

12/28/84 AM + NOOD
12/28/84 approved
12/28/84 Cullham

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 34221

A 27660

12/27/84
12/24/84
J. P. M.

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

INDEXED

06-461573

ELLICOTT CITY

DISTRICT 6th.

DATE 8/27/84

DIRECTIONS - UNFINISHED DRIVEWAY AT END OF COURT. TURN
TAKE LEFT FORK.

Robert L. Orndorff

IS PERMITTED TO INSTALL X ALTER

ADDRESS 7469 Flamewood Drive, Clarksville, Maryland PHONE 776-0444

SUBDIVISION Kinder Estates ROAD 7649 Woodstream WAY LOT 7

PROPERTY OWNER Mr. Ted Peck

ADDRESS

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

GARBAGE GRINDER? YES X NO

SEPTIC TANK CAPACITY 2500 GALLONS NUMBER OF BEDROOMS 5

IF GARBAGE DISPOSAL THEN 174 sq. ft. per bedroom. SHALLOW TRENCHES - 141 sq. ft. one bottom area per bedroom. Ditch is to be 3 feet wide, 3 1/2 feet deep, with inlet at 2 feet below original grade and filled with 1 1/2 ft. of stone. Length of the ditch deepens on the number of sq. ft. needed. Start the ditch at perc hole #4 and run it along level ground toward perc hole #1. Perc Hole #4 is located 111 feet from the back lot line and 262 ft. from the left lot line as seen when facing the lot from Woodstream Way. Perc hole #1 is located 212 feet from the back lot line and 225 feet from the left lot line as seen when facing the lot from Woodstream Way. The back lot line is considered to be the 600 ft. long lot line.

12/27/84 O.K. to use trenches inlet & bottom 1 ft deeper as sewer pipe at home may not have adequate cover T & S.

PLANS APPROVED BY Raymond Hodges DATE 3/10/82

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.

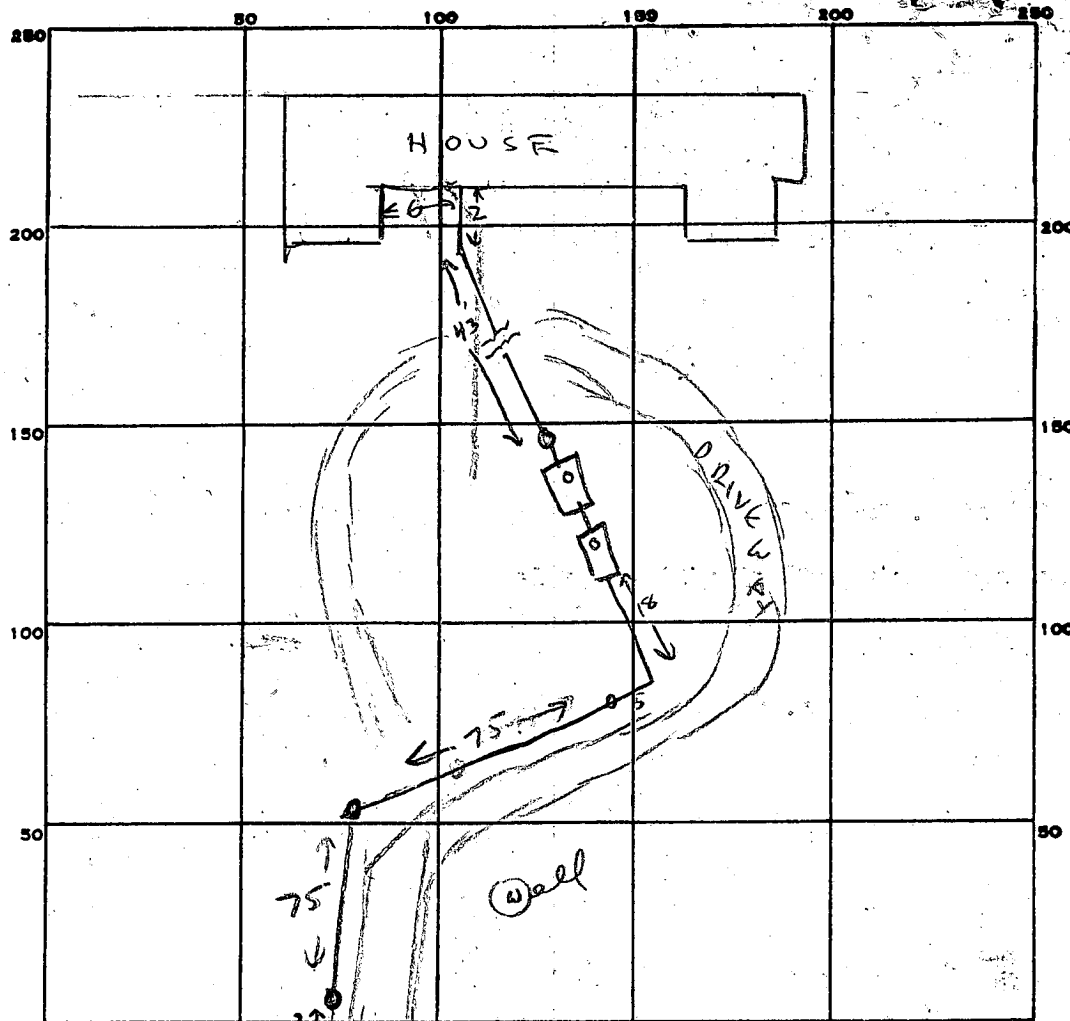
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 27660



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ✓

SEPTIC TANK, LEVEL

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 4' FT. TRENCH WIDTH 3' FT.

GRAVEL DEPTH 1 FT. TOTAL LENGTH 290' FT.

NUMBER OF TRENCHES 3 (100' x 100' x 90') TOTAL BOTTOM AREA 870

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 870 SQ. FT.

REMARKS PROPER RATE OF FALL PLACES INLET PIPE $3\frac{1}{2}$ " DEEP AT TRENCH. I OK'D BOTTOM OF TRENCH ^{TO BE} NO DEEPER THAN $4\frac{1}{2}$ ". 12/24/84 CW ^{Wellman} (ALL PIPE IS SCHEDULE 40)

OK TO COVER FROM HOUSE TO DIST. BOX 12/27/84 CW

OK TO COVER FIRST TRENCH, 12-28-84 CW

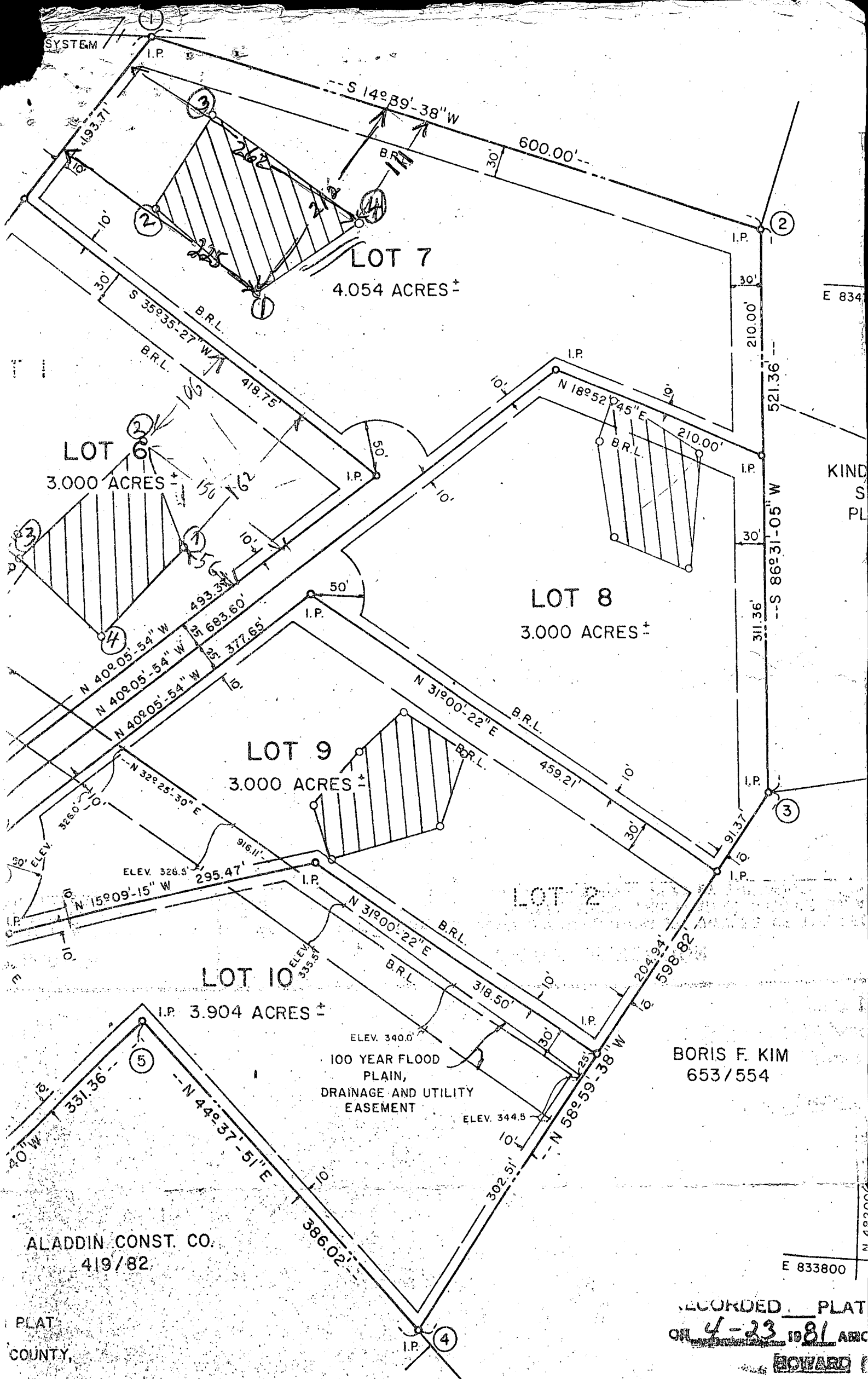
OK TO COVER ALL WORK 12-28-84 CW

DATE SYSTEM APPROVED

12/28/84

INSPECTOR

CW ^{Wellman}



CERTIFICATE

FINAL PLAT SHOWN
SUBDIVISION OF ALL
PROPERTY

OWNER'S DEDICATION

WE, D. DEMPSAY, AND EDMUND V. HARNSTROM JR., OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PUBLIC

APPLICATION

A 27660

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 6th

P O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 3/13/78

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 Louis D. Dempsay

ADDRESS 16030 Jerald Road, Laurel, Md. PHONE _____

PROPERTY LOCATION:

SUBDIVISION Resubdivision of Kindler Estates, Lots 1 & 2 LOT NO. 7

ROAD AND DESCRIPTION Kindler Road

SIZE OF LOT 4.0 acres TYPE BLDG. ~~2 BR~~ SBR per B.P. 59400
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/ Louis D. Dempsay

APPROVED BY G. Keller FOR Shallow trenches/Manhole DATE 4/24/79
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNATURE
AND RETURNED 6/27/87
#59400 for SBR S.P.D.

THIS IS NOT A PERMIT

1077

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/18/78	15	2'	955	958	958	1000	2
	10	6'	955	1006	1006	1025	19
	25	2'	1000	10003	1003	1005	2
	20	7'	1002	1004	1004	1007	7
	35	2'	1008	1012	1012	1017	5
	30	8'	1008	1010	1010	1013	3
	45	2'	1031	1036	1036	1043	7
	40	7'	1031	1033	1033	1034	7
	5	7'	see profile				

REMARKS Heavy underbrush - wooded

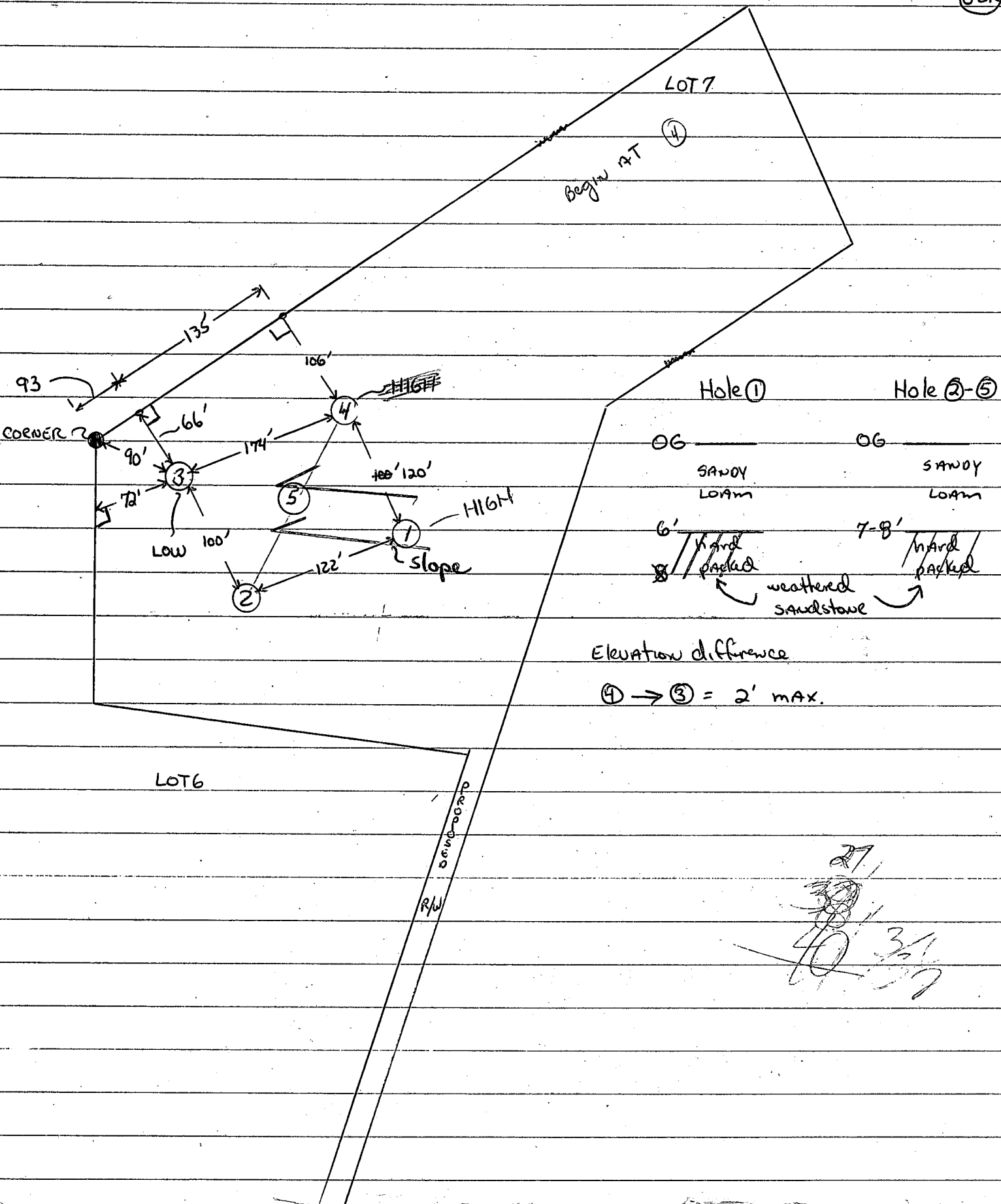
TYPE OF SOIL Sandy loam - hard preloam deep - weathered shale stone

TESTED BY GLK + JS ALSO PRESENT: Mellema

LOT 7 - Kivalier Est

18 Aug. 78

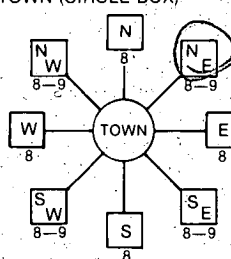

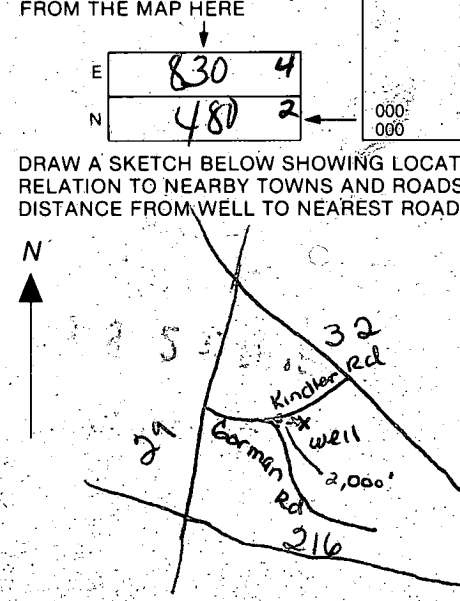
GLK



Elevation difference

④ → ③ = 2' max.

27
30
40
36
37

B 1	3482	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL	OEP PERMIT NUMBER HO-81-0442
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		please print or type		
Date Received 020984		LOCATION OF WELL Howard COUNTY Kindler Estates SUBDIVISION SECTION 7 LOT 7 Seaggsville NEAREST TOWN MILES FROM TOWN (enter 0 if in town) 1 MI		
OWNER INFORMATION McDonough John 5829 Bannecker Road Columbia Town MD 21044 State Zip		DRILLER INFORMATION George F. Easterday L.F. Easterday, Inc. 9265 Brown Church Rd. Mt. Airy, Md 21771 George F. Easterday Signature 2/7/84 Date		
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  DISTANCE FROM ROAD 1000 FT or MI FT		
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A27660 COUNTY NO. OEP SIGNATURE Frank Sherrie DATE ISSUED 9/8/84 NORTH GRID 482000 EAST GRID 0834000		
APPROXIMATE DEPTH OF WELL 200 FEET APPROXIMATE DIAMETER OF WELL 6 INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3.		
METHOD OF DRILLING (circle one) <input checked="" type="checkbox"/> BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> Drive-POINT other		WRITE THE BOX NUMBER FROM THE MAP HERE 		
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPMEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPMED (IF AVAILABLE)		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION		
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE FS INITIALS IN BOX PERMIT NO. HO-81-0442				
SPECIAL CONDITIONS				

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

052184

400

FROM "PERMIT TO DRILL WELL"

8

13

15

20

22

26

28

29

30

31

32

33

34

35

36

37

OWNER
STREET OR RFD
SUBDIVISION
SECTION
LOT

McDonough
Kindler Rd
Kindler Estates
TOWN Scaggsville
LOT 7

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	Check if water bearing
FROM	TO	
Topsoil	0	2
Sandstone	2	33
Opening	33	34
Sandstone	34	75
Opening	75	76
Sandstone	76	88
Gray mica schist	88	92
Sandstone	92	400

GROUTING RECORD

yes no

Y N

44 44

WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT C M BENTONITE CLAY B C

NO. OF BAGS 4 NO. OF POUNDS 400

GALLONS OF WATER 22

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 18 ft.

(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST CO PL OT

STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE

Nominal diameter top (main) casing (nearest inch)

Total depth of main casing (nearest foot)

5 6 20

60 61 63 64 66 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

STEEL BRASS OPEN HOLE PLASTIC OTHER

DEPTH (nearest ft.)

18 400

EACH SCREEN

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

56 60

C 3

1 2

PUMPING TEST

HOURS PUMPED (nearest hour)

6

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

3

METHOD USED TO MEASURE PUMPING RATE

Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING

23

17 20

WHEN PUMPING

129

22 25

TYPE OF PUMP USED (for test)

A air P piston T turbine

27 27 27

C centrifugal R rotary O other (describe below)

27 27 27

J jet S submersible

27 27

PUMP INSTALLED

DRILLER WILL INSTALL PUMP. YES (NO)

(CIRCLE) (YES or 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:

29

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

31 35

PUMP HORSE POWER

37 41

PUMP COLUMN LENGTH (nearest ft.)

43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above - below

LAND SURFACE

2 (nearest foot)

50 51

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)

House

150'

Driveway

15' to well

CIRCLE APPROPRIATE LETTER

A 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. 40

George A. Costandou

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

Wesley L. Blum

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.)

70 72

WQ

74 75 76

TELESCOPE CASING

LOG INDICATOR

OTHER DATA

Page _____ of _____
Date _____

Review 6/25/84 JES

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0442

Location of property (road) Kindler Rd.

Subdivision Kindler Estates

Lot 7

Block _____

Plat _____

Sec. _____

Well Driller George F. Eastvick

Owner John McDough

Depth of well 400 ³ 6 pm

Distance of measuring point (M.P.) above ground 24"

Static water level (S.W.L.) below M.P. 23' 2"

I. High rate pumping -- reservoir drawdown

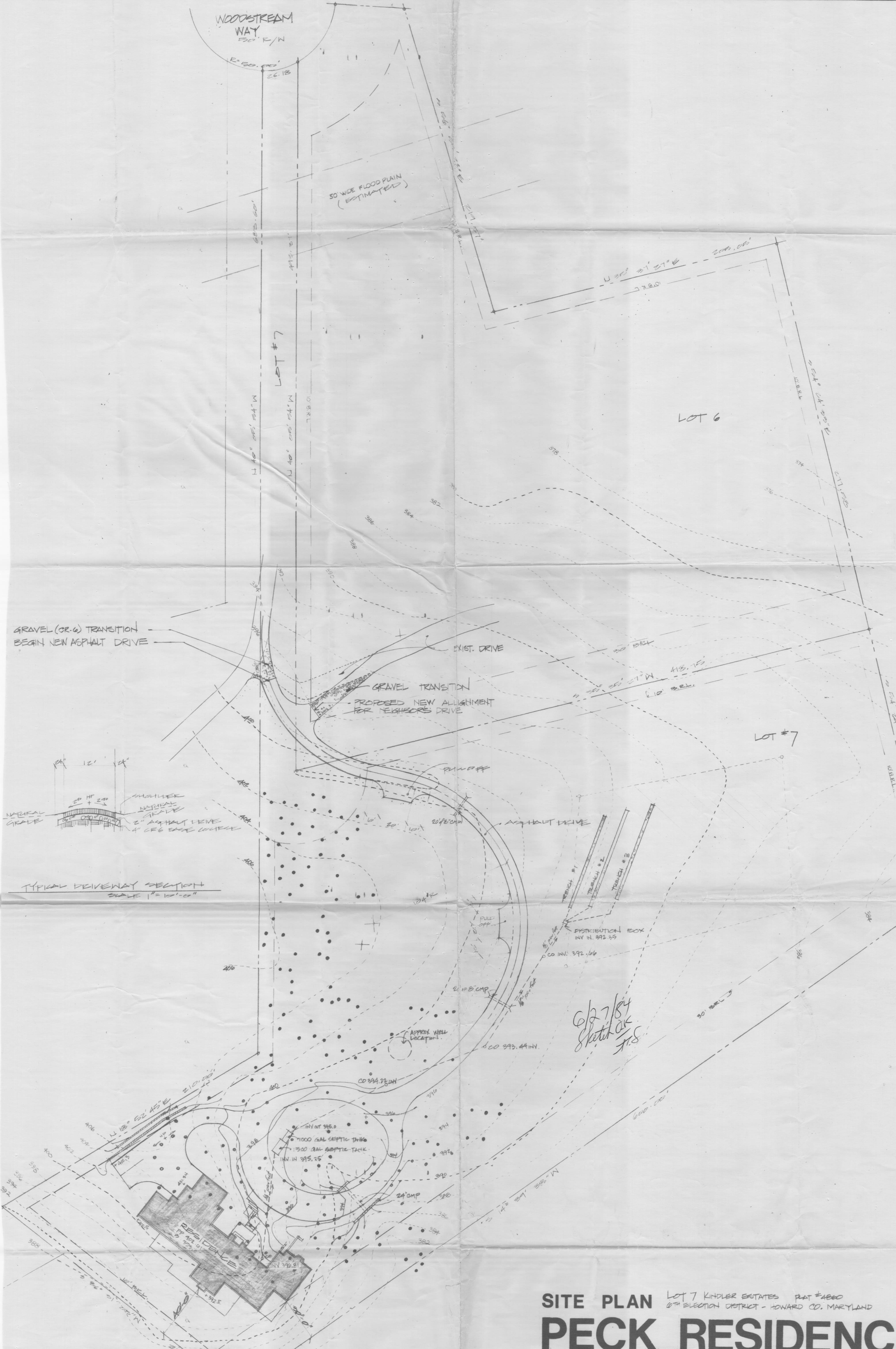
Time pump started 8:35

Pumping rate 10 G.P.M.

Total time 9:00 to reach pumping water level 115' 6" ft. below M.P.

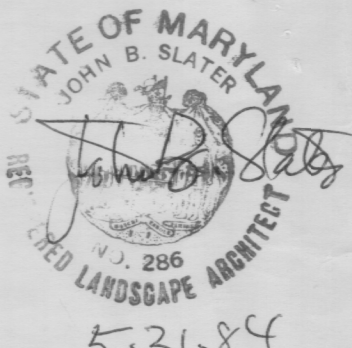
II. Recovery pump test data - observations to be recorded every 15 minutes

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)
9:00	115' 6"	15 sec		4 G.P.M.
9:15	116' 2"	15 sec		4 G.P.M.
9:30	118' 8"	15 sec		4 G.P.M.
9:45	124'	15 sec		4 G.P.M.
10:00	124'	20 sec		3 G.P.M.
10:15	124'	20 sec		3 G.P.M.
10:30	124' 6"	20 sec		3 G.P.M.
10:45	125'	20 sec		3 G.P.M.
11:00	124' 6"	20 sec		3 G.P.M.
11:15	124' 6"	20 sec		3 G.P.M.
11:30	124' 6"	20 sec		3 G.P.M.
11:45	124' 3"	20 sec		3 G.P.M.
12:00	124' 6"	20 sec		3 G.P.M.
12:15	125' 6"	20 sec		3 G.P.M.
12:30	126' 6"	20 sec		3 G.P.M.
12:45	126' 6"	20 sec		3 G.P.M.
1:00	126' 9"	20 sec		3 G.P.M.
1:15	127' 3"	30 sec		3 G.P.M.
1:30	128' 6"	30 sec		3 G.P.M.
1:45	128' 6"	20 sec		3 G.P.M.
2:00	128' 6"	20 sec		3 G.P.M.
2:15	128' 10"	20 sec		3 G.P.M.
2:30	129'	20 sec		3 G.P.M.
2:45	129' 2"	20 sec		3 G.P.M.
3:00	129' 2"	20 sec	Brute	3 G.P.M.



SITE PLAN LOT 7 KINDLER ESTATES PAT #4860
8TH ELECTION DISTRICT - HOWARD CO. MARYLAND

PECK RESIDENCE



SLATER ASSOCIATES
SUITE 205 WILDE LAKE VILLAGE GREEN
COLUMBIA, MARYLAND 21044

LAND PLANNING
SITE PLANNING
LANDSCAPE ARCHITECTURE

5/30/84

992