

PERMIT

APPROVED
20 Oct 81

P 31488

A 29304

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

03-307070

ELLICOTT CITY

DISTRICT 3rd

DATE 7/14/81

INDEX

Paul Schissler

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 7311 Brangles Road, Marriottsville, Md 21104 PHONE 795-2642

SUBDIVISION ROAD 11986 Route 144 - behind Sarano's Bar

PROPERTY OWNER William Morestein

ADDRESS 3422 Dogwood Drive, Ellicott City, Md 21043

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ☒ ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom below first 5' of original soil.

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 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

Location per engineers platt: 90' off left property line and 115' from front property line being 293' in length when facing lot from Md. Rt. 144.

Okay to use trench off dry well to make up absorbent sidewall area in system. Leave 5 ft. earth buffer between trench and dry well. Trench to follow contour off the land. Call for 2 inspections before and after gravel is installed.

7/14/81 O.K. to use SDR-35 plastic pipe starting 10 ft. off of septic tank. Cleanout required to grade every 50 ft. J. Skinner
PLANS APPROVED BY G.L.K. Specs - Fred Frommelt/ C.B.S. DATE 12/24/79

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.

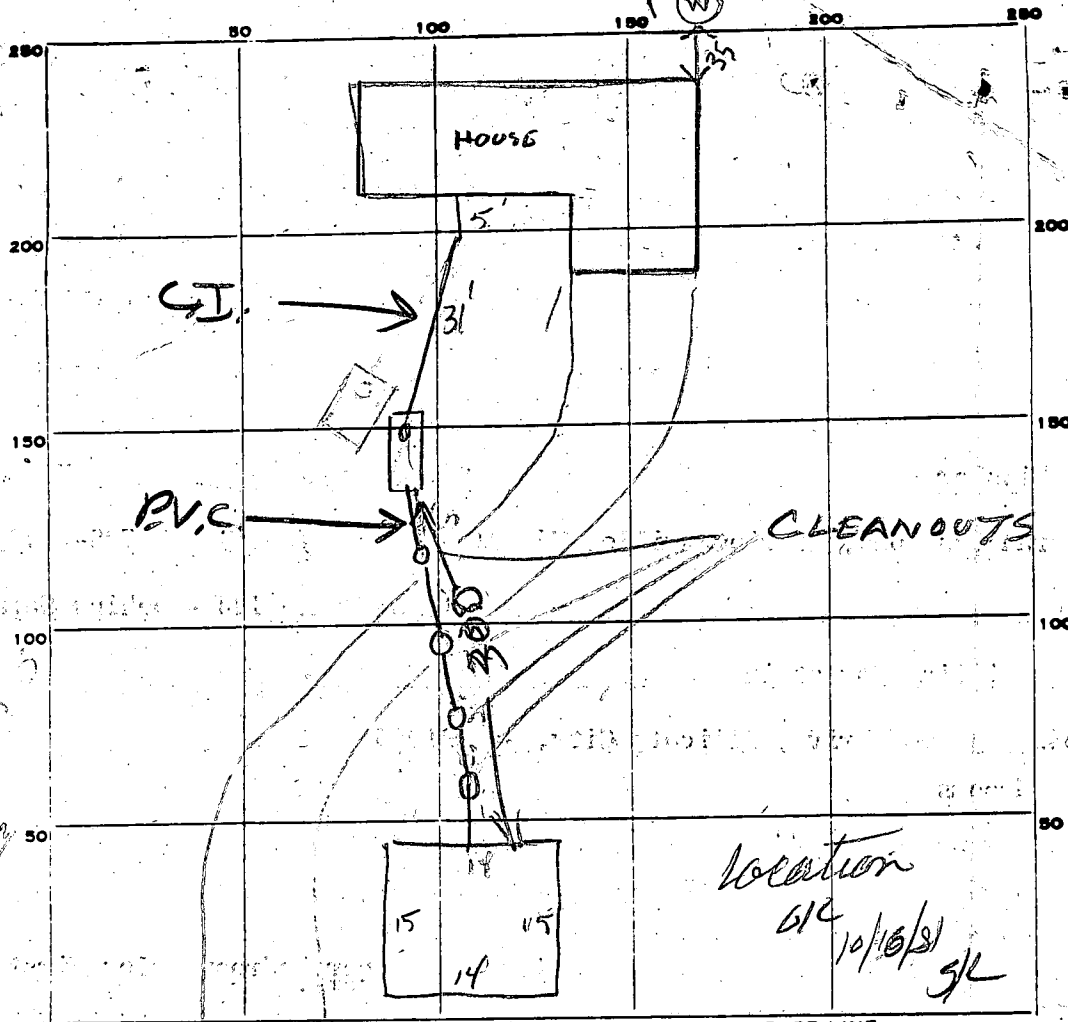
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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.

BLDG. PERMIT SIGNED
AND RETURNED 12/3/84
Serial # 62150
greenhouse



PERMIT CARD

SEPTIC TANK, LEVEL

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 58 1/2 FT. DEPTH BELOW INLET 7 FT.

ABSORBENT AREA 410 SQ. FT.

REMARKS OK to backfill House area and Family Tank SK-1

10/19/81 DWINLET 4 B.O.G. 5 CLEANOUTS TO BE ON

PIPE FROM TANK TO DRY WELL SPACED ABOUT

50 FT A PART DISTANCE IS 300 FT

P.V.C. SDR 35 Charlotte Pipe Co Pipe Used in Sewer

10/19/81 PM - 5 CLEANOUTS INSTALLED

DATE SYSTEM APPROVED

19 Oct 81

INSPECTOR

Raymond Hodges

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

A 29304

P

Septic Tank { 1-3 Bedrooms 1000 gallons
4 Bedrooms 1250 gallons

3rd

DISTRICT

12/4/78

DATE

Dry well to have 120 sq. ft. effective at road
sidewalk area per bedroom below frost
5' of original soil. Inlet in @ 4' and maximum depth
11'. Location per engineers plat: 90' off left property
line and 115' from front property line being 293' in length
when facing lot from Md. Rt. 144.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

BLDG. PERMIT SIGNED

AND RETURNED 5/13/81

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

PROPERTY OWNER John Taggart

William Masterson
3422 Woodwood Lane
Ellicott City, Md 21043

Serial # 46549

ADDRESS

PHONE

465-8930

PROPERTY LOCATION

SUBDIVISION

11986

LOT NO.

Final
? 2 perc area

ROAD AND DESCRIPTION

Route 144 - behind Sarano's Bar

SIZE OF LOT

?

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/ Jack Boender

APPROVED BY

G.L.K. ; Spec by F.F. C.B.D.

FOR

Dry Well & Trench

DATE

12/24/79

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

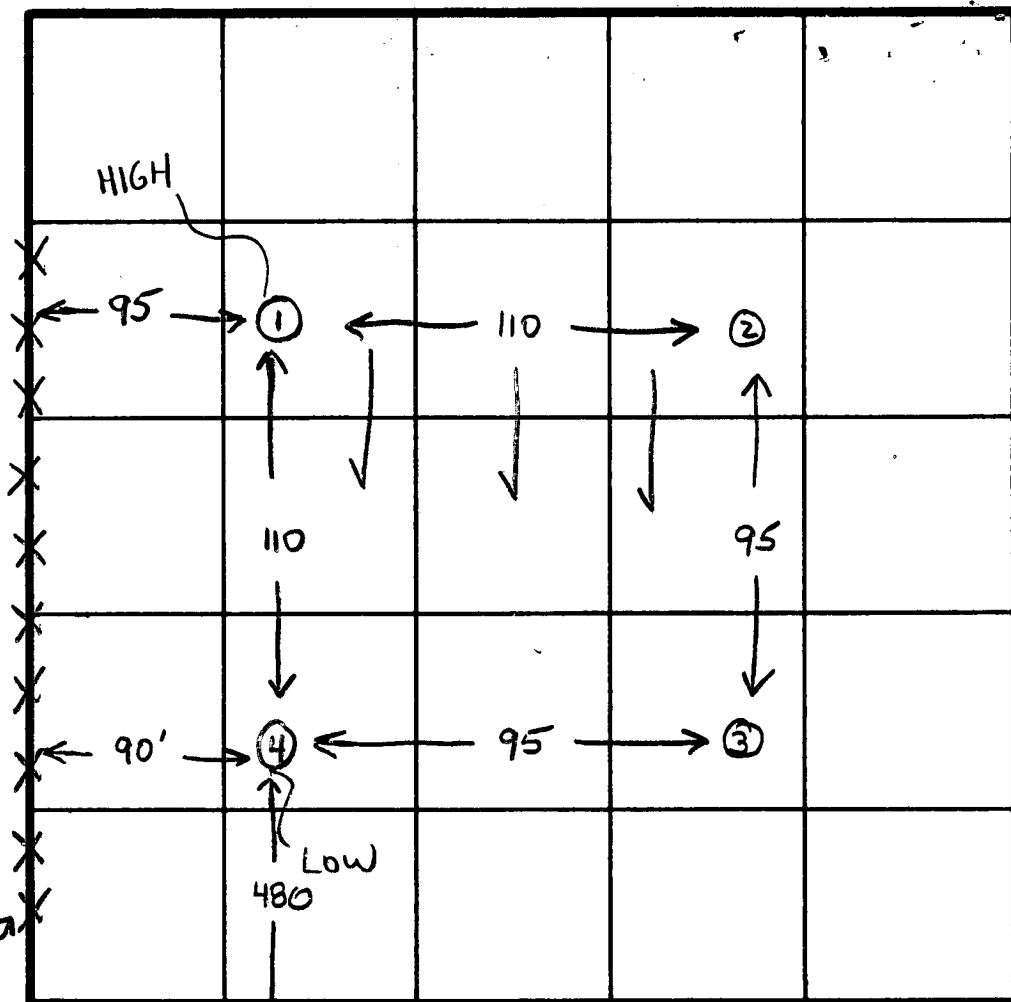
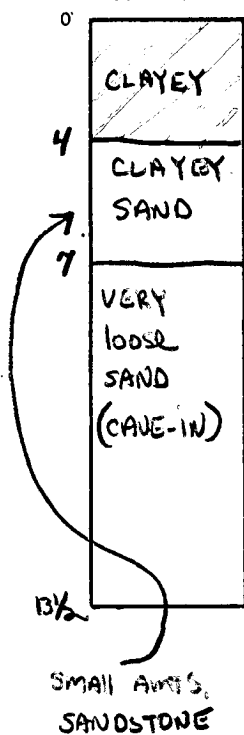
DATE

REASONS FOR REJECTION OR HOLDING

THIS IS NOT A PERMIT

2

Hole ③ SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
RT 144

tranch
① → ②

11/28/79
Unit 4
Good ground 5'
Maximum depth 11'
F.F.v.
C.B.S.
120 yd ft.
per inch
6 mm

high

Low

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/11/78	11-15 10 - HIGH	5 13 1/2	138 138	139 140	139 140	140 143	2 3
	25 20	13	VISUAL - Excellent		loam		
	35 30	5 13 1/2	122 see profile	128 202	128 3 1/4" 30	146 132	18 fails
	45 40 - LOW	6 14 1/2	132 126	202 130	3 1/4" 30 132	132	2
	4m	7 1/2	344	346	346	349	3
						5	28

REMARKS heavy woods - tests as staked

TYPE OF SOIL All holes except ③ - sandy loam below clay

TESTED BY GLK + RD

ALSO PRESENT Boender

B 1 0366

SEQUENCE NO.
WRA USE ONLY

STATE OF MARYLAND

WRA PERMIT NUMBER

(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

APPLICATION FOR PERMIT TO DRILL WELL

H0-73-3856

please print or type

fill in this form completely

DATE RECEIVED

2-20-81

8 (WRA USE ONLY) 13

OWNER INFORMATION

Morstein, William

LAST NAME

OWNER

FIRST NAME

280 E. Main St.

STREET OR RFD

TOWN

STATE

ZIP

Westminster Md. 21157

B 1 CONTINUED

DRILLER INFORMATION

DRILLER'S NAME

SIGNATURE

77 LICENSE NO. 80

DATE

George Easterday 40

George Easterday 2-18-81

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN)

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

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)

APPROXIMATE DEPTH OF WELL

150

24

FEET

APPROXIMATE DIAMETER OF WELL

6"

NEAREST INCH

Method of Drilling (circle one)

BORED (OR AUGERED)

JETTED

JETTED & DRIVEN

☒

AIR PERCUSSION

ROTARY (HYDRAULIC)

CABLE

REVERSE ROTARY

DRIVE POINT

ROTARY

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 (WRA USE ONLY)

APPROX. PERMIT NUMBER

GAP

FORCE

WRITE INITIALS IN BOX

CONDITIONS

A E N S G W Q C L U

B 5

SPECIAL CONDITIONS

(WRA USE ONLY)

B 3

LOCATION OF WELL

COUNTY

Howard

SUBDIVISION

Taggart Property

SECTION

LOT

2

NEAREST TOWN

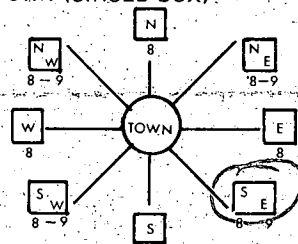
West Friendship

MILES FROM TOWN (enter 0 if in town)

1

B 4

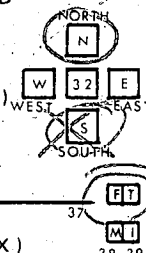
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



NEAR WHAT ROAD

Rt 144

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX)

1000

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX

46' casing 2 1/2" chg grade

42' open

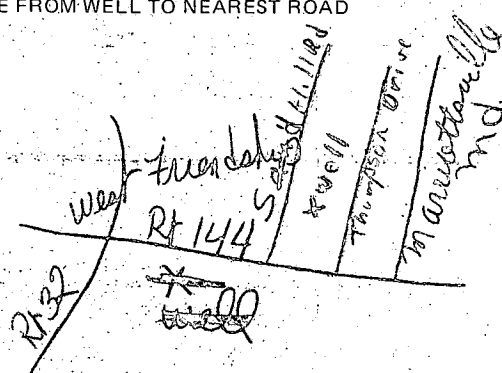
13 bags cement

WRITE THE BOX NUMBER FROM THE MAP HERE

825	0
530	3

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

N



B 4

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard

A29304

COUNTY NAME

COUNTY NO.

EHA

SIGNATURE

STATE HEALTH CIRCLE BOX

S

MO

DAY

YR

Frank Skinner, Sanitarian

MO

DAY

YR

Frank Skinner

NORTH

GRID

533

EAST

0820

ELEV. (FT.)

000

DATE

4/1/81

GRID

50

55 GRID

57

63

65

68

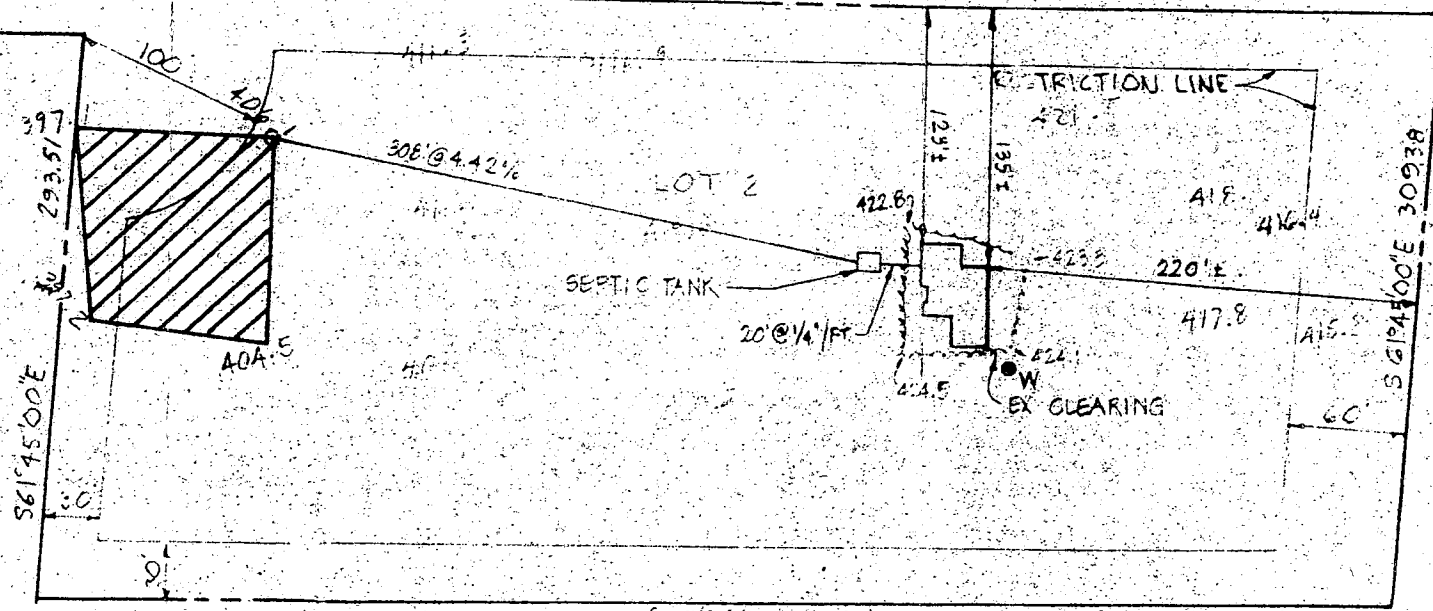
MD. RTE. 144

25.06'

N 24° 25' 00" E 445.00'

S 24° 25' 00" W 1145.00'

4/1/81
well site
O.K. J.S.



HOUSE

F.F. = 424.0
BSMT. = 415.0
INV. OUT. = 418.4

DRYWELL

EX. GP. = 406.1
PROP. GP. = 406.1
INV. IN. = 404.1

SEPTIC TANK

EX. GP. = 421.0
PROP. GP. = 421.0
INV. IN. = 418.0
INV. OUT. = 417.7

WELL

PROP. GP. = 422.8
EX. GP. = 422.8

William & Brenda Morstein

TITLE PLOT PLAN

DATE: MARCH 1st, 1981

PROJECT LOT 2 TAGGART PROPERTY

SCALE: 1" = 100'

LOCATION 3RD ELECTION DISTRICT HC. CO., MD.

JOB NO.: 80234

DRAWN BY: J.S. DN/G.M.

boender associates

SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING
ELLCOTT CITY, MARYLAND 21043
301-465-7777

engineers
surveyors
planners

C1	8227	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED	
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-8 ON ALL CARDS)				COUNTY NUMBER	A29304	
Date Received (WRA use only)	5/1/81		Depth of Well 160		PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-3856	
DATE WELL COMPLETED						

OWNER	Morstein	William	TOWN	West Friendship	Westminster, Md.
STREET OR RFD	280 E. MAIN ST.				
SUBDIVISION	Taggart property		SECTION	LOT 2	

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 FROM TO	Check if water bearing
Top Soil	0 3	
Shaley	3 10	
SANDY	10 35	
SANDstone	35 50	
mica	50 70	
SANDstone	70 74	✓
mica	74 90	
Flint	90 98	✓
mica	98 160	

WELL HAS BEEN GROUTED (Circle Appropriate Box)	
YES ☒	NO ☐
TYPE OF GROUTING MATERIAL	
CEMENT ☒	BENTONITE CLAY ☐
NO. OF BAGS 13	NO. OF POUNDS 1300
GALLONS OF WATER 65	
DEPTH OF GROUT SEAL (to nearest foot)	
from 0	ft. to 42
(enter 0 if from surface)	

Casing types insert appropriate code below	
STEEL ☒	CONCRETE ☐
PLASTIC ☐	OTHER ☐
MAIN CASING TYPE	
ST	6
Nominal diameter top(main) casing (nearest inch)	
Total depth of main casing (nearest foot)	
46	

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

screen type or open hole		
insert appropriate code below		
STEEL ☐	BRASS ☐	OPEN HOLE ☐
PLASTIC ☐	OTHER ☐	

C2		
(Seq. no.)		
DEPTH (nearest ft.)		
HO	44	160

SLOT SIZE	
1 2 3	
DIAMETER OF SCREEN (NEAREST INCH)	
from to	

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX	

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T	(E.R.O.S.)
WQ	
TELESCOPE CASING	LOG INDICATOR
OTHER DATA	

C3		
(seq. no.)		
PUMPING TEST		
HOURS PUMPED (nearest hour) 4		
PUMPING RATE (gal. per min. to nearest gal.) 8		
METHOD USED TO MEASURE PUMPING RATE Bucket		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING 45		
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	

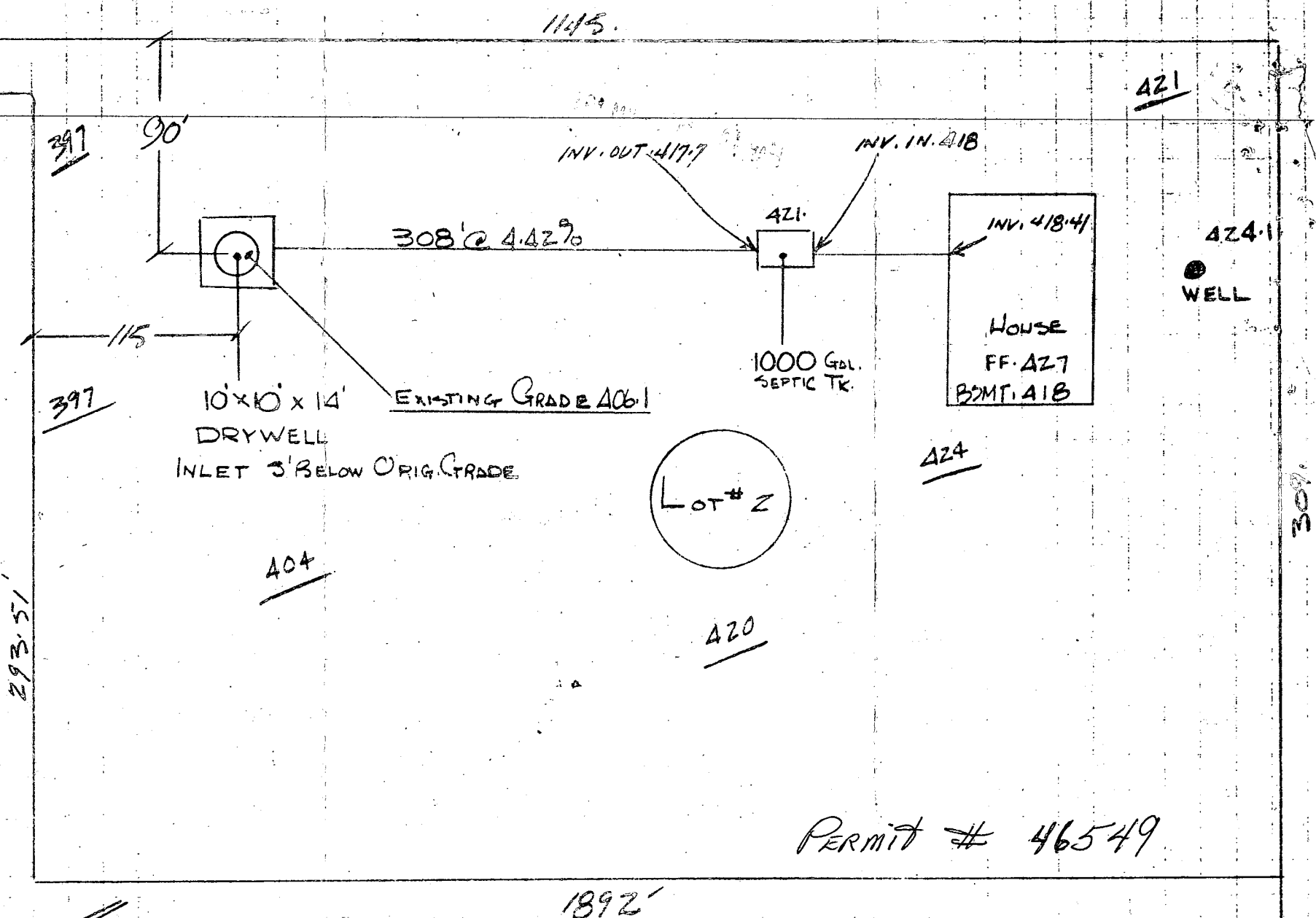
PUMP INSTALLED	
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)	YES ☒ NO ☐
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS, EXCEPT HOME USE	
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))	
CAPACITY: GALLONS PER MINUTE (to nearest gallon)	
PUMP HORSE POWER	
PUMP COLUMN LENGTH (nearest ft.)	
CASING HEIGHT (circle appropriate box and enter casing height)	
above	LAND SURFACE
below	2 (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)	

Route 144	
Lot line	
Well	

CIRCLE APPROPRIATE BOX	
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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.	
DRILLERS IDENT. NO. 40	
DRILLERS SIGNATURE	
(MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)	

MD Route 144



PERMIT # 46549

WM. MORESTEIN
Lot # 2 TAGGERT PROPERTY
3RD ELEC. DISTRICT HO. CO., MD.

