

12/14/82
2N 00M

APPROVED
12/14/84
R1/32340

PERMIT

SEWAGE DISPOSAL SYSTEM

A 31409

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 5th.

INDEX

DATE 11/30/82

Mike Kastner IS PERMITTED TO INSTALL ALTER

ADDRESS 13556 Argo Drive, Dayton, Maryland 21036 PHONE 725-5000

SUBDIVISION Segal Property ROAD 10575 Route 108 LOT 2 new 6

PROPERTY OWNER Alexander Whitemer

ADDRESS 5370 Smooth Meadow Way
Columbia, Maryland 21044

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 5

Dry Well - 125 square foot sidewall area per bedroom. Dry well inlet maximum to be 3 feet below original grade and dry well bottom to be 11 feet below original grade. Place the dry well 50 feet from the rear lot line and 20 feet from the left lot line as seen when facing the lot from Route 108. IF TRENCH ONLY - 125' to 130' lineal feet with 7 ft. stone under pipe. Maximum depth of trench 10 feet.

PLANS APPROVED BY C. B. Streaker/F. Frommelt DATE 11/10/81

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 16 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.

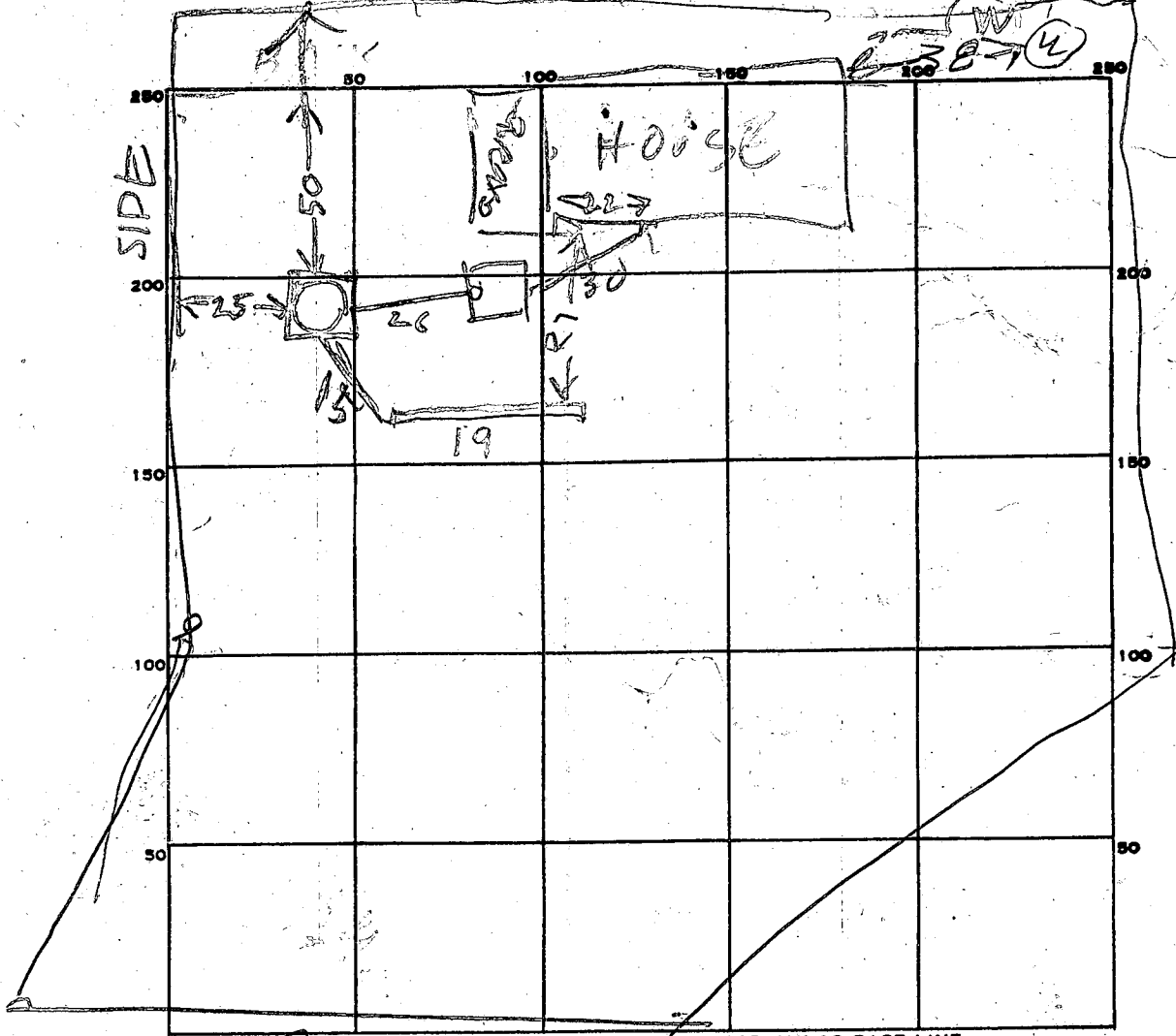
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 31409



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
ROUTE 108

PERMIT CARD _____
 SEPTIC TANK, LEVEL OR 2000 7 1/2 FEET CLEANOUTS SI / DW OR / OK
 DISTRIBUTION BOX, LEVEL _____
 TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.
 GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.
 NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA 4
 SEEPAGE PITS, INSIDE DIAMETER PERIMETER 6 4 FT. DEPTH BELOW INLET 8 FT.
 ABSORBENT AREA 4900 SQ. FT. (counting 15 FT SQUARE 516 TOTAL)

REMARKS 12/14/82 AND INLET 3 1/2 FT BOG
5 BR - 625 SQ FT REQUIRED ADD DITCH
144 SQ FT TO DW & CALL OK TO
ADD 9 TONS TO DITCH OK COVER TANK
12/14/82 PM DITCH OK RH
SNOW TODAY

DATE SYSTEM APPROVED 12/14/82 INSPECTOR Raymond Hodgson

Appl

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 31409

P _____

DISTRICT FIFTH

DATE MAY 12, 1981

*See attached
Spec's*

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.

Developer ALLAN R. TRELIS Alexander Whitmer

PROPERTY OWNER _____
ADDRESS 6565 PENNECOCK COURT, COLUMBIA, MARYLAND 5370 Smooth Meadow Way
PHONE 730-4744 997-7094

PROPERTY LOCATION: _____
SUBDIVISION PROPERTY OF EARL P. DANDRIDGE Columbia, Md #2 8/14/81 e.p.d.
(PLAT OF 6/26/81) NOV

LOT NO. 3

ROAD AND DESCRIPTION 500'± EASTERLY FROM INTERSECTION OF MARYLAND ROUTE 108 AND ELIOT'S

OAK ROAD. 10575 Route 108

SIZE OF LOT 30,875 ± TYPE BLDG. SINGLE FAMILY
(NUMBER OF BEDROOMS) _____

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. _____
(SIGNATURE OF APPLICANT) Charles J. Conrad Jr.

APPROVED BY C. B. Strecker FOR Dry Well DATE 11/10/81

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 8/19/82
Serial # 57578

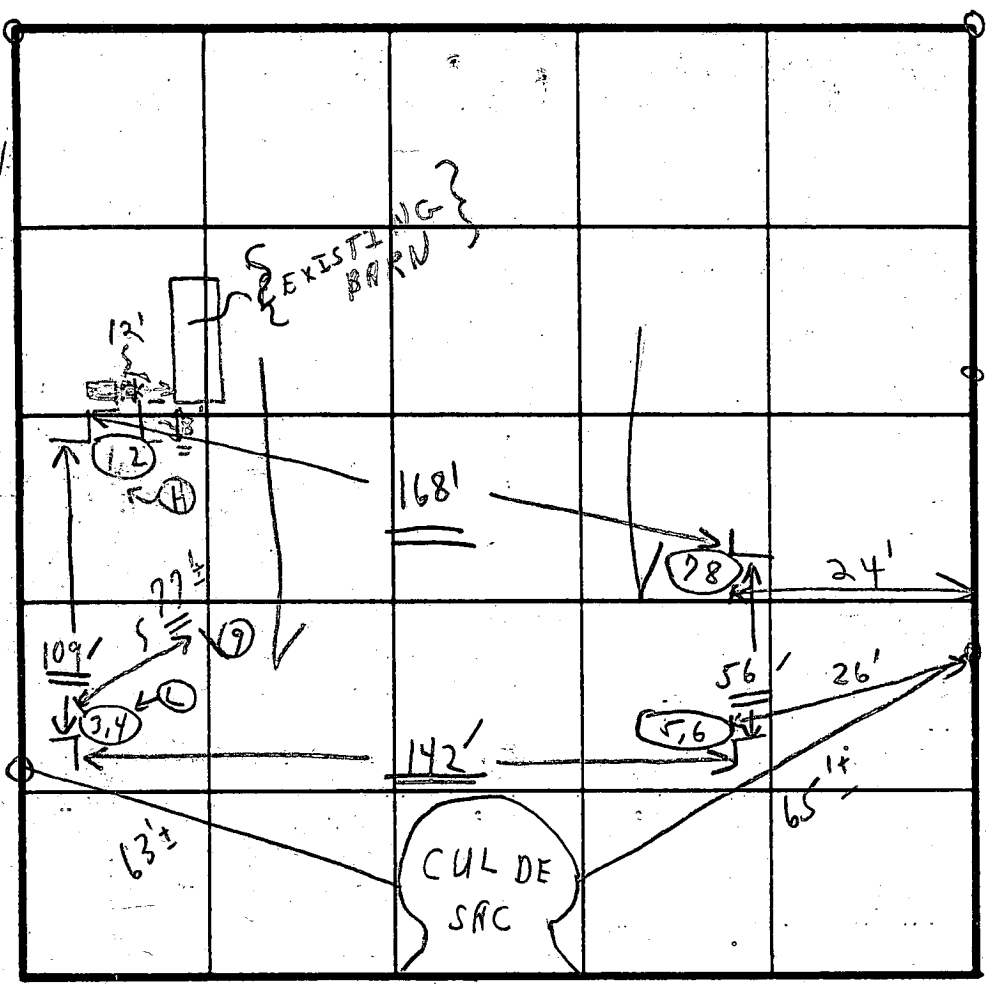
THIS IS NOT A PERMIT

SEE NOT

#3

NOV #28/14/21

SOIL PROFILE



STAKE ON LINE

FIELD SHEET

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT 108

	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
				START	STOP	START	STOP		
1' - 30' CLAY MICA SAND LOAM 13'	6/5/21	1	3 1/2'	11:49	11:52	11:52	11:58	6 min	
		②	7'	11:49	11:52	11:52	11:58	6 min	
1' - 30' CLAY LOAM 13'		3	3'	11:47	11:49	11:49	11:51	2 min	
		④	7 1/2'	11:47	11:50	11:50	11:59	9 min	
1' - 4' CLAY LOAM TO 14'		5	4'	12:04	12:06	12:06	12:12	6 min	
		⑥	'	11:51	11:51	11:51	11:54		
1' - 4 1/2' CLAY LOAM 13 1/2'		7	4 1/2'	11:55	11:57	11:57	12:01	4 min	
		8	8 1/2'	11:55	11:57	11:57	12:01	4 min	
		9	13'	(Visual 1'-4" clay 4 1/2' - 13' LOAM)					

close 125 #1 / B.R.
Dry well
about 3'
3'-10'

REMARKS

HOLD WATER LINE FROM
EXISTING HOVE TO BARN
NEEDS TO RE DIS CONNECTED
KEVAN
SKIP
CROVO'S MAN

TYPE OF SOIL

TESTED BY

C.B.

ALSO PRESENT

EH-12-1079

B 1 6902 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

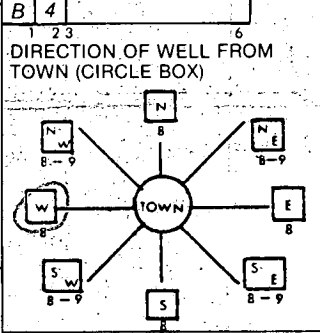
OEP-PERMIT NUMBER
HO-73-4241
fill in this form completely

please print or type

Date Received 8/19/82 10:30 P.M.
OWNER INFORMATION
Last Name 15 SEIGAL CARL DR 34 Name
Street or RFD 10585 ROUTE 108 55
Town 57 ELLICOTT CITY 21043 76 Zip

B 3 LOCATION OF WELL
COUNTY 6 HOWARD 21
SUBDIVISION 8 SEGAL PROPERTY 42
SECTION 23 44 LOT 48 2 50
NEAREST TOWN 52 Columbia
MILES FROM TOWN (enter 0 if in town) 73 4 76 77 78

B 1 Continued DRILLER INFORMATION
Driller's Name SANDY B. COCHRAN 77 License No. 80 120
Firm Name EDGAR HARRIS SONS CORP
Address 12047 FALLS RD. COCKEYSVILLE 21030
Signature Sandy B Cochran 7/23/82 Date



B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD 11 ROUTE 108 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
WEST 32 EAST
SOUTH
DISTANCE FROM ROAD 34 80 37 FT
38 39

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 750 20

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. LOCATION OK
2. 165' DEEP
3. 71' CASING (DOUBLE CASING)
4. 2' ABOVE GRADE
5. 30' OPEN
6. 28 BAGS CEMENT
7. AUG 9/82
WRITE THE BOX NUMBER FROM THE MAP HERE
E 830 4
N 510 0

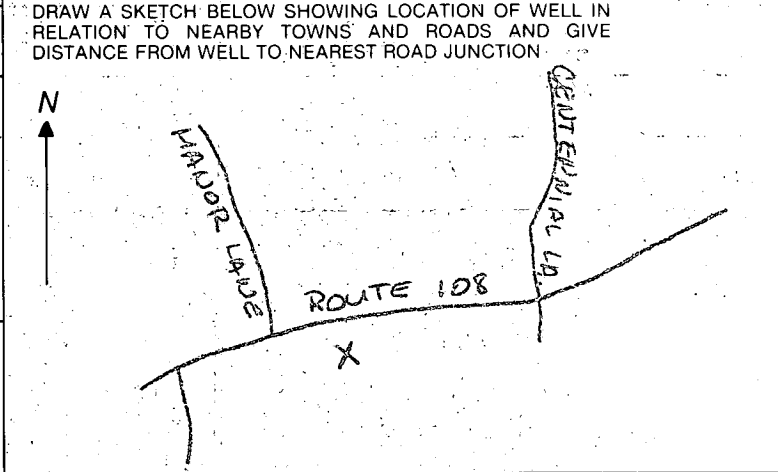
- USE FOR WATER (CIRCLE APPROPRIATE BOX)
- HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 - FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 - INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 - PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND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

APPROXIMATE DEPTH OF WELL 24 200 28 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)
BORED (OR AUGERED) JETTED JETTED & DRIVEN
30- AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC ROTARY)
37 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
39 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



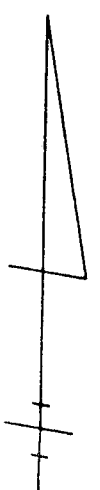
Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER 54 GAP 63

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
COUNTY NAME HOWARD COUNTY NO. A31409
OEP SIGNATURE STATE HEALTH CIRCLE BOX 41
DATE ISSUED CO SIGNATURE
43 48
NORTH GRID 510 50 EAST GRID 0234 55 57 63 EXPIRES 020283

FORCE F5 WRITE INITIALS IN BOX PERMIT No. HO-73-4241
64 68 70 71 72 73 74 75 76 77 78 79

B 5 SPECIAL CONDITIONS 8-63
1 2 3 6

MARYLAND ROUTE 108



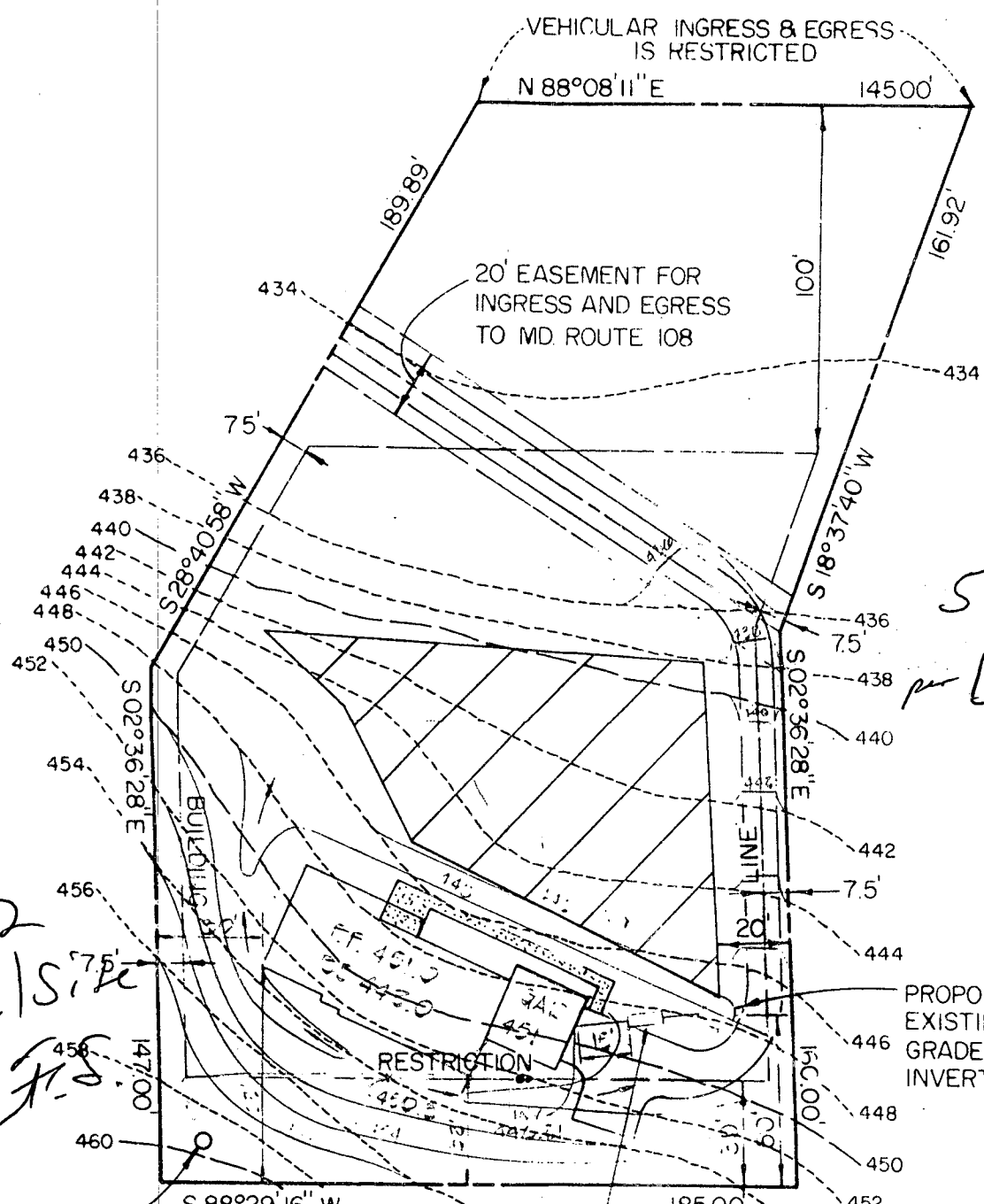
VEHICULAR INGRESS & EGRESS IS RESTRICTED

N 88°08'11" E 14500'

20' EASEMENT FOR INGRESS AND EGRESS TO MD ROUTE 108

S.B.R. Eggen
 per Bill Watkins
 774-7620

8/2/82
 Well site
 OK FIS



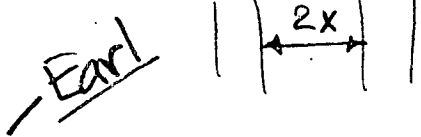
PROPOSED WELL
 ELEV. 459.5

PROPOSED 1500 GALLON
 SEPTIC TANK
 EXISTING GRADE 448.0
 PROPOSED GRADE 449.5
 INVERT IN 445.98
 INVERT OUT 445.65

10' Lot line
 100' Septic
 30' House

50% on Tank
 22% on Side Wall

2x gravel depth



461-2855

FISHER, COLLINS AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043

Frank Skinner
 992-2330
 PLAN TO ACCOMPANY
 APPLICATION FOR BUILDING PERMIT

SEGAL PROPERTY

Lot 2
 5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 JULY 26, 1982 SCALE: 1"=50'

C 1 3238 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED

COUNTY NUMBER A 31409

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

Date Received (OEP use only)

DATE WELL COMPLETED 080682

Depth of Well 165 (TO NEAREST FOOT)

PERMIT NO. FROM PERMIT TO DRILL WELL 40-73-4241

OWNER Segal Carl Dr. last name first name

STREET OR RFD Md. Rte 108 TOWN Columbia

SUBDIVISION Segal Property SECTION LOT 2

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows: OVERBURDEN (0-7), BROWN SHALE (7-69), GRANITE (69-165) X

GRouting RECORD WELL HAS BEEN GROUTED YES (Y) NO (N)

TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 28 NO. OF POUNDS 2800 GALLONS OF WATER 168

CASING RECORD casing types insert appropriate code below: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER)

MAIN CASING TYPE ST Nominal diameter 6 Total depth of main casing 71

OTHER CASING (if used) diameter depth from to

SCREEN RECORD screen type or openhole: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER)

DEPTH (nearest ft.) HO 71 165

- CIRCLE APPROPRIATE BOX: [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...

DRILLERS IDENT. NO. 120 DRILLERS SIGNATURE

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (TELESCOPE CASING), WQ (OTHER DATA)

C 3 (Seq. no.)

PUMPING TEST HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 7.14

METHOD USED TO MEASURE PUMPING RATE SUBMERSIBLE

WATER LEVEL (distance from land surface) BEFORE PUMPING 27' 5 1/2"

WHEN PUMPING 161'

TYPE OF PUMP USED (for test): [A] air, [P] piston, [T] turbine, [C] centrifugal, [R] rotary, [O] other, [J] jet, [S] submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES (Y) NO (N)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

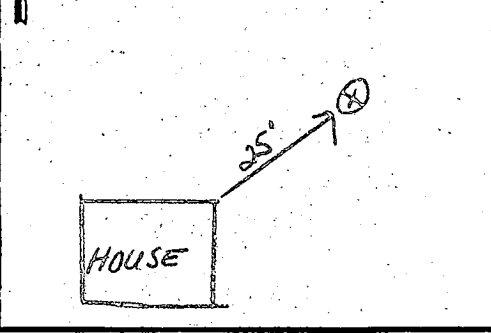
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

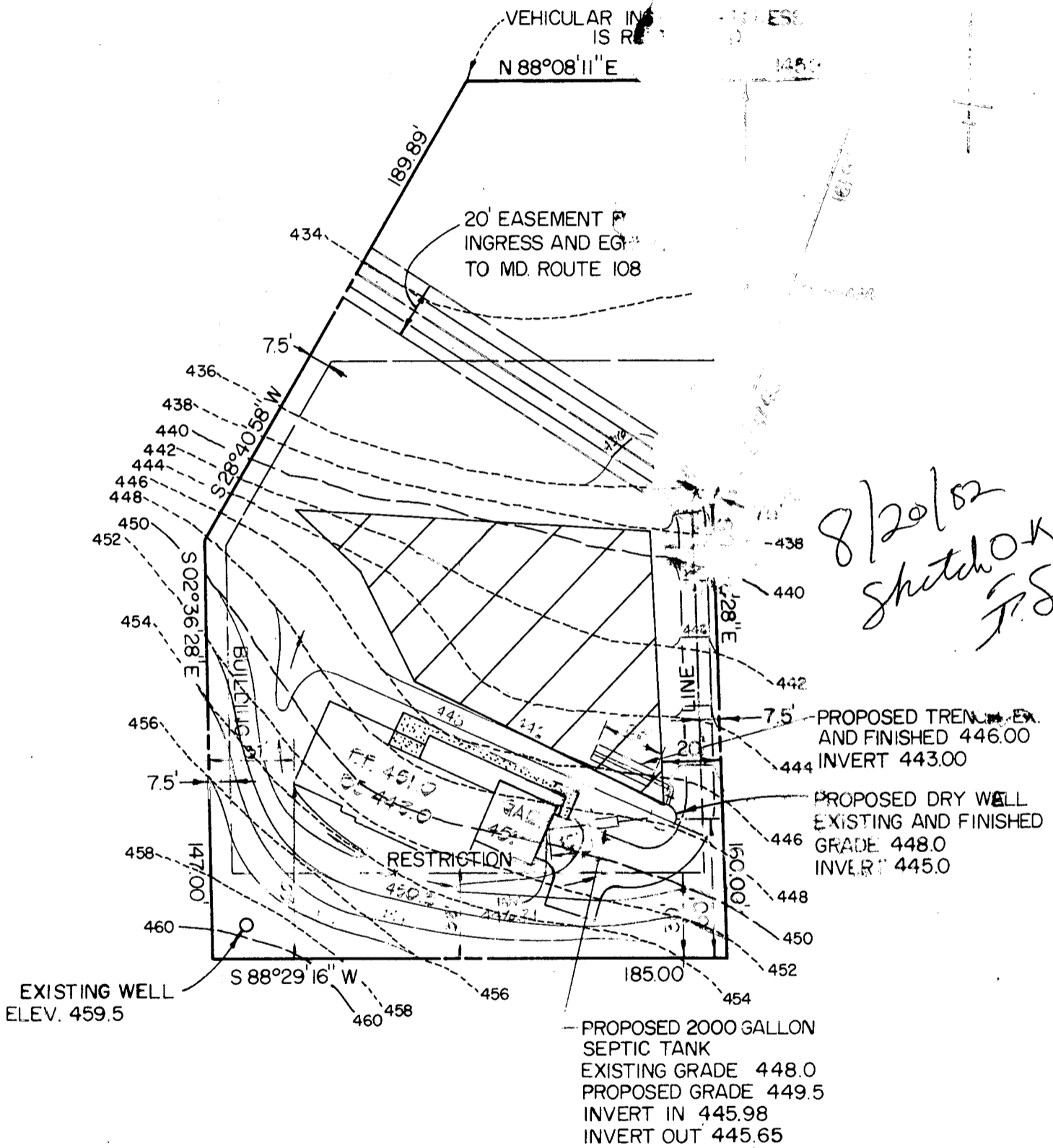
PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height) above/below LAND SURFACE

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)



MARYLAND ROUTE 108



*8/20/82
Sketch OK
J.S.*

PLAN TO ACCOMPANY
APPLICATION FOR BUILDING PERMIT

SEGAL PROPERTY

Lot 2

5th ELECTION

HOWARD COUNTY, MARYLAND

AUGUST 1982

FISHER, COLLINS AND CARTER, INC.

CONSULTING ENGINEERS AND LAND SURVEYORS

8388 COURT AVENUE

ELLCOTT CITY, MARYLAND 21043