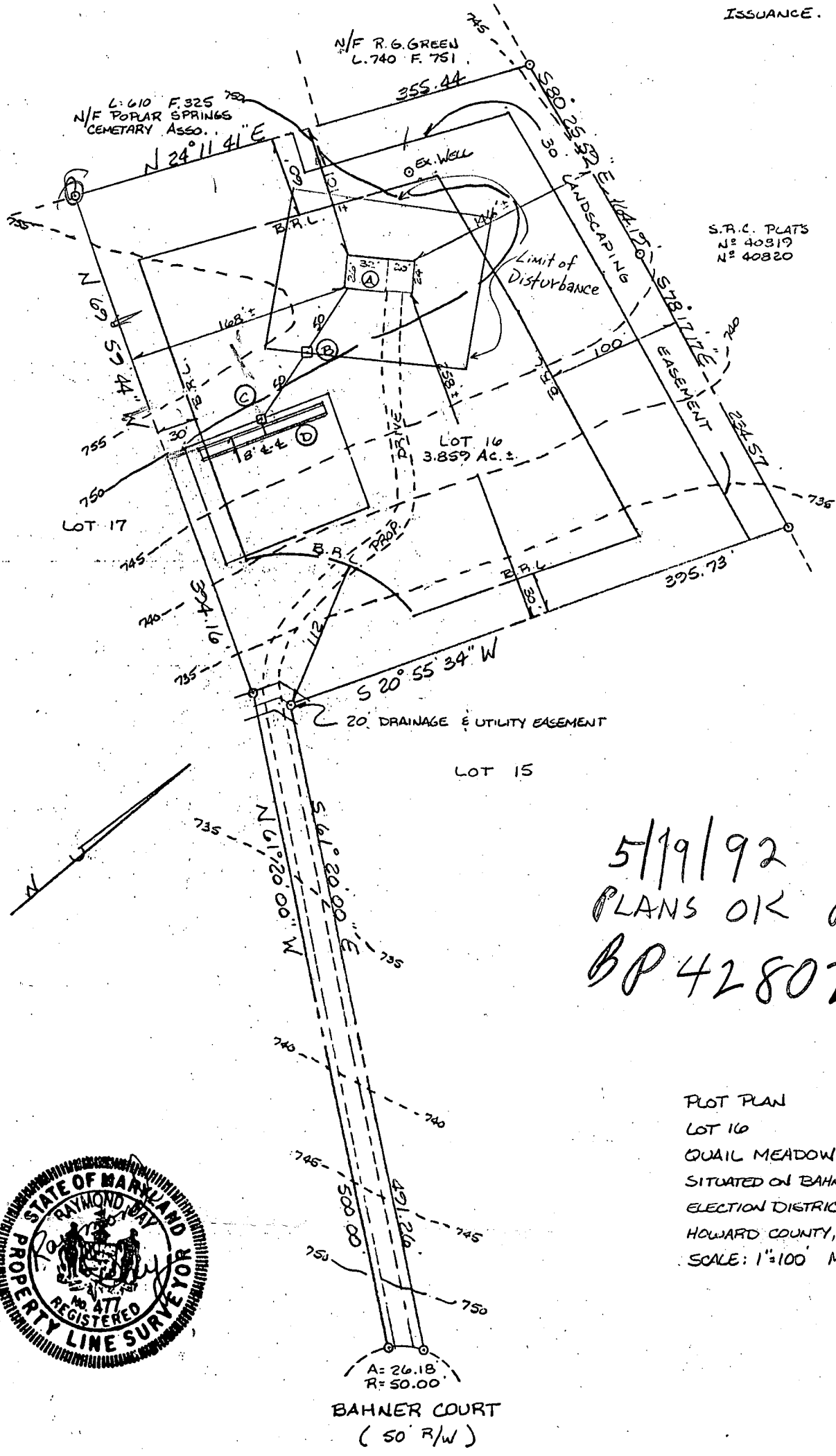
LIBERTY SURVEY, INC.
4140 RIDGE ROAD
TAYLORSVILLE, MARYLAND

REFERENCE	JOB NO.
PLAT N° 9386	91-04

410-875-0722

21157

- (A) PROP. HOUSE
FF. ELEV. = 757.3
BSMT. ELEV. = 748.8
INV. ELEV. = 747.6
- (B) PROP. SEPTIC TANK
EX. ELEV. = 752.1
INV. IN = 747.1
INV. OUT = 746.8
- (C) PROP. DIST. BOX
EX. ELEV. = 749.0
INV. ELEV. = 746.3
- (D) PROP. TRENCHES
INV. ELEV. = 746.0
4' STONE, 7' BOT. MAX.
LENGTH TO BE DETERMINED AT
TIME OF SEPTIC PERMIT
ISSUANCE.



5/19/92
PLANS OK R Hodge
BP 42802

PLOT PLAN
LOT 16
QUAIL MEADOW
SITUATED ON BAHNER COURT
ELECTION DISTRICT N° 4
HOWARD COUNTY, MARYLAND
SCALE: 1"=100' MAY 1991



A = 26.18
R = 50.00
BAHNER COURT
(50' R/W)

REVISED: 7 MAY 92 - HOUSE TYPE

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° 9356	91-04

LIBERTY SURVEY, INC.
4140 RIDGE ROAD
TAYLORSVILLE, MARYLAND

410-875-0728 21157

B 1 **2227** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

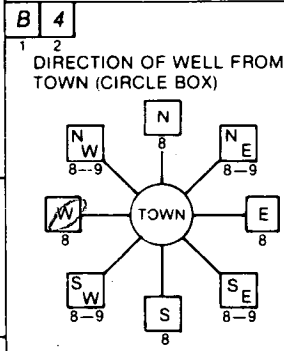
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HD-88-0561
 fill in this form completely

Date Received (APA) **041289**
 OWNER INFORMATION
CARMAN ASSOCIATES
 Last Name Owner First Name
NO AOX 122
 Street or RFD
ELLICOTT CITY MD 21043
 Town State Zip

B 3 LOCATION OF WELL
HOWARD COUNTY
MAIL MEADOWS SUBDIVISION
 SECTION **44** LOT ~~16~~
LISBON NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **1 1/2** MI

DRILLER INFORMATION
Joseph L. Wayne License No. **238**
Joseph L. Wayne Well Drilling Firm Name
5512 RIDGE RD. Mt. Hill 21271 Address
Joseph L. Wayne Signature **4/11/89** Date



Bahner Court NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH [] WEST [] EAST [] SOUTH []
865 DISTANCE FROM ROAD
 ENTER FT or MI **FT**

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 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 COUNTY NAME **A-42111** COUNTY NO.
 STATE SIGNATURE _____ INSERT S _____
 DATE ISSUED **041889** July 1st 10-1789
 NORTH GRID **550000** EAST GRID **0773000**

APPROXIMATE DEPTH OF WELL **260** FEET

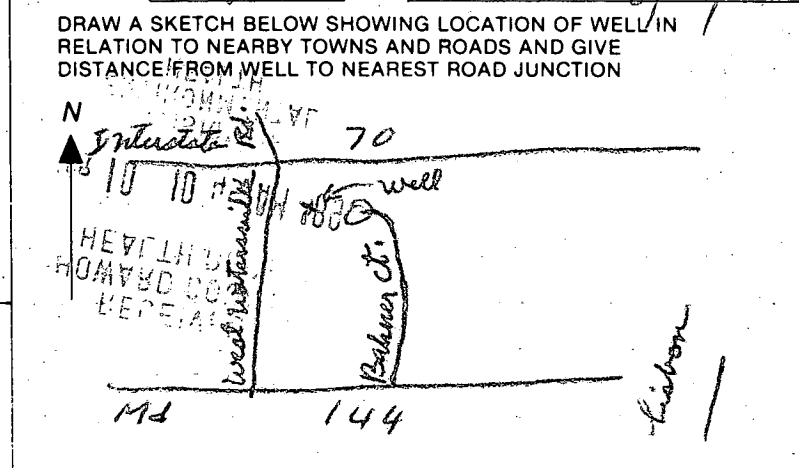
APPROXIMATE DIAMETER OF WELL **6** INCH

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)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 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
 THIS WELL WILL DEEPEMED AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **SA** WRITE INITIALS IN BOX PERMIT No. **HD-88-0561**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. WELL
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **773**
 N **550**
 000 000
3/29/89 GROUT 42' CASING NOT 33' OPEN OBS'D 8 BAGS 2 1/2' CASING A.G. 3 DRY HOLES FILLED TAG OK MR 3/29/89



SPECIAL CONDITIONS _____
 COUNTY

C1 2419

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A-42111

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 08 27 29

22 26 20 5

28 37 40-88-0561

OWNER CARMIN ASSOCIATES STREET OR RFD last name BANNER Ct first name TOWN LISBON SUBDIVISION DQA.1 MEADOWS SECTION LOT 16

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. Includes handwritten entries: Brown Sand, Blue Rock, 2 dry wells 400', 365', Filled in with cement + Drilling materials.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 8 NO. OF POUNDS 252 GALLONS OF WATER 48 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 0 ft.

CASING RECORD casing types insert appropriate code below MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch) (nearest foot) ST 6 42

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

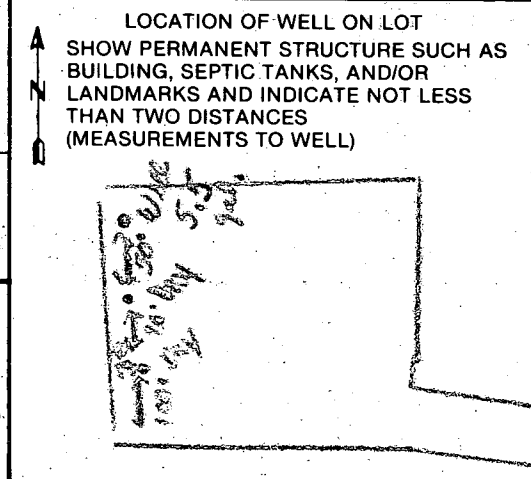
DEPTH (nearest ft.) EACH SCREEN SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

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.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 2 PUMPING RATE (gal. per min. to nearest gal.) 50 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 39 WHEN PUMPING 127 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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)



CIRCLE APPROPRIATE LETTER 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. 218 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)