

10/13/98
10/14

Need water line for hoting where
less than 10ft to septic line

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-398371

P 510237

A 33505

DISTRICT 5th

DATE 7-2-98

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 10/14/98

INSPECTOR *DS*

INDEXED

WTC III Plumbing & Heating, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 1820 Gillis Falls Rd, Woodbine, MD 21797 PHONE 410-489-4457

SUBDIVISION Brighton Pines LOT 4 ROAD 13711 Loria Court

PROPERTY OWNER Nantucket Island Homes, Inc. *NIEL ROMANO*

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

BLDG. PERMIT SIGNED
AND RETURNED 10-28-98
Serial # B70 114752
Instal. 1-500 PROPANE
TANK

TRENCHES - Trench to be 2 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 85 feet off the 859.05' lot line and 210 feet off the 359.47' lot line as seen when facing the lot from Loria Court. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 2/4/98 DS*

PLANS APPROVED BY Donna K. Soe DATE 02/03/98

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, 90° ELBOWS NOT ACCEPTABLE.

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

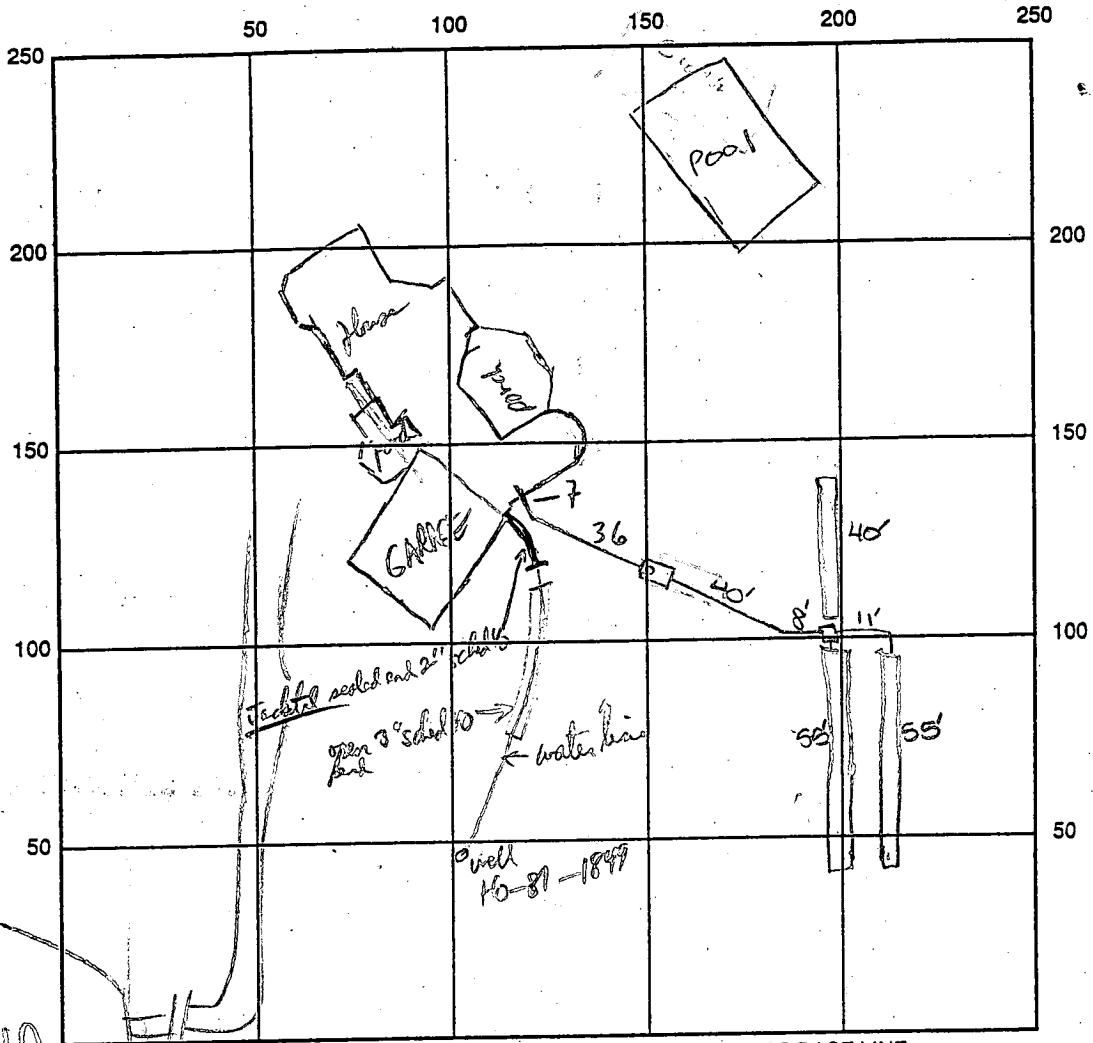
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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 PVA 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



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

LORIA CT

SEPTIC TANK LEVEL OK-1250 gal CLEANOUTS one on s.t.
 DISTRIBUTION BOX LEVEL OK
 DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 FT.
 EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 1 x 40', 2 x 55' FT. → 150'
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 750 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA — SQ. FT.

REMARKS: 10/13/98 OK TO EXTEND TRENCH CLOSEST TO POOL 20'
(ALLOWS 50' + SEPARATION) - CONTINUE (MR)
10/14/98 A.M. OK to continue work. DKS
10/14/98 P.M. FINAL INSP - OK to cover all work. DKS

10/14/98 WPF Pless OK @ 4:44 PM - water line is installed 2' depth with white PVC to 15' from house
 should be 10' FT from Septic line if installed right
 DATE SYSTEM APPROVED 10/14/98 INSPECTOR [Signature]

10-1-98
WPI 11:30 am

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
~~XXXXXXXX~~ 410-313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation _____ Receipt # _____
 Replacement _____ Date _____

Name of Installer William Cumberland Telephone _____

License Number 7979
 Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Nantuxet Island Home Telephone 442-8200
 Subdivision Drigton Trce Lot # 4 Well Tag # HO-81-1849
 Site Address 13711 Loria Court

Sec 2

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower _____	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible <input checked="" type="checkbox"/>	a. 110 _____	
2. Make _____	b. 220 _____	
3. Model # _____		
4. Capacity _____ GPM		
5. Pump exceeds well capacity? Yes _____ No <input checked="" type="checkbox"/>		
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 <input checked="" type="checkbox"/> Other _____		

Tank	Piping	Well data
1. Capacity _____	1. Type _____	1. Depth <u>285</u> ft.
2. Pressure relief valve? _____	2. Size _____	2. Yield <u>5</u> GPM
	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
	4. Depth of supply line _____	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.

10/1/98
WPI
water line is protected & sealed within 10ft of water line (and future expansion hopefully) OK to cover WPI 10/1/98

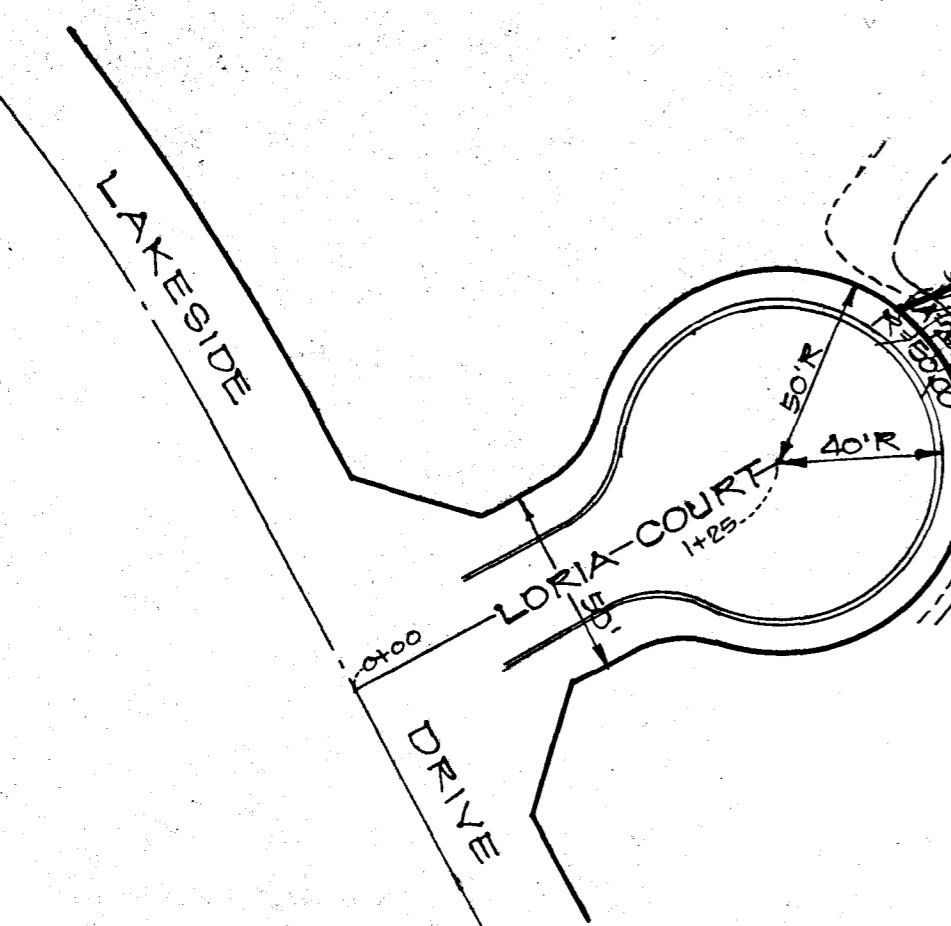
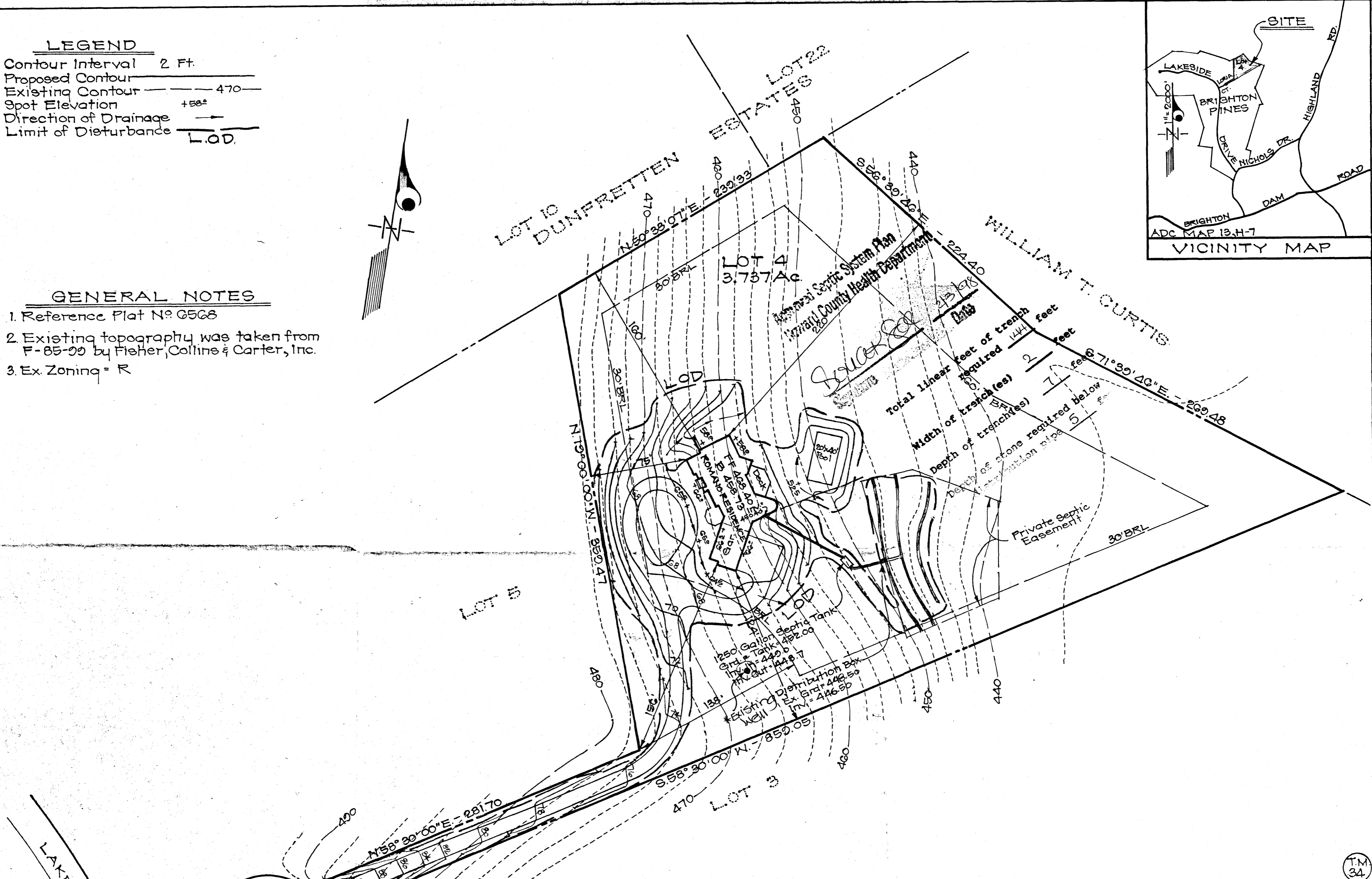
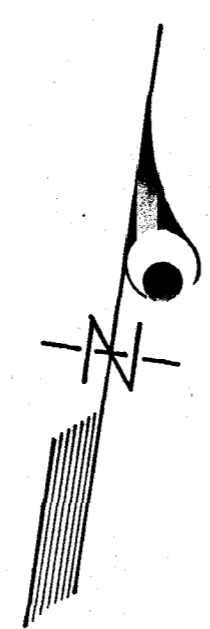
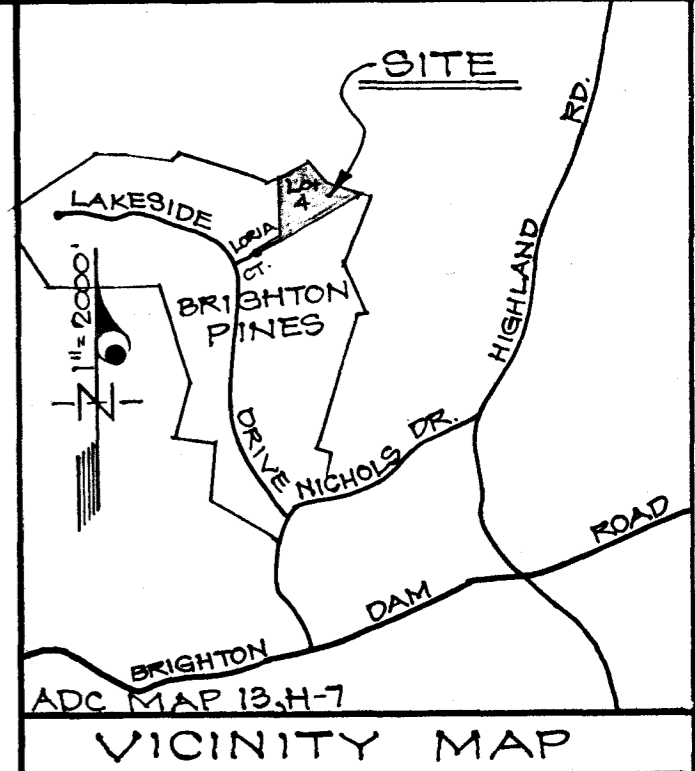
Signature of Applicant: William Cumberland


Date: 7/2/98

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

LEGEND
 Contour Interval 2 Ft.
 Proposed Contour ————
 Existing Contour ———— 470 ————
 Spot Elevation +58.2
 Direction of Drainage ————
 Limit of Disturbance LOD

GENERAL NOTES
 1. Reference Plat No. G568
 2. Existing topography was taken from F-85-00 by Fleher, Collins & Carter, Inc.
 3. Ex. Zoning = R



 CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.		
DESIGNED JME/BC	SITE DEVELOPMENT PLAN LOT 4 BRIGHTON PINES FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=50'
DRAWN BC		DRAWING 1 of 1
CHECKED jme		JOB NO. 07-188
DATE 1-0-08		FOR: NANTUCKET ISLAND HOMES 8835-P COLUMBIA 100 PARKWAY COLUMBIA, MARYLAND 21045

T.M.
34

C1 3794

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 33 503

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED 02/10/87

Depth of Well 285 (TO NEAREST FOOT)

PERMIT NO. 112-81-1849

OWNER DEVELOPMENT HIGHLAND last name first name TOWN STREET OR RFD SUBDIVISION BRIGHTON PINES SECTION ONE AREA 2 LOT 4

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: Clay, SAND, Gray mica bed.

GROUTING RECORD WELL HAS BEEN GRouted (Circle appropriate box) TYPE OF GRouting MATERIAL

CEMENT CM BENTONITE CLAY BC NO. OF BAGS 12 NO. OF POUNDS 1128 GALLONS OF WATER 73 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 145 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

SCREEN RECORD screen type or open hole insert appropriate code below

DEPTH (nearest ft.) grid with handwritten values 100, 285

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

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...

DRILLERS IDENT. NO. 238 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

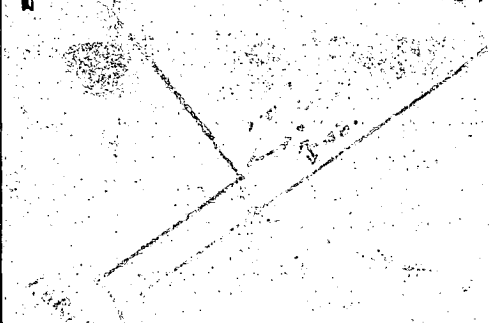
C 3

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE bucket WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

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: CAPACITY GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (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)



B 1 1555 SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

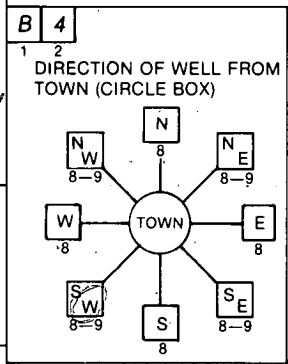
STATE OF MARYLAND PERMIT TO DRILL WELL
 please print or type

OEP PERMIT NUMBER
 47-91-1349
 fill in this form completely

OWNER INFORMATION
 Date Received: 12/17/80
 HIGHLAND DEVELOPMENT
 13707 LAKE SIDE DRIVE
 CLARKSVILLE MD 21029

LOCATION OF WELL
 HOWARD COUNTY
 BRICKIACON PIMPS SUBDIVISION
 SECTION 9 LOT 4 AREA 2
 DAVIDSON NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION
 Joseph L. Mayne
 238 License No. 80
 Joseph L. Mayne WELL DRILLING
 5512 Ridge Rd. Mt. Airy, Md. 21771
 12/12/86 Date



TOXIC COURT NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH, WEST, SOUTH, EAST
 365 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

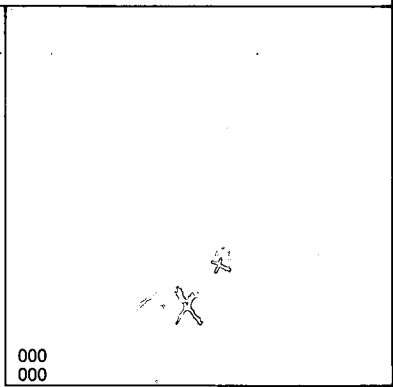
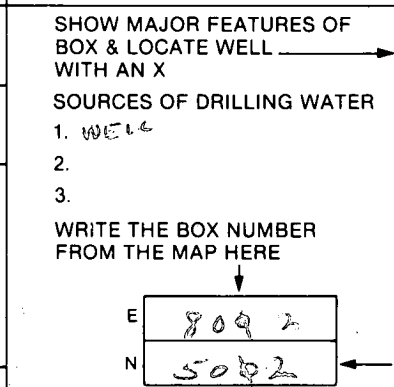
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 HOWARD COUNTY NAME
 A33504 COUNTY NO.
 OEP SIGNATURE
 DATE ISSUED 010787
 CO SIGNATURE
 NORTH GRID 502000 EAST GRID 0007000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

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 DEEPEINED 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 DEEPEIN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER GAP
 FORCE INITIALS IN BOX PERMIT No. 47-91-1349

SPECIAL CONDITIONS

2/10/87

finished
just prior
arrival



- 102' casing
- 45' open
- 12 bags

H₂O sample taken 200 ft

Location OK'd

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 33503

P _____

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

DISTRICT 5

DATE 1-30-84

~~Apply Permit~~
~~63107~~
~~with the state~~

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 Building Nantucket Island Homes

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

PROPERTY LOCATION: BRIGHTON PINES II NEW LOT 4

SUBDIVISION Prappert Prop LOT NO. 14

ROAD AND DESCRIPTION Nicholas Dr (13711 LORRA COURT)

SIZE OF LOT 3A TYPE BLDG. S.F.D.
(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 Newman with 450842
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

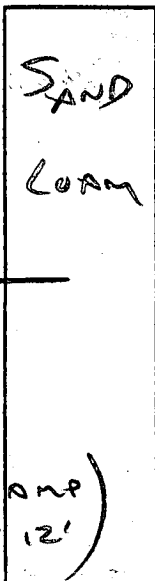
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 2-3-98
Serial # BR109711
SFD - 4Bam

THIS IS NOT A PERMIT

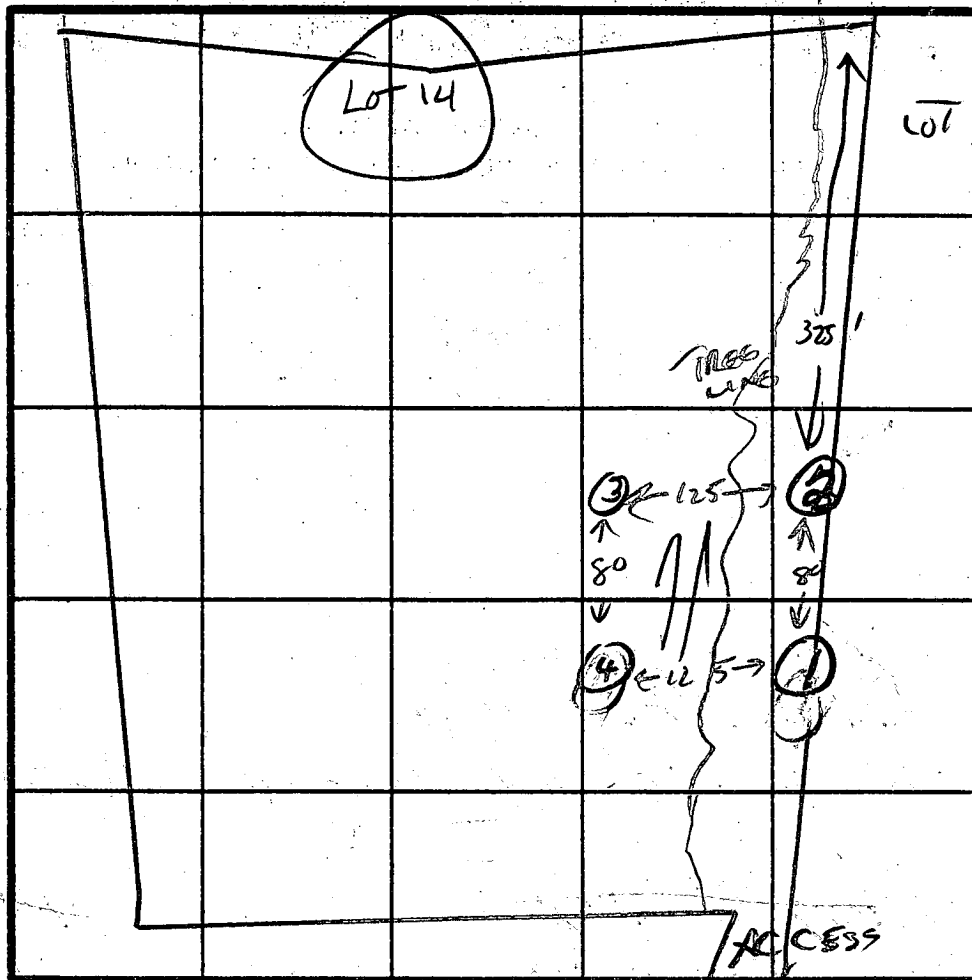
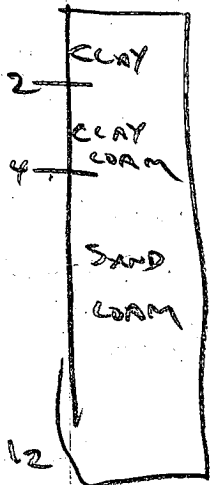
344

SOIL PROFILE



(#3 Damp AT 12')

1 + 2



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROAD IS COMMON

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-2-84	1 N/A	3 8	1:02	1:04	1:04	1:06	2 min
		12	SAND LOAM				
3-2-84	2	3 8	1:02 1:06	1:06 1:08	1:06 1:08	1:12 1:10	8 min 2 min
		12					
3-2-84	3	3 8	1:00	1:02	1:02	1:04	2 min
		12	SAND LOAM (DAMP AT 12')				
3-2-84	4 N/A	3 8	1:00	1:02	1:02	1:04	2 min
		12	SAND LOAM				

2 TIME
3 MIN
INLET
3 FE
BOTTOM MAX
8 FE

REMARKS

TYPE OF SOIL SAND LOAM

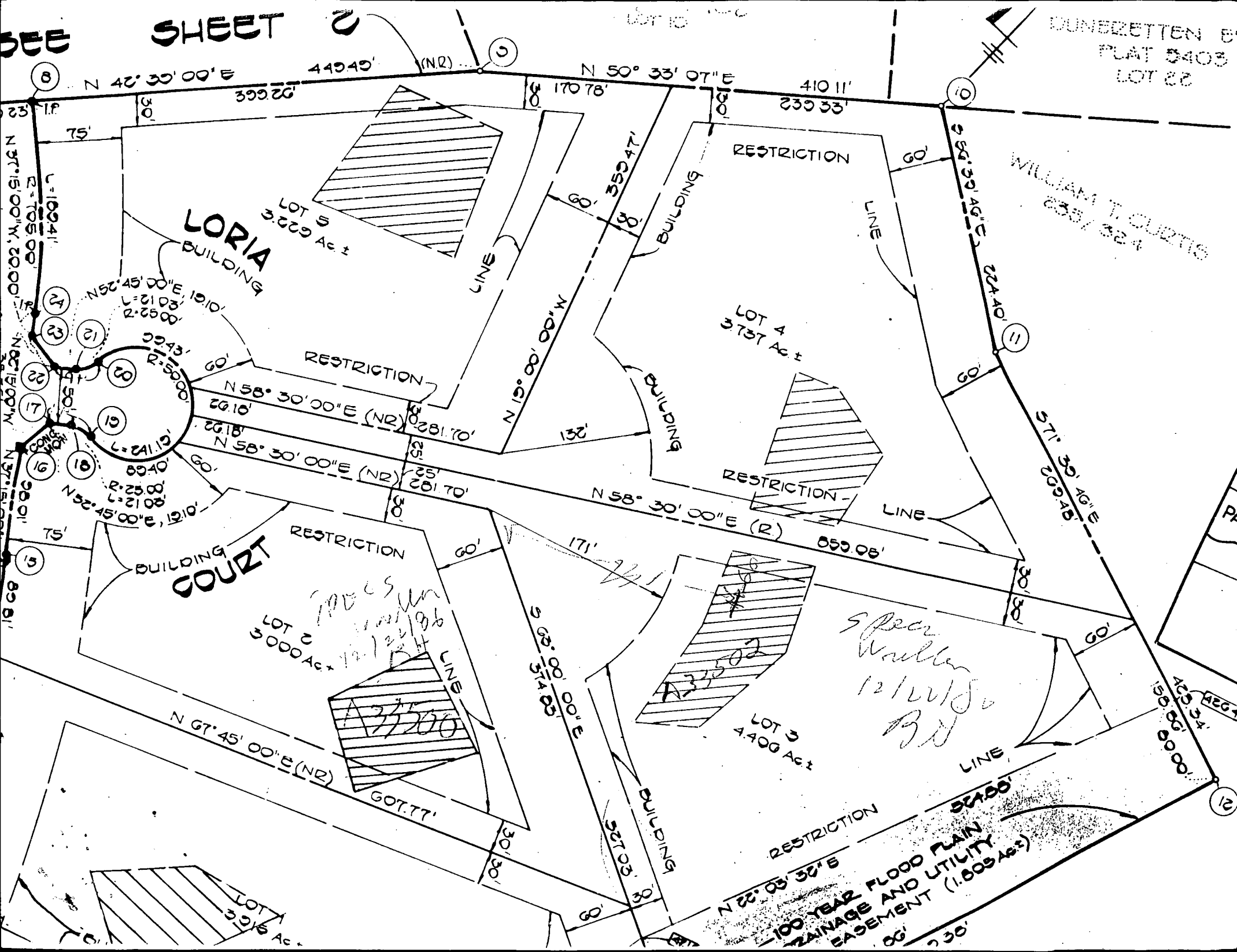
TESTED BY CW [Signature]

ALSO PRESENT DEMMITT, CISSEL

SEE

SHEET 2

DUNDEETON B
FLAT 5403
LOT 22



LORIA
BUILDING

COURT
BUILDING

LOT 2
3.000 Ac ±

LOT 5
3.229 Ac ±

LOT 4
3.737 Ac ±

LOT 3
4.400 Ac ±

A37500

A37502

Spec
Walker
12/21/80
BN

RESTRICTION
100 YEAR FLOOD PLAIN
DRAINAGE AND UTILITY
EASEMENT (1.609 Ac ±)

WILLIAM T. CURTIS
235/324

N 42° 30' 00" E 449.49' (NR)

N 50° 33' 07" E 170.78'

410.11'

239.33'

60'

56° 39' 46" E

224.40'

571° 39' 46" E
209.48'

23

75'

U=169.41'

R=705.00'

N 37° 15' 00" W, 200.00'

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

PRIVATE WELL & SEPTIC

1998 SP 28 **NOTE: 25 VACUUM BREAKER
WILL BE INSTALLED
ON JOB AS PER
CODE.**

LOT 4
BRIGHTON PINES
13711 LONIA CT

FENCE DATA:

PROP. 4' HIGH WOOD FENCE AS
PER CODE - BY OWNER
(236 LIN.FT.)

800 SQ.FT. CONC. DECK
BY MPI

N50°33'07"E

PROP. 2' HIGH TIE WALL
BY OWNER

SWIMMING POOL
(20'X40')

F.PAD

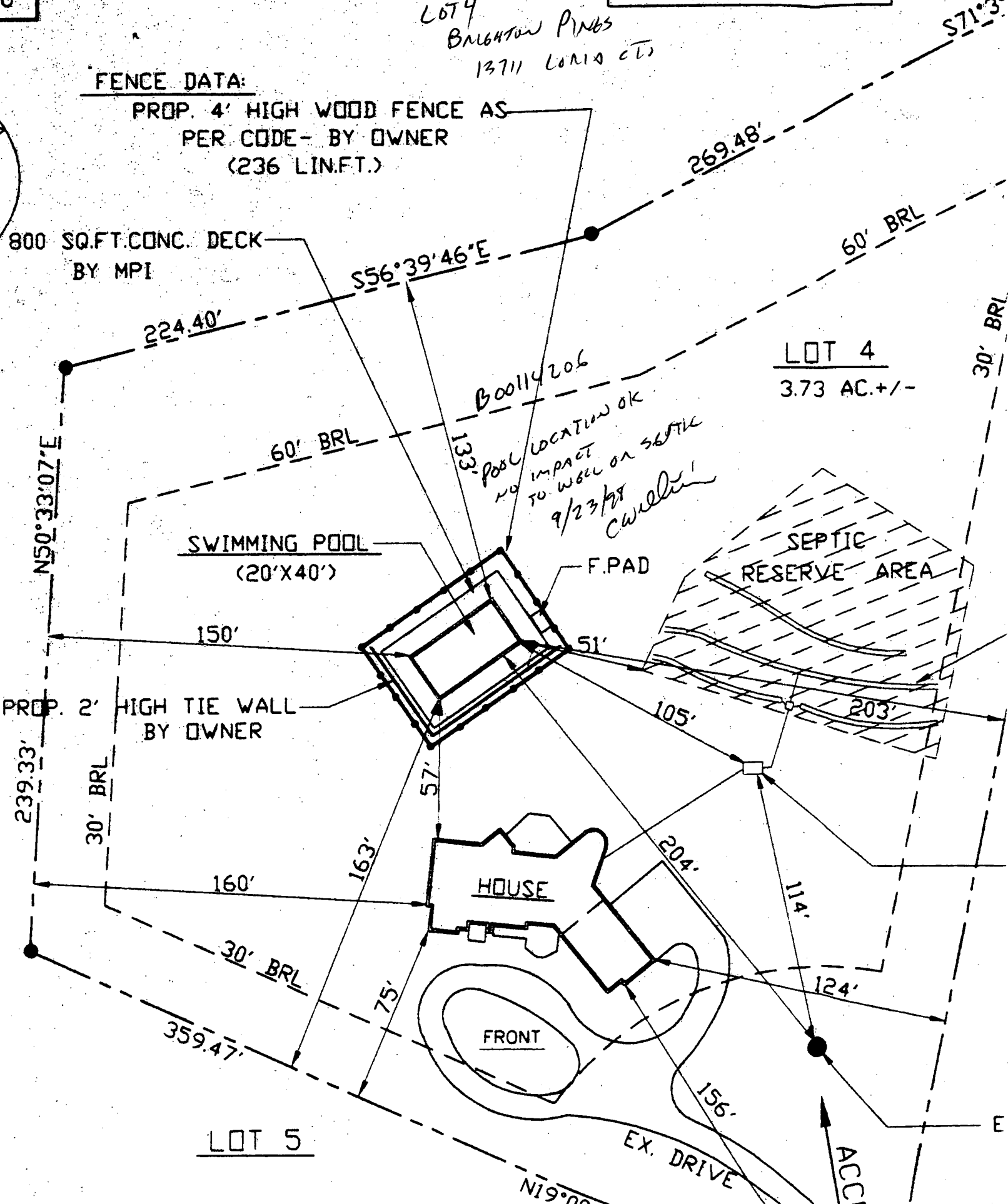
SEPTIC
RESERVE AREA

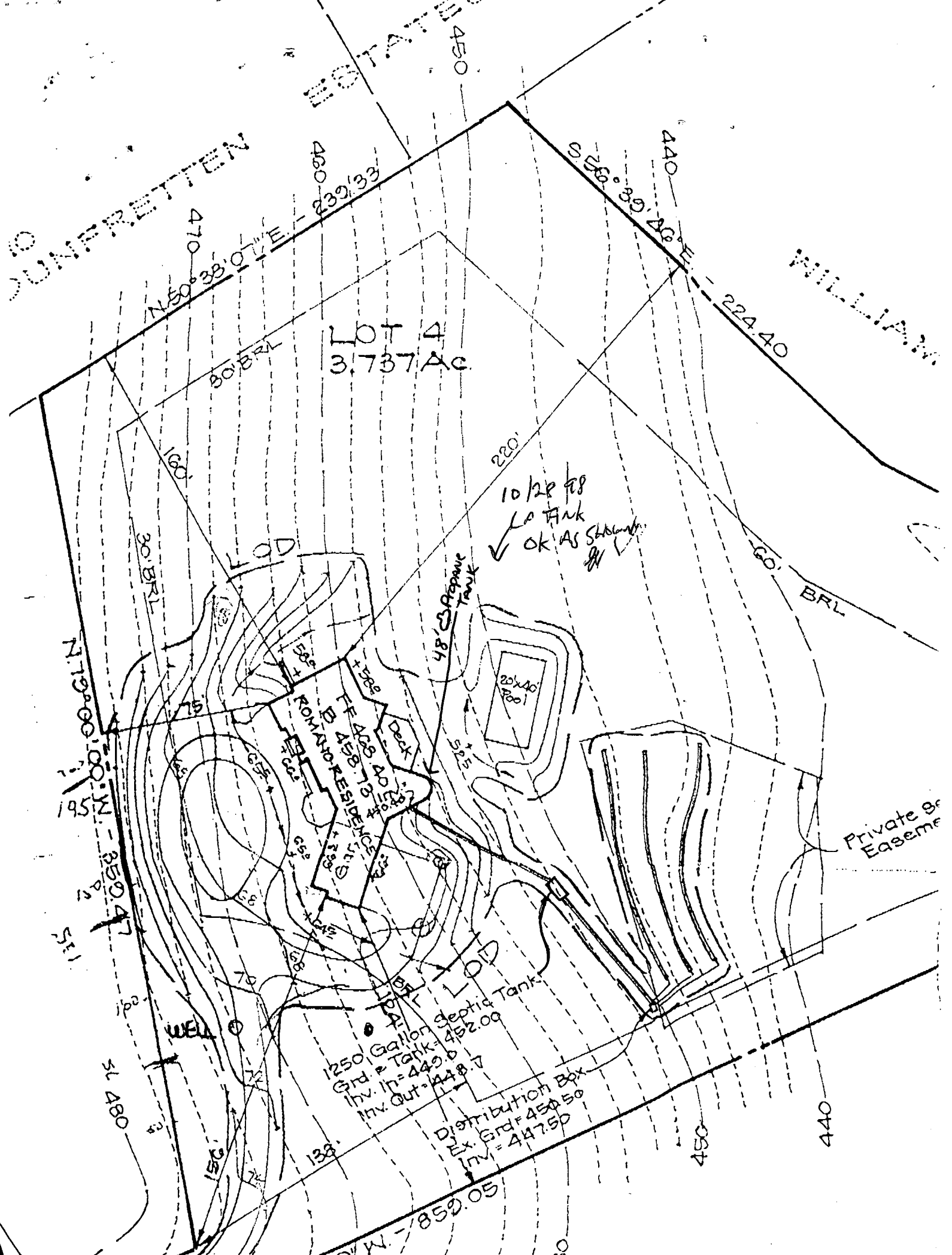
HOUSE

FRONT

LOT 5

LOT 4
3.73 AC. +/-





LOT 4
3.737 Ac

10/28/88
LA TANK
OK AS SHOWN

ROMANO RESIDENCE
B 4 ACRES
Deck

20x40
Pool

48' Septic Tank

1250 Gallon Septic Tank
Grd. In = 449.0
Inv. Out = 448.7

Distribution Box
Ex. Grd = 450.50
Inv. = 447.50

Private Easement

Boundary bearings and distances:
N 50° 38' 07" E - 470
S 56° 39' 26" E - 440
N 19° 00' 10" W - 350.47
S 13° 15' 15" E - 195.5
S 13° 15' 15" E - 150
S 13° 15' 15" E - 138
S 13° 15' 15" E - 150
S 13° 15' 15" E - 160
S 13° 15' 15" E - 170
S 13° 15' 15" E - 180
S 13° 15' 15" E - 190
S 13° 15' 15" E - 200
S 13° 15' 15" E - 210
S 13° 15' 15" E - 220
S 13° 15' 15" E - 230
S 13° 15' 15" E - 240
S 13° 15' 15" E - 250
S 13° 15' 15" E - 260
S 13° 15' 15" E - 270
S 13° 15' 15" E - 280
S 13° 15' 15" E - 290
S 13° 15' 15" E - 300
S 13° 15' 15" E - 310
S 13° 15' 15" E - 320
S 13° 15' 15" E - 330
S 13° 15' 15" E - 340
S 13° 15' 15" E - 350
S 13° 15' 15" E - 360
S 13° 15' 15" E - 370
S 13° 15' 15" E - 380
S 13° 15' 15" E - 390
S 13° 15' 15" E - 400
S 13° 15' 15" E - 410
S 13° 15' 15" E - 420
S 13° 15' 15" E - 430
S 13° 15' 15" E - 440
S 13° 15' 15" E - 450
S 13° 15' 15" E - 460
S 13° 15' 15" E - 470
S 13° 15' 15" E - 480
S 13° 15' 15" E - 490
S 13° 15' 15" E - 500
S 13° 15' 15" E - 510
S 13° 15' 15" E - 520
S 13° 15' 15" E - 530
S 13° 15' 15" E - 540
S 13° 15' 15" E - 550
S 13° 15' 15" E - 560
S 13° 15' 15" E - 570
S 13° 15' 15" E - 580
S 13° 15' 15" E - 590
S 13° 15' 15" E - 600
S 13° 15' 15" E - 610
S 13° 15' 15" E - 620
S 13° 15' 15" E - 630
S 13° 15' 15" E - 640
S 13° 15' 15" E - 650
S 13° 15' 15" E - 660
S 13° 15' 15" E - 670
S 13° 15' 15" E - 680
S 13° 15' 15" E - 690
S 13° 15' 15" E - 700
S 13° 15' 15" E - 710
S 13° 15' 15" E - 720
S 13° 15' 15" E - 730
S 13° 15' 15" E - 740
S 13° 15' 15" E - 750
S 13° 15' 15" E - 760
S 13° 15' 15" E - 770
S 13° 15' 15" E - 780
S 13° 15' 15" E - 790
S 13° 15' 15" E - 800
S 13° 15' 15" E - 810
S 13° 15' 15" E - 820
S 13° 15' 15" E - 830
S 13° 15' 15" E - 840
S 13° 15' 15" E - 850
S 13° 15' 15" E - 860
S 13° 15' 15" E - 870
S 13° 15' 15" E - 880
S 13° 15' 15" E - 890
S 13° 15' 15" E - 900
S 13° 15' 15" E - 910
S 13° 15' 15" E - 920
S 13° 15' 15" E - 930
S 13° 15' 15" E - 940
S 13° 15' 15" E - 950
S 13° 15' 15" E - 960
S 13° 15' 15" E - 970
S 13° 15' 15" E - 980
S 13° 15' 15" E - 990
S 13° 15' 15" E - 1000