

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT _____

A 47542

P 48153

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 5/27/92

DATE SYSTEM APPROVED 4/14/92

INSPECTOR C. Williams

Jack Fyock IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION _____ ROAD 2700 Turf Valley Road LOT _____

PROPERTY OWNER Turf Valley Hotel & Country Club

ADDRESS 2700 Turf Valley Road
Ellicott City, Maryland 21042

GOLF EQUIPMENT/RESTROOM FACILITY

960 sq. ft. total absorbant area required.

INSTALL:

- 1500 Gallon Septic Tank
- 240 Linear Feet of Trench
- Install Grease Trap

INSTALLED SYSTEM 5/8/92
SMALLER THAN SPECIFIED - SEE NOTES ON REVERSE.
NO GAS TRAP INSTALLED
SYSTEM SUFFICIENT FOR EQUIPMENT & RESTROOM,
MAY NOT SUFFICE FOR FOOD SERVICE, C.W.

TRENCHES - 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 - TO BE DETERMINED AT TIME OF BUILDING PERMIT ISSUANCES.

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

PLANS APPROVED BY Ronald J. Pinkley DATE 2/25/92

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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

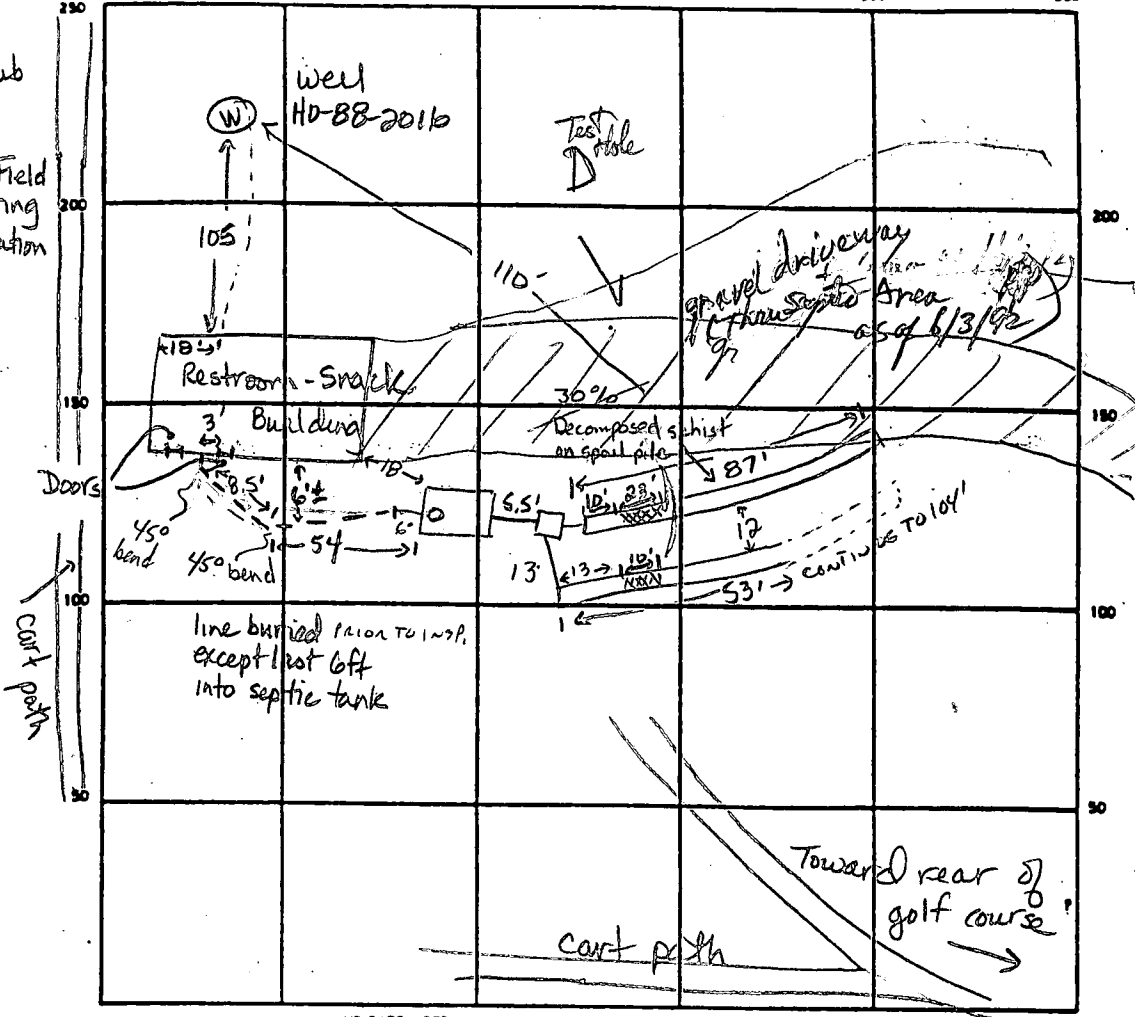
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

golf club sign - Par 4 Bendix Field Engineering Corporation



104
+ 87
= 191
x 3.5
955
573
668.5

No grease trap installed.

SEPTIC TANK LEVEL 1000 gal ST

CLEANOUTS 1 on septic tank

DISTRIBUTION BOX LEVEL ok (w/baffle)

DRAIN FIELD TILE FIELD. DEPTH 7.5 to 8 FT TRENCH WIDTH 2 FT INLET DEPTH 4.5 FT

EFFECTIVE GRAVEL DEPTH 4 FT TOTAL LENGTH 191 (87 + 104) FT

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 76.4 SQ FT.

DRYWELL INSIDE DIAMETER _____ FT EFFECTIVE DEPTH BELOW INLET _____ FT

ABSORBENT AREA _____ SQ FT.

REMARKS 4-13-92 system sized for 700 sq ft of area. small zones of decomposed schist in both trenches. Contractor indicated at 9 feet he was back into coarse soil. Slight structure in trench #2. Finish stone in trench #1. Excavate trench #2 to 105 ft. JEN

4/14/92 SYSTEM REPORTED COMPLETE. CW.

6/3/92 Note addition of a gravel driveway thru Septic Area (and over Trenches?) as of 6/3/92

DATE SYSTEM APPROVED 4/14/92 INSPECTOR CW

APPLICATION

PERCOLATION TESTING

A 47542

P _____

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

DESIGN GUIDELINES
MAXIMUM POTENTIAL
TURNSTILE COUNT

DISTRICT _____

DATE _____

160 PEOPLE
x 8 G.P.D (5 GAL + 3 GAL per meal)
1280 G. DESIGN FLOW.
C.W.

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 Turf Valley Hotel & Country Club 232-9888 Kepler #

ADDRESS 2760 Turf Valley Road PHONE 301-465-1500
ELLICOTT CITY, MD

PROSPECTIVE BUYER _____
ADDRESS AGENT: JOHN HOOK PHONE _____

PROPERTY LOCATION:
SUBDIVISION Turf Valley Golf Course Property LOT NO. _____
ROAD AND DESCRIPTION #4 EAST TEE WILL BE LOCATION

TAX MAP _____ PARCEL # _____
SIZE OF LOT 12 x 16 TYPE BLDG. SNACK BAR & 1 Restroom
COMMERCIAL
(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.

John Hook
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BP 415 99
516260 3/24/62
MAINTENANCE SHOP/RESTROOMS
(SNACK BAR PROPOSED - WITHDRAWN)

THIS IS NOT A PERMIT

HD-216

SITE INSPECTION SHEET

OWNER: Turf Valley Country Club

DATE REQUESTED: 12/11/91

PHONE #: Contact John Hock 232-9888 or 465-8261

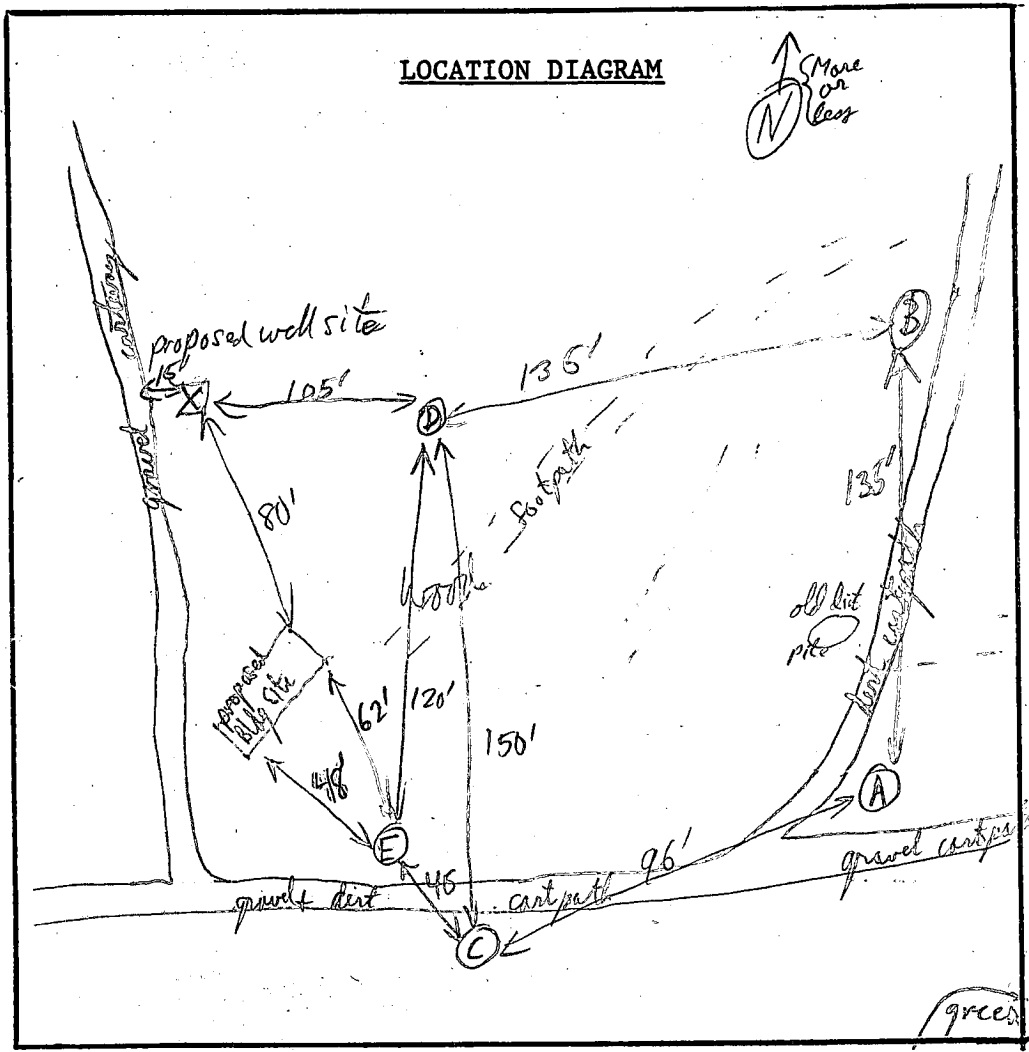
CONTRACTOR: George Easterday

ADDRESS: 2700 Turf Valley Rd

WELL TAG #: HO-88-2016

COUNTY #: A47542

PROPOSAL: For a snack bar on back lot of Golf course (near #4 Tee East)



COMMENTS: Brush Cleared - able to see + pace off all site distances without obstructions during original testing on 10/18/91

DATE: 12-20-91

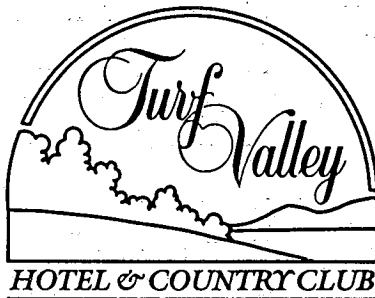
INSPECTOR: Ronald P. Kelly

CRAIG WILLIAMS.
STATE HEALTH DEPT.

SEPTIC SPECIFICATIONS

ELEVATIONS

- 457. F.F. STORAGE STRUCTURE
- 455. SEWER INVERT
- 454. TANK INLET
- 453.7 TANK OUTLET
- 456. EXISTING GRADE AT TANK
- 457. EXISTING GRADE AT DISPOSAL FIELD
- 453 INVERT AT DISPOSAL FIELD
- 463. WELL ELEVATION



November 25, 1991

Mr. Craig Williams
Howard County
Bureau of Environmental Health
3525 H Ellicott Mills Drive
Ellicott City, Maryland 21043

REFERENCE: GOLF EQUIPMENT/RESTROOMS FACILITY

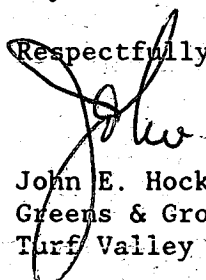
Dear Mr. Williams:

Please be advised that we are requesting a septic system permit. Our pert test has passed, and we are ready to proceed.

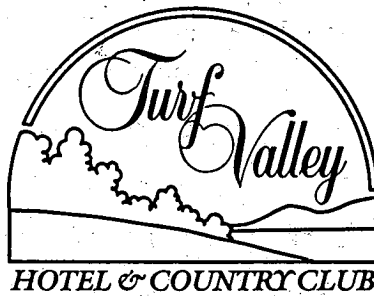
The most golfers we can have on our course in one day is when we have an outing. The number of golfers is 4 x 18, totalling 72 people. With a facility already at holes 7 and 18, we feel half of these golfers, or 36 people, would use this facility. At the most, 2 employees would use this facility in a day.

No one would use our facility between Thanksgiving to Memorial Day.

Respectfully submitted,


John E. Hock
Greens & Grounds Director
Turf Valley Hotel & Country Club

JEH/acc



October 8, 1991

Howard County Health Department
3430 Court House Drive
Ellicott City, MD 21043

ATTENTION: Craig Williams

Re: Turf Valley Golf Course
Snack Shack

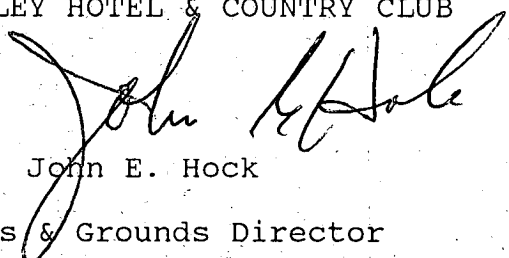
Dear Mr. Williams:

We are writing this letter to you to notify you that we would like to construct a small snack shack for our customers on our golf course. Please find enclosed a plat plan which depicts where the shack will be built. As you can observe, the public water and sewerage is more than 2,000 ft. away from the building, therefore, we need to dig a well and put in a septic system. The well will supply water for the snack shack as well as drinking water for our customers. The sewerage system will supply the two (2) toilets which will be installed.

Hopefully, we can receive the permits for the above expediently. Awaiting your reply,

Respectfully,

TURF VALLEY HOTEL & COUNTRY CLUB


John E. Hock

Greens & Grounds Director

JEH/mrp

cc: Louis Mangione

B 1 5256

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

MD-88-2016

fill in this form completely

Date Received (APA)

OWNER INFORMATION

TURF VALLEY CTR CLUB
2700 TURF VALLEY RD
ELK COTT CITY MD 21043

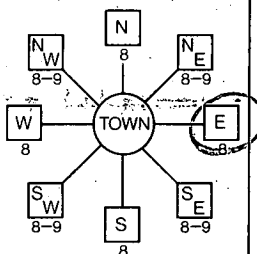
B 3

LOCATION OF WELL

HOWARD
WEST FRIENDSHIP
MILES FROM TOWN 3 MI

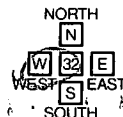
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



TURF VALLEY RD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



1000 DISTANCE FROM ROAD

ENTER FT or MI FT

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 10
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 1000

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 A47542 COUNTY NO.
STATE SIGNATURE DATE ISSUED 122491
NORTH GRID 533000 EAST GRID 0835000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- Bored (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-Percussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY Drive-POINT

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 deepen an existing well

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

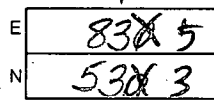
APPROX. PERMIT NUMBER MD58GLA-P006
FORCE RP PERMIT No. MD-88-2016

SPECIAL CONDITIONS

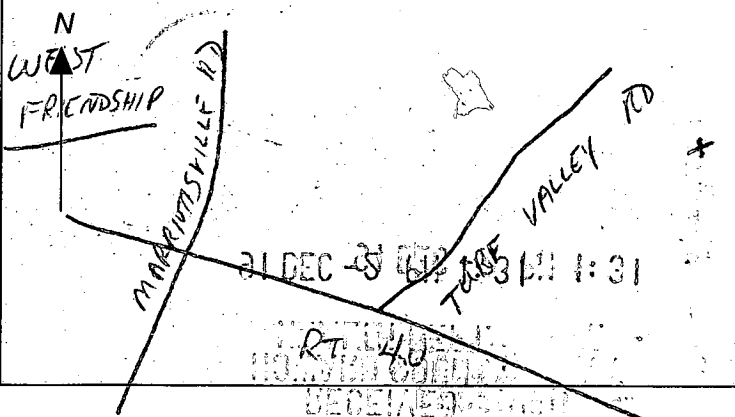
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
1.
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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



DRILLER

C1 4677 SEQUENCE NO. (DENV USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 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 A 47542

ST7 CO USE ONLY
 DATE Received [] [] [] [] [] []
 DATE WELL COMPLETED 020692

Depth of Well 160
 (TO NEAREST FOOT)
 16063 OK 4/192 CW

PERMIT NO. FROM "PERMIT TO DRILL WELL"
 H1-88-2016

OWNER Turf Valley Country Club
 STREET OR RFD last name Turf Valley Rd first name TOWN Elkton City
 SUBDIVISION NA SECTION LOT

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	
Topsoil	0	1	
Yellowish Sandstone	1	28	
Tau Sandstone	28	31	
Granite	31	44	
Br. Sandstone	44	45	✓
Granite	45	48	
Br. Sandstone	48	51	✓
Tau Sandstone	51	55	
Granite	55	88	
Br. Sandstone	88	92	✓
Granite	92	112	
Flint	110	112	
Granite	112	160	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES [Y] NO [N]
 TYPE OF GROUTING MATERIAL CEMENT [CM] BENTONITE CLAY [BC]
 NO. OF BAGS 10 NO. OF POUNDS 100
 GALLONS OF WATER 50
 DEPTH OF GROUT SEAL: (to nearest foot) from 0 ft. to 33 ft.

CASING RECORD
 casing types insert appropriate code below
 [ST] [CO] STEEL CONCRETE
 [PL] [OT] PLASTIC OTHER
 MAIN CASING TYPE [ST] Nominal diameter top (main) casing (nearest inch) [1 1/2] Total depth of main casing (nearest foot) [35]

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
 [ST] [BR] [HO] STEEL BRASS OPEN HOLE
 [PL] [OT] PLASTIC OTHER

DEPTH (nearest ft.)
 [HO] [33] [160]
 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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) [] W Q [] [] []
 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
 HOURS PUMPED (nearest hour) [3]
 PUMPING RATE (gal. per min. to nearest gal.) [20]
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface) BEFORE PUMPING [50] WHEN PUMPING [160]
 TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other (describe below) [J] jet [S] submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES [NO]
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: []
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) [] [] [] []
 PUMP HORSE POWER [] [] [] []
 PUMP COLUMN LENGTH (nearest ft.) [] [] [] []
 CASING HEIGHT (circle appropriate box and enter casing height) [] above [] below LAND SURFACE [] (nearest foot)

LOCATION OF WELL ON LOT
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

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 28.04.04 "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 IDENT. NO. []
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) []
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) []

4-14-92
4-15-92

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 # 47947
Date 3-26-92
Name of Installer LENNON Plumbing Telephone 781 6405
License Number 7611
Certified Well Pump Installer Well Driller Registered Plumber
Name of Property Owner TURF VALLEY C.C. Telephone 465-1500
Subdivision TURF VALLEY Lot # Well Tag # HO-88-2016
Site Address 270 TURF VALLEY RD ELLICOTT CITY 21042
MAINTENANCE SHOP ON GOLF COURSE

Pump Motor Pitless Adapter
1. Type a. Deep well jet b. Shallow well jet c. Submersible
2. Make Hydro Flow
3. Model #
4. Capacity 3 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
1. Horsepower 1/2
2. RPM
3. Voltage
a. 110
b. 220 X
1. Make HARVARD
2. Model #
3. Depth 4'

Tank Piping Well data
1. Capacity WR60
2. Pressure relief valve? 75/65
1. Type DRANGE BORG
2. Size 1"
3. NSF and/or BOCA Code approved
4. Depth of supply line 4'
1. Depth 160 ft.
2. Yield 20 GPM
3. Static water level 50 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: Paul E Lennon
Date: 3/26/92

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

4-15-92 Unable to inspect.

5-1-92 Paul Lennon of Lennon Plumbing called. Pittless adaptor at 4 feet below grade, sealed and tared around PVC sleeve through foundation wall. Pump tank in place with check valve. I told him he could cover the line. JENadeau

6/20/82
42418

03-297764

PERMIT

P 31947
A Repair

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 2nd

DATE 5/25/82

THIS SYSTEM CONNECTED TO PUBLIC SEWER
CIRCA 1986
NEW SYSTEM (A47542) INSTALLED
1992 TO SERVE OUTLINE
RESTROOM/SNACK BAR
REMOTE FROM THIS LOCATION
C. Wellen

INDEX

Ken Allen

IS PERMITTED TO INSTALL ALTER

ADDRESS 2700 Torf Valley Rd. PHONE 465-1500

SUBDIVISION ROAD 2700 Torf Valley Rd. LOT

PROPERTY OWNER T.V.C.C. Mangione Enterprises

ADDRESS

SPECIFICATIONS

- SEPTIC TANK CAPACITY _____ GALLONS
- DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.
- DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.
- SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.
- INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE
- EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.
- LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

3 each 100 ft long trenches - 8 ft. of gravel below distribution pipe 75

PLANS APPROVED BY _____ DATE _____

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

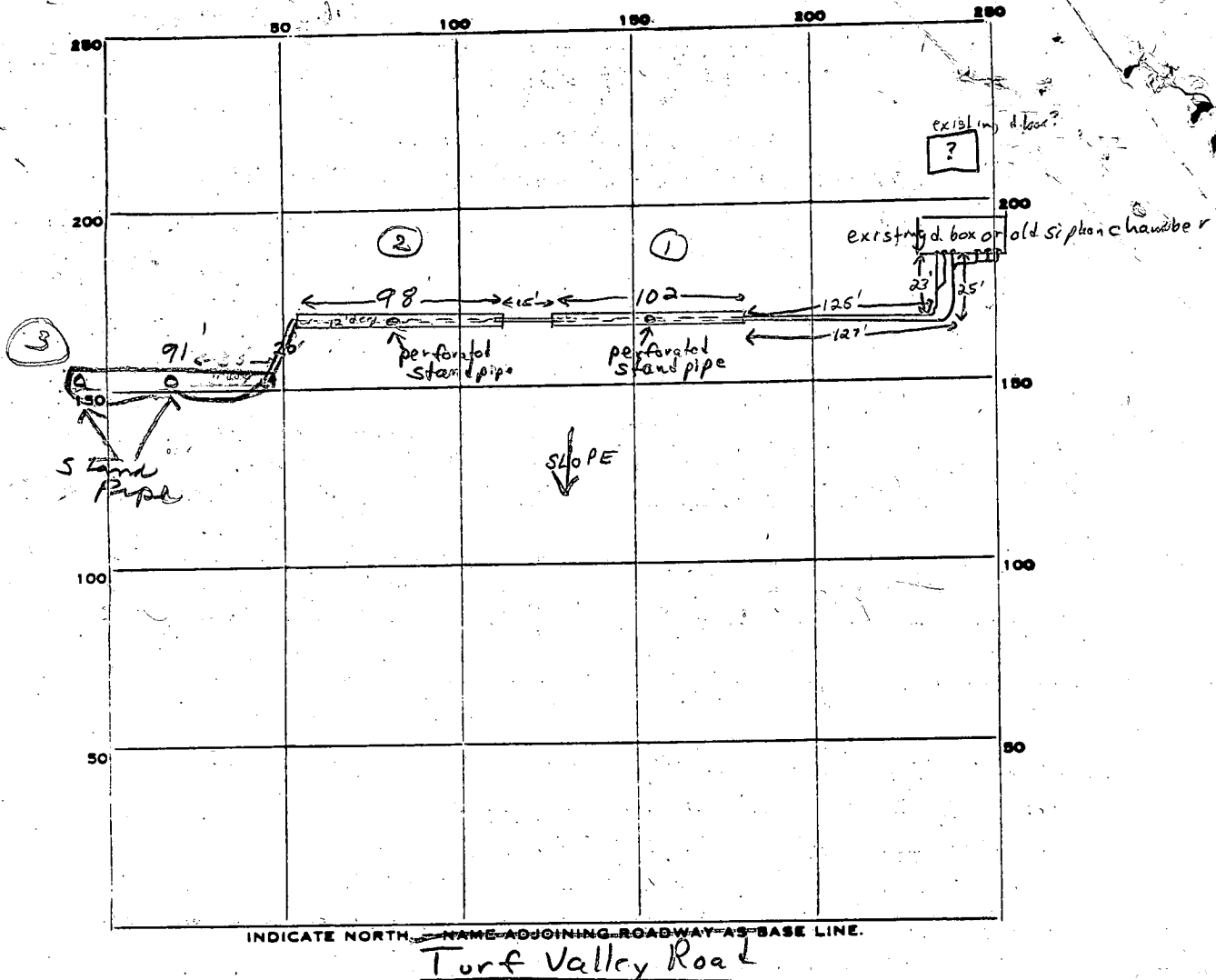
PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

Gulf Coast Storage & Pro Shop, BP# 54946
BLDG. PERMIT SIGNED
AND RETURNED 9-17-84

A
P
31947



INDICATE NORTH _____ NAME ADJOINING ROADWAY AS BASE LINE.
Turf Valley Road

PERMIT CARD _____

SEPTIC TANK, LEVEL existing CLEANOUTS _____

DISTRIBUTION BOX, LEVEL existing

TILE FIELD, DEPTH 11-12 FT. TRENCH WIDTH 2-4 FT. Trench (3)
5' wide

GRAVEL DEPTH 8 FT. TOTAL LENGTH 300 FT.

NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 2400

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

102
 98
 91
 291

ABSORBENT AREA 2400 SQ. FT.

REMARKS 6/28/82 Twin plastic pipe to be used throughout system, perforated stand pipe for observation & inspection to be installed in middle of trenches O.K. to use 3 each 100' long trenches & Env. Health will monitor 6/29/82 MOST OF STONE ADDED TO 33' LENGTH OF DITCH. DIG OUT REST OF DITCH & CALL RH & SCW 6/30/82 OK to cover all work.

DATE SYSTEM APPROVED 6/30/82 INSPECTOR Frank Skinner

5/26/82
130
6/7/82
Anytime

Sheet 1 of 2
P 31947

PERMIT

A REPAIR

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

~~6/2/82~~
~~2:00 p.m.~~
6/28/82

DISTRICT _____

DATE 5/25/82

Kenny Allen

Mr. Bill Blackert

IS PERMITTED TO INSTALL _____ ALTER

ADDRESS 2700 Turf Valley Rd, E.C., Md. PHONE 465-1500

SUBDIVISION _____ ROAD 2700 Turf Valley Rd. LOT _____

PROPERTY OWNER Turf Valley Country Club

ADDRESS Same as above

SPECIFICATIONS

SEPTIC TANK CAPACITY _____ GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

~~REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED UP SO SANITARIAN CAN RECOMMEND REPAIR.~~

PLANS APPROVED BY Palmer F. Wine DATE 5/25/82

COVER NO WORK UNTIL INSPECTED AND APPROVED.

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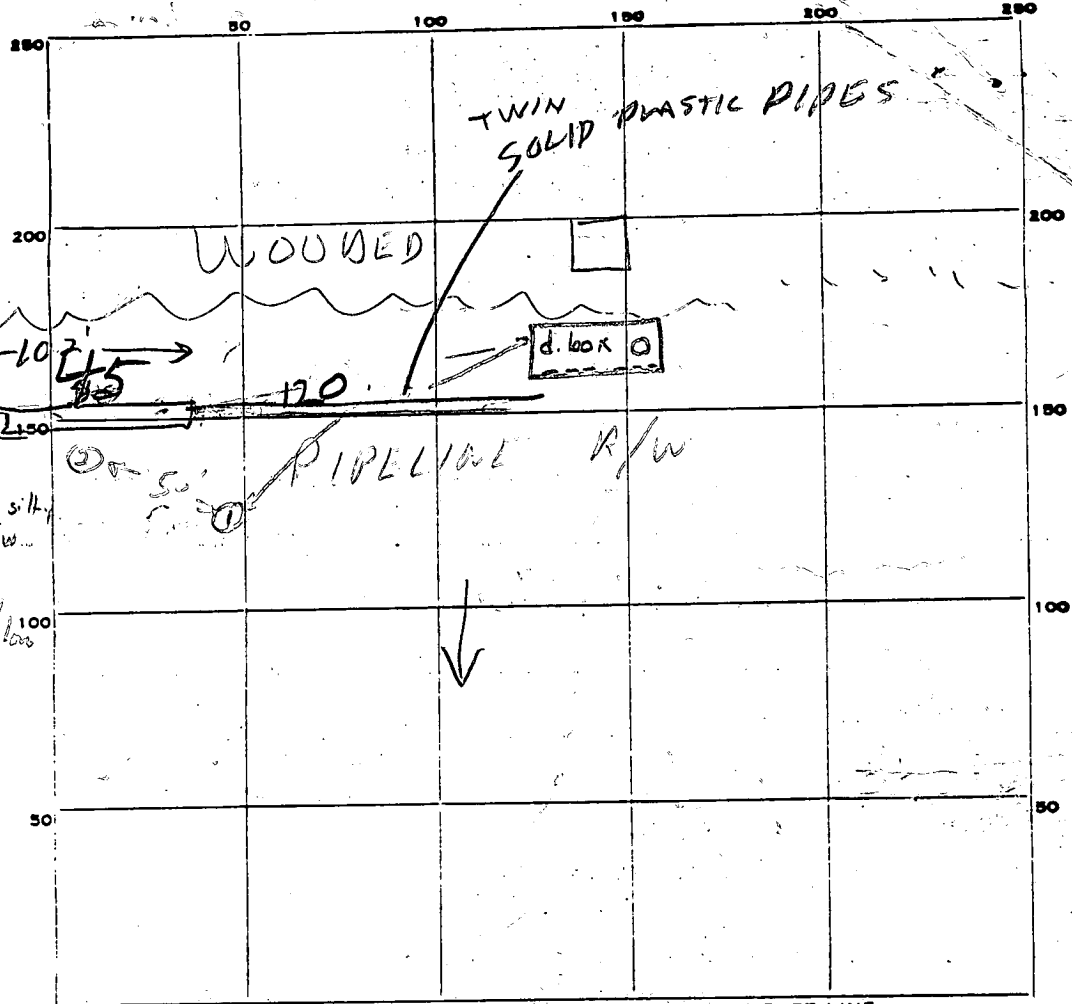
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*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.
Turf Valley Rd

PERMIT CARD _____

SEPTIC TANK, LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 4.5 FT. TRENCH WIDTH 4 FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 6/2/82 Reconned 4 each 100' long 2' wide 11' deep F.S. FF SAID 8 FT
OF STONE 6/25/82 PART OF DITCH #1 DOG & STONE AREA
 DITCH IS NOW 10 FT DEEP 4 FT WIDE 30 FT LONG 8 FT STONE DITCH
 CAVES IN. 6/25/82 3:45 PM DITCH LENGTHENED TO 45 FT WITH 2 PIPES
 RUNNING THRU DITCH

DATE SYSTEM APPROVED 6/2/82 INSPECTOR _____

9/21/59 ch. out 1/11/60

11/20/59 app. file
P 01706
A 00959

PERMIT

Mr. Riddle

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

INDEXED

ELLICOTT CITY

DISTRICT 2

DATE 9/21/59

Leroy Nicholson IS PERMITTED TO INSTALL ALTER
ADDRESS _____ PHONE Longwood

A SEWAGE DISPOSAL SYSTEM LOCATED AT Surf Valley Country Club

SUBDIVISION _____ ROAD _____ LOT _____
PROPERTY OWNER Surf Valley Country Club - Samuel Pistorio
ADDRESS _____

SPECIFICATIONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 18,000 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER Mr. Nicholson will furnish a complete design of water + sewage leaching bed - 12,000 sq. ft. divided into 8 leaching beds 15' x 100'

2000 grease trap - 1000 grease trap - 2000 gallon pumping system - 2000 sulphur-dosing system

PLANS APPROVED BY Palmer J. Wine DATE 9/14/59

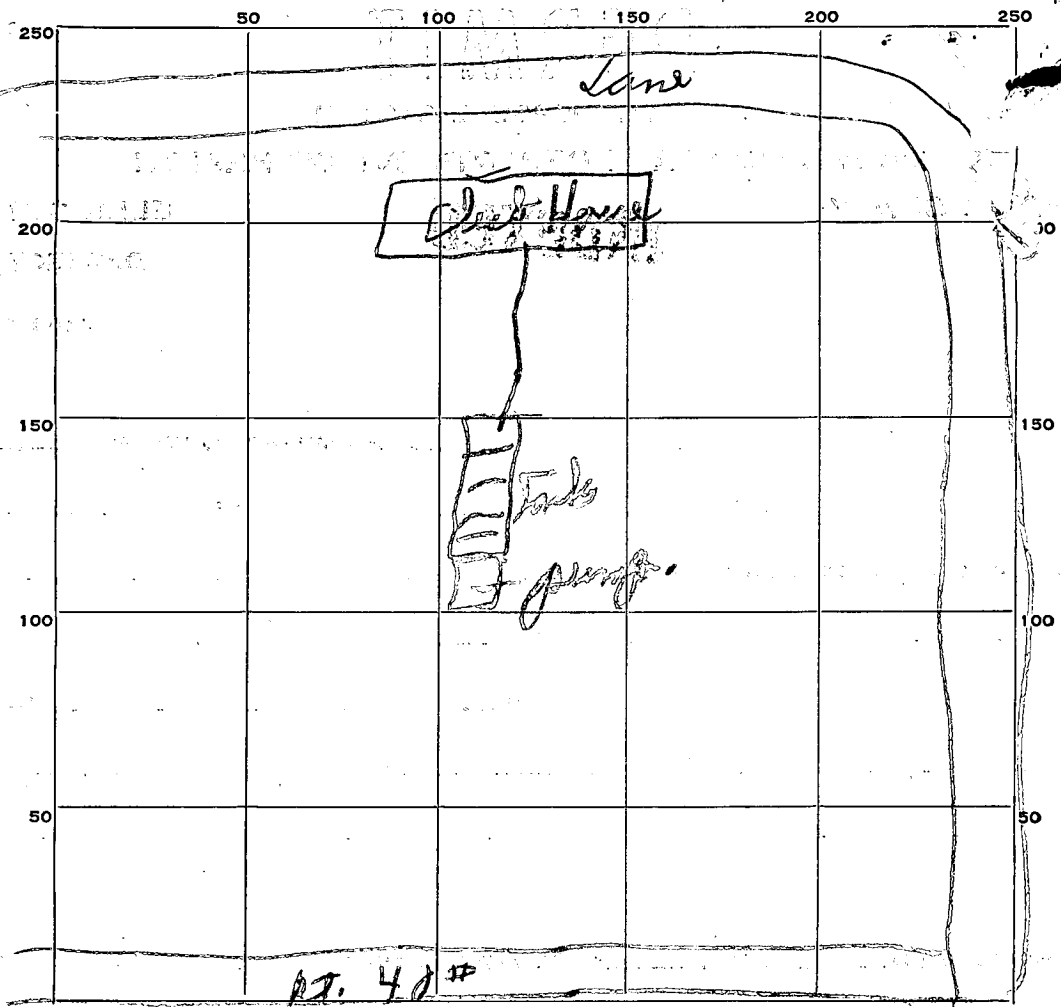
FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

1/11/60 - app. 4 - 15 x 100 leaching beds

65600
00959

15
 100
 1,500
 4
 6,000



PERMIT CARD

9/21/59 - 0.15
 SEPTIC TANK, LEVEL 18,000 gal

CLEANOUTS

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS _____

4 - 15' X 100' leaching beds. (see plan)

DATE SYSTEM APPROVED

1/11/60

INSPECTOR

P.W.

May 14 11:00

APPLICATION

A 00959
P 01706

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 2

DATE 5-12-59

Mr. Wine:

Note from Mr. Nicholson:

Mr. Rosetta or Clarence will provide water and have been tested. You are to check. Mr. Nicholson will furnish a complete design of water & sewage.

Do not give approval until plans are approved. DW: SWS

use 10 min. average

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Samuel Pistorio
Turf Valley Country Club

ADDRESS Frederick Ave/ - Balto. PHONE Ri. 7-9630
Symington Ave.

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION Turf Valley Country Club - U.S. 40 - 6 miles N. St. John's Lane

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 300 TYPE BLDG. Club house
NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT *Samuel Pistorio*

APPROVED BY *P. W.* FOR leaching bed DATE 5/14/59
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5/14/59 Hold until plans are approved - Howard only
approved now 5/14/59

ADD 959

THIS IS NOT A PERMIT



RECEIVED
HOWARD COUNTY
HEALTH DEPT
ELLICOTT CITY, MD

THOMAS C. ANDREWS
DIRECTOR

APR 4 9 45 AM '83

STATE OF MARYLAND
DEPARTMENT OF NATURAL RESOURCES
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BUILDING
ANNAPOLIS, MARYLAND 21401-9974

March 28, 1983

CERTIFIED MAIL
Return Receipt Requested

Turf Valley Country Club
2700 Turf Valley Road
Ellicott City, MD 21043

ATTN: William J. Blackert, Jr.

RE: State Water Appropriation
Permit No. H058GAP006

Dear Sir:

Enclosed is your State Water Appropriation Permit. The permittee is responsible for complying with all permit conditions. Accordingly, you are advised to carefully read the Permit and become thoroughly familiar with its requirements.

If you find the Permit unacceptable, you may appeal within 30 days of the effective date, pursuant to the provisions of Title 1 of the Natural Resources Article, Annotated Code of Maryland (1974 Volume) as amended. The appeal must be in writing and must specify the basis of the request for review.

Also, enclosed are Semi-annual Water Withdrawal Report Forms which are to be filled out and submitted according to the requirements of your Permit. In the future, additional forms will be supplied upon request.

If you have any questions, please contact this office at 269-3675.

Sincerely,

Josephine R. Herring
Josephine R. Herring
Water Supply Permits

JRH:sao
Enclosure

cc: Howard County Health Department, Environmental Health Services

TTY for Deaf - Baltimore 269-2609, Washington Metro 565-0450

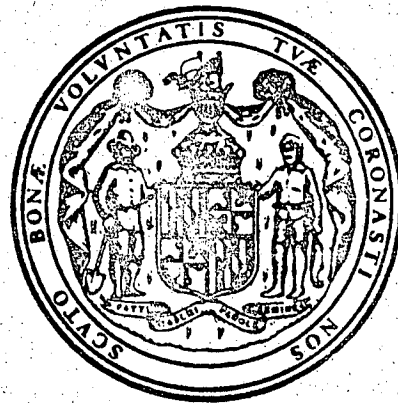
STATE OF MARYLAND
DEPARTMENT OF NATURAL RESOURCES
WATER RESOURCES ADMINISTRATION
WATER APPROPRIATION AND USE PERMIT

PERMIT NUMBER: H058GAP006

EFFECTIVE DATE: APRIL 1, 1983

EXPIRATION DATE: APRIL 1, 1993

FIRST APPROPRIATION: OCTOBER 30, 1958



TURF VALLEY COUNTRY CLUB

HEREINAFTER REFERRED TO AS THE "PERMITTEE", IS AUTHORIZED BY THE WATER RESOURCES ADMINISTRATION, HEREINAFTER REFERRED TO AS THE "ADMINISTRATION", PURSUANT TO THE PROVISIONS OF TITLE 8 OF THE NATURAL RESOURCES ARTICLE, ANNOTATED CODE OF MARYLAND (1974 VOLUME) AS AMENDED, TO APPROPRIATE AND USE WATERS OF THE STATE SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALLOCATION - THE WATER WITHDRAWAL GRANTED BY THIS PERMIT IS LIMITED TO THE FOLLOWING QUANTITIES:
 - A. YEARLY AVERAGE: 75,000 GALLONS PER DAY.
 - B. (1) AVERAGE FOR MONTH OF MAXIMUM USE: 100,000 GALLONS PER DAY.
(2) MAXIMUM DAILY WITHDRAWAL: N/A GALLONS PER DAY.
2. USE - THE WATER IS TO BE USED FOR COOLING, SANITARY FACILITIES, AND A POTABLE SUPPLY
3. SOURCE - THE WATER SHALL BE WITHDRAWN FROM SEVEN WELLS IN THE WISSAHICKON FORMATION (LOWER PELITIC SCHIST)
4. LOCATION - THE POINT(S) OF WITHDRAWAL SHALL BE LOCATED AT TURF VALLEY ROAD, APPROXIMATELY 3-1/2 MILES WEST OF ELLICOTT CITY, HOWARD COUNTY, MARYLAND

CONTINUED ON PAGE TWO

5. RIGHT OF ENTRY - THE PERMITTEE SHALL ALLOW AUTHORIZED REPRESENTATIVES OF THE ADMINISTRATION ENTRY INTO THE PERMITTEE'S FACILITIES TO CONDUCT INSPECTIONS AND EVALUATIONS NECESSARY TO ASSURE COMPLIANCE WITH THE TERMS AND CONDITIONS OF THIS PERMIT. THE PERMITTEE SHALL PROVIDE SUCH ASSISTANCE AS MAY BE NECESSARY TO EFFECTIVELY AND SAFELY CONDUCT SUCH INSPECTIONS AND EVALUATIONS.
6. PERMIT RENEWAL - IN ORDER TO RECEIVE AUTHORIZATION TO CONTINUE OPERATION BEYOND THE EXPIRATION DATE, THE PERMITTEE SHALL REQUEST AN EXTENSION OF THE PERMIT IN WRITING TO THE ADMINISTRATION NO LATER THAN SIX MONTHS PRIOR TO THE EXPIRATION DATE.
7. PERMIT SUSPENSION OR REVOCATION - THIS PERMIT MAY BE SUSPENDED OR REVOKED BY THE ADMINISTRATION IN THE EVENT OF A VIOLATION OF THE TERMS OR CONDITIONS OF THE PERMIT OR REGULATIONS PROMULGATED PURSUANT TO TITLE 8 OF THE NATURAL RESOURCES ARTICLE, ANNOTATED CODE OF MARYLAND (1974 VOLUME) AS AMENDED.
8. CHANGE OF OPERATIONS - ANY ANTICIPATED FACILITY WHICH MAY RESULT IN A NEW OR DIFFERENT USE OR A CHANGE IN APPROPRIATION OF WATER SHALL BE REPORTED TO THE ADMINISTRATION BY THE PERMITTEE BY SUBMISSION OF A NEW APPLICATION OR BY WRITTEN NOTICE.
9. TRANSFER OF PERMIT - THIS PERMIT MAY BE TRANSFERRED PROVIDED THAT PRIOR TO ANY SUCH TRANSFER, (a) THE PERMITTEE NOTIFIES THE ADMINISTRATION OF THE NAME AND ADDRESS OF THE TRANSFEREE, AND (b) THE TRANSFEREE NOTIFIES THE ADMINISTRATION IN WRITING OF TRANSFEREE'S AGREEMENT TO BE BOUND BY ALL OF THE TERMS AND CONDITIONS OF THE PERMIT.
10. INITIATION OF WITHDRAWAL - THE PERMIT SHALL EXPIRE IF THE PRIVILEGE GRANTED IS NOT EXERCISED WITHIN TWO (2) YEARS FROM THE DATE HEREOF, EXCEPT THAT UPON WRITTEN REQUEST BY THE PERMITTEE PRIOR TO THE EXPIRATION DATE, THIS TIME LIMIT MAY BE EXTENDED FOR GOOD CAUSE AT THE DISCRETION OF THE ADMINISTRATION.
11. FLOW MEASUREMENT - THE PERMITTEE SHALL INSTALL AN ADMINISTRATION APPROVED FLOW METER THAT WILL BE CAPABLE OF MEASURING ALL WATER PUMPED.
12. WITHDRAWAL REPORTS - THE PERMITTEE SHALL SUBMIT TO THE ADMINISTRATION, SEMI-ANNUALLY (JULY-DECEMBER, NO LATER THAN JANUARY 31 & JANUARY-JUNE, NO LATER THAN JULY 31), PUMPING RECORDS. THESE RECORDS SHALL SHOW THE TOTAL QUANTITY OF WATER PUMPED EACH MONTH.


13. WELL CONSTRUCTION REQUIREMENTS - WELLS SHALL HAVE:

- A.) PROVISIONS FOR TAPE MEASUREMENTS OF WATER LEVELS DURING PUMPING AND NON-PUMPING PERIODS. OPENINGS FOR TAPE MEASUREMENTS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 0.5 INCHES AND BE SEALED BY A REMOVABLE CAP OR PLUG.
- B.) A TAP, FOR TAKING RAW WATER SAMPLES BEFORE THE WATER ENTERS A TREATMENT FACILITY, PRESSURE TANK, OR STORAGE TANK.

14. PERMIT SUPERSESSION - THIS PERMIT HAS BEEN REVIEWED AND REVISED AND SUPERSEDES THE APPROPRIATION AND USE GRANTED BY THE FOLLOWING PRIOR PERMIT ISSUED TO:

TURF VALLEY COUNTRY CLUB ON APRIL 2, 1973
TURF VALLEY COUNTRY CLUB ON APRIL 1, 1966 (BA66GAP021)
TURF VALLEY COUNTRY CLUB ON AUGUST 28, 1964 (H065GAP005)
MR. AND MRS. SAMUEL PISTORIO (TURF VALLEY GOLF AND COUNTRY CLUB) ON OCTOBER 30, 1958

BY AUTHORITY OF THOMAS C. ANDREWS
DIRECTOR, WATER RESOURCES ADMINISTRATION



CATHERINE B. PIEPER, CHIEF *WCK*
WATER SUPPLY DIVISION

