

7/3/90 - new & L.A.T.O.  
7/5/90 ASAP

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 45665  
A 42062  
DISTRICT 5th

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

## INDEXED

DATE 3/9/90  
DATE SYSTEM APPROVED 7/5/90  
INSPECTOR RJF

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_  
ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197  
SUBDIVISION Twelve Hills ROAD 13016 Red Maple Way LOT 44  
PROPERTY OWNER Trinity Builders Tracy Gauthier  
Michael Graham  
ADDRESS \_\_\_\_\_

~~IF GARBAGE GRINDERS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 20%.~~

~~GARBAGE GRINDER? XXX YES XXXXXXXXXXXXXXXXXXXX~~

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3.0 feet wide. Inlet 4.0 feet below  
below original grade. Bottom maximum depth 5.5 feet below original grade.  
Effective area begins at 4.0 feet below original grade. 1.5 feet of  
stone below distribution pipe. INSTALL SHALLOWER IF POSSIBLE

LOCATION - Beginning at the corner intersecting lot lines 429.74' and 325.33', as  
seen when facing the lot from the right-of-way, place the distribution  
box 180' down the left (429.74') lot line and 150' off the same line.  
Run trenches on contour toward the right (232.84') lot line. Maintain  
a minimum of 100' from the well.

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

PLANS APPROVED BY Jane E. Nadeau cm DATE 05/05/89

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 ~~BLDG PERMIT SIGNED~~ 6/21/90

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS 000124969 Deck

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

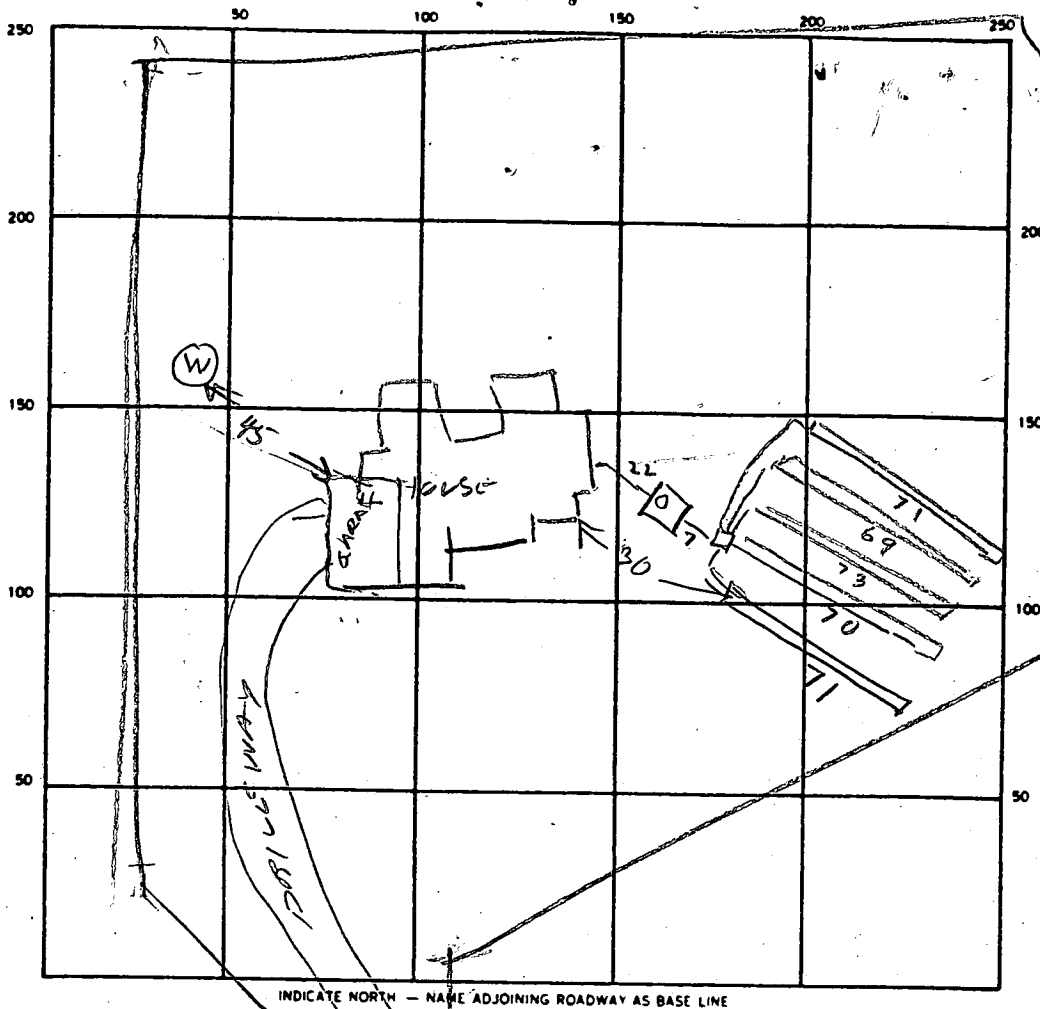
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED AND RETURNED 11/26/91

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A  
42062



12  
10  
11

SEPTIC TANK. LEVEL OK 1500 CLEANOUTS 5 FT OK

DISTRIBUTION BOX. LEVEL OK

DRAIN FIELD/TILE FIELD. DEPTH 

1	2	3	4	5
5	5	5	5	5

 TRENCH WIDTH 3 3 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 

1	2	3	4	5
2	2	2	2	2

 FT. TOTAL LENGTH 

1	2	3	4	5
70	73	69	71	71

 FT.

NUMBER OF TRENCHES 5 ONE SIDEWALL/BOTTOM AREA 1.062 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

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

REMARKS 7/3/90<sup>145</sup> - TANK & FIRST 4 TRENCHES OK DIG TRENCH #5 & CALL RW  
7/5/90<sup>1030</sup> - TRENCH #5 OK SYSTEM OK

DATE SYSTEM APPROVED 7/5/90 INSPECTOR Raymond Hodger

# APPLICATION

PERCOLATION TESTING

A 42062

P \_\_\_\_\_

DISTRICT 5

DATE 6/23/88

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

2nd

*Preliminary  
8-12-88  
9:30*

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 Altogether Limited Partnership c/o Howard Co Land Services

ADDRESS 8307 Main St PHONE 465-5855

PROSPECTIVE BUYER Peter & Tracy GAUTHIER 384-9014 present sil. Sp. #

ADDRESS \_\_\_\_\_ PHONE 44 Final

PROPERTY LOCATION:

SUBDIVISION 12 Hills Section III LOT NO. New Lot

ROAD AND DESCRIPTION Linden Church Rd - Rt 32  
13016 Red Maple Way

LOT 25 Preliminary

TAX MAP 28 PARCEL # 66

SIZE OF LOT 3 acres TYPE BLDG. SED  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. Mald Riv  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

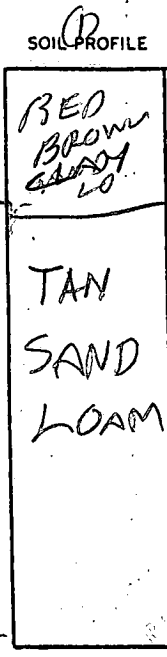
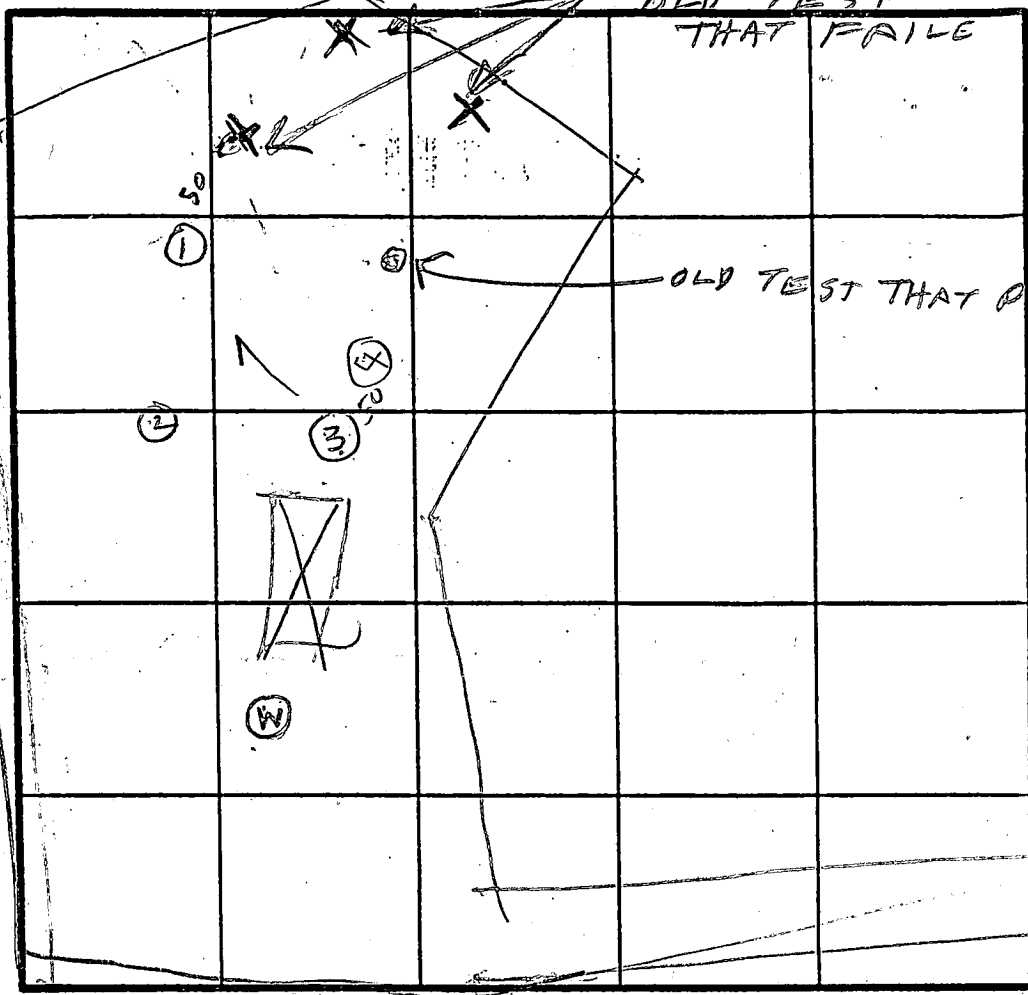
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 8/12/88 Perc OK PROBABLY BUT MUST DISCUSS

OLD PERC WITH SID.RH

# THIS IS NOT A PERMIT

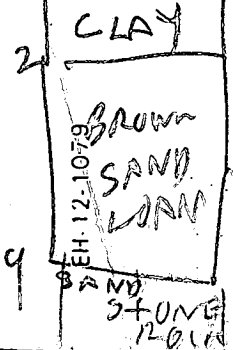
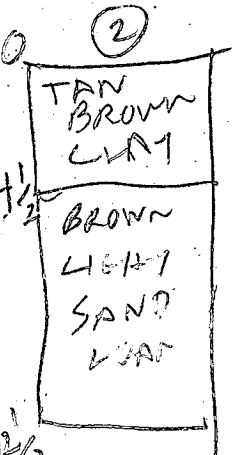
SEE PLAN



- HOLE ELEV
- ③ = HIGH
  - ④ = HIGH
  - ① = LOW
  - ② = MEDIUM
  - ⊙ OLD TEST = MEDIUM

4 min  
210  $\phi$  / BR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/12/88	1S 2V	7 13.5	214 OK	216	216	220	4
8/12/88	2V	12.3	OK				
	3V	9	OK	shallow system			
	3S 4V	5 1/2 9 1/2	300 OK	303	303		
				shallow system			

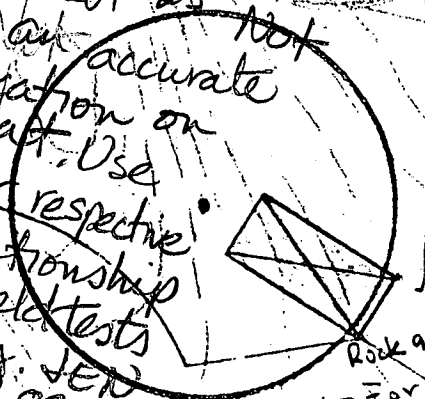
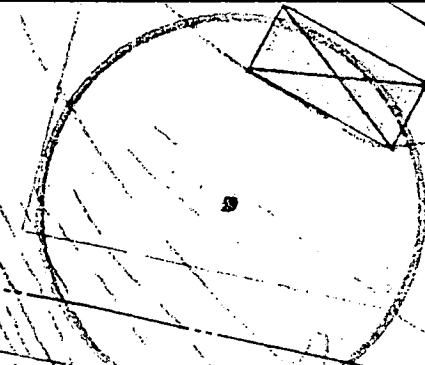
REMARKS \_\_\_\_\_

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

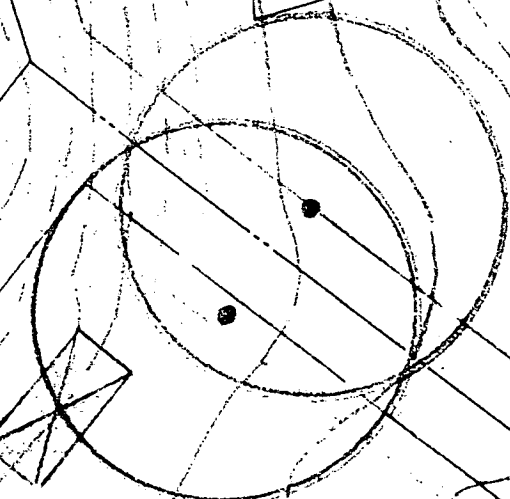
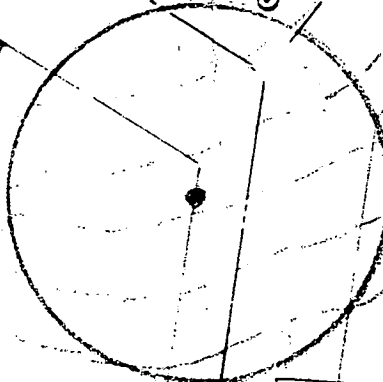
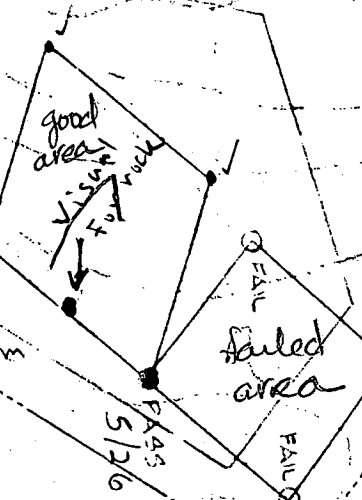
TESTED BY R HODGES

ALSO PRESENT OK - BERMAN  
DAVE  
MARK

Lot-25 Not  
an accurate  
location on  
plat. Use  
for respective  
relationship  
of field tests  
only. JEN  
3-29-89



Rock 9  
but ok for  
shallow system



460  
450  
440



7/16/89  
 RJS  
 NEED TO KNOW  
 TOTAL DEPTH  
 OF TRENCH AND  
 DEPTH OF STONE  
 PLANS SHOULD  
 INDICATE NUMBER  
 OF BED ROOMS &  
 WHETHER OR NOT  
 GARAGE  
 GRINDER  
 2 SMALL POK  
 4 BED ROOM  
 HOUSE

MANHOLE  
 REQUIRED

DISTR. BOX EXISTING EL. 479.0  
 INV. 475.0

TRENCH 3' WIDE X 1.5' DEPTH X TOTAL LENGTH 285'

TOTAL DEPTH  
 MAX. 5.5'

TANK EXIST. EL. 481.0  
 IW. OUT 475.4  
 IW. IN 475.8

INVERT @ HOUSE 476.4

BASEMENT 480.00  
 FIRST FLOOR 489.00  
 GARAGE 488.5

GARAGE FLOOR TO BE ESTABLISHED  
 IN FIELD TO MEET EXISTING GRADE

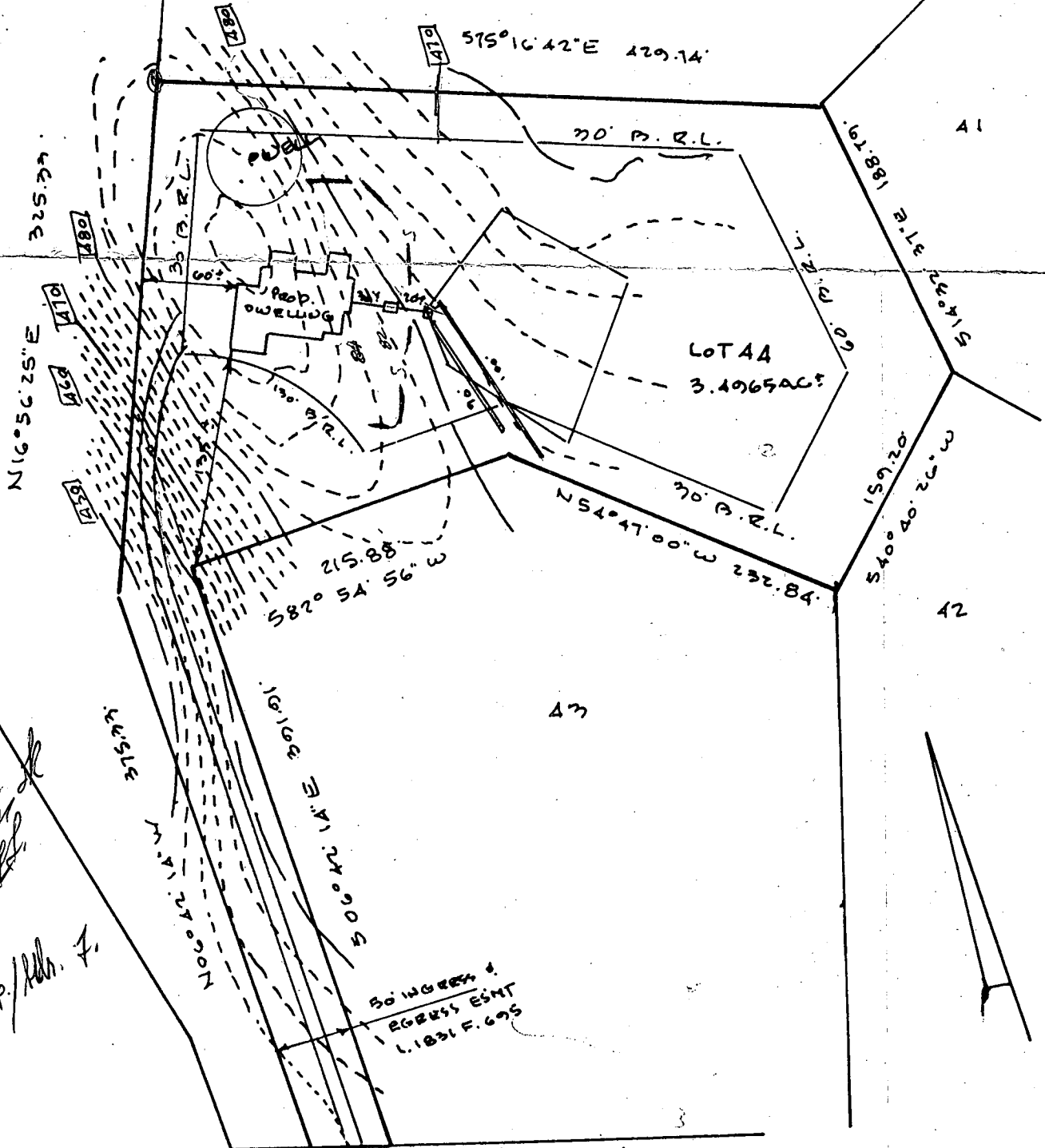
WALKOUT BSMT

GRADING AROUND HOUSE TO REMAIN  
 AS EXISTING GRADES.

Plenty of room to collect  
 pipe work toward surface  
 during haul operation. 6 1/2 ft. deep

190  
 570

64



#  
 BP 27461  
 elev. & location of  
 NO yardage disp. / Adh. 7.

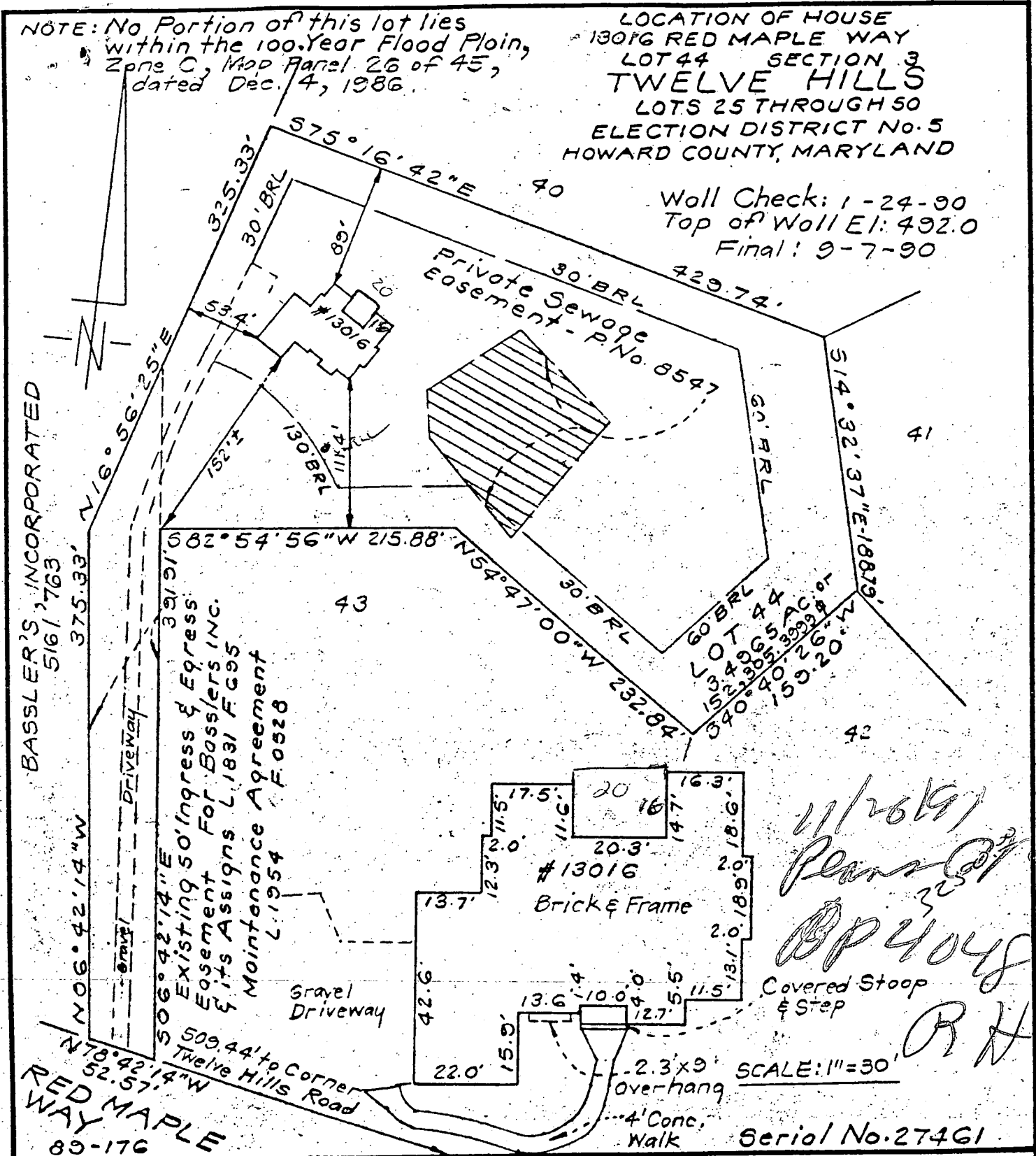
M & H DEVELOPMENT ENGINEERS, INC.  
 SUITE 231 HARPERS CHOICE VILLAGE CENTER  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MD 21044

TWELVE HILLS  
 LOT 44 SECTION 3  
 PLAT 8547  
 5TH ELECTION DISTRICT  
 HOWARD COUNTY, MD  
 SCALE 1"=100' JUNE 17, 1989

NOTE: No Portion of this lot lies within the 100-Year Flood Plain, Zone C, Map Panel 26 of 45, dated Dec. 4, 1986.

LOCATION OF HOUSE  
13016 RED MAPLE WAY  
LOT 44 SECTION 3  
TWELVE HILLS  
LOTS 25 THROUGH 50  
ELECTION DISTRICT No. 5  
HOWARD COUNTY, MARYLAND

Wall Check: 1-24-90  
Top of Wall El: 492.0  
Final: 9-7-90



*11/26/91*  
*Plans of*  
*OP 40482*  
*RH*

SCALE: 1"=30'

Serial No. 27461

**CLARK • FINEFROCK & SACKETT, INC.**

ENGINEERS • PLANNERS • SURVEYORS  
7135 MINSTREL WAY COLUMBIA, MD. 21045  
(301) 381-7500-BALTO. • (301) 821-8100-WASH.

**SURVEYOR'S CERTIFICATE**

I hereby certify that the position of all existing improvements on the above described property have been carefully established by a transit-tape survey and that unless otherwise shown, there are no encroachments.

*Donald B. Sackett* 6059

REFERENCE	DRAWN BY <i>SNP</i>	CHECKED BY <i>KWC</i>
Plat No. 8547	DATE 9-7-90	FILE NO. 1657-W
	SCALE 1"=100'	



B 1 **6849** SEQUENCE NO. (DP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

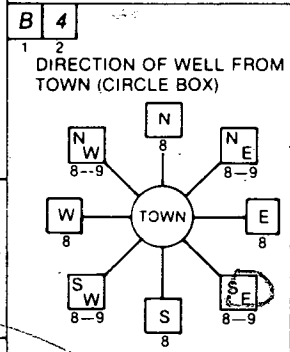
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**HO-88-0583**  
 fill in this form completely

Date Received (APA) **12/16/88**  
 OWNER INFORMATION  
**ALTOGETHER LTD PART**  
 15 Last Name Owner First Name 34  
**10176 BALT NAT PIKE**  
 36 Street or RFD 55  
**ELLICOTT CITY MD 21043**  
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
**HOWARD** COUNTY  
**TWELVE HILLS** SUBDIVISION  
 SECTION **3** LOT **44**  
**DAYTON** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **1** MI

DRILLER INFORMATION  
 Driller's Name **Frank Delph** License No. **453**  
 Firm Name **Frank Delph Well Drillers Inc.**  
 Address **18234 Penn Shop Rd. Mt. Airy Md.**  
 Signature **Frank Delph** Date **12/14/88**



NEAR WHAT ROAD  
**Red Maple Way**  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 WEST EAST SOUTH NORTH  
 DISTANCE FROM ROAD **600** FT or MI **F**

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

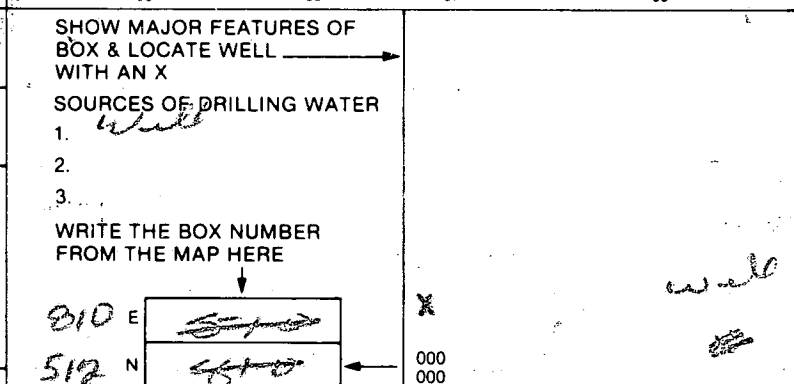
USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
 COUNTY NAME **HOWARD** COUNTY NO. **A# 42062**  
 STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_  
 DATE ISSUED **11/5/89**  
 SIGNATURE **James E. Tudean** EXP. DATE \_\_\_\_\_  
 NORTH GRID **512000** EAST GRID **081000**

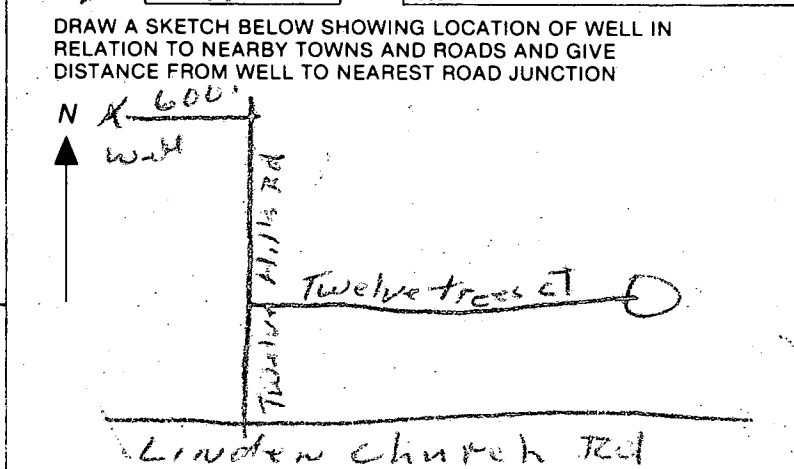
APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** 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 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 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 **JN** WRITE INITIALS IN BOX PERMIT NO. **HO-88-0583**

SPECIAL CONDITIONS

C1 2439

SEQUENCE NO. (DENV 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 42062

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid

DEPTH OF WELL grid

PERMIT NO. grid

OWNER, STREET OR RFD, SUBDIVISION, SECTION, LOT, TOWN

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, FEET (FROM, TO), Check if water bearing

GROUTING RECORD

WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

Casing types insert appropriate code below, MAIN CASING TYPE, Nominal diameter, Total depth

OTHER CASING (if used)

Table for other casing diameter and depth

SCREEN RECORD

screen type or open hole, insert appropriate code below

DEPTH (nearest ft.)

Table for depth measurements at various intervals

- 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"

DRILLERS IDENT. NO., DRILLERS SIGNATURE, SITE SUPERVISOR

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

PUMPING TEST

HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, WHEN PUMPING, TYPE OF PUMP USED

PUMP INSTALLED

DRILLER WILL INSTALL PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT, LAND SURFACE

