

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 6th

DATE 6/21/82

INDEX

P 31984

A 31970

Paul Schissler - South Carroll Backhoe Service

IS PERMITTED TO INSTALL ☒ ALTER

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

SUBDIVISION ROAD 7555 Route 29 LOT Parcel D

PROPERTY OWNER Jean Welker

ADDRESS 9270 Adelphi Road, Adelphi, Maryland Phone: 434-1928

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

DRY WELL
AND
TRENCH

SEEPAGE PITS ☒ ABSORBENT SIDE-WALL AREA 125 SQ. FT. per bedroom

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 9 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 100 FT. FROM house ~~LOT LINE~~ AND 80 FT. FROM ~~LOT LINE AS SEEN WHEN~~

~~XXXXXXXXXXXX~~ old test hole #3.

Add a trench off dry well to make necessary additional absorbent area after a 5 ft. earth buffer. Ditch is to be 9 ft. deep below original grade, with inlet at 3 1/2 ft. below original grade and filled with 5 1/2 ft. of stone. Run ditch on level ground toward original test hole #3 which ~~is~~ is located 130 ft. from the back lot line and 135 ft. from the left lot line as seen when facing the lot from the back lot line. The back lot line is considered to be the ~~242.83 ft. long lot line~~ 242.83 ft. long lot line and runs S26° 45' 47"E.

PLANS APPROVED BY Raymond Hodges and Craig Williams

DATE 6/18/82

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.

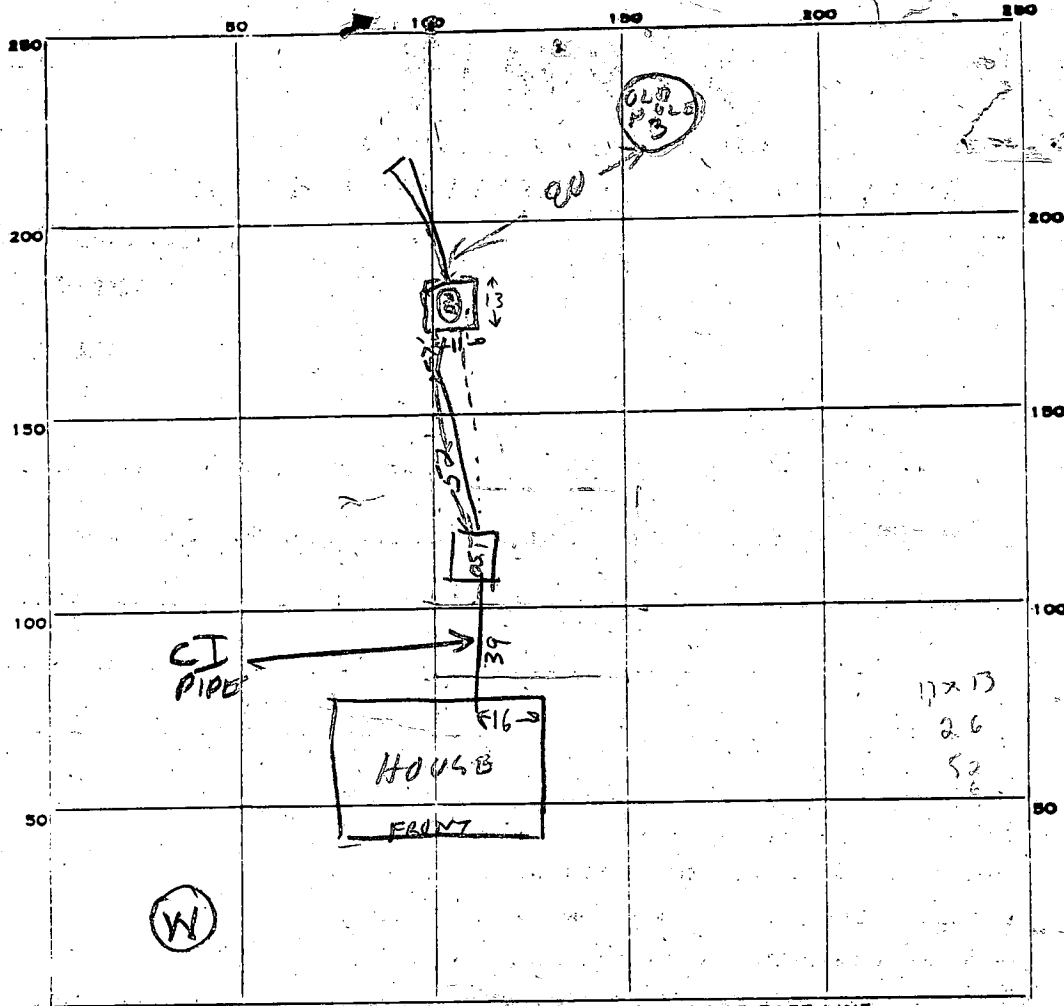
NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

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.



PERMIT CARD 1 Second final OK F.S.

SEPTIC TANK, LEVEL OK 1500 TOP
~~TO TOP OF GROUND BUT TO BE~~

CLEANOUTS COVERED

ST | DW
 10/27/82 | NO 10/27/82
 VOR 10/28

~~DISTRIBUTION BOX LEVEL~~

TILE FIELD, DEPTH 9 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 IN. TOTAL LENGTH 50 FT.

NUMBER OF TRENCHES 1

ONE SIDE TOTAL BOTTOM AREA 300 sq. ft.

SEEPAGE PITS, ~~OUTSIDE DIAMETER~~ 48 FT. DEPTH BELOW INLET 6-6 1/2 FT.

ABSORBENT AREA ± 588 SQ. FT.

REMARKS 10/27/82 LOCATION OK PER PLANS ADD STONE
TO P/FLC/DIG DRY WELL 10/27/82 - DRY WELL
HOLE DUG 9 FT DEEP B.O.G., FINISH DW., DITCH &
COVER HOUSE SEWER & CALL RH
10/28/82 O.K. to cover all work F.S.

DATE SYSTEM APPROVED 10/28/82

INSPECTOR F. Skinn

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 CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 31970
P _____

DISTRICT 6th

DATE June 9, 1982

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 Jean Welker

ADDRESS 9270 Adelphi Road, Adelphi, Md. PHONE _____

PROPERTY LOCATION:

SUBDIVISION A. H. Young, Jr., Property LOT NO. Parcel "d"

ROAD AND DESCRIPTION 7555 Route 29

SIZE OF LOT 6.21 acres TYPE BLDG. 3 or 4 Bedrooms
(NUMBER OF 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. I ALSO AGREE TO COMPLY
WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

James W. May
(SIGNATURE OF APPLICANT)

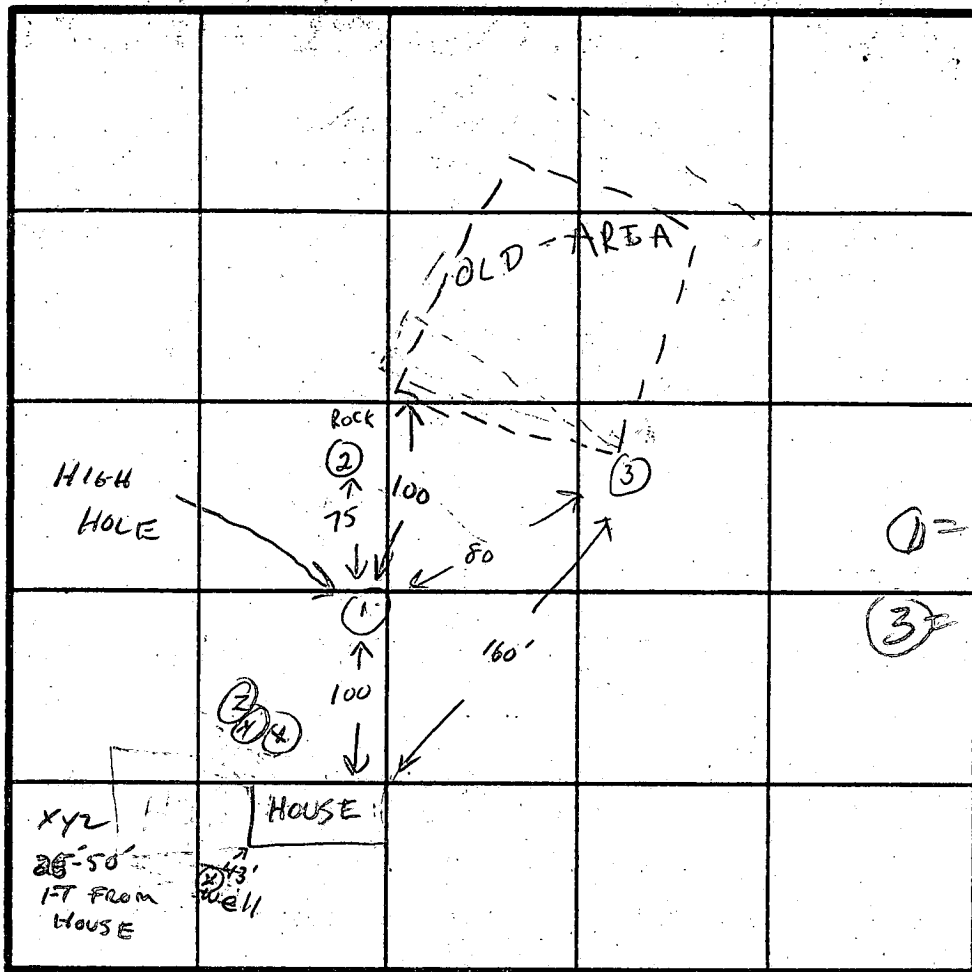
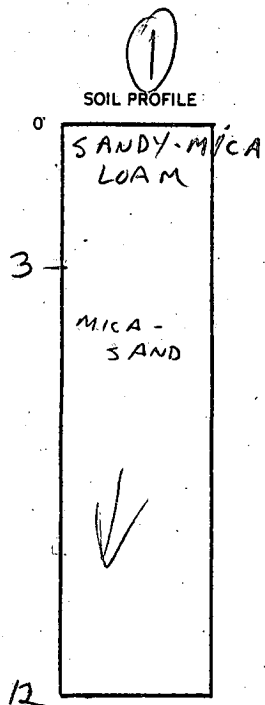
APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

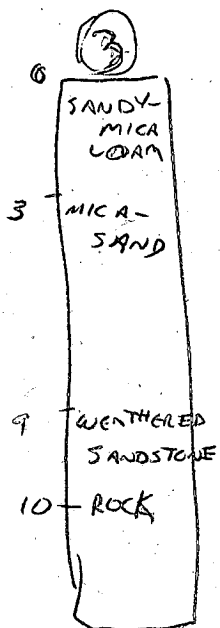


HOLE ELEV

① = HIGHEST

③ = HIGH

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-18	1 A	3 1/2'	10:31:36	10:36:06	10:36:06	10:43	7 min
	1 B	8' VISUAL					
	1 C	12' VISUAL					
	2 SAND / ROCK AT 5' - ABANDONED						
	3 A	3'	11:09:40	11:15:50	11:15:50	11:22:50	7 min
	B	8' VISUAL					
	C	10' VISUAL SANDSTONE					
7/18	X, Y, Z	VISUAL - ROCK AT 4-5'					

REMARKS NEW AREA BACKS INTO OLD AREA FOR REPAIRS

TYPE OF SOIL MICA-SAND-LOAM

TESTED BY CW & RH

PAUL SCHISLER & KENNY

ALSO PRESENT

PRELIMINARY

APPLICATION

A 18248

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: 465-5000, EXT. 356

DISTRICT 6

DATE Mar. 27, 1973

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 A. H. Young, Jr., Inc.

ADDRESS 17928 Pond Road, Ashton, Maryland PHONE (301) 774-7033

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. Parcel "D"

ROAD AND DESCRIPTION East side of Old Columbia Road (Route #29), .4 mi. north
of Johns Hopkins Road.

SIZE OF LOT 6.21 acres TYPE BLDG. 4 bedroom house
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 BV A. H. Young Jr Inc

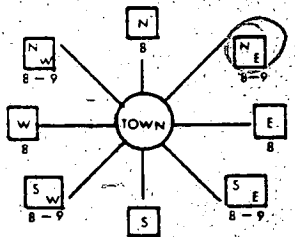
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

B 1	7226	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL fill in this form completely	OEP PERMIT NUMBER HO-73-4167
THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CAPS pump test to begin between 8:00 + 8:30 A.M.				
Date Received 5/11/82		LOCATION OF WELL COUNTY <u>Howard</u> SUBDIVISION <u>A.H. Young Tr. Inc.</u> SECTION <u>23</u> LOT <u>D</u> NEAREST TOWN <u>SCAGGSVILLE</u> MILES FROM TOWN (enter 0 if in town) <u>2</u>		
OWNER INFORMATION Last Name 15 <u>MELKER</u> Owner <u>TEAM</u> 34 Name 9270 <u>ADELPHI</u> RD. 55 ADELPHI Md. 76 Zip		B 3 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 		
B 1 Continued Driller's Name <u>George J. Saterday</u> 77 License No. 80 <u>40</u> Firm Name <u>Franklin Enterprises Inc.</u> Address <u>9265 Brown Church Rd.</u> City <u>Adelphi, Md</u> 21771 Date <u>5/5/82</u> Signature <u>George J. Saterday</u>		B 4 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH ☐ WEST ☐ EAST ☒ SOUTH ☐ NEAR WHAT ROAD <u>Rt 29</u> DISTANCE FROM ROAD <u>1600</u> (CIRCLE APPROPRIATE BOX)		
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>6</u> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u>		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 E <u>8303</u> N <u>4805</u>		
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 <u>200</u> FEET APPROXIMATE DIAMETER OF WELL <u>6</u> 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 ☐ other _____				
REPLACEMENT OR DEEPEENED 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 DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41 _____				
Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER <u>54</u> <u>GAP</u> <u>63</u> FORCE <u>ES</u> WRITE INITIALS IN BOX PERMIT NO. <u>HO-73-4167</u> SPECIAL CONDITIONS 8-63				
B 5 HEALTH				

C1 3163	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. 36 ON ALL CARDS)		COUNTY NUMBER A 18248	

Date Received (OEP use only)	DATE WELL COMPLETED 5 7 12	Depth of Well 300 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-73-4167
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OWNER last name Welker first name John	STREET OR RFD Mid Rte. 29	TOWN Seagoville
SUBDIVISION A. H. Young Prop	SECTION	LOT Parcel D

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 FROM TO	Check if water bearing
TOP SOIL	0 2	
SHALE	2 10	
MICA	10 50	
SAND STONE	50 55	✓
MICA	55 165	
FLINT	165 170	✓
MICA	170 300	

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC	
NO. OF BAGS 6 NO. OF POUNDS 600	
GALLONS OF WATER 30	
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 19 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 ST 6 21	
Nominal diameter top(main) casing (nearest inch)	
Total depth of main casing (nearest foot)	
OTHER CASING (if used) diameter inch depth (feet) from to	
SCREEN RECORD screen type or open hole insert appropriate code below	
STEEL ST BRASS BR OPEN HOLE HO	
BRONZE PL OTHER OT	
C2 HO 19 300	
DEPTH (nearest ft.)	
EACH SCREEN	
SLOT SIZE	
DIAMETER OF SCREEN (NEAREST INCH)	
GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F	
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T (E.R.O.S.)	
W Q	
TELESCOPE CASING	
LOG INDICATOR	
OTHER DATA	

C 3	(Seq. no.)
PUMPING TEST	
HOURS PUMPED (nearest hour)	6
PUMPING RATE (gal. per min. to nearest gal.)	1
METHOD USED TO MEASURE PUMPING RATE	BUCKET
WATER LEVEL (distance from land surface)	
BEFORE PUMPING	51
WHEN PUMPING	215
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 Y NO N
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)	31
PUMP HORSE POWER	37
PUMP COLUMN LENGTH (nearest ft.)	43
CASING HEIGHT (circle appropriate box and enter casing height)	
+ above	2 (nearest foot)
- below	

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 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. 40	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)	

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)	
WELL	
1600	
500	
RIGHT LOT LINE	

Page 1 of 1
Date 5/11/82

Review _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 73-4167
Location of property (road) MT. RTE 29
Subdivision A. H. Young property Lot D Block _____ Plat _____ Sec. _____
Well Driller _____ Owner Jean Welker

Depth of well 300
Distance of measuring point (M.P.) above ground 3'
Static water level (S.W.L.) below M.P. 51

I. High rate pumping -- reservoir drawdown

Time pump started 9⁰⁰ Pumping rate 10
Total time 4 hr. to reach pumping water level 215 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9 ⁰⁰	51	30		10
9 ¹⁵	118	30		10
9 ³⁰	142	35		8
9 ⁴⁵	171	35		8
10 ⁰⁰	180	50		6
10 ¹⁵	190	50		6
10 ³⁰	194	75		4
10 ⁴⁵	198	75		4
11 ⁰⁰	201	100		3
11 ¹⁵	204	100		3
11 ³⁰	206	100		3
11 ⁴⁵	208	100		3
12 ⁰⁰	210	100		3
12 ¹⁵	211	150		2
12 ³⁰	211	150		2
12 ⁴⁵	214	150		2
1 ⁰⁰	215	300		1
1 ¹⁵	215	300		1
1 ³⁰	215	300		1
1 ⁴⁵	215	300		1
2 ⁰⁰	215	300		1
2 ¹⁵	215	300		1
2 ³⁰	215	300		1
2 ⁴⁵	215	300		1
3 ⁰⁰	215	300		1

Welker Parcel D - attachment to grading plan -

Water Well elevation	330'
Septic tank surface elevation	325'
Dry well surface elevation	322'
House invert elevation	326 323.4'
Septic tank invert elevation	323'
First Floor elevation	330'
Basement slab elevation	321'
Dry well invert location	318'

5/26/82
Sketch & elevation
O.R.
J.S.

No change in grade -

I certify these elevations are actual and correct.

James W. May

442-1160

P.L. REPETT

330/364

STATE ROAD S 37° 28' 00" W

200.0

EL. PARSONS
350/129

PARCEL "D"

5,000 AC

+ 1.21 AC

TOT = 6,211 AC

GRAND PARSONS

P. 313

30' ACCESS & UTILITY
EASEMENT

S 09° 30' 30" W

264.00

S 21° 30' W

70.00

S 50° 38' 00" W

108.03

S 52° 00' W

221.34

DEEP WELL

IMPROVED
HOUSE

100' RIGHTS

TRUCK

10,000

PROPERTY

DEEP WELLS & UTILITY TAC

DEEP WELL

100' RIGHTS

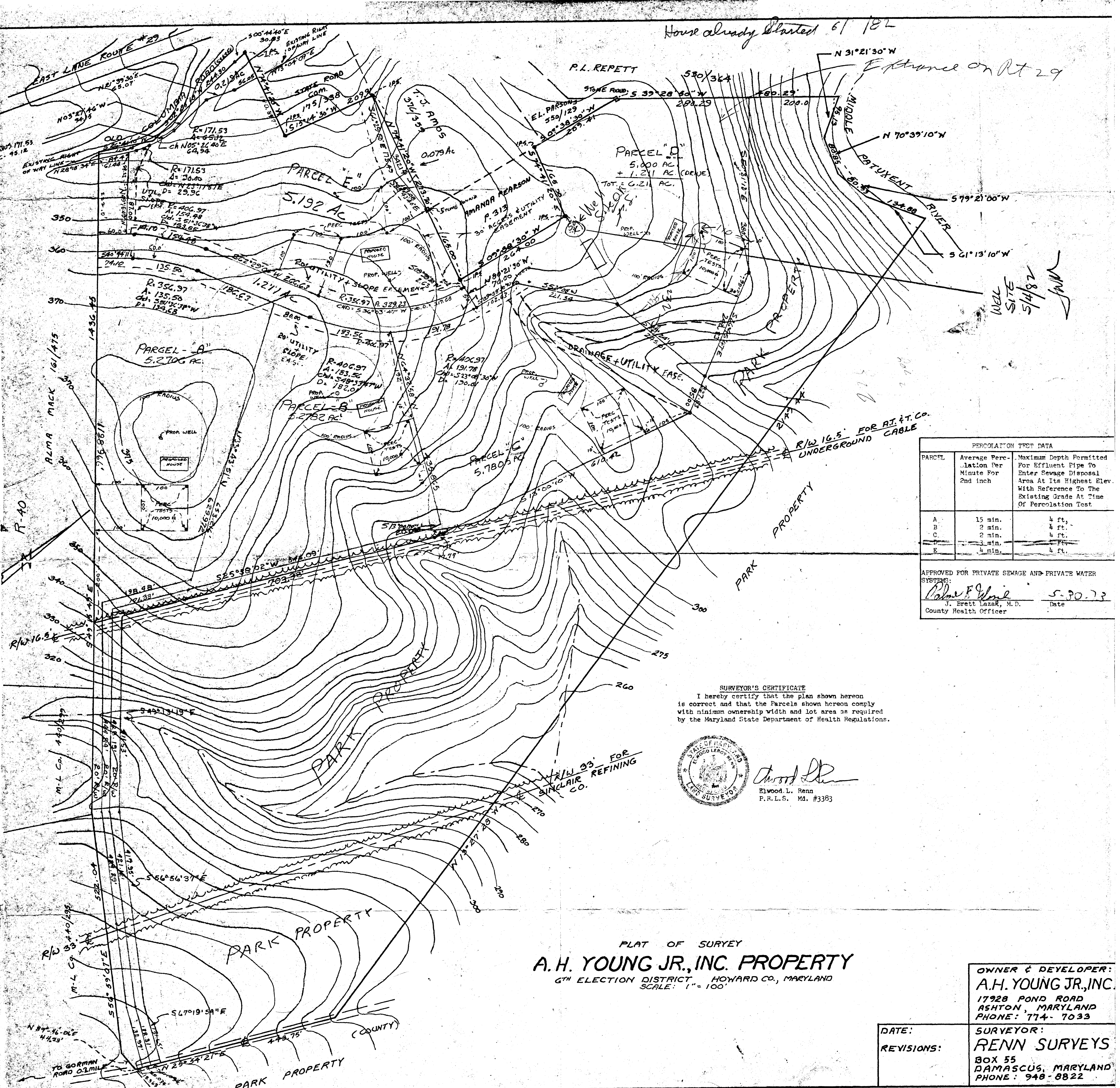
PARCEL "C"
5,780 AC

612.42

S 15° 00' 00" W

PROPERTY

House already started 6/1/82



WELL
SITE
5/4/82
JUN

PERCOLATION TEST DATA		
PARCEL	Average Percolation Per Minute For 2nd inch	Maximum Depth Permitted For Effluent Pipe To Enter Sewage Disposal Area At Its Highest Elevation With Reference To The Existing Grade At Time Of Percolation Test
A	15 min.	4 ft.
B	2 min.	4 ft.
C	2 min.	4 ft.
D	3 min.	4 ft.
E	4 min.	4 ft.

APPROVED FOR PRIVATE SEWAGE AND PRIVATE WATER SYSTEMS:
John F. Young 5-30-73
J. Brett Lazar, M.D. Date
County Health Officer

SURVEYOR'S CERTIFICATE
I hereby certify that the plan shown hereon is correct and that the Parcels shown hereon comply with minimum ownership width and lot area as required by the Maryland State Department of Health Regulations.



Elwood L. Renn
Elwood L. Renn
P.R.L.S. Md. #3383

PLAT OF SURVEY
A.H. YOUNG JR., INC. PROPERTY
6TH ELECTION DISTRICT, HOWARD CO., MARYLAND
SCALE: 1" = 100'

OWNER & DEVELOPER:
A.H. YOUNG JR., INC.
17928 POND ROAD
ASHTON, MARYLAND
PHONE: 774-7033

SURVEYOR:
RENN SURVEYS
BOX 55
DAMASCUS, MARYLAND
PHONE: 948-8822

DATE:
REVISIONS: