

LAYOUT 1/11/11 INSP 4 2/10/11 2/15/11  
 INSP 2 2/8/11 INSP 5 2/11/11 2/16/11  
 INSP 3 2/9/11 INSP 6 2/14/11 (BB)

ISSUE DATE: 12/10/10

# PERMIT

P 534416

APPROVAL DATE: 6/1/11

A 53479

Tax ID #  
**ON-SITE SEWAGE DISPOSAL SYSTEM**  
**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**

IS PERMITTED TO INSTALL  ALTER

ADDRESS: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

SUBDIVISION: Cissel Property LOT NUMBER: Parcel A

ADDRESS: 1596 Woodbine Road PROPERTY OWNER: Christopher Murray

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: ~3273

LINEAR FEET OF TRENCH REQUIRED: 155

*2' wide  
 Inlet 2'  
 Bottom 6'  
 40  
 55  
 60  
 ~47 ft*

TRENCHES:	Trenches to be <del>3.0</del> feet wide. Inlet <del>4.0</del> feet below original grade. Bottom maximum depth <del>6.0</del> feet below original grade. Effective area begins at 4.0 feet below original grade with <del>2.0</del> feet of stone below distribution pipe.
LOCATION:	Set septic tank per layout inspection. Set distribution box per layout inspection. Install 155 feet of trench on contour per layout inspection
NOTES:	<b>Do not</b> order the septic tank until after layout inspection and Sanitarian approval. Stake easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Dana Bernard (KB) DATE: 6/03/2010

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM**  
**PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**  
**CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE

See As-Built Drawing  
On Separate Sheet

2/13/11 D box set, Top trench installed per layout.  
middle trench started. OK to continue (KW)  
2/16/11 Trenches complete. OK to backfill. D box set.  
Almost finished pipeline. OK to backfill all work  
when finished. Need P/A test for approval (KW)  
6/1/11 System complete. P/A test OK.

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH 2' INLET 2' BOTTOM 6'  
NUMBER OF TRENCHES 3  
TOTAL LENGTH 158'  
ABSORPTION AREA 316' + SW  
DISTRIBUTION BOX LEVEL Yes  
DISTRIBUTION BOX BAFFLE Elbow  
DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes  
MANUFACTURER Babylon  
CAPACITY 2000 GAL  
SEAM LOC Top  
TANK LID DEPTH 4'3"  
BAFFLES Yes  
BAFFLE FILTER No  
MANHOLE LOC Front  
6" PORT LOC Rear  
WATERTIGHT TEST No  
SLOTTED Yes  
DATE ON LID 12-19-10  
PUMP/SEPTIC TANK LEVEL Yes  
MANUFACTURER Babylon  
CAPACITY 1500 GAL  
SEAM LOC Top  
TANK LID DEPTH 4'  
BAFFLES Front  
BAFFLE FILTER No  
MANHOLE LOC Rear  
6" PORT LOC Front  
WATERTIGHT TEST No  
SLOTTED No  
DATE ON LID 12-17-10

PRE-CONSTRUCTION:

1/11/11 Contractor to verify location of geo hoops prior to setting tanks.  
Trenches are to be 2' wide inlet @ 2' bottom 6'. Install a 40  
55' and 60' trench @ highest part of septic area. Call for verification  
prior to setting tanks. (KW)

INSTALLATION:

2/8/11 Contractor shot grade for tanks, will have to move tanks  
down the hill some to keep 2' earth cover over tanks. 2/9/11 site visit: Shot elevations  
to confirm a max 4' earth cover over tanks. Sewer out shot @ 9'6". Area  
of tank to be set shot @ 6'8" w/ 1.5% fall should be about 4' of cover on  
tank. (KW) 2/10/11 150' of SHC installed. C/O's every 10'. Tanks to be set  
tomorrow. 2/11/11 Tanks set. Told contractor to water tight seal w/ for  
all openings including where risers meet tanks. 2/14/2011 Line installed  
from tank to stream crossing. Covered by installer. (BB)

FINAL INSPECTOR

DATE OF APPROVAL

6-1-11

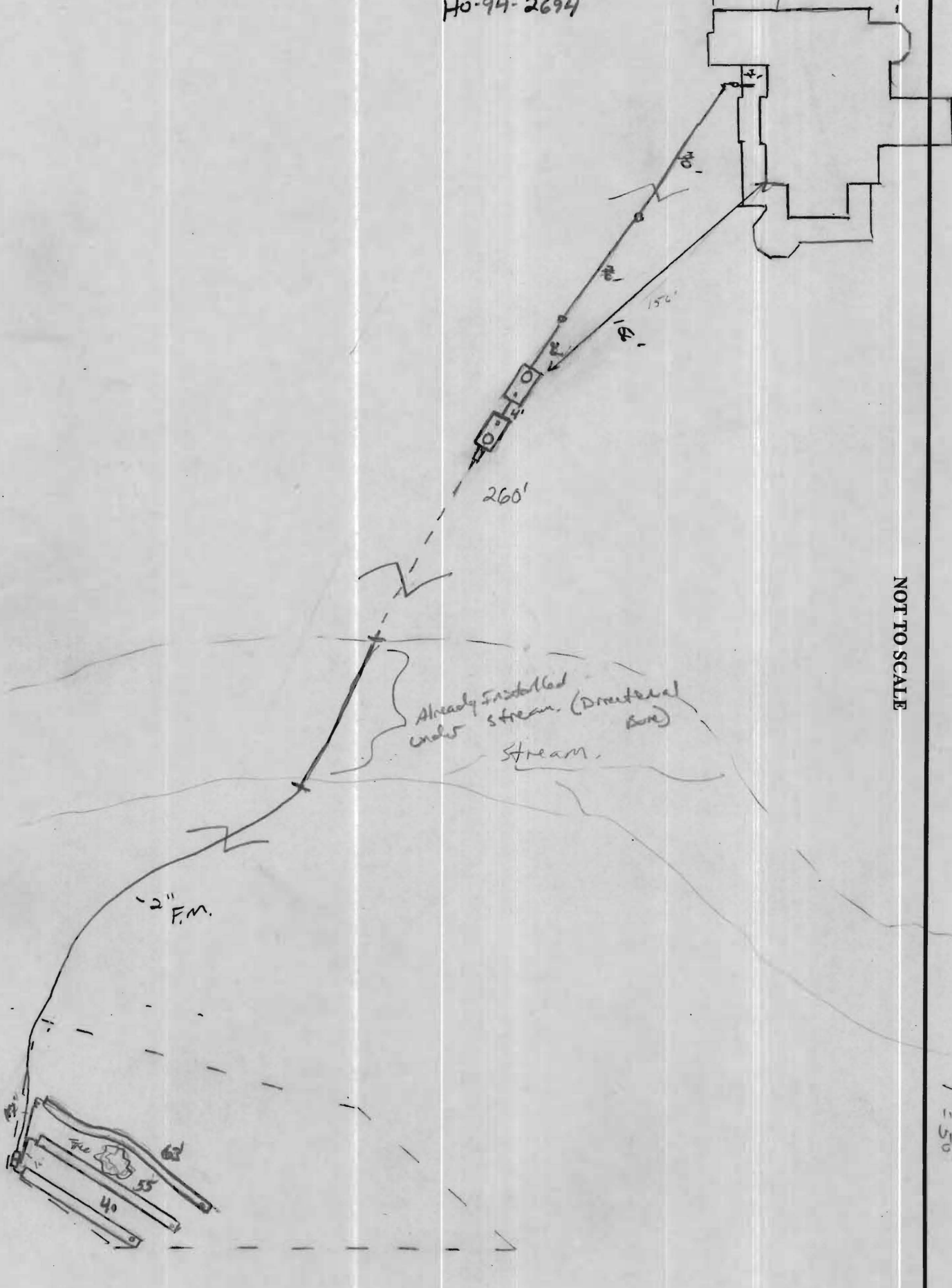
HO-94-2694

HO-94-2694  
~ 560' →

NOT TO SCALE

Rt. 94

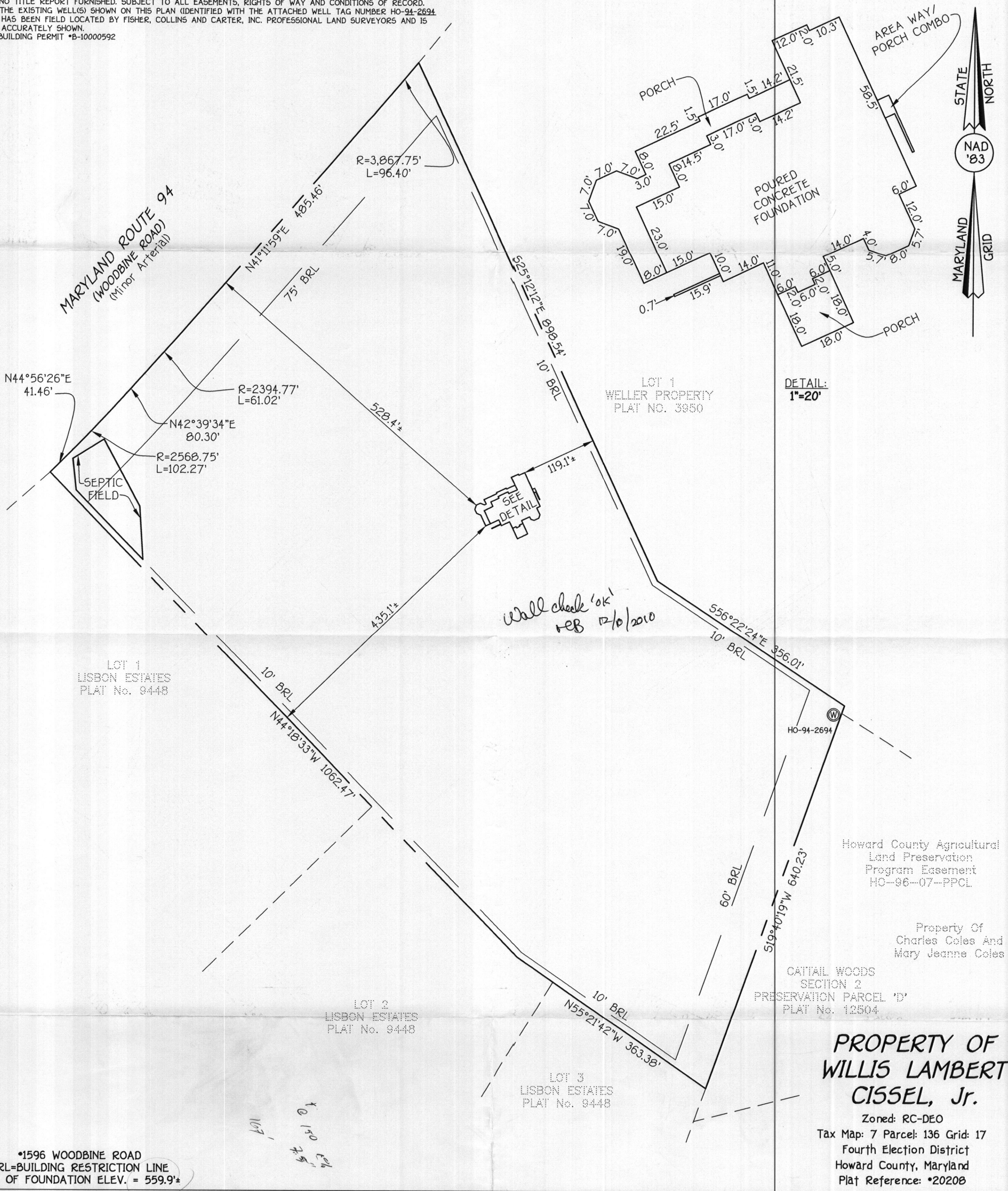
1" = 50'





**GENERAL NOTES:**

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440007-B EFFECTIVE DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1' (±)
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-94-2694) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- 6) BUILDING PERMIT \*B-10000592



\*1596 WOODBINE ROAD  
BRL=BUILDING RESTRICTION LINE  
TOP OF FOUNDATION ELEV. = 559.9±

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PKE  
ELLCOTT CITY, MARYLAND 21042  
4100 461 - 2255

**STATE OF MARYLAND**  
AUGUST WARD CLARK  
PROFESSIONAL LAND SURVEYOR  
REG. #21514  
DATE 9/3/10

**HOUSE LOCATION DRAWING**

FOUNDATION LOCATION: 9/3/10  
FINAL LOCATION:  
BOUNDARY SURVEY:

SCALE: 1"=100'  
DATE: 9/8/10  
DRAWN BY: JMP  
CHECKED BY: MLR/awc  
PROJECT No.: 61330-1001