

11/17/83
9:30 AM
1:00 P.M.

approved
11-17-83
C. Williams

PERMIT

P 33288
A 31184

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

04-341961

ELLCOTT CITY
DISTRICT 4th

INDEX

DATE Nov 8, 1983

Paul Schissler _____ IS PERMITTED TO INSTALL ALTER _____

ADDRESS 4410 Shellbottom Drive, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Beetz ROAD 811 Beetz Road LOT 3

PROPERTY OWNER Rylea Homes, Inc. William R. Velich, Jr.

ADDRESS 73 Hook Road, Westminster, MD Phone: 857-0100

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

BLDG. PERMIT SIGNED AND RETURNED 12/2/84
Serial # 57436 -
Enlarge Stoop

TRENCHES - 209 sq. ft./bedroom bottom area. Trench to be 3 ft. wide. Inlet 3 ft.
below original grade. Bottom maximum depth 6 ft. below original grade. Effective
area begins at 4 ft. below original grade. 3 ft. of stone below distribution pipe.

LOCATION: Start to dig the first trench 140 ft. from the front lot line and 30 ft.
from the right sideline, as seen when facing the property from Beetz Rd. Continue to
dig the first trench on level ground, running towards the left sideline. Place the
second trench parallel to, downslope of, and 9 ft. away from the first trench.

BLDG. PERMIT SIGNED AND RETURNED 11/8/83
Serial # 62463 -
detached garage

PLANS APPROVED BY Frank Skinner DATE Nov. 3, 1983

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 AND AFTER PLACING GRAVEL IN TRENCH.

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.

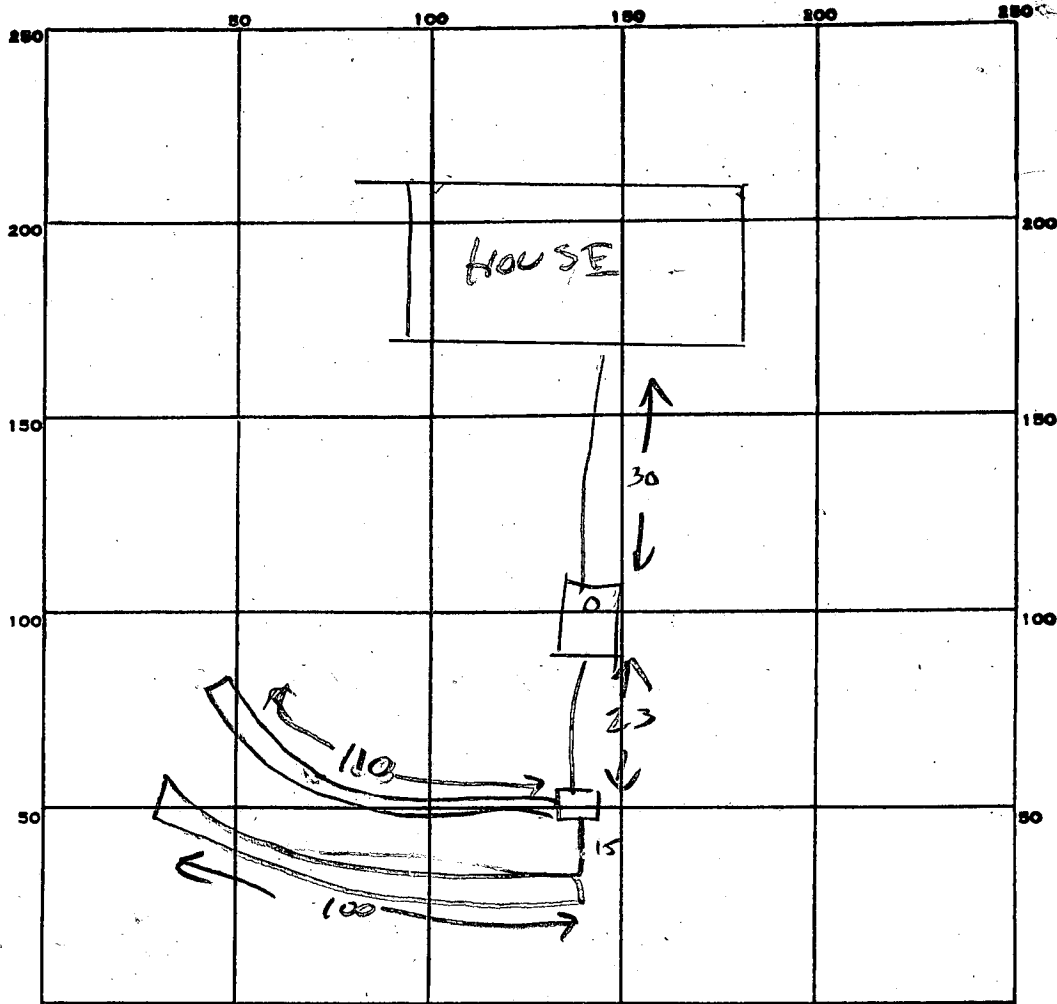
PERMIT VOID AFTER THREE YEARS.

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

BLDG. PERMIT SIGNED AND RETURNED 6/2/87
Serial # 12760
Bar

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

A 31184



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

BEGTZ RD

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 6 FT. TRENCH WIDTH 3 FT.

GRAVEL DEPTH 2 FT IN. TOTAL LENGTH 210 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 630

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

ABSORBENT AREA 630 SQ. FT.

REMARKS _____

DATE SYSTEM APPROVED 11-17-83

INSPECTOR CW [Signature]

APPLICATION

A 31184

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

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

DISTRICT 4th Election District

DATE February 19, 1981

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 St. Michael's Roman Catholic Church, Poplar Springs, Maryland Inc.

ADDRESS 1200 St. Michael's Road, Mt. Airy, Maryland 21771

PROPERTY LOCATION

SUBDIVISION Beetz Division LOT NO. #3

ROAD AND DESCRIPTION Beetz Road & Interstate Route 70

SIZE OF LOT 3007 AC ± TYPE BLDG. 3 to 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 Allen W. James

APPROVED BY St. Michael + F. Skinner FOR Trenches (see note on drawing) DATE 3/10/81

REJECTED BY _____ FOR _____ DATE _____

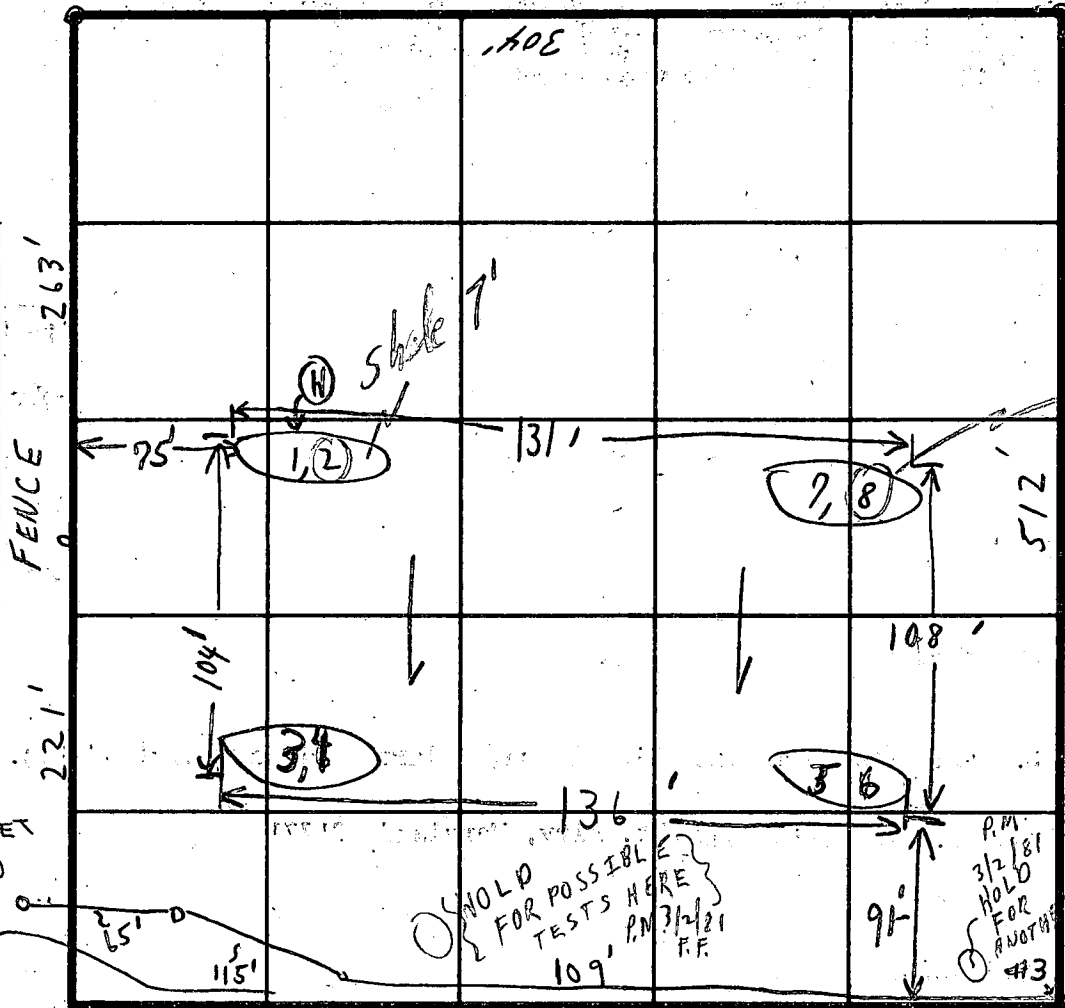
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING FOR DISCUSSION, 3/2/81, C.B.S.

THIS IS NOT A PERMIT

#3

SOIL PROFILE
SEE EACH HOLE BELOW



all shale 5'-8'

SHOULD HOLD FOR POSSIBLE TESTS HERE P.M. 3/2/81 P.F.

P.M. 3/2/81 HOLD FOR ANOTHER P.F. #3

R/W #2 220'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BEEZ ROAD 78'

SOIL PROFILE	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
1'-2 1/2' CLAY WEATHERED SHALE & SHALE @ 7'	3/2/81	1	2 1/2'	11:26	11:28	11:28	11:35	7m
		(2)	9'	11:27			11:28	1min
1'-3' CLAY MOSTLY LOAMY SAND WEATHERED SHALE		3	3'	11:20	11:30	11:30	11:51	21m
		4	9'	11:20	11:22	11:22	11:30	8m
1'-4 1/2' Clay 4 1/2'-9' LOAM & SOME WEATHERED SHALE		5	4 1/2'	11:23	11:27	11:27	11:48	21m
		6	9'	11:23	11:27	11:27	11:47	20m
1'-2' clay 2'-8' MOSTLY ALL SHALE 5'-8'		7	2'	11:44	11:45	11:45	11:49	4m
		(8)	8'	11:43			11:44	1min

SEE TESTS OF S.K. 3/6/81

REMARKS: 3/2/81 HOLD FAST TESTS IN HOLES (1,2) + (7,8) TESTS IN OPEN; IF APPROVED SHALLOW TRENCHES 3' WIDE, 5' MAXIMUM DEPTH; INLET 3' BELOW GRADE. CBS.

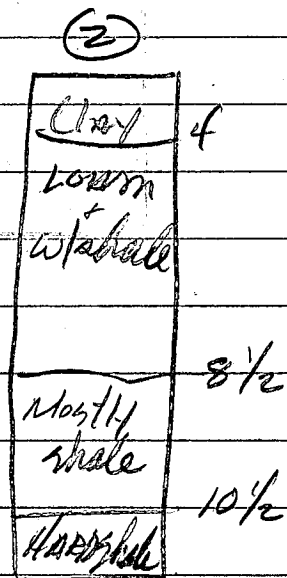
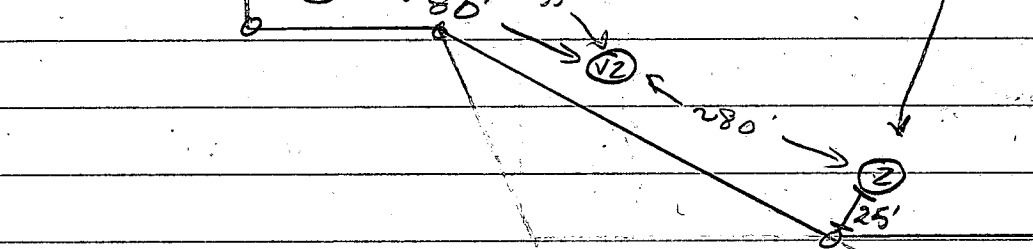
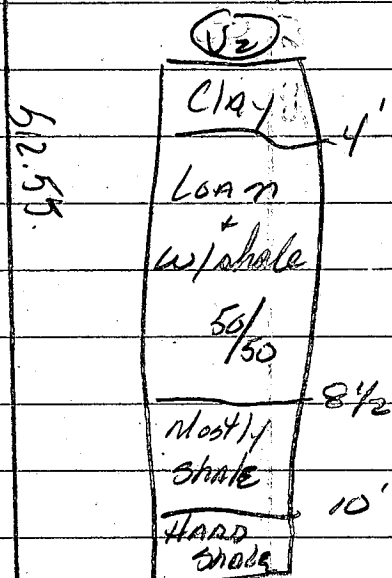
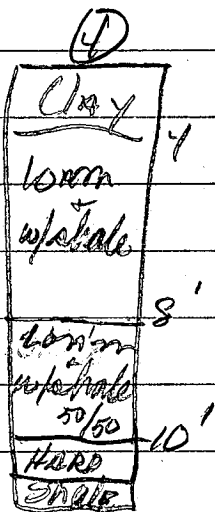
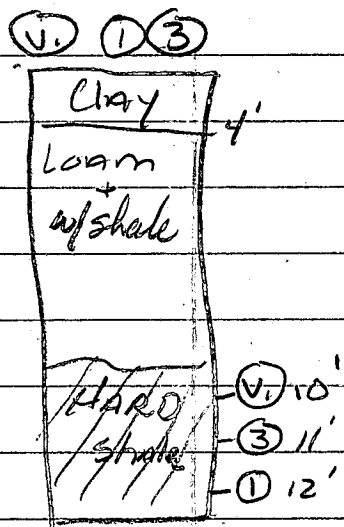
TESTED BY: C. B. S.

ALSO PRESENT: MR. ARNOLD + MAN

3/2/81 3' wide NO 3' @ most P.F. + C.B. 2 more possible holes - P.F.F.

Lot 3

3' wide Trenches 6' deep 3' gravel
 SLR FS
 3/12/81

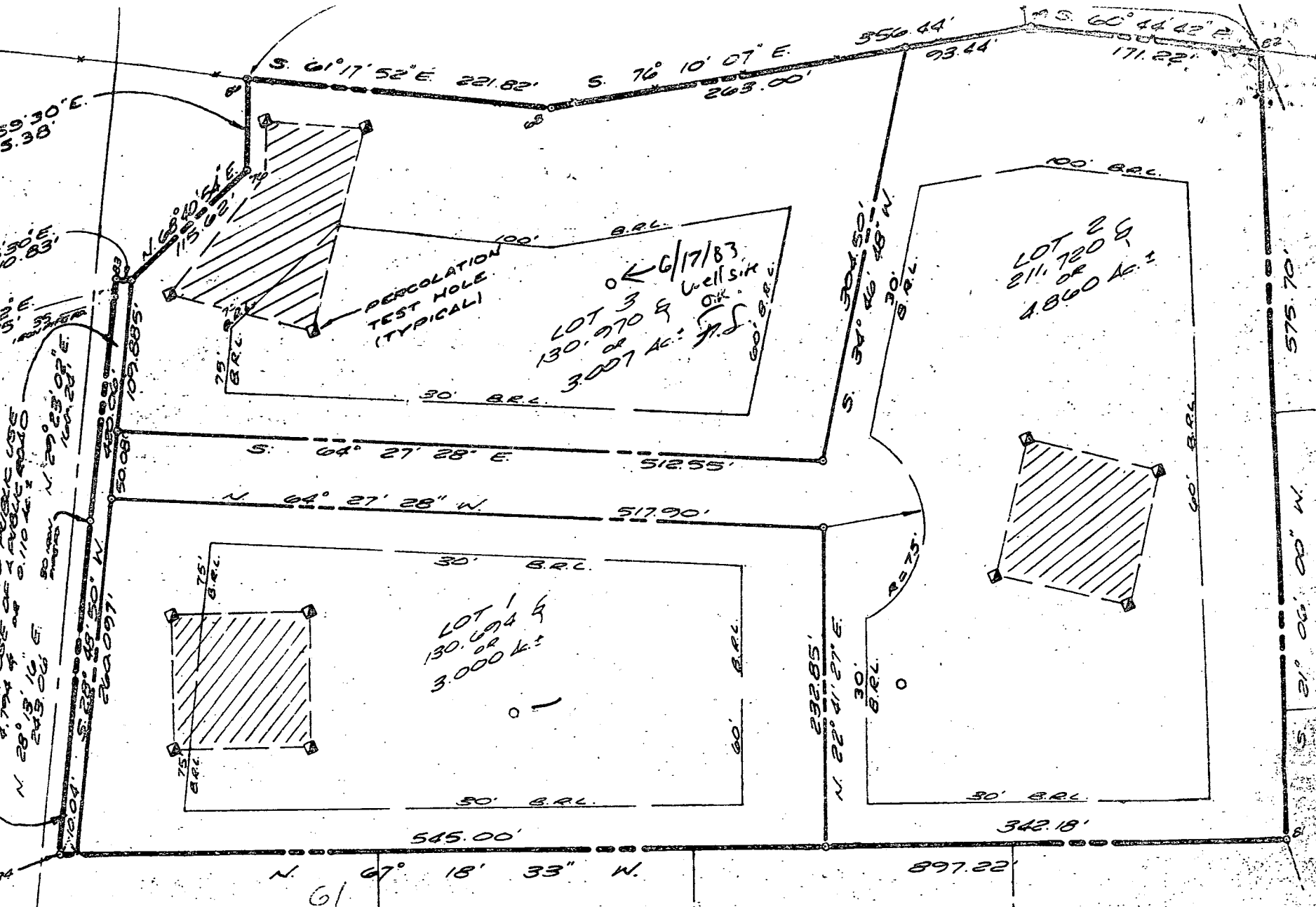


→ 3/6/81

15	4	1:37	1:45	2:05	20
1m	9'	1:37	1:42	1:50	8
25	4'	1:48	2:14	2:42	28
2m	9'	1:48	1:50	1:55	5
35	4'	2:01	2:14	2:40	26
3m	9'	2:01	2:04	2:10	6
45	4'	2:05	2:22	2:50	28
4m	9'	2:45	2:46	2:47	1
4m	9'	Repair and with			3

S.P.C. OF MA Plat No 7184
BEEZY ROAD 50' R/W
LAND DEDICATED TO PUBLIC USE
FOR PURPOSE OF A PUBLIC ROAD
5,794 sq ft of 0.10 AC. ± ROAD
N 28° 52' 02" E 245.06' ±
S 29° 23' 07" E 100.28' ±

N 22° 59' 30" E 65.38'
S 6° 45' 30" E 10.83'
N 28° 52' 02" E 11.75'



LOT 1 30.604 ± or 3.000 AC. ±
LOT 2 211.120 ± or 4.860 AC. ±
LOT 3 130.970 ± or 3.007 AC. ±
LOT 4 342.18'

CHURCH.

SIGNED
ESTATES
PLAT NO 3875

BOOK 14

B 1 5224

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-0148

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

6/28/83 11:00 A.M.

please print or type

fill in this form completely

Date Received

06018

OWNER INFORMATION

UNPTED PLUMBING & HEAT

6547 MCBETH WAY

SYKESVILLE MD 21784

B 3

LOCATION OF WELL

HOWARD

BEEZODIVISION

POPULAR SPRINGS

SECTION LOT 3

52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) .10 MI

DRILLER INFORMATION

Ronald L. Kyker 296

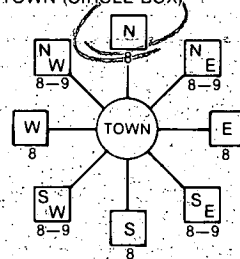
Western Rotary Well Dr., Inc

Box 866, Western, Md. 21157

Ronald L. Kyker 5/27/83

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



BEEZ

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

365

DISTANCE FROM ROAD

ENTER FT or MI 77

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 550

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 COUNTY NO.

OEP SIGNATURE DATE ISSUED

061783 Frank Shuman 12/17/83

NORTH GRID EAST GRID

APPROXIMATE DEPTH OF WELL 175 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

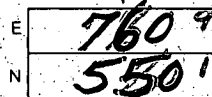
- Bored (or Augered) Jetted Jetted & Driven
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTARY Drive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. CITY
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



Location OK
6.6' casing
2' above gr
55' open
24' bag cement

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

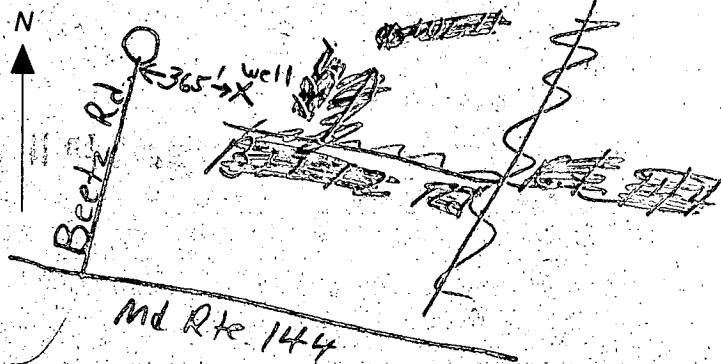
Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE FS WRITE INITIALS IN BOX PERMIT No. HO-81-0148

SPECIAL CONDITIONS

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



C1 0747 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A31184

DATE RECEIVED

DATE WELL COMPLETED 062883

DEPTH OF WELL 378 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0148

OWNER: United Plumbing & Heating last name: Beetz Rd. first name: TOWN: Poplar Springs SUBDIVISION: Beetz Division SECTION: LOT: 3

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Dirt, Soft Brown Shale & Schist, Hard Brown & Blue Schist, Hard Brown Shale, Hard Blue Schist, Hard Blue Schist & Opening, Blue Schist & Black Slate, Blue Schist, Graphite & Opening, Blue Schist.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 24, NO. OF POUNDS: 2256, GALLONS OF WATER: 144, DEPTH OF GROUT SEAL: 64 ft.

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE: S, Nominal diameter: 6, Total depth of main casing: 66.

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

SCREEN RECORD: screen type or open hole insert appropriate code below, SCREEN TYPE: H, O, DEPTH (nearest ft.): 66, 378.

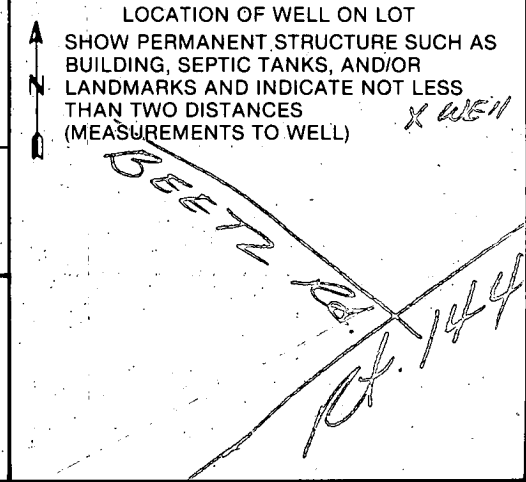
SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER): T, WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED: 6, PUMPING RATE: 33, METHOD USED TO MEASURE PUMPING RATE: Submersible, WATER LEVEL: 4, TYPE OF PUMP USED: S (submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED: S, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT: + above, LAND SURFACE: 2 (nearest foot)



- 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. 296
Ronald L. Kyker
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

Page 1 of 2
 Date June 27, 1983

Mr. Skinner
 3450 Camet House Dr.
 210933
 Review 7/8/83 OK F.S.

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0148
 Location of property (road) Beetz Rd.
 Subdivision Beetz Division Lot 3 Block Plat Sec.
 Well Driller Ronald Kyker Owner United Plumbing & Heating

Depth of well 378'
 Distance of measuring point (M.P.) above ground 2 Ft.
 Static water level (S.W.L.) below M.P. 42

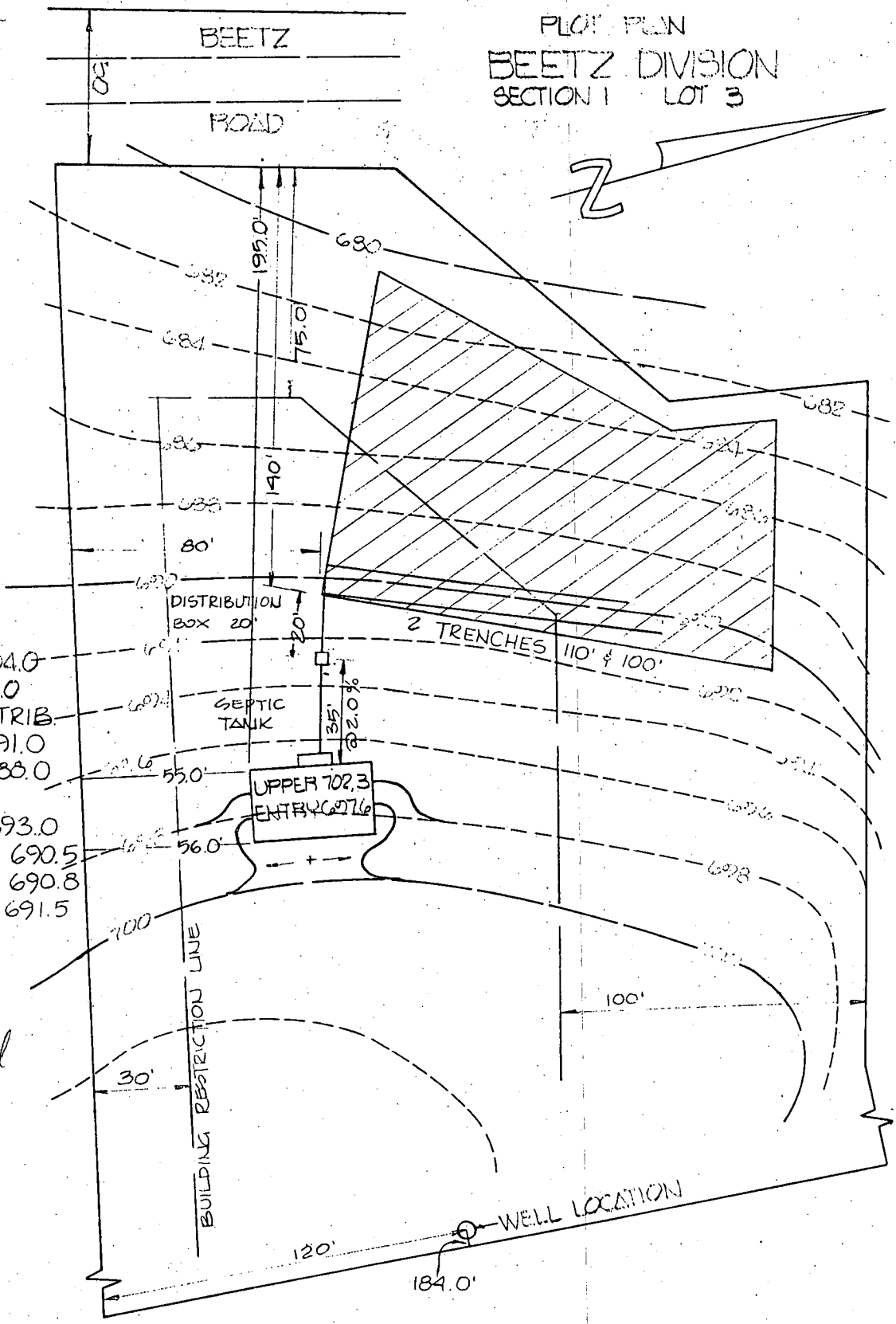
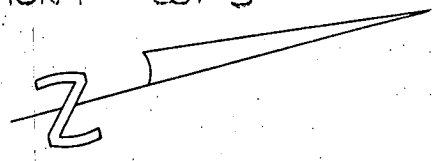
I. High rate pumping -- reservoir drawdown

Time pump started 8:21 AM Pumping rate 15
 Total time 30 mins to reach pumping water level 241 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 <u>5</u> 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:21	42	4 Sec		15
8:36	151	4 Sec		15
8:51	241	4 Sec		15
9:06	306	20Sec		3
9:21	302	20Sec		3
9:36	299	20Sec		3
9:51	296	18Sec		3.3
10:06	296	18Sec		3.3
10:21	296	18Sec		3.3
10:36	294	18Sec		3.3
10:51	293	18Sec		3.3
11:06	292	18Sec		3.3
11:21	293	18Sec		3.3
11:36	290	18Sec		3.3
11:51	289	18Sec		3.3
12:06	288	18Sec		3.3
12:21	288	18Sec		3.3
12:36	287	18Sec		3.3
12:51	286	18Sec		3.3
1:06	286	18Sec		3.3
1:21	285	18Sec		3.3
1:36	285	18Sec		3.3
1:51	284	18Sec		3.3
2:06	284	18Sec		3.3

PLOT PLAN
 BEETZ DIVISION
 SECTION 1 LOT 3



LOT 3

- LOWER LEVEL HOUSE: 694.0
- WELL - EXIST. & PROP.: 702.0
- EXIST. & PROP. GR. @ DISTRIB. BOX: 691.0
- INV. DISTRIB. BOX: 688.0
- EXIST. & PROP. GR. @ SEPTIC TANK: 693.0
- INV. ~~OUT~~ SEPTIC TANK: 690.5
- INV. ~~IN~~ SEPTIC TANK: 690.8
- INV. ~~OUT~~ HOUSE: 691.5

7/8/83
 Sketched as revised
 OK - J.S.

EVANS, HAGAN & HOLDEFER, INC. ENGINEERS, LAND PLANNERS & SURVEYORS 1052 WEST STREET / LAUREL, MD. 20707 (301) 725-0665 / 792-8086	DRAWN BY: A.F.C.	SCALE: 1" = 50'	DATE: 6-22-83
	CHECKED BY:	JOB NO. L0010	FILE NO.
	APPROVED BY:		



**DEVELOPMENT
CONSULTANTS
GROUP**

SURVEYORS, ENGINEERS & LAND PLANNERS

SUITE 102

17904 GEORGIA AVE.

OLNEY, MD 20832

924-4570

HOUSING LOCATION PLAT

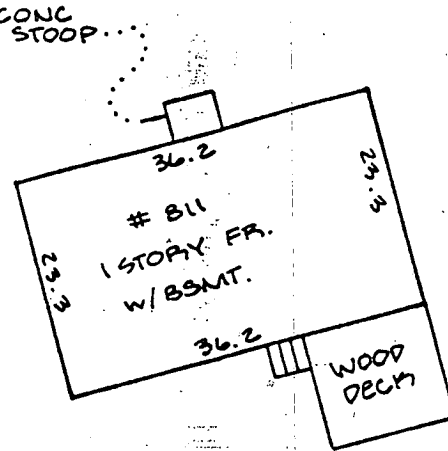
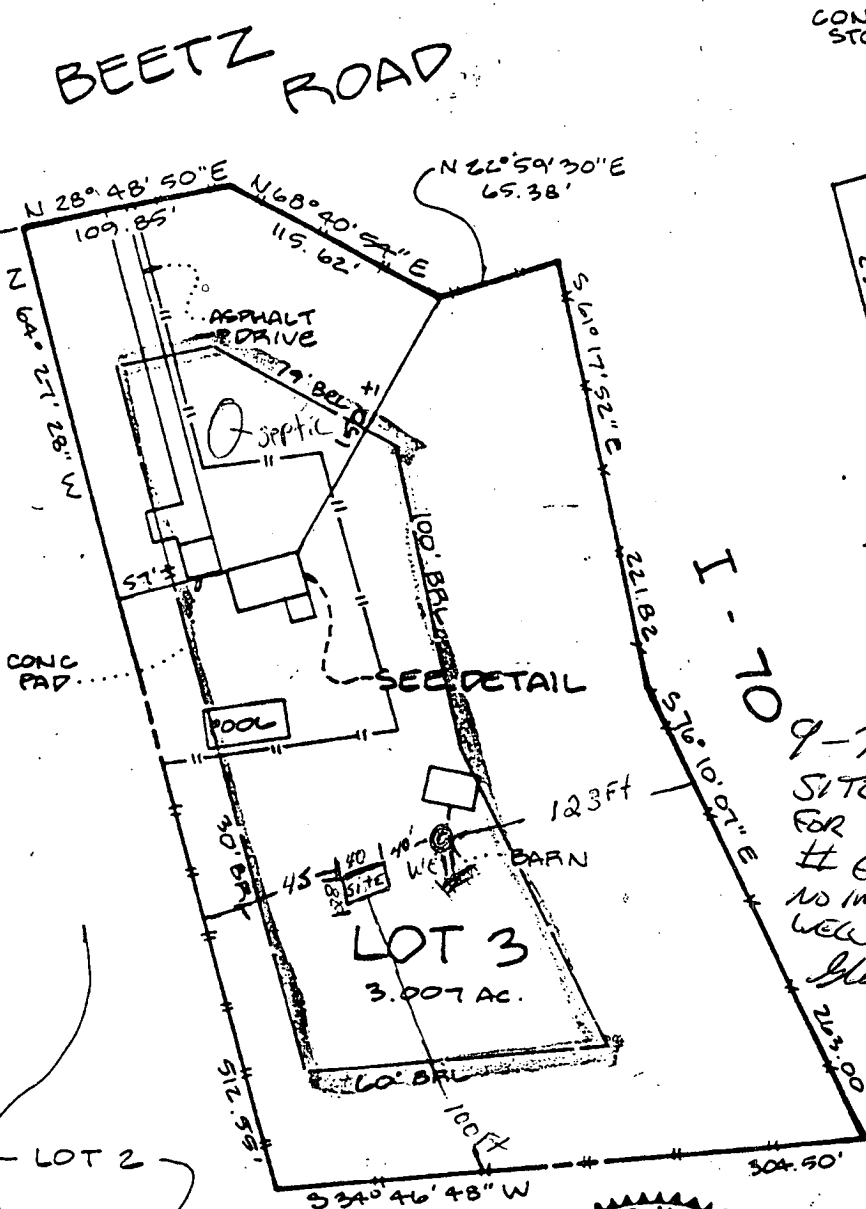
LOT?..... BLOCK

SECTION 1

BEEZ DIVISION

COUNTY OF HOWARD PLAT BK PLAT NO. 5021

BEEZ ROAD



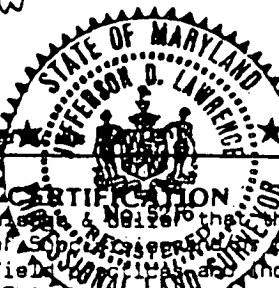
DETAIL

SCALE: 1" = 20'

9-7-95
 SITE INSPECTION
 FOR BUILDING PERMIT
 # 62463
 NO IMPACT TO
 WELL OR SEPTIC
 G. Lawrence

PLAN

SCALE: 1" = 100'



NOTE: Existence of property corners not guaranteed

Not in flood plain per existing records unless otherwise noted.

SURVEYOR'S CERTIFICATION

I hereby certify to the best of my knowledge and belief that the property delineated hereon is in accordance with the Plat of 50p. of record, that the improvements were located by accepted field methods and include permanent visible structures and encroachments, if any. This plan is not to be used for determining property lines, but prepared for exclusive use of present owners of property and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this Plat. No title report furnished.

Job No. 217-10

Scale AS SHOWN

DATES

Wall Ck:

Final Loc: 8-1-89