

3/20/89
10:15 AM
Important
7/27/89

12:00
7/28/89
10:30 AM
Not ready
Rev
12:00
1:15
File

7/28/89 (2) P.C.O.
C.88

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 43801
A 25154
DISTRICT 5th
DATE 3/15/89
DATE SYSTEM APPROVED 7/28/89
INSPECTOR C. B. W.

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

05-384982
INDEXED

Oskar Schulz, Inc. IS PERMITTED TO INSTALL ALTER
ADDRESS 6610 Blackwatch Lane, Highland, Maryland 20777 PHONE _____
SUBDIVISION Allnut Farms Estates ROAD 6313 Isle of Sky LOT 38, Section 4
PROPERTY OWNER Oskar Schulz
ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 244 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet ^{wide} 1 Inlet
3 feet below original grade. Bottom maximum depth 6.0 feet below original
grade. Effective area begins at 3 feet below original grade. 3 feet of stone
below distribution pipe.

LOCATION - Place the first trench 140 feet up the left (397.01') lot line and 15 feet off
the same lot line as seen when facing the lot from Isle of Sky Drive. Run
trenches on contour toward the right lot lines.

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

OK TO INSTALL Two Trenches 8' DEEP WITH 5' STONE - 100' EACH RA/CW

PLANS APPROVED BY Sid Abel DATE 3/29/88

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 25154

APPLICATION

A 25154

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 Fifth

DATE 9/9/76

Is WPI at top of form?

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 Mr. and Mrs. Smith W. Allnut OSKAR SCHULZ
13288 Highland Road
ADDRESS Highland, MD 20777 PHONE 988-9303

PROPERTY LOCATION:
SUBDIVISION Hi-Land Farm Estates Allnut Fms. LOT NO. 77 38 sec 4
ROAD AND DESCRIPTION Road "B" 6313 Isle of Sky

SIZE OF LOT 1.56 Ac TYPE BLDG. 3 or 4 bedroom
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/ Margaret G. Allnut

APPROVED BY DJO'Kevin FOR As Term DATE 9/1/77
(KIND OF SYSTEM)

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

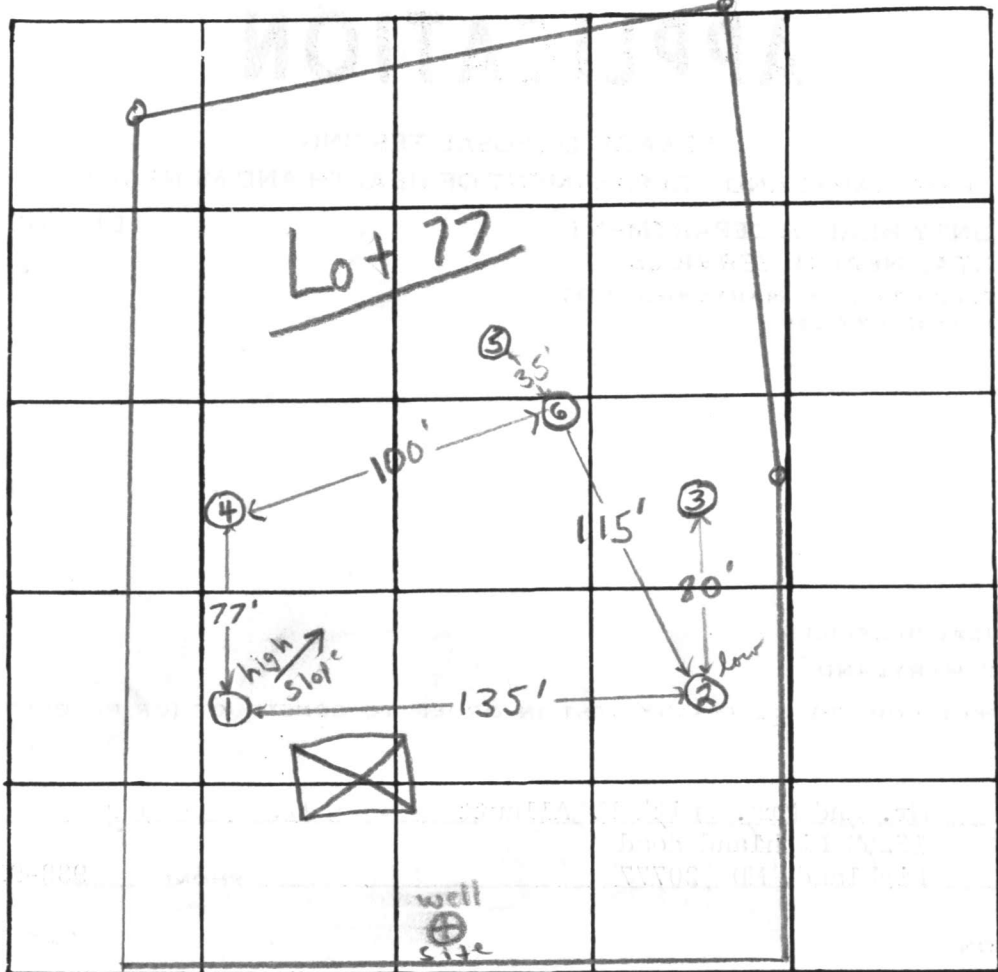
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BEDG. PERMIT SIGNED
AND RETURNED 11/4/88

BP 22300
SKL

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/31/77	1 high	4 1/2'	10:38	10:40	10:40	10:43	3 min	
	1A	12'	10:37	10:45	10:45	10:56	11 min	
	2	6'	11:08	11:17	11:17	11:41	24 min	
	2A	13 1/2'	11:01	11:09	11:09	11:29	20 min	
	3	6'	11:43		pulled peg 12:14 1/2" drop		Fails	
	3A	14'	11:43	12:03	pulled peg 12:14 1/2" drop		Fails	
	4	12'	Clayey to 4'; Sandy loam below					
	5	7'	Clayey to 4 1/2'; Sandy loam below					
	6	5 1/2'	1:26	1:30	1:30	1:38	8 min	
	6A	13 1/2'	1:26	1:30	1:30	1:38	8 min	

REMARKS

TYPE OF SOIL

clayey to 4-5'; sandy loam below

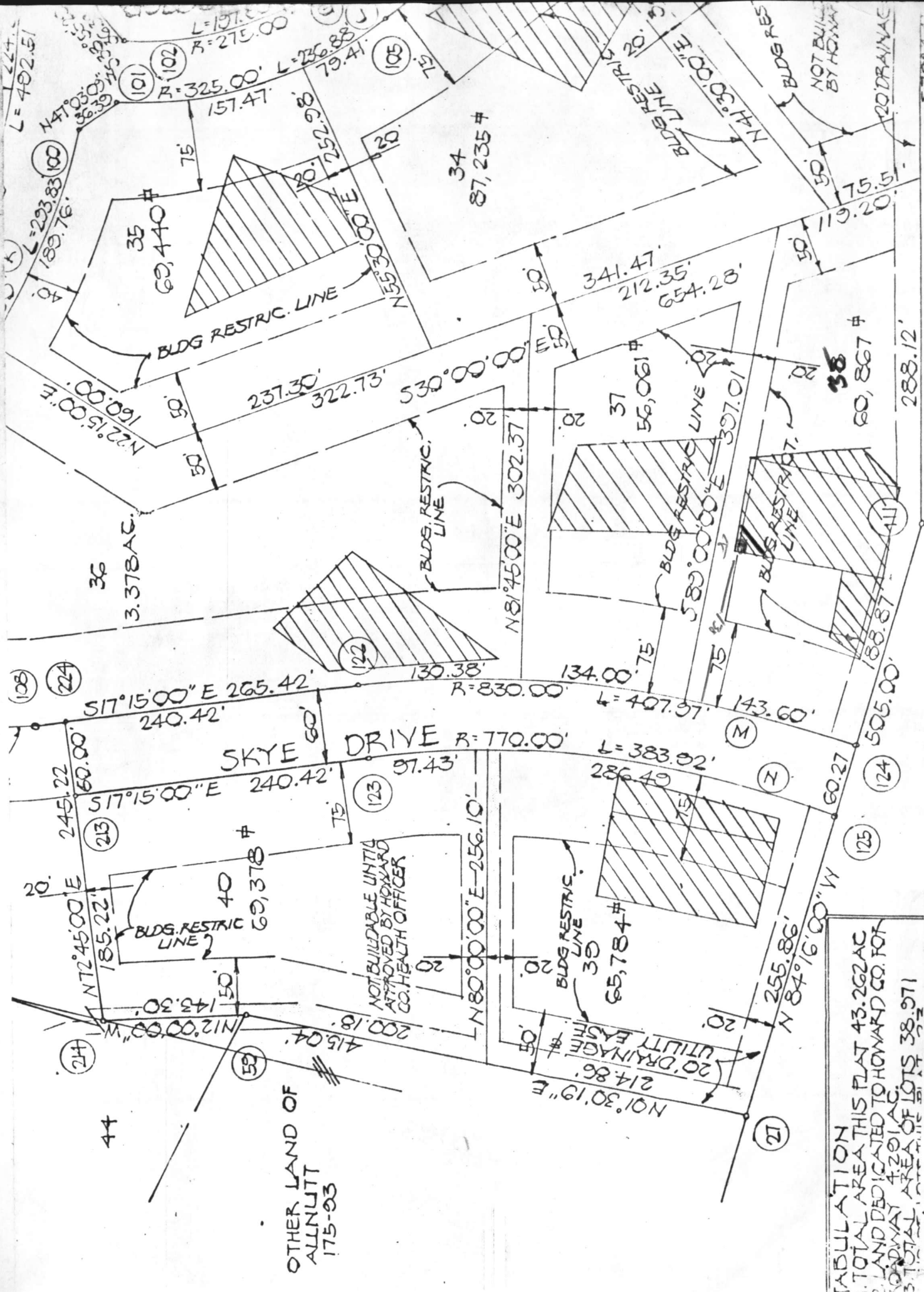
TESTED BY

F.S.

ALSO PRESENT:

O. Ketterman II & III, Mr. & Mrs. Allnut

RECORDED AS PLAT # AMONGS
 PARTS OF HOWARD



NOT BUILDABLE UNTIL
 APPROVED BY HOWARD
 CO. HEALTH OFFICER

OTHER LAND OF
 ALLNUTT
 175-93

TABULATION
 1. TOTAL AREA THIS PLAT 43.262AC
 2. LAND DEDICATED TO HOWARD CO. FOR
 ROADWAY 4.201AC
 3. TOTAL AREA OF LOTS 38.971

C1 7778 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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 25154

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 51988

22 26 250 (TO NEAREST FOOT)

28 37 40-81-2697

OWNER SCHULZ OSKAR first name TOWN HIGHLAND
STREET OR RFD ISLE OF SKYE
SUBDIVISION ALLNUT FARM II SECTION LOT 38

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes handwritten entries: rolling ground gravel, brown schist water, gray schist water, gray schist water, gray schist water.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 25, NO. OF POUNDS 2400, GALLONS OF WATER 150, DEPTH OF GROUT SEAL 4.3 ft.

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE ST, Nominal diameter 4.2, Total depth 70.

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

SCREEN RECORD: screen type or open hole insert appropriate code below (ST, BR, HO, PL, OT)

DEPTH (nearest ft.) table with handwritten values: 4.2, 250. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH) 56, 60.

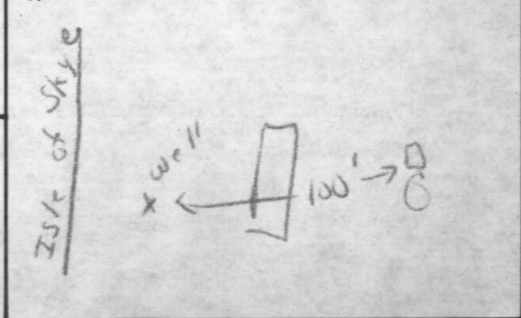
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), WQ (74, 75, 76), TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: C 3, HOURS PUMPED 8, PUMPING RATE 3.5 gal. per min., MEASURE PUMPING RATE watch bucket, WATER LEVEL 2.2, WHEN PUMPING 2.14, TYPE OF PUMP USED (for test) 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 IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (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)



CIRCLE APPROPRIATE LETTER 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. 353, DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION), SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

SECTION
 NO. 1000
 DATE
 TIME

WELL NO. 1000
 LOCATION
 DEPTH
 DIRECTION OF WATER
 CHARACTER OF WATER
 TEMPERATURE
 ANALYSIS

ANALYSIS
 PHOSPHORUS
 NITROGEN
 CHLORINE
 IRON
 COPPER
 ZINC
 MANGANESE
 SILICA
 SOLIDS

COMMENTS
 DATE
 TIME
 ANALYST

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
ELICOTT CITY, MD.
May 23 10 29 AM '88

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
May 23 3 45 PM '88

DIVISION OF
 ENVIRONMENTAL
 HEALTH

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2697
 Location of property (road) ISLE OF SKYE
 Subdivision ALLWITT FARMS IV Lot 38 Block Plat Sec.
 Well Driller WM. REICHA Owner OSKAR SCHULZ

Depth of well 250'
 Distance of measuring point (M.P.) above ground surface
 Static water level (S.W.L.) below M.P. 22

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 10 gpm
 Total time 1 1/2 hrs to reach pumping water level 214 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)
7:30	22'	30 sec		10
7:45	67'	30 sec		10
8:00	114'	37.5 sec		8
8:15	150'	42.5 sec		7
8:30	176'	46 sec		6 1/2
8:45	203'	50 sec		6
9:00	214'	50 sec		6
9:15	214'	85 sec		3 1/2
9:30				
9:45				
10:00				
10:15				
10:30				
10:45				
11:00				
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1:15				
1:30				
1:45				
2:00				
2:15				
2:30				
2:45				
3:00	v	v		v
3:15	214'	85 sec		3 1/2

C1 0861 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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 20261

DATE RECEIVED

DATE WELL COMPLETED 120613

DEPTH OF WELL 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-0341

OWNER Oskar Schultz Inc last name Prestwick Drive first name TOWN Clarksville SUBDIVISION Highland Lake SECTION 2 LOT 66

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows: rolling ground, schist, water, schist.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 19 NO. OF POUNDS 1824 GALLONS OF WATER 133 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 30 ft.

CASING RECORD casing types insert appropriate code below STEEL ST CONCRETE CO PLASTIC PL OTHER OT

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 86

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 BRONZE PL PLASTIC HO OPEN HOLE OT OTHER

DEPTH (nearest ft.) 40 86 300 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

PUMPING TEST HOURS PUMPED (nearest hour) 7.5 PUMPING RATE (gal. per min. to nearest gal.) 11.5 METHOD USED TO MEASURE PUMPING RATE watch & bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 35 WHEN PUMPING 27.5 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: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

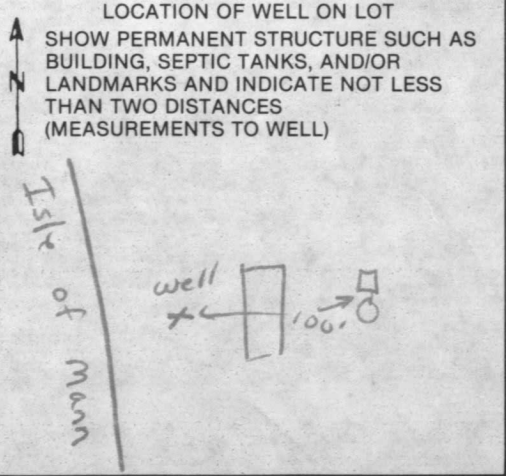
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 064 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Robert W. Keubert

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

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

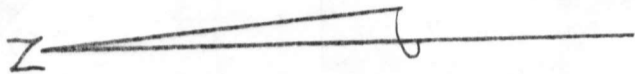
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ OTHER DATA TELESCOPE CASING LOG INDICATOR



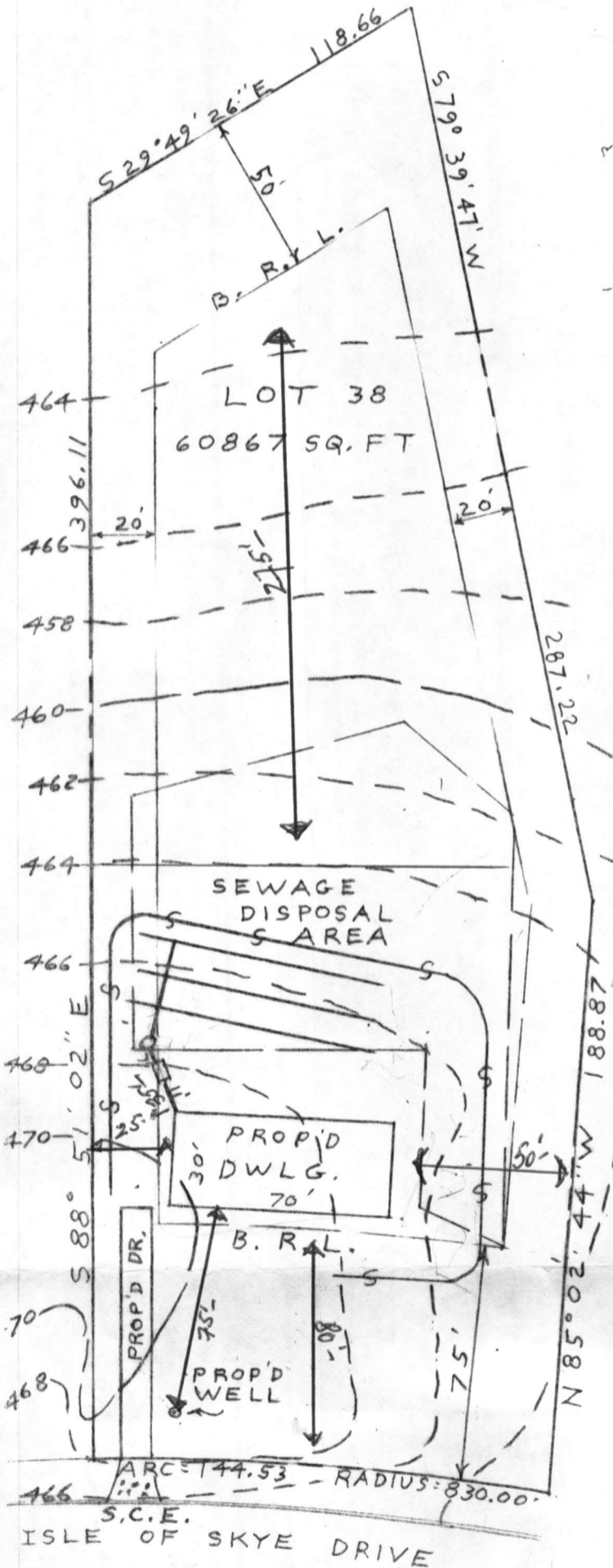
William E. Doyle

LAND SURVEYOR 8440

5312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210



SEDIMENT CONTROL MEASURES
~~SS~~ DENOTES SILT FENCE.
 S.C.E. DENOTES STABILIZED
 CONSTRUCTION ENTRANCE.



BLDG. PERMIT SIGNED
 AND RETURNED 11/4/88

BP 22300
 SML

FIELD RUN TOPOGRAPHY

PLOT PLAN

LOT 38 ISLE OF SKYE DRIVE
 SEC. 4, ALLNUTT FARMS ESTATES
 PLAT NO. 4622
 ELECTION DISTRICT 5
 HOWARD COUNTY MD.

SCALE: 1" = 50'

DRAWN: APRIL 4, 1988

EXIST, GRN. AT DISTR. BOX	467.60	✓
INV. IN DISTR. BOX	463.60	✓
INV. OUT OF SEPTIC TANK	463.74	✓
INV. INTO SEPTIC TANK	464.10	✓
INV. OUT OF DWELLING	464.32	✓
FIRST FLOOR ELEV.	473.50	✓
CELLAR ELEV.	464.00	✓
WELL ELEV.	469.00	✓
NO. OF BEDROOMS	3	✓
ACREAGE	60,867 SQ. FT.	

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

signed William E. Doyle

