

B 1 **3341** SEQUENCE NO. (OEP 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

OEP PERMIT NUMBER
40-81-2293
 fill in this form completely

OWNER INFORMATION
 Date Received **082587**
 Last Name **K** First Name **L**
 Street or RFD **1000**
 Town **1** State **72** Zip **76**

LOCATION OF WELL
 COUNTY **1**
 SUBDIVISION **F A - F i l l i n g**
 SECTION **44** LOT **13** (MAP 35 P. 9)
 NEAREST TOWN **1**
 MILES FROM TOWN (enter 0 if in town) **1 1/2** M

DRILLER INFORMATION
 Driller's Name **Joseph B. Magee** License No. **238**
 Firm Name **Joseph B. Magee**
 Address **5512 Ridge Fed. Mt. Army Md. 21711**
 Signature **Joseph B. Magee** Date **8/24/87**

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 NEAR WHAT ROAD **Grutter Road**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD **200** FT or MI

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 **Harford** COUNTY NO. **16**
 OEP SIGNATURE **Joseph B. Magee** STATE HEALTH INSERT S **41**
 DATE ISSUED **8/24/87**
 CO SIGNATURE **502000** EXP. DATE **3/1/88**
 NORTH GRID **502000** EAST GRID **0822000**

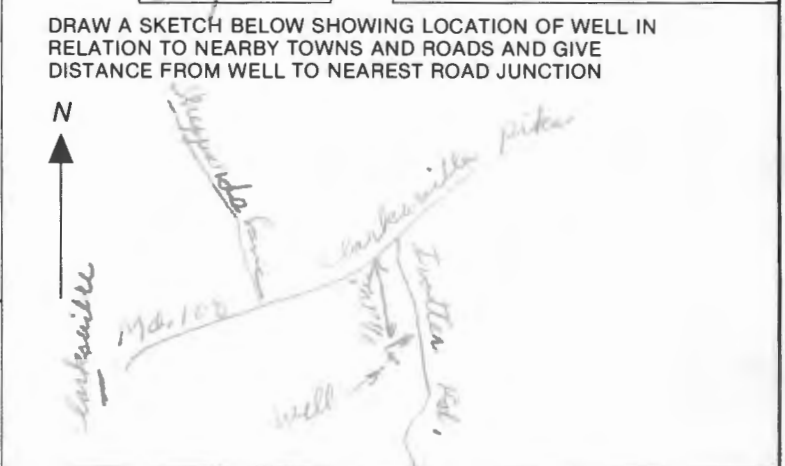
APPROXIMATE DEPTH OF WELL **160** FEET

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
 other

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 **2**
 N **502**

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) **41** **52**



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER **54** **G A P** **63**
 FORCE **B** WRITE INITIALS IN BOX **65** PERMIT NO. **40-81-2293** **70** **71** **72** **73** **74** **75** **76** **77** **78** **79**

SPECIAL CONDITIONS

SUBDIVISION: FOREST HILL

LOT NUMBER: 13

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 3 wide.

Inlet 3.5 feet below original grade.

Bottom maximum depth 5.5 feet below original grade.

Effective area begins at 3.5 feet below original grade.

2 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX APPROXIMATELY 225 FT FROM THE FRONT LOT LINE AND 10 FT OFF THE RIGHT LOT LINE AS SEEN WHEN FACING THE LOT FROM TROTTER RD. RUN TRENCHES ON CENTER. 8-3-87 S. A621

APPLICATION

A 0.1630

SEWAGE DISPOSAL TESTING

P _____

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

750 Gallon Tank

ELLICOTT CITY

Leaching Bed - 300 sq ft bottom area 4 ft to 7 ft deep

DISTRICT 5

DATE 9-8-59

Shallow Dry Wells 300 sq ft Sidewalk area below the inlet. No deeper than 8 ft

Place the drainage system about 10 ft to 25 ft from the side of the lot which is farthest from

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

Rt # 32 and about 190 ft to 240 ft edge of from Tratter Rd

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT OR RECONSTRUCT A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER

Lewis W. Carp Robert function owner has option

ADDRESS

Laurel

PHONE

Rly - 5-2858

PROPERTY LOCATION:

SUBDIVISION

Forest Hill

LOT NO.

X3

ROAD AND DESCRIPTION

Tratter Rd

OCCUPANT

None

PHONE

PERSON TO CONSTRUCT SYSTEM

ADDRESS

PHONE

SIZE OF LOT

2 1/2 acres

TYPE BLDG.

3

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE

SIGNATURE OF APPLICANT

Raymond Hodges

FOR

Leaching Bed or Shallow Dry Wells
(KIND OF SYSTEM)

DATE

4/21/60

REJECTED BY

FOR

(KIND OF SYSTEM)

DATE

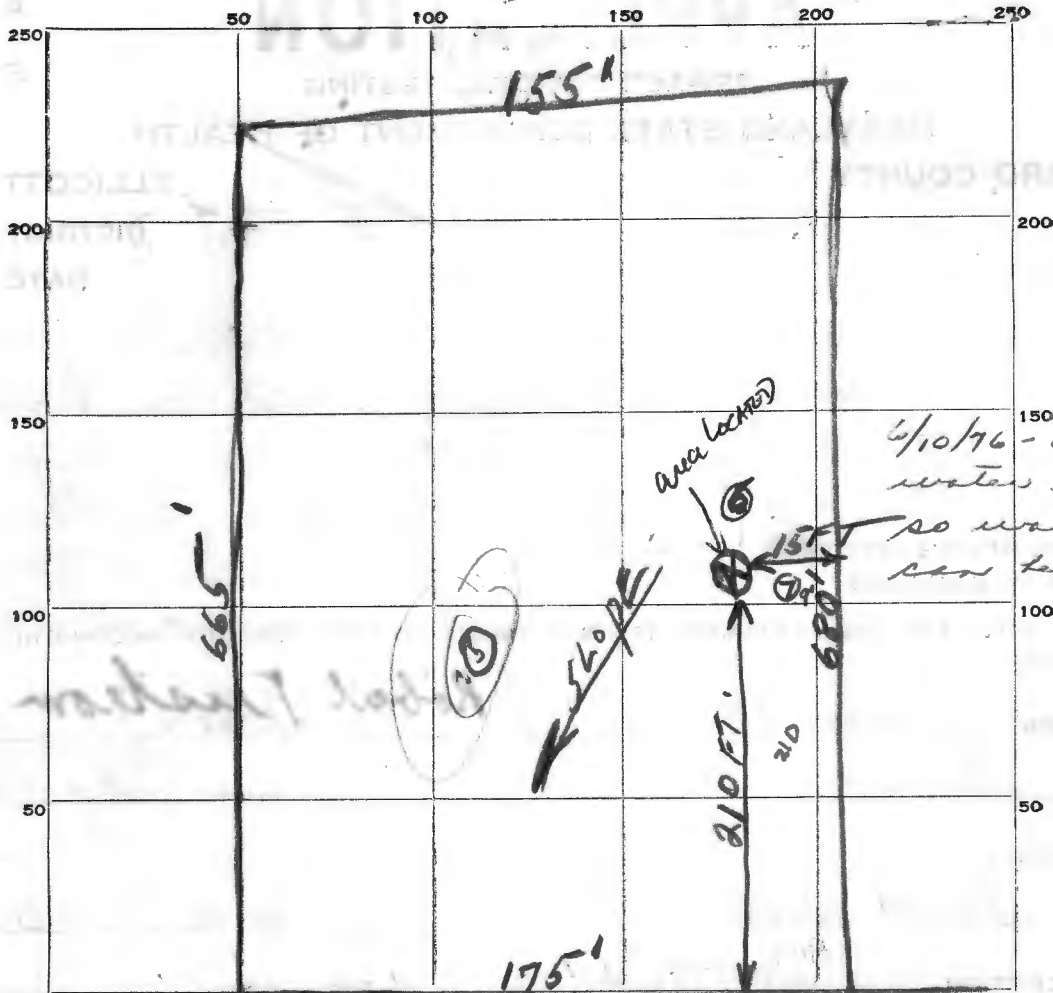
4-13-60

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

THIS IS NOT A PERMIT



4/10/76 - dig until water encountered so water table can be found.
P.F.W.

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

TROTTER ROAD

← TO RI#32

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1	1#	3'	1:00	-	No perc.			
2	2#	3'			water in test hole			
3	3#	3'	"	"	"	"		
4-13-60	4'	9'	9:53	9:58	10:03	10:10	7M water	
"	5'	5'	Water at 30 inches					
4/21/60	6	5	946	947	947	949	2 min	
	7	6	953	958	958	1005	7 min	
	8	5	1003	1005	1005	1007	2 min	

Top 2-3 ft clay
Bottom 13 ft good
good clay
entire depth

#8 same place as #4

SOIL AUGER FINDING: Water at 12 ft in test hole #4
 TESTED BY: J. Hennigan Good soil at 6 ft hole #4 RA 4/21/60
 REMARKS: Place well on high ground
 4-13-60 Edward Bergquist 13
 ALSO PRESENT: 4/21/60 Baker #4

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

August 4, 1987

Mr. Howard Krieger
Maryland Master Builders
P. O. Box 44
Clarksville, Maryland 21029

RE: Approval Status
Forest Hill Subdivision
Lot 13
Trotter Road

Dear Mr. Krieger:

Re-evaluation of the above referenced property on July 29, 1987 revealed site conditions sufficient to sustain approval as a buildable lot. The underlying water table requires the septic system to be installed as high on the property as practical. This circumstance substantially limits the options for approvable house, well and driveway locations and precludes the use of the area directly downhill from the house site for other uses such as outbuildings, patio area or a swimming pool.

A copy of the septic system specifications is enclosed to assist you in selecting a house site. A larger than a 3 bedroom home would be approved only if it can be shown that adequate sewage repair area exists to support the potential increased wastewater discharge from a larger house.

If you have any questions relative to this matter, please call me at 461-9933.

Respectfully,

A handwritten signature in cursive script that reads "Craig Williams".

Craig Williams, Director
Water and Sewerage Program

CW:JR

WED, 8/12/87

SID

PLEASE LOOK OVER THIS

SKETCH WHICH SHOWS 4' WIDE

TRENCHES IN YELLOW AND 3' WIDE

TRENCHES IN BLACK. IT LOOKS LIKE

I GET MORE SQUARE FOOTAGE WITH

THE 3' WIDE SYSTEM. PLEASE TRY

TO MAKE THIS SYSTEM WORK FOR

A 4 BEDROOM HOUSE. ACCORDING

TO YOUR SPECIFICATIONS I AM LIMITED

TO AN AREA OF 50' WIDE X APPROX

145'± LONG TO THE CREST OF THAT

HILL. PLEASE CALL ME AS SOON AS

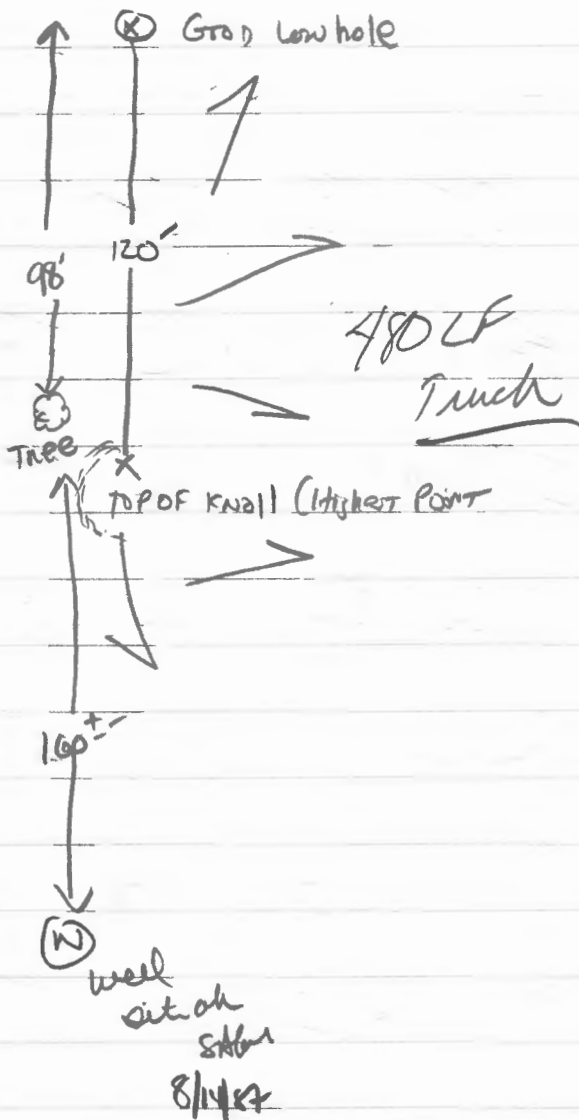
YOU HAVE A DECISION.

HOWARD
854-0001

TROTTER Rd

⊗ BAD HOLE

$$180 \times 4 \div 3 \times 2$$



$$\begin{array}{r} 180 \\ \times 2 \\ \hline 360 \text{ LF} \end{array}$$

$$\begin{array}{r} 3 \times 180 \\ \times 2 \\ \hline 720 \\ \times 2 \\ \hline 1440 \\ \times 2 \\ \hline 2880 \\ \times 2 \\ \hline 5760 \\ \times 2 \\ \hline 11520 \end{array}$$

$$\begin{array}{r} 180 \text{ LF} = 480 \\ 360 \text{ LF} = 360 \end{array}$$

8/18/87

Penc Field to be 120' x 50'
6000'

Sufficient TRENCH AREA AT design
for 1545 1 year 48K house
w/o Garbage DISPOSAL. -
Future repairs beyond #1 can be
Achieved between existing SYST.

SPW

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

August 18, 1987

Mr. Howard Krieger
P. O. Box 44
Clarksville, Maryland 21029

RE: Forest Hill, Lot 13

Dear Mr. Krieger:

After review of the proposed sewage easement on the above referenced property this office has several adjustments required. The maximum dimensions of the field will be 120 feet by 50 feet and no part of the sewage easement is to be disturbed.

The area proposed by this office will support a 4 bedroom house without a garbage disposal. Due to the age of the lot only the initial system and one repair is required.

If you should have any further questions, please feel free to call me at 461-9933.

Very truly yours,

A handwritten signature in cursive script that reads "Sid Abel".

Sid Abel, Sanitarian
Water and Sewerage Program

SA:ns

IMPORTANT MESSAGE

FOR _____
DATE _____ TIME _____ A.M.
P.M.

WHILE YOU WERE OUT

M _____

OF _____

PHONE NO. _____

TELEPHONED	<input type="checkbox"/>	PLEASE CALL	<input type="checkbox"/>
CALLED TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN	<input type="checkbox"/>
WANTS TO SEE YOU	<input type="checkbox"/>	RUSH	<input type="checkbox"/>

RETURNED YOUR CALL

MESSAGE _____

SIGNED _____

IMPORTANT MESSAGE

FOR S.A.
DATE 7/8/87 TIME 12:53 ^{AM} P.M.

WHILE YOU WERE OUT

M Harold Maign
OF _____
PHONE NO. 854-1001

TELEPHONED	<input type="checkbox"/>	PLEASE CALL	<input checked="" type="checkbox"/>
CALLED TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN	<input type="checkbox"/>
WANTS TO SEE YOU	<input type="checkbox"/>	RUSH	<input type="checkbox"/>

RETURNED YOUR CALL

MESSAGE Spoke with you
yesterday about this
property - One or two hrs
pre-

SIGNED [Signature] Site Insp
10AM

PM INQUIRY

LOT 13 FOREST HILL

RETEST REQUIRED

210' FROM RD

6 FEET ON BACK,

REALTOR INFORMED

5/11/87

CW,

Walter Schoenian

5770 Tratter Rd

Clarksville 21029

Residence Parcel 165
(Lot 14) LIBER 284 Folio 373

Adjacent Lot Parcel 9
(Lot 13) LIBER 422 Folio 573

FORREST
LOT 13 SIGN / DAM
SIGN SIDE TRSP.



Maryland Master Builders

Builders and Developers

Howard Krieger

854-8001

Box 44

Clarksville

Maryland 21029

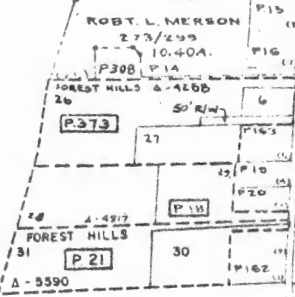
MAP 29 - R124

MAP 29 - P 325

MAP 25

HOWARD RESEARCH & DEV. CORP.
463/176
270 02A.
P. 2

HOWARD RESEARCH & DEV. CORP.
400/709
316.10A.
P. 239



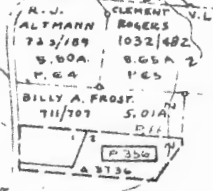
HOWARD RESEARCH & DEV. CORP.
400/143
188.08A.
P. 27

IRL H. BEALL
269/532
15A.
P. 24

JOHN L. DUE
441/722
33.69A.
P. 23

D.P. JACKSON
422/734
16.50A.
P. 25

CHRIS N. CUDDBACK
1023/73
26.45A.
P. 69



HOWARD RESEARCH & DEV. CORP.
401/124
428.39A.
P. 70

HOWARD RESEARCH & DEV. CORP.
406/114
238.48A
P. 59

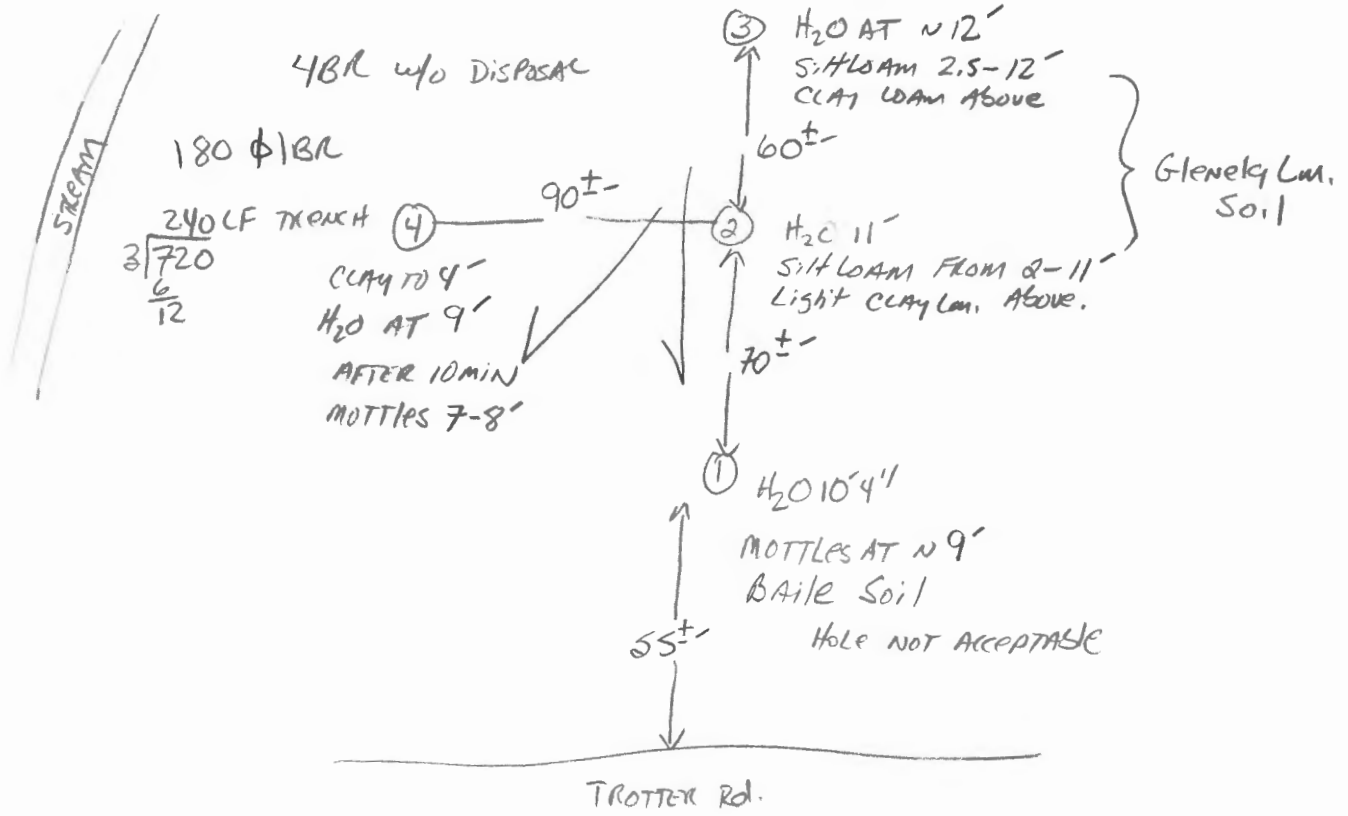
HOWARD RESEARCH & DEV. CORP.
463/176
80.6A
P. 248



Frank

7/29/87

SA



DO NOT REMOVE THIS PERMIT FROM THE VEHICLE
OFFICE OF ENVIRONMENTAL PROGRAMS
NEIL PERMIT NUMBER
110-27-2298
PERMIT TO DRIVE VEHICLE ON THE
TEST TRACK
BALTIMORE, MARYLAND 21021

This info
needs to be
scanned
and deleted
Per AT&P - 2001
0/0