

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

STATE:
Missouri

CONGRESSIONAL DISTRICT:
8th

COUNTY:
Boone

CODE:
29

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)

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:

STATE:

CODE:

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

FOR NPS USE ONLY

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)

- Pre-Columbian 16th Century 18th Century 20th Century
 15th Century 17th Century 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 | osophy | 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. E., 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			LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES	
CORNER	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, 1976

STREET AND NUMBER:
1709 Jackson Street

CITY OR TOWN: Omaha

STATE: Nebraska

CODE: 68102

CODE: 31

12. STATE LIAISON OFFICER CERTIFICATION

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 1976

NATIONAL REGISTER VERIFICATION

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

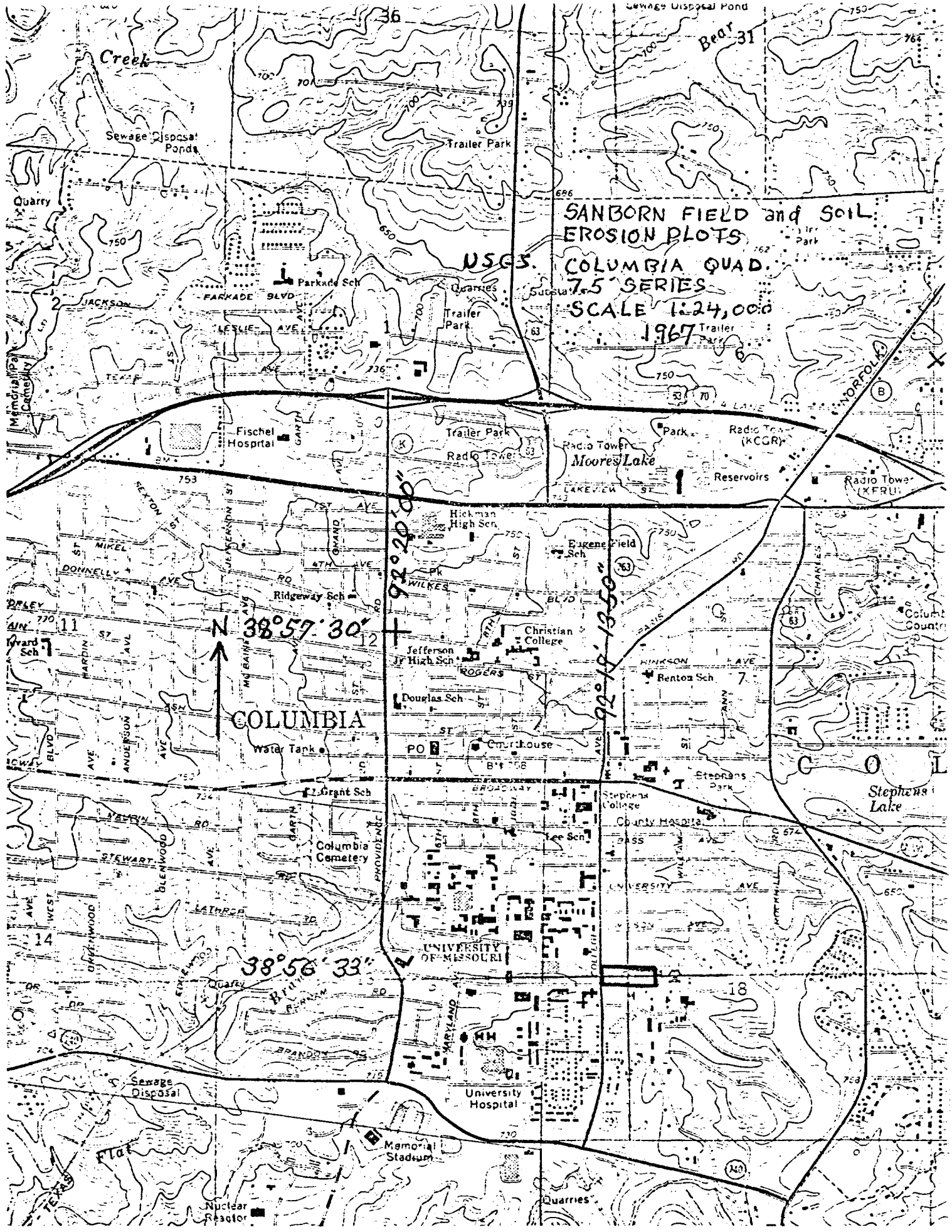
SEE INSTRUCTIONS

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			
1. Property boundaries where required.			
2. North arrow.			
3. Latitude 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
USGS. COLUMBIA QUAD.
7.5 SERIES
SCALE 1:24,000
1967

COLUMBIA

92° 20' 00"

92° 18' 13.50"

N 38° 57' 30"

38° 56' 33"

UNIVERSITY OF MISSOURI

Stephens Lake

Memorial Stadium

Nuclear Reactor

Creek

Sewage Disposal Ponds

Trailer Park

Sewage Disposal Pond

Beet 31

Quarry

Parkade Sch

Quarries

Trailer Park

JACKSON

FARKADE BLVD

LESLIE AVE

SUBSTATION

Trailer Park

750

53 70 4 LANE

Radio Tower (KFRU)

Fischel Hospital

Trailer Park

Radio Tower

Radio Tower

Park

Radio Tower (KCGR)

Moore's Lake

Reservoirs

MIKEL

Hickman High Sch

Eugene Field Sch

DRILEY

Ridgeway Sch

WILKES

Guard Sch

Jefferson Jr High Sch

Christian College

Douglas Sch

Benton Sch

Water Tank

PO

City House

ICWA

Grant Sch

Stephens College

County Hospital

YALVIN

Columbia Cemetery

PROVIDENCE

Lee Sch

UNIVERSITY

WEST

STEWART

BLENNWOOD

UNIVERSITY OF MISSOURI

UNIVERSITY AVE

DR

WILKES

LATHROP

UNIVERSITY OF MISSOURI

UNIVERSITY AVE

DR

BRANDON

BRANDON

UNIVERSITY OF MISSOURI

UNIVERSITY AVE

DR

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DR

BRANDON

BRANDON

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

