

SEPTIC SYSTEM MUST BE
INSTALLED FIRST
BUILDING PERMIT SIGNED.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

DATE 8/27/76

11/4/76
11/9/76

*admission
trench inspection*

9/15/77 - *fixed*

INDEXED

11/4/76 P.C.O. on trend
HR 23796

A 21681

11/9/76 P.C.O. on system

Mr. Donald L. Carter

IS PERMITTED TO INSTALL ALTER

ADDRESS Canvasback Road, Columbia, Md.

PHONE

A SEWAGE DISPOSAL SYSTEM LOCATED AT

U.S. Army Hill

SUBDIVISION ROAD

Route 94

LOT 2

PROPERTY OWNER Mr. and Mrs. Donald L. Carter

ADDRESS same as above

8.007 acres

SPECIFICATIONS 3 bedrooms

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA SQ. FT.

SEPTIC TANK CAPACITY 1000 GALLONS

BLDG. PERMIT SIGNED
AND RETURNED 11/8/76

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER DRY WELL - Dig dry well pit 11 ft. square. Set block and top for 9 or 10 ft. diameter and fill in rest of pit with gravel. Dry well to be 6 ft. deep below the inlet pipe. Inlet pipe to be 3 ft. deep below original grade. Come off dry well with 5 ft. solid pipe (earth buffer) and begin trench. Trench to be 2 ft. wide - 9 ft. deep - 44 ft. long with 6 ft. of gravel under pipe. Trench must follow contour of ground. Call for inspection of trench before gravel is installed; OR if desired use two dry well same as above. Connected in series and spaced 33 ft. apart edge to edge. Initial dry well to be located 100 ft. to the left of the telephone company marker along the road near the bridge, measured along the front property line, and 15 ft. in from the road. The second dry well will be placed

PLANS APPROVED BY R. T. Modoffield & D. W. Monaghan DATE 7/16/75 and 8/27/76

Sp. Skinner & U.W.M. on 10/18/76

*Changes made by
S.P.S. on 12/18/76*

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

~~alongside (same elevation) the first with a minimum distance between dry wells of 20 ft. edge to edge.~~

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

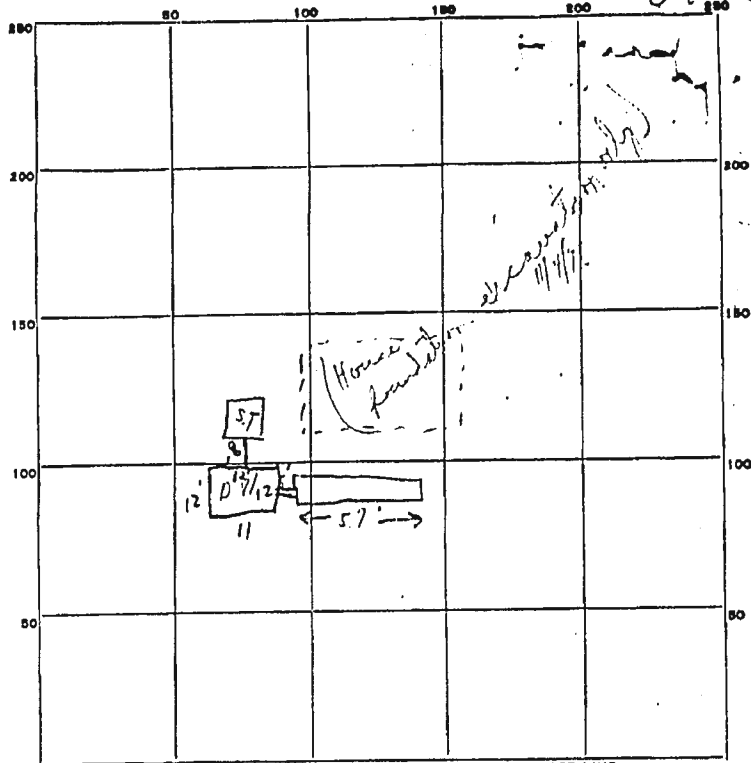
PERMIT VOID AFTER THREE YEARS.

XX

NOTE: INSTALL STAND PIPES ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

21681

21681



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD No. 11/7/76 [C. B. B.] Rx. 94 S.T. D.W. 10' - 7' 2"
 CLEANOUTS 11/9/76 11/9/76

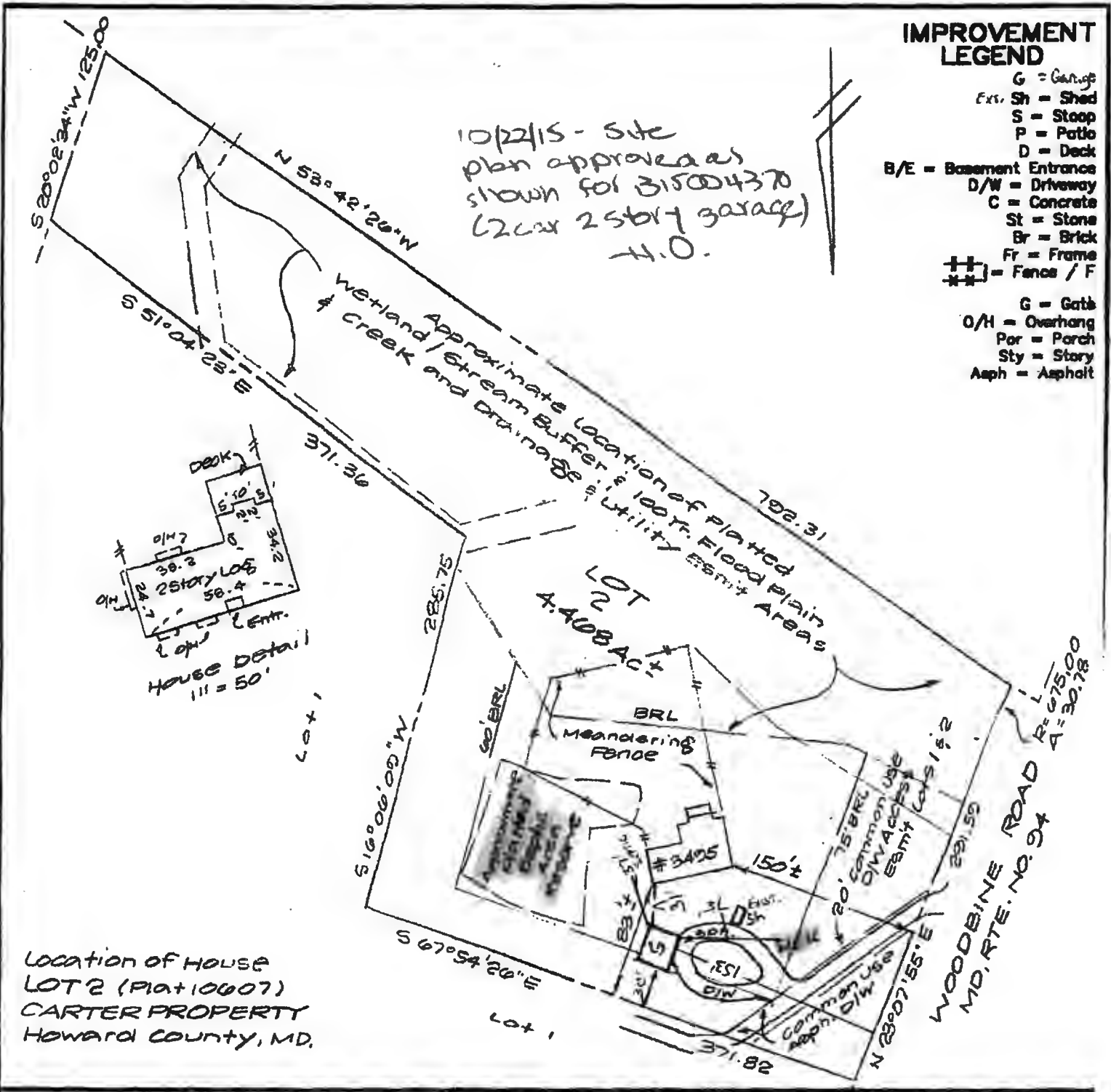
SEPTIC TANK, LEVEL ok
 DISTRIBUTION BOX, LEVEL N/A
 Trench TILE FIELD, DEPTH 9 ± FT. TRENCH WIDTH 2' ± FT. (cover in some places)
 GRAVEL DEPTH 6 IN. TOTAL LENGTH 57 FT. ① 34.2
 NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA —
 SEEPAGE PITS, INSIDE DIAMETER outside perimeter 4 1/2" FT. DEPTH BELOW INLET 6 FT. ② 28.2
 ABSORBENT AREA 624 ± SQ. FT. ③

REMARKS 11/4/76 Trench ok'd for gravel only (Note no permit seen; also some gravel in at different parts of trench. - Hold house connection different from plan shown (Hold for supervisors.) C.B.B. 11/4/76 Discussed with D.W.M. He said with Mr. Skinner Mr. Skinner said he had no change. Hold for house connection, and water well. 11/5/77 House connection covered over. Hold for supervisors.

DATE SYSTEM APPROVED _____ INSPECTOR _____

- NOTES: 1. THIS LOCATION DRAWING WAS PREPARED UNDER THE DIRECT REVIEW AND SUPERVISION OF DAVID L. HALLER-MD. REG. NO. 240
 2. NO TITLE REPORT PROVIDED
 3. THIS LOCATION FOR TITLE PURPOSES ONLY - NOT TO BE USED FOR DETERMINING PROPERTY LINES
 4. PROPERTY CORNER MARKERS NOT GUARANTEED BY THIS LOCATION

CASE / FILE NO. 20071



IMPROVEMENT LEGEND

- G = Garage
- Ext. Sh = Shed
- S = Stoop
- P = Patio
- D = Deck
- B/E = Basement Entrance
- D/W = Driveway
- C = Concrete
- St = Stone
- Br = Brick
- Fr = Frame
- ## = Fence / F
- G = Gate
- O/H = Overhang
- Por = Porch
- Sty = Story
- Asph = Asphalt

LOCATION OF HOUSE
 LOT 2 (Plat 10607)
 CARTER PROPERTY
 HOWARD COUNTY, MD.

CERTIFICATE
 I HEREBY CERTIFY THAT THE POSITION OF ALL THE EXISTING IMPROVEMENTS ON THE ABOVE DESCRIBED PROPERTY HAS BEEN ESTABLISHED BY A FIELD LOCATION.

[Signature]
 DAVID L. HALLER
 MARYLAND R.P.L.S. No. 240

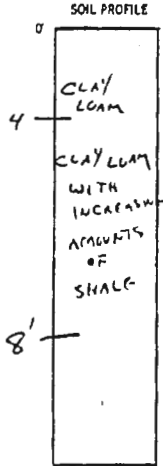
| REFERENCES |
|---------------|
| PLAT BK |
| PLAT NO 10607 |
| LIBER |
| FOLIO |

HALLER-BLANCHARD & ASSOCIATES
 P.O. BOX 1774
 FREDERICK, MARYLAND 21702
 (301) 848-7788

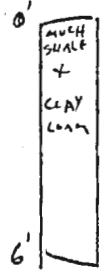
DATE OF PLANS: _____
 SCALE: 1" = 100'
 WALL CHECK: _____
 DRAWN BY: BB
 HSE. LOC: 1-4-12
 JOB NO: 11220
 BOUNDARY: _____

filed - 2/16/81
34177

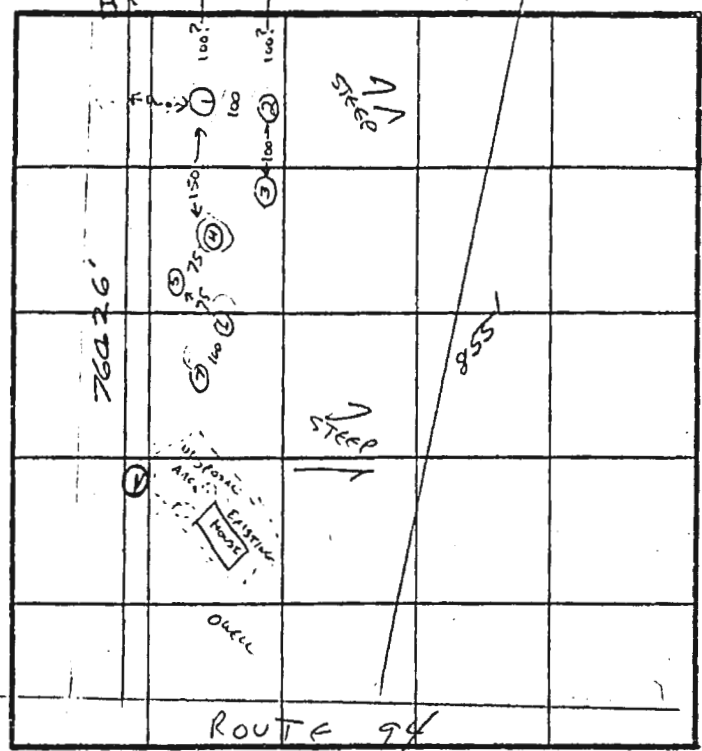
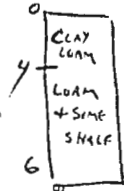
FAILED HOLES
1-2-3-6



FAILED HOLE 4



POSSIBLY USABLE HOLES
5+7



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HOLES
1, 2, 3, 4, 6
FAILED

HOLES
5, 7
POSSIBLE
BUT MUST BE
DUG DEEPER
AND COMBING
WITH SUFFICIENT
ADDITIONAL
AREA.
LOT LINE MUST
BE STAKED.
C.W.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1' DROP | | TIME |
|---------|----------|---------------------------|--|----------------------|----------------------|----------------------|-----------------------|
| | | | START | STOP | START | STOP | |
| 8-14-84 | (1) | 4 8 | 10:55:30 10:59:00 | 10:55:30 10:55:15 | 10:55:30 10:55:55 | 10:55:30 10:56:10 | 7 MIN 45 sec X |
| | | CLAY LOAM WITH MUCH SHALE | | | | | |
| 8-14-84 | (2) | 4 8 | 10:51 10:59 | 10:57 10:51:20 | 10:57 10:51:20 | 11:03 10:58:00 | 6 MIN 40 sec X |
| 8-14-84 | (3) | 4 8 | NO TEST - WOULD HAVE BEEN OK BUT NOT ENOUGH SOIL BELOW | 11:08:00 11:08:10 | 11:08:10 11:08:10 | 11:08:10 11:08:22 | 12 sec X |
| 8-14-84 | (4) | 5 | TOO ROCKY TO TEST | | | | X |
| 8-14-84 | 5 | 4 8 | NO TEST - THIS LEVEL - WOULD PROBABLY BE OK ... | 11:34:30 11:35:45 | 11:35:45 11:35:45 | 11:37:40 11:37:40 | 1 MIN 55 SEC 7 MIN |
| | | 7 | MUST BE DUG DEEPER TO PASS VISUAL INSPECTION | | | | |
| 8-14-84 | (6) | 4 8 | NO TEST - NOT ENOUGH SOIL DEEPER | 12:02:15 12:02:45 | 12:02:45 12:02:45 | 12:03:25 12:03:25 | 40 sec X |
| 8-14-84 | 7 | 6 | VISUAL OK TO THIS DEPTH - TESTING DISCONTINUED UNTIL LOT LINE IS STAKED. | | | | |

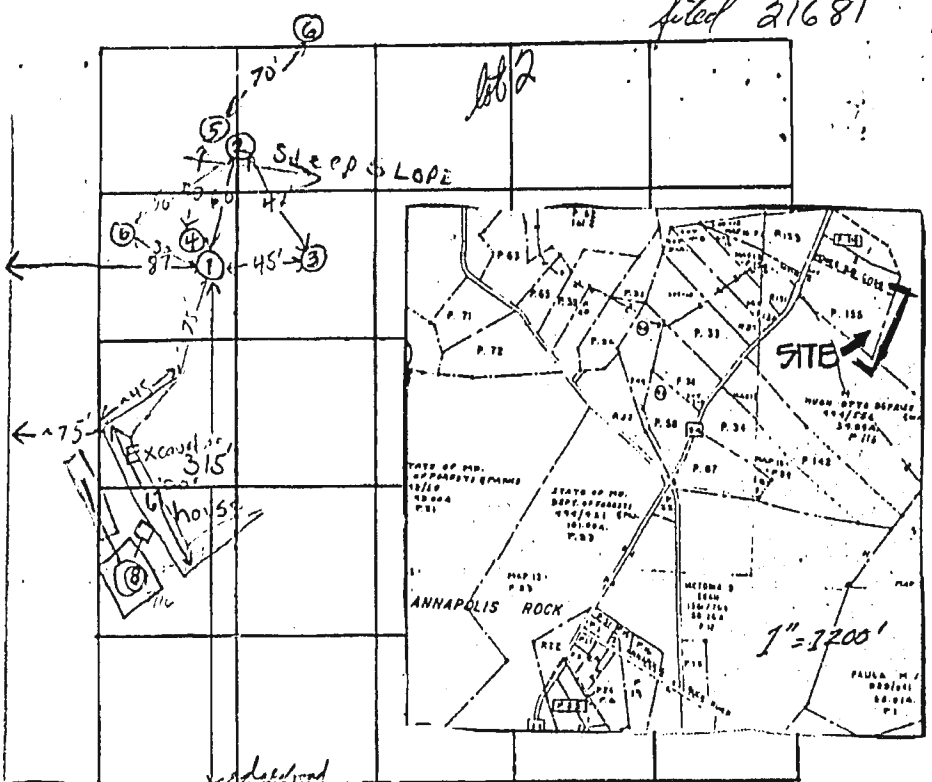
REMARKS 5-17-91 V 10 1/2" - 11" gravel 0-4" clay, thin band @ 5% shale rock, defn. trench in S.W. corner
LOCATION UNCERTAIN - AREA TO BACK OF LOT FAILS - MIDDLE AREA OF LOT HAS POTENTIAL FOR FURTHER TESTING WHEN ADEQUATELY STAKED.

TYPE OF SOIL CLAY LOAM + SOME SHALE

TESTED BY C.W. Waller ALSO PRESENT SISK, MRS CARTER

E11-12-1079
AA 7035

filed 21681



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

retest
#3890

Rte 94

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|--------|----------|---------|---------|------|------------------|------------------|------------------|
| | | | START | STOP | START | STOP | |
| 7/9/76 | (1) | 11' | 1:59 | 2:23 | 2:23 | pulled plug 3:00 | Failed |
| | 2 | 11 1/2' | 2:25 | 2:25 | 2:25 | 2:26 | 1 min TOO FAST |
| | 2 | retest | 2:31 | 2:32 | 2:32 | 2:33 | 1 min TOO FAST |
| | (3) | 12' | 2:45 | | pulled plug 3:13 | 4:20 | Failed |
| | 4 | 3' | 1:51 | 1:54 | 1:54 | 2:00 | 6 min |
| | 4A | 11 1/2' | 1:51 | | pulled plug | 2:39 | 1 min drop Rocky |
| | 5 | 3' | 2:07 | 2:10 | 2:10 | 2:14 | 4 min |
| | 5A | 11 1/2' | 1:55 | 1:56 | 1:56 | 1:57 | 1 min Rocky |
| | 6 | 3' | 2:15 | 2:32 | 2:32 | 2:57 | 80 min |
| | 6A | 11' | 2:15 | | pulled plug 2:45 | 3:11 | 1 min Clayey |
| | 4B | 9' | 2:59 | 3:01 | 3:01 | 3:03 | 2 min |
| | 5B | 2' | 3:02 | 3:11 | 3:11 | 3:15 | 4 min |
| | 6 | 8' | 3:26 | 3:27 | 3:27 | 3:29 | 2 min |

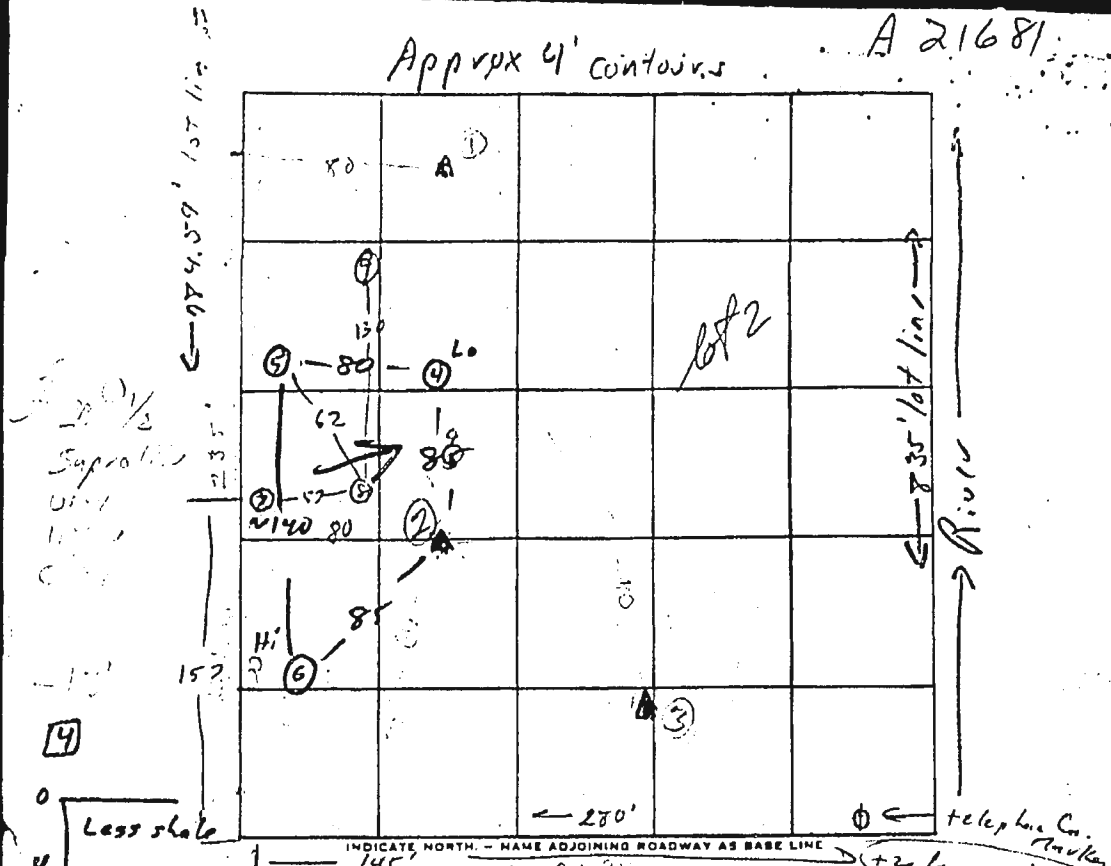
REMARKS 6B 10' loamy at 10' clay down 3'
(4), (5), (6) on 15% 20% S-Cone

TYPE OF SOIL silty loam weathered of harder igneous to help type

TESTED BY F.S. ALSO PRESENT: Joe Larvick

Approx 4' contours

A 21681



Less shale
shale
Loam
less shale
Loam

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|--------------|---------------|---------|------|----------------|----------|-------|
| | | | START | STOP | START | STOP | |
| 6/19/25 | (1) | 10' | Rock | 100 | 1 rock | From 10' | |
| " | 2s | 4' | 3:41 | 3:43 | 3:45 | 3:50 | 5 |
| " | (2d) | 13' | 3:42 | 3:42 | 3:42 | 3:42 | |
| " | (3) | 2' | Rock- | | | | |
| " | 2d | 13' | 3:50 | 3:51 | 3:51 | 3:52 | 1 |
| " | 2d | 13' | 3:53 | 3:55 | 3rd inch = | | 3 |
| 6/24 | 4 | 12 | 3:10 | 3:11 | 3:11 | 3:12 | 1 |
| | 5 | 4 | 3:16 | 3:21 | 3:21 | 3:28 | 7 |
| | 5A | 12 | 3:23 | 3:26 | 3:26 | 3:29 | 3 |
| | 6 | 4 | 3:29 | 3:34 | 3:34 | 3:45 | 11 |
| | (6A) | 12 | 3:38 | 3:42 | 3:42 | 3:50 | 6 |
| | 4 | 12 | 3:45 | | | 3:45 | 7/2 |
| | 4 | 12 | 3:12 | 3:13 | 3:13 | 3:41 1/2 | 1'25" |
| | 6A | 12 | 3:47 | 3:48 | 3:48 | 3:50 | 1'5" |

15 Sec.

RM

REMARKS: Holes 2 d - 7 in. 2 holes, 2nd hole 3rd inch 3 min. below the pins, were slowed to ~ 2 min/in. ~~1/2~~ ~~1/2~~ ~~1/2~~
 TYPE OF SOIL: ~~1/2~~ ~~1/2~~ ~~1/2~~
 TESTED BY: 6/24 RM, ALSO PRESENT: ~~1/2~~ ~~1/2~~ ~~1/2~~

A. 21681

| | | | | |
|---------|-----------------------|------------|---------------|--|
| | | | | |
| | well permit # 73-1817 | | | |
| | Donald Carter | | lot 2 | |
| 3/4/77. | 30' casing | 24' gravel | 8 bags cement | |
| | 6' casing abn. gr. | | OK CBS | |
| | | | | |

175

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

8. 7. 77

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|--------|----------|--------|---------|------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| 7/1/77 | 7A | 12 | 1:42 | 1:46 | 1:40 | 1:46 | 8 |
| | | 4 | 1:48 | 1:45 | 1:41 | 1:46 | 1 |
| | 8 SA | 11 | 1:53 | 1:56 | 1:56 | 1:58 | 2 |
| | | 4 | 1:58 | 2:02 | 2:02 | 2:13 | 10 |
| | 9 SA | | | | | | |
| | (8 | 11 | 2:02 | 2:02 | 2:02 | 2:05 | 3 |
| | 9 SA | 10 1/2 | 2:22 | 2:32 | 2:32 | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS Test #7 - First System. 10/17/76 terminate Avon 15. Covall
 TYPE OF SOIL Inst. 11 system first (D.K.)
 TESTED BY _____ ALSO PRESENT: _____