

NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM

(Type all entries - complete applicable sections)

STATE: Missouri
COUNTY: Boone
FOR NPS USE ONLY
ENTRY DATE

1. NAME

COMMON:
Sanborn Field and Erosion Plots

AND/OR HISTORIC:

2. LOCATION

STREET AND NUMBER:
University of Missouri Campus

CITY OR TOWN:
Columbia

CONGRESSIONAL DISTRICT:
8th

STATE: Missouri CODE: 29 COUNTY: Boone CODE: 019

3. CLASSIFICATION

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input checked="" type="checkbox"/> Site <input type="checkbox"/> Building <input type="checkbox"/> Structure <input type="checkbox"/> Object	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Both	Public Acquisition: <input type="checkbox"/> In Process <input type="checkbox"/> Being Considered	<input type="checkbox"/> Occupied <input checked="" type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress
PRESENT USE (Check One or More as Appropriate)			
<input type="checkbox"/> Agricultural <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Educational <input type="checkbox"/> Entertainment	<input type="checkbox"/> Government <input type="checkbox"/> Industrial <input type="checkbox"/> Military <input type="checkbox"/> Museum	<input type="checkbox"/> Park <input type="checkbox"/> Private Residence <input type="checkbox"/> Religious <input checked="" type="checkbox"/> Scientific	<input type="checkbox"/> Transportation <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> Comments _____

4. OWNER OF PROPERTY

OWNER'S NAME:
State of Missouri

STREET AND NUMBER:
University of Missouri, Missouri Agriculture Experiment Station

CITY OR TOWN:
Columbia

STATE:
Missouri

CODE:
29

5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC:
Not applicable

STREET AND NUMBER:

CITY OR TOWN:
Columbia

STATE:
Missouri

CODE:
29

6. REPRESENTATION IN EXISTING SURVEYS

TITLE OF SURVEY:
National Survey of Historic Sites & Buildings

DATE OF SURVEY: 1963 Federal State County Local

DEPOSITORY FOR SURVEY RECORDS:
National Park Service, Office of Archeology & Historic Pres.

STREET AND NUMBER:
Interior Building, 18 & 19th Streets at Virginia Ave., N.W.

CITY OR TOWN:
Washington

STATE:
D. C.

CODE:
001

SEE INSTRUCTIONS

STATE: Missouri

COUNTY: Boone

ENTRY NUMBER

DATE

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7. DESCRIPTION

CONDITION	(Check One)					
	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Deteriorated	<input type="checkbox"/> Ruins	<input type="checkbox"/> Unexposed
	(Check One)			(Check One)		
	<input type="checkbox"/> Altered	<input checked="" type="checkbox"/> Unaltered	<input type="checkbox"/> Moved	<input checked="" type="checkbox"/> Original Site		

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

The plot performs the same function and remains in the same general condition as when created.

SEE INSTRUCTIONS

8. SIGNIFICANCE

PERIOD (Check One or More as Appropriate)

- | | | | |
|--|---------------------------------------|--|--|
| <input type="checkbox"/> Pre-Columbian | <input type="checkbox"/> 16th Century | <input type="checkbox"/> 18th Century | <input checked="" type="checkbox"/> 20th Century |
| <input type="checkbox"/> 15th Century | <input type="checkbox"/> 17th Century | <input checked="" type="checkbox"/> 19th Century | |

SPECIFIC DATE(S) (If Applicable and Known) 1888

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

- | | | | |
|---|---|---|--|
| <input type="checkbox"/> Aboriginal | <input checked="" type="checkbox"/> Education | <input type="checkbox"/> Political | <input type="checkbox"/> Urban Planning |
| <input type="checkbox"/> Prehistoric | <input type="checkbox"/> Engineering | <input type="checkbox"/> Religion/Phi- | <input type="checkbox"/> Other (Specify) |
| <input type="checkbox"/> Historic | <input type="checkbox"/> Industry | losophy | X <u>Medicine</u> |
| <input checked="" type="checkbox"/> Agriculture | <input type="checkbox"/> Invention | <input checked="" type="checkbox"/> Science | _____ |
| <input type="checkbox"/> Architecture | <input type="checkbox"/> Landscape | <input type="checkbox"/> Sculpture | _____ |
| <input type="checkbox"/> Art | Architecture | <input type="checkbox"/> Social/Human- | _____ |
| <input type="checkbox"/> Commerce | <input type="checkbox"/> Literature | itarian | _____ |
| <input type="checkbox"/> Communications | <input type="checkbox"/> Military | <input type="checkbox"/> Theater | _____ |
| <input type="checkbox"/> Conservation | <input type="checkbox"/> Music | <input type="checkbox"/> Transportation | _____ |

STATEMENT OF SIGNIFICANCE

Established in 1888 and located on the campus of the University of Missouri, Sanborn Field has for almost three quarters of a century made significant investigations with different soil treatments and cropping systems. It is the oldest completely organized soil and crop experimental field in the United States. One of the major contributions to agriculture as a result of these experiments was the knowledge that high yields of quality grain may be produced when the land is properly treated with chemical fertilizer or manure. Plots having received these treatments for 75 years are still producing some of the highest yields on the field.

The antibiotic, aureomycin was developed from experiments involving timothy grass grown on the plot.

The Soil Erosion Plots are part of the land bought by private subscription in the 1870's and deeded to the state for the "purposes of agricultural research and teaching."

SEE INSTRUCTIONS

9. MAJOR BIBLIOGRAPHICAL REFERENCES.

Smith, G. B., Sanborn Field: Fifty Years of Field Experiments with Crop Rotations, Manure and Fertilizers, Bulletin 458, University of Missouri, College of Agriculture, (Columbia, 1942).

10. GEOGRAPHICAL DATA

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY			O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES		
CORNER	LATITUDE	LONGITUDE		LATITUDE	LONGITUDE	
	Degrees Minutes Seconds	Degrees Minutes Seconds		Degrees Minutes Seconds	Degrees Minutes Seconds	
NW	0 . . .	0 . . .		38 ° 56 ' 33 "	92 ° 19 ' 13.50 "	
NE	0 . . .	0 . . .				
SE	0 . . .	0 . . .				
SW	0 . . .	0 . . .				

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: 7

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE:	CODE	COUNTY	CODE

11. FORM PREPARED BY

NAME AND TITLE:

Donald F. Dosch, Landmark Program Specialist

ORGANIZATION

National Park Service, MWRO

DATE:

January 24, 1974

STREET AND NUMBER:

1709 Jackson Street

CITY OR TOWN:

Omaha

STATE

Nebraska

68102

CODE

31

12. STATE LIAISON OFFICER CERTIFICATION

NATIONAL REGISTER VERIFICATION

As the designated State Liaison Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service. The recommended level of significance of this nomination is:

National State Local

Name (Sgd.) J. Leonard

Title _____

Director, Midwest Region
National Park Service

Date FEB 7 1974

I hereby certify that this property is included in the National Register.

Director, Office of Archeology and Historic Preservation

Date _____

ATTEST:

Keeper of The National Register

Date _____

SEE INSTRUCTIONS

NATIONAL REGISTER OF HISTORIC PLACES

PROPERTY MAP FORM

(Type all entries - attach to or enclose with map)

COUNTY Boone	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE

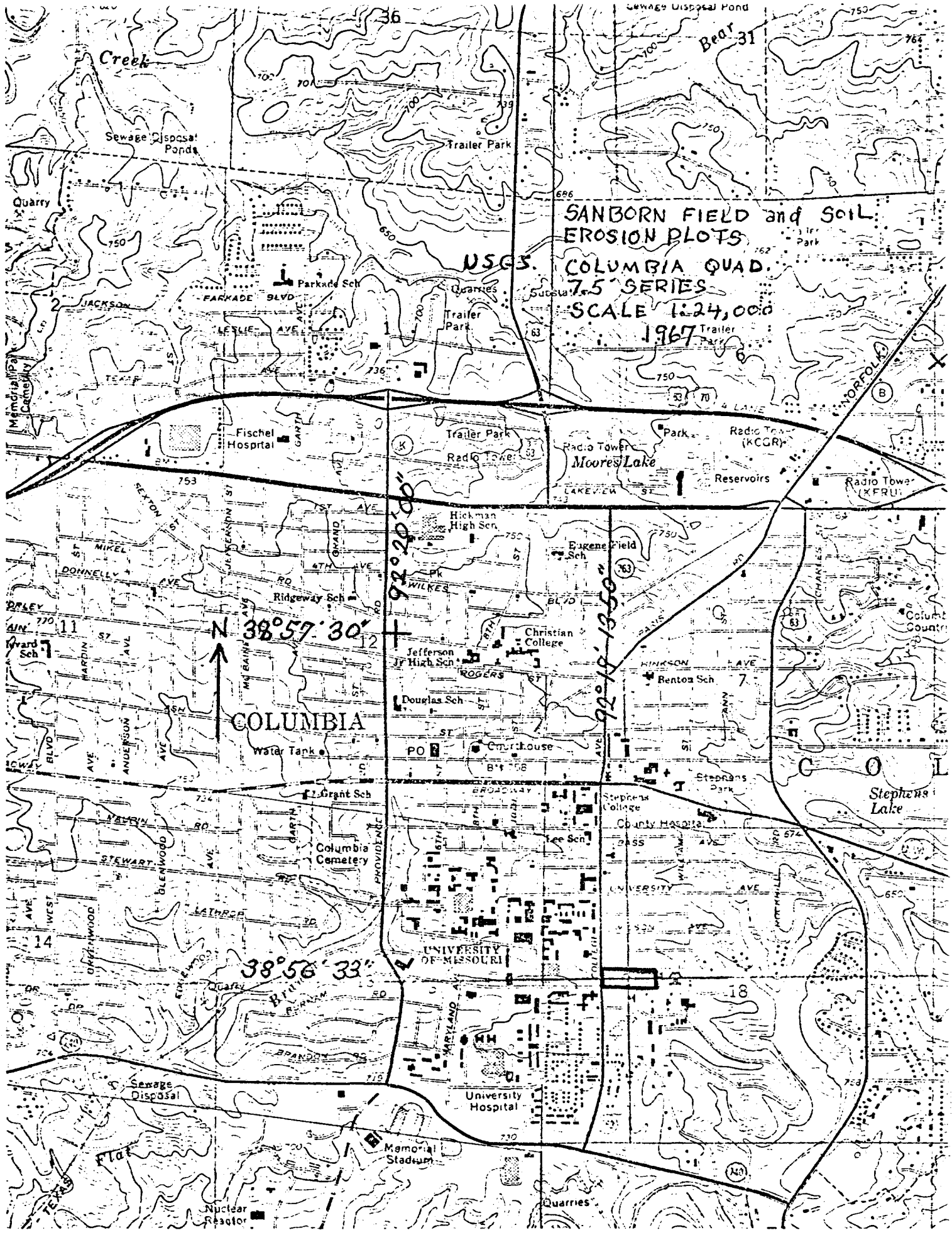
SEE INSTRUCTIONS

1. NAME			
COMMON: Sanborn Field and Soil Erosion plots			
AND/OR HISTORIC:			
2. LOCATION			
STREET AND NUMBER:			
University of Missouri Campus			
CITY OR TOWN:			
Columbia			
STATE:	CODE	COUNTY:	CODE
Missouri	29	Boone	019
3. MAP REFERENCE			
SOURCE:			
USGS 7.5' Series, Columbia, Mo. Quad.			
SCALE:			
1:24,000			
DATE:			
1967			
4. REQUIREMENTS			
TO BE INCLUDED ON ALL MAPS			
<ol style="list-style-type: none"> 1. Property boundaries where required. 2. North arrow. 3. Lotitude and longitude reference. 			

Boundary Description for

Sanborn Field and Erosion Plots

The field is bounded on the west by College Avenue, on the north by Bouchelle Avenue, on the south by Rollins Street, and on the east by a line fronting Connaway Hall.



SANBORN FIELD and SOIL
EROSION PLOTS
COLUMBIA QUAD.
7.5 SERIES
SCALE 1:24,000
1967

COLUMBIA

$92^{\circ}20'00''$

$92^{\circ}18'13.50''$

$38^{\circ}57'30''$

$38^{\circ}56'33''$

UNIVERSITY OF MISSOURI

Established in 1888 and located on the campus of the University of Missouri, Sanborn Field has for almost three-fourths of a century made a significant investigation with different soil treatments and cropping systems. It is the oldest completely organized soils and crop experimental field in the United States. Sanborn Field approaches in agricultural importance, the famous Rothamsted Experimental Field near London, England, which has been under carefully planned experiments since the 1840's.

SANBORN FIELD AND SOIL EROSION PLOTS

#120

COUNTY:

Boone

LOCATION:

University of Missouri campus, Columbia, Mo.

OWNER:

University of Missouri

ADDRESS:

Columbia, Missouri 65201

DATE PLACED ON NATIONAL REGISTER:

10-15-66

DATE CERTIFICATE AWARDED
(AND PRESENTOR):

DATE FILE REVIEWED:

NATIONAL HISTORIC LANDMARK

DATE OF ELIGIBILITY:

DATE OF PRESENTATION OF PLAQUE:

DATE OF ENTRY:

06-10-65

07-19-64

