

LAYOUT 3/19/02 @ 11am-12pm INSP 4 _____
INSP 2 3/22/02 PM INSP 5 _____
INSP 3 _____ INSP 6 _____

04-354443

ISSUE DATE: 3/01/2002

P 516550

APPROVAL DATE: 3/22/02

A 43323

PERMIT INDEXED

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

Barnard Brothers Construction Co., Inc.

IS PERMITTED TO

INSTALL ☒ ALTER ☐

ADDRESS: 1612 Brittle Branch Way, Woodbine 21797

PHONE NUMBER: 410-489-7621

SUBDIVISION: Pleasant Hills

LOT NUMBER: 7

(410) 549-2575

ADDRESS: 2032 Watkins Way

PROPERTY OWNER: Charles Tomasavich

SEPTIC TANK CAPACITY (GALLONS):

1500

OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS):

N/A

COMPARTMENTED TANK REQUIRED ☐

NUMBER OF BEDROOMS:

4

Homeowner elects to have
1500 installed ok SRK

SQUARE FEET PER BEDROOM:

210

1250 minimum per COMAR

LINEAR FEET OF TRENCH REQUIRED:

280

HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.5 feet below original grade. 1.5 feet of stone below distribution pipe.
LOCATION:	Place the distribution box 190' down the left lot line and 50' off the same lot line when facing the lot from Watkins Way. Run trenches along contour (3-93' trenches preferred 10' center to center)
NOTES:	

PLANS APPROVED:

Steven R. Krieg

OK SO SRK 3/5/02

2/05/2002

NOTES: PERMIT VOID AFTER 2 YEARS

CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

WATERTIGHT SEPTIC TANKS REQUIRED

ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED

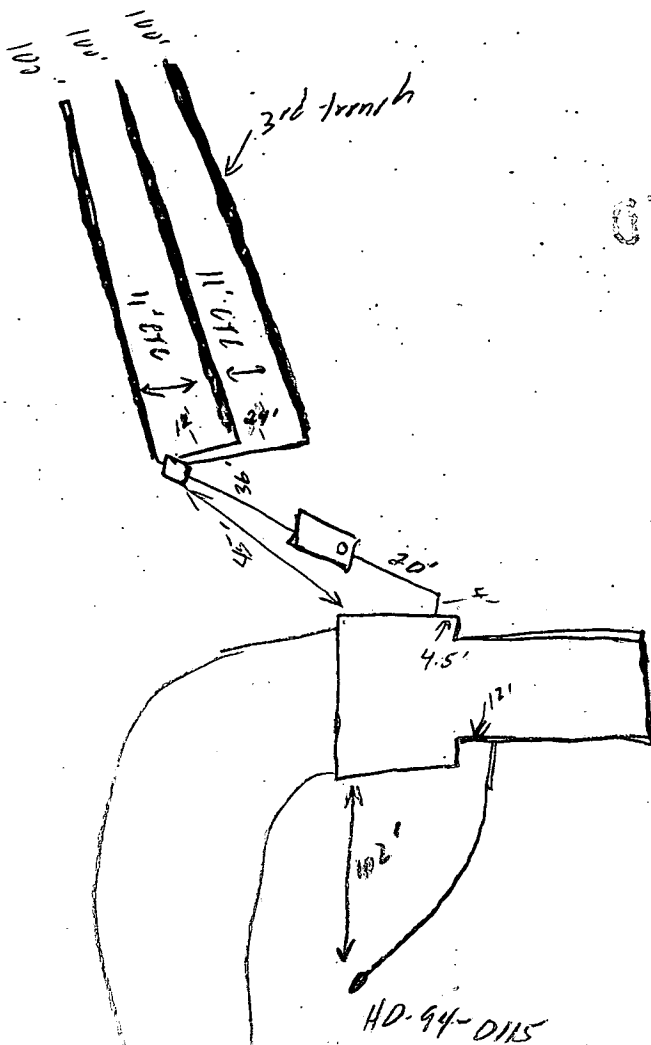
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

443323

NOT TO SCALE



03X30116

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4-4.5'	5.56'
NUMBER OF TRENCHES		3
TOTAL LENGTH		300'
ABSORPTION AREA		9004
DISTRIBUTION BOX LEVEL		YES
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	18"
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	
6" PORT LOC	Front
WATERTIGHT TEST	
SEPTIC TANK 2 LEVEL	
CAPACITY	
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	

Watkins Way

ROAD

PRE-CONSTRUCTION 3/19/02 - Move D.B. outside of corner of S.R.A.
To save space on trenches (SO)
 INSTALLATION 3/22/02 OK to com all work. Noted - invert
6" high in 3rd trench (SO)

FINAL INSPECTOR

[Signature]

DATE OF APPROVAL

3/22/02

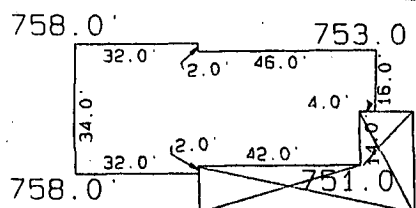
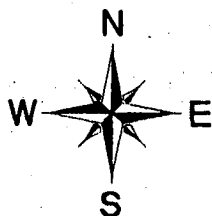
(A) = Prop. 4 Bedroom 2 Story House
 Gar. Elev. = 759.0'
 F.F.E. = 761.5'
 B'smt. Elev. = 751.5'
 Inv. Elev. = 756.6'

(B) = Prop. Septic Tank
 Ex. Elev. = 758.9'
 Inv. In = 756.3'
 Inv. Out = 756.0'

Top of Tank
757.3

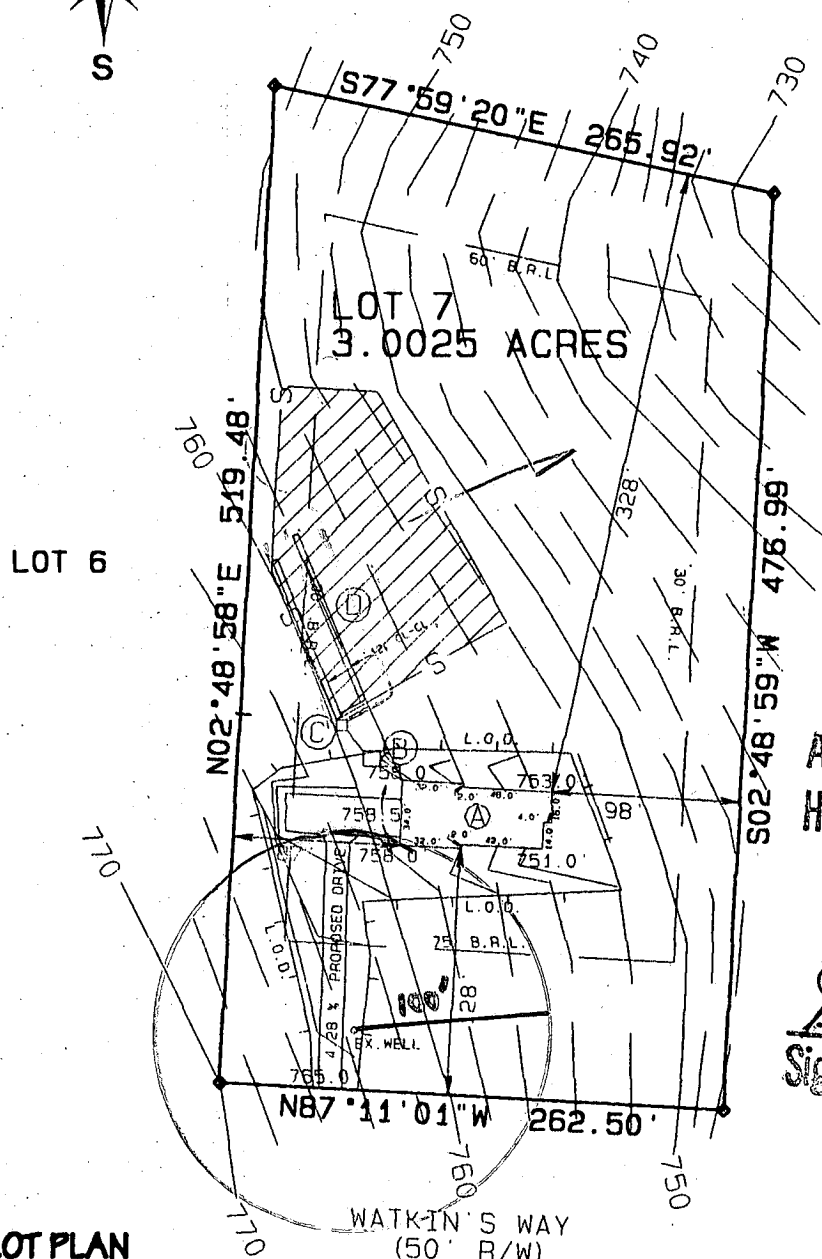
(C) = Prop. Dist. Box
 Ex. Elev. = 759.5'
 Inv. Elev. = 755.3'

(D) = Prop. Trenches
 Inv. Elev. = 755.0'
 Length to be determined
 at time of septic permit
 issuance.



HOUSE DETAIL
(N.T.S.)

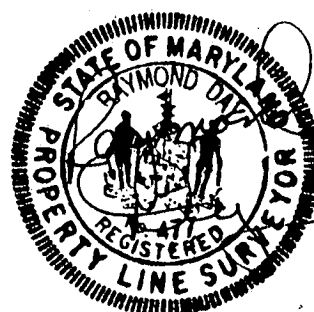
NO Basement
Service by gravity



PLOT PLAN
 LOT 7
 PLEASANT HILLS
 SITUATED ON WATKIN'S WAY
 ELECTION DISTRICT No. 4
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' SEPTEMBER 2001
 OWNER: CHARLES TOMASEVICH, CAROL DUFFY
 BUILDER: BARNARD BROTHERS CONSTRUCTION CO.

Approved Septic System Plan
Howard County Health Department

Steven R. Kuey
 Signature Date 2/5/02



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
PLAT No. 10512

JOB NO.

RAYMOND J. DAY
 LAND SURVEYOR
 65 DRIFTWOOD DRIVE
 SWANTON, MARYLAND 21561
 301-387-8573

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-3640**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a completed form is required prior to use and occupancy approval.

Company Name: K.H. Plumbing Telephone #: 410-857-0255
Address: 4700 Davis Dr
Westminster, MD 21158

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:

Name (Print): Keith Hundertmark License # 8300
*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Charles Thomasovich Telephone #: 301-963-3479
Subdivision: Pleasant Hills Lot #: 7 Well Tag #: HO-74-0115
Site Address: 2032 West Kings Hwy
MT. Airy, MD 21771

Submersible Pump Data
Make: Veeco Model: 7-5451RBS2 Pump Capacity: 2 GPM
Well Yield: 0 GPM
Depth of well encountered at time of pump installation: 300 (feet)
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors on cable guides are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt

Pitless Adapter
Make: American Gully Model: PT800 Depth: 42 (36" min)
NSF approved: Yes

Well Cap and Electric Conduit
Two piece watertight cap: ☒
Screened, vented well cap: ☐
Cap secured to casing: ☒
Conduit min 1/2" B.G.: ☒
Conduit secured to well cap: ☒

Piping to house
Type: 1/2" IPS-PE3408
PSI: 160 (160 psi min)
Depth of supply line: 42 (36" min)

House Connection
PVC sleeved to undisturbed soil at full penetration ☒
Approximate length of sleeve: 6
Sleeve caulked and sealed properly ☒

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Keith Hundertmark
Date: 4-8-02

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: _____ Date Insp. Approved: 3/19/02 (50)
Inspection Data: Pitless adapter and water supply line at least 36" below grade ☒
Two piece cap installed and attached to casing securely ☒
Elec. conduit extends at least 18" below grade/attached to cap properly ☒
Safety rope installed inside of well casing ☒
Correct well tag attached properly and casing 8" above finished grade ☒
Water supply line sleeved adequately at house connection ☒
Adequate ground observed below pitless adapter ☒

C1 1175

SEQUENCE NO.
(BENV USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORTFILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A43323

ST/CO USE ONLY
DATE Received

8	9	10	11	12	13
---	---	----	----	----	----

DATE WELL COMPLETED

072094

Depth of Well

22 300 26
(TO NEAREST FOOT)

On DKS 9/30/94

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

HD-94-0115

OWNER

STREET OR RFD

last name

FIRST WOMENS BANK

first name

TOWN

Rockville Md.

SUBDIVISION

Pleasant Hills

SECTION

LOT

7

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)FEET
FROM TOCheck
if water
bearingBrown shell
Grey "

0 30

30 300

240

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes ☒ Y no ☐ N

TYPE OF GROUTING MATERIAL

CEMENT ☒ CMBENTONITE CLAY ☐ BC

NO. OF BAGS

NO. OF ROUNDS

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 50 ft.
(enter 0 if from surface)casing
types
insert
appropriate
code
below

CASING RECORD

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)

ST

4

50

EACH
CASINGOTHER CASING (if used)
diameter depth (feet)
inch from to

screen type
or open hole
insert
appropriate
code
below

SCREEN RECORD

ST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OTHER

C2

DEPTH (nearest ft.)
1 H 50 300
2
3
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

MDE USE ONLY

(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

W Q

70

72

74 75 76

TELESCOPE
CASINGLOG
INDICATOR

OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min. to nearest gal.)

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

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 USETYPE 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)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS
BUILDING, SEPTIC TANKS, AND/OR
LANDMARKS AND INDICATE NOT LESS
THAN TWO DISTANCES
(MEASUREMENTS TO 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 PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.

DRILLERS IDENT. NO.

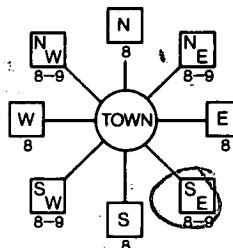
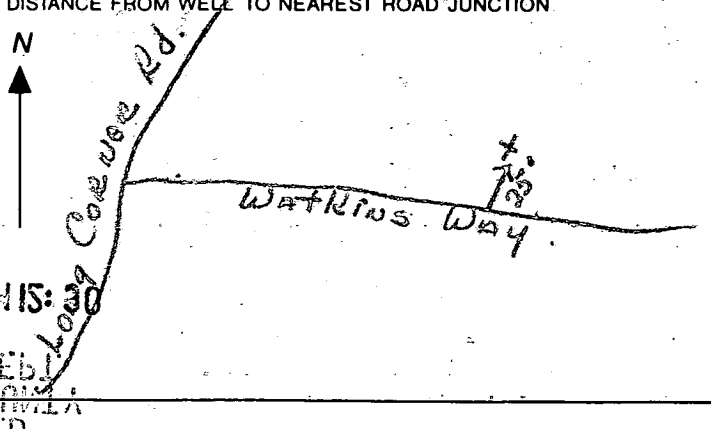
410

DRILLERS SIGNATURE

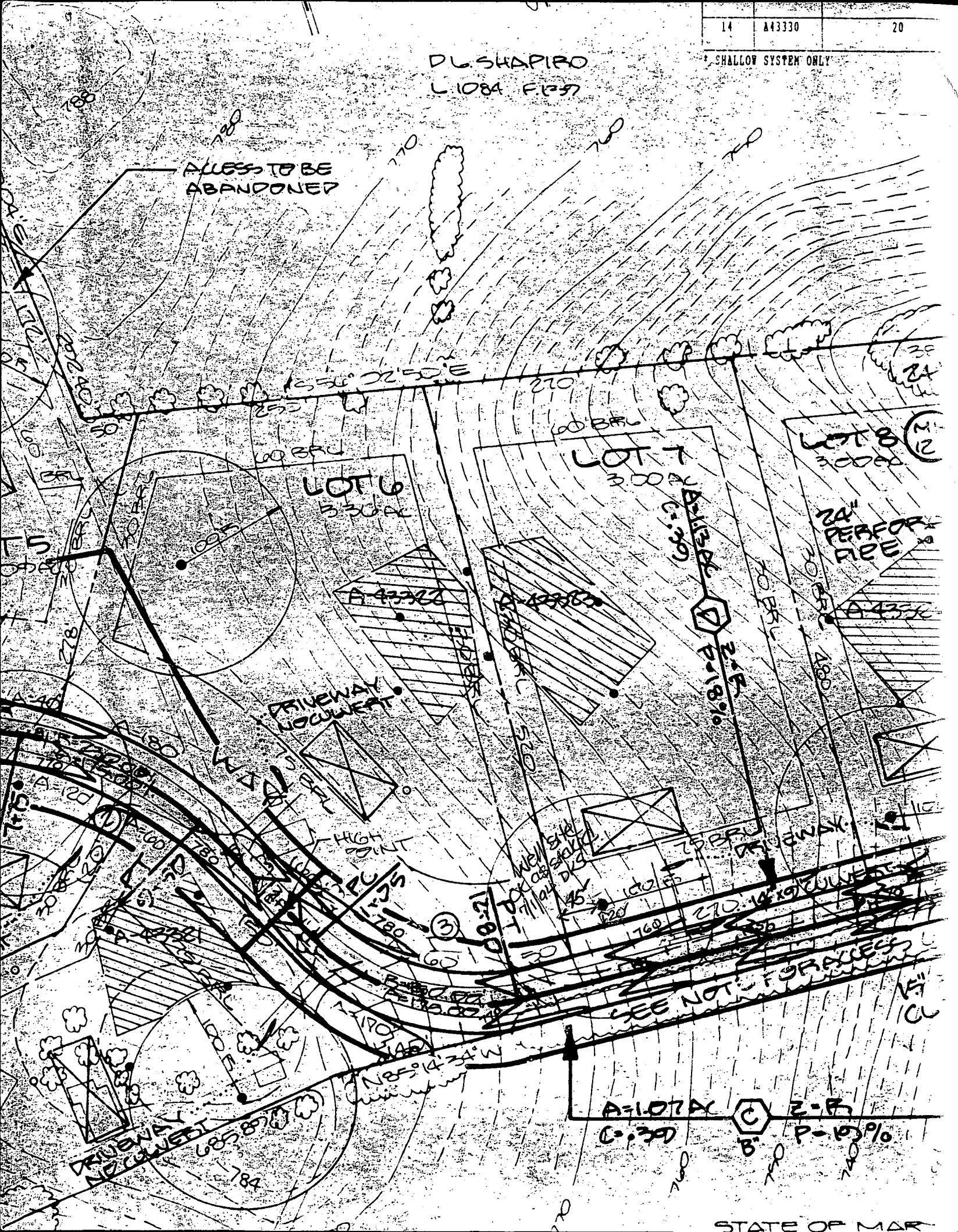
(MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY

B 1 04819 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (DP USE ONLY)	9:00 PM 7/19/94 STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-94-0115 fill in this form completely
Date Received (APA) 041394 OWNER INFORMATION 15 Last Name: FERST Owner: WPMENS First Name: BANK 34 1800 ROCKVELLE PKE 36 Street or RFD: 55 204 KUILLE 57 Town: 70 State 72 Zip: 76		B 3 LOCATION OF WELL 1 2 8 COUNTY: HOWARD 21 23 SUBDIVISION: PLANTATION MILLS 42 SECTION: 44 46 LOT: 48 50 52 NEAREST TOWN: MT AIRY 71 MILES FROM TOWN (enter 0 if in town) 4 73 76 77 78	
DRILLER INFORMATION Driller's Name: GARY SHAFF 77 License No. 80: 410 Firm Name: T & H Drilling Co. Address: 7504 SHARPSBURG PIKE BOONSHAW, MD. 21713 Signature: Gary Shaff Date: 3-20-94		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 NEAR WHAT ROAD: Watkins Rd. 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  34 25 37 DISTANCE FROM ROAD ENTER FT or MI: 57 38 39	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 10 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 200 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME: Howard COUNTY NO.: A43323 STATE SIGNATURE: _____ INSERT S DATE ISSUED: 070194 CO-SIGNATURE: _____ EXP. DATE: 07/01/95 NORTH GRID: 5400000 EAST GRID: 0755000 50 55 57 63	
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)		APPROXIMATE DEPTH OF WELL 200 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST 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 _____		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 755 N 540 000 000	
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) 41 _____ 52		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ GAP _____ 21 VBB 13 54 63 FORCE 25 WRITE INITIALS IN BOX PERMIT No. 40-94-0115 67 68 70 71 72 73 74 75 76 77 78 79 80 SPECIAL CONDITIONS RECEIVED			

* SHALLOW SYSTEM ONLY



APPLICATION

PERCOLATION TESTING

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

A 43323

P _____

DISTRICT 474

DATE 1-4-89

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 Nelson M. Watkins

ADDRESS 26311 Howard Chapel Road PHONE (301) 859-0563

Damascus, MD 20878

PROSPECTIVE BUYER Standard Management Corporation

ADDRESS 10324-B Baltimore National Pike PHONE (301) 859-0563
Ellicott City, MD 21043

PROPERTY LOCATION:

SUBDIVISION Pleasant Hills LOT NO. 7

ROAD AND DESCRIPTION Off of Long Corner Road

TAX MAP 12 PARCEL # 5

SIZE OF LOT 3.0 Ac. TYPE BLDG. Single Family
(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.

Fred Kowalski
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

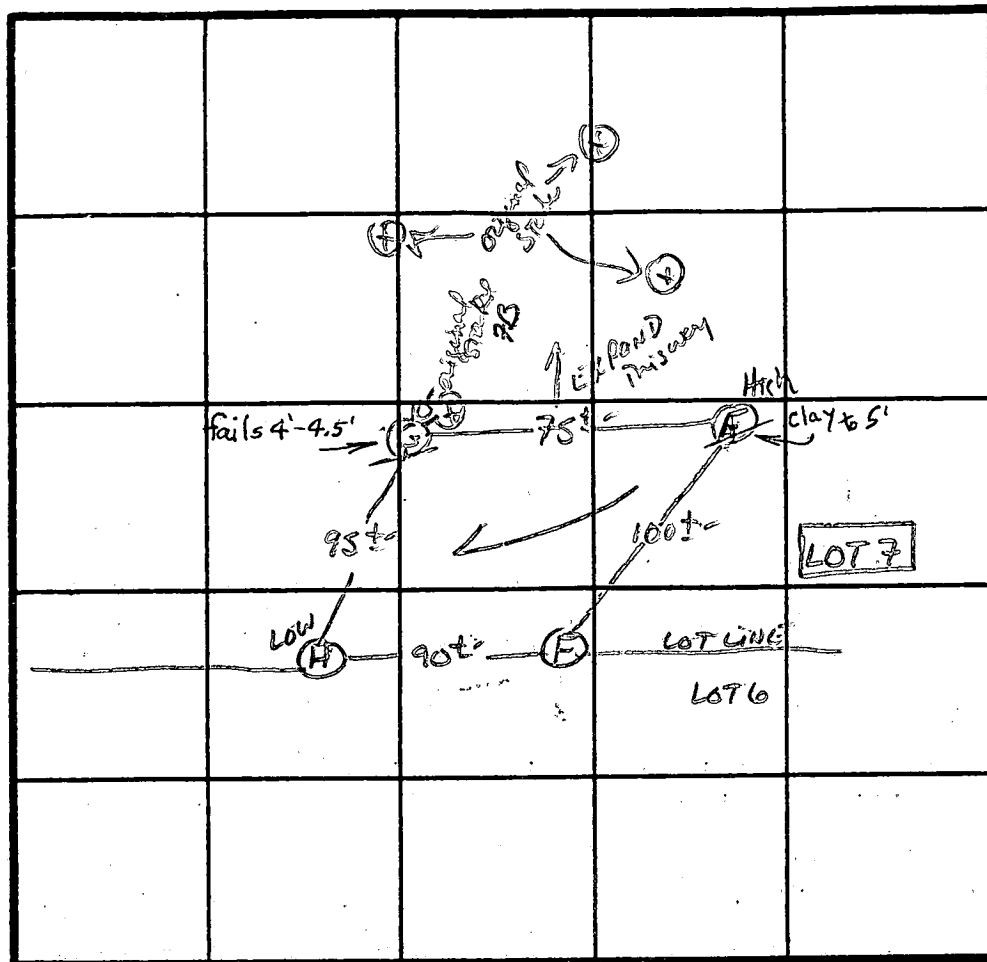
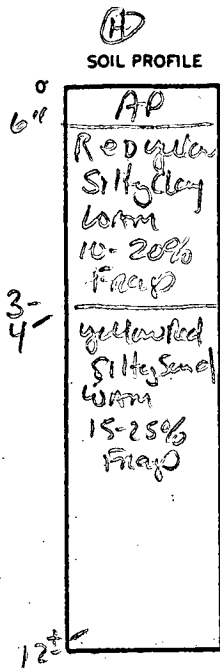
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1-26-89 Per SATISFACTORY; Hold for Subd. PLAT. Seller

HD-216

THIS IS NOT A PERMIT

A-43723



XPERC 11min
210#1BA
INLET-4.5'
BOTTOM-6.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

LONG CORNER Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/26/89	F S	5"	12:18	12:33	12:33	12:50	17min
	H S	12"	Similar to profile				
	H S	4.5"	12:41	12:50	12:50	1:12	22min
	H S	12"	As profile				
	E S	6.0"	12:56	12:58	12:58	1:03	5min
	E S	12.5"	Similar to profile w/ less Fragn clay to 5"				
	G S	4.0"	1:51	NO MOVEMENT			
	G S	14.5"	Similar to profile. Clay to 4.5-5.0"				
	G Si	6"	1:06	1:10	1:10	1:19	9min

REMARKS Holes DIFF THAN PLAT - Shallow Syst only.

TYPE OF SOIL mt Airy

TESTED BY S. Aul

ALSO PRESENT JACK R. PERRY, Jeff Allen

CURVE#	RADIUS	LENGTH	CHORD	CHORD BEARING	DELTA ANGLE	TANGENT
C1	50.00'	218.63'	81.65'	S 32°26'53" E	250°31'44"	70.71'
C2	50.00'	75.31'	68.39'	N 65°26'06" E	86°17'41"	46.87'
C3	50.00'	50.00'	47.94'	S 42°46'10" E	57°17'47"	27.32'