

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 1st

INDEX

DATE 7/12/82

P 32019

A 30779

Olen Ketterman

IS PERMITTED TO INSTALL X ALTER

ADDRESS 14960 Frederick Road, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION Talbot's Last Shift

ROAD 5240 Talbot's Landing
3095 Eichester Road LOT # 4-CD

PROPERTY OWNER John and JoAnn Buttram

ADDRESS 3614 Greenvale Road, Baltimore, Md. 21229

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DRY WELL
AND
TRENCH

SEEPAGE PITS X ABSORBENT SIDE-WALL AREA 144 SQ. FT. per bedroom

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 9 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 230 FT. FROM front LOT LINE AND 60 FT. FROM left LOT LINE AS SEEN WHEN

FACING LOT FROM the right-of-way. Add a ditch off the dry well after a 5 ft.

~~XXX~~ earth buffer. Ditch to be 9 ft. deep below original grade with inlet at 4 1/2 ft.

~~below original grade and be filled with 4 1/2 ft. of stone. Run the ditch along level~~

~~ground toward the right side of the lot as seen when facing the lot from the right-of-~~

~~way. Lot is also suitable for a ditch only system (177 sq. ft. per bedroom). NOTE:~~

~~Cleanout to grade required in any section of sewer pipe greater than 50 ft. in length.~~

8/2/82 O.K. to me 10 1/2 ft max depth one 104 ft long trench on F.S.

PLANS APPROVED BY Steve Kiel and Raymond Hodges

DATE 6/16/81

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

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

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 ACCEPTED.

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

BLDG. PERMIT SIGNED

AND RETURNED 7/25/82

Serial # 28563
Prd.

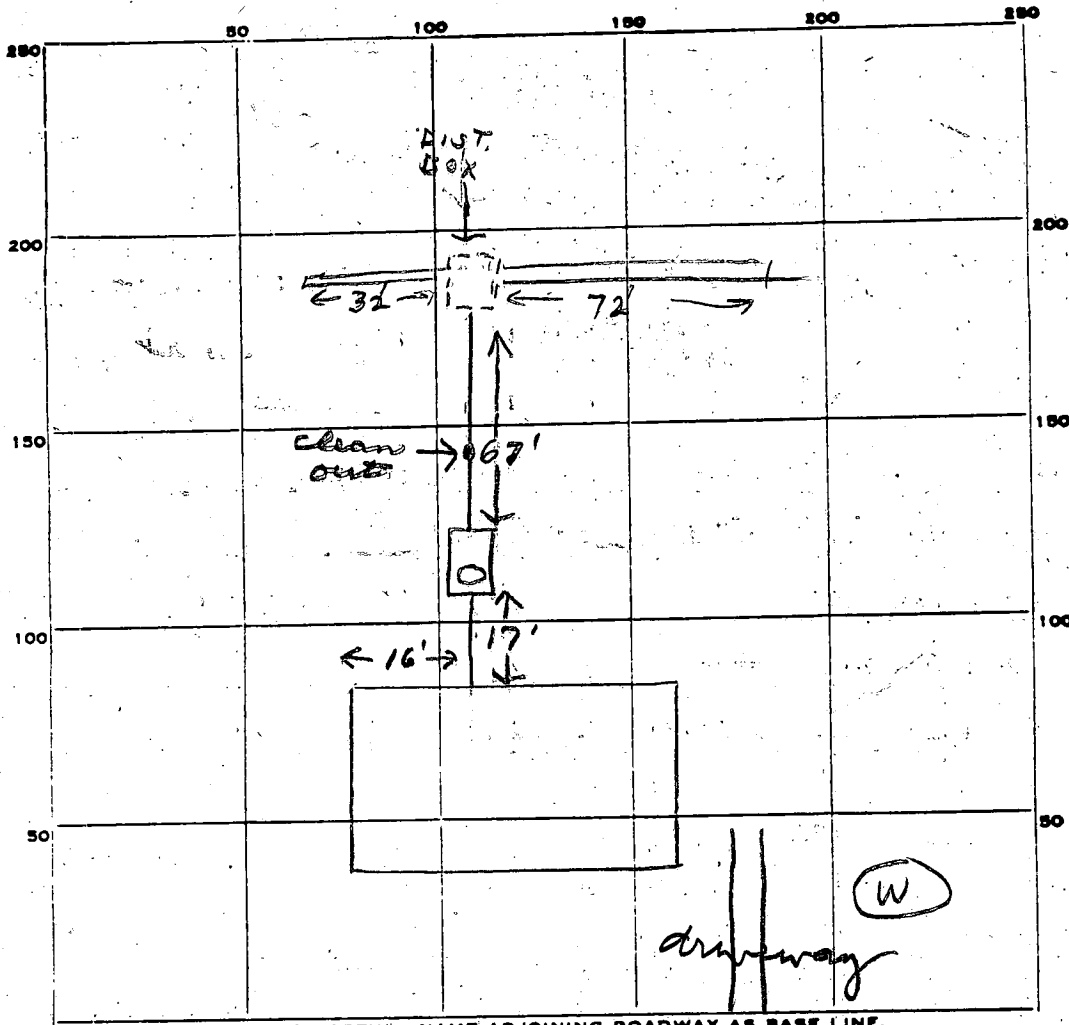
BLDG. PERMIT SIGNED

AND RETURNED 6/12/84

Serial # 59479
Prd.

EH-2-1079

177
4
708



PERMIT CARD _____

SEPTIC TANK, LEVEL ☒ _____

CLEANOUTS ST _____

DISTRIBUTION BOX, LEVEL _____

Man hole

TILE FIELD, DEPTH 10 1/2 FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH 7' IN. TOTAL LENGTH 104 FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

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

ABSORBENT AREA _____ SQ. FT.

REMARKS _____

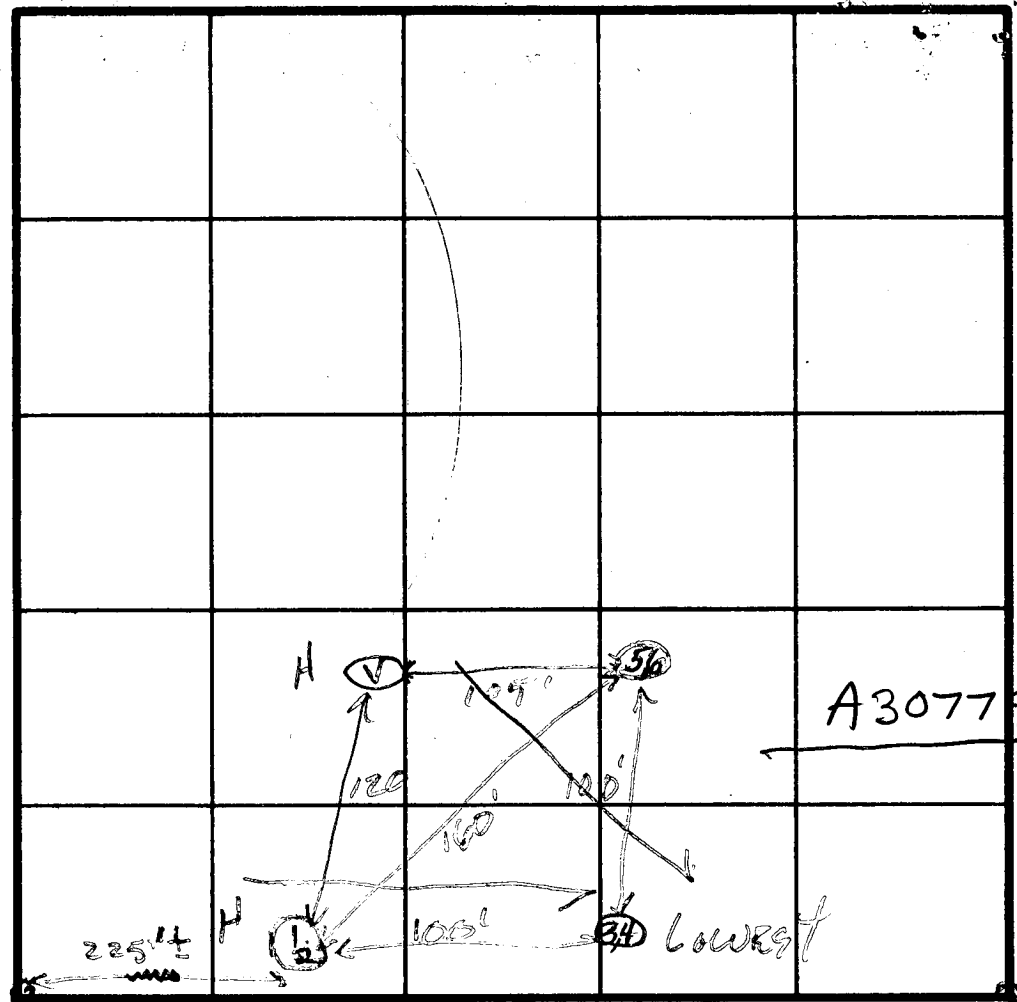
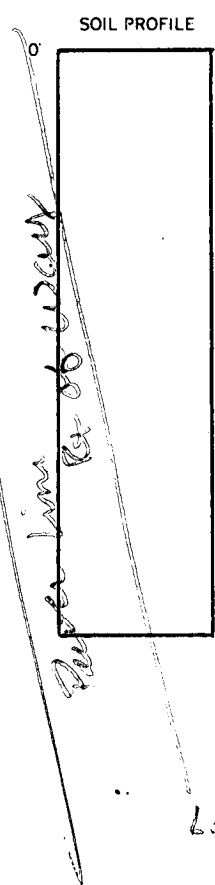
8-5-82 104' TRENCH; 10 1/2' DEEP. OK TO ADD GRAVEL. CALL FOR FINAL CW

8-6-82 7' GRAVEL INSTALLED. OK TO COVER ALL WORK. CW

DATE SYSTEM APPROVED 8-6-82

INSPECTOR CW Blair

Test per
stake



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Lot 5A

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-180	1	4'	3:04	3:05	3:05	3:09	4 min
	2	12'	3:04	3:11	3:11	3:24	13 min
	3	4 1/2	3:21	3:23	3:23	3:26	3 min
	4	12 1/2	3:20	3:25	3:25	3:32	7 min
	5	4	3:38	3:39	3:39	3:43	4 min
am	6	12	3:38	3:42	3:42	4:03	19 min
	V	12	1-4 clayish		4-12	grayish sandy	Loam

REMARKS Open Field. Hole for drilled holes

TYPE OF SOIL _____

TESTED BY Sgt. R.H. 7-1-52 ALSO PRESENT K.H. Rmca

C 1 4836

SEQUENCE NO.
(WRA USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
30 DAYS AFTER WELL IS COMPLETEDCOUNTY
NUMBER

A30779

Date Received
(WRA use only)1/16/80
DATE WELL COMPLETED

Depth of Well

122.50
(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

H0-73-3764

OWNER

last name

Buttrum

first name

Rd

TOWN

Baltimore

Md 21229

STREET OR RFD

3614 GREEN VALE

SUBDIVISION

Talbot's Last Shift

SECTION

LOT

4 9D

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

FROM TO

Check
if water
bearing

Top Soil

0 1

Brown Shale

1 24

Brown Clay

24 32

Granite

32 160

Granite

160 164

Granite

164 220

Granite

220 222

Granite

222 250

12

15

WELL HAS BEEN GROUTED

(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT ☒ BENTONITE CLAY ☒

NO. OF BAGS 7 NO. OF POUNDS 558

GALLONS OF WATER 42

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 33 ft.

(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below☒ STEEL ☒ CONCRETE
☒ PLASTIC ☒ OTHERMAIN
CASING
TYPENominal diameter
top(main) casing
(nearest inch)Total depth
of main casing
(nearest foot)

S T 6 35

OTHER CASING (if used)
diameter depth (feet)
inch from to

EACH CASING

screen type or openhole

insert
appropriate
code
below☒ STEEL ☒ BRASS ☒ OPEN
BRONZE HOLE
☒ PLASTIC ☒ OTHER

C 2 (Seq. no.)

DEPTH (nearest ft.)

EACH SCREEN

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

GRAVEL PACK

IF WELL DRILLED WAS

FLOWING WELL CIRCLE BOX

WRA USE ONLY

(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.)

W Q

70

72

TELESCOPE

LOG

CASING

INDICATOR

OTHER DATA

PUMP INSTALLED YES NO

DRILLER WILL INSTALL PUMP
(CIRCLE APPROPRIATE BOX) ☒ ☒IF DRILLER INSTALLS PUMP, THIS SECTION
MUST BE COMPLETED FOR ALL WELLS
EXCEPT HOME USETYPE 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

LAND SURFACE

below

(nearest foot)

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)

CIRCLE APPROPRIATE BOX

☒ A WELL WAS ABANDONED AND SEALED
WHEN THIS WELL WAS COMPLETED☒ E ELECTRIC LOG OBTAINED☒ P TEST WELL CONVERTED TO PRODUCTION
WELLI HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL
CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT
TO DRILL WELL", AND THAT INFORMATION CONTAINED
IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE
TO THE BEST OF MY KNOWLEDGE, INFORMATION AND
BELIEF.

DRILLERS IDENT. NO.

308

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

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

HEALTH

B-1 1405 SEQUENCE NO. WRA USE ONLY

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

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

please print or type

WRA PERMIT NUMBER

H0-73-3764

fill in this form completely

DATE RECEIVED

8 (WRA USE ONLY.) 13

OWNER INFORMATION

Buttram John
 LAST NAME OWNER FIRST NAME
 3614 Greenvale Road
 STREET OR RD.
 Baltimore MD 21229
 TOWN STATE ZIP

B-1 CONTINUED DRILLER INFORMATION

Stanley W. Bollinger Sr 308
 DRILLER'S NAME LICENSE NO. 80
 12/8/80
 SIGNATURE DATE

B-2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN) 5
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

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 165 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

Method of Drilling (circle one)

BORED (OR AUGERED) JETTED JETTED & DRIVEN
 AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC)
 CABLE REVERSE ROTARY DRIVE POINT ROTARY
 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 DEEPEMED AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (WRA USE ONLY)

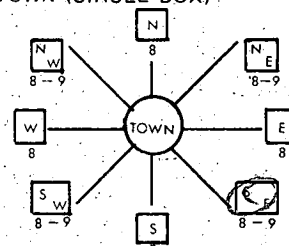
APPROX. PERMIT NUMBER GAP
 FORCE INITIALS CONDITIONS
 WRITE IN BOX

B-5 SPECIAL CONDITIONS (WRA USE ONLY)

B-3 LOCATION OF WELL

COUNTY Howard
 SUBDIVISION Howard Assoc. Property
 SECTION 44 LOT 4 C/D
 NEAREST TOWN ELLICOTT CITY
 MILES FROM TOWN (enter 0 if in town) 3 1/2 MI

B-4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



IC Chester NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 3/4
 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 38-39

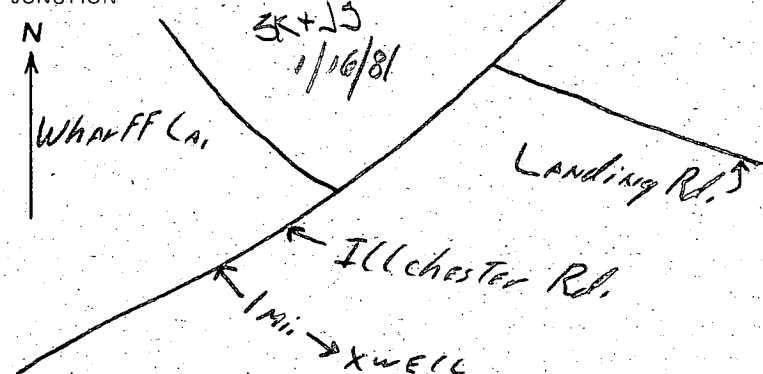
SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX

35' casing 1' above grade
 33' open hole
 7 bags cement

WRITE THE BOX NUMBER FROM THE MAP HERE

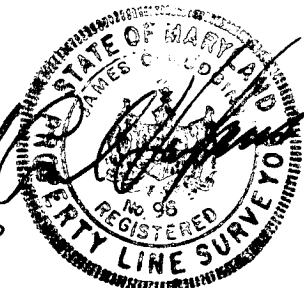
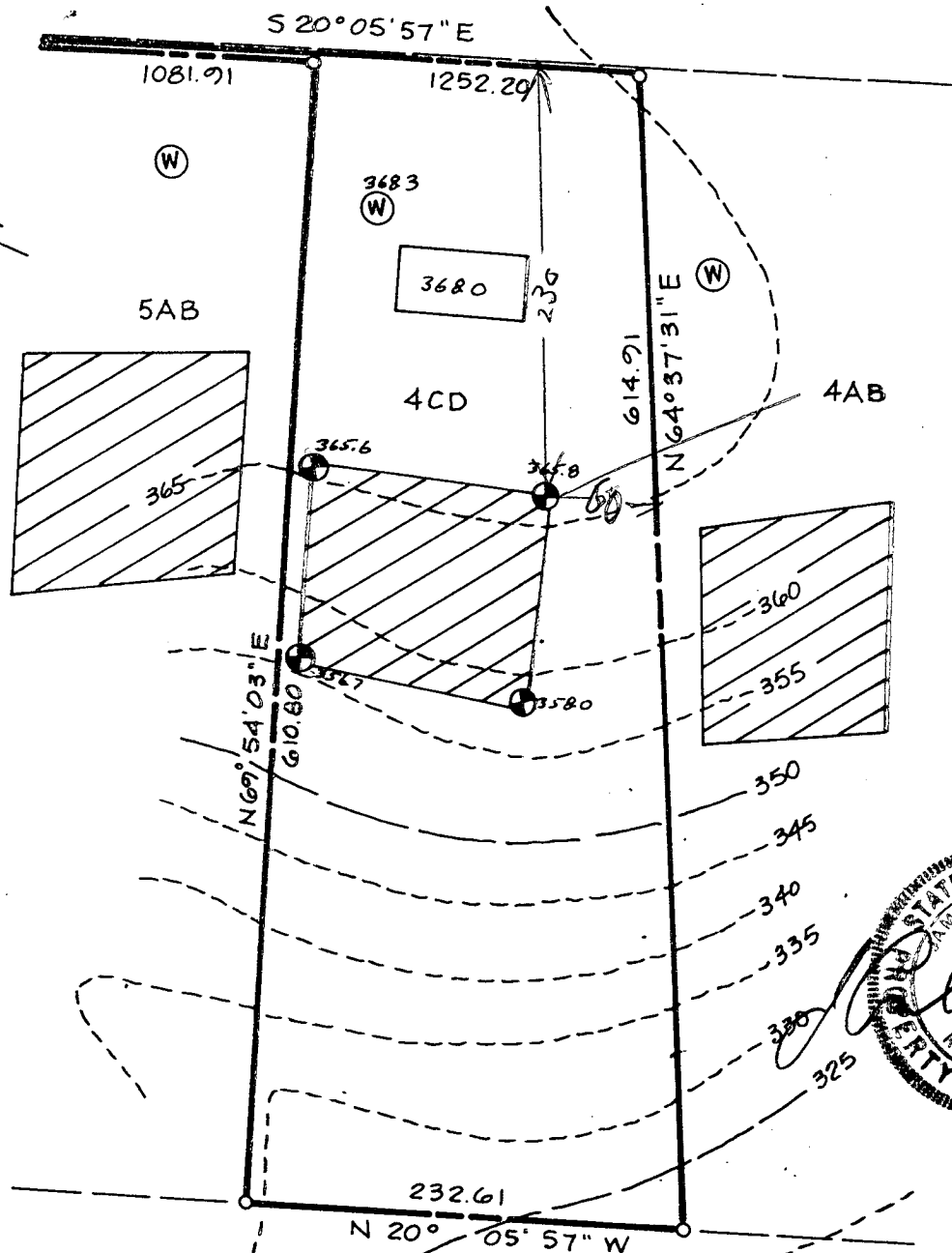
860
 510.500

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



B-4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A30779
 COUNTY NAME COUNTY NO.
 EHA SIGNATURE STATE HEALTH CIRCLE BOX
 MO DAY YR Fred Frommelt, Sanitarian
 1 2 0 9 8 0
 NORTH 506 EAST 0865 ELEV. (FT.)
 GRID 50 55 GRID 57 63 65 68



This area indicates a private easement of approximately 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual disposal. Improvements of any kind in this area are restricted until public sewage is available and servicing any residential structures constructed on this site. This easement shall become null and void upon connection to a public sewage system. Percolation test holes shown hereon have been field located and shown as "•".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene. Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

County Health Officer

Date

11-7-80

PERCOLATION TEST PLAT
PARCEL 4CD
TALBOT'S LAST SHIFT
PROPERTY OF
HOWARD ASSOCIATES
ILCHESTER ROAD
1st Election District
Howard County Maryland
Scale: 1"=100' Date: 7-18-80

NTT Associates
Suite 307
Clark Bldg.
Columbia Md. 21044
321-0307

TO ILCHESTER RD.

S20°05'57"E
1081.91'

EX. MAG. ROAD
S20°05'57"E - 1252.43'

60' R/W

EDGE R/W

EX. WELL

WHC

WINCHESTER
1 BEDROOM
F.P. 371.33
C.P. 363.55
39.75

PROVIDE
MANHOLE
TO GRADE

4CD
3.003 AC. ±
R-20

1/8/82
Cleanout
required
in sewer line
between
septic tank
& drywell

INV. @ WALL - 362.05

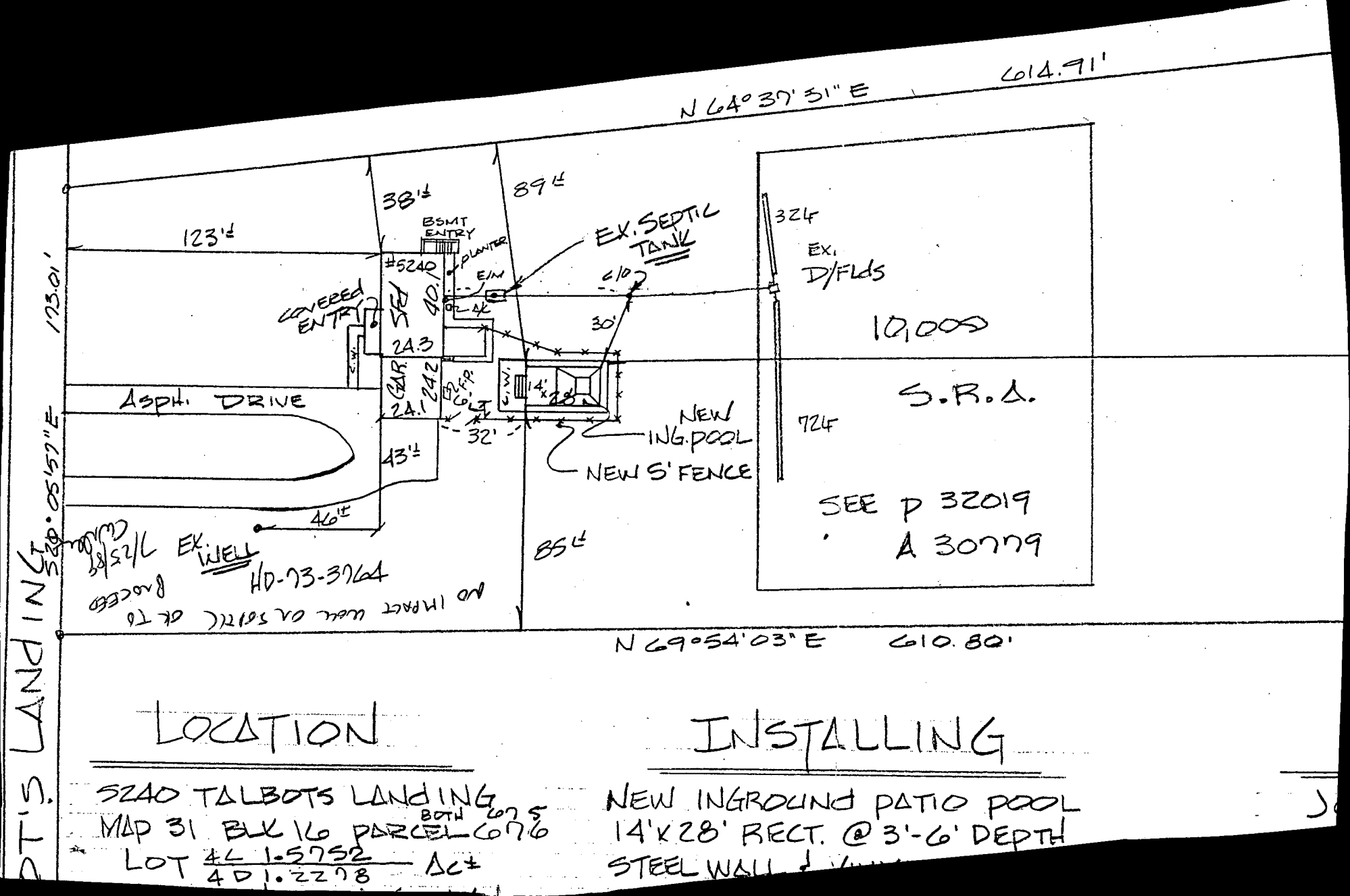
1250 GALLON SEPTIC TANK
FIN. GR. @ TANK 362.50
INV. IN 361.95
INV. OUT 361.70

DRY WELL
EX. GR. 364.80
FIN. GR. 364.80
INV. 360.80

TRENCH - 55 L.F.
FIN. GR. 364.40
BOTTOM 355.40
INLET 353.00
TOP 353.00
3' WIDE x 4 1/2' DEEP TRENCH

2 10,000 ± SEWAGE
DISPOSAL AREA

1/8/82
Sketch O.K.
Cleanout must
be installed
as per above comment
J.S.



LOCATION

INSTALLING

5240 TALBOTS LANDING
 MAP 31 BLK 16 PARCEL 6076
 LOT 46 1.5752
 401.2278 ΔC±

NEW INGROUND PATIO POOL
 14' X 28' RECT. @ 3'-6" DEPTH
 STEEL WALL