

12/30/88  
Am BMP

05-399270

# PERMIT

P 43303

SEWAGE DISPOSAL SYSTEM

A 26622

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

DATE 1/3/89

DATE SYSTEM APPROVED 1/3/89

INSPECTOR M. Rifkin

Cook & Reid

IS PERMITTED TO INSTALL X ALTER       

ADDRESS 309 F. Howard Avenue, Rockville, Maryland 20805 PHONE 424-5621

SUBDIVISION Dayton Meadows ROAD 4874 Green Bridge Rd LOT 4, Sec.1, Area 2

PROPERTY OWNER Robert Linkous

ADDRESS        BUILDING PERMIT SIGNED

AND RETURNED

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22% 705800151816 FMSH SEE       

GARBAGE GRINDER? YES 2 NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Beginning from the intersect of the left (522.4') line and left (461.13') lot line, place the first trench 185 feet up the left (461.13 ft lot line and 80 feet off the same lot line as seen when facing the lot from Greenbridge Road. Run trenches on contour toward the rear of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/CW

PLANS APPROVED BY Sid Abel DATE 8/29/88

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

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(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES)

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

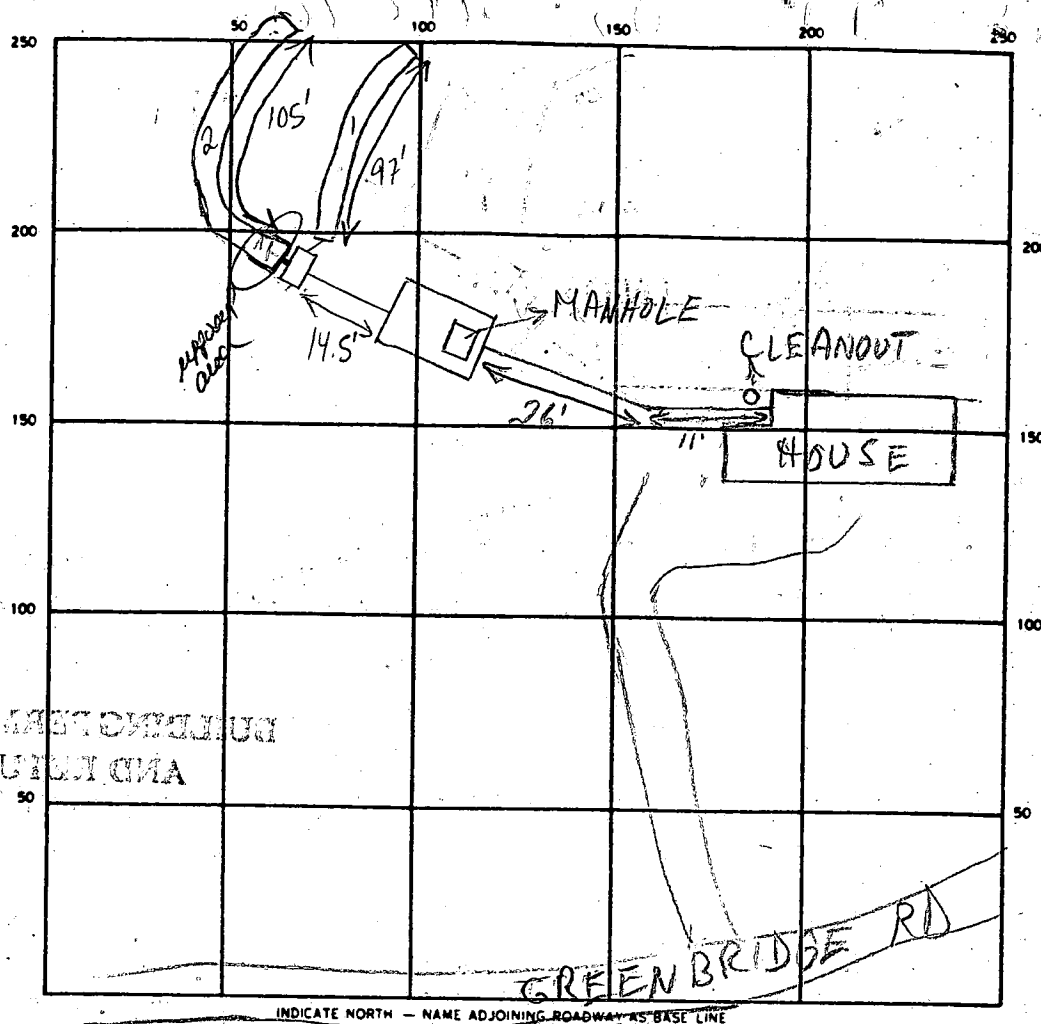
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

26622



SEPTIC TANK LEVEL OK (10.5' x 5') CLEANOUTS OK - MANHOLE FOR TANK IN-LINE AT HOUSE  
 DISTRIBUTION BOX LEVEL BAFFLE TO BE SET IN  
 DRAIN FIELD/TILE FIELD. DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.  
 EFFECTIVE GRAVEL DEPTH 3.5 FT. TOTAL LENGTH 210.5 FT.  
 NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 800 SQ. FT.  
 DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET 4 FT.  
 ABSORBENT AREA 800 SQ. FT.

REMARKS 12/29/88 TRENCHES COMPLETE, OK TO COVER ALL WORK  
MR. GRAVEL ONLY 3.5' DEEP, BUT TANK OUTLET  
ALREADY SET; NO EQUIP. TO RAISE TANK. SLOPE OF PIPE  
UPSET IF ONLY PIPE RAISED. W/CLAYEY SOIL DECIDED  
TO ACCEPT CONDITIONS AS THEY EXIST. MR  
26.5' TRENCH SHORT (~100') MR 1/3/89 1/5/89 CONTRACTOR DETECTED 4" OF STONE IN TRENCH, WHERE TRENCH EXPOSED APPROX. 3.5' WAS NOTED BUT REMAINING

DATE SYSTEM APPROVED 12/30/88 INSPECTOR M. R. Fick

CONTRACTOR DETECTED 4" OF STONE IN TRENCH, WHERE TRENCH EXPOSED APPROX. 3.5' WAS NOTED BUT REMAINING  
 MRS 4' SM



A 26622SUBDIVISION: Dayton MeadowsLOT NUMBER: 4

Sec. 1

AREA 2

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
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.

TRENCHES244 WITH DISPOSAL200 sq. ft./bedroomTrench to be 2 wide.Inlet 4 feet below original grade.Bottom maximum depth 8 feet below original grade.Effective area begins at 4 feet below original grade.4 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: Beginning from the intersect of the left 522.4' line  
and left 461.13' line place the first trench 185 ft up the  
left 461.13 ft lot line and 80 ft off the same lot line  
as seen when facing the lot from Greenbridge Rd. Run  
trenches on contour toward the rear of lot. 8-29-88  
S. Alm

PRELIMINARY

# APPLICATION

A 26622

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT 5th  
DATE 8/16/77

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 William Mitchell Robert Linkous

ADDRESS \_\_\_\_\_ PHONE Paul Kottis  
421-9433

PROPERTY LOCATION:

SUBDIVISION Dayton Meadows LOT NO. 5, Block B

ROAD AND DESCRIPTION 4874 Green Bridge Road

SIZE OF LOT 40,000 sq. ft. TYPE BLDG. 3 or 4 bedrooms

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Paul Kottis

APPROVED BY Sid Ahl FOR Dep Supt. DATE 9-23-88  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

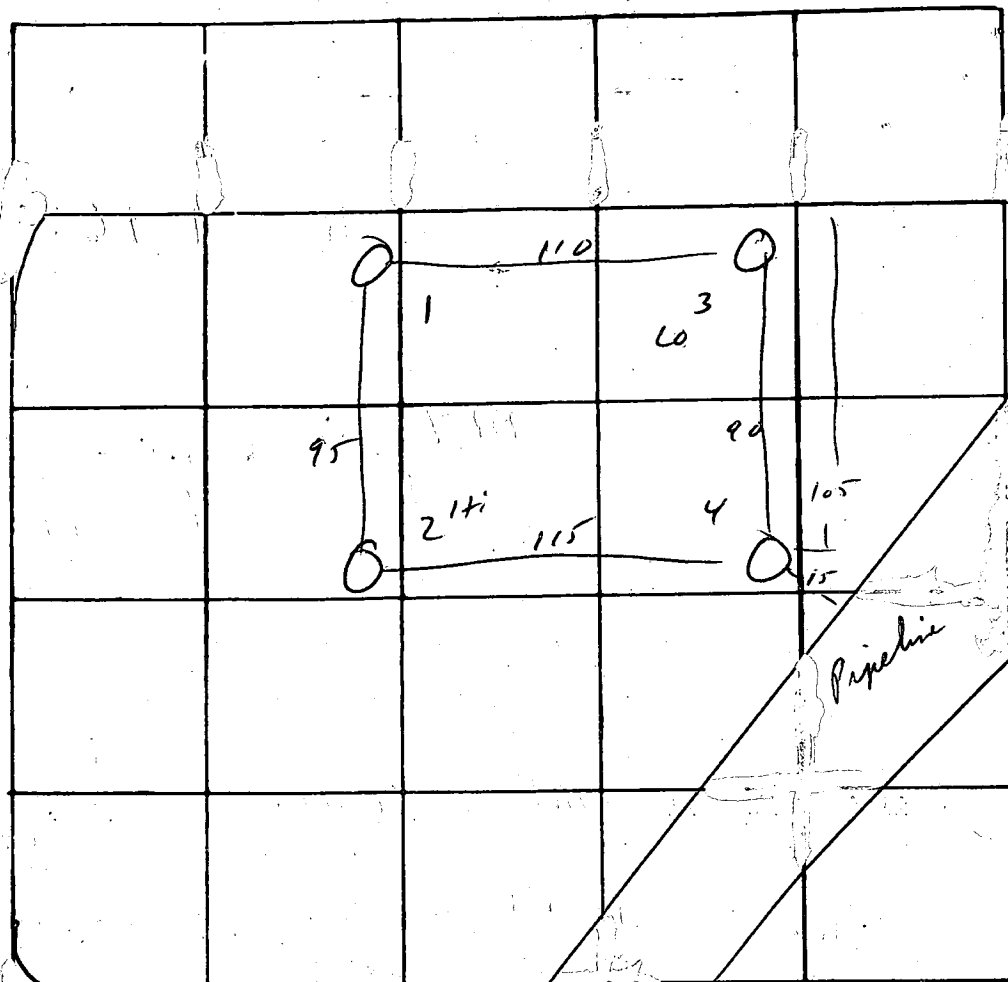
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED 9-23-88

BP21046  
SA

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

← Rw →

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
24 Aug 77	1	3 1/2	1 26	1 33	1 33	1 45	12
	1A	14	"	"	"	1 41	8
	2	4	1 27				>30
	2A	14	"	1 44	1 44	2 12	28
	3	3	1 29	<del>1 36</del>	<del>1 36</del>		>30
	3A	14	"	1 31	1 31	1 49	13
	4	13	V1's				
25 Aug 77	2B	5	11 33	< 1/2" by 11 15			>30
	3B	4	11 31	11 35	11 35	11 45	10
	2C	5 1/2'	3 : 33	3 : 35	3 : 35	3 : 38	3 min

Below  
sandy clay  
down

REMARKS

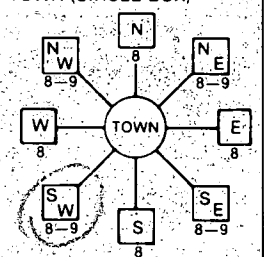
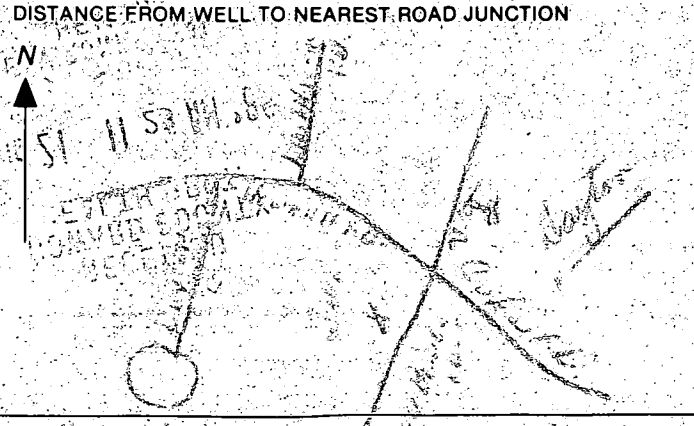
TYPE OF SOIL

TESTED BY

M + C B S 17 test

ALSO PRESENT:

Kotia + backhoe  
digger

<b>B 1</b> 5242 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	SEQUENCE NO. (OEP USE ONLY)	<b>STATE OF MARYLAND</b> <b>PERMIT TO DRILL WELL</b> please print or type	OEP PERMIT NUMBER <b>HO-81-1663</b> <small>fill in this form completely</small>
<b>Date Received</b> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px;"></div>		<b>B 3</b> LOCATION OF WELL <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px;"></div>	
<b>OWNER INFORMATION</b> 15 Last Name <b>ASSOCIATES</b> Owner <b>CARMAN</b> First Name 36 Street or RFD 57 Town State Zip		8 COUNTY <b>DAVENPORT</b> 21 23 SUBDIVISION SECTION <b>4</b> LOT <b>4</b> AREA <b>2</b> 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) <b>0</b> M <b>1</b>	
<b>DRILLER INFORMATION</b> Driller's Name <b>James H. Thompson</b> 77 License No. <b>80</b> Firm Name <b>Thompson Drilling</b> Address <b>5510 Piller Rd. Mt. Airy, NC</b> Signature <b>James H. Thompson</b> Date <b>8/9/86</b>		<b>B 4</b> DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
<b>B 2</b> WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <b>100</b> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <b>5000</b>		11 NEAR WHAT ROAD <b>Good Hope Rd.</b> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH <input checked="" type="checkbox"/> EAST <input type="checkbox"/> WEST <input type="checkbox"/> SOUTH <input type="checkbox"/> 34 <b>100</b> 37 DISTANCE FROM ROAD ENTER FT or MI <b>FT</b>	
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. <input type="checkbox"/> OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME <b>DAVENPORT</b> COUNTY NO. <b>12</b> OEP SIGNATURE <b>[Signature]</b> STATE HEALTH INSERT S <input type="checkbox"/> DATE ISSUED <b>03/10/87</b> EXP. DATE NORTH GRID <b>5118 00 00</b> EAST GRID <b>0802 00 00</b>	
APPROXIMATE DEPTH OF WELL <b>300</b> FEET APPROXIMATE DIAMETER OF WELL <b>6</b> INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE <div style="border: 1px solid black; width: 100px; height: 50px; margin: 5px;"></div>	
<b>METHOD OF DRILLING (circle one)</b> BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/> 30 AIR ROTary <input type="checkbox"/> AIR PERcussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> 37 CABLE <input type="checkbox"/> REVerse ROTary <input type="checkbox"/> DRive POINT <input type="checkbox"/> other _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b> <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 <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER <b>54</b> <b>G A P</b> <b>63</b> FORCE <b>41</b> WRITE INITIALS IN BOX <b>HO-81-1663</b> PERMIT No. <b>HO-81-1663</b> 67 68 70 71 72 73 74 75 76 77 78 79	
<b>SPECIAL CONDITIONS</b>			

B 1 **3540** SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND  
PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

**HO-88-0140**

fill in this form completely

Date Received (APA)

**081588**

OWNER INFORMATION

**VATES KENNETH** Owner First Name  
**13299 BALTIMORE AVE** Street or RFD  
**Lanuel** Town **MD20202** Zip

DRILLER INFORMATION

**Ralph MAYNE** Driller's Name **223** License No. 80  
**Ralph MAYNE Well Drilling** Firm Name  
**9170 Kenna Church Rd. Mt Airy** Address  
**Ralph Mayne** Signature **8/14/88** Date

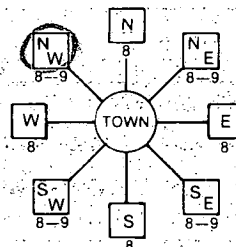
B 3

LOCATION OF WELL

**HOWARD** COUNTY  
**DAYTON MEADOWS** SUBDIVISION  
 SECTION **1** LOT **4**  
**DAYTON** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **1** MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

**Dayton Meadows Cr.**

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



**800** DISTANCE FROM ROAD  
 ENTER FT or MI **FT**

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** COUNTY NAME  
**A#26622** COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S  
 DATE ISSUED **081988** CO SIGNATURE **Charles E. Theaker** EXP. DATE **3/19/89**  
 NORTH GRID **512000** EAST GRID **0803000**

APPROXIMATE DEPTH OF WELL **150** FEETAPPROXIMATE DIAMETER OF WELL **6"** 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 \_\_\_\_\_

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) \_\_\_\_\_

Not to be filled in by driller (OEP USE ONLY).

APPROX. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_

FORCE **CS** WRITE INITIALS PERMIT NO. **HO-88-0140**  
 IN BOX

SPECIAL CONDITIONS **369-11000**  
**New Concept. Hume's Inc.**

COUNTY

SHOW MAJOR FEATURES OF BOX &amp; LOCATE WELL WITH AN X

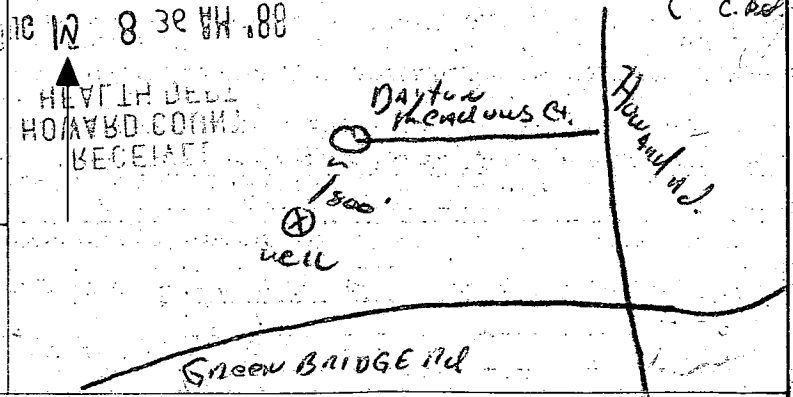
SOURCES OF DRILLING WATER

- well**
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

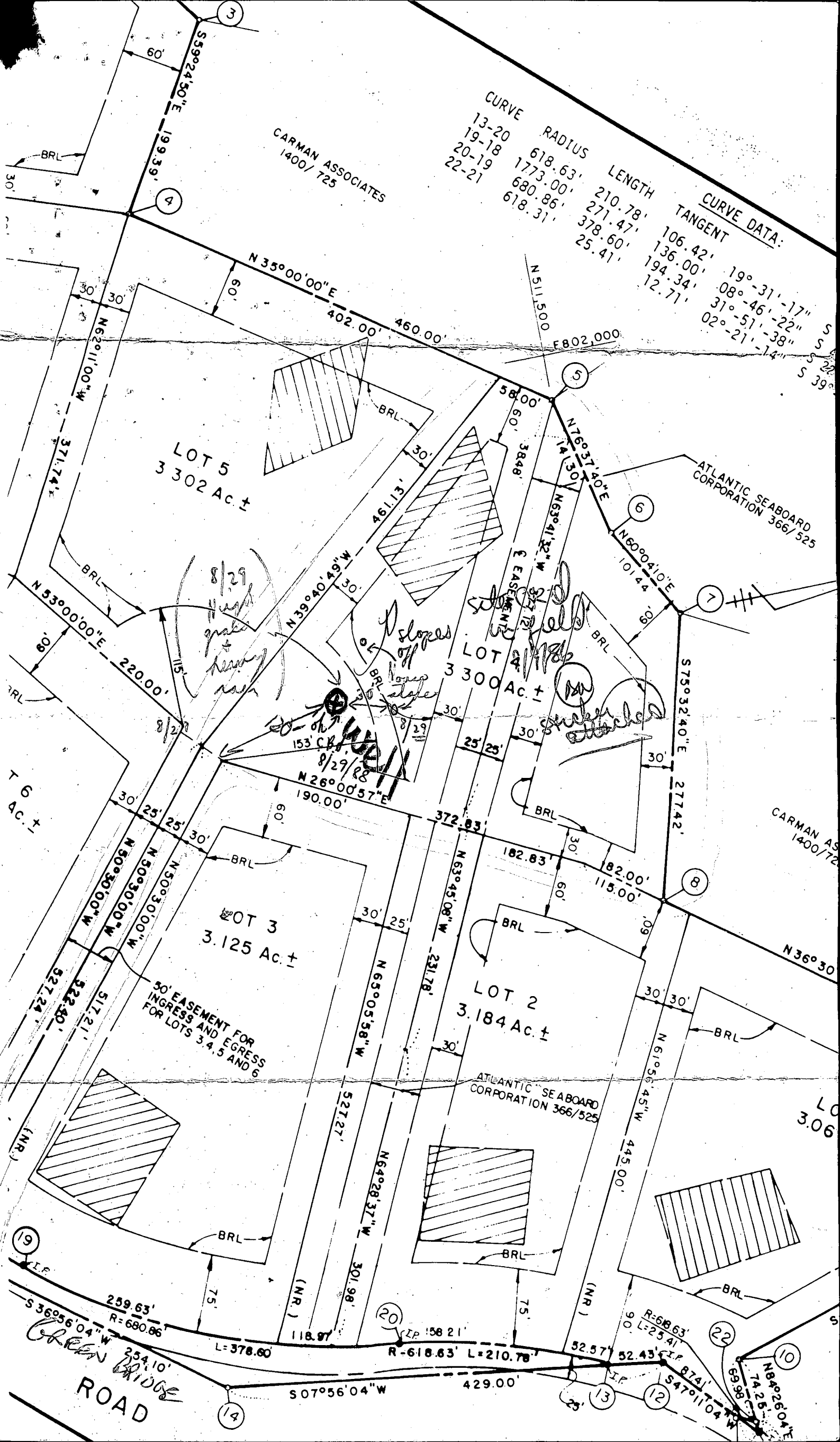
**800 3****HEALTH 512 2**

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



CARMAN ASSOCIATES  
1400/725

CURVE	RADIUS	LENGTH	TANGENT	CURVE DATA:
13-20	618.63'	210.78'	106.42'	19°-31'-17"
19-18	1773.00'	271.47'	136.00'	08°-46'-22"
20-19	680.86'	378.60'	194.34'	31°-51'-38"
22-21	618.31'	25.41'	12.71'	02°-21'-14"



<b>C1</b> 0692		SEQUENCE NO. (DENY 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.			
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				COUNTY NUMBER	A = 25622			
DATE Received		DATE WELL COMPLETED		Depth of Well		PERMIT NO. FROM "PERMIT TO DRILL WELL"		
8 13		15 20		22 26 (TO NEAREST FOOT)		28 29 30 31 32 33 34 35 36 37		
OWNER		YATES KENNETH		first name				
STREET OR RFD		DAYTON MEADOWS COURT		TOWN		DAYTON MD.		
SUBDIVISION		DAYTON MEADOWS SECTION 1		LOT		4		
<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 CEMENT <b>CM</b> BENTONITE CLAY <b>BC</b> NO. OF BAGS 12 NO. OF POUNDS 1200 GALLONS OF WATER 22 DEPTH OF GROUT SEAL (to nearest foot) from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)			<b>C3</b> 1 2 <b>PUMPING TEST</b> HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 5 METHOD USED TO MEASURE PUMPING RATE Puckett WATER LEVEL (distance from land surface) BEFORE PUMPING 50 WHEN PUMPING 78 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)			FEET FROM TO			Check if water bearing		
Top Soil			0 2					
Sandy			2 35					
Sand Stone			35 45					
MICKA			45 50					
Sand Stone			50 55					
MICKA			55 280					
Sand Stone			280 285					
MICKA			285 305					
<b>CASING RECORD</b> casing types insert appropriate code below <b>ST</b> <b>CO</b> STEEL CONCRETE <b>PL</b> <b>OT</b> PLASTIC OTHER			<b>MAIN CASING TYPE</b> Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) <b>PL</b> <b>6</b> <b>48</b>					
<b>OTHER CASING (if used)</b> EACH CASING diameter inch depth (feet) from to								
<b>SCREEN RECORD</b> screen type or open hole insert appropriate code below <b>ST</b> <b>BR</b> <b>HO</b> STEEL BRASS OPEN HOLE <b>PL</b> <b>OT</b> PLASTIC OTHER			<b>C2</b> 1 2 DEPTH (nearest ft.) 1 <b>HO</b> 44 305 2 3 EACH SCREEN					
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			SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH)					
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "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.			GRAVEL PACK from to IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68					
DRILLERS IDENT. NO. 253 Blash Mayne			OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA					
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)			SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)					
COUNTY								

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)

35' well 800' 30' 40'

Page 1 of 1  
Date Sept 16/88

Review OK 12/5/88 CW

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

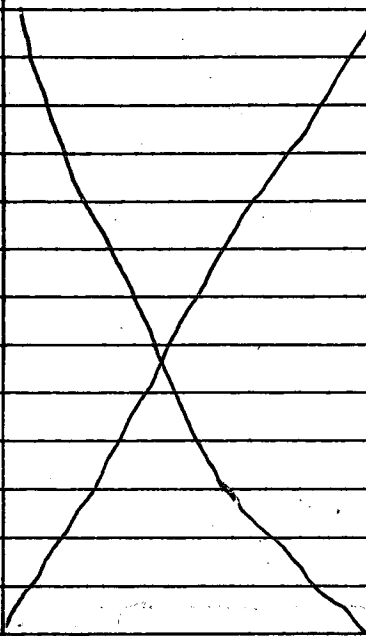
Well Permit No. HO - 88-0140  
Location of property (road) DAYTON MEADOWS COURT GREEN BRIDGE Rd.  
Subdivision DAYTON MEADOWS Lot 4 Block - Plat - Sec. 1  
Well Driller RALPH MAYNE Owner KENNETH YATES

Depth of well 305 ft  
Distance of measuring point (M.P.) above ground 2 ft  
Static water level (S.W.L.) below M.P. 150 ft

I. High rate pumping -- reservoir drawdown

Time pump started 8:10 Pumping rate 10 G.P.M  
Total time 20 min to reach pumping water level 72 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE / time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	78 ft	12 sec		5 G.P.M
8:45	78 ft	12 sec		5 G.P.M
9:00	78 ft	12 sec		5 G.P.M
9:15	78 ft	12 sec		5 G.P.M
9:30	78 ft	12 sec		5 G.P.M
9:45	78 ft	12 sec		5 G.P.M
10:00	78 ft	12 sec		5 G.P.M
10:15	78 ft	12 sec		5 G.P.M
10:30	78 ft	12 sec		5 G.P.M
10:45	78 ft	12 sec		5 G.P.M
11:00	78 ft	12 sec		5 G.P.M
11:15	78 ft	12 sec		5 G.P.M
11:30	78 ft	12 sec		5 G.P.M



12/30/88  
mm

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 X  
Replacement \_\_\_\_\_

Receipt # 43304  
Date 12/29/88

Name of Installer Cook & Reid Plumbing

Telephone (301) 424-5621

License Number \_\_\_\_\_  
Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber X

Name of Property Owner Mr. and Mrs. Linkous Telephone (703) 667-5403  
Subdivision Dayton Meadows Lot # 4 Well Tag # \_\_\_\_\_  
Site Address 4874 Green Bridge Rd., Dayton, MD 21036

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower <u>3/4</u>	1. Make <u>Mid-west dicken</u>
a. Deep well jet <u>0</u>	2. RPM <u>3,450</u>	2. Model # <u>irs 10</u>
b. Shallow well jet _____	3. Voltage _____	3. Depth <u>275 ft.</u>
c. Submersible <u>X</u>	a. 110 _____	
2. Make <u>Jacuzzi</u>	b. 220 <u>X</u>	
3. Model # _____		
4. Capacity <u>5</u> GPM		
5. Pump exceeds well capacity Yes _____ No <u>X</u>		
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 <u>X</u> Cable guards <u>X</u> Other _____		

Tank	Piping	Well data
1. Capacity <u>20 gal.</u>	1. Type <u>Plastic</u>	1. Depth <u>300</u> ft.
2. Pressure relief valve? <u>yes</u>	2. Size <u>linch</u>	2. Yield <u>5</u> GPM
	3. NSF and/or BOCA Code approved <u>yes</u>	3. Static water level <u>60</u> ft.
	4. Depth of supply line <u>275 ft.</u>	4. Will water supply be disinfected by installer? <u>no</u>

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).

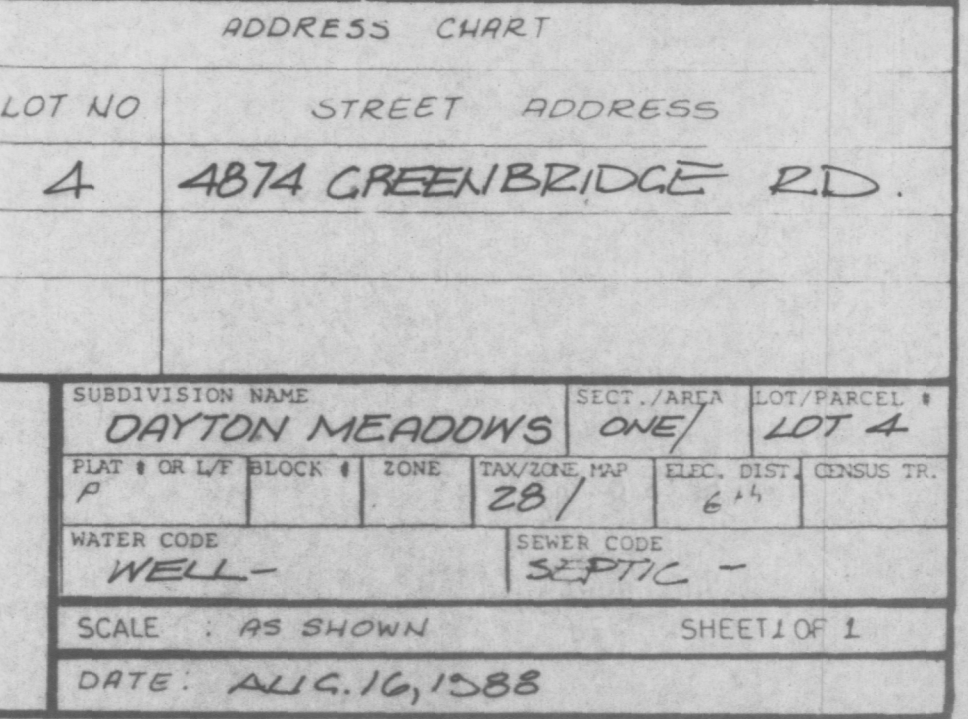
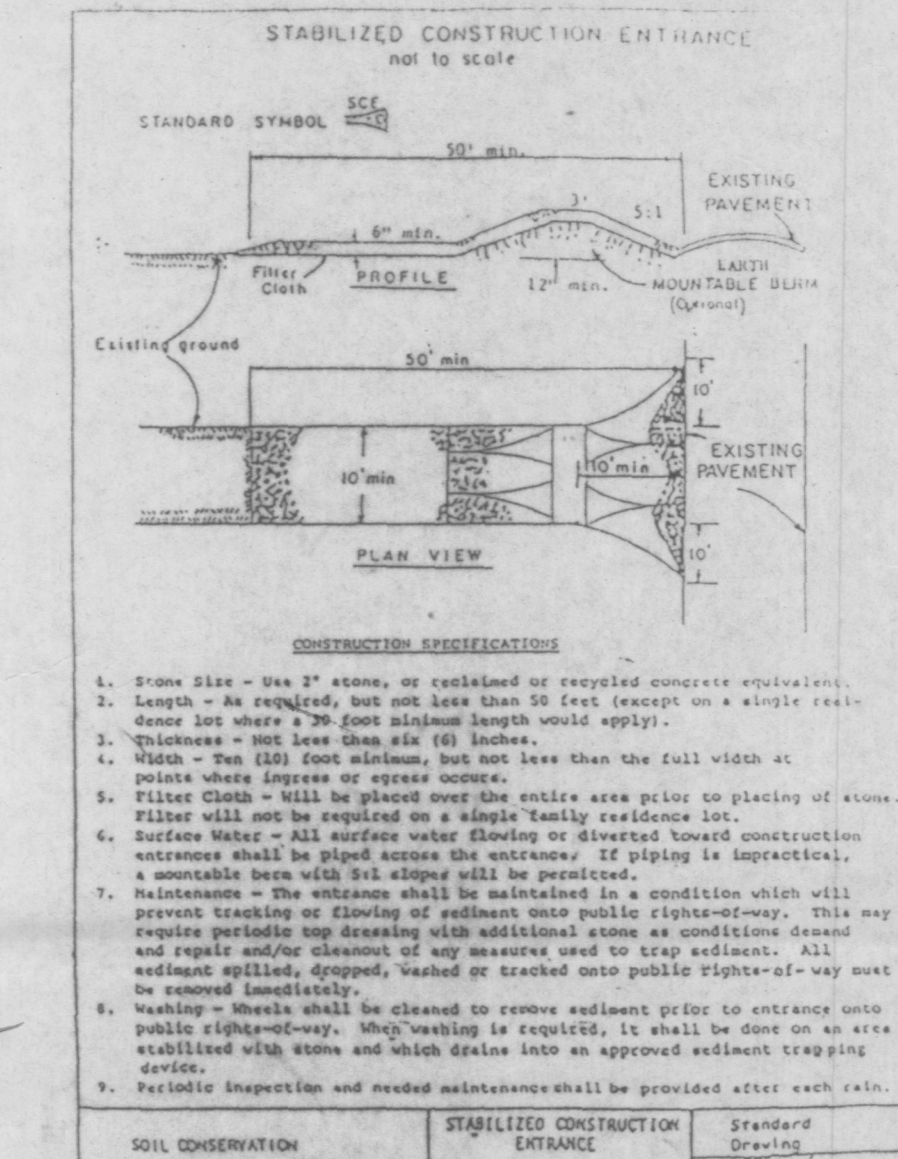
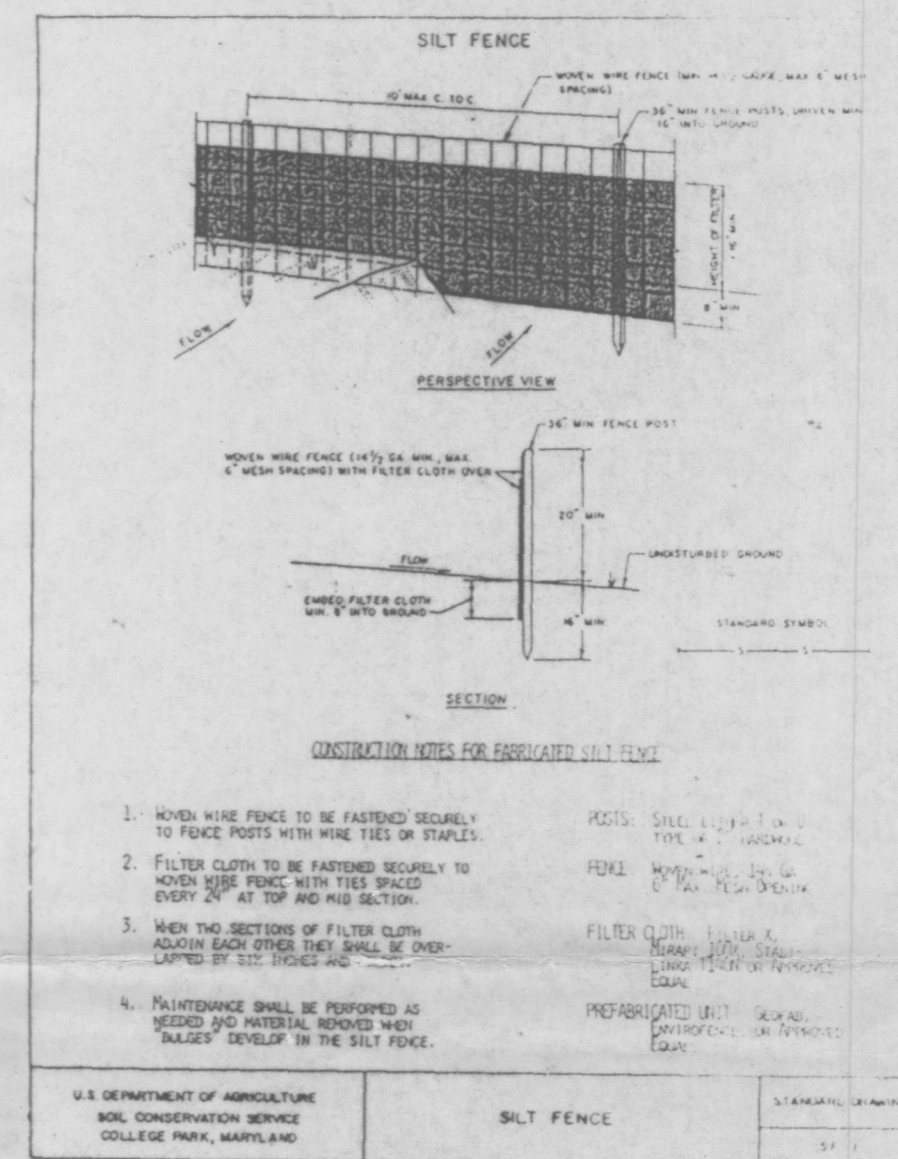
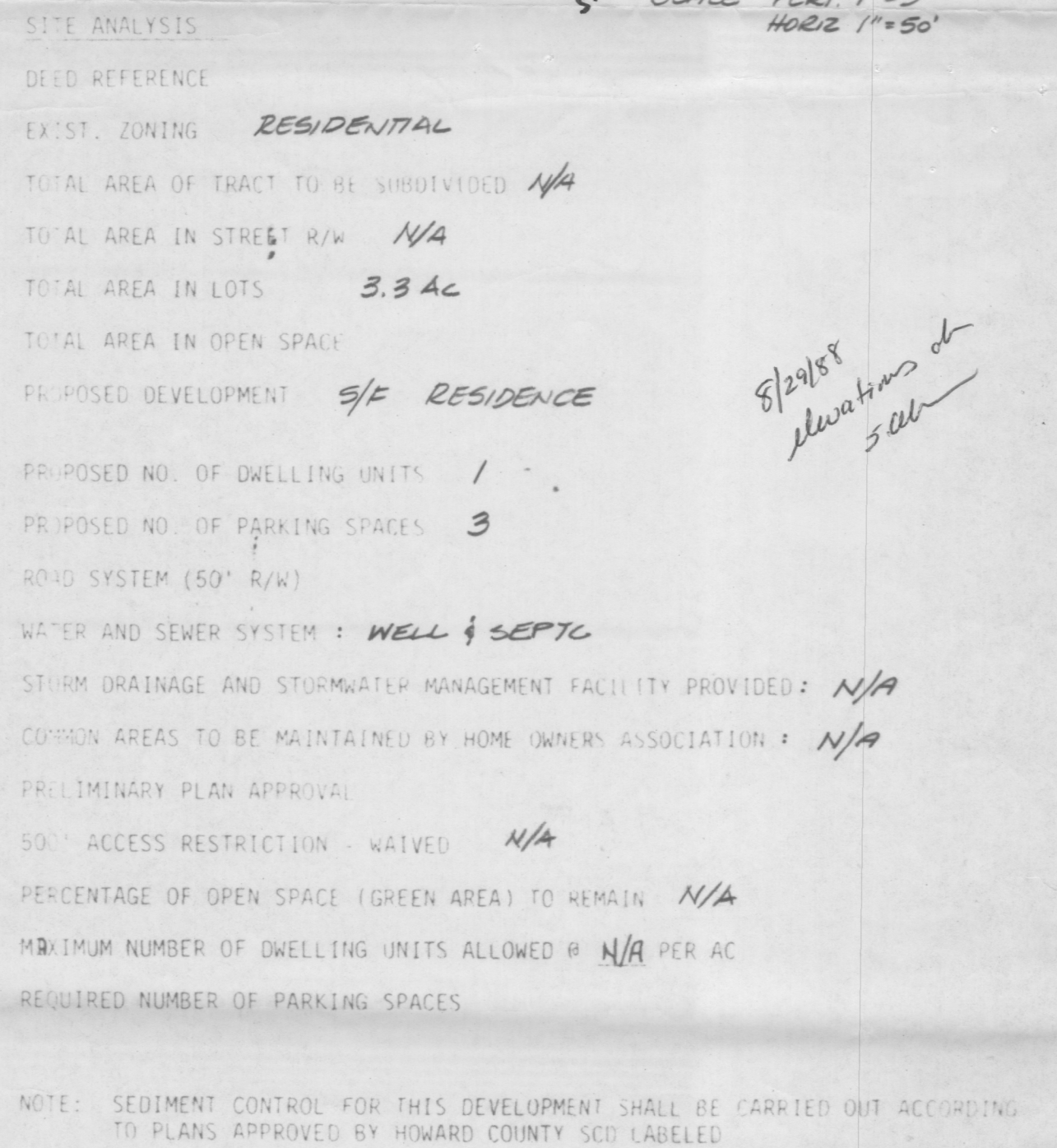
All information given above is true to the best of my knowledge.

Signature of Applicant: [Signature]

Date: Dec. 29, 88

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





APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM- DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  PLANNING DIRECTOR _____ DATE _____		APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF WATER AND SEWERAGE FOR HOWARD COUNTY.  COUNTY HEALTH OFFICER _____ DATE _____		THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  <i>[Signature]</i> 11 Aug. '88 Signature of Engineer Date		I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.  <i>[Signature]</i> 11 Aug. '88 Signature of Developer Date	
DIRECTOR _____ DATE _____  CHIEF, BUREAU OF ENGINEERING _____ DATE _____									

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802 Sligo Avenue  
Silver Spring, Md.  
20910  
(301) 585-5676

## SITE & GRADING PLAN

JES. \_\_\_\_\_  
ORN. \_\_\_\_\_  
CHK. \_\_\_\_\_  
DATE 8/17/88

PROPERTY OWNERS		SUBDIVISION NAME	
NEW CONCEPT HOMES 13203 BALTIMORE AVENUE LAUREL, MARYLAND TELE.:		<b>DAYTON MEADOWS</b> <b>5TH ELECTION DISTRICT</b> <b>HOWARD COUNTY, MD.</b>	

ADDRESS CHART	
LOT NO	STREET ADDRESS
4	4874 GREENBRIDGE RD.

SUBDIVISION NAME		SECT./AREA		LOT/PARCEL	
DAYTON MEADOWS		ONE		LOT 4	
PLAY # OR L.P. BLOCK #	ZONE	TAX/USE MAP	ELEC. DIST.	CENSUS TR.	
P		281	E 1/4		
WATER CODE		SEWER CODE			
WELL-		SEPTIC -			
SCALE : AS SHOWN				SHEET 1 OF 1	
DATE: AUG. 16, 1988					



# APPROVED

WALK-THRU BUILDING PERMIT

BP# 60016160 A# 26622

APP. SAN PA-1 DATE: 1-7-05

DESC. OF WORK: 5,000<sup>1</sup> Finish Basement

