

9/15/88
 9/21-88
 9-23-88
 9/24/88
 10/6/89

05-398398
PERMIT

MUST SEE PUMP SYSTEM
 IN OPERATION. SW
 P.M. 10/6 Pumps
 L. 10/6/89

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY
 BUREAU OF ENVIRONMENTAL HEALTH
 461-9933

INDEXED
 59.46
 DRCT. CO. 21207

DATE 9/14/88
 P.M. 10/6/89
 DATE SYSTEM APPROVED
 (Pumps only)
 INSPECTOR C. B. J.

P 42553
 33502

page 1

Charney's Plumbing Company, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 3801 Offutt Road, Randallstown, Maryland 21133 PHONE

SUBDIVISION Brighton Pines II ROAD 13710 Loria Court LOT 3

PROPERTY OWNER Charles Janson

ADDRESS

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

GARBAGE GRINDER? YES NO X

612 540 6 60
 8. 480 100 trench
 480 60
 3(540 sq ft)
 180 ft trench

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 490 feet up the left 859.05' lot line and 60 feet from the left side line as seen when facing the lot from Loria Court. Run trenches on contour back toward the left lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OKICW INSTALL TOP SEPTIC TANK WITH PUMP AND DUAL PUMPS.

HOUSE MISLOCATED - SEPTIC SYSTEM IMPACTS ON SEPTIC AREA. PLACE DRYWELL AT HIGH CORNER OF SEPTIC AREA 15' DIA. 3' INLET

5' to PL
 15' to garage

PLANS APPROVED BY Sid Abel DATE 4/26/88

COVER NO WORK UNTIL INSPECTED AND APPROVED. ADD TRENCH BETWEEN HOUSE & LOT LINE. INLET 2', BOTTOM 8"

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM. 6' STONE

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 9/14/88

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL. (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES).

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 TWO 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.

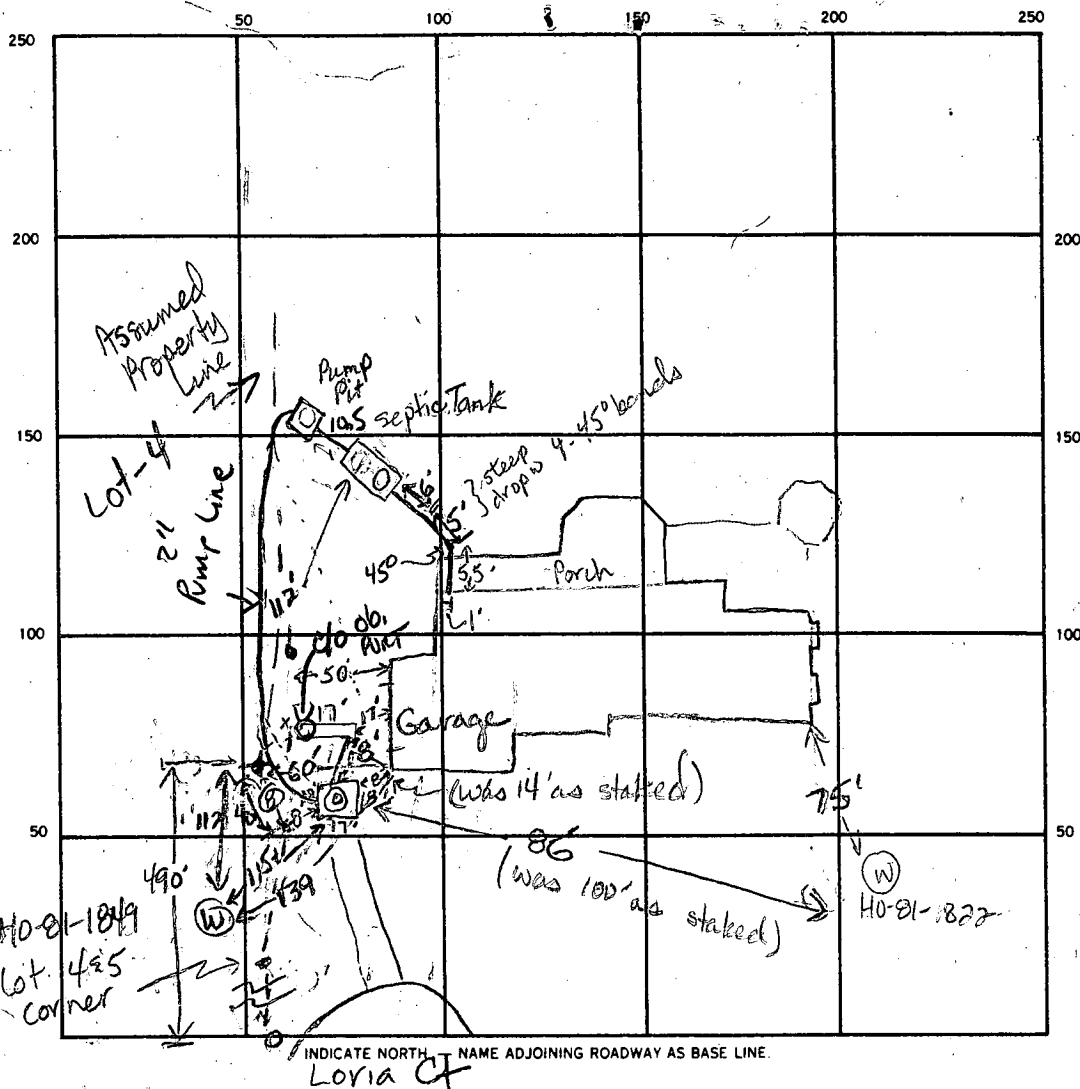
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A33502



23.5
15
21.5
12

23.5
21.5
07.3
190

3
5
2
3
116
199

9/16/88 #8
TEST HOLE, OVER
AT 490' MARK
ALONG LEFT LOT
LINE.
SOILS OK TO 13'
OK TO INSTALL
DRYWELL TO 11'
C.W.

Pump tank 500 gal ✓
SEPTIC TANK LEVEL 1000 gal

1 cleanout on drywell
CLEANOUTS 2 manholes on tank, 1 MH on pump tank,

DISTRIBUTION BOX LEVEL none N/A

DRAIN FIELD/TILE FIELD DEPTH 8.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2.5 FT.

EFFECTIVE GRAVEL DEPTH 6' FT. TOTAL LENGTH 17 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 102 SQ. FT.
outside area 17' x 18' x 11' deep
DRYWELL INSIDE DIAMETER 17 ft EFFECTIVE DEPTH BELOW INLET 7 FT.

17	18	34	70
x 2	x 2	+ 32	17
34	36	70	490

490+
ABSORBENT AREA 490+102 = 592 SQ. FT.

REMARKS 10:50am - 11:30 9-15-88 Contractor gone to phone. No work started. Measured from house stake. JEN
9-15-88 11:40 Measured from cul-de-sac to 490 ft. House has been moved into middle of septic area.
Contractor must stop work immediately JEN 9-20-88 10:40am Septic tank & pump pit locations acceptable. Must connect to house & drywell. JEN 9-20-88 2:40pm Septic tank and pump tank connected. Must have MH at inlet of tank; at outlet is optional; at pump tank optional. JEN 9-21-88 10:20am No progress. JEN
9-21-88 2:50pm Drywell started. Outside hole is only 86' from well but downhill. JEN 9-22-88 12:10pm Top of drywell at 40, need 2ft more blocks. JEN 9-22-88 Additional size of pit, ok to have 7 1/2 blocks. JEN 9-23-88 11:40 Dry well ok. JEN.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 42553
A 33500

DISTRICT 5th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

page 2

DATE 9-14-88
P.M. 10/6/89

DATE SYSTEM APPROVED

INSPECTOR C. B. J.

Charney's Plumbing Company, Inc. IS PERMITTED TO INSTALL ALTER
ADDRESS 3801 Offutt Rd, Randallstown, MD 21133 PHONE _____
SUBDIVISION Brighton Pines II ROAD 13710 Loria Ct LOT 3
PROPERTY OWNER Charles Janson
ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

PLANS APPROVED BY _____ DATE _____

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL. (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

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NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

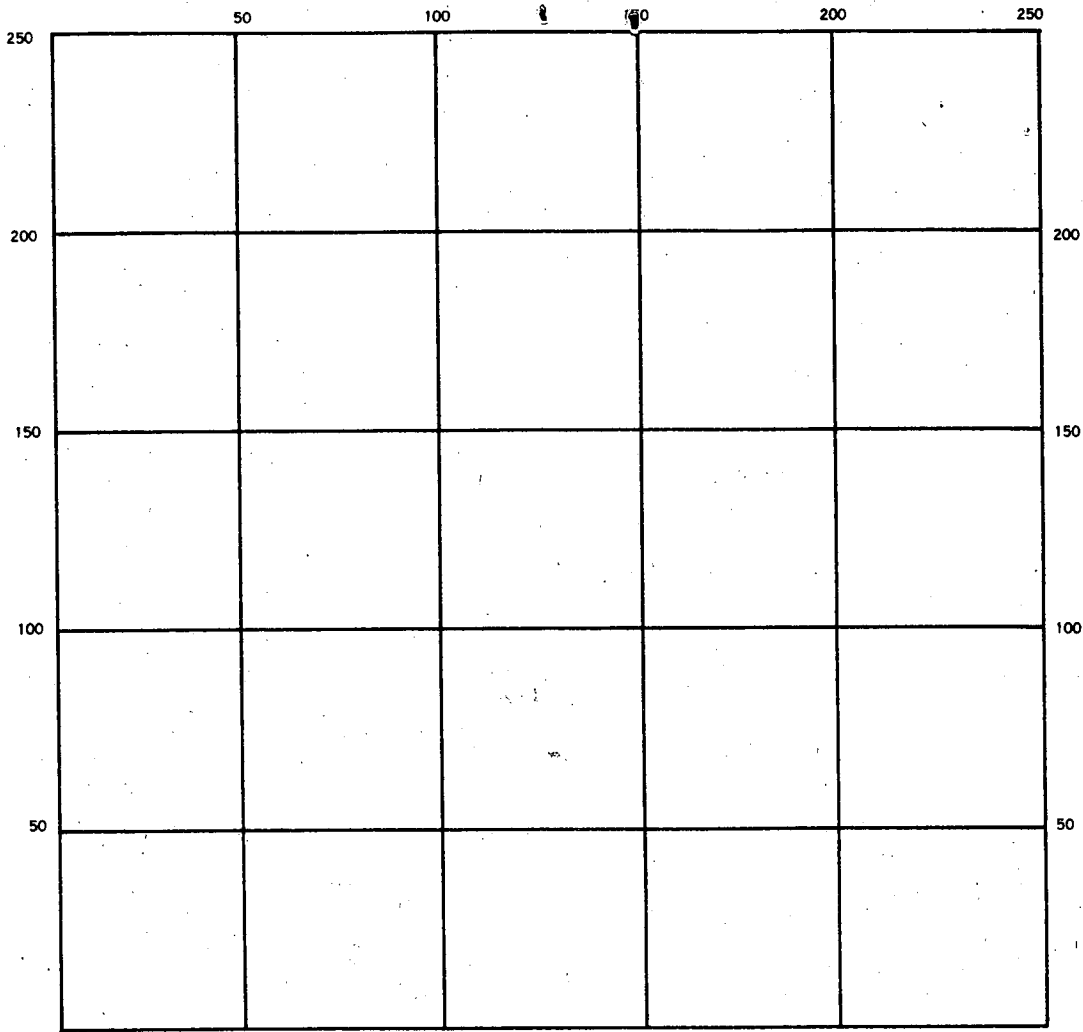
PERMIT VOID AFTER TWO YEARS.

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.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

see page 1

SEPTIC TANK, LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

DRAIN FIELD/TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 9-27-88 Trench ok to add stone, pipe & paper. Ok to add
cleanout to tail end of trench. Connect pump lines to drywell & septic tank.
Area noted w/ X ran into large rock at end of trench. JEN 9-27-88
OK to cover trench once c/p attached to tail end. Connect pump line to drywell JEN
10/6/89 PUMPS ONLY - A.M. NOT APPROVED; P.M. OK ON PUMPS.
C.B.E. *C.B.E.*

DATE SYSTEM APPROVED 10/6/89 INSPECTOR C. Byron Steady Pg 2

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 33502

P _____

DISTRICT 5

DATE 1-30-84

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 ANNA MAC CARTHY

ADDRESS 4100 Cathedral ave DC 20016 PHONE 202-363-2725

PROPERTY LOCATION:

SUBDIVISION Preppert Prop LOT NO. 13

ROAD AND DESCRIPTION Nicholes Dr.

SIZE OF LOT 3A TYPE BLDG. SFD
(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.

Richard J. Bennett 465-0842
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

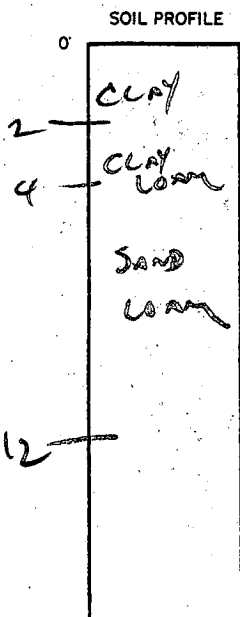
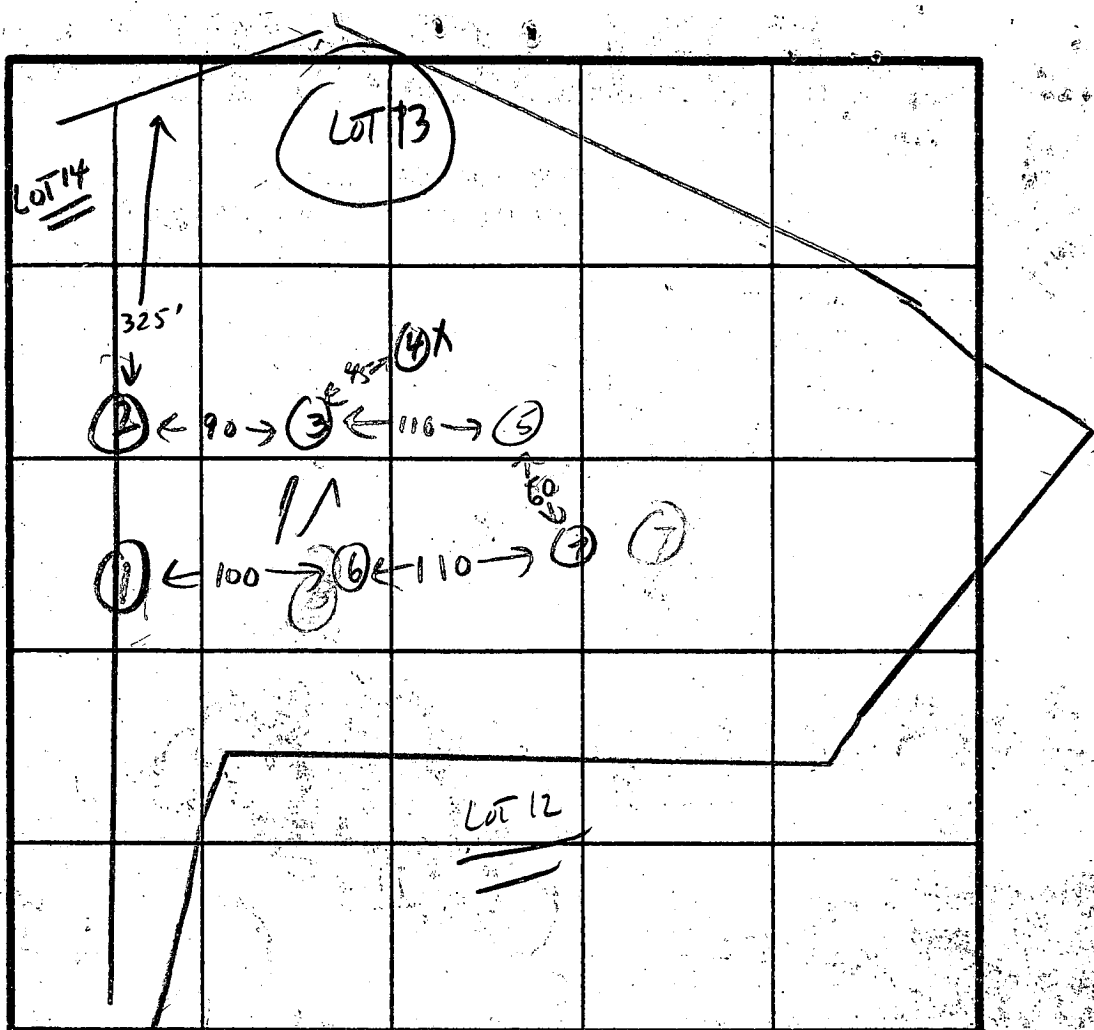
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

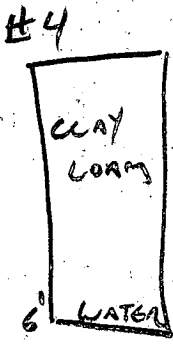
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

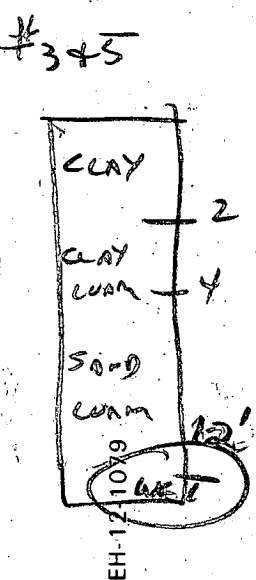
#1, 2, 6, 7



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-2-84	1	3 8 12	1:02 SAND	1:04 LOAM	1:04	1:06	2 MIN
3-2-84	2	3 8 12	1:02 1:06 SANDY	1:06 1:08 LOAM	1:06 1:08	1:12 1:10	5 MIN 2 MIN
3-2-84	3	3 8 12	1:21 SANDY	1:23 LOAM	1:23	1:26	3 MIN
		12	DUST AT 12'				
3-2-84	4XW	6'	CLAY LOAM TO 6'	WATER AT 6'			POSSIBLY TRAPPED WATER X
3-2-84	5	3 8 12	1:19	1:22 SAND LOAM	1:22	1:25	3 MIN
3-2-84	6 H166	3 8 12	1:20	1:22 SAND LOAM	1:22	1:24	2 MIN
3-2-84	7 H166	12	1:20	1:22 SAND, DRY	1:22	1:24	2 MIN



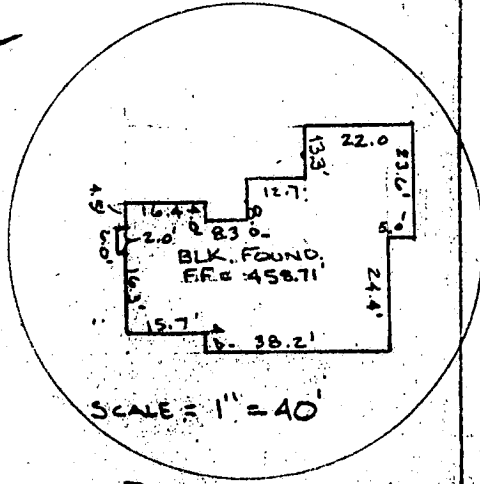
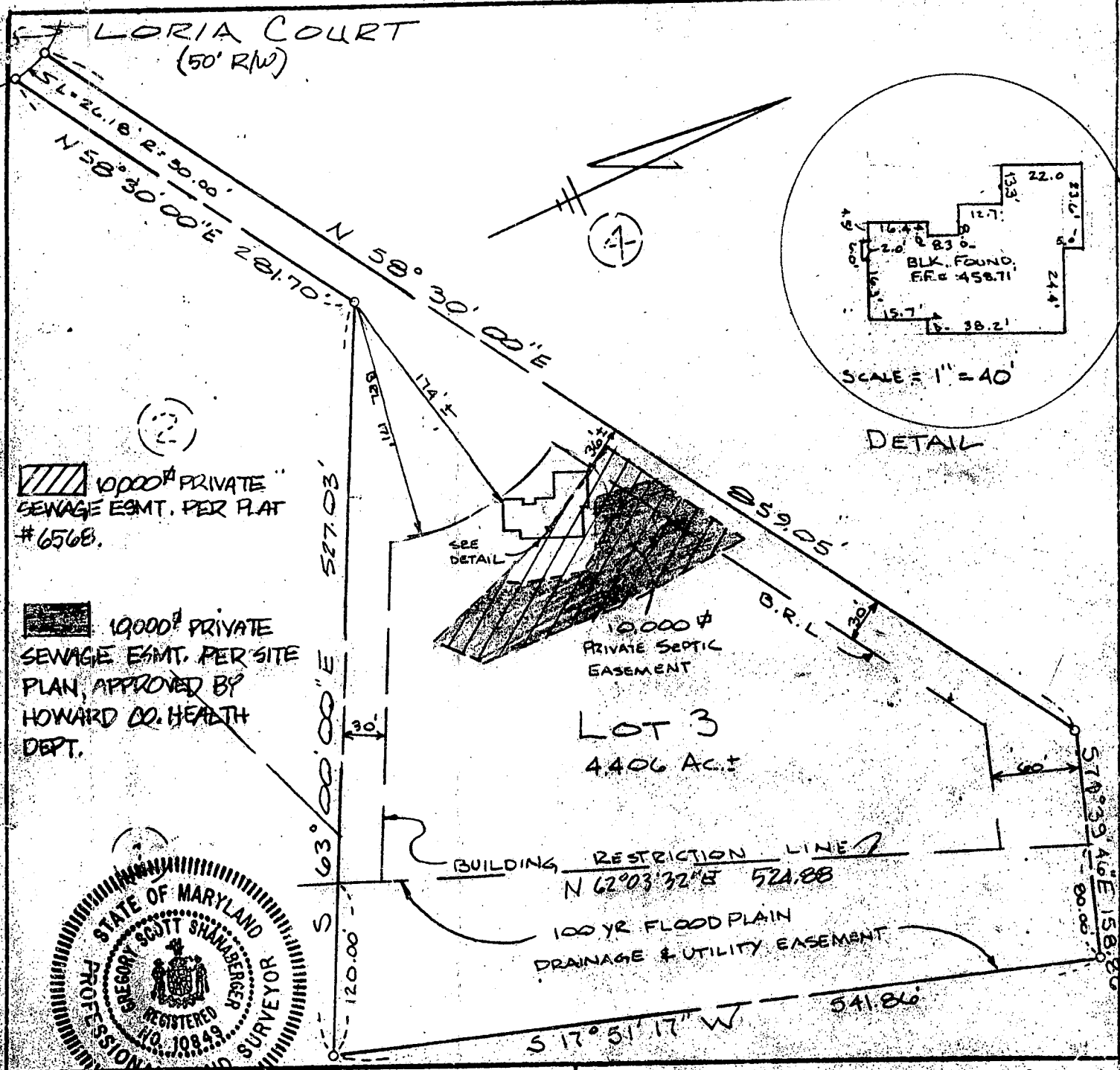
REMARKS HOLES #2 ON EDGE OF LOT 13 & 14 5' Δ ELEV. HOLE #4 TO HOLES 3 & 5


TYPE OF SOIL SAND LOAM (LOT LINES EXPECTED TO CHANGE SOMEWHAT)


TESTED BY C. Williams ALSO PRESENT DONALD CISEL

EH-17

CRAIG WILLIAMS



 10,000^{sq} PRIVATE SEWAGE ESMT. PER FLAT # 6568.

 10,000^{sq} PRIVATE SEWAGE ESMT. PER SITE PLAN, APPROVED BY HOWARD CO. HEALTH DEPT.



I HEREBY CERTIFY THAT I HAVE LOCATED THE IMPROVEMENTS AS SHOWN. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY & CANNOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

Gregory Scott Shanaberger 9/26/88
SHANABERGER & LANE
 8726 TOWN & COUNTRY BLVD.
 SUITE 203
 ELLICOTT CITY, MD. 21043
 (301) 461-7563

FOUNDATION CERTIFICATION
 LOT 3
 SECTION ONE AREA TWO
BRIGHTON PINES PLAT # 6568
 ELECTION DISTRICT : 5TH
 COUNTY : HOWARD COUNTY, MD
 SCALE : 1" = 100'
 DATE : SEPT. 23, 1988

PL6556 T YPE

9/16/88

CHARLES JANSON

~~13710~~ 5948 HARFORD AVE

BALTIMORE MD 21207

RG1 SEPTIC SYSTEM INSTALLATION

LOT 3 BRINGTON PINES II

13710 CORIA CT

DEAR MR JANSON

ON SEPTEMBER 15, 1988 YOU WERE ALERTED THAT A STOP-WORK-ORDER HAD BEEN PLACED ~~ON YOU~~ ON THE SEPTIC SYSTEM PERMIT FOR THE ABOVE REFERENCED PROPERTY. A PROBLEM WITH THE HOUSE LOCATION HAD IMPACTED THE AREA AVAILABLE FOR SEPTIC SYSTEM INSTALLATION.

ON SEPTEMBER 16, WE MET AT THE SITE TO DETERMINE HOW THE SITUATION COULD BE REMEDIED.

~~THE CONCLUSION~~

IT WAS CONCLUDED THAT THE ORIGINALLY PROPOSED STARTING POINT FOR THE SEPTIC SYSTEM WAS THE ONLY POSSIBLE LOCATION. THE PLACEMENT OF THE HOUSE DICTATED THAT A PUMP-SYSTEM WAS REQUIRED TO GET THE SEWAGE TO THAT POINT. TO MAKE MAXIMUM USE OF THE LIMITED AVAILABLE AREA, A CHANGE FROM SHALLOW TILE FIELD TO A DRYWELL CHANGE WAS RECOMMENDED.

THE STOP-WORK-ORDER IS LIFTED SUBJECT TO THE LISTED
FOLLOWING IS ~~THE ADJUSTED SCALE SYSTEM~~ SEPTIC DESIGN
~~DESIGN THAT WAS AS DETERMINED AT THE SITE,~~ ADJUSTMENTS.

- 1) A TOP SEAMED SEPTIC TANK WITH PUMP PIT,
DUAL PUMPS AND APPROPRIATE CONTROLS AND ALARMS
IS REQUIRED.
- 2) A DRYWELL SHOULD BE INSTALLED NEAR THE LEFT
LOT LINE, 490' ^{OR LESS} FROM THE FRONT EDGE OF THE PROPERTY.
THE DRYWELL EXCAVATION SHOULD BE 15 FT SQUARE,
WITH BOTTOM AT 11', INLET AT 3'.
- 3) A TRENCH SHOULD BE ADDED ^{12'} BELOW THE DRYWELL,
~~AS~~ TO THE LENGTH THE SITE WILL ALLOW. THE
TRENCH SHOULD HAVE A BOTTOM DEPTH OF 8 1/2' WITH
AN INLET AT 2 1/2'.
- 4) ~~THE TRENCH IS RECOMMENDED BEYOND~~
THE TRENCH IS NOT NECESSARY TO ACHIEVE BASIC
DESIGN CRITERIA, BUT IS RECOMMENDED TO PROLONG
THE LIFE OF THE SYSTEM. IF INSTALLED, A ~~TRE~~
PAVED DRIVEWAY OVER THE SEPTIC AREA WILL BE ACCEPTED.

IF YOU HAVE ANY QUESTIONS:

COPY, JOHN CHANEY

INVERT @ HOUSE 447.8

SEPTIC TANK

EX. GRADE	453.0
FIN. GRADE	455.0
INV. IN	449.5
INV. OUT	447.2

manhole to
grade required

DISTRIBUTION BOX

EX. GRADE	451.8
FIN. GRADE	451.8
INV. IN	449.1
INV. OUT	447.1

TRENCHES

	1	2	3
EX. GRADE	452.0	450.0	448.0
FIN. GRADE	452.0	450.0	448.0
INV. IN	449.0	447.0	445.0

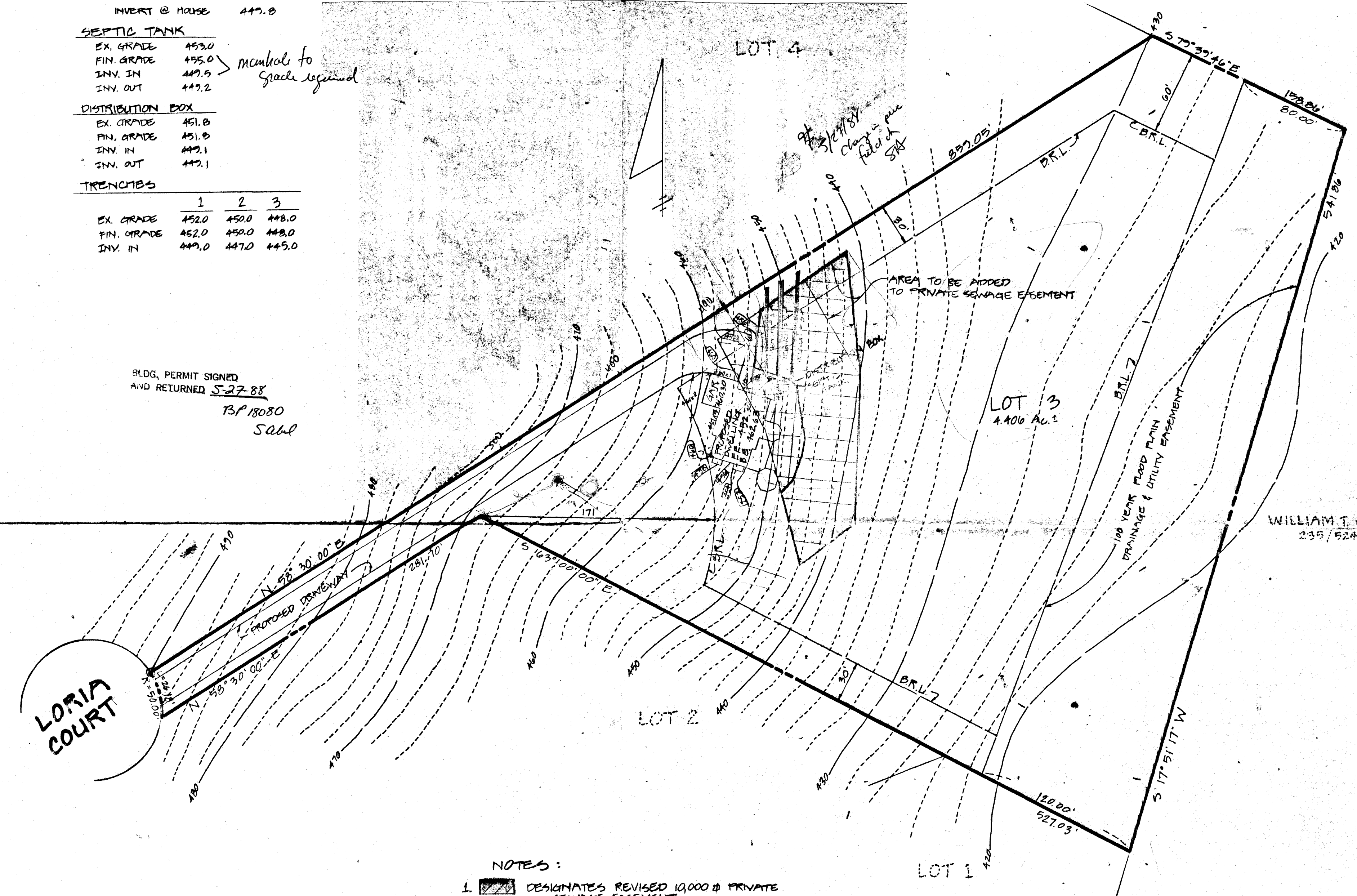
BLDG, PERMIT SIGNED
AND RETURNED 5-27-88

BP 18080
Sabl

LORIA COURT

SHANABERGER LANE

8726 TOWN & COUNTRY BLVD.
SUITE 203
ELLICOTT CITY, MD 21043
(301) 461-9563



NOTES:

1. [Hatched Box] DESIGNATES REVISED 10,000 # PRIVATE SEWAGE EASEMENT.
2. [Cross-hatched Box] DESIGNATES DELETION FROM PRIVATE SEWAGE EASEMENT..

SITE PLAN
LOT 3
BRIGHTON PINNACLES

SECTION ONE, AREA TWO
5TH ELECTION DISTRICT
HOWARD COUNTY, MD
TAX MAP 34
SCALE: 1" = 30'
DATE: 5/25/88

C1 3761

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 33-502

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid

DEPTH OF WELL grid

PERMIT NO. grid

OWNER DEVELOPMENT HIGHLAND last name first name TOWN DAYTON STREET OR RFD LORIE CT SUBDIVISION BRINTON PINES SECTION 2 AREA 2 LOT 3

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. Includes handwritten entries like 'SAND' and '91 345'.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 20 NO. OF POUNDS 1880 GALLONS OF WATER 120 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 50 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE 51 Nominal diameter top (main) casing (nearest inch) 60 Total depth of main casing (nearest foot) 61 OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open-hole insert appropriate code below ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER

DEPTH (nearest ft.) grid with handwritten values 40, 78, 345

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) grid

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 1/2 METHOD USED TO MEASURE PUMPING RATE bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 67 WHEN PUMPING 24 1/2 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES 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 PUMP HORSE POWER 37 PUMP COLUMN LENGTH (nearest ft.) 43 CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE 2 (nearest foot)

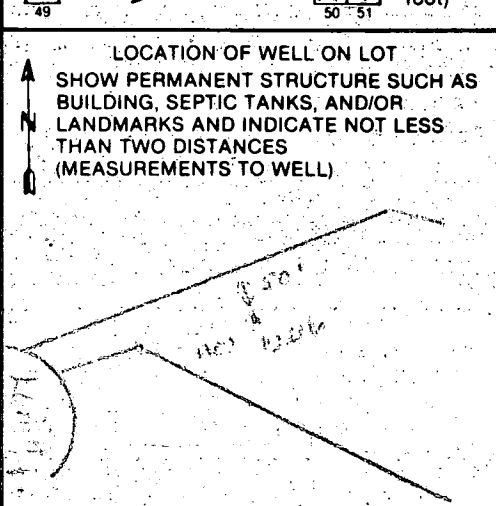
CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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. 237 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA



NO PAID
(PART OF CHECK 1012)
RECEIPT TO FOLLOW
9/14/88 CW

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X Replacement _____ Receipt # 42534
Date 9/14/88
Name of Installer JOHN CHARNY Telephone _____
License Number 3311
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X
Name of Property Owner JANSEN, CHAS Telephone _____
Subdivision BRIGHTON PINES II Lot # 3 Well Tag # HO-81-1822
Site Address 13710 LORIS CT

Pump
1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible _____
2. Make _____
3. Model # _____
4. Capacity _____ GPM
5. Pump exceeds well capacity Yes _____ No _____
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Motor
1. Horsepower _____
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220 _____

Pitless Adapter
1. Make _____
2. Model # _____
3. Depth _____

Tank
1. Capacity _____
2. Pressure relief valve? _____

Piping
1. Type _____
2. Size _____
3. NSF and/or BOCA Code approved _____
4. Depth of supply line _____

Well data
1. Depth 345 ft.
2. Yield 1 1/2 GPM
3. Static water level 64 ft.
4. Will water supply be disinfected by installer? _____

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

OK'D without INSP
10/5/89 CW

Signature of Applicant: John A Charny
Date: 9-14-88

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1822
 Location of property (road) LORIA CT.
 Subdivision BRIGHTON PINES Lot 3 Block _____ Plat _____ Sec. 1 AREA 2
 Well Driller JOSEPH MAYNE Owner DEVELOPMENT, HIGHLAND

Depth of well 345
 Distance of measuring point (M.P.) above ground 2 Ft.
 Static water level (S.W.L.) below M.P. 67

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 12 gal
 Total time 60 min to reach pumping water level 296 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 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:45	118	5		12
8:00	165	5		12
8:15	230	5		12
8:30	296	5		12
8:45	296	48		1.4
9:00	296	43		1.4
9:15	296	45		1.4
9:30	296	43		1.4
9:45	296	42		1.4
10:00	296	42		1.4
10:15	296	43		1.4
10:30	296	43		1.4
10:45	296	42		1.4
11:00	296	43		1.4
11:15	296	43		1.4
11:30	296	43		1.4
11:45	296	43		1.4
12:00	296	43		1.4
12:15	296	43		1.4
12:30	296	43		1.4
12:45	296	43		1.4
1:00	296	43		1.4
1:15	296	43		1.4
1:30	296	43		1.4
1:45	296	43		1.4
2:00	296	43		1.4

B 7 1556 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

10-91-1922 fill in this form completely

Date Received

121786

OWNER INFORMATION

HIGHLAND DEVELOPMENT

19707 LAKESIDE DRIVE

CLARKSVILLE MD 21029

B 3

LOCATION OF WELL

HOWARD COUNTY

RAIGHT ON PINES

SECTION 2 LOT 3 AREA 2

DAYTON

MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION

Joseph L. Mayne 238 77 License No. 80

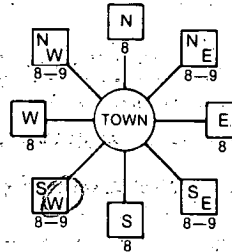
Joseph L. Mayne WELL DRILLING

5512 Ridge Rd. Mt. Airy Md. 21771

Signature: Joseph L. Mayne Date: 12/12/86

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Toria Court NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



353 DISTANCE FROM ROAD

ENTER FT or MI FT

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

HOWARD COUNTY NAME A 33502 COUNTY NO.

OEP SIGNATURE STATE HEALTH INSERT S

DATE ISSUED 122286 Raymond Hodges 6/22/86

NORTH GRID 501000 EAST GRID 0803000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 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

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)

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

APPROP. PERMIT NUMBER GAP

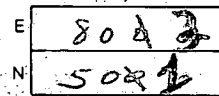
FORCE 111 PERMIT No. 10-91-1922

SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

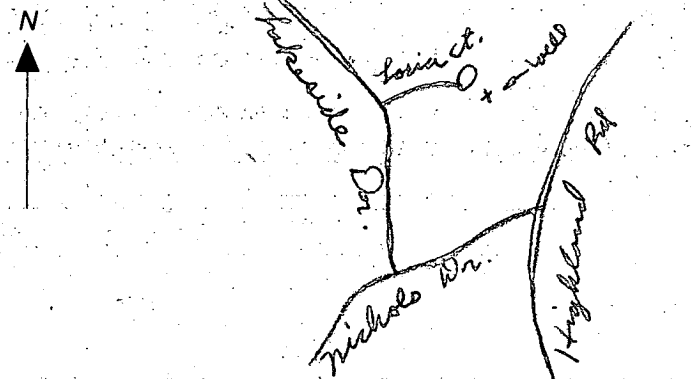
- SOURCES OF DRILLING WATER
1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



Handwritten notes: 3/5/87 WELL GROUT OK SEE OTHER SIDE WELL BH

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



- ① 100 FT PIPE
- ② 50' OR MORE OPEN HOLE
- ③ 20 BAGS
- ④ WELL ALREADY GROUTED 1106
- ⑤ WELL GROUTER JOB GAVE INFORMATION
ARRIVED LATE 1100 AM &
GROUT WAS SCHEDULED FOR 9 AM

B. Hodge

