

12/2/98
2:00
12-3-98
10am

House Connection Inspection
Front Door Open - Ready for
3/1/99
2011

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 571119-C
A 50385-A

DISTRICT _____

DATE 11-30-98

DATE SYSTEM APPROVED 3/1/99

INSPECTOR P. Smith

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

357574
INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER _____

ADDRESS 558 Obrecht Road Sykesville, Maryland 21784 PHONE (410) 795-5674

SUBDIVISION Stellas Choice LOT 1 ROAD 1001 Bradford Lane

PROPERTY OWNER C & P Homes, Inc.

ADDRESS _____ **BUILDING PERMIT SIGNED**

SEPTIC TANK CAPACITY 1250 GALLONS **AND RETURNED**
9-403 BOD 143895 - DECK

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 100 feet up the right (274.96') lot line and 135 feet off that same lot line as seen when facing the lot from Bradford Lane. Run first two trenches along contour towards the left lot line; run other trenches in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 10-1-98

PLANS APPROVED BY Donna K. Soe REVISED _____ DATE 9-21-98

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

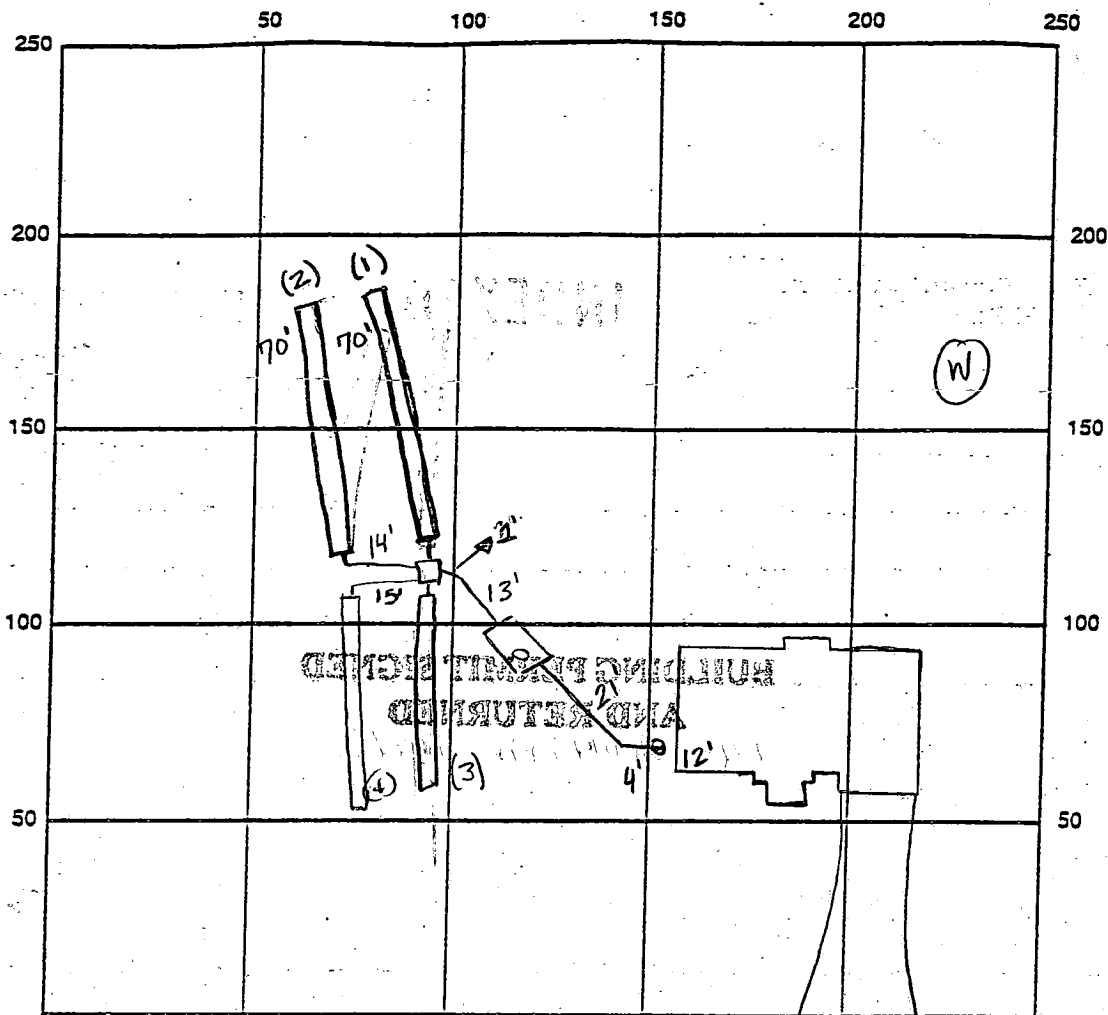
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 8 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 50385-A



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Bradford Lane

SEPTIC TANK LEVEL OK, 1250 gallons

CLEANOUTS 1 on tank, 1 at house

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH 4 x 70 = 280 FT.

NUMBER OF TRENCHES 4

ONE SIDEWALL/BOTTOM AREA 840 SQ. FT. 290
940

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 12.2.98 OK to cover 1st two trenches and continue on 3rd trench, needs house connection, cleanout on septic tank should be above grade when complete (km) 12/3/98 OK to cover all work - No house connection

House connection OK - AP 3/1/99

DATE SYSTEM APPROVED 3/1/99

INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 503857A

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE 11/10/94

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 William D. & Linda G. Hough C+P HOMES, INC

ADDRESS 17383 Hardy Road, Mt. Airy, MD 21771 PHONE (410) 795-5596

AGENT OR PROSPECTIVE BUYER Same

ADDRESS HA PHONE _____

PROPERTY LOCATION:

SUBDIVISION Hough Property Lot 6 Resubdivision LOT NO. 1

ROAD AND DESCRIPTION North side 17000 block of Hardy Road; 5100 +/- feet west of
St. Michael Road. (1001 Bradford Lane)

TAX MAP 7 PARCEL # 390

BLDG. PERMIT SIGNED
AND RETURNED 9-21-98
Serial # 200114122

SIZE OF LOT 60,000 SF TYPE BLDG. Single Family - 4Bm
(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.

William D. Hough
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

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

A50385A

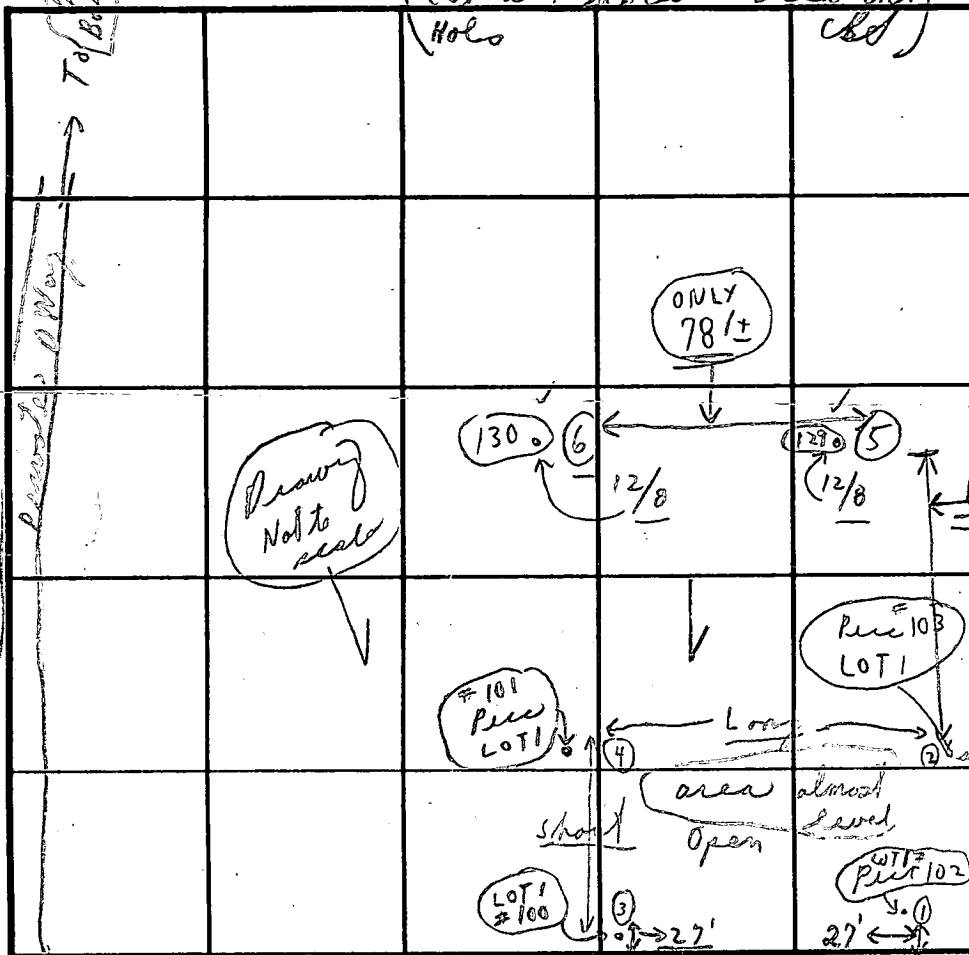
(6) all holes tested on

COUNTY #
Lot #1
SOIL PROFILE
Hole #1

0'-4'
Clay
4'
LOAM
Bottom
11'-8"

Hole #2
0'-3 1/2'
Clay
3 1/2'
LOAM
Bottom
11'

Hole #3
0'-4 1/2'
Clay
4 1/2'
LOAM
Bottom
11'-2"



SOIL PROFILE
Hole #4

0'-4 1/2'
Clay
4 1/2'
LOAM
Bottom
11'-3"
Bottom
11'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

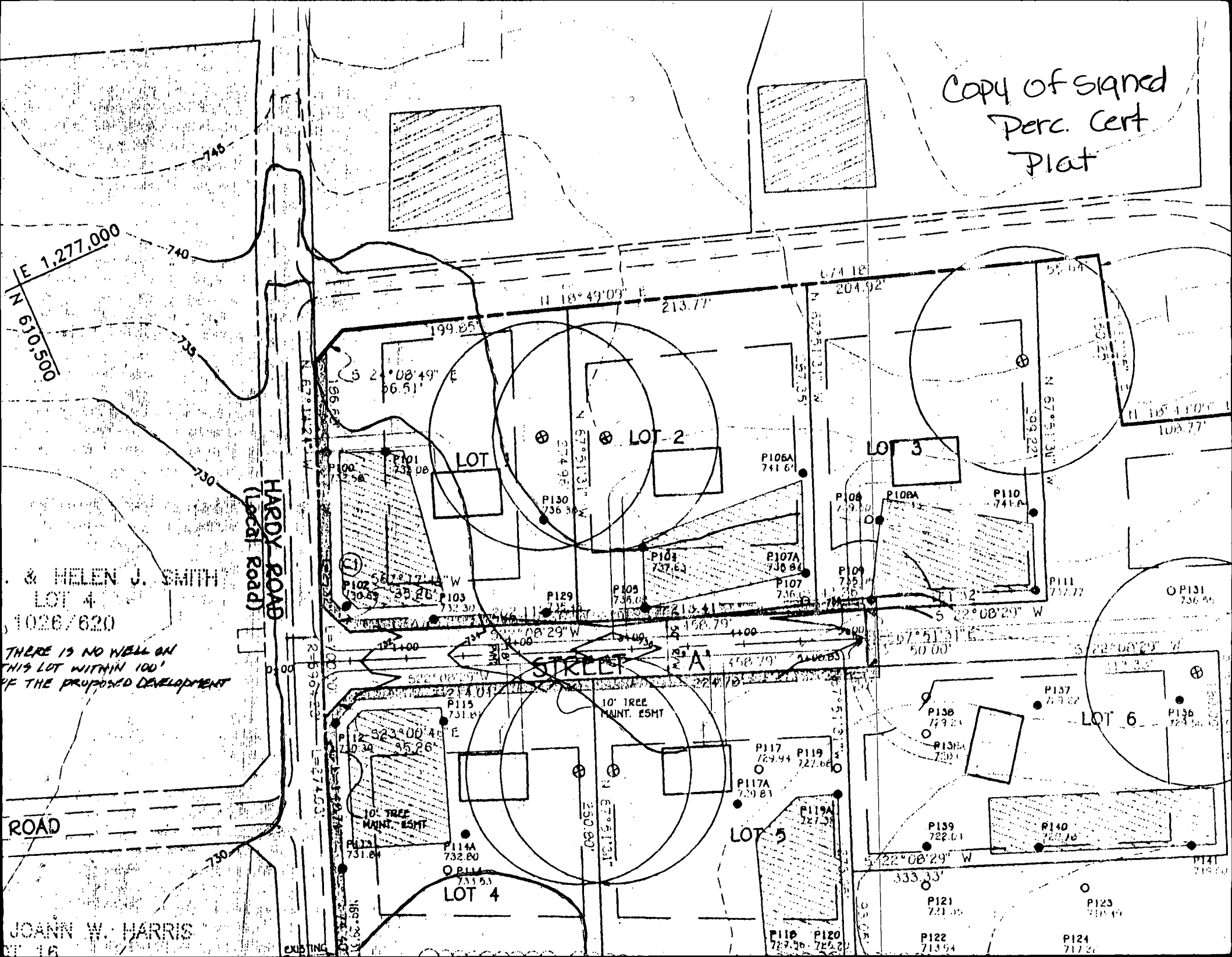
NARDY ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/2/94 (Wed)	#102 ①	4'	9:40	9:42	9:42	9:45	3m
		11' 8"	Dry	Loam	below clay		
	#103 ②	3 1/2'	9:37	9:38	9:38	9:39 1/2	1 1/2 ±
		11'	Dry	Loam	below clay		
	#100 ③	4 1/2'	1:08	1:13	1:13	1:26	13 in
		11' 2"	Loam				
	#101 ④	4 1/2'	1:06	1:11	1:11	1:20	9 in
		11'-3" (15)	10:50	10:55	10:55	11:05	10m
12/8	#129	11'	9:52	10:06	10:06	10:31	1 1/2 ±
12/8	#130	4'-3"	9:54	10:00	10:00	10:09	9m
		11'	Loam				

REMARKS: ② Holes dug at arrival, tests near stakes
 TYPE OF SOIL: Loam below clay (ALLEN BIGLER)
 TESTED BY: C.B. ALSO PRESENT: DAVID KREN (+ perc hole digger)
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

[12/9] 1st LOT -> (Warm + Dry weather) 12/8 Cold + windy

Copy of signed
Perc. Cert
Plat



& HELEN J. SMITH
LOT 4
1026/620

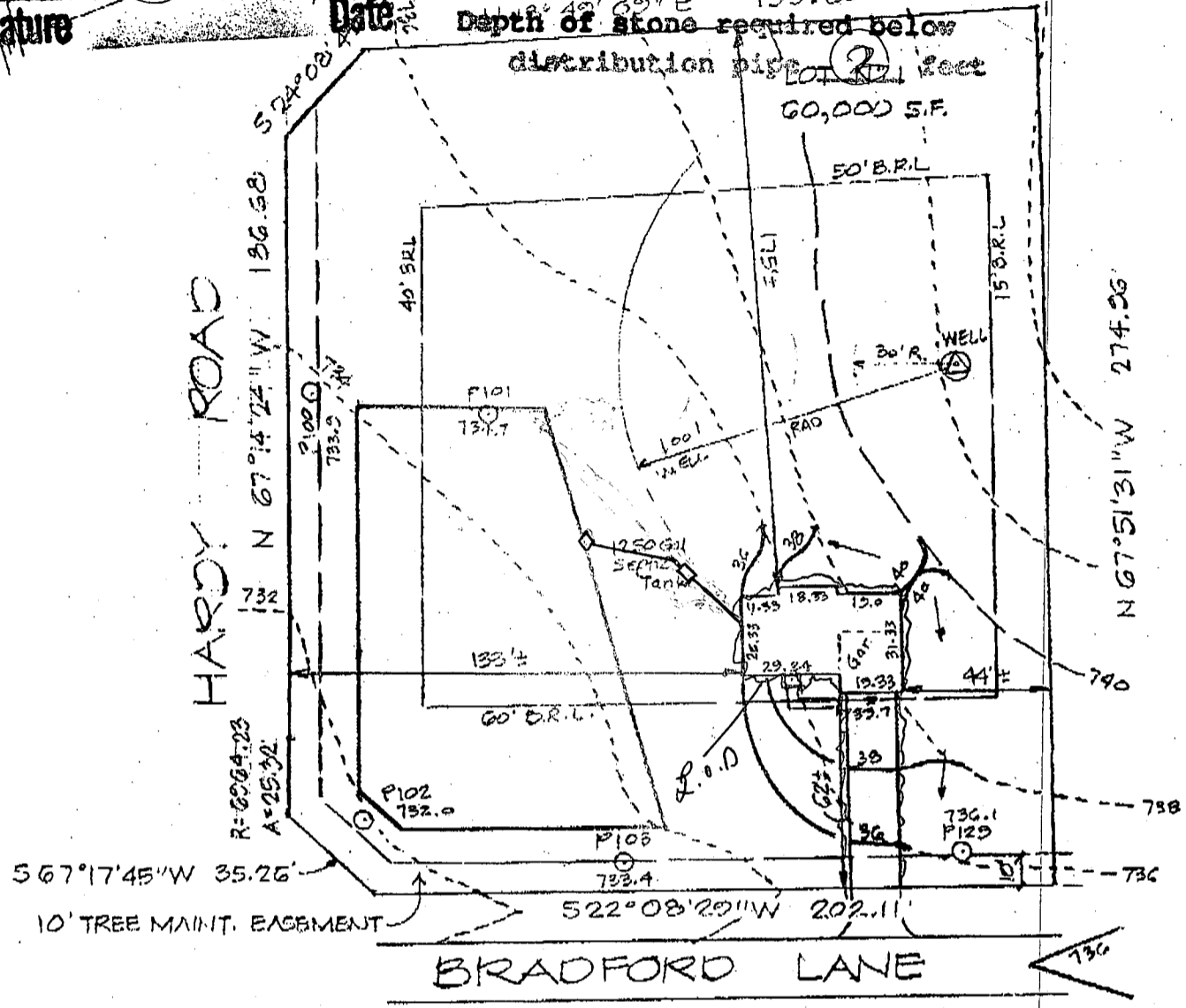
THERE IS NO WELL ON
THIS LOT WITHIN 100'
OF THE PROPOSED DEVELOPMENT

JOANN W. HARRIS
LOT 16

[Signature]
 Signature _____
 Date 9/21/98

Width of trench(es) 3 feet
 Depth of trench(es) 6 1/2 feet

Depth of stone required below distribution pipe 2 feet



House Elevations
 F.F. = 742.00
 C.E. = 733.33
 Gr. = 740.00

BUILDER TO VERIFY AVAILABILITY OF BASEMENT SEWER SERVICE PRIOR TO DWELLING STAKEOUT.

SEPTIC SYSTEM DESIGN:

- Inv. Out @ House 733.00
- Ex. Ground @ Septic Tank 735.70 735.00
 Inv. In @ Septic Tank 732.70 732.60
 Inv. Out @ Septic Tank 732.50 732.30
- Ex. Ground @ Dist. Box 734.50 734.50
 Inv. In @ Dist. Box 731.50 730.50

Post-It® Fax Note	7671	Date	9/16	# of pages	1
To	Pete Ryan	From	Bill		
Co./Dept.		Co.	CLSI		
Phone #	410 876 2017	Phone #			
Fax #	410 876-0009	Fax #	301 829 5547		

PLOT PLAN
 LOT N: 1

EXISTING GRADES SHOULD BE FIELD VERIFIED WHEN HOUSE STAKEOUT IS DONE.

"STELLAS CHOICE"
 RESUBDIVISION OF LOT 6 PLAT No. 10510
 (HOUGH PROPERTY)
 4th ELECT. DIST. HOWARD CO., MD.
 TAX MAP No. 7 PARCEL 300

DATE	REVISIONS

CLSI

Carroll Land Services
 Incorporated
 Engineers • Surveyors • Land Development Consultants
 Landscape Architects • Environmental Specialists
 439 East Main Street Westminster, MD 21157-6539
 (410) 876-2017 FAX (410) 876-0009

DRAWN BY:	BD
DESIGN BY:	BD
REVISED BY:	
DATE:	9/16/98
SCALE:	1" = 50'
JOB NO:	98120
SHEET:	1 OF 1

Peter Ryan C&P Homes

C1 4163 SEQUENCE NO. (MDE 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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A50385A

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 041896

Depth of Well 365 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-94-0721

OWNER: Hough (last name), William (first name) STREET OR RFD: Bradford Lane TOWN: Mt. Airy SUBDIVISION: Stella's Choice SECTION: LOT: 1

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Entries: Brown Shale (0-38), Blue Rock (38-365).

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 14, NO. OF POUNDS: 1316, DEPTH OF GROUT SEAL: 0 to 38 ft.

CASING RECORD: casing types insert appropriate code below. Codes: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER).

MAIN CASING TYPE: ST, Nominal diameter top (main) casing (nearest inch): 6, Total depth of main casing (nearest foot): 42.

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

SCREEN RECORD: screen type or open hole insert appropriate code below. Codes: ST (STEEL), BR (BRASS BRONZE), PL (PLASTIC), HO (OPEN HOLE), OT (OTHER).

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: Y (yes), N (no)

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 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

TYPE: MWD/MSD/MGD, DRILLERS LIC. NO.: 24

DRILLERS SIGNATURE: Joseph R. Mays

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.: 24

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

C2 DEPTH (nearest ft.): 41, 365

SCHEMATIC: 1 H0 41 365

SCHEMATIC: 2, 3

SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN (NEAREST INCH): 56, 60

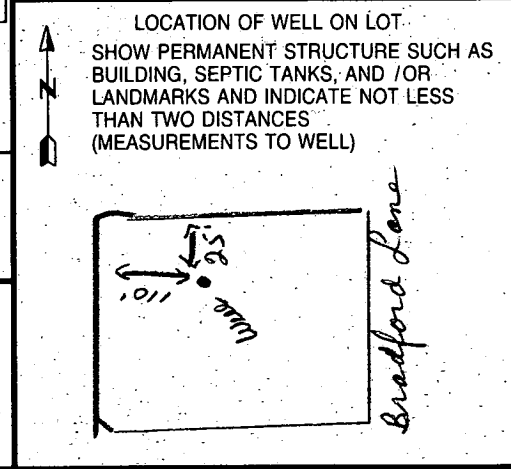
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), W Q

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED (nearest hour): 3, PUMPING RATE (gal. per min.): 008.5, METHOD USED TO MEASURE PUMPING RATE: Bucket, WATER LEVEL (distance from land surface): 47 ft. BEFORE PUMPING, 140 ft. WHEN PUMPING. 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, LAND SURFACE (nearest foot): 50



B 1 3058 SEQUENCE NO. (MDE 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
 HO-94-0721
 fill in this form completely

Date Received (APA) 031496
 OWNER INFORMATION
 HOUGH WILKLIAM
 17383 HARDY RD
 MTAIRY MD 21771

B 3 LOCATION OF WELL
 HOWARD COUNTY
 STELLAS CHOICE SUBDIVISION
 SECTION LOT 1
 MTAIRY
 MILES FROM TOWN (enter 0 if in town) 3 1/2 MI

DRILLER INFORMATION
 Joseph L. MAYNE
 Joseph L. MAYNE Well Drilling Co.
 5512 RIDGE RD. Mt. Airy MD 21771
 Joseph L. Mayne 3/13/96

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 TOWN
 NEAR WHAT ROAD Bradford Lane
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 160
 DISTANCE FROM ROAD ENTER FT OR MI FT
 TAX MAP: 7 BLK: PARCEL 390

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 A 50385A
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE DATE ISSUED 032296
 CO SIGNATURE EXP. DATE 3/21/97
 NORTH GRID 550000 EAST GRID 0765000

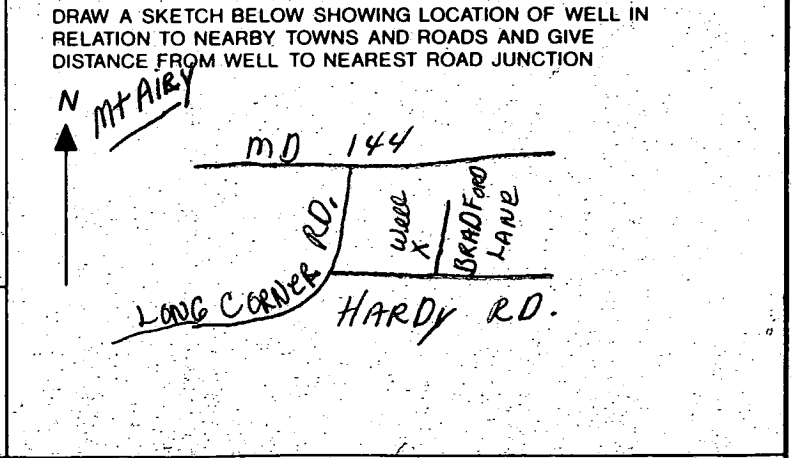
APPROXIMATE DEPTH OF WELL 260 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

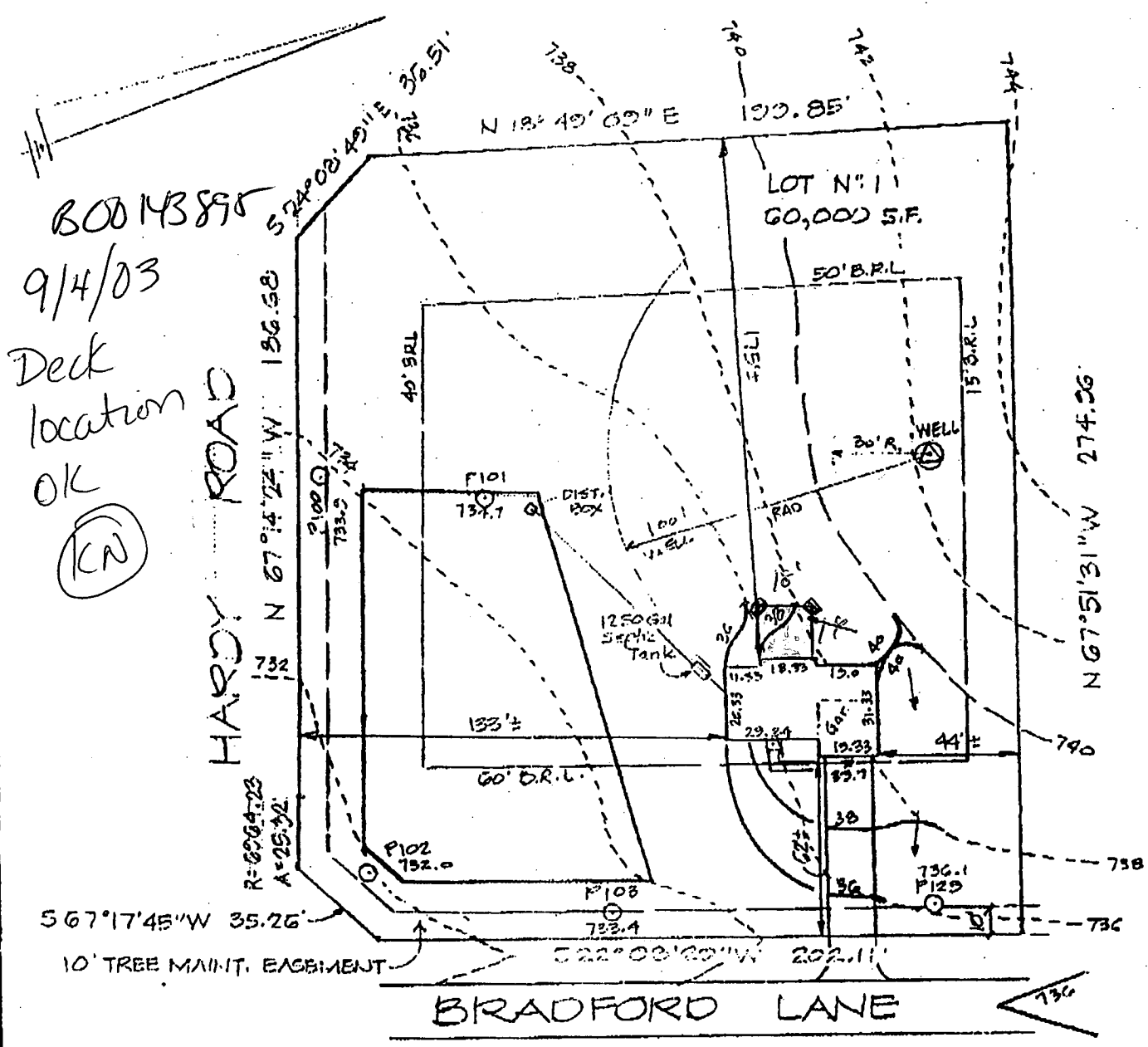
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTary AIR-Percussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary Drive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. well
 2. 42' casing
 3. 14 bags
 38 open
 WRITE THE BOX NUMBER FROM THE MAP HERE
 7625
 550

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; CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROX. PERMIT NUMBER GAP
 FORCE DS WRITE INITIALS IN BOX PERMIT No. HO-94-0721



House Elevations
 F.F. = 742.00
 C.E. = 733.33
 G.M. = 740.00

BUILDER TO VERIFY AVAILABILITY OF BASEMENT SEWER SERVICE PRIOR TO DWELLING STAKEOUT.

SEPTIC SYSTEM DESIGN:

- 1. Inv. Out @ House ----- 733.00
- 2. Ex. Ground @ Septic Tank .. 735.70
 Inv. In @ Septic Tank 732.70
 Inv. Out @ Septic Tank 732.50
- 3. Ex. Ground @ Dist. Box 734.90
 Inv. In @ Dist. Box 731.20

Post-It® Fax Note	7671	Date	9/16	# of pages	1
To	Pete Ryan	From	Bill		
Co./Dept.		Co.	CCSE		
Phone #	410 876 2017	Phone #			
Fax #	410 876-0009	Fax #	301 829 5547		

PLOT PLAN
 LOT N:1

STELLAS CHOICE

EXISTING GRADES SHOULD BE FIELD VERIFIED WHEN HOUSE STAKEOUT IS DONE.