

10/29/96  
H-00  
4/10  
1/100-7200

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57338

A 32080

DISTRICT 4th

DATE 10-18-96

DATE SYSTEM APPROVED 10/30/96

INSPECTOR HT

04-340639

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XX461-9933~~ 313-2640

### INDEXED

William Hopkins

IS PERMITTED TO INSTALL  ALTER

ADDRESS 17540 Old Frederick Road, Mt. Airy, MD 21771 PHONE 410-549-2575

SUBDIVISION Lisbon Estates LOT 1 ROAD 1601 Brittle Branch Way

PROPERTY OWNER Barnard Brothers Construction Company, Inc.

ADDRESS

WAYNE SULLIVAN

SEPTIC TANK CAPACITY 1250 GALLONS TOP SEAMED TANK

\*\*\*PUMPED SEPTIC SYSTEM\*\*\*

NUMBER OF BEDROOMS 4

Install: 1-1000 gallon pump chambers with single or dual effluent pumps, controls and alarms.

180 SQUARE FEET PER BEDROOM

Contractor to supply pump detail prior to issuance of septic permit.

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 110 feet off the 232.78' lot line and 240 feet off the 222.26' lot line as seen when facing the lot from Brittle Branch Way. Run trenches on contour towards Route 94.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 9/24/96 DKS

NOTE: INITIAL SYSTEM TO BE GRAVITY FLOW, PUMP CHAMBER TO BE INSTALLED NOW. HT

PLANS APPROVED BY Donna K. Soe/Glen Savage

DATE 09/23/96

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

**BLDG. PERMIT SIGNED**

**AND RETURNED 11-12-98**

Send # 1150 21

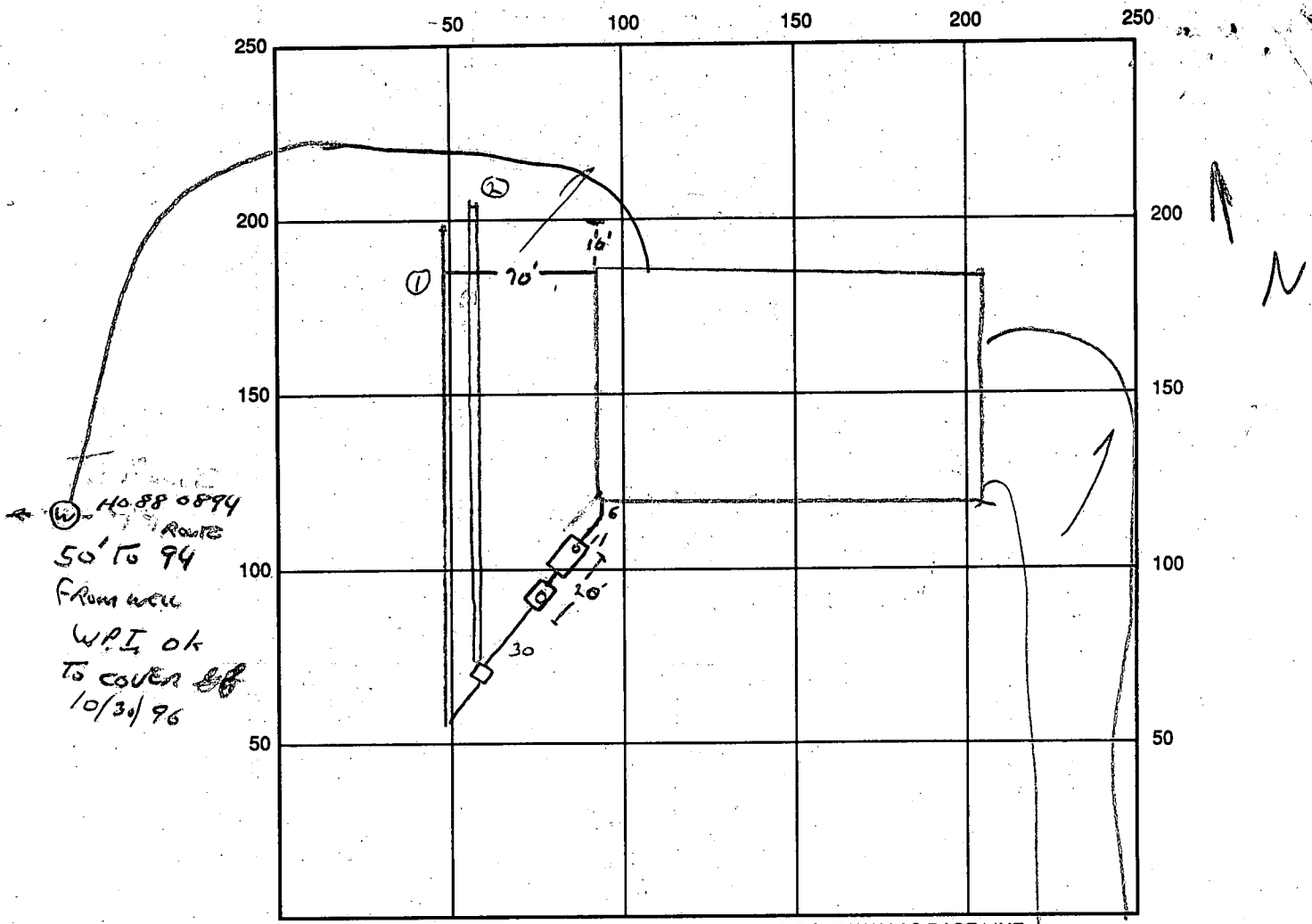
PERMIT VOID AFTER TWO YEARS

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**

A  
32080



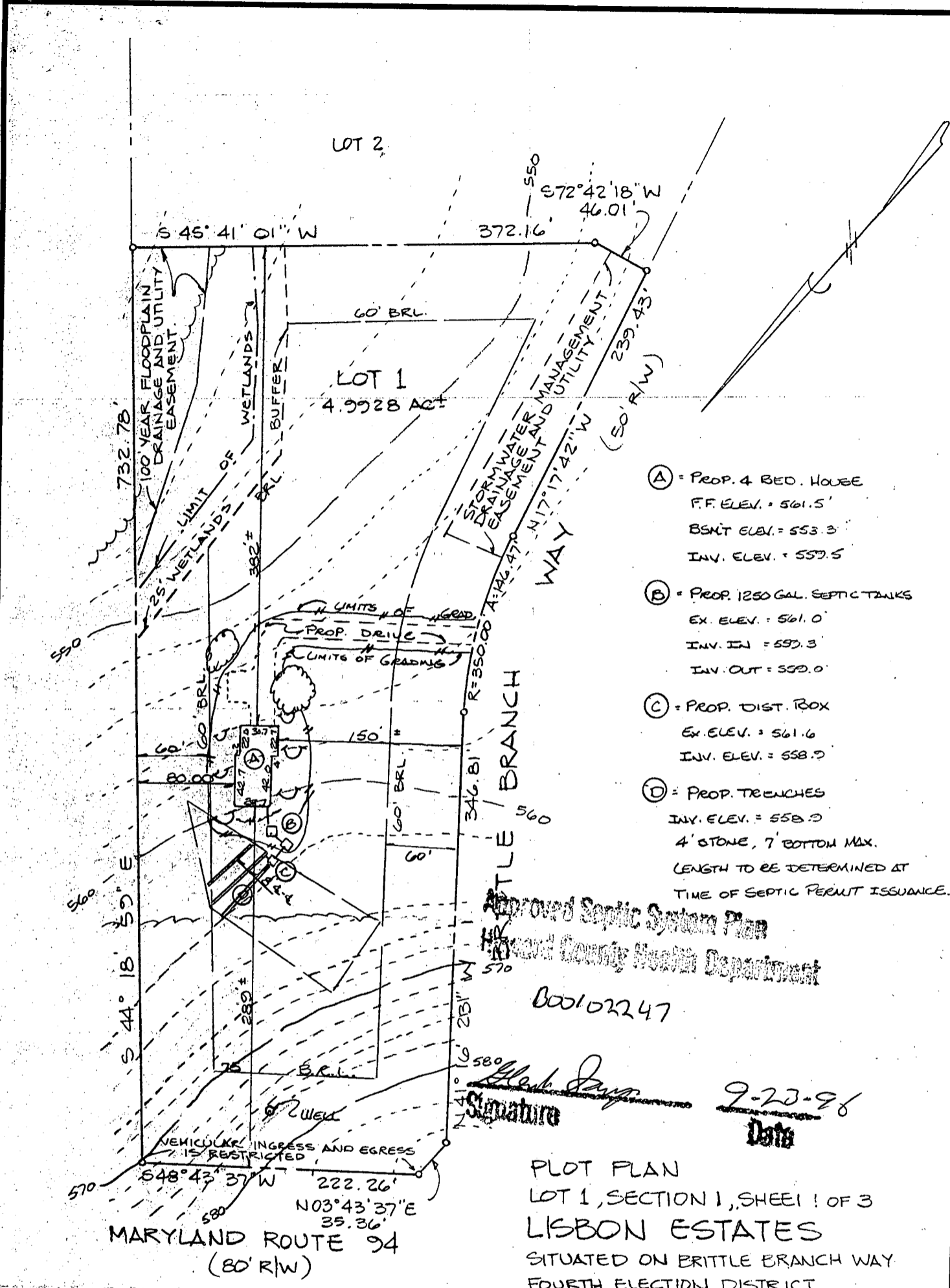
W-10880894  
 Route  
 50' to 94'  
 From well  
 W.P.I. ok  
 to cover off  
 10/30/96

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 BRITTLE BRANCH WAY

SEPTIC TANK LEVEL BOTH TANKS ok CLEANOUTS installed on Pump chamber, CW, on tank  
 DISTRIBUTION BOX LEVEL ok  
 DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.  
 EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH  $\frac{112}{29} 95 = 190$  FT.  
 NUMBER OF TRENCHES \_\_\_\_\_ ONE SIDEWALL/BOTTOM AREA 760 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: 10/29/96 PUMP CHAMBER IS 1256 GAL. BOTH TANKS NOT  
TOP SEAM OK PER CW (PER CONTRACTOR), CONTRACTOR REQUESTS TO GO 6" TO 1' DEEPER  
TO GET IN SYSTEM AT MIDDLE OF EASEMENT LEAVING ENOUGH ROOM FOR GRAVITY  
REPAIR - OK - SOIL FROM BOTTOM OF TANK HOLE @ 9' OK. 10-30-96  
OK TO COVER TO BOX, 6 CLEANOUT NEEDS CAP, OK TO STOVE 1ST TRENCH. 2ND  
TRENCH DUG 1/2 STONED OK TO COVER AS COMPLETED

DATE SYSTEM APPROVED 10/30/96 INSPECTOR [Signature]



- (A) = PROP. 4 BED. HOUSE  
F.F. ELEV. = 561.5'  
BSMT ELEV. = 553.3'  
INV. ELEV. = 559.5'
- (B) = PROP. 1250 GAL. SEPTIC TANKS  
EX. ELEV. = 561.0'  
INV. IN = 559.3'  
INV. OUT = 559.0'
- (C) = PROP. DIST. BOX  
EX. ELEV. = 561.6'  
INV. ELEV. = 558.9'
- (D) = PROP. TRENCHES  
INV. ELEV. = 558.9'  
4' STONE, 7' BOTTOM MAX.  
LENGTH TO BE DETERMINED AT  
TIME OF SEPTIC PERMIT ISSUANCE.

Approved Septic System Plan  
Howard County Health Department

000102247

*Signature*  
Signature  
9-23-96  
Date

PLOT PLAN  
LOT 1, SECTION 1, SHEET 1 OF 3  
LISBON ESTATES  
SITUATED ON BRITTLE BRANCH WAY  
FOURTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 100' SEPTEMBER, 1996



I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

**NH NASSAUX - HEMSLEY, INC.**

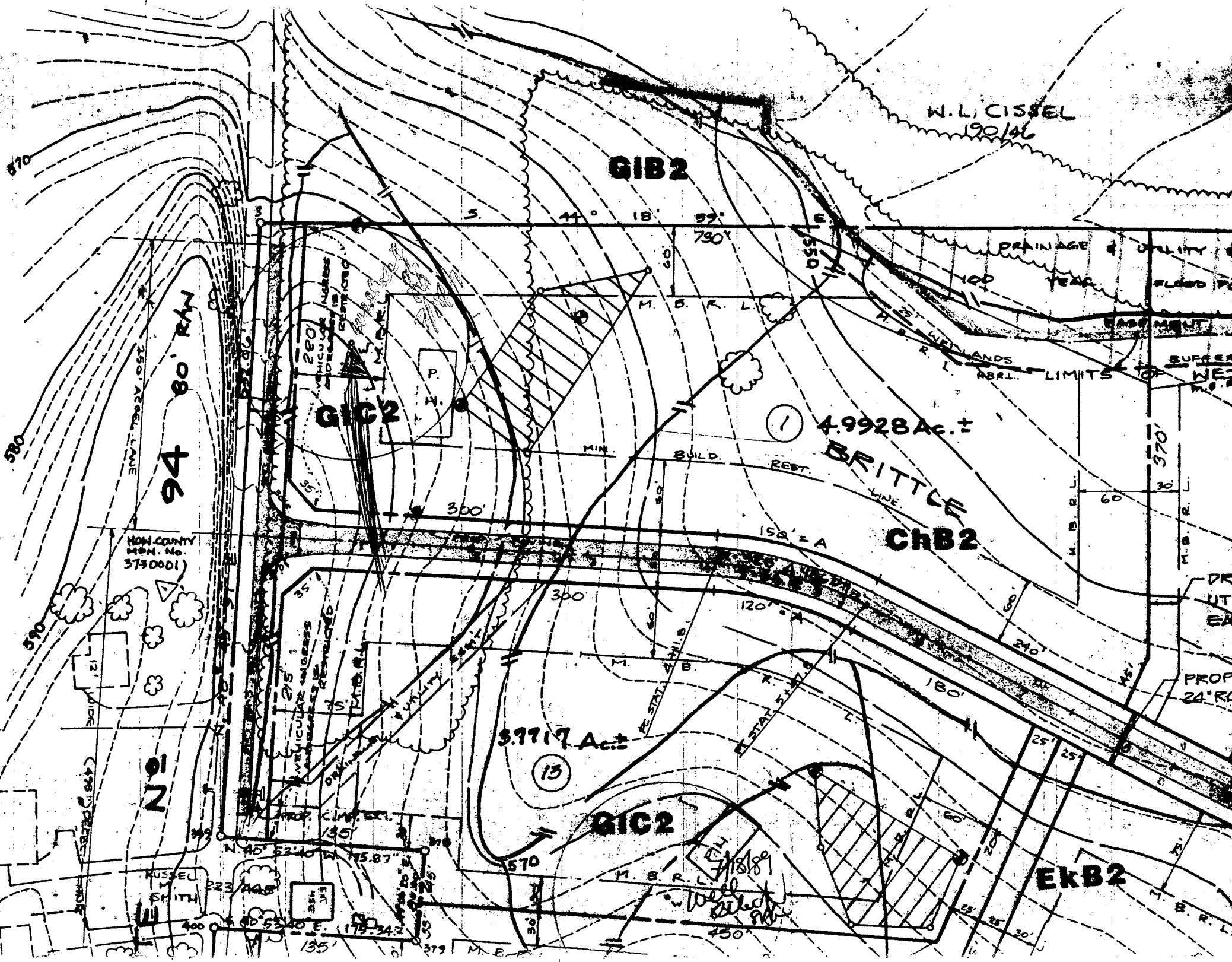
204 S. MAIN STREET  
MOUNT AIRY, MARYLAND

301-829-2296

21771

N77725

REFERENCE	JOB NO.
9447	9654 0805



W.L. CISSEL  
190/46

GIB2

GIC2

4.9928 Ac. ±  
BRITTC  
ChB2

3.7717 Ac. ±

GIC2

EkB2

94 80' RAN

NON. COUNTY  
MON. No.  
3730001

No. 1

RUSSELL  
SMITH

DRAINAGE & UTILITY  
100 YEAR FLOOD

LANDS  
ABRL... LIMITS

SUPPLY  
NET

DRA  
UTI  
EAS

PROP.  
24' RC

44° 18' 39"  
790'

MIN. BUILD. REST.

(1)

(13)

1/18/89  
W. L. C. C.  
W. L. C. C.  
W. L. C. C.

350' ASPHALT LAVE

VEHICULAR ACCESS  
ADDRESS RESTRICTED

VEHICULAR ACCESS  
ADDRESS RESTRICTED

VEHICULAR ACCESS  
ADDRESS RESTRICTED

12' WIDE

438' DRIVE

N. 45° 53.40' W. 15.87'

40° 53' 0" E. 175.34.2'

135'

223' 448'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

400'

135'

570

580

590

570

570

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

60

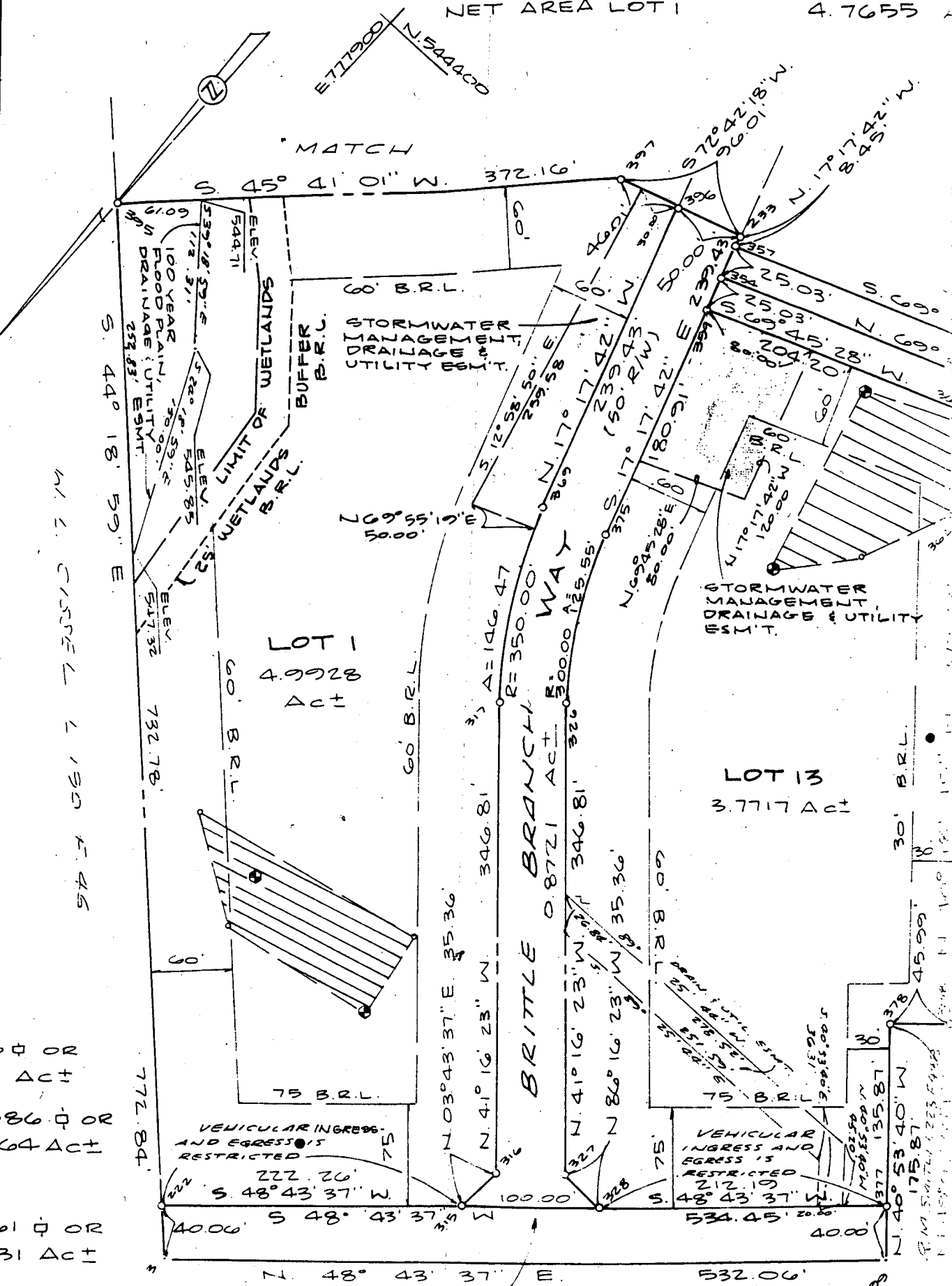
60

60

SYSTEM.

LOT 1	
GROSS AREA LOT 1	4.9928
FLOODPLAIN AREA	0.2273
NET AREA LOT 1	4.7655

- 777419.1500
- 776622.6210
- 776590.7881
- 777447.1343
- 776844.0914
- 777601.1290
- 776732.1837
- 777468.9868
- 777240.2122
- 777204.9316
- 777591.1738
- 777598.6159
- 777583.7317
- 777392.1405
- 777339.1605
- 777202.2374
- 776794.0932
- 777209.4506
- 777084.5192
- 777577.6897
- 777529.9503
- 777045.4548
- 777134.4016
- 777073.9282
- 776985.3275
- 777959.0715
- 777648.8684
- 777692.7942
- 777099.6353
- 777019.2676
- 776959.1402



OPER  
PERS, LLC.

21771  
E.777800  
N.5425100

ION  
ION  
O BE 4

S. 663,275 ± OR  
15.2267 Ac ±

DWAY: 78,086 ± OR  
1.8064 Ac ±

DIVISION  
741,961 ± OR  
17.0331 Ac ±

LAND DEDICATED TO HOWARD  
COUNTY, MARYLAND FOR PURPOSE  
OF PUBLIC ROAD