

15-98
10:00 & later
3pm
9/16/98
anytime

PERMIT

04-354478

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510678

A A43325

DISTRICT _____

DATE 9/14/98

DATE SYSTEM APPROVED 9/16/98

INSPECTOR ICM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

INDEXED

Arnold's Backhoe and Septic Service

IS PERMITTED TO INSTALL X ALTER _____

ADDRESS P.O. Box 15 Woodbine, Maryland 21797 PHONE (410) 795-7873

SUBDIVISION Pleasant Hills LOT 9 ROAD 2048 Watkins Road

PROPERTY OWNER Bruce Woldman

ADDRESS _____

TOP SEAMED, TWO CHAMBER SEPTIC TANK
SEPTIC TANK CAPACITY 1250 GALLONS

PUMP SEPTIC SYSTEM

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

INSTALL: 1250 Gal. Top Seamed Pump Chamber
NOTE: - Septic pump detail to be provided by installer prior to issuance of septic permit.
- Pump performance test is necessary prior to Health Dept. approval of pumped septic system.

TRENCHES - Trench to be 3.0' wide. Inlet 3.0' below original grade. Bottom maximum depth 4.5' below original grade. Effective area begins at 3.0' below original grade. 1.5' of stone below distribution pipe.

LOCATION - Place the distribution box 335' down the 454.81' lot line and 15' off the same lot line. Run trenches along contour in both directions.

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

*** OPEN TRENCH INSPECTION REQUIRED BEFORE PLACING GRAVEL. ***

PLANS APPROVED BY Donna K. Soe/Ron Pinkley OK 7/27/98 (Revised) DATE 7/29/98

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 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

BLDG PERMIT SIGNED
AND RETURNED 8/2/01
B00131826-Deck

A 43325

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 10/5/98

Name of Installer T.M. Baird Pkg. & Htg

Telephone 410-461-6599

License Number #7248

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber ☒

Name of Property Owner Bruce Waldman + Elizabeth McLeod Telephone 301-570-1909

Subdivision Plowman Hills Lot # 9 Well Tag # _____

Site Address 2018 Watkins Way

Pump

1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible ☒
2. Make Acuzzi
3. Model # _____
4. Capacity 7 GPM

- Motor
1. Horsepower 3/4
 2. RPM _____
 3. Voltage _____
 - a. 110 _____
 - b. 220 ☒

- Pitless Adapter
1. Make _____
 2. Model # _____
 3. Depth 42"

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 _____

Tank

1. Capacity 22 gal
2. Pressure relief valve? yes

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

- Well data
1. Depth 375 ft.
 2. Yield 461 GPM
 3. Static water level 56 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.

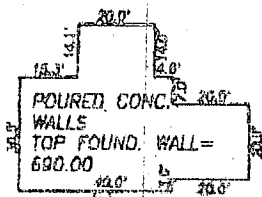
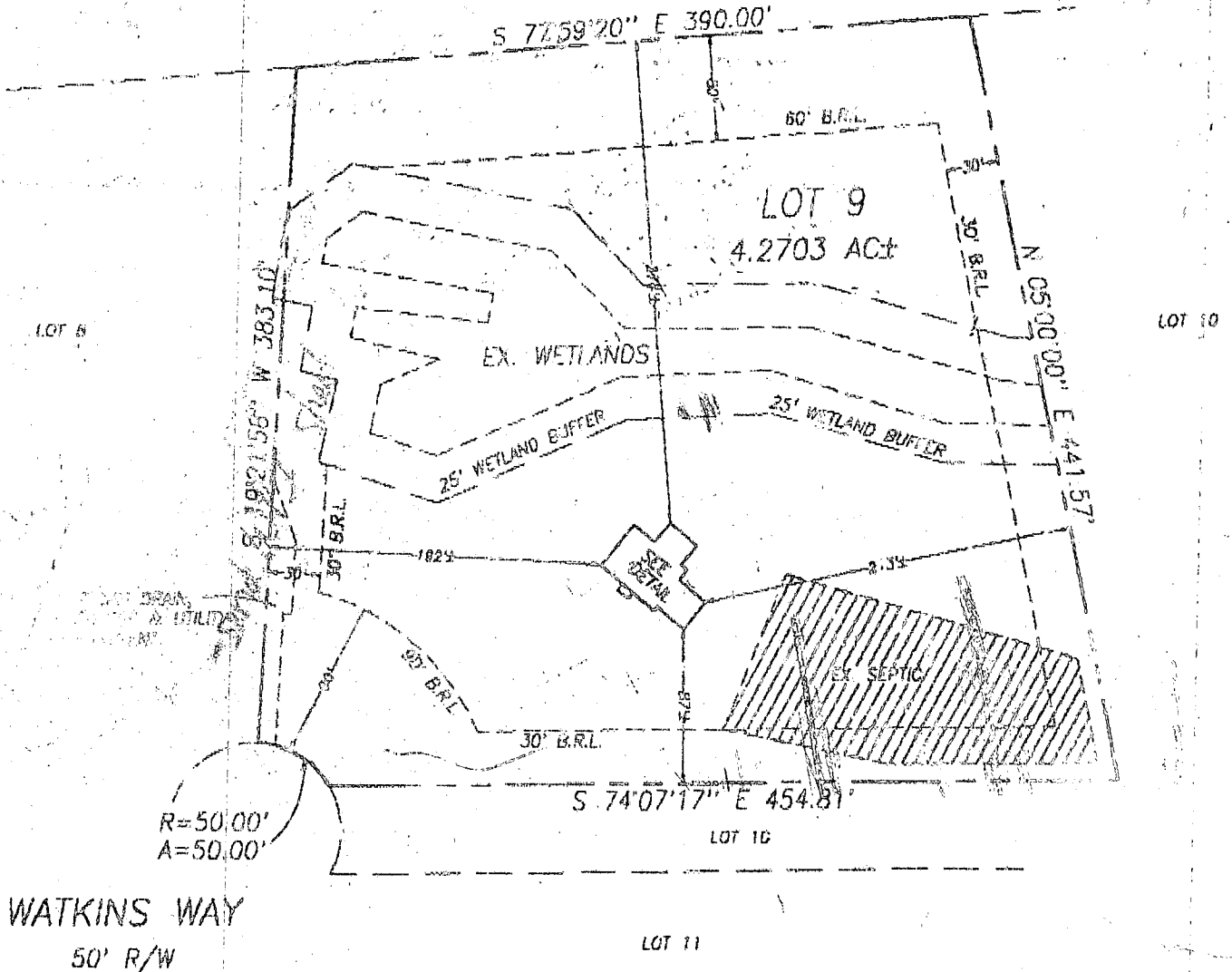
Signature of Applicant: Kenneth M. Baird

Date: 10/5/98

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

STYSLEY HOMES INC.
WOLDMAN & McFARLAND
BLD PERMIT B00112634

N/F
D.L. SHAPIRO
L. 1084, F. 139



9/14/98
Wall check ok
as shown
(km)

WALL CHECK DRAWING
LOT 9
PLEASANT HILLS

2048 WATKINS WAY
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' AUGUST, 1998



NOTES:

1. FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN.
2. TOP OF FOUNDATION ELEV. = 690.00

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 10512

JOB NO.

98-4278



VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street P.O. Box 528
Mount Airy, Maryland 21771
(301) 828 2800 (301) 831 5015 (410) 548 2751



Goulds Submersible Effluent Pump

MODEL

3885

APPLICATIONS

Specifically designed for the following uses:

- Homes
- Farms
- Trailer courts
- Motels
- Schools
- Hospitals
- Industry
- Effluent systems

SPECIFICATIONS

Pump

- Solids handling capabilities: 3/4" maximum.
- Discharge size: 2" NPT.
- Capacities: up to 128 GPM.
- Total heads: up to 123 feet TDH.
- Mechanical seal: silicon carbide-rotary seal/silicon carbide-stationary seat, 300 series stainless steel metal parts, BUNA-N elastomers.
- Temperature: 104°F (40°C) continuous, 140°F (60°C) intermittent.
- Fasteners: 300 series stainless steel.
- Capable of running dry without damage to components.

Motor

Single phase:

- 1/2 HP, 115 V, 200 V, 230 V, 60 Hz, 1750 RPM; 1/2 HP, 115 V, 60 Hz, 3500 RPM;
- 1/2 HP - 1 1/2 HP, 230 V, 60 Hz, 3500 RPM.

- Built-in overload with automatic reset.
- Class B insulation.

Three phase:

- 1/2 HP - 1 1/2 HP 200/230/460 V, 60 Hz, 3500 RPM.
- Class B insulation.

- Overload protection must be provided in starter unit.
- Shaft: threaded, 400 series stainless steel.
- Bearings: ball bearings upper and lower.
- Power cord: 20 foot standard length (optional lengths available).
- Single phase:
 - 1/2 and 1/2 HP - 16/3 SJTW with 115 V or 230 V three prong plug.
 - 3/4-1 1/2 HP - 14/3 STW with bare leads.
- Three phase:
 - 1/2-1 1/2 HP - 14/4 STW with bare leads. On CSA listed models - 20 foot length SJTW and STW are standard.

FEATURES

- Impeller: Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for

smooth operation. Silicon bronze impeller available as an option.

- Casing: Cast iron volute type for maximum efficiency. 2" NPT discharge adaptable for slide rail systems.

- Mechanical Seal: SILICON CARBIDE VS. SILICON CARBIDE sealing faces. Stainless steel metal parts, BUNA-N elastomers.

- Shaft: Corrosion-resistant stainless steel. Threaded design. Locknut on three phase models to guard against component damage on accidental reverse rotation.

- Motor: Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer.

- Designed for Continuous Operation: Pump ratings are within the motor manufacturer's recommended working limits,

can be operated continuously without damage.

- Bearings: Upper and lower heavy duty ball bearing construction.

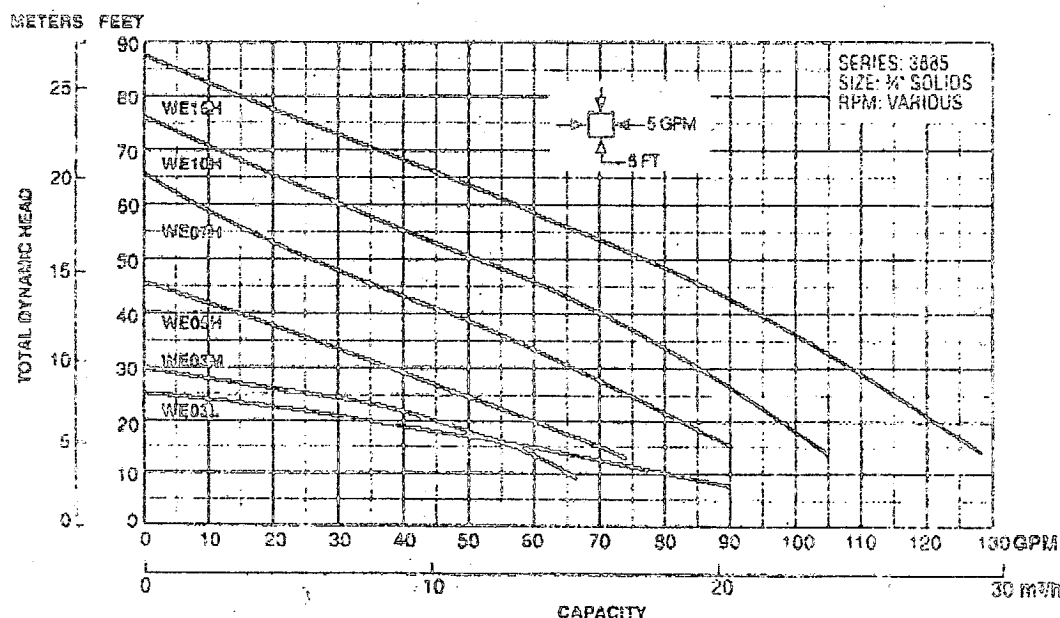
- Power Cable: Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking.

- O-ring: Assures positive sealing against contaminants and oil leakage.

AGENCY LISTINGS

Canadian Standards Association

Underwriters Laboratories



APPLICATION

PERCOLATION TESTING

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

A 43325

P _____

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 Nelson M. Watkins Bruce Waldman

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

PROSPECTIVE BUYER Standard Management Corporation

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

PROPERTY LOCATION:

SUBDIVISION Pleasant Hills LOT NO. 9

ROAD AND DESCRIPTION 2048 Watkins Way
Off of Long Corner Road

TAX MAP 12 PARCEL # 5

SIZE OF LOT 4.0 Ac. TYPE BLDG. Single Family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED

RETURNED 7-21-98
Serial # B10116434

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. Felix K...

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1-27-89 Combined PERC AREA 220K ± FOR LOTS 9+10 TO
be SPLIT IF LOT Lines CAN be moved AND ROAD, 1610 for PLAT TO certify
S. and

HD-216

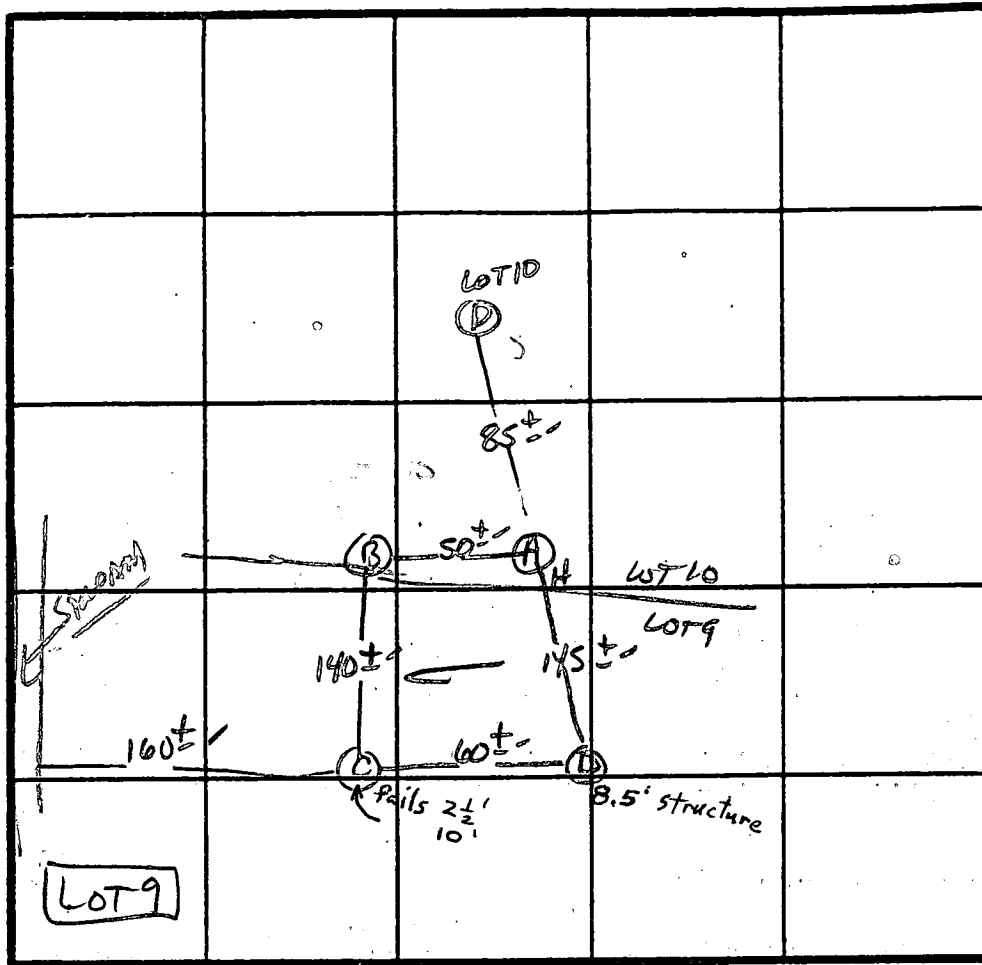
THIS IS NOT A PERMIT

A-43325

SOIL PROFILE

0
6"
2"
10"

AD
Strong Br.
to yellow
silt clay
loam
20-25%
frag
yellow Br
silt loam
25-45%
frag



X Perc 9 min
210 ϕ /BR
Inlet 3.0'
Bottom 4.5'

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	
1/27/89	LOT 10 S D M	3" 11"	12:14 HARD BOTTOM	12:16	12:16	12:19	3 min
1/27/89	A S	3" 10"	12:20 As profiled	12:21	12:21	12:24	3 min
	B S V	3" 10.5"	12:23 As profiled	12:25	12:25	12:28	3 min
	C S V	(2.5) 10.5"	12:32 FIELD EXPLORED	12:46	NO MOVEMENT 50% AT 210"		
	D S V	3.0" 11"	12:35 STRUCTURE AT	12:47	12:47	11:05	18 min
	C S ₁	3.5'	12:47	11:04	11:04	11:18	14 min

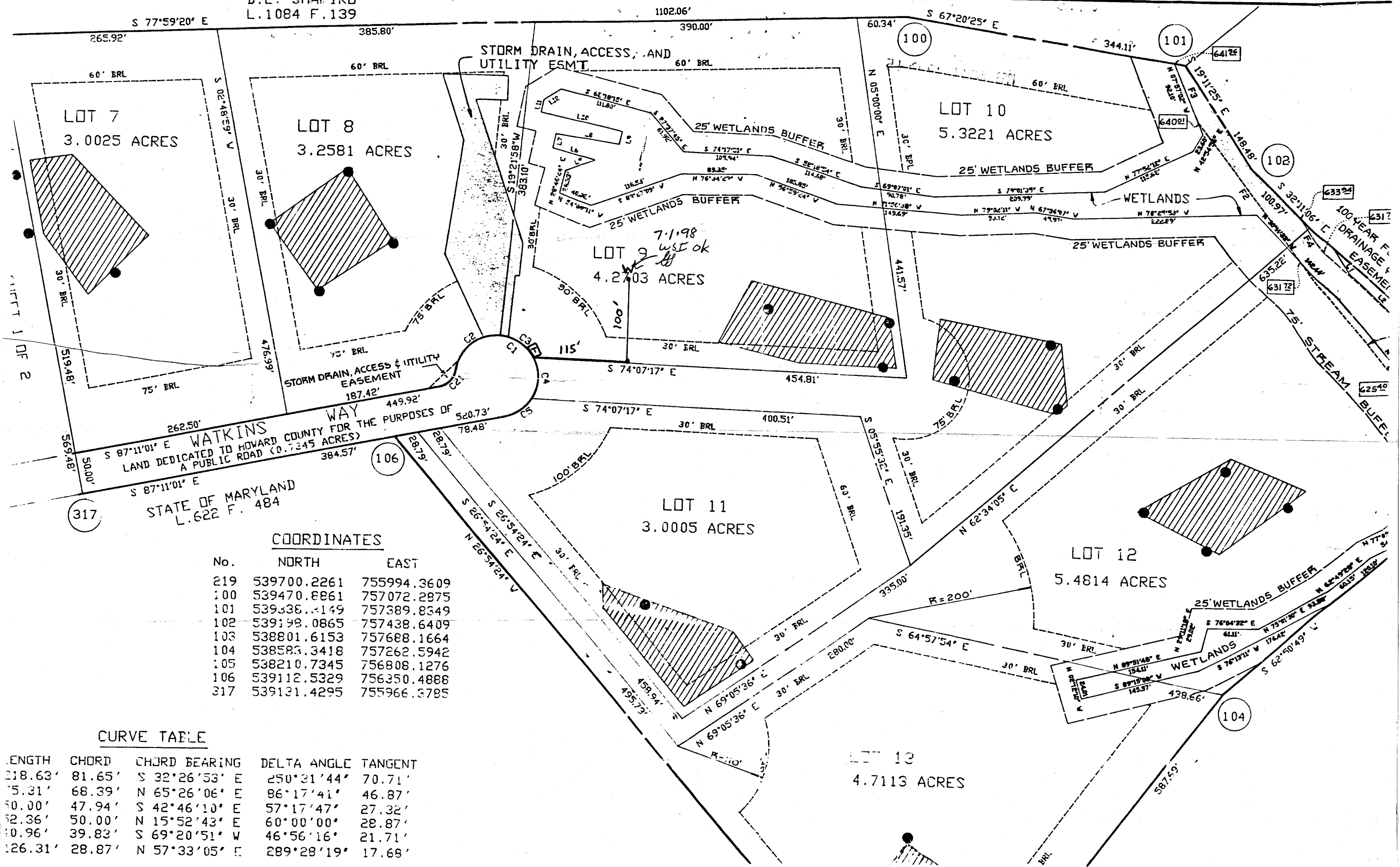
REMARKS Holes Diff Than Plat - Shallow Syst Only

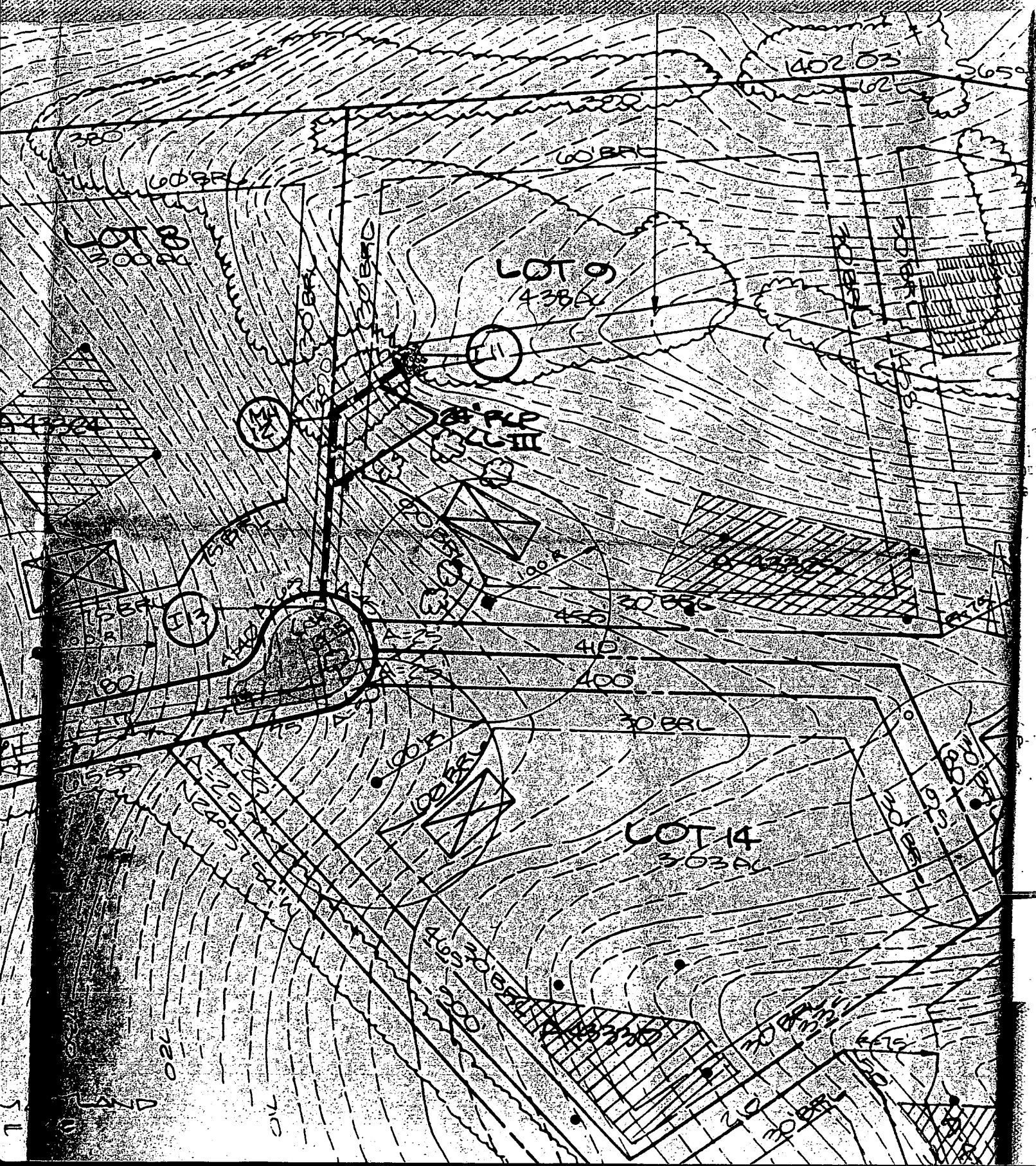
TYPE OF SOIL M-L Amy

TESTED BY S. Abel

ALSO PRESENT JACK F. Rocky, Jeff A.

D.L. SHAPIRO
L.1084 F.139





C 1 04008 SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND WELL COMPLETION REPORT THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER A43325 DATE WELL COMPLETED 7 16 98 Depth of Well 375 (TO NEAREST FOOT) PERMIT NO. 40-94-1614 OWNER WOLOMAN BRUCE STREET OR RFD L. ATKINS WAY TOWN MT AIRY SUBDIVISION PLEASANT HILLS SECTION LOT 9

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	
TOP SOIL	0	3	
BROWN SHW SAND STONY	4	16	
Blue gray clay state	17	375	
GOT WATER			90
DO			275

GROUTING RECORD yes no

WELL HAS BEEN GROUTED (Circle Appropriate Box) (Y) (N)

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

NO. OF BAGS 5 NO. OF POUNDS 410

GALLONS OF WATER 30

DEPTH OF GROUT SEAL (to nearest foot) from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface) 20

CASING RECORD

casing types insert appropriate code below

(ST) STEEL (CO) CONCRETE (PL) PLASTIC (OT) OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) 50 64" 21

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

SCREEN RECORD

screen type or open hole insert appropriate code below

(ST) STEEL (BR) BRASS (PL) PLASTIC (HO) OPEN HOLE (OT) OTHER

DEPTH (nearest ft.)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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) (E.R.O.S.) W.O.

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min.) 1

METHOD USED TO MEASURE PUMPING RATE Submersible

WATER LEVEL (distance from land surface) BEFORE PUMPING 26 ft. WHEN PUMPING 250 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 (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. 29

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 () below LAND SURFACE (nearest foot) 1

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)

Lot # 9

NUMBER OF UNSUCCESSFUL WELLS 0

WELL HYDROFRACTURED yes no (Y) (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

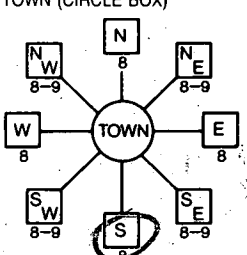
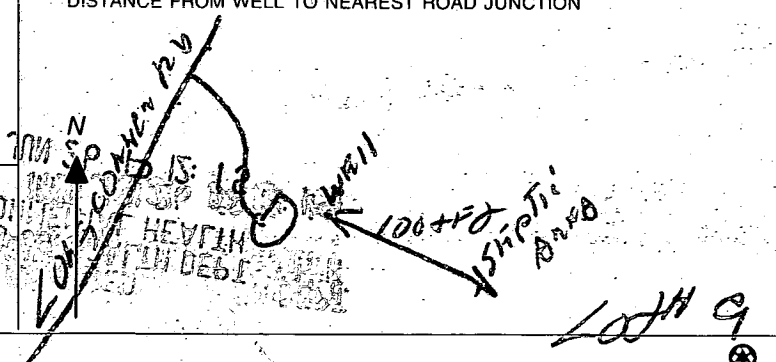
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

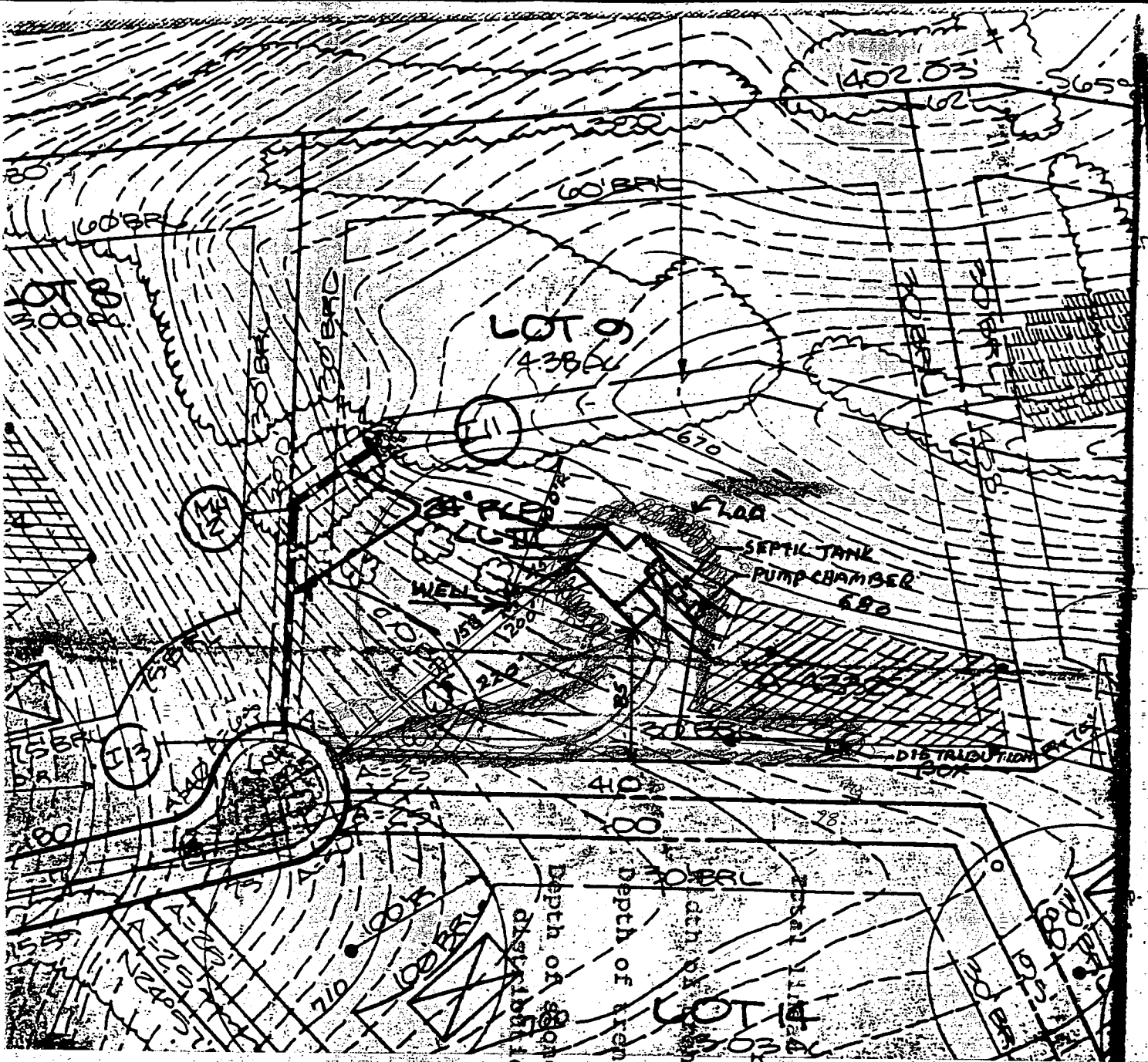
DRILLERS LIC. NO. M S D 143

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)

B 1 6453	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER H0-94-1614 fill in this form completely
Date Received (APA) 8 MM DD YY 13 WOLDMAN BRUCE + 1/2 15 Last Name Owner First Name 34 17701 COATBRIDGE BLVD 36 Street or RFD 55 ONLY MD 20832 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL HOWARD COUNTY 8 COUNTY 21 PLEASANT HILLS 23 SUBDIVISION 42 SECTION 44 46 LOT 48 50 MT AIRY 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 73 76 77 78 4	
DRILLER INFORMATION Perry Harkley M SD 143 Driller's Name 76 License No. 81 HARKLEY DRILLING Firm Name Box 160 WALKERSVILLE, MD 21793 Address Perry Harkley 6-10-98 Signature Date		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
WELL INFORMATION 1 2 3 APPROX. PUMPING RATE (GAL. PER MIN.) 8 12 800 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 11 NEAR WHAT ROAD 30 WATKINS WAY ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 100 37 100 DISTANCE FROM ROAD ENTER FT OR MI 38-39 12 TAX MAP: BLK: 40 PARCEL 5	
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 APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A43325 COUNTY NO. STATE SIGNATURE INSERT S 7/2/98 DATE ISSUED 43 MM DD YY 48 7/2/99 CO SIGNATURE EXP. DATE NORTH GRID 50 55 540 000 EAST GRID 57 63 757 000	
APPROXIMATE DEPTH OF WELL <u>200</u> FEET 24 28 APPROXIMATE DIAMETER OF WELL <u>6"</u> NEAREST INCH. 24 28		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X 7-16-98 A43325 70 S WATKINS WAY	
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTARY Drive-POINT other		SOURCES OF DRILLING WATER 1. <u>WELL</u> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE 7507 540 5407	
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 DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41		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)			
APPROX. PERMIT NUMBER <u>65</u> G.A.P. <u>15:12</u> 54 63 H0-94-1614 FORCE 67 68 PERMIT NO. 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS NOTE: - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -			



HEALTH DEPT. INFO

TOP OF FDN. N	690
INV. ELEV. OUT OF HOUSE	681
INV. ELEV. INTO SEPTIC TANK	680.7
ELEV. OUT OF SEPTIC TANK	680.5
ELEV. INTO PUMP CHAMBER	680.2
ELEV. INTO DISTRIBUTN BOX	691
ELEV. AT DISTRIBUTN BOX	694

Depth of pipe required below distribution pipe 1 1/2 feet

Depth of trench(es) 4.5 feet

Depth of trench(es) 3 feet

Depth of trench(es) 280 feet

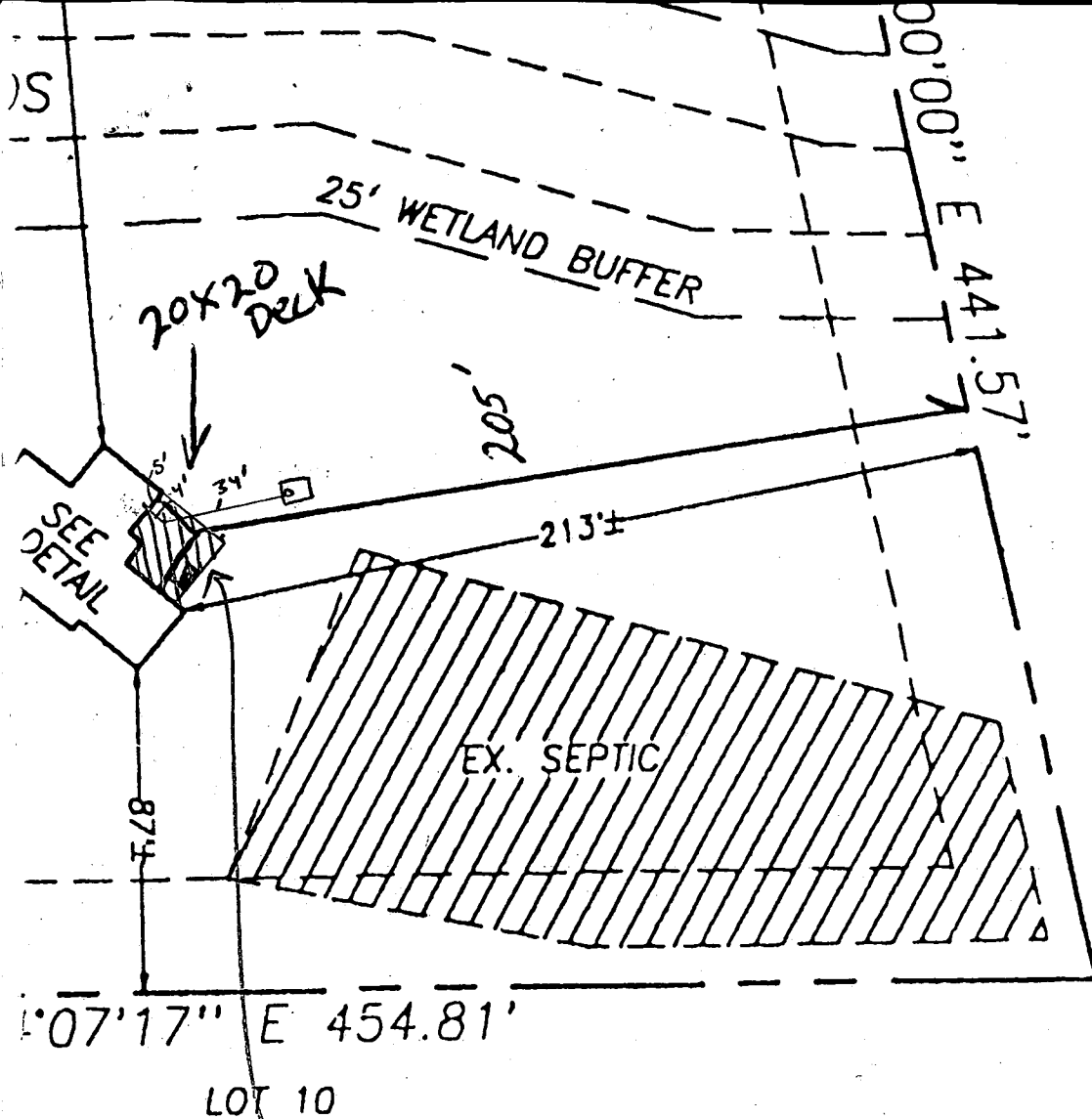
Approved Septic System Plan
Howard County Health Department

Bruce Woldman
Signature

7/21/88
Date

PLEASANT HILLS
LOT 9
HOWARD COUNTY, MD.
TAX MAP 6412 4TH DIST.
SCALE - 1" = 100'

OWNER: BRUCE WOLDMAN
ELIZABETH McFARLAND
BUILDER: STYSLEY HOMES, INC.
16445 OLD FRERICK RD
M + AIRY MD. 21771
(410-442-2190)



8/2/01 -
proposed deck
has no impact to
well or septic.

On SRU

Maintain at least 10'
to Septic Tank from
Deck.