

MARYLAND GEOLOGICAL SURVEY  
Merryman Hall  
The Johns Hopkins University  
Baltimore, Maryland 21218  
(301) 235-0771

COUNTIES (MD/PA) CECIL/CHESTER  
M&D milestone no. 10 (11) crownstone  
MHT-HSI no. CE-IX-664

*crownstone crownstone base foundation collar*  
**PROTECTED/ENDANGERED/MISSING**

**FIELD SHEET: MASON & DIXON LINE, MARYLAND-PENNSYLVANIA BOUNDARY MARKER SURVEY**

**LOCATION:** USGS 7.5' quadrangle Bay View UTM 18.41580.439712  
**original site/moved/date** 1766 obliterated (unmarked) **bench mark/date** none observed  
**Unmarked site if/not lost:** <sup>foundation</sup> about 650' E of MD 272, under graded residential (apt.)  
development land, at point about 0.8 mile SSE of Chrome, PA, off S/S Alisa Road.  
<sup>Upper half of</sup> stone now stored in basement of Calvert Brick Meeting House in Calvert, MD.

**DIRECTIONS TO SITE:**

From M/D 9 (10): continue NW about 1.3 miles on road to Chrome, PA; turn left (S) on PA /MD 272 to state line roadside concrete monument; turn left (E) on Alisa Road to approx. site E of silo.

**DESCRIPTION/MEASUREMENTS:** original/replica/replacement/date 1766, squared oolitic limestone post, broken off from foundation about 12" below grade level

**N face (PA):** Penn coat of arms badly disfigured; chips all edges large chip into emblem (NE edge); some fluting

**E face:** some fluting discernible; chips all edges & corners

**S face (MD):** Calvert coat of arms badly weatherworn; chips all edges & corners; some fluting discernible

**W face:** fluting discernible; chips all edges & corners

**top:** no planes remain; badly weatherworn; several large pits; chips all edges & corners

**bench mark:** none indicated on maps; none observed

**CONDITION OF MARKER/FOUNDATION:** excellent/good/fair/<sup>stone</sup>deteriorated/<sup>foundation</sup>ruins/unexposed  
1900-03 Resurvey notes (order no. 11), as in MGS Vol. 7, 1908, p. 83

11. Milestone No. 10, M.&D., 1766, "crown stone," in line of fence east of road leading from Calvert, Md., to Chrome, Pa.

1950 Inspection notes (present order no. 10, photo no. 10) as in Bayliff, 1959, Appendix C, p. 95

11.\* Original crownstone in place, badly chipped on north side; piece broken from stone lies on ground. Owner of property reports that a "woman in Oxford, Pa. took a piece of bronze from the stone and won't return it." The bronze (over) 1979-80 inspection notes: order no. 10 (11); photos/negatives/slides no. 10 (11)

10 (11) Upper half of original M&D crownstone of 1766 now in storage in deteriorated condition; coats of arms discernible but badly weatherworn; chips all corners & edges, large chip NE edge into Penn coat of arms. Stone protected; foundation

**SURROUNDING PROPERTY OWNERS (MD/PA):** names, addresses, phones endangered or gone.

**MD:** tax map 4, block 18, P. 43, deed <sup>was</sup> 243/38, ac. 29.00, index

? Alisa Construction Co. (or E. Nottingham Twp. 60' road R/W)

**PA:** tax map 69, block 10, P. 40, deed /, ac., index

? First Federal Savings & Loan, P.O. Box 630, Wilmington, Delaware 19899

**RECORDED BY:** names, addresses, phones, dates Jean Ewing 4/2/80 & 7/80

P.O. Box 66, Darlington, MD 21034 (301) 457-4757

Assisted by Miss Frances Taylor (4/2/80), Conowingo, MD 21918

Also see: reverse side X, B&W photos X, negatives X, color slides X, maps X, MHT-HSI form, other

1950 Inspection notes (continued):

was probably a triangulation mark of U. S. Geological Survey.

#### NOTES

The ownership of the property surrounding this stone site could not be verified in the Maryland tax records, but appears now to be East Nottingham Township as part of a 60' right-of-way for Alisa Road, in connection with the residential development taking place. There has been considerable grading for construction of apartments as well as the road improvement, and although the marker site appears open with no road or structure built upon it, the marker base/foundation collar may have been destroyed. Exactly when the crownstone was damaged, removed and placed in the basement of the Calvert Brick Meeting House in Calvert, has not been verified. According to George W. Lutz III, field historian for the Maryland Historical Trust's Cecil County Committee (in MHT-HSI form 10/10/76): "In the summer of 1976 the stone was hit by a car and was broken beneath ground level." According to Frank J. Perozziello and his Eagle Scout Troop, who have walked this part of the Line as a project: local residents said that so many people were chipping off pieces of the stone, the Friends took it in the 1950's in order to save and protect the stone until it could be reset and protection provided. According to Jean Ewing: "the Boy Scout Troop and Mr. Edward Plumstead were instrumental in protecting this crownstone from being buried on this site and placed the stone inside the Calvert Brick Meeting House (about 1.4 miles south of the site) for temporary safe-keeping, awaiting official plans for its future."

RECOMMENDATIONS. We suggest that history of stone removal and property ownership be verified, and existence of base/foundation <sup>officially</sup> be determined. If feasible and if protection can be provided, the stone should be reset at original site or appropriate nearby location on the Line.

#### B&W PHOTOS/NEGATIVES

5x7 SE corner (neg # 11A) Jean Ewing 7/80  
5x7 NW corner (2x3 copy neg from JE B&W print) Jean Ewing 7/80  
5x7 View E (neg 12A) Jean Ewing 4/2/80

#### COLOR SLIDES

SE corner (# 13) Jean Ewing 7/80  
NW corner (# 15) Jean Ewing 7/80  
View E (# 14) Jean Ewing 4/2/80  
Ext. view, Calvert Brick Meeting House (# 3) 4/2/80

#### MAPS

USGS 7½' topographic quadrangle section  
1900-03 Resurvey engineer's map (Plate VIII), updated  
MD tax map section

#### OTHER

2 xeroxed pages of J. M. Dickey (1877) letter/C. C. Cresson (1879) memorandum,  
W. T. Smedley wood engraving (on file at Maryland Historical Society's  
Prints & Photographs Dept., Harwood collection)

4 3x5 B&W contact prints deaccessioned 1/30/81 from MHS Trumbull Coll. as gift to  
MHS archives (PP2.7.12, 2a, 8a, 9a)

2/9/96

Ken:

Attached are some of the information & photos of the monuments we discussed by phone. I hope they'll be helpful.

If you have a chance to read the article about Edward Plumstead, you will realize he has been the main reason the Cecil County Mason-Dixon cornerstone monument No. 10 has survived since the early 1970's. As long as Mr. Plumstead lives, you can be sure it (the stone) will be protected. It's important, however, for some formal MGS contact be made & some <sup>statement</sup> be drawn up — as to eventual disposition. So far, I gather, that MDLPP Todd Babcock, Charles Bither, Bob Bechtol have NOT broached the subject & have been factful in their inspections at the Plumpton Park Zoological Gardens. It's a FINE modest Zoo & gardens, with these historic buildings on the grounds (see article)

I'll have to send more later, but need to wait until I can bring it in.

Alice Mattia

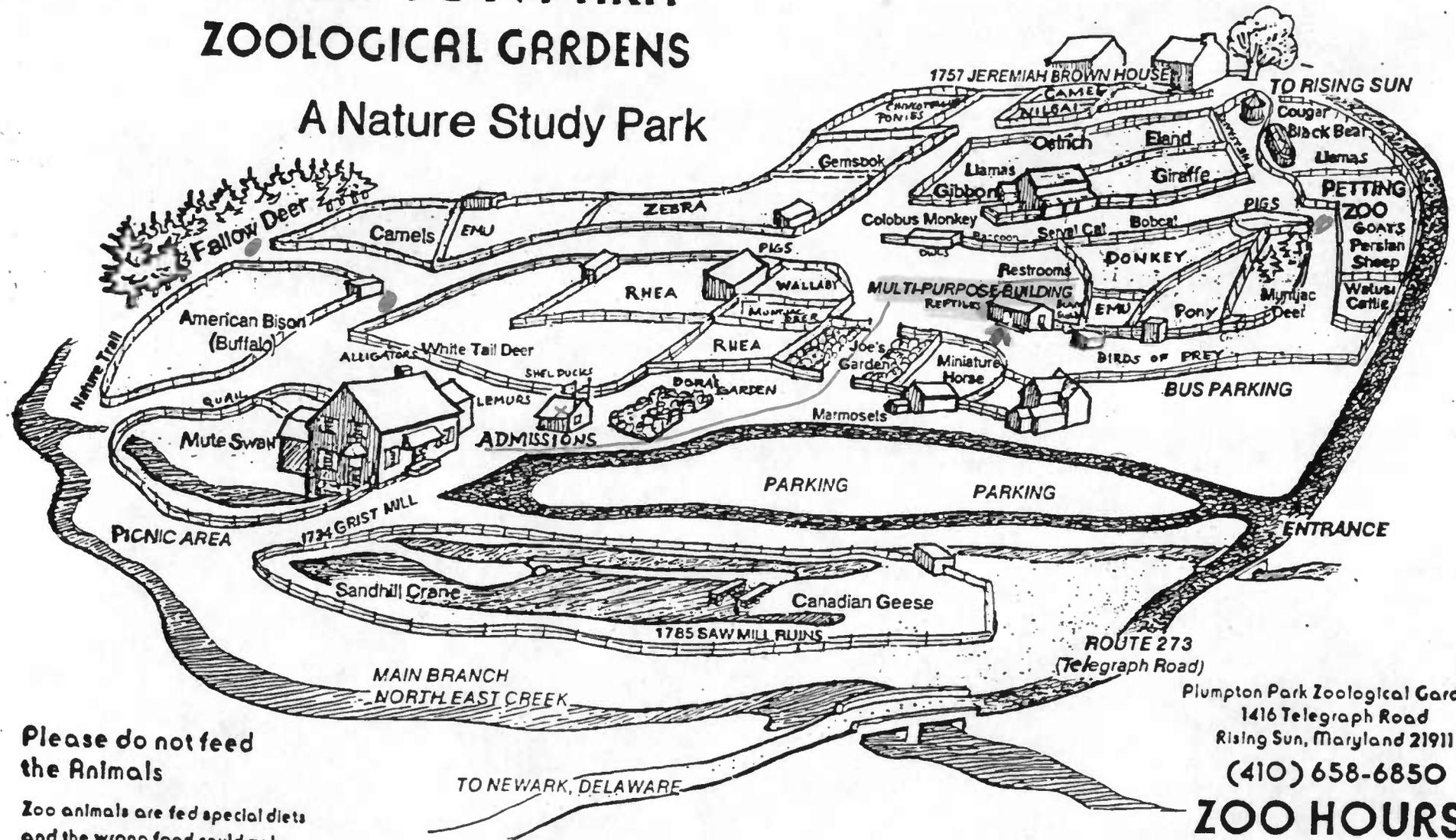


1485

Plumpton Park is dedicated to the memory of Joseph Edwin Plumstead (1892-1955) and Dora Clark Tash Plumstead (1891-1985) who made this their home in 1946.

# PLUMPTON PARK ZOOLOGICAL GARDENS

## A Nature Study Park



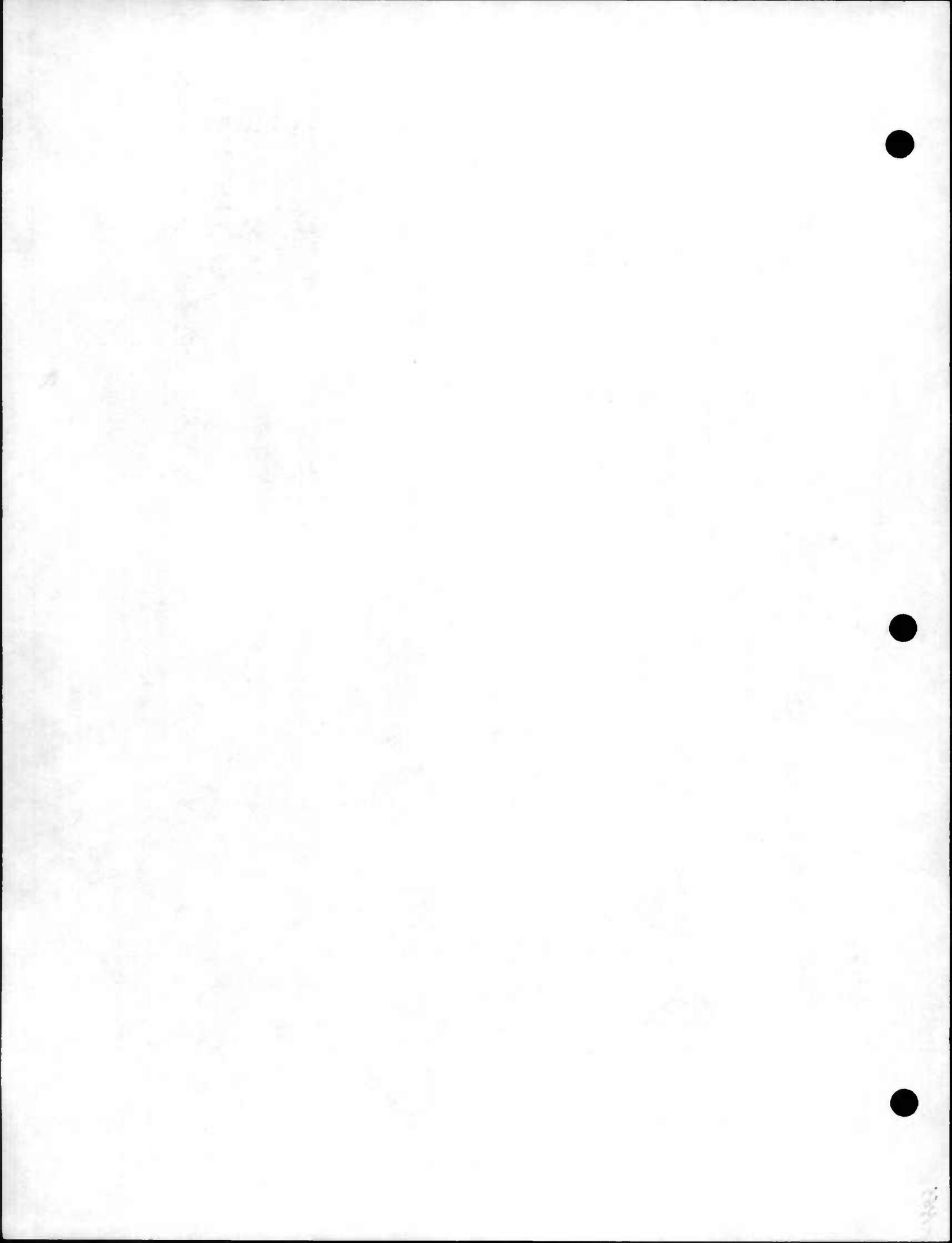
**Please do not feed the Animals**  
Zoo animals are fed special diets and the wrong food could make them sick.

Plumpton Park is a portion of land grants from William Penn to James, William, and Mercer Brown in 1701. The 18th century structures and sites within the Park were placed on the National Register of Historic Places in 1967

Plumpton Park Zoological Gardens, Inc. is recognized as a non-profit institution 501(c)(3) by the Internal Revenue Service.

Plumpton Park Zoological Gardens  
1416 Telegraph Road  
Rising Sun, Maryland 21911  
(410) 658-6850  
**ZOO HOURS**  
**OPEN EVERY DAY 10-4**

↗ = location of MASON & DIXON'S WEST LINE MILESTONE NO. 10 (11) CROWNSTONE



5761 SE  
(KIRKWOOD)

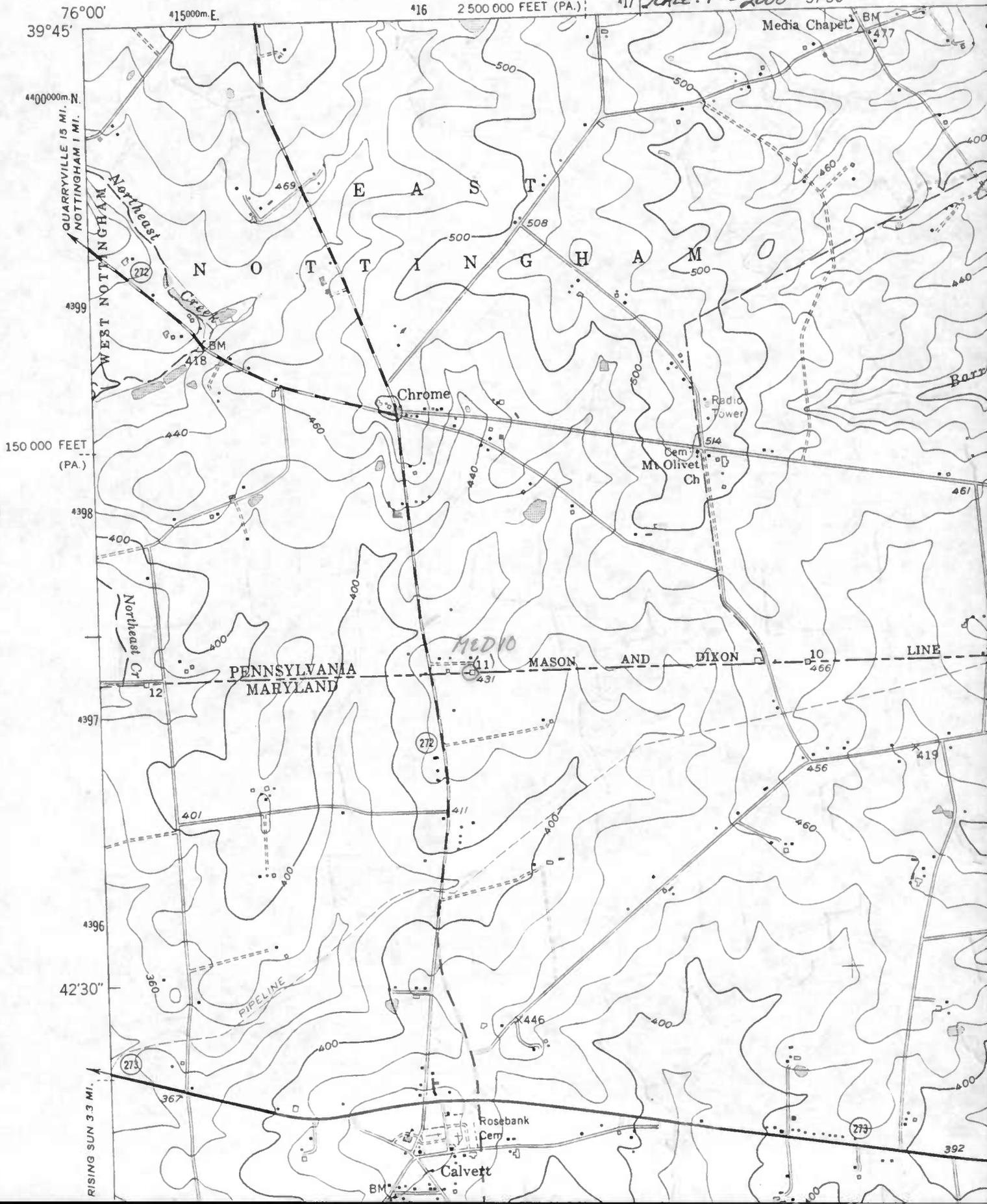
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

CE-IX-664

MASON & DIXON WEST LINE: MILESTONE 10 (11)

BAY VIEW QUADRANGLE  
MARYLAND-PENNSYLVANIA  
USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)  
1953 PHOTO REV. 1970

SCALE: 1" = 2000'



76°00'  
39°45'

15000m.E

416

2 500 000 FEET (PA.)

417

57°30'

Media Chapet BM

477

4400000m.N.  
QUARRYVILLE 15 MI.  
NOTTINGHAM 1 MI.

WEST NOTTINGHAM  
Northeast Creek

4399

BM

418

150 000 FEET  
(PA.)

4398

400

400

400

400

4397

401

400

400

400

4396

360

400

400

400

400

400

400

RISING SUN 3.3 MI.

E A S T  
N O T T I N G H A M

Chrome

Radio Tower

Cem  
Mt Olivet  
Ch

PENNSYLVANIA  
MARYLAND

MASON AND DIXON LINE

MEDIO

11

431

272

411

400

446

400

400

400

Rosebank  
Cem

Calvett

BM

456

460

400

400

400

400

419

460

400

400

400

400

392

Boyle

FROM: JOHN W. ...  
TO: ...  
SUBJECT: ...

FROM

MASON & DIXON WEST LINE:  
MILESTONE NO. 10 (CROWNSTONE)

# MASON AND DIXON'S LINE STONE

NEAR

OXFORD, CHESTER CO., PA.

PHILADELPHIA, NOV. 8, 1877.

C. C. CRESSON,

DEAR COUSIN:

The enclosed are the best views Mr. McCormick could get of the stone.

He went down with Cresson, (Dickey,) before taking them and cleaned it somewhat, which made the marks upon it more plain.

I trust you have had a pleasant summer, &c.

Very sincerely, &c.,

(Signed.)

J. M. DICKEY.

## MEMORANDUM

BY

JOHN M. DICKEY.

This stone is four miles South of Oxford, in a field, where there are a short distance West of it, two depressions in the ground marking the foundations of the School-houses built in the last century by Friends of the Nottingham Meeting

They were of logs, a short distance apart, one for boys and the other for girls.

John, or George, Churchman was most interested in the establishment of the Schools.

The small farm attached to them was called the "Institution" farm.

These stones are placed five miles apart, and between them at intervals of one mile are smaller stones, marked with—P.— on the one side and —M.— on the other.

This stone has many visitors, and as seen in the photograph, the corners are being chipped off and unless protected may be soon destroyed

The foregoing letter and memorandum were written by the late John Miller Dickey, of Oxford, President of the Lincoln University; but who, at the date of the letter, was residing in Philadelphia, at his house No. 2031 Chestnut Street.

The Five-mile stones of the Mason and Dixon's Line, are about 6 inches thick, and 12 inches broad; they project out of the ground about 18 to 24 inches.

They appear to be made of a fine-grained Granite, which is blue when damp.

They are so arranged, that the Arms of the Penn family are facing towards the Delaware and Pennsylvania side of Mason and Dixon's Line, and the Arms of Lord Baltimore, (on the opposite side of the stone,) are facing towards Maryland.

Photographs of the stone were made by Alexander McCormick, of Oxford; from which photographs the accompanying view was drawn, and engraved, on wood, by William T. Smedley, of Philadelphia.

CHARLES CALEB CRESSON.

9 Mo., 5, 1879.

*A. Martini note 6/3/80; this stone was vandalized & was removed to Calvert Brick Meeting House for safekeeping (2 is still in fair shape)*

*MHS-PEP (HARWOOD COLL.)*

*01 of 2*

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 435

LECTURE 10

STATISTICAL MECHANICS

LECTURE 11

PHYSICS 435

LECTURE 12

PHYSICS 435

LECTURE 13

PHYSICS 435

MASON & DIXON WEST LINE;  
MILESTONE NO. 10 (CROWNSTONE)



A.M. NOTE: Engraving of the stone & Dickey/Cresson letters are on file (5/80) at  
MHS; PEP (HARWOOD COLL), Baltimore





M63

①

Masonic Dixon's West Line; Milestone No. 10 (11)  
unexposed base of original crownstone

Photo: Alice Martin 9/23/95 (1995.1.17)

Spikes

○ roofing nailhead  
(in approx. center)



MG5

6

MASON & DIXON'S WEST LINE: MILESTONE NO. 10 (11)

an original cornerstone of 1766

close up of north side (against porch floor & railing of  
multipurpose Building in Plumpton Park Zoological  
gardens)

Photo. Alice Martin 9/23/95 (1995.1.24)



MASON & DIXONS WEST LINE. MILESTONE NO. 10 (11)  
an original crownstone of 1766 (at  
present in safe keeping at the  
multi-purpose Building in Plumpton  
Park Zoological gardens

Photo: Alice Martin 9/23/95 (1995.1.21)  
closeup of southeast corner,  
showing Calicut shield



4  
Mason & Dixon's West Line: Milestone No. 10 (11)  
Judd Babcock setting up for GPS  
Satellite data recording of unexposed  
Crownstone base

Photo: Alice Martin 9/23/95 (1995.1.18)  
View looking South



MGS

8

MASON & DIXONS WEST LINE: MILESTONE NO. 10 (II)  
original cornerstone of 1766  
(west side e top)

Photo: Alice Martin 9/23/95 (1995.1.22)



MC-5

(file) Mason & Dixon's West Line: Milestone No. 10(11) (in center) <sup>(4)</sup>  
above ground portion of original crownstone, on  
temporary display at Plumpton Park Zoological  
Gardens, S/S MA Pk 273, vicinity of Calvert

Photo: Alice Martin 9/23/95 (1995.1.20)

view of Calvert Coat of Arms (originally facing  
south) now propped against porch entrance  
to Multi Purpose Building



MGS

(7)

MASON & DIXON'S WEST LINE: MILESTONE NO. 10 (11)  
an original crownstone of 1766  
closeup of top

Photo: Alice Martin 9/23/96 (1995.4.23)





1764

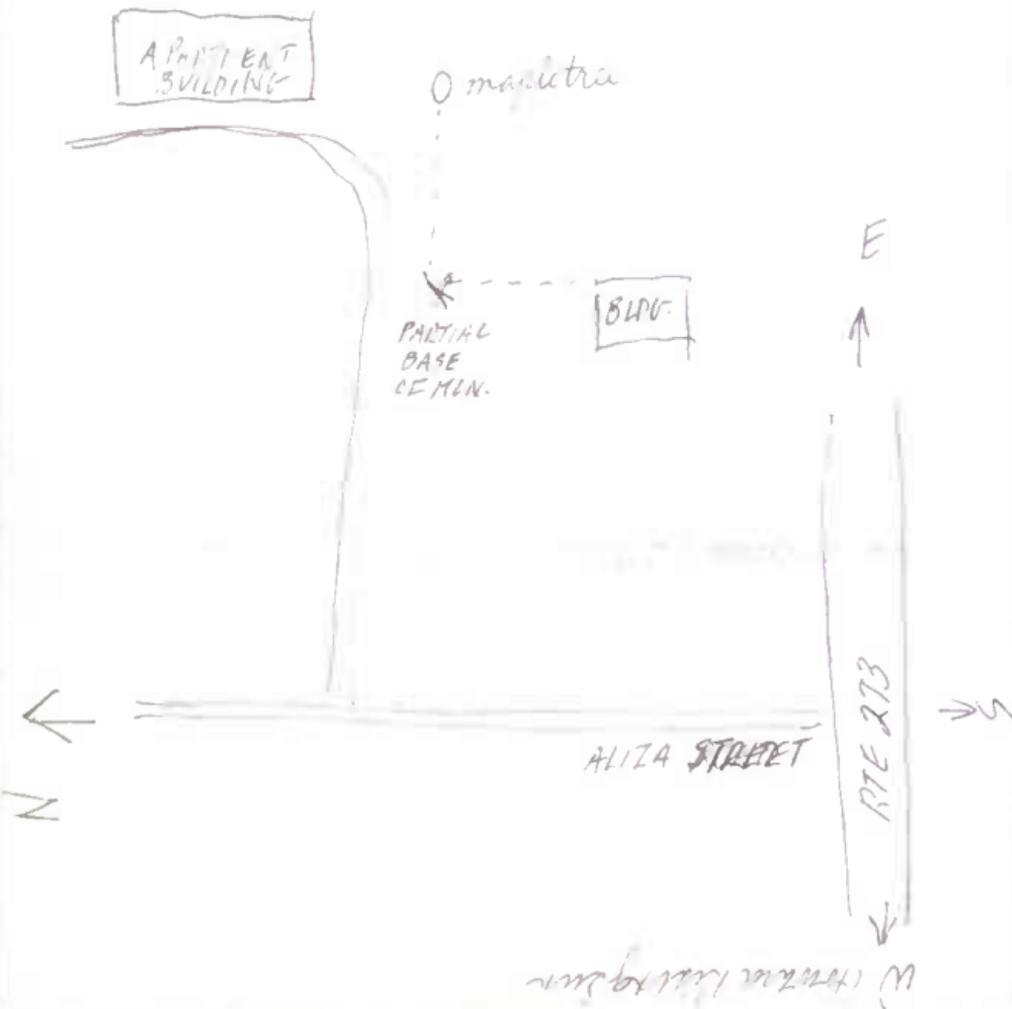
(3)

Mason & Dixon's West Line:

Milestone No. 10 (11)

Todd Babcock at unexposed  
base of original crownstone

Photo: Alice Martin 9/23/95 (GPS session)  
view looking east toward  
maple tree





1163

10-25 CE 25-664

MASONRY WORK AT THE APERTURE OF "COURTSTONE"

NO. 100000 FROM 1000 TO 1005  
THEY SHOW LARGE QUANTITIES OF

AS SEEN IN THE PHOTOGRAPH - SEE THE PHOTOGRAPH OF THE  
MASONRY WORK AT THE APERTURE

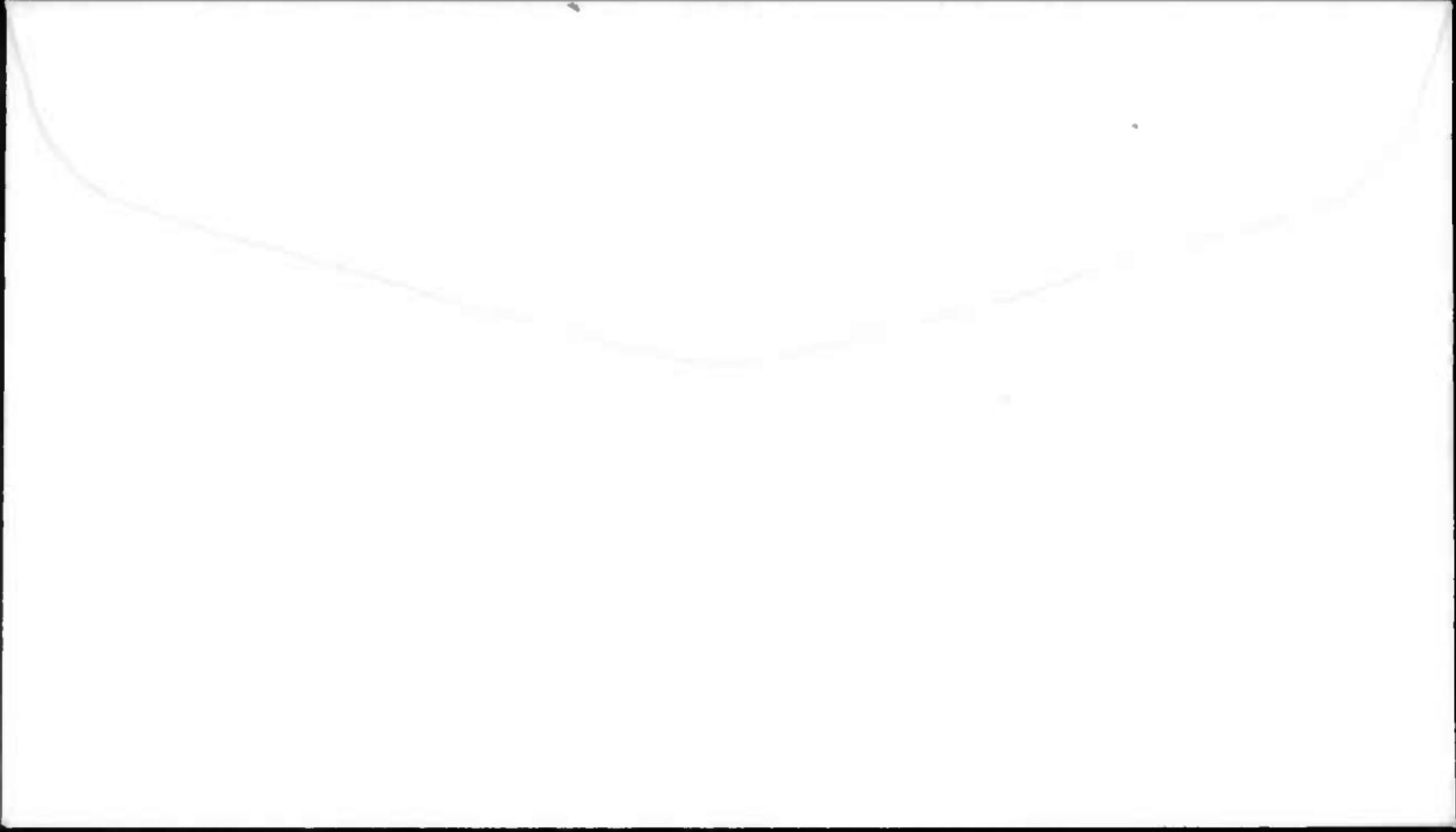
PHOTOGRAPH SHOWS THE (COPY NO. 711)  
2X3

MS

MAT-HSI: CE-IX-664

MASON & DIXON WEST LINE: MILESTONE NO. 10 (CROWNSTONE)

NEG. # 18 (COPY NEG. 2" x 3" NW CORNER (from J. Ewing print  
7/80))





← PART OF STONE  
BELOW GROUND LEVEL →

1951

MAY 451 CE-XX-6611

MASONRY WORK SYSTEMS (MASONRY AT 10, 100, 1000)

SE COVER (2200-200-1000000)

AS OF THE 10 MASONRY SYSTEMS (MASONRY AT 10, 100, 1000) WITH MASONRY WORK SYSTEMS (MASONRY AT 10, 100, 1000)

FROM THE MASONRY SYSTEMS (MASONRY AT 10, 100, 1000)







(See MHS neg 211. — . PP2.7.1a)

MET WEST LIME MILESTONE 10 (11)  
SW CORNER (- 1 Caliche road) (Crown Hill)

PHOTO: DR. A. L. TRUSSELL

5621

11/24/49

Deaccessioned from MHS - PAP 1/30/81



(See MHS neg. ZH. \_\_\_\_ . PP2-7-2a)

MED WEST LINE: MINESTRAL'E 10 (11)

# 10 - C.S. a crownstone

SW CORNER (- / Calvert Post Farm)

+ DR. A. L. ROSSILL 5

PHOTO:

(probably Elec. Tharodes)

5  
5  
5  
11/24/49

Deaccessioned from MHS-PEP 1/30/81



(See MHS neg. 24. — . PP2. 7.9a)

MED WEST WINDMILL STAGE 10 (11)  
(R. 11070-11075)

N/S (Pinn. loc. of d. 115)

PHOTO: DR. A. L. TRUSSELL 11/24/49

6  
2  
3

Deaccessioned from MHS - PAP 1/30/81



(see MHS neg. 24. ... PP 2. 7. 2a)

MED WEST LINE MILESTONE 10(11)  
SA 2200 2500

? SCRIE

5

6

PHOTO: DR. A. L. TRUSSELL

2

11/24/49

1

Deaccessioned from MHS-PEP 1/30/81