

APPLICATION

APW
Plat By tve 18th
25th

PERCOLATION TESTING

PUBLIC USE OK - WBT 56052W TEST 1601A
EXISTING AS COMED LOT - TO BE SOLD FOR PRIVATE USE
A 50644
P _____
APPLICANT INDICATES
PUBLIC WATER BUT NOT
PUBLIC SEWER. (CO)

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 4-11-95

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER GRACE EPISCOPAL Church

ADDRESS 6725 Montgomery Road PHONE 796 3270

AGENT OR PROSPECTIVE BUYER Jeff Harman

ADDRESS 13319 Elliott Dr Clarksville Md PHONE 531-3007
21046

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION ELI Bank Drive

TAX MAP 386101 P765 (2.0 F 3 parts) PARCEL # C

SIZE OF LOT 1.5814 ACR TYPE BLDG. Single Family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

Michael B Russell
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

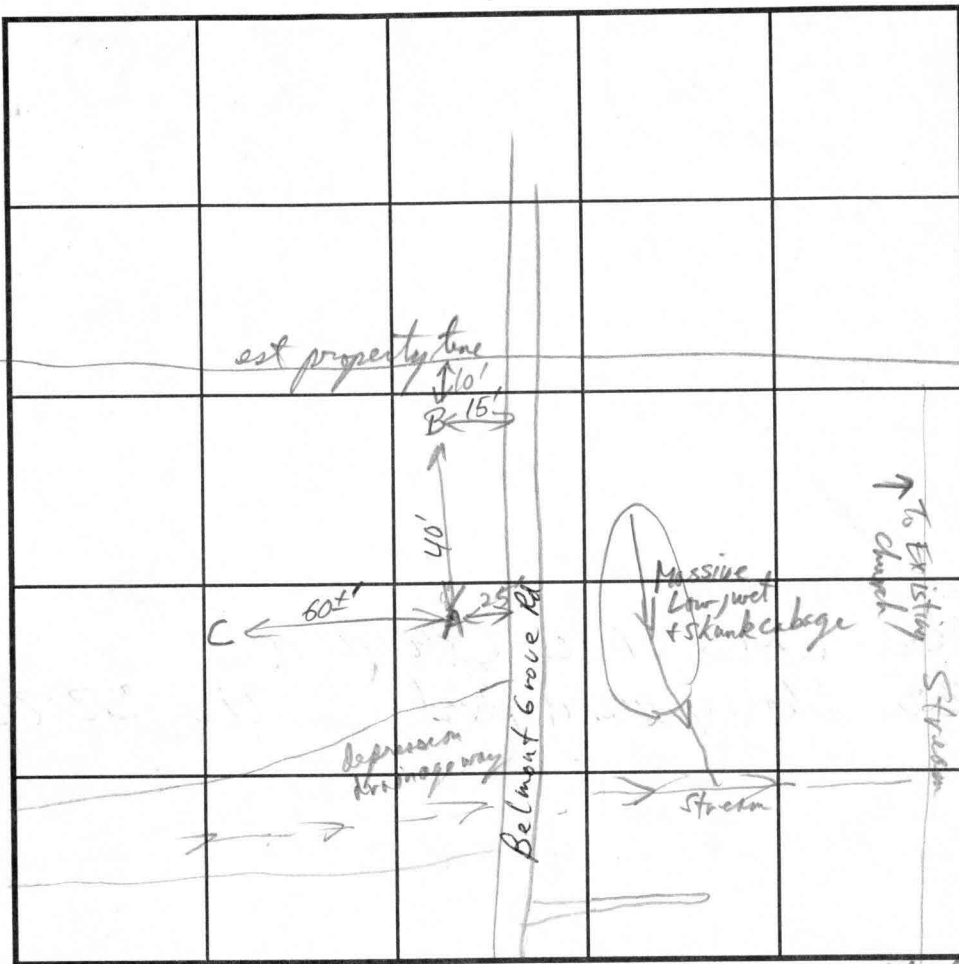
A 50644
COUNTY #

SOIL PROFILE

0' A
see
Detailed
Description
Sheet

B

10' 10-12" mfb
red Ben SL
25' 15-18" mfb
Sandy Ben SL
& pale red Ben
SL-LS
34' 18-20" mfb
Mix Sandy Ben
red Ben & Massive
gray SL-LS
5' 25-30" mfb
gray white SL
9.5-10" R
8' 11-12" mfb
Massive
-single
salvaged LS



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Elitank Dr

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|--|---------|----------|--|--------------------|----------|-------------------------------------|
| | | | START | STOP | START | STOP | |
| 4/25/95 | (A) | 35' | 10:55:00 | 11:24:00 | 11:24:00 | 11:58:00 | 34min fail |
| | pre S.M. Test | 16'-32" | | stop 11:51 | 3/4" drop in 33min | | water level 5' rising - 9' at 03:15 |
| | (B) | 18' | | Visual only (at edge of property) | | | fail |
| | (C) | | | wet + cavity @ 6' (water) at 9' rising | | | |
| | Test Hole already covered on my arrival - presumed same as (A) | | | | | | |
| | see separate sheet for more detailed soil description | | | | | | |

REMARKS High water tables - per ks too slow - insufficient Area for Sand Grounds.
 TYPE OF SOIL RuC2, Em, L1 (Near KhC2 at Elitank Dr) Test in Bedford SL -
 TESTED BY R. P. Riley ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

May 8, 1995

Grace Episcopal Church
c/o Jeff Harman
13319 Elliott Drive
Clarksville, MD 21046

RE: PERCOLATION TEST RESULTS
Application #A50644
Proposed Use: Recorded Lot
Elibank Drive
Tax Map 38, Parcel 765 "C"

Dear Mr. Harman:

Percolation testing conducted April 25, 1995 on the above referenced property indicated unsatisfactory soil conditions. Limiting conditions were slow percolation rates and seasonally high water tables.

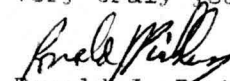
Copies of the test results are enclosed.

Based on the two observed test holes and the negative topographic features (i.e. drainage basins and streams and areas of wetland vegetation, the proximity of two roadways and the rear property line), there appeared to be insufficient remaining area to warrant further testing.

If you request review of this decision, such review is contingent upon submission by a registered engineer of a percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site. The plat should also include the location of all existing wells and septic systems on the property as well as the location of any other relevant features such as streams, swales, or existing structures. A note must be included certifying that all wells and septic systems within 100' of property boundaries have been shown.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 313-2640.

Very truly yours,


Ronald J. Finkley, Sanitarian
Water and Sewerage Program

Enclosures
cc: File

Tax Assessment Office
Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2642
Director (410) 313-2645 TDD (410) 313-2323



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

April 11, 1995

Mr. Jeff Harman
13319 Elliot Drive
Clarksville, MD 21046

RE: PERCOLATION TESTING
Receipt #50644
Parcel C
Elibank Drive

Dear Mr. Harman:

A percolation test date has been reserved for 10:00 a.m. Tuesday, April 25, 1995.

You will be responsible for having a contractor on-site to excavate test holes at the corners of proposed percolation area.

Please call this office between 8:30 a.m. and 4:30 p.m., Monday through Friday, to confirm your acceptance of this percolation test date.

Thank you for your cooperation in this matter.

Very truly yours,

Craig Williams, Program Director
Water and Sewerage Program

CW:vr

cc: File

SOIL DESCRIPTION

NAME Elibank COUNTY Howard FILE NO _____
 SOIL MAP UNIT Rumford Sandy loam MAP SYMBOL RuC₂, Em DATE 4/25/95
 GEOLOGIC MATERIAL Unconsolidated sands + clays ELEVATION _____ GRID NO _____
 NO. A DESCRIBED BY RJPinkley

| Horizon | Depth in. | Color | | Texture | Structure | | % Rock Fragments | Notes (Moisture, Density, Biopores, Seepage) |
|----------------|--------------|------------------------------------|--|---------|-----------|---------|------------------|---|
| | | Matrix | Mottles | | Grade | Type | | |
| A | 0-1" | Black loam | — | Loam-SL | f-m 3 | gran | — | very organic Ls |
| | 1-10" | Dark Neutral Brown | — | SL | f-m 2 | gran | — | moist Ls - mvfr abundant root holes |
| BA | 10-19" | yellow 10YR 8/4 | — | SL | f 1 | sbk-Ls | — | moist mvfr-Ls |
| B ₂ | 19-30" | yellow - Tan 10-7.5YR 7.5/6 | f-c 1-2 f faded mottled & sandy grey | SL | f-m 1 | sbk-Ls | — | moist mvfr |
| B ₃ | 30"-44" | pale yellow yellow 7.5YR 8/4 | c 1-2 d yellow 7.5YR 5/8 mid grey 10YR 7/4 | hSL | m-c 1 | sbk | — | common peaty roots mfi-mfr AIP pores moist |
| B _g | 44"-55" ± | grey-blue grey (7.5YR 7/1) | Ec 3 f yellow reddish 10-7.5YR 5/8-6 | SL | — | Massive | — | v wet - saturated |
| C _g | -6'3" | grey grey white | 7.5YR 8/1 | SC-CL | — | Massive | — | slight moist |
| | | | | | | | | |
| | | | | | | | | |

LANDSCAPE Site is 15 FT From edge of drainage swale depression

Position
 Summit _____
 Shoulder _____
 Sideslope
 Footslope
 Depression _____
 Upland _____
 Terrace _____
 Floodplain _____

Slope
 Percent _____
 Shape _____

SOIL DRAINAGE CLASS

ED _____ MWD _____ PD _____
 WD _____ SPD VPD _____

WATER TABLE

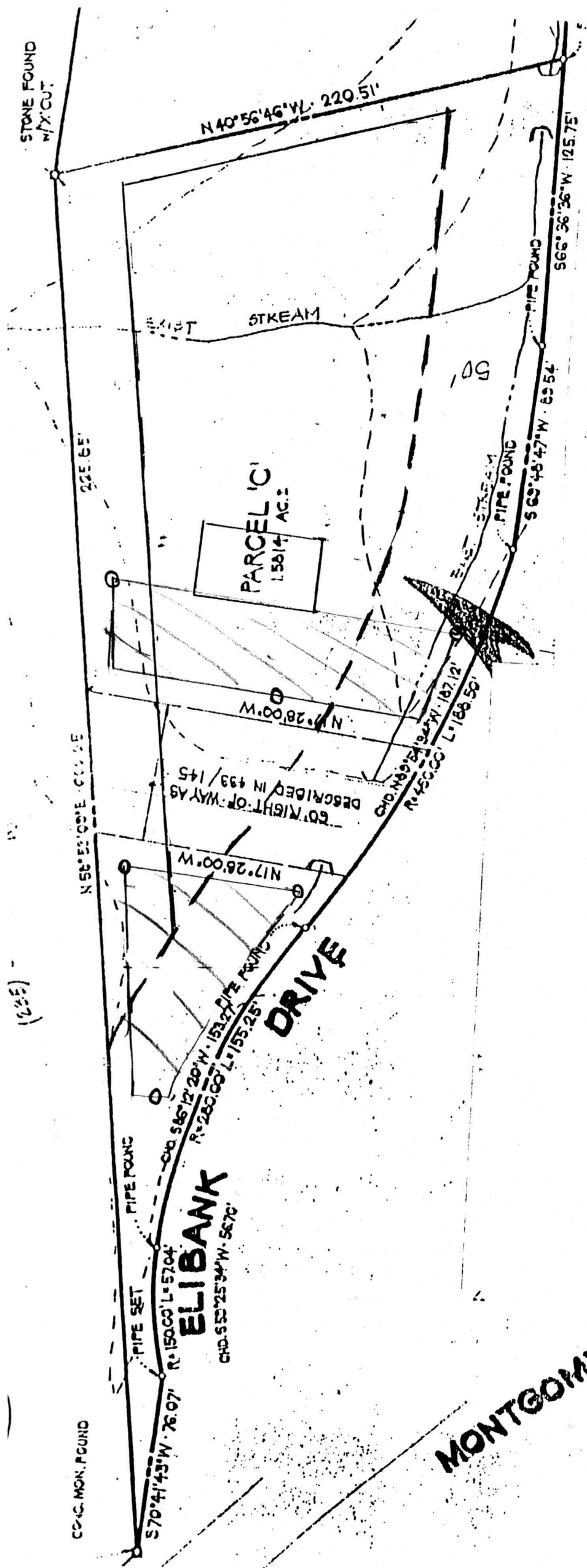
3 1/2' - 5' variable in season

LIMITING ZONE

Water Seepage 4/8" water level 5'
 gleyed at 44" mottled at 30" or less

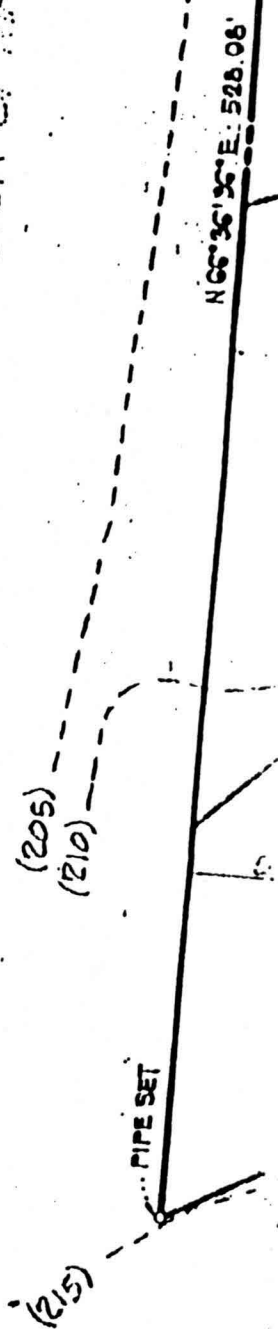
SOIL CLASSIFICATION

Rumford Sandy loam

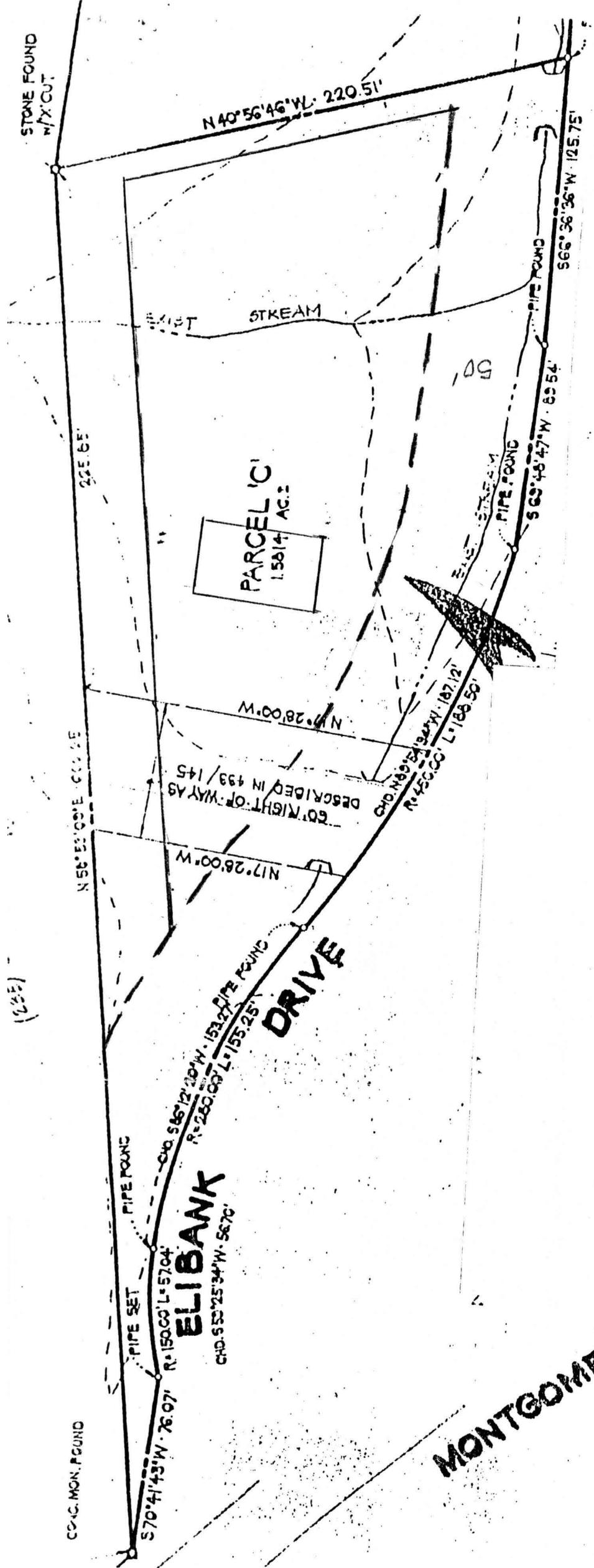


INTERSTATE ROUTE 98
 STATE ROADS COMMISSION OF MARYLAND

\$ 98,500



102



INTERSTATE ROUTE 98
 STATE ROADS COMMISSION OF MARYLAND PL

\$ 98,500

(215)
 (210)
 (205)

PIPE SET

70