

3/22/90
10:30 AM
late P.M.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

03-309258

INDEXED

P 45698

A 30321

DISTRICT 3rd

DATE 03/19/90

DATE SYSTEM APPROVED 3/21/90

INSPECTOR B.H.

J. Emerson Feaga & Son Excavating IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 1625 Henryton Road, Marriottsville, Maryland 21104 PHONE 442-5623

SUBDIVISION Wynfield Estates ROAD 2701 Wynfield Road LOT 11

PROPERTY OWNER Mr. Patrick E. Cramer Richard & Eileen Kurolek

ADDRESS 7803 Brirardale Terr., Derwood, Maryland 20855

~~IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%~~

~~GARBAGE GRINDER~~ ☒ YES ☒ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the first trench 160 feet from the front lot line and 135 feet from the left lot line. Run trenches along contour toward left lot line.

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

PLANS APPROVED BY Craig Williams cm DATE 03/19/90

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(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 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

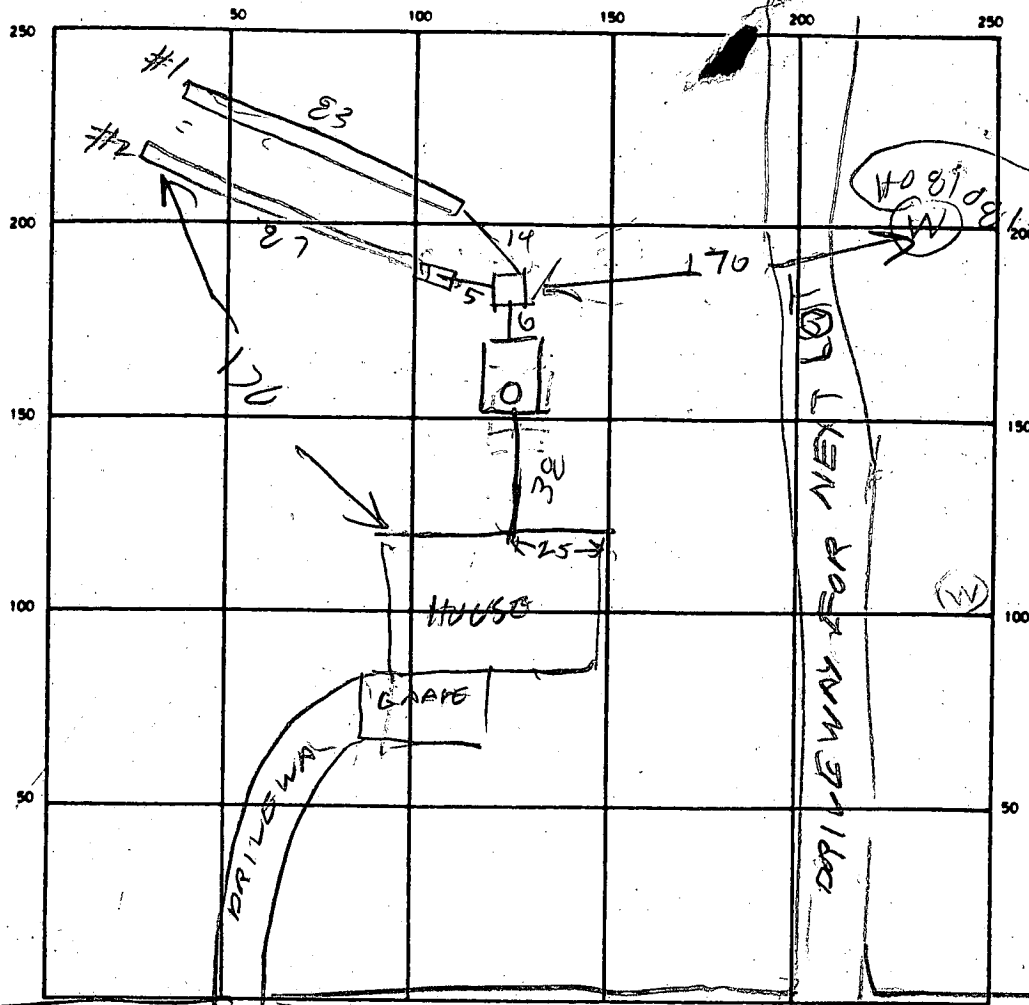
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 5/2/01
300129942 - Sun. room

BLDG. PERMIT SIGNED
AND RETURNED 11/29/91
Serial # 40507 - Ford

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



SEPTIC TANK. LEVEL 1500

CLEANOUTS ST
OK

DISTRIBUTION BOX. LEVEL OK

DRAIN FIELD/TILE FIELD. DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 83 87 170

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 850 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 3/22/90 - LOCATOR OK TRENCHES DUG AND STONE RHT
3/22/90 - 300 GPM. - STONE ADDED

DATE SYSTEM APPROVED 3/22/90

INSPECTOR B. Hodge

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 # 45798
Date 4/19/90

Name of Installer FEAGAN Plumbing & Htg

Telephone 442-5729

License Number 6318

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner Pat CREAMER

Telephone

Subdivision Wynfield Lot # 11

Well Tag #

Site Address 2701 Wynfield Rd

Pump

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

Motor

1. Horsepower 7/4
2. RPM
3. Voltage
 - a. 110
 - b. 220 ☒

Pitless Adapter

1. Make
2. Model #
3. Depth

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 42
2. Pressure relief valve? YES

Piping

1. Type PLASTIC
2. Size 1.5
3. NSF and/or BOCA Code approved ☐
4. Depth of supply line

Well data

1. Depth ft.
2. Yield GPM
3. Static water level ft. R. J. Hodges
4. Will water supply be disinfected by installer? ☐

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: Henry Seay

Date: 4/11/90

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

S 40°-00'-00" W ~ 237.72'

NOTE: CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM FOUNDATION AT ALL TIMES.

NOTE: TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD MEASUREMENTS.

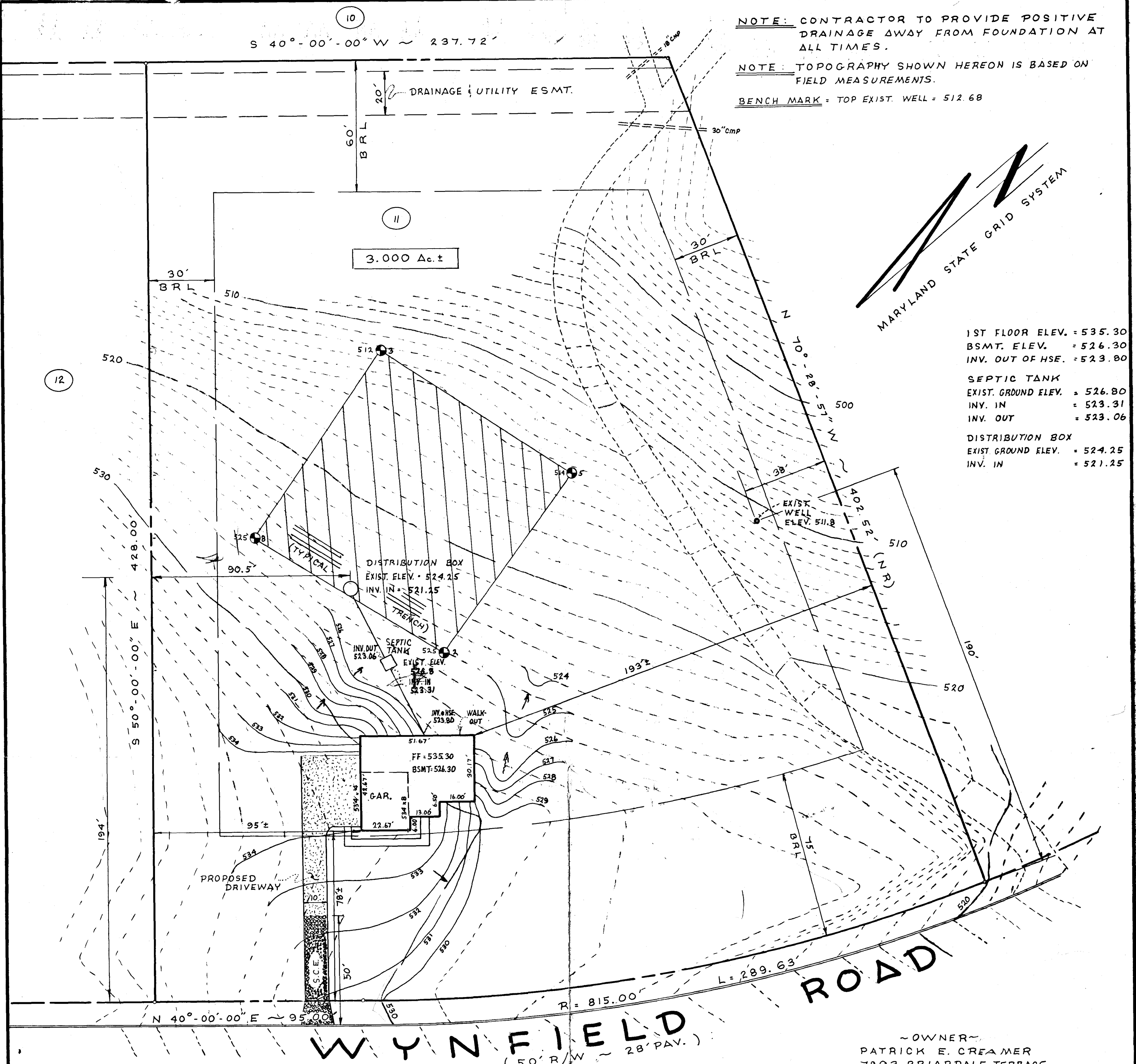
BENCH MARK = TOP EXIST. WELL = 512.68

MARYLAND STATE GRID SYSTEM

1ST FLOOR ELEV. = 535.30
BSMT. ELEV. = 526.30
INV. OUT OF HSE. = 523.80

SEPTIC TANK
EXIST. GROUND ELEV. = 526.80
INV. IN = 523.31
INV. OUT = 523.06

DISTRIBUTION BOX
EXIST. GROUND ELEV. = 524.25
INV. IN = 521.25



B.R.L. = BUILDING RESTRICTION LINE
S.C.E. = STABILIZED CONSTRUCTION ENTRANCE
S-S = SILT FENCE
[Hatched Area] = 10,000 SQ. FT. SEWAGE ESMT.

~OWNER~
PATRICK E. CREAMER
7803 BRIARDALE TERRACE
DERWOOD, MD. 20855
PHONE: (330-0538)

PLANS O.K.
R. HODGES

SITE PLAN
for

LOT #11

"WYNFIELD ~ SECT. #2
LOTS #1 THRU #15
PLAT REF. #5459
THIRD ELECTION DIST.
HOWARD COUNTY, MARYLAND

SCALE: 1"=30' ~ DATE: 7-11-89

VITTI, ROBEL & ASSOCIATES, INC.

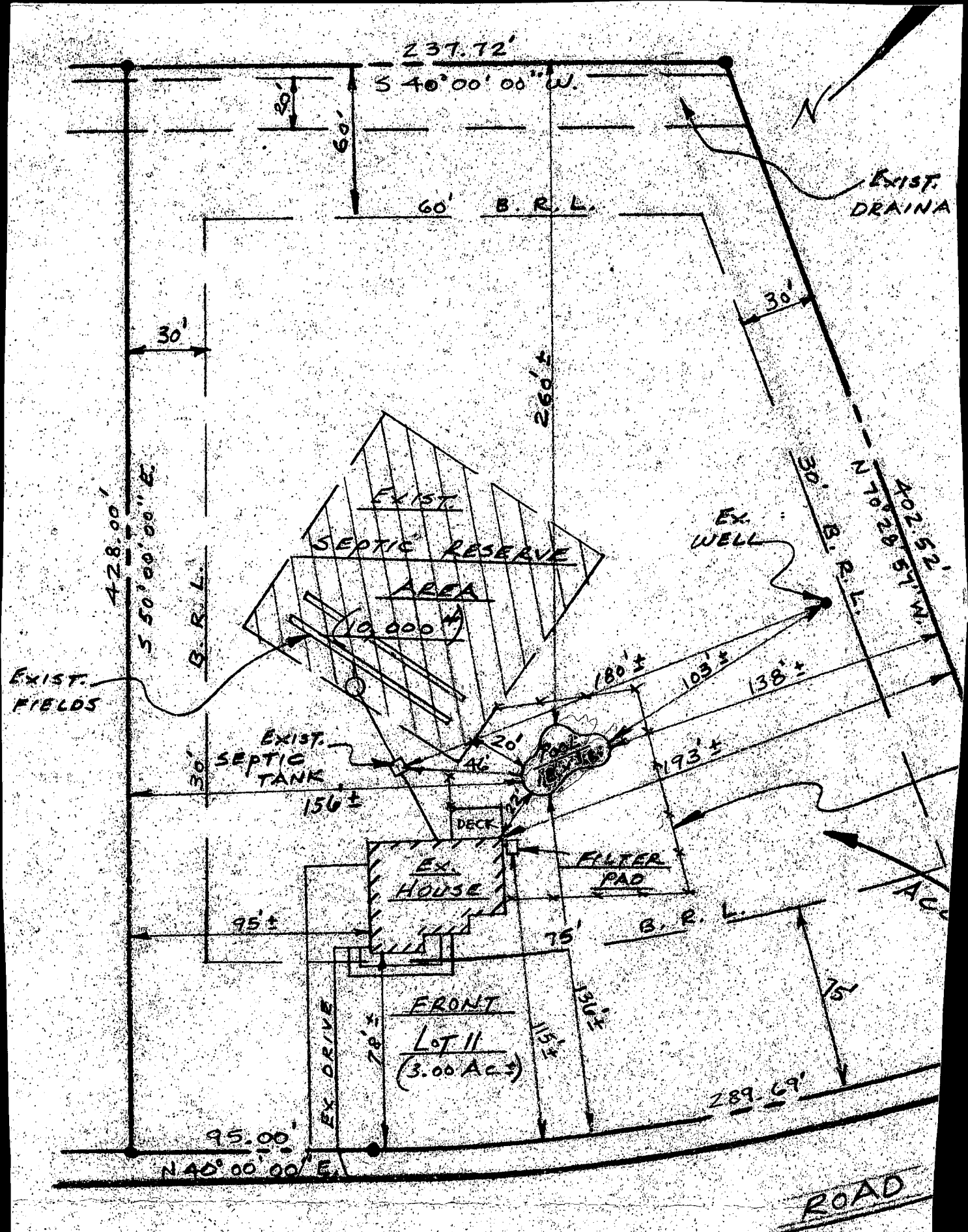
1717 YORK ROAD
SUITE 2B
LUTHERVILLE MARYLAND 21093
(PHONE 252-4552)

I HEREBY CERTIFY THAT THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

Mark L. Robel
MARK L. ROBEL

7-11-89
DATE





11/29/90

Plans
approved
by RH

WYNFIELD

(50 R/W ~ 28' PAV.)

SITE PLAN

SCALE: 1" = 50'

PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30321

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 3RD.

DATE 10/31/79

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 Land Associates Patrick E. Cramer
ADDRESS 3450 Ft. Meade Rd., No. 206, Laurel, Md. 20810 PHONE Tom Munz - 792-2242
or Ted Snovell - 265-6543

PROPERTY LOCATION: WYNFIELD
SUBDIVISION Hoffman property LOT NO. 9
LOT 11
SECTION 2
11 on copy of final
9 on signed prelin

ROAD AND DESCRIPTION Route 144 2701 Wynfield Road

SIZE OF LOT 3 acres plus TYPE BLDG. 3 or 4 bedrooms

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.

SIGNATURE OF APPLICANT /s/ Ted Snovell for Land Associates

APPROVED BY R.H. & D.W.M. FOR DRYWELL DATE 12/27/79

REJECTED BY _____ FOR _____ DATE _____

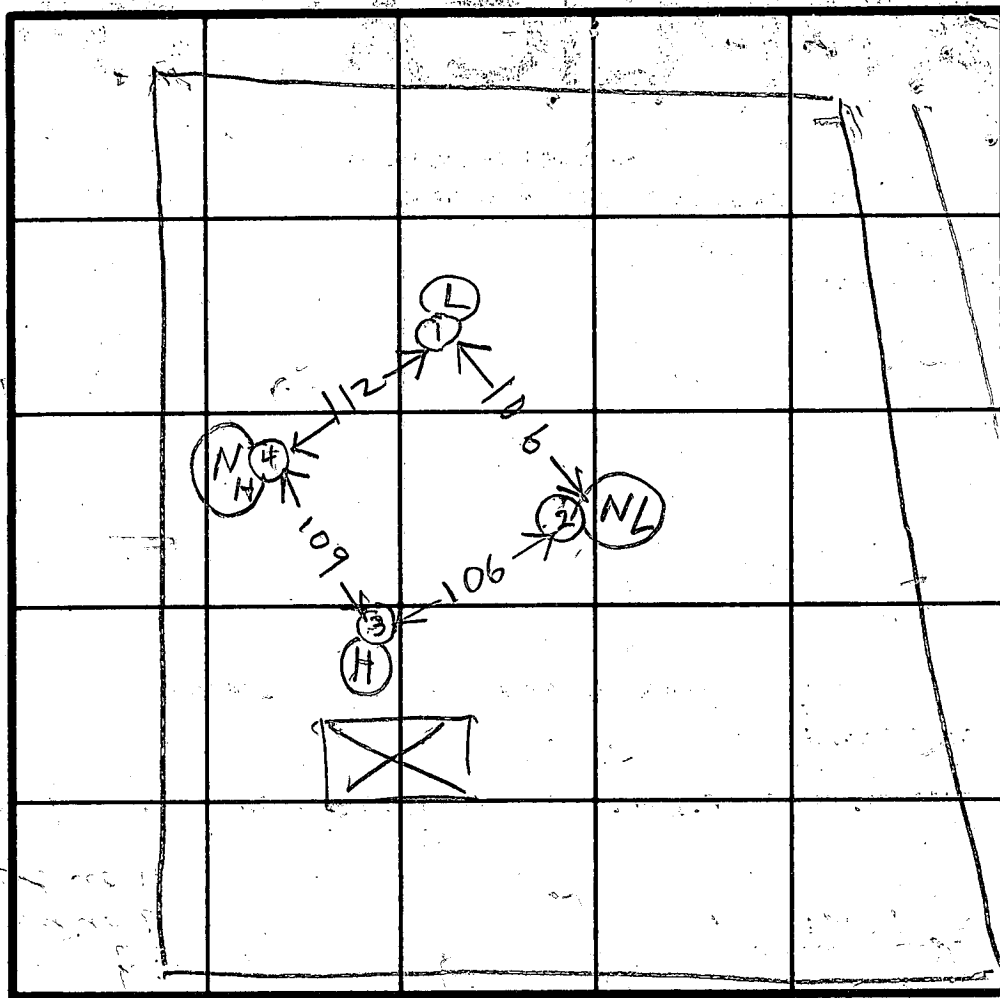
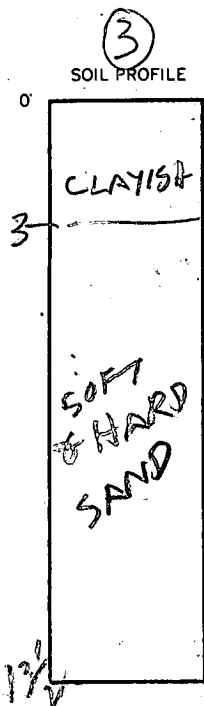
HOLD PENDING FURTHER TESTS OK DATE _____

REASONS FOR REJECTION OR HOLDING _____

Copy given to Jim A.

BLDG. PERMIT SIGNED
AND RETURNED 8/15/89
Serial # 28334
SFD - 4 Bedroom

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

PROPOSED RD

① = LOWEST

② = NEXT LOW

③ = HIGHEST

④ = NEXT HIGHEST

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/8/79	1D	14	319	326	326	336	10
11/9/79	1S	4 1/2	1014	1016	1016	1019	3
11/9/79	2D	14 1/2	1024	1025	1025	1027	2
	2S	5	1026	1030	1030	1034	4
	3S	4	1034	1035	1035	1038	3
	3D	13 1/2	1042	1049	1049	1107	18
	4S	4 1/2	1044	1046	1046	1053	7
11/9/79	4D	14 1/2	1053	1100	1100	1110	10

LOWEST

11 MIN. AVG.

4 ft.

REMARKS

TYPE OF SOIL

TESTED BY

RH

ALSO PRESENT

RUSZYMSKI

C1	3060	SEQUENCE NO. (OEP USE ONLY)	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.
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				COUNTY NUMBER A 30322

DATE Received	DATE WELL COMPLETED	Depth of Well	PERMIT NO.
8 13	123/84	22 325 26 (TO NEAREST FOOT)	FROM "PERMIT TO DRILL WELL" N0-81-0813
OWNER	last name first name TOWN		
MAGER	SAMUEL WEST FRIENDSHIP		
STREET OR RFD	SUBDIVISION SECTION LOT		
WYNFIELD RD	WYNFIELD 2 11		

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	
Brown shale	0	29	
Gray mica rock	29	325	

DRY WELLS -
1 - 305'
2 - 386'
3 - 285'
4 - 285'
5 - 320'
6 - 348'
7 - 360'
8 - 285'

Filled in with cement
+ Drilling materials.

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT ☒ CM BENTONITE CLAY ☒ BC

NO. OF BAGS 7 NO. OF POUNDS 658

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 30 ft.

(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

STEEL ☒ ST CONCRETE ☒ CO

PLASTIC ☒ PL OTHER ☒ OT

MAIN CASING TYPE

Nominal diameter top (main) casing (nearest inch)

Total depth of main casing (nearest foot)

6 34

OTHER CASING (if used)

diameter depth (feet)

inch from to

SCREEN RECORD

screen type or open hole

insert appropriate code below

STEEL ☒ ST BRASS ☒ BR OPEN HOLE ☒ HO

PLASTIC ☒ PL OTHER ☒ OT

C2

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)

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.) WQ

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour)

6

PUMPING RATE (gal. per min. to nearest gal.)

2

METHOD USED TO MEASURE PUMPING RATE

bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING

25

WHEN PUMPING

198

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:

29

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)

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)

Wynfield Rd.

Good well 150' from front

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 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.

DRILLERS IDENT. NO. 238

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0813Location of property (road) Wynfield Rd.Subdivision Wynfield Lot 11 Block Plat Sec. Sec IIWell Driller Joseph Mayne Owner Sam MacerDepth of well 325Distance of measuring point (M.P.) above ground 1'Static water level (S.W.L.) below M.P. 225'

High rate pumping -- reservoir drawdown

Time pump started 8:00Pumping rate 9Total time 45 min to reach pumping water level 195' ft. below M.P.

1. 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 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:15	100	6 sec.		10
8:30	155	7		9
8:45	195	7		9
9:00	195	35		134
9:15	195	35		134
9:30	195	35		134
9:45	194	35		134
10:00	192	35		134
10:15	194	30		2
10:30	194	30		2
10:45	194	30		2
11:00	194	30		2
11:15	195	30		2
11:30	195	30		2
11:45	195	30		2
12:00	195	30		2
12:15	195	30		2
12:30	194	30		2
12:45	197	30		2
1:00	199	30		2
1:15	198	30		2
1:30	198	31		2
1:45	198	30		2
2:00	198	30		2
2:15	198	30		2

S 40°-00'-00" W ~ 137.72'

DRAINAGE UTILITY ESMT.

3.000 Ac.±

MARYLAND STATE GRID SYS

296'

PROPOSED 12' X 21'
PATIO ROOM ON
EXIST. DECK.

ROAD

WYNFIELD
(50' R/W - 28' PAV.)

B.R.L. = BUILDING RESTRICTION LINE
S.C.E. = STABILIZED CONSTRUCTION ENTRANCE
S-S = SILT FENCE
10,000 G.P. ST. SEWAGE ESMT.

VITTI, ROBEL & ASSOCIATES, INC.
1717 YORK ROAD
SUITE 28
LUTHERVILLE MARYLAND 21093
(PHONE: 262-4552)

SITE PLAN
for
LOT #11
"WYNFIELD - SECT. #2
LOTS #1 THRU #15
PLAT REF. #5459
THIRD ELECTION DIST.
HOWARD COUNTY, MARYLAND
SCALE 1"=10' - DATE: 7-11-89