

7/13/00  
lay out  
2-3pm  
7/14/00  
10:00-10:30

**PERMIT**  
**SEWAGE DISPOSAL SYSTEM**  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
410-313-2640

P 513654.C

A 43320

ISSUE DATE 6/27/00

APPROVAL DATE 7/14/00

Subcontractor

Fogle's Septic Clean, Inc. (Ronnie Neaps) IS PERMITTED TO INSTALL X ALTER

ADDRESS 580 Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5670  
SUBDIVISION Pleasant Hills LOT NUMBER 2 ADDRESS 2013 Watkins Way  
PROPERTY OWNER C&P Homes Inc. PROPERTY OWNER'S ADDRESS 16013 Lady Camarin Court  
SEPTIC TANK CAPACITY 1250 GALLONS Mt. Airy, MD 21771  
PUMP CHAMBER CAPACITY N/A GALLONS  
NUMBER OF BEDROOMS 4  
SQUARE FEET PER BEDROOM 240  
LINEAR FEET OF TRENCH REQUIRED 320

TRENCHES: Trenches to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth  
5.5 feet below original grade. 1.5 feet of stone below distribution box.  
LOCATION: Place the distribution box 130 feet off front lot line and 320 feet off the 239.46'  
lot line as seen from Watkins Way. Run trenches along contour in both directions.

PLANS APPROVED Donna K. Soe DATE 3-10-00

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

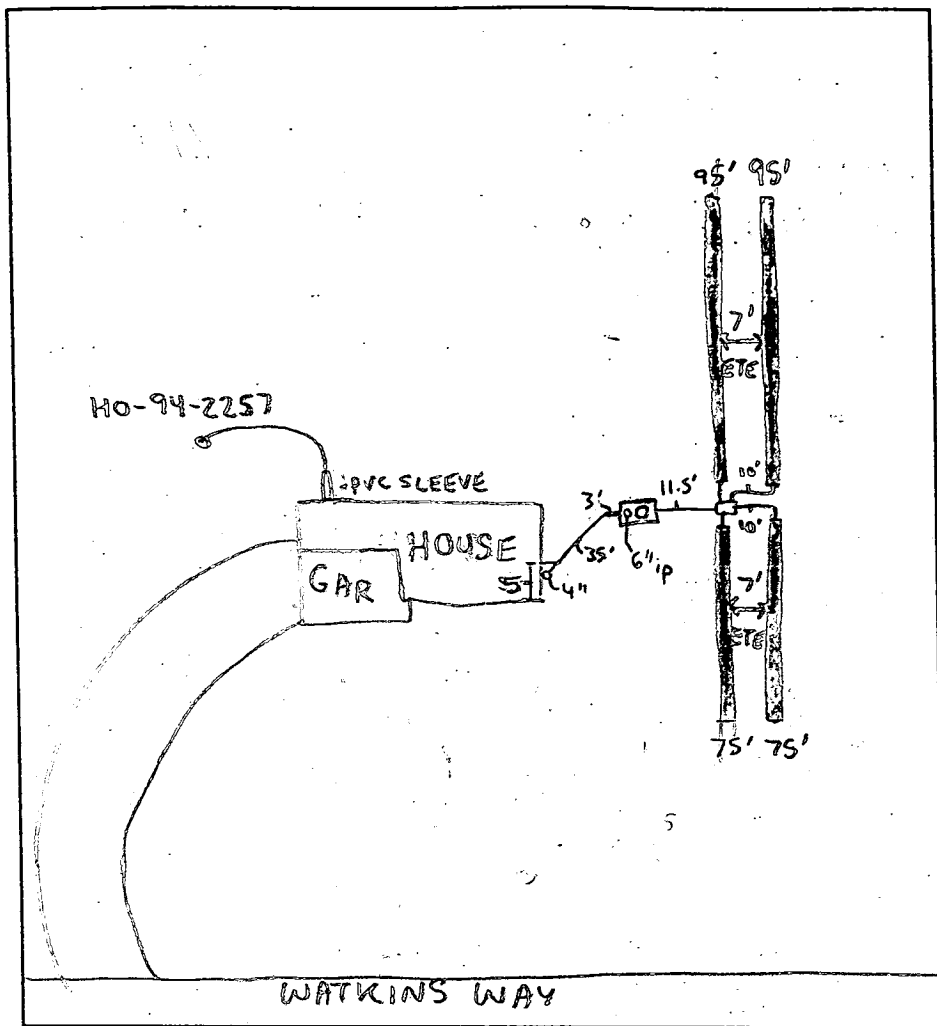
NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

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  
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A  
43320



NOT TO SCALE



### TRENCH DATA

TRENCH WIDTH 3  
TRENCH INLET DEPTH 4  
TRENCH BOTTOM DEPTH 5.5  
DEPTH OF STONE 1.5  
NUMBER OF TRENCHES 4  
TOTAL TRENCH LENGTH 340  
ABSORBENT AREA 1020  
DISTRIBUTION BOX LEVEL ☒  
BAFFLE IN DISTRIBUTION BOX ☒

### SEPTIC TANK DATA

SEPTIC TANK 1250 MIDSEAM GALLONS  
MANHOLE RISER on Tank  
6 INCH INSPECTION PORT ☒  
4 INCH INSPECTION PORT AT HOUSE

### PUMP CHAMBER DATA

PUMP CHAMBER GALLONS N/A  
MANHOLE RISER N/A  
ALARM N/A  
PUMP PERFORMANCE TEST N/A

PRE-CONSTRUCTION INSPECTION: N/A

INSPECTION COMMENTS: 7/13/00 - OK TO CONTINUE WORK, WPI OK (SRM)  
7/14/00 - OK TO COVER ALL WORK (SRM)

INSPECTOR

Steven R. Krieg

DATE SYSTEM APPROVED

7/14/00



**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648**

**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 complete form is required prior to Use and Occupancy approval.

Company Name: ROBERT FEEZER CO INC Telephone #: 410-781-4655  
Address: 1371 BAYVIEW AVE  
SUDBURY, MD 21794

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

Name (Print): Robert L. Feezer License # 2177

\*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: CYP Homes Telephone #: 410-795-1900  
Subdivision: \_\_\_\_\_ Lot #: 2 Well Tag #: HO-94-2257  
Site Address: 2015 WATKINS LANE  
MOUNT AIRY, MD 21771

<b>Submersible Pump Data</b>	<b>Pitless Adapter</b>	<b>Well Cap and Electric Conduit</b>
Make: <u>ROSCOFF</u>	Make: <u>BK</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>10500</u>	Model #: _____	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity <u>10</u> GPM	Depth: <u>42</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: _____ GPM	NSF approved: <input checked="" type="checkbox"/>	Conduit min 1 1/2" E.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>300</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_

<b>Piping to house</b>	<b>House Connection</b>
Type: <u>PVC</u>	PVC sleeved to undisturbed soil at wall penetration: <input checked="" type="checkbox"/>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>5</u>
Depth of supply line: _____ (36" min)	Sleeve caulked and sealed properly: <input checked="" type="checkbox"/>

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: Robert L. Feezer Date: 10/10/2000

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

Date Insp. Requested: 10/12/00 Date Insp. Approved: 7/13/00 SRU  
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 grout observed below pitless adapter ☒



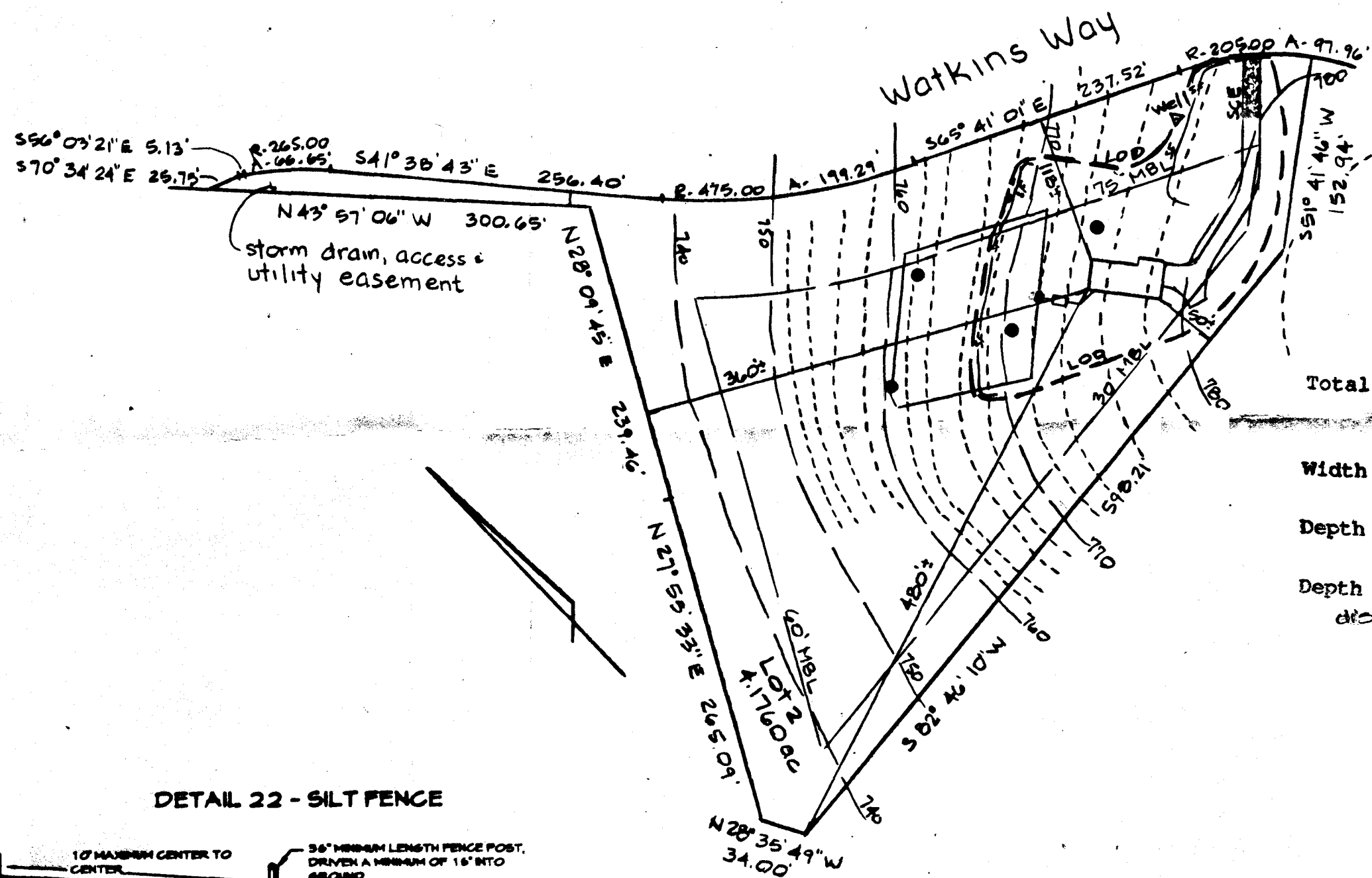
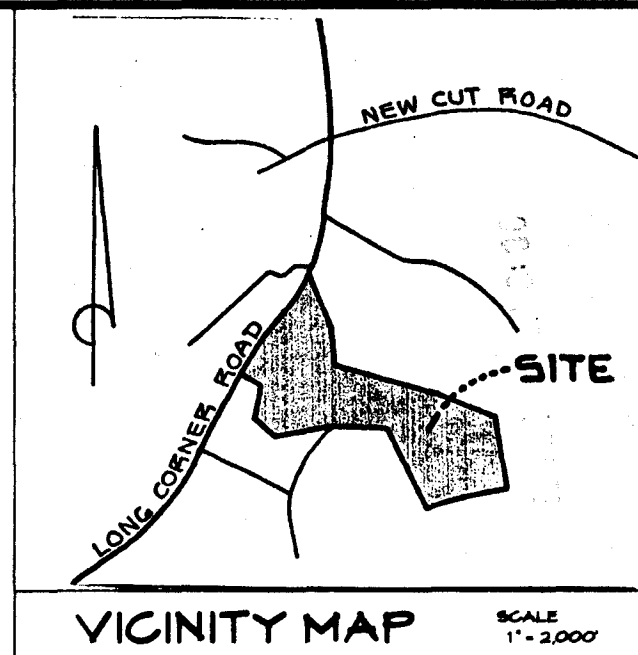
## SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN. (1 DAY)
3. PERFORMED NECESSARY GRADING AND STABILIZE THE SITE. BUILD HOUSE ( 6 MOS.)
4. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS. ( 2 DAYS)

## SEPTIC SYSTEM NOTES

1. SEPTIC BASIN SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
2. PROPOSED 1500 GALLON SEPTIC TANK
3. A. FIRST FLOOR ELEVATION: 782.64
4. B. BASEMENT ELEVATION: 774.0
5. C. INVERT OF SEPTIC SYSTEM AT HOUSE: 771.5
6. D. INVERT AT SEPTIC TANK: 769.05
7. E. INVERT OUT AT SEPTIC TANK: 768.75
8. F. PROPOSED GRADE OVER SEPTIC TANK: 772.5
9. G. INVERT AT DISTRIBUTION BOX: 768.5
10. H. EXISTING GROUND OVER DISTRIBUTION BOX: 772.0
11. I. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE
12. J. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

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



Total linear feet of trench required 320 feet

Width of trench(es) 3 feet

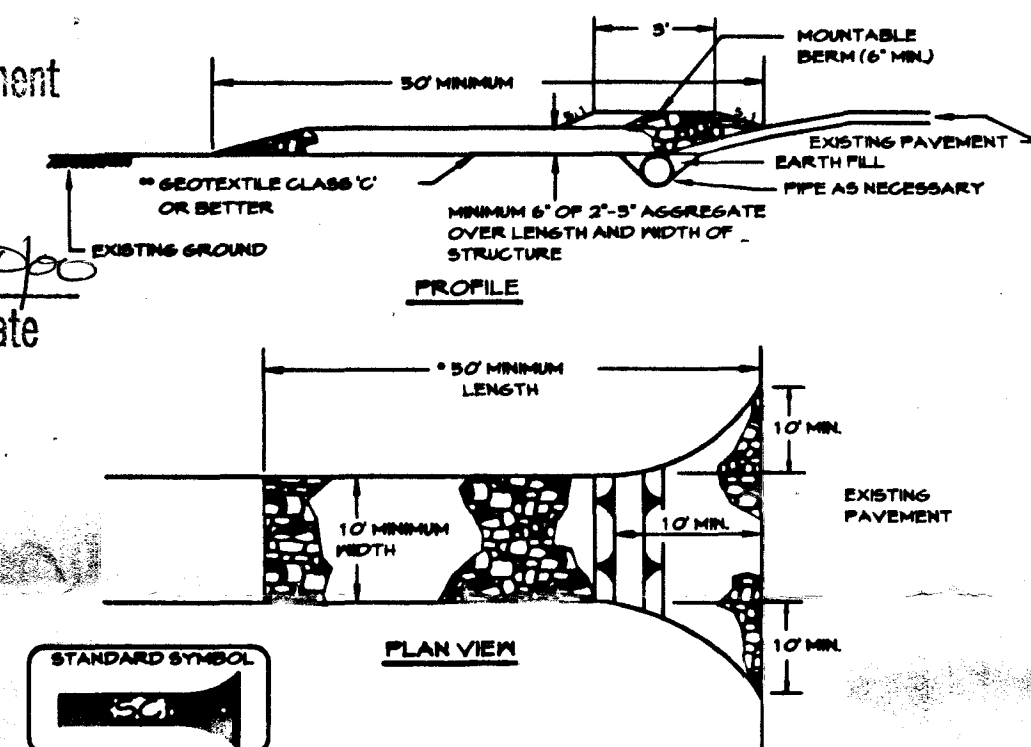
Depth of trench(es) 5.5 feet

Depth of stone required below distribution pipe 1.5 feet

Approved Septic System Plan  
Howard County Health Department

Signature [Signature] Date 3/14/00

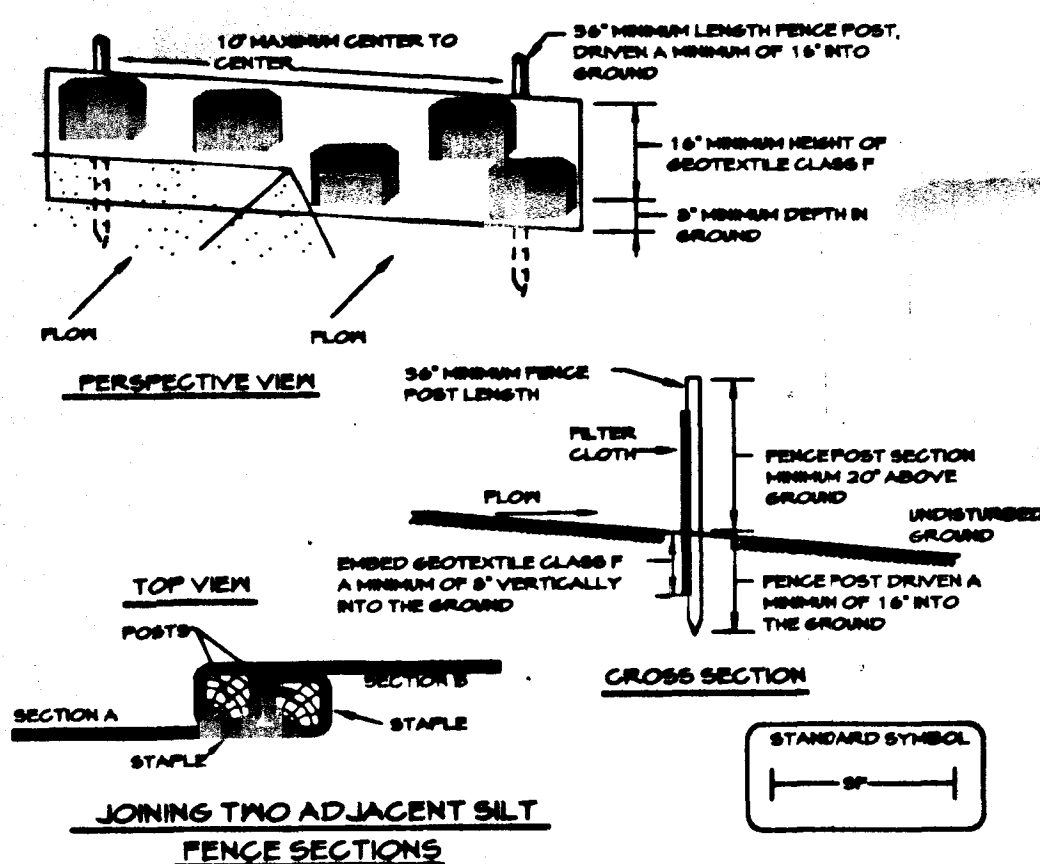
## DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



### Construction Specification

1. Length - minimum of 50' (75' for single residence lot).
2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

## DETAIL 22 - SILT FENCE



### Construction Specifications

1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 1/2" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.
2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

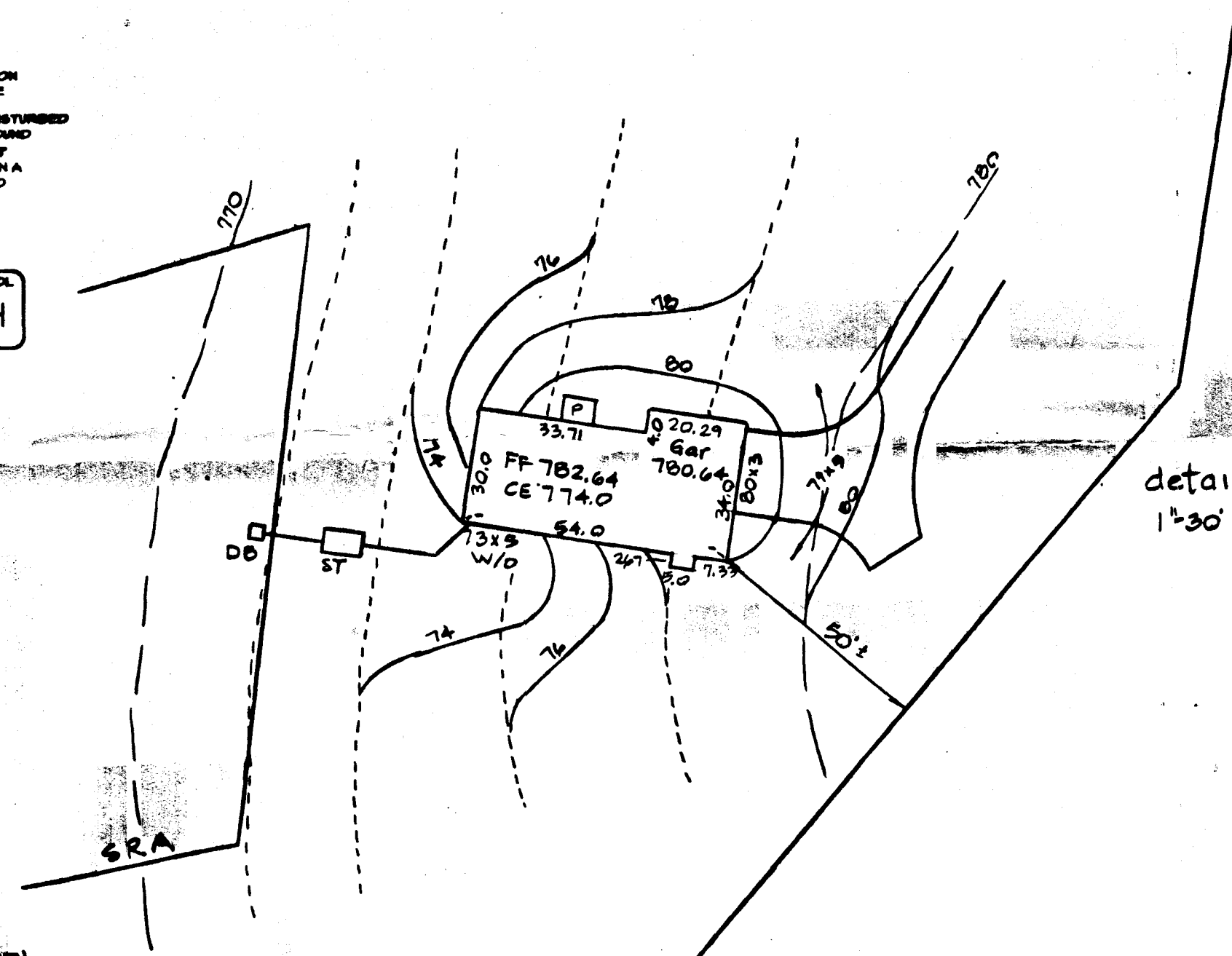
Tensile Strength	50 lbs./in. (min.)	Test: MSMT 504
Tensile Modulus	20 lbs./in. (min.)	Test: MSMT 504
Flow Rate	0.5 gal / minute (max.)	Test: MSMT 522
Filtering Efficiency	75% (min.)	Test: MSMT 522

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

### Silt Fence Design Criteria

Slope Steepness	(Maximum) Slope Length	(Maximum) Silt Fence Length
Flatter than 50:1	unlimited	unlimited
50:1 to 10:1	125 feet	1,000 feet
10:1 to 5:1	100 feet	750 feet
5:1 to 3:1	60 feet	500 feet
3:1 to 2:1	40 feet	250 feet
2:1 and steeper	20 feet	125 feet

Note: In areas of less than 2% slope and sandy soils (USDA general classification system, soil Class A) maximum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only perimeter control required.



## PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT

Pleasant Hills

LOT 2

4th ELECTION DISTRICT • HOWARD COUNTY, MARYLAND

TAX MAP: 12  
scale 1"=100'

PARCEL: 5  
2-21-2000

# CLSI

Carroll Land Services  
Incorporated

Engineers • Surveyors • Land Development Consultants  
Landscape Architects • Environmental Specialists

439 East Main Street Westminster, MD 21157-5539

(410) 876-2017 FAX (410) 876-0009

Surveyed By: CBB Drawn By: CBB  
Computed By: CBB Checked By: [Signature]



Alfred L. Howard  
Professional Engineer Registration No. 23446

Date: 2/22/01

Drawing No: 2000 023

County File No:



# APPLICATION

PERCOLATION TESTING

A 43320

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 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. X LOT #2

ROAD AND DESCRIPTION Off Long Corner Road

TAX MAP 12 PARCEL # 5

SIZE OF LOT 3.86 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.

Foris K. Korman  
(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 - Hold for Subd. Plat. Sale

HD-216

# THIS IS NOT A PERMIT



REMARKS Shallow Syst only  
Holes A-C AS STAKE CHTRS DIFF AREA MOVED DOWN 14" //

TYPE OF SOIL MT Killy - MAJOR

TESTED BY S. Abel ALSO PRESENT Rocky Allen  
McK F.



3.674

WAT KING

LOT 2  
400 AC

LOT 1  
3.820

LEGEND

25% SLOPE

# PROPOSED HOUSE

# PROPOSED WELL SETBACK



4  
58 ACRES

LOT 6  
3.1945 ACRES

LOT 5  
3.0420 ACRES

LOT 2  
4.1760 ACRES

LOT 1  
3.9289 ACRES

CESS &  
ENT

LAND DEDICATED TO HOWARD COUNTY, MD.  
FOR THE PURPOSES OF A PUBLIC ROAD (2.1922 Ac.)

P.A.  
PROFFITT  
L.1687  
F.247

WALTER  
L.1110 F.574

**COORDINATES**

No.	NORTH	EAST
201	540614.6542	755382.6705
110	540171.4188	755640.0913
109	540054.0441	755676.5844
	5400762.6568	755700.9288

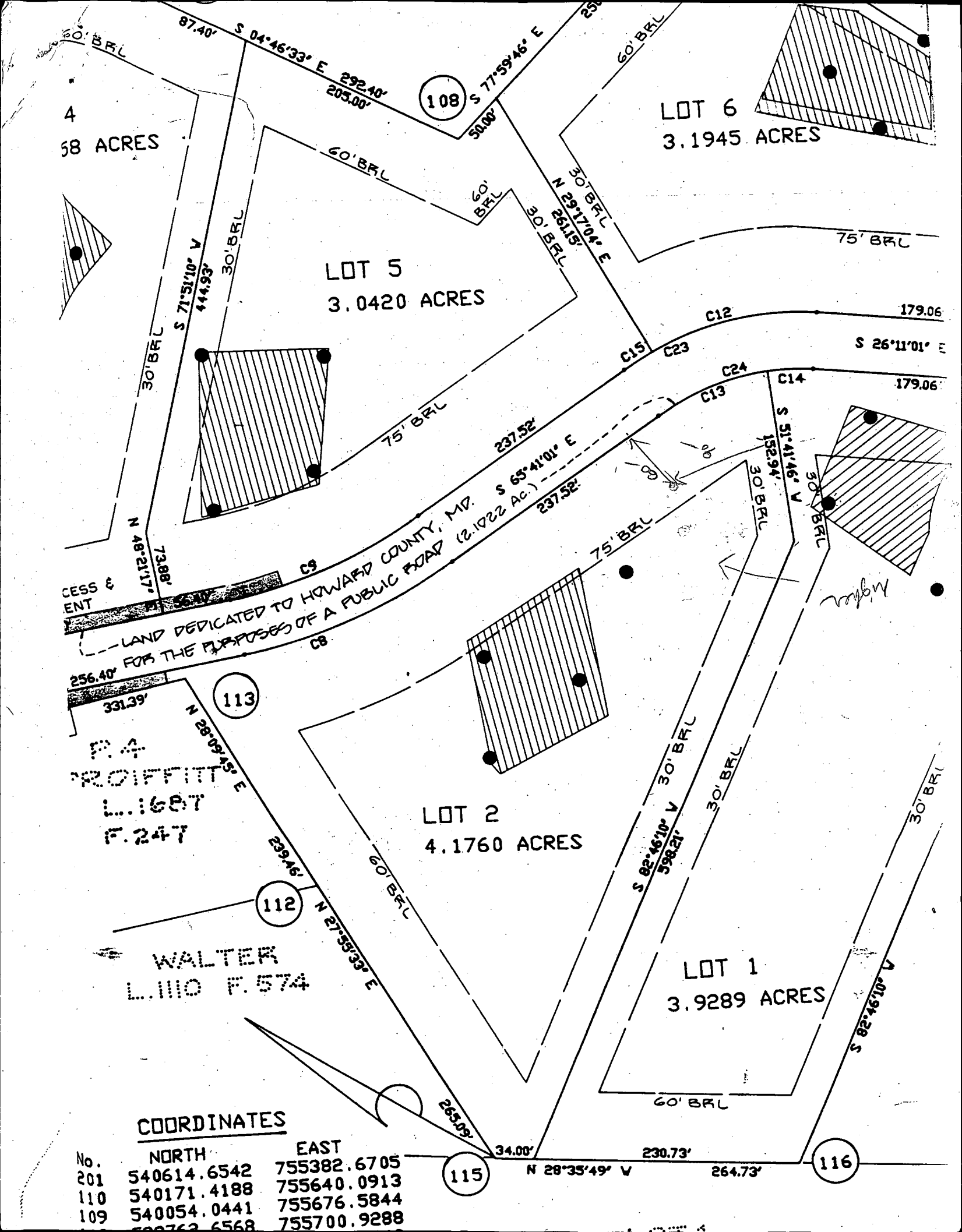
108

113

112

115

116





<b>C1</b> <b>06749</b>		SEQUENCE NO. (MDE USE ONLY)		<b>STATE OF MARYLAND</b> <b>WELL COMPLETION REPORT</b> FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.	
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 IN ALL CARDS)						COUNTY NUMBER <b>A 43320</b>	
ST/CO USE ONLY DATE Received MM DD YY 8 13		DATE WELL COMPLETED MM DD YY 5 20 99 15 20		Depth of Well 22 300 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-7257 28 29 30 31 32 33 34 35 36 37	
OWNER <b>WORKINS WORTH</b> STREET OR RFD <b>PLEASANT HILLS</b> TOWN <b>MT. AIRY</b> SUBDIVISION <b>PLEASANT HILLS</b> SECTION <b>1</b> LOT <b>2</b>							
<b>WELL LOG</b> Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING			<b>GROUTING RECORD</b> WELL HAS BEEN GROUTED (Circle Appropriate Box) <b>Y</b> <b>N</b> TYPE OF GROUTING MATERIAL (Circle one) CEMENT <b>CM</b> BENTONITE CLAY <b>BC</b> NO. OF BAGS <b>12</b> NO. OF POUNDS <b>1125</b> GALLONS OF WATER <b>72</b> DEPTH OF GROUT SEAL (to nearest foot) from <b>0</b> ft. to <b>60</b> ft. (enter 0 if from surface)			<b>C3</b> <b>PUMPING TEST</b> HOURS PUMPED (nearest hour) <b>6</b> PUMPING RATE (gal. per min.) <b>3.5</b> METHOD USED TO MEASURE PUMPING RATE <b>Submersible</b> WATER LEVEL (distance from land surface) BEFORE PUMPING <b>43</b> ft. WHEN PUMPING <b>199</b> ft. TYPE OF PUMP USED (for test) <b>A</b> air <b>P</b> piston <b>T</b> turbine <b>C</b> centrifugal <b>R</b> rotary <b>O</b> other (describe below) <b>J</b> jet <b>S</b> submersible	
DESCRIPTION (Use additional sheets if needed)			<b>CASING RECORD</b> casing types insert appropriate code below <b>ST</b> STEEL <b>CO</b> CONCRETE <b>PL</b> PLASTIC <b>OT</b> OTHER MAIN CASING TYPE <b>PL</b> Nominal diameter top (main) casing (nearest inch) <b>6 1/2</b> Total depth of main casing (nearest foot) <b>63</b> EACH CASING			<b>PUMP INSTALLED</b> DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) <b>NO</b> 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. <b>29</b> CAPACITY: GALLONS PER MINUTE (to nearest gallon) <b>31</b> <b>35</b> PUMP HORSE POWER <b>37</b> <b>41</b> PUMP COLUMN LENGTH (nearest ft.) <b>43</b> <b>47</b> CASING HEIGHT (circle appropriate box and enter casing height) <b>+</b> above } LAND SURFACE <b>-</b> below } <b>2</b> (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) <b>WATKINS WREN</b> <b>100+ ft. well</b> <b>Lot # 2</b>	
NUMBER OF UNSUCCESSFUL WELLS: <b>0</b>			<b>SCREEN RECORD</b> screen type or open hole (insert appropriate code below) <b>ST</b> STEEL <b>BR</b> BRASS <b>HO</b> OPEN HOLE <b>PL</b> PLASTIC <b>OT</b> OTHER DEPTH (nearest ft.) <b>HO</b> <b>61</b> <b>300</b>			<b>2</b> 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	
WELL HYDROFRACTURED <b>Y</b> <b>N</b>			SLOT SIZE 1 <b>2</b> 3 DIAMETER OF SCREEN (NEAREST INCH) from to			GRAPNEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	
CIRCLE APPROPRIATE LETTER <b>A</b> A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED <b>E</b> ELECTRIC LOG OBTAINED <b>P</b> 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. <b>M 5 D 143</b> DRILLERS SIGNATURE <b>Demetrius</b> (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. <b>M D</b>			MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)							



B 1 <b>6435</b> 1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND <b>PERMIT TO DRILL WELL</b> please print or type	STATE PERMIT NUMBER <b>HO-94-2257</b> 70 fill in this form completely 79
Date Received (ARA) <b>5/3/94</b> 8 MM DD YY 13 <b>5845124 HOMES INC</b> 15 Last Name Owner First Name 34 <b>16445 Old Frederick Rd</b> 36 Street or RFD 55 <b>MT AIRY MD 21771</b> 57 Town 70 State 72 Zip 76		B 3 <b>HOWARD</b> LOCATION OF WELL 8 COUNTY 21 <b>PLEASANT HILLS</b> 23 SUBDIVISION 42 SECTION <b>1</b> 44 46 LOT <b>2</b> 48 50 <b>MT AIRY</b> 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) <b>4</b> 73 M I 76 77 78	
<b>DRILLER INFORMATION</b> <b>Perry HOBLEY</b> <b>MSD143</b> Driller's Name 76 License No. 81 <b>HOBLEY DRILLING &amp; PUMP SYSTEM</b> Firm Name <b>Box 160 WALKINS WAY, MD 21771</b> Address <b>Don HALL</b> <b>4-29-99</b> Signature Date		B 4 <b>WATKINS WAY</b> 11 <b>LONG CORNER RD</b> 30 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH N WEST W EAST E SOUTH S 34 <b>50</b> 37 DISTANCE FROM ROAD ENTER ( ) OR MI 38 39 <b>FT</b> TAX MAP: _____ BLK: _____ PARCEL: _____	
B 2 <b>WELL INFORMATION</b> APPROX. PUMPING RATE <b>3</b> (GAL. PER MIN.) 8 12 AVERAGE DAILY QUANTITY NEEDED <b>500</b> (GAL. PER DAY) 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <b>HOWARD</b> <b>A43320</b> COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED <b>05/19/99</b> <b>05/14/00</b> 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID <b>540</b> 50 0 0 0 55 EAST GRID <b>10755</b> 57 0 0 0 63 SRK	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 22 <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <b>well</b> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E <b>755</b> N <b>540</b>	
APPROXIMATE DEPTH OF WELL <b>200</b> FEET 24 28 APPROXIMATE DIAMETER OF WELL <b>6"</b> NEAREST INCH		METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTARY <b>AIR-PERCussion</b> ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTARY DRIVE-POINT other _____	
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEIN AN-EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (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 (MDE OR COUNTY USE ONLY)			
APPROP. PERMIT NUMBER <b>54</b> G A P <b>63</b> FORCE <b>DS</b> WRITE INITIALS IN BOX <b>HO-94-2257</b> PERMIT No. <b>70 71 72 73 74 75 76 77 78 79</b>			
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED			





## 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 ✓



