

4/5/96
PM
4/10/96
2:00 do

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-376724

P 56544

A 18865

DISTRICT 5th

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

DATE 4-8-96

DATE SYSTEM APPROVED 4/10/96

INSPECTOR M. R. Robin

INDEXED

William H. Smith, Jr., Septic, Water, & Pump System IS PERMITTED TO INSTALL X ALTER

ADDRESS P.O. Box 330, Forest Hill, MD 21050 PHONE 419-879-7641

SUBDIVISION Green Hill Manor LOT 11-E ROAD 13401 Green Hill Court

PROPERTY OWNER Edward R. Walenta

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS *1000 gallon pump chamber required at time of initial system installation.*

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at 6 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Initial system to be gravity, repairs to be pumped. Place the distribution box 143' to the left of the right front lot corner and 75' from the front lot line as seen from Green Hill Court.

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

OIG 12/13/95 LRS

PLANS APPROVED BY Glen Savage DATE 11/21/95

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

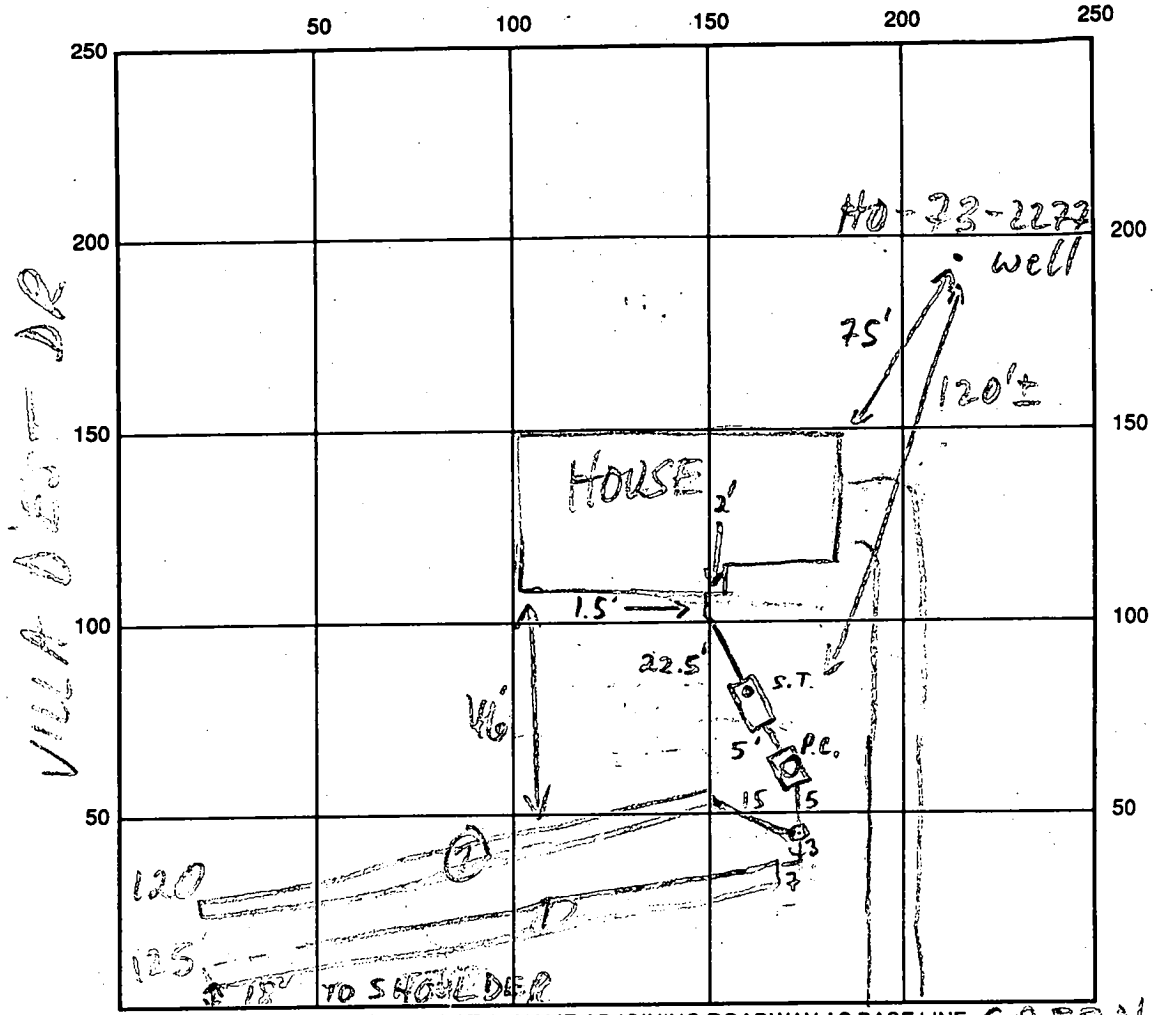
PERMIT VOID AFTER TWO YEARS

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**

A 56544
A-18865



VILLA DEER DR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE GREEN HILL CT

1000 GAL PUMP CH. - OK
 SEPTIC TANK LEVEL 1250 GAL - OK CLEANOUTS PUMP CH., M.H., S.T. - OK
 DISTRIBUTION BOX LEVEL OR BAFPLE IN
 DRAIN FIELD/TITLE DEPTH 1 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 1/2 FT.
 EFFECTIVE GRAVEL DEPTH 2 1/2 FT. TOTAL LENGTH ① 125 ② 120 FT.
 NUMBER OF TRENCHES 2 ONE SIDE WALL/BOTTOM AREA ① 375 ② 360 SQ. FT.
 DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
 ABSORBENT AREA 735 SQ. FT.

REMARKS: 4/8/96 OK TO COVER TANKS - CONTINUE MR
4/10/96 TRENCH ① AND POSSIBLY TRENCH ② HAS 2'± FILL
OVER TOP. SAN AGREED TO ACCEPT DUE TO LIMITED LOT AREA;
DATA ABOVE REFER TO EX. GR.; OK TO COVER (PUMP CH. FOR
FUTURE USE) MR
4/8/96 WELL LINE OK - 3 1/2 - 4' BELOW FIN. GRADE MR
 DATE SYSTEM APPROVED 4/10/96 INSPECTOR M. K. Arkin

PRELIMINARY

APPLICATION

A 18865

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5TH

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 468-8000, EXT. 356

DATE 8/7/73

The D.W. will be located 20' from Cortina Dr. and 50' from the 202' prop line. The inw will be @ 4' below O.G. and a max depth of 11'. The next sidewalk area will begin @ 5'. The D.W. will be dug 12' x 12' square for a next sidewalk area of 288 sq. ft. The trench will begin 5' from the edge of the D.W. & follow the contour of the land. The trench will be 2' wide, 10' deep, (3) 30 ft long and contain 7' of stone

*S.T.
1000 (3)
1250 (4)*

2 inwp R. Mr

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 V. L. Vinella

ADDRESS 12631 Circle Drive, Glen Hills, Rockville, Md. PHONE 762-3007

PROPERTY LOCATION:

SUBDIVISION Green Hill Manor LOT NO. 11, Blk. E, Sec. 3

ROAD AND DESCRIPTION Villad'est Drive and Cortina Drive

SIZE OF LOT 44,945 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/ V. L. Vinella

APPROVED BY *R. Moorhead* FOR *D.W. & Trench* DATE *2/27/76*
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

S.F.D L Brone
BLDG. PERMIT SIGNED
DATE RETURNED 11-20-95
Serial # 62586

THIS IS NOT A PERMIT

DATE
TIME

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

PRELIMINARY

APPLICATION

A 18865

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: 465-8000, EXT. 356

DISTRICT 8TH

DATE 8/7/73

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

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

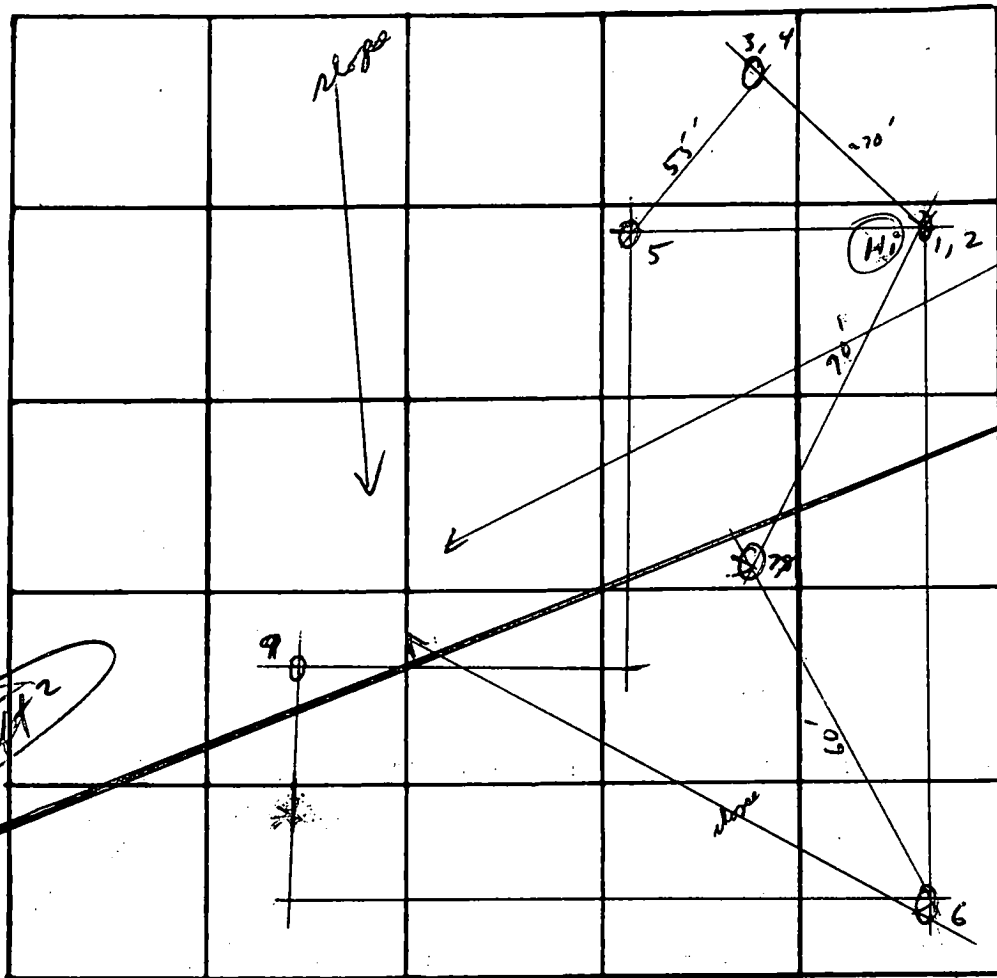
THIS IS NOT A PERMIT

$$\frac{22}{87.5} \times 50 = 12.5$$

$$\frac{150}{215000} \times 100 = 0.0698$$

$$\frac{2500}{4325} = 0.578$$

$$\frac{12875}{12875} = 1$$



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Villa D'Est Dr.

Inlet @
 4 feet;
 sidewalk
 area to begin
 at 5 feet
 if # 1, 2 used,
 or at 6 feet
 if # 3, 4 used
 Recommend
 use of # 3, 4
 first.
 L₀ →

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/11	1	5	10 ³⁸	10 ⁴⁰	10 ⁴⁰	10 ⁴²	2
	2	11	10 ³⁸	10 ⁴⁰	10 ⁴⁰	10 ⁵²	12
	3	6	10 ⁴²	10 ⁴²	10 ⁴⁷	10 ⁵³	5
	4	12	10 ⁴²	10 ⁴⁵	10 ⁴⁵	10 ⁴⁸	3
	5	11'	Vis	dry	mud, miresions		
	6	10'	Vis	low clay	- not so loose,		
	7	10'	10 ⁵⁷	11 ⁰⁰	11 ⁰⁰	11 ⁰³	3
	8	14'	11 ⁰²	11 ⁰⁷	11 ⁰⁷	11 ¹²	5
	9	13 1/2	10 ⁵⁹	11 ⁰⁸	11 ⁰³	11 ⁰⁸	4

me.

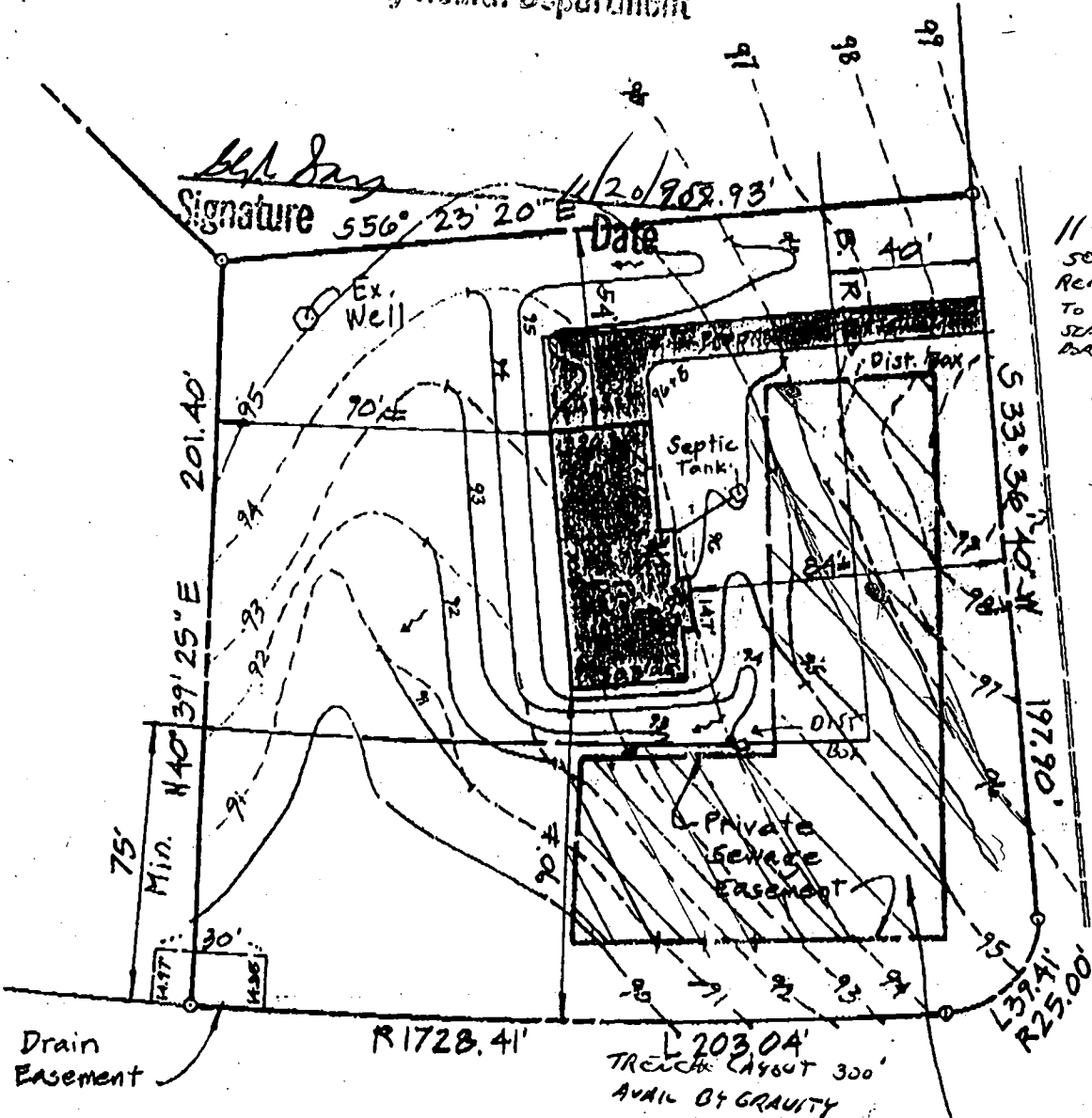
not as much mires

5min

REMARKS beam miresions RM

TYPE OF SOIL _____

Approved Septic System Plan
Howard County Health Department



11-17-95
SEPTIC TANKS BE
RELOCATED IN ORDER
TO INSTALL GRAVITY
SERVICE TO THE LOWER
PORTION OF THE S.O.A.
SECOND TANK
IN SERIES REQUIRED
TO SERVE AS A
PUMP OUT EX.
FUTURE REPAIRS

Green Hill Court 50' R/W

Villad'est Drive
50' R/W

Note: Final length
of trenches to be
determined by
Howard Co. Health
Dept. at time of
Permit issuance.

Note: Contractor to provide positive
drainage away from foundation
at all times.

Length of proposed driveway:
105' + 24' x 24' parking pad.

Septic System Elevations

Inv. out of house	94.1	92' 6"
Inv. into Septic Tank	94.2	92' 2"
Inv. out of septic tank	93.3	91' 6"
Inv. into dist. box	93.2	91' 0"
Inv. into trench	92.5	91' 0"
Ex. grade @ dist. box	97.2	
Ex. grade @ trench	97.2	
Ex. grade @ septic tank	94.5	

Proposed Dwg. Elevations

First Floor	98.0
Basement Floor	89.0
Garage Floor	87.0

Lot 11 Block E Section 3

"Green Hill Manor"

