

05-383534

APPROVED

4/12/85

RH

P 35226

A 24064

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

ELLICOTT CITY

DISTRICT 5th

DATE 4/2/85

INDEXED

Paul Schissler

IS PERMITTED TO INSTALL  ALTER

ADDRESS 4410 Salembottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Highland Lakes ROAD 6586 Castlebay Court LOT 68

PROPERTY OWNER United General Contractors  
8370 Court Avenue

ADDRESS Ellicott City, Maryland 21043

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

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4½ feet below original grade. Bottom maximum depth 9½ feet below original grade. Effective area begins at 4½ feet below original grade. 5 feet of stone below distribution pipe. LOCATION: Start the trench at perc hole (1), (2) which is located 90 feet from the front lot line and 30 feet from the left side of the lot as seen when facing the lot from Castlebay Court. Run the trench toward the right side of the lot as seen when facing the lot from Castlebay Court.

NOTE: No Trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

12  
67  
2/14/85

FF CHANGED LOCATION TO 65 FT FROM THE FRONT LOT LINE

PLANS APPROVED BY Raymond Hodges DATE 4/01/85

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.

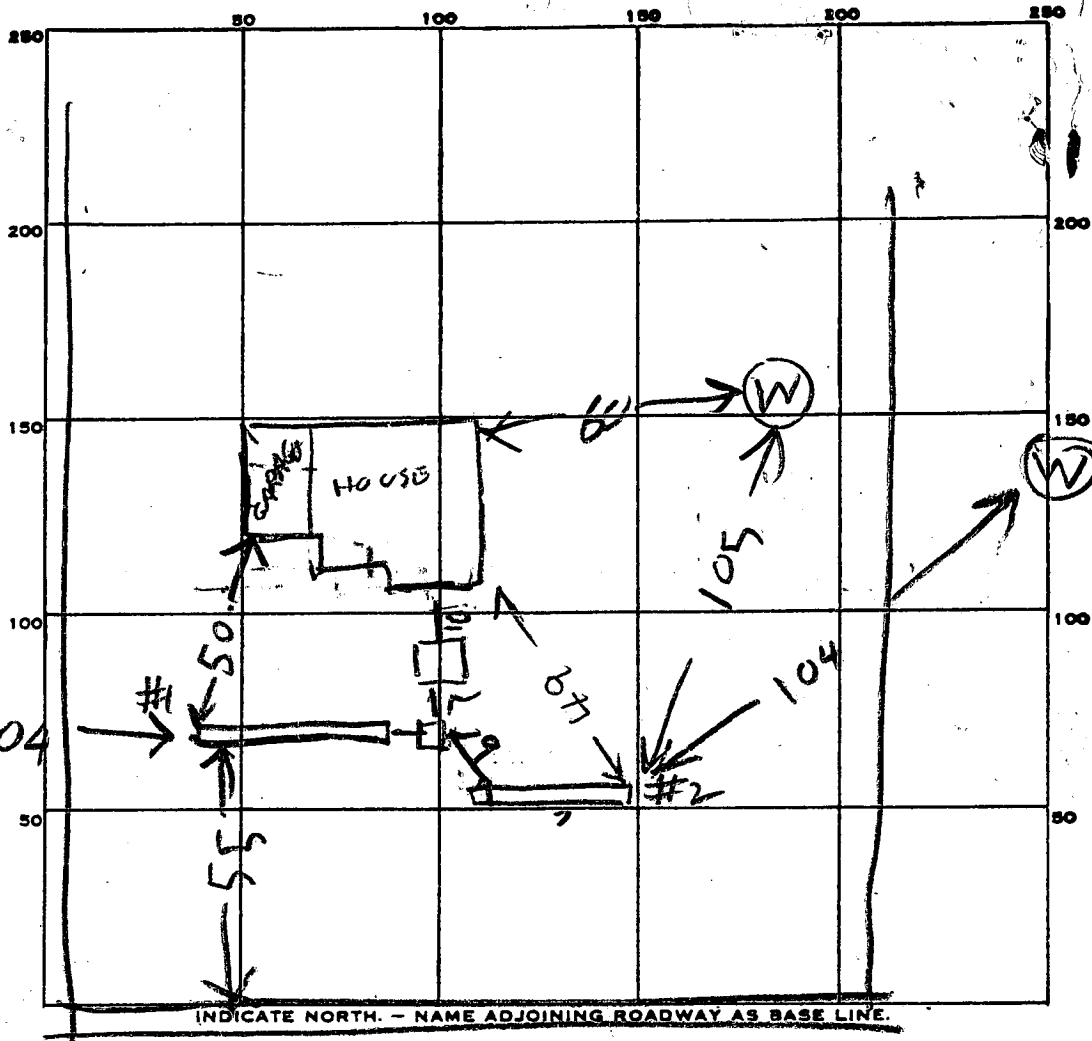
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 24064



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL OK 1000

CLEANOUTS OK

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 

#1	#2
10	9 1/2

 FT. TRENCH WIDTH 

#1	#2
2	2

 FT.

GRAVEL DEPTH 

#1	#2
5.5	5

 IN. TOTAL LENGTH 

#1	#2
55	39

 FT.

TOTAL  
497 (474 REQUIRED)

NUMBER OF TRENCHES \_\_\_\_\_ TOTAL BOTTOM AREA \_\_\_\_\_

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 4/11/85 1 PM ADD STONE TO TRENCHES & LENGTHEN #2

4/11/85 4 PM - STONE ADDED & JOB FINISHED

DATE SYSTEM APPROVED 4/11/85 INSPECTOR Raymond Hodges

# APPLICATION

A 24064

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 9/15/76

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. Walter Bucher

ADDRESS Highland Partnership  
8777 First Avenue  
Silver Spring, MD 20901 PHONE (8)-588-3100

PROPERTY LOCATION:

SUBDIVISION Highland Lake LOT NO. 12323

ROAD AND DESCRIPTION Castlebay Lane

SIZE OF LOT one acre m/l 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/ Mr. Walter Bucher

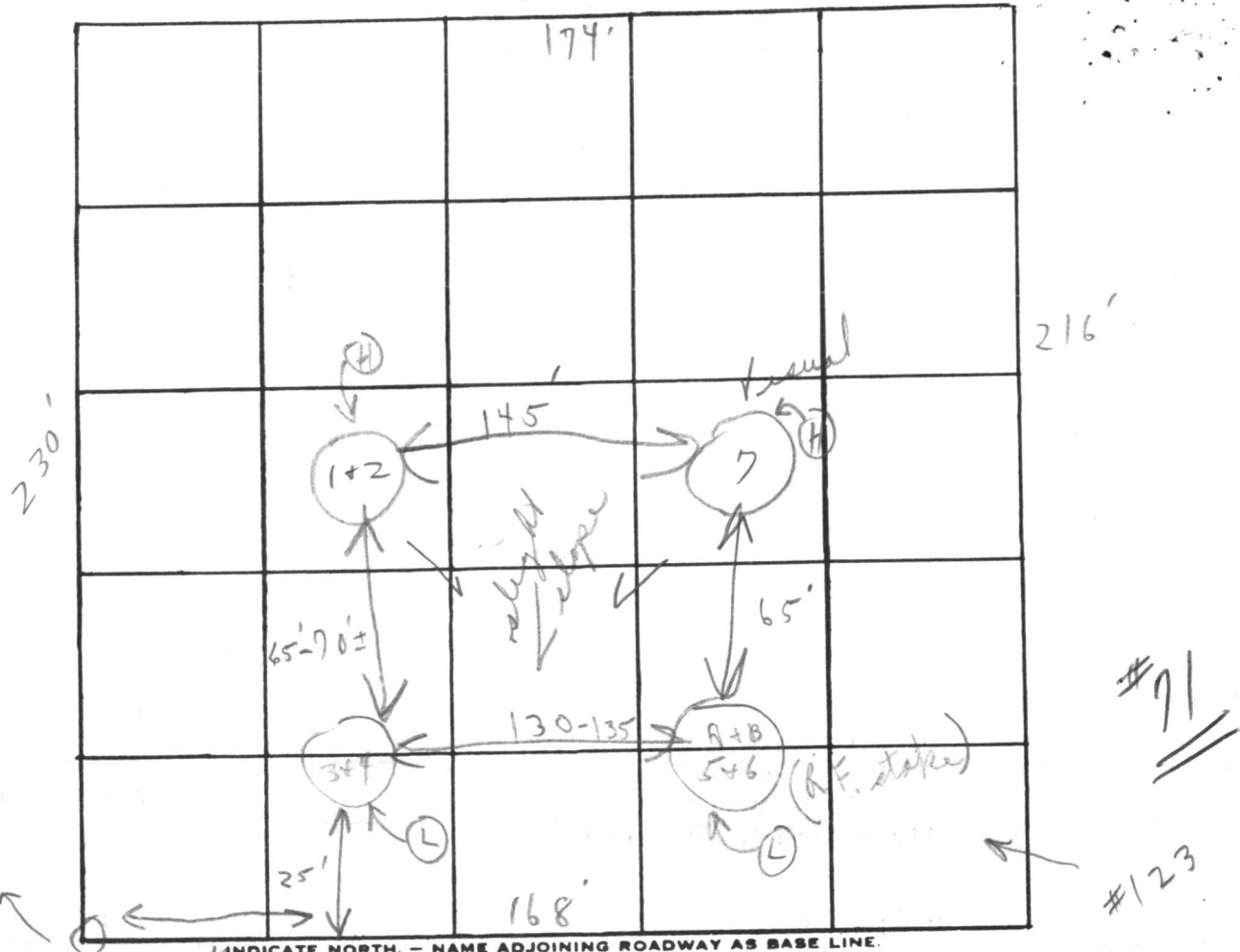
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT



Soil Profile  
 1-5' clay  
 ↓ 8' loam  
 1-6' clay  
 ↓ 7 1/2' loam  
 1-4' clay  
 ↓ 9' loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/10/26	1	5' s	11:39	11:41	11:41	11:53	12m
	2	13' 0	11:48	11:50	11:50	11:53	3m
	3	6' s	11:36	11:38	11:38	11:44	6m
	4	13 1/2'	11:36	11:38	11:38	11:42	4m
	(5A)	3' s	11:05	11:05	stopped pre wet		lower
	6	13' 0	11:05	11:07	11:07	11:12	5m
	7				Vertical 1.5 clay	3' 12'	
	(5B)	4'	11:18	11:20	11:20	11:29	9m
						6	39

#71  
 #123  
 Under 4' good ground 5'  
 shelf)  
 7m

REMARKS: Open field <sup>Some</sup> High growth Have poles field  
 TYPE OF SOIL: Sandy loam below clay <sup>located</sup>  
 TESTED BY: C. B. A. ALSO PRESENT: Ketterman + Son,  
Tom in law

*Preliminary*

# APPLICATION

*Final #68*

A 20259

P \_\_\_\_\_

## 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: 465-5000, EXT. 356

DISTRICT 5th

DATE 6/27/74

*needs dept test*

~~VOID~~  
770

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 J. T. Barnes of Washington, D.C. Inc. & D. Grunberg

ADDRESS 152 New Mark Esplanade, Rockville, Md PHONE 340-8979

PROPERTY LOCATION:

SUBDIVISION Highland Lake LOT NO. 165-Phase 4

ROAD AND DESCRIPTION Castlebay Lane

SIZE OF LOT 40000 ft<sup>2</sup> TYPE BLDG. 3/4  
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 *[Signature]*

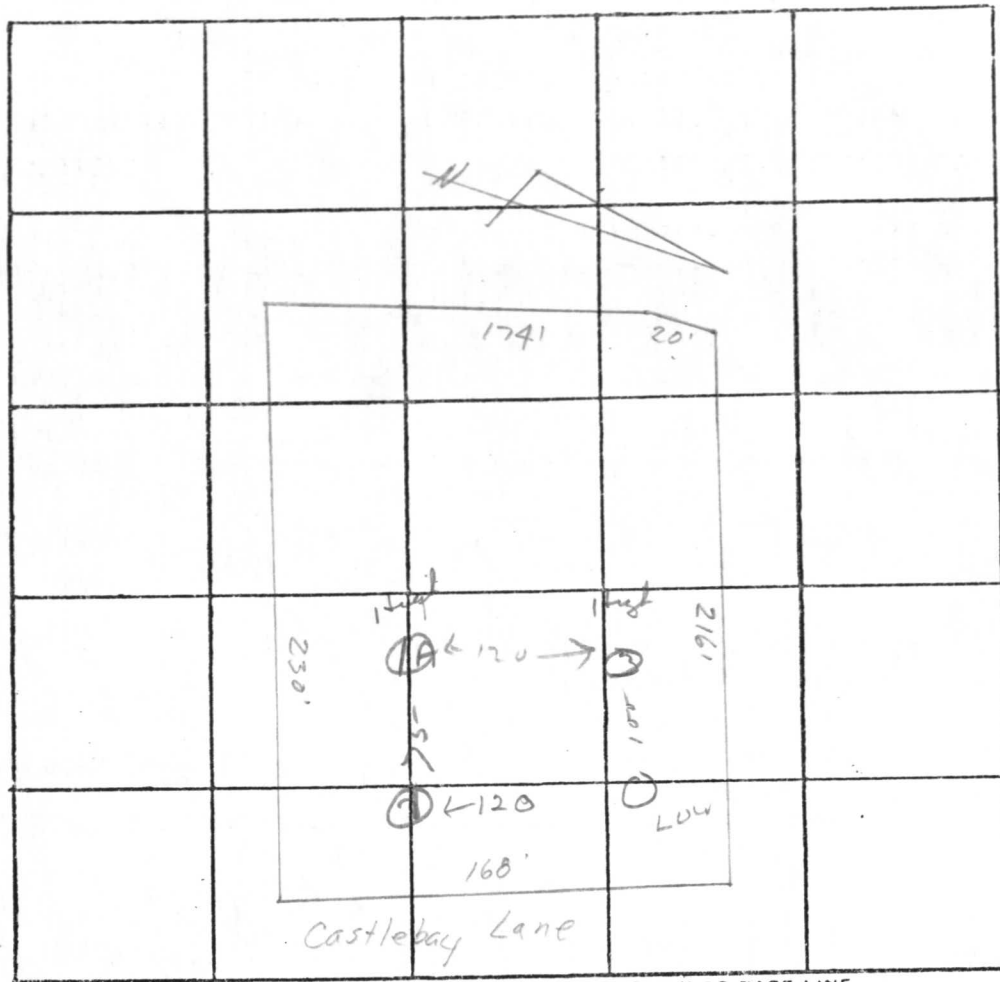
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT



INDICATE NORTH: - NAME ADJOINING ROADWAY AS BASE LINE

111  
165

*deytest*

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/3/74	1	6 ft	11 38	—	—	11 42	4 min
	1A	10 ft	11 41	11 44	11 44	11 50	6 min
	2	11 ft	Same Soil				
	3	11 ft	Good Soil				
	4	4 ft	11 50	11 57	10 57	12 09	12 min
	5	11 ft	11 50	—	—	11 58	8 min

REMARKS R. Tom - need.

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT: \_\_\_\_\_

C1 9495 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 24064

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 20685

22 26 150 (TO NEAREST FOOT)

28 37 40-81-0859

OWNER UNITED GENERAL CONTRACTORS STREET OR RFD CASTLEBAY CT first name TOWN CLARKESVILLE SUBDIVISION HIGHLAND LAKES SECTION 2 LOT 68

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

rolling ground & gravel 0 59' brown schist 59' 64' water brown schist 64' 72' water gray schist 72' 81' water gray schist 81' 115' water gray schist 115' 150'

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

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 ft. to 40 ft.

CASING RECORD

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 60

OTHER CASING (if used)

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL PLASTIC OT OTHER

C2

DEPTH (nearest ft.) 1 40 2 60 3 150

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)

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 4 1/2

PUMPING RATE (gal. per min. to nearest gal.) 10

METHOD USED TO MEASURE PUMPING RATE watch bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 30

WHEN PUMPING 80

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)

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 ELECTRIC LOG OBTAINED 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)

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

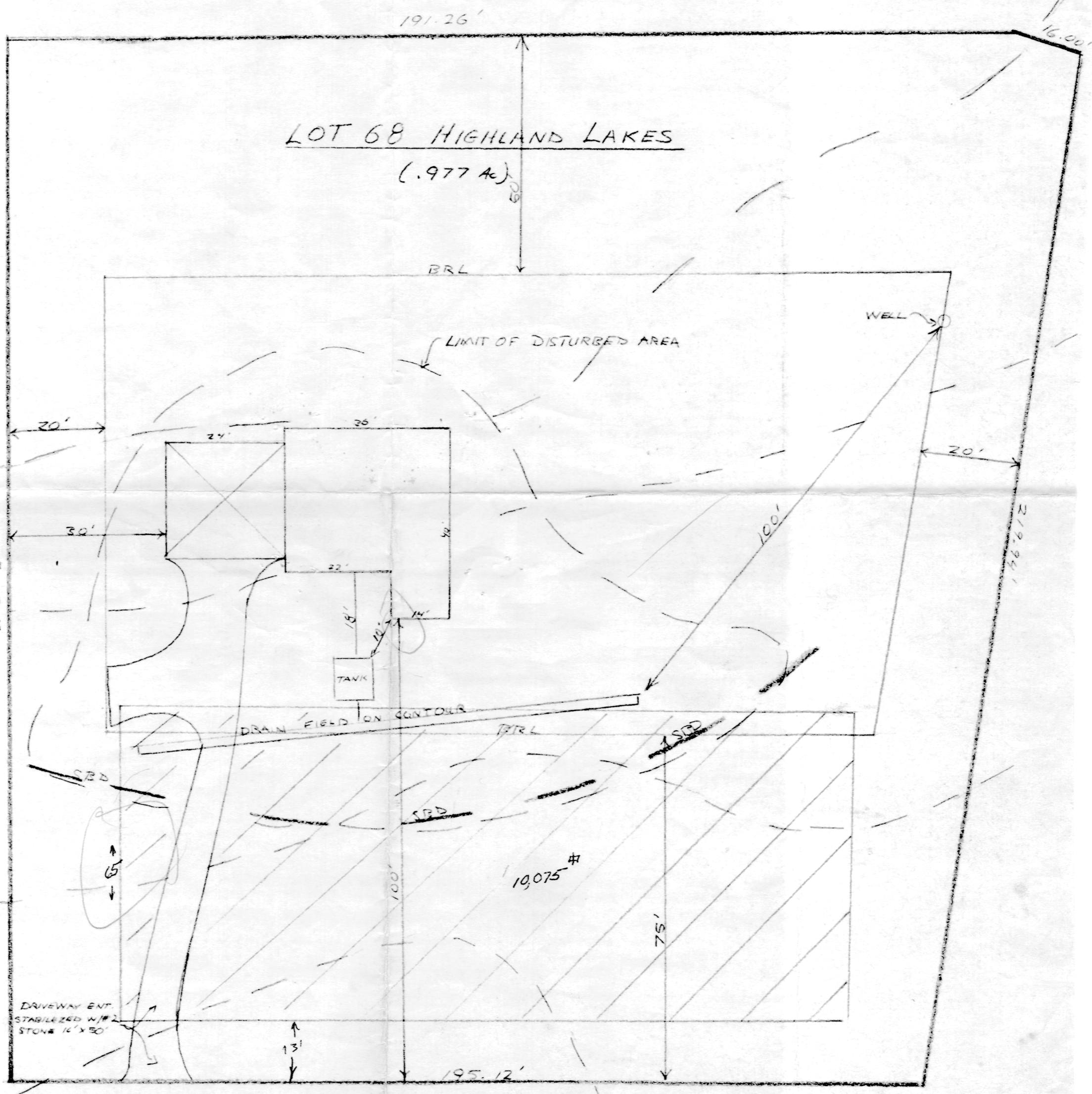
BP # 63006

LOT 68 HIGHLAND LAKES  
(.977 Ac)

ELEVATIONS	
WELL	499.00'
HOUSE	
FF	502.00'
BASE	493.00'
INV. OUT	495.00'
TANK	
EX GR	497.00'
FIN GR	497.00'
INV IN	495.00'
INV OUT	494.70'
FIELD	
EX GR	497.00'
FIN GR	497.00'
INV IN	494.00'
(3 BEDROOMS)	

3 ft

*split elev. & location etc  
FF - 2-14-85*



494' # 6586 CASTLE BAY COURT