2/7/00
2:30 C.O.
2/8/00
C.O. 11:00 AM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED
04-354419

P 513253

A 43318

DISTRICT

DATE 2/4/2000

DATE SYSTEM APPROVED 2/8/00

INSPECTOR S.R.K.

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~461-9533~~ (410) 313-2640

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

ADDRESS 580 Obrecht Road Sykesville, MD 21784 PHONE (410) 795-5670

SUBDIVISION Pleasant Hills LOT 4 ROAD 2008 Watkins Way

PROPERTY OWNER ~~Michael T. Stysley~~ CARL GRAZIANO

ADDRESS

TOP SEAMED TANK REQUIRED

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280 ✓

PUMPED SEPTIC SYSTEM PROPOSED

INSTALL: 1-1250 GALLON TOP SEAMED PUMP CHAMBER

NOTES: - Septic pump detail to be provided by install prior to issuance of septic permit.
- Pump performance test is necessary prior to Health Department approval of pumped septic system.

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Starting at the right rear lot corner, place the distribution box 190 feet down the right (444.93') lot line and 80 feet off this same lot line as seen from Watkins Way. Run trenches along contour towards the left side of the lot (558.28')

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 10/4/99 SRK

BUILDING PERMIT SIGNED AND RETURNED

PLANS APPROVED BY Donna K. Soe 3-27-03 B0014096G-DSK DATE : 9-13-1999

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

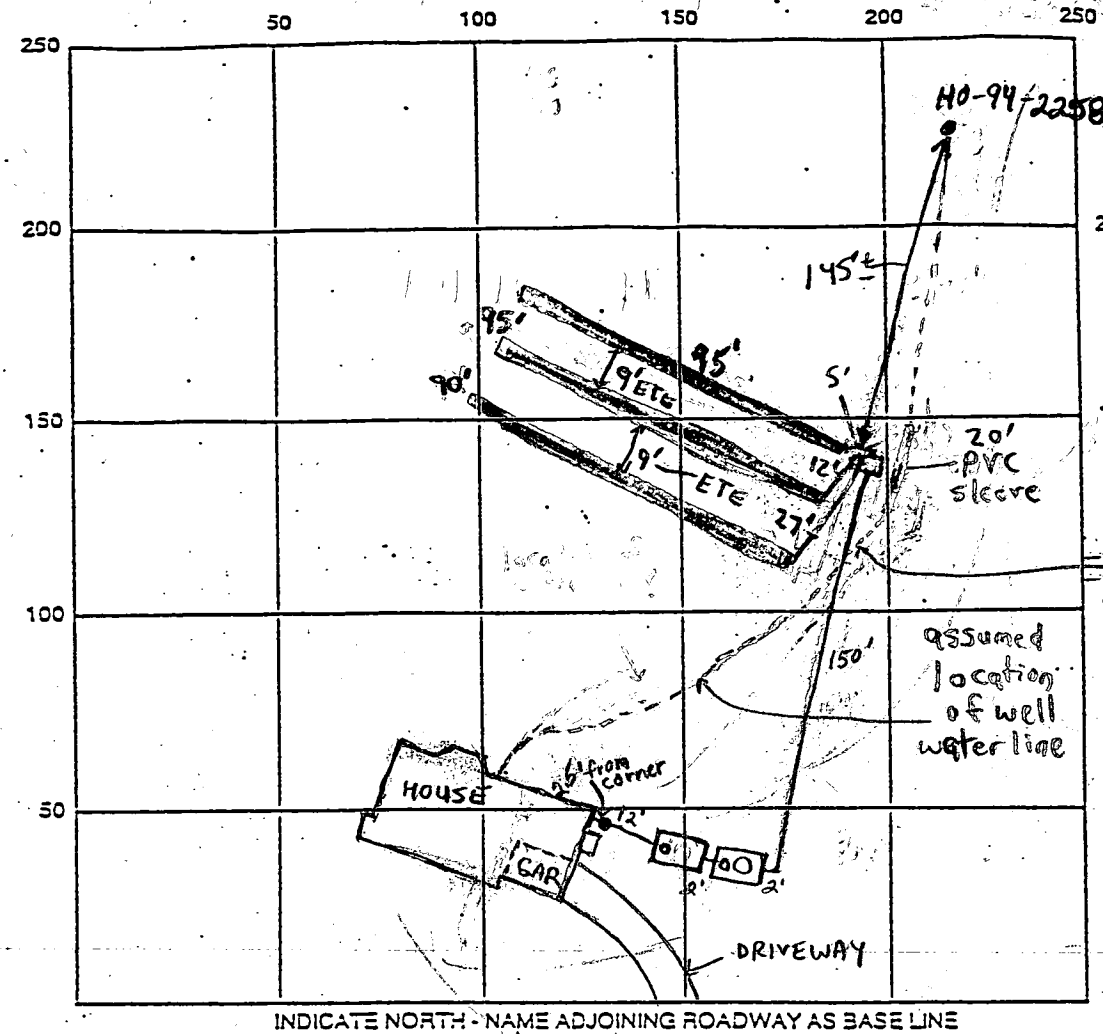
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

H3318

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
*CALL 461-9533 FOR INSPECTION OF SEPTIC SYSTEM.

HD-260(5-90)



2/8/00
WELL WATER LINE IS 12" ABOVE SEPTIC FORCE MAIN
OK SRK

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Watkins Way

SEPTIC TANK LEVEL 2-Top Seamed 1250 gallon CLEANOUTS 1-4" House, 2-6" Tank, 1-Pump Tank Manhole

DISTRIBUTION BOX LEVEL ✓ Baffle is in (Monitoring pipe on D-Box)

DRAIN FIELD/TITLE DEPTH 5.0 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 280 FT.

NUMBER OF TRENCHES 3 ~~ONE SIDEWALL~~ BOTTOM AREA 840 SQ. FT.

DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 2/7/00 House connection made. First trench looks O.K. Second trench started. OK to cover tanks (BB) 2/8/00 - REST OF SYSTEM OK, OK TO COVER, HIGH WATER ALARM OK & Pump OPERATIONAL (SRK)

DATE SYSTEM APPROVED 2/8/00 INSPECTOR Steven R. Krug

SEPTIC SPECIFICATIONS WORK-SHEET

SUBDIVISION: Pleasant Hills A 433818

STREET NAME: Watkins Way LOT NUMBER: 4

AVERAGE PERCOLATION RATE: 9 SQUARE FEET PER BEDROOM: 210

NUMBER OF BEDROOMS: 4 LINEAR FEET OF TRENCH PER BEDROOM: 70

TOTAL LINEAR FEET OF TRENCH: 280 SEPTIC TANK CAPACITY: 1250

TOP SEAMED TANK REQUIRED? (YES) NO (Due to rock)

COMPARTMENTED TANK REQUIRED? YES (NO)

TRENCH DIMENSIONS: Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

PUMPED SYSTEM PROPOSED: (YES) NO

PUMPED SEPTIC SYSTEM DETAIL: 1250 gallon pump chamber.

(YES) NO Top seamed pump chamber required?

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test is necessary prior to Health Department approval of pumped septic system.

LOCATION: Starting at the right rear lot corner place the distribution box 190' down the right (444.93') lot line and 80 off this same lot line as seen from Watkins Way. Run trenches along contour towards the left side of the lot.

ADDITIONAL NOTES:

Reviewer: DKS Date: 9/13/89

A 43318

SUBDIVISION: Pleasant Hills/off Long Corner Rd LOT NUMBER: 4

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	Septic Tank	Minimum Total Square Feet
3 bedroom	1000 gallon	
(4 bedroom)	1250 gallon	
5 bedroom	1500 gallon	

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

210 sq. ft./bedroom

70 ft./bedroom x 4 bedroom = 280 ft.

Trench to be 3' 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.

1.5 feet of stone below distribution pipe.

NOTE:
(1) No trench to exceed 100 feet in length.
(2) If more than one trench used, a distribution box is required.
(3) Trenches to be installed on level ground.
(4) Call for inspection of trench before gravel is installed.
(5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
(6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: Place the distribution box 395' down the left (558.28') lot line 105' off the same lot line as seen when facing the lot from Watkins Way. Run trenches along contour towards the right side of the lot. 5/19/94 DKS

HD-191

3/1-5/99
10:00
3/9/99

APPLICATION

PERCOLATION TESTING

NCSD
Proposed Replacement of Platted sewage easement for house location purposes.

A 511396

P

DISTRICT 4

DATE 2/5/99

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

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 STYSLRY HOMES INC

ADDRESS 16445 OLD FREDERICK RD PHONE 410-442-2190 410 499-9094 -CELL

AGENT OR PROSPECTIVE BUYER MICHAEL T. STYSLRY

ADDRESS 16445 OLD FREDERICK RD PHONE 410-442-2190

PROPERTY LOCATION:

SUBDIVISION PLEASANT HILLS LOT NO. 4

ROAD AND DESCRIPTION WATKINS WAY (2008) OFF LONG LOWER Rd. (MT. AIRY)

TAX MAP 6 #12 PARCEL # 5 PLAT 10511 LIBER - 4171 Folio 691

SIZE OF LOT 3.4158 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. Michael T. Styslry
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ BLDG. PERMIT SIGNED AND RETURNED 2-8-99

REASONS FOR REJECTION OR HOLDING _____ Issued 2/10/1999 SFD-4Bdrm

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

HD-216 (3/92)

COUNTY #

SOIL PROFILE (4)(5)(6)

0'

topsoil

1'

org bm cl lm

lt org brn si lm w/shale

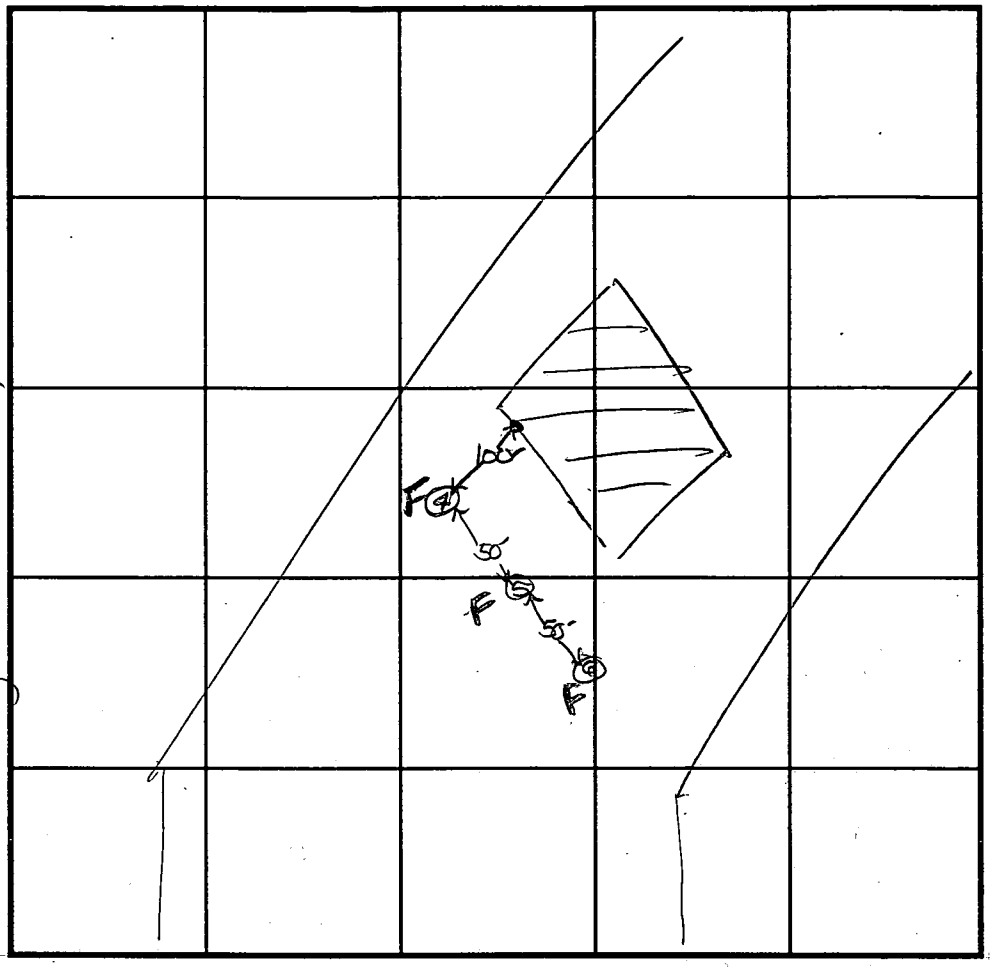
7'

>50% shale

8.5

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Watkins Way

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3-9-99	4	8.5'D	Visual	(>50% rock	@7.0')		FAIL
	5	7.5'D	Visual	(>50% rock	@3.5')		FAIL
	6	8'8"D	Visual	(>50% rock	@6.0')		FAIL

REMARKS

TYPE OF SOIL

TESTED BY D. See ALSO PRESENT M. Stysley

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 43318

P

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

DISTRICT 4TH

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 Nelvon M. Watkins

ADDRESS 26311 Howard Chapel Road, Damaccas, MD 20878 PHONE (301) 859-0563

PROSPECTIVE BUYER Standard Management Corporation

ADDRESS 10324-B Baltimore National Pike, Ellicott City, MD 21043 PHONE (301) 461-6777

PROPERTY LOCATION:

SUBDIVISION Pleasant Hills LOT NO. X 4

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. Ford Koontz
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1-26-89 Perc SATISFACTORY - AREA TO BE SPLIT FOR BOTH LOTS 1 & 2, Hold for Subd. PLAT. S. Abel

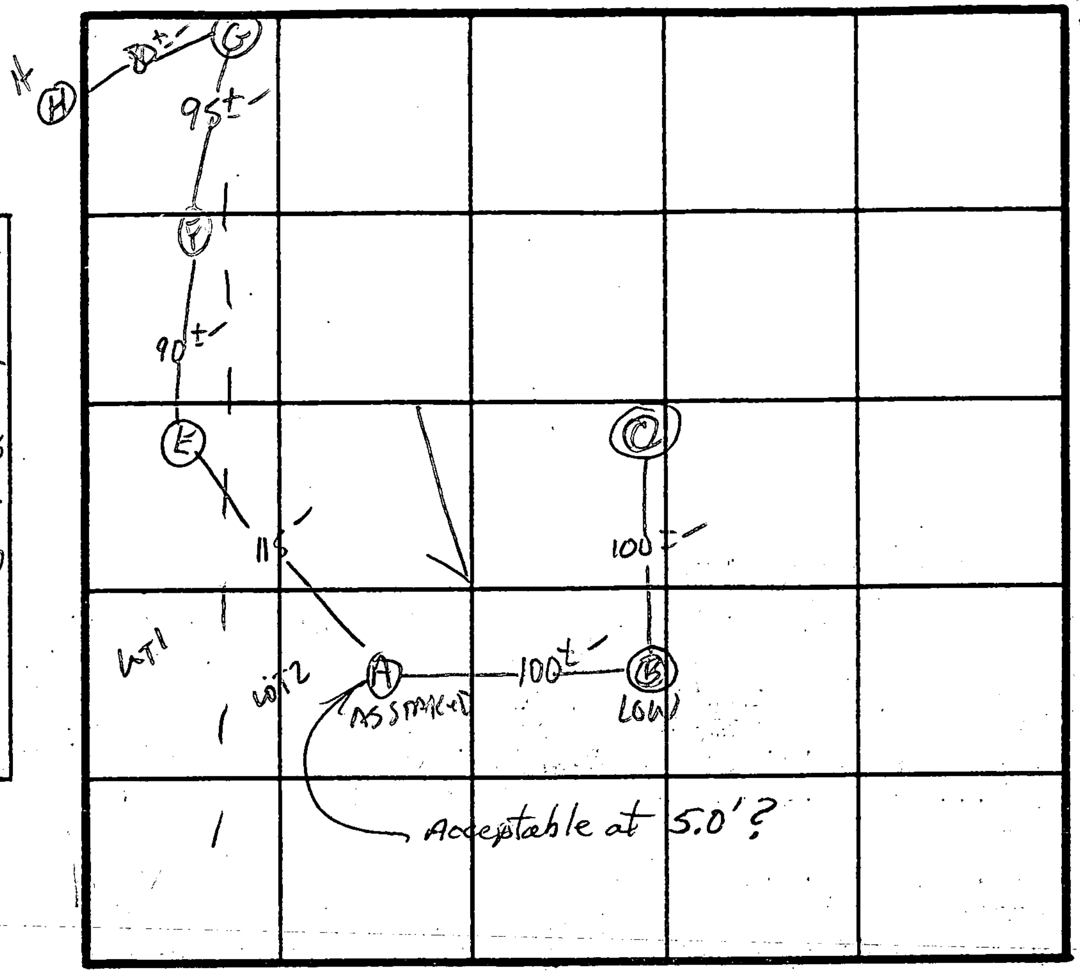
HD-216

THIS IS NOT A PERMIT

A-43318.

(A)
SOIL PROFILE

Depth	
0" – 8"	AP
8" – 2'	Yellow Br Clay Loam <10% Frag
2' – 5'	Yellow Red Silty Clay Loam 15-25% Frag
5' – 13'	Yellow Br Silty Sand Loam 30-45% Frag



X Perc 9 min
210 ¢/BR
Inlet 3.5'
Bottom 5.0'

(F)

Depth	
0 – 8"	AP
8" – 3.5'	Yellow Br Silty Clay Loam 15-25% Frag
3.5' – 12'	Yellow Br to Tan Silty Sand Loam 30-40% Coarse Frag Shaly

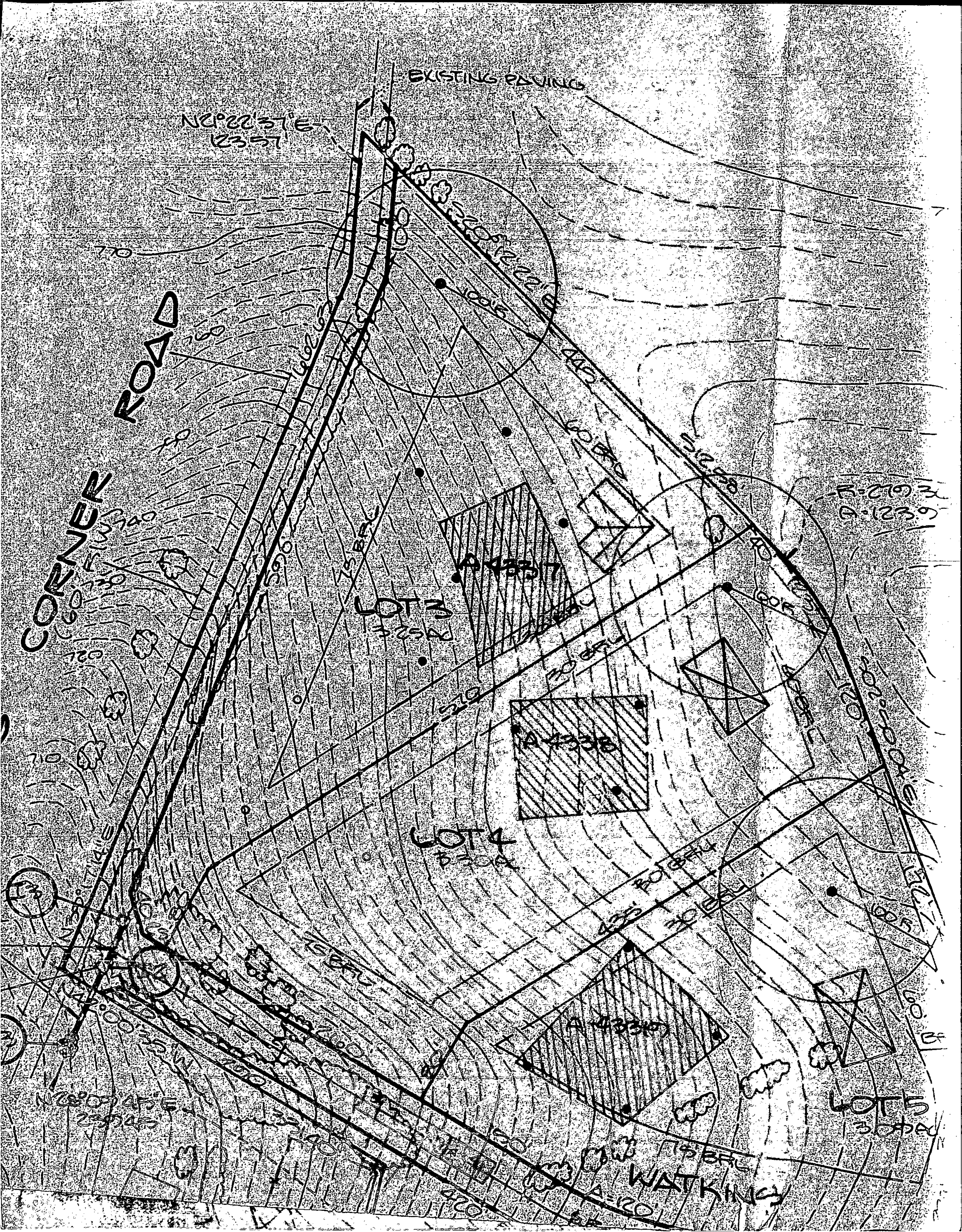
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Long Corner Rd.

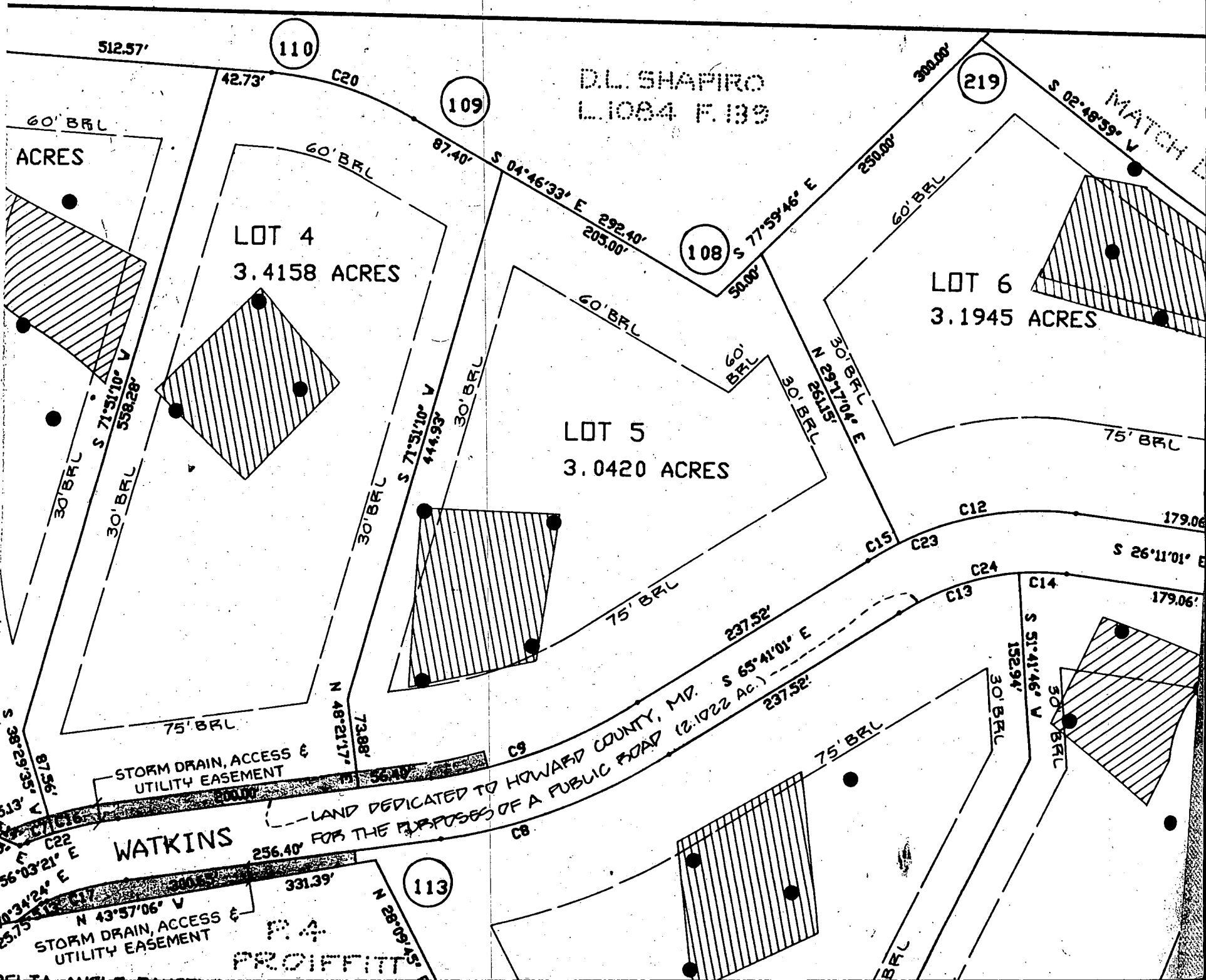
DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
1/26/89	A S/V	5.5 / 13	10:19 As Profiled	10:35	10:35	11:00	25 min
	F S/V	3.5' / 11.5'	10:24 Similar	10:26 to Profile	10:26	10:30	4 min
	G S/V	3.0 / 11.5	10:31 Similar	10:33 to Profile	10:33	10:40	7 min
	H S/V	3.0 / 12'	10:33 Similar	10:35 to Profile	10:35	10:38	3 min
	E S/V	4.5 / 11.5	10:18 Similar	10:21 to F	10:21	10:24	3 min
	(B-) / (C-)	Clay to 6' / Clay to 6'	Structured Shale at 8'				

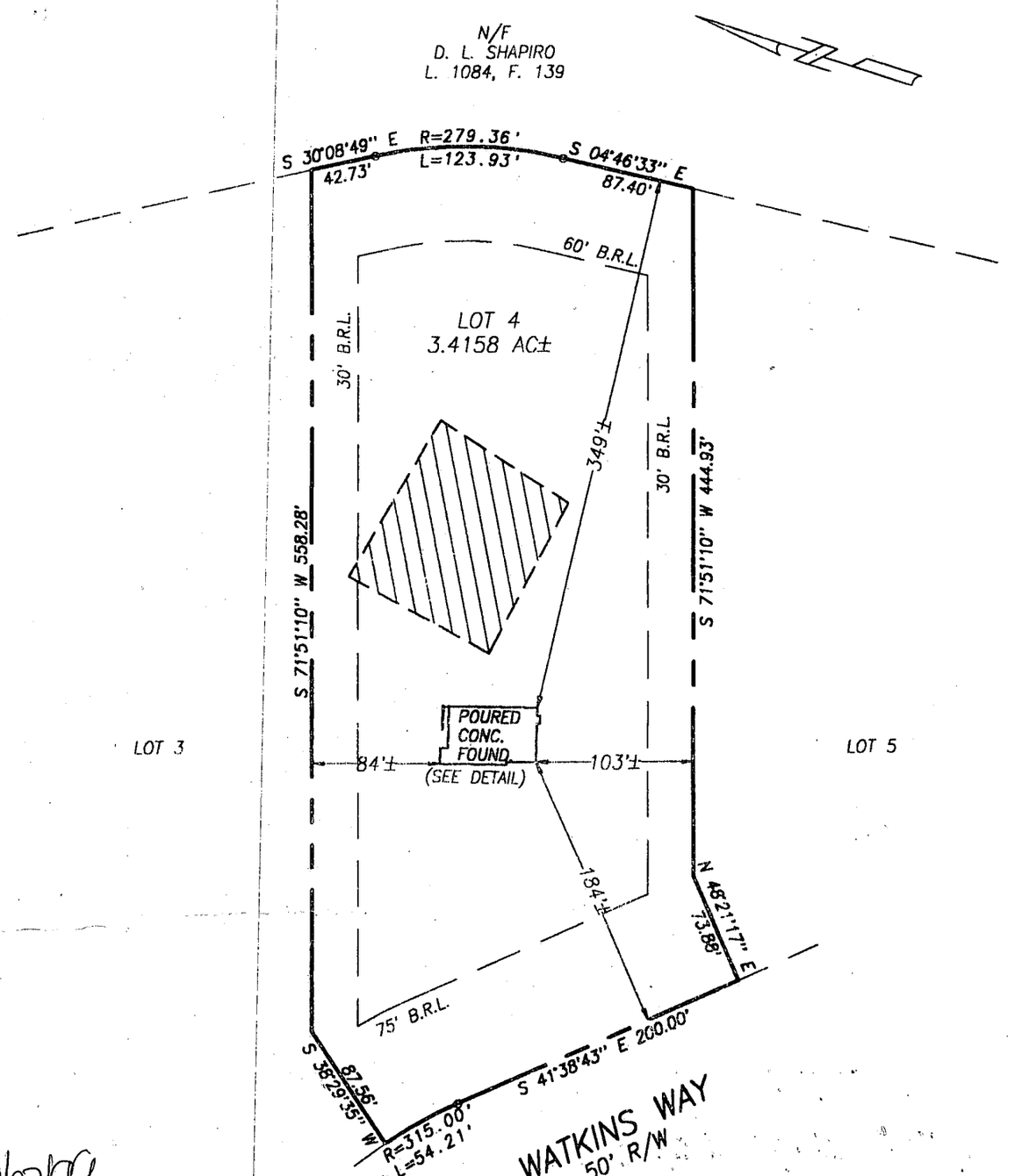
REMARKS As staked and approx to plat A-C / Shallow Syst. only

TYPE OF SOIL Mt Airy to Glenelg

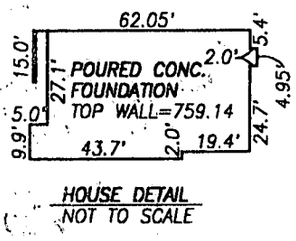
TESTED BY S. Abel ALSO PRESENT J. Kyord, Rocky / Allen Rekk 4oc


EXISTING PAVING
ROAD
CORNER
770
760
740
730
720
LOT 3
LOT 4
LOT 5
75 BRL
WATKINS


512.57'
110
42.73'
C20
109
D.L. SHAPIRO
L.1084 F.139
60' BRL
ACRES
60' BRL
LOT 4
3.4158 ACRES
87.40'
S 04°46'33" E
292.40'
205.00'
108
S 77°55'46" E
50.00'
300.00'
219
S 02°48'59" W
250.00'
60' BRL
LOT 6
3.1945 ACRES
75' BRL
30' BRL
S 71°31'10" W
558.28'
30' BRL
30' BRL
S 71°31'10" W
444.93'
30' BRL
60' BRL
LOT 5
3.0420 ACRES
30' BRL
N 29°17'04" E
261.15'
75' BRL
C12
179.06'
C15
C23
S 26°11'01" E
C24
C14
C13
179.06'
237.52'
S 65°41'01" E
237.52'
S 51°41'46" W
152.94'
30' BRL
30' BRL
75' BRL
75' BRL
S 38°29'35" W
87.56'
N 48°21'17" E
73.88'
STORM DRAIN, ACCESS & UTILITY EASEMENT
C9
56.40'
LAND DEDICATED TO HOWARD COUNTY, MD. FOR THE PURPOSES OF A PUBLIC ROAD (2.1022 AC.)
C16
C22
S 13'
56°03'21" E
WATKINS
C8
256.40'
331.39'
113
N 43°57'06" W
STORM DRAIN, ACCESS & UTILITY EASEMENT
P.A.
PROFFITT
N 28°09'45"



11/22/99
House location has been shifted forward and to the right - should not adversely impact well/septic. OK to proceed.
DS



HOUSE DETAIL
NOT TO SCALE

10/21/99

NOTES:
1. FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN.
2. TOP OF FOUNDATION ELEV.=759.14
3. ELEVATIONS ARE BASED ON USGS BM D-87 (ELEV.=780.20)

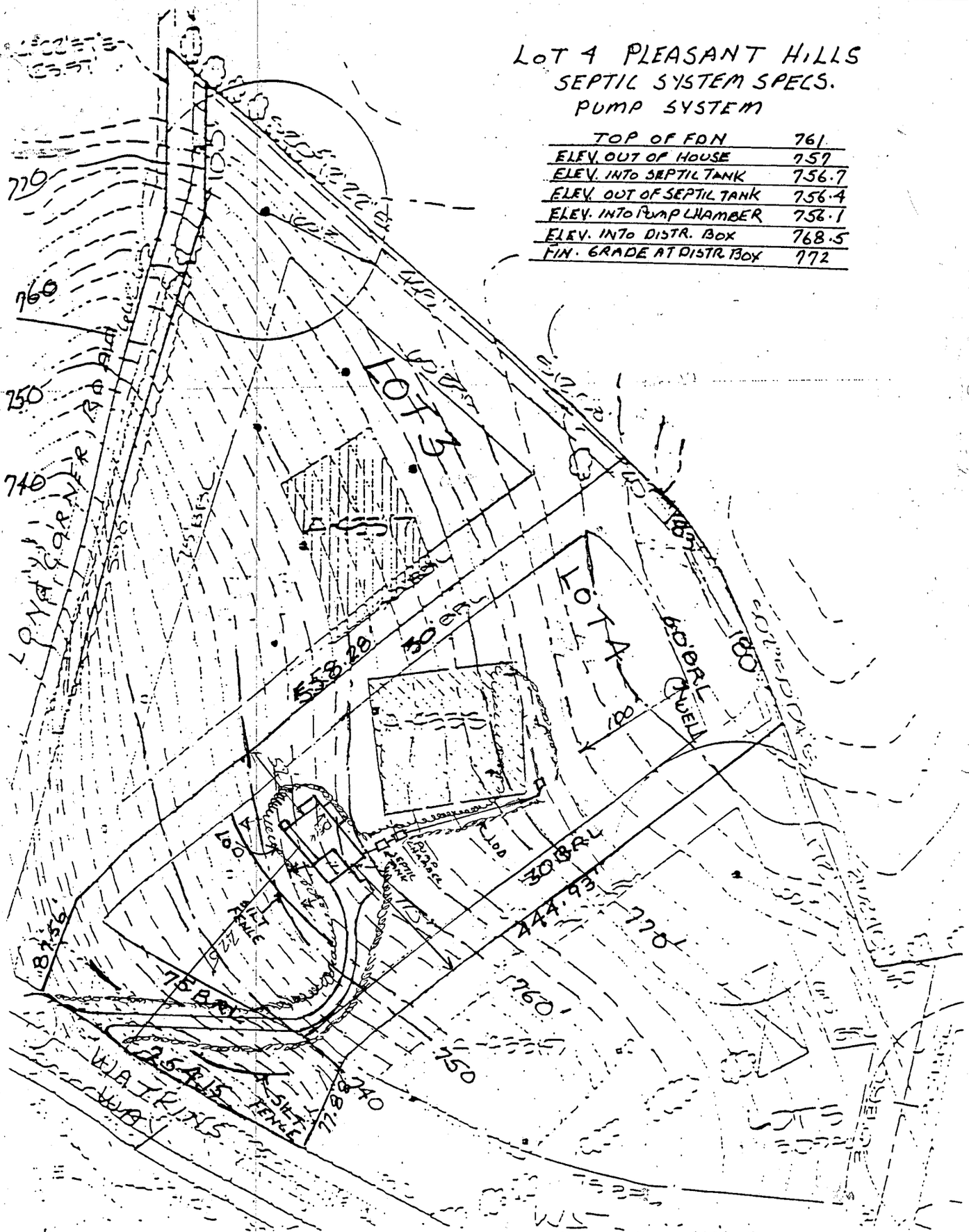
WALL CHECK DRAWING
LOT 4
PLEASANT HILLS
2008 WATKINS WAY
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' OCTOBER, 1999

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 #10511	98-4278

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street P.O. box 328
Mount Airy, Maryland 21771
(301) 829 2890 (301)831 5015 (410) 549 2751

File name: T:\EP\JOBS\98-4278\LOTS\LOT4WC



LOT 4 PLEASANT HILLS
SEPTIC SYSTEM SPECS.
PUMP SYSTEM

TOP OF FDN	761
ELEV. OUT OF HOUSE	757
ELEV. INTO SEPTIC TANK	756.7
ELEV. OUT OF SEPTIC TANK	756.4
ELEV. INTO PUMP CHAMBER	756.1
ELEV. INTO DISTR. BOX	768.5
FIN. GRADE AT DISTR BOX	772

STYSLEY HOMES INC.
16445 OLD FREDERICK RD
MT. AIRY MD 21771

LOT 4 PLEASANT HILLS
TAX MAP 6 #12 - 4TH DIST.
MT. AIRY HOWARD COUNTY, MD.

SCALE - 1" = 100'

Approved Septic System Plan
Howard County Health Department

Total linear feet of trench required 280 feet

Width of trench(es) 3 feet

Depth of trench(es) 5 feet

Depth of stone required below distribution pipe 1.5 feet

Signature

9/13/91
Date

C 1 06750 — SEQUENCE NO. (MDE 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 A43318

ST/CO USE ONLY
DATE Received MM DD YY

DATE WELL COMPLETED: MM 6 DD 2 YY 99

Depth of Well: 150 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO - 94 - 2258

OWNER
STREET OR RFD Survey (last name) Working (first name) Way TOWN Mt Airy
SUBDIVISION Pleasant Hills SECTION LOT 4

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 FROM	FEET TO	check if water bearing
Top Soil	0	3	
Brown Shell & Sandstone & Gray Slate	43	150	L
GST water at			70
			120

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: yes (Y) no (N)

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 LIC. NO. M-5 D 143

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. M __ D __ __ __

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

GROUTING RECORD

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

TYPE OF GROUTING MATERIAL (Circle one)
CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 12 NO. OF POUNDS 1128

GALLONS OF WATER 72

DEPTH OF GROUT SEAL (to nearest foot) from 0 (TOP) ft. to 45 (BOTTOM) ft.
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below: ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER

MAIN CASING TYPE: PL
Nominal diameter top (main) casing (nearest inch): 6
Total depth of main casing (nearest foot): 47

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	depth (feet) to

SCREEN RECORD

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

C 2

EACH SCREEN	DEPTH (nearest ft.)	
1	40	46
2		
3		

150

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 ____

TELESCOPE CASING ____ LOG INDICATOR ____ OTHER DATA ____

C 3

PUMPING TEST

HOURS PUMPED (nearest hour): 3

PUMPING RATE (gal. per min.): 15.-

METHOD USED TO MEASURE PUMPING RATE: Submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING: 63 ft.

WHEN PUMPING: 70 ft.

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 (CIRCLE) (YES or NO): 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 ____

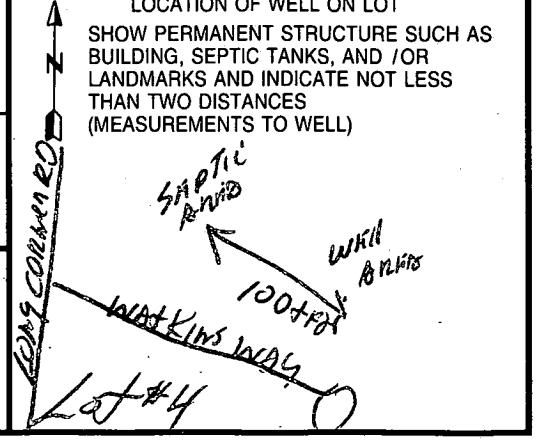
PUMP COLUMN LENGTH (nearest ft.) ____

CASING HEIGHT (circle appropriate box and enter casing height)
- (+) above LAND SURFACE
- (–) below

1 (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)



COUNTY

EMERGENCY/TEMP NO. IF ANY

B 1 - 6440. 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-94-2258 fill in this form completely

OWNER INFORMATION

Date Received (APA): 050399 (MM DD YY)

Last Name / Owner / First Name: Stysley Homes Inc.

Street or RFD: 16445 Old Frederick Rd

Town: Mt Airy, State: MD, Zip: 21771

LOCATION OF WELL (B 3)

COUNTY: Howard

SUBDIVISION: Pleasant Hills

SECTION: – LOT: 4

NEAREST TOWN: Mt Airy

MILES FROM TOWN (enter 0 if in town): 4 M I

DRILLER INFORMATION

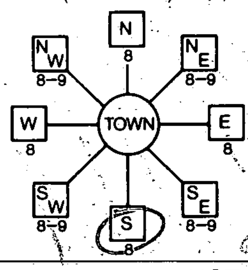
Driller's Name: Perry Harley — License No. M SD 143

Firm Name: Harley Drilling & Pump Systems

Address: Box 160 Walkersville MD 21793

Signature: [signature] Date: 4-29-99

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



NEAR WHAT ROAD: Watkins Way / Long Corner Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH / WEST / EAST (circled) / SOUTH

DISTANCE FROM ROAD: 400

ENTER FT OR MI: FT

TAX MAP: ____ BLK: ____ PARCEL ____

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.): 3

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) (circled) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION
- I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL
- T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME: Howard — COUNTY NO.: A43318

STATE SIGNATURE ____ INSERT S

DATE ISSUED: 051799 — CO SIGNATURE: [signature] — EXP. DATE: 51100

NORTH GRID: 540 000 — EAST GRID: 675 000

location ok

APPROXIMATE DEPTH OF WELL: 200 FEET

APPROXIMATE DIAMETER OF WELL: 6" NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

6/2/99 10:30 Grout 42' open hole. Started 20' tremmie pipe used at 1:30pm + 4' of black hose. 12 Bags Portland cement used. Grout rose to grade at 1:45pm. Didn't appear to sink. SRK

Long Corner Rd, Watkins Way, X

SOURCES OF DRILLING WATER
1. Well
2.
3.

METHOD OF DRILLING (circle one)

BORED (or Augered) — JETTED — Jetted & DRIVEN
AIR-ROTary — (AIR-PERcussion) (circled) — ROTARY (Hydraulic Rotary)
CABLE — REVerse-ROTary — DRive-POINT
other ____

WRITE THE BOX NUMBER FROM THE MAP HERE

E 755

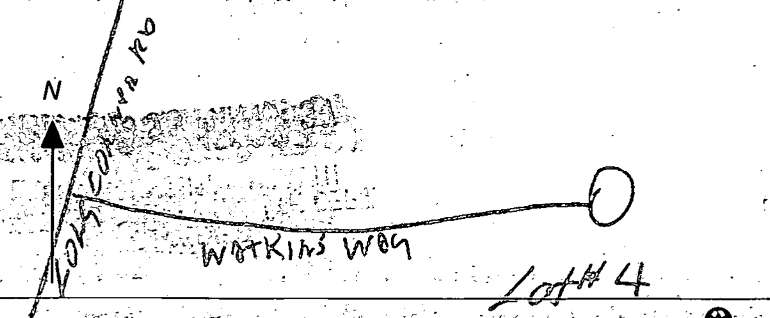
N 540

REPLACEMENT OR DEEPENED WELLS
(CIRCLE APPROPRIATE BOX)

- (N) (circled) THIS WELL WILL NOT REPLACE AN EXISTING WELL
- Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) [illegible]

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 (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE DS WRITE INITIALS IN BOX — PERMIT No. HO-94-2258

SPECIAL CONDITIONS

NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

COUNTY

depth of well
GPM
Static

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ✓
Replacement ____

Receipt # ____
Date ____

Name of Installer T.M. Bernard Plbg & Htg. Telephone 410-461-6599

License Number #7248
Certified Well Pump Installer ____ Well Driller ____ Registered Plumber ✓

Name of Property Owner Michael T. Stipley Telephone 410-442-2190
Subdivision Pleasant Hills Lot # 4 Well Tag # HO-94-2258
Site Address 2008 Watkins Way

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible ✓
2. Make Goulds
3. Model # ____
4. Capacity ____ GPM
5. Pump exceeds well capacity Yes ____ No ✓
6. If Yes, is low pressure cutoff switch installed? Yes ____ No ____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ____ Cable guards ____ Other ____

Motor
1. Horsepower 1/2
2. RPM ____
3. Voltage ____
   a. 110 ____
   b. 220 ✓

Pitless Adapter
1. Make ____
2. Model # ____
3. Depth ____

Tank
1. Capacity 17gal
2. Pressure relief valve? yes

Piping
1. Type Blk poly
2. Size 1"
3. NSF and/or BOCA Code approved yes
4. Depth of supply line 42"

Well data
(1) Depth ____ ft.
(2) Yield ____ GPM
(3) Static water level ____ ft.
4. Will water supply be disinfected by installer? yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Timothy M. Bernard

Date: 1/3/00

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

HD-215 SEE REVERSE FOR DETAILS - 2/8/00 SRK
WPI OK

2/8/00 - Either request for well line inspection was never called in or requested inspection was never written in book - either way no well line inspection was made and work was covered. Spoke to plumber Mr. Barnard and discussed these issues. According to him, there was adequate thick grout 2" around and below pitless adapter. I observed entire grout by Perry Harley so I believe this to be true. Well line and pitless adapter was not re-excavated because of potential damage that could occur to well casing & grout.
Another issue was the septic force main crossing the well line and being above the well line. I stated to the Builder (Mr. Stysley), Mr. Barnard and Ed from Pogles that this was unapprovable and must be corrected which it was.

Received
1/3/2000

Well line is now 12" above the top of the septic force main.
Also see letter dated 2/11/00
WPI on SRH

HOWARD COUNTY HEALTH DEPARTMENT

Mary Sue Baker, MBA, Acting County Health Officer

July 20, 1999

Perry Harley
Harley Drilling & Pump Systems
P.O. Box 160
Walkensville, MD 21793

RE: Pleasant Hills - Lot 2 & 4
Watkins Way
Lot 2 - Well Tag # HO-94-2257
Lot 4 - Well Tag # HO-94-2258

Dear Mr. Harley:

On May 20 and June 2, 1999 two grout inspections for the above referenced wells were observed. During these field inspections, it was observed that 20 feet of tremmy pipe was used to place the grout down the annular space. The open hole was reported to be 50 feet for well HO-94-2257 and 42 feet for HO-94-2258.

Section G (9) (a) ii of 26.04.04.07 well construction regulations state that when "Grouting Depths Greater than 30 Feet. The minimum length of grout pipe that shall be inserted into the annular space is 30 feet."

Please make sure that this standard is followed in the future so that there is no possibility that the grout does not reach the bottom of the open hole and that a solid grout is achieved along the entire length of the casing.

Thank you for your cooperation in this matter.

Very truly yours,

Craig Williams SRK

Craig Williams, Sanitarian
Water and Sewerage Program

SRK: CW/SRK
cc: File

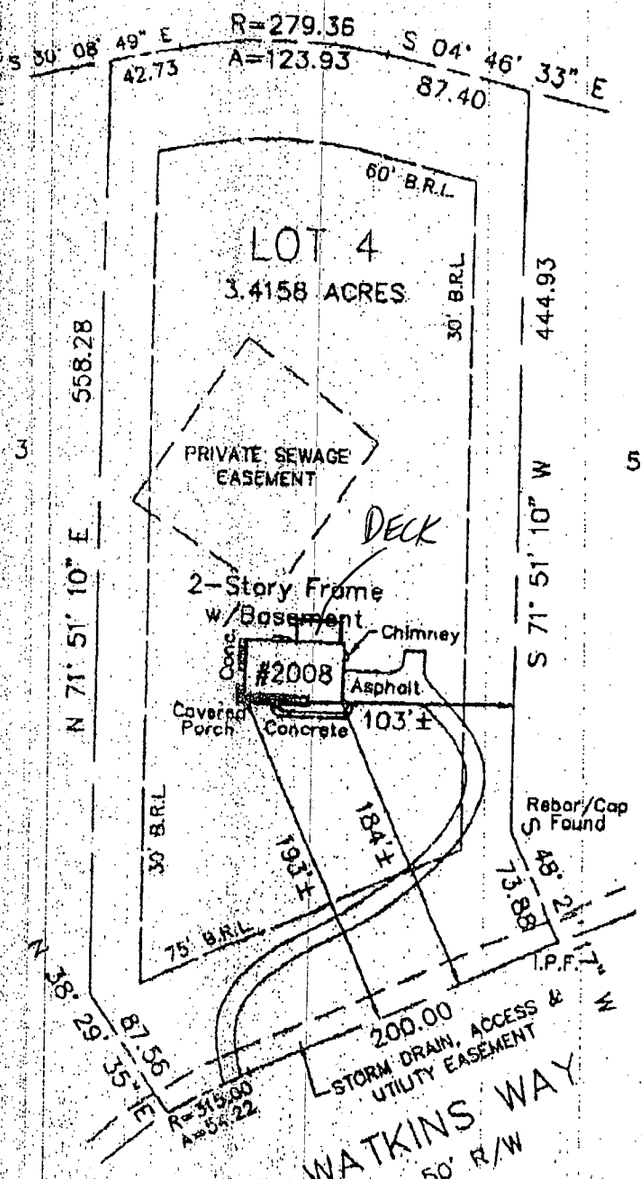
Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health Program (410) 313-2644
Director (410) 313-2642 TDD (410) 313-2323

The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing. The plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements. The plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or re-financing.

NOTES:
(1) The lot shown hereon does not lie within the limits of the 100 year flood plain as shown on FIRM Panel No. 6
Date of Map: 12-4-86
Flood Zone: "C"

(2) No property corners found or set unless otherwise noted.

(3) The accuracy of this survey and the apparent setback distances is 2'±



BOU#09106
3/27/03
Proposed Deck
O.K
BB

LOCATION DRAWING
LOT 4
PLEASANT HILLS
HOWARD COUNTY, MARYLAND

THIS SURVEY IS FOR TITLE PURPOSES ONLY

STATE OF MARYLAND
MICHAEL JOHN BAZIS
NO. 10956
REGISTERED
PROFESSIONAL LAND SURVEYOR

SURVEYOR'S CERTIFICATE

I hereby certify that the property delineated hereon is in accordance with the plat of subdivision and/or deed of record, that the improvements were located by accepted field practices and include permanent visible structures, if any. This plat is NOT FOR DETERMINING PROPERTY LINES OR FOR CONSTRUCTION OF IMPROVEMENTS, but prepared for exclusive use of present owners of property and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this plat.

Michael J. Bazis RPLS #10956

JOB # 02.0597H	DATE 8-16-02
FLD JT/ER	DRAFT DAB
	PLAT M.D.R. 10511
	SCALE: 1" = 100'

R.C. KELLY & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS
10111 COLESVILLE ROAD, SUITE 139
SILVER SPRING, MARYLAND 20901
(301) 593-6009 FAX (301) 681-7818
E-MAIL: survey@rckelly.com