

AD-A112 818

ARMY ENGINEER DISTRICT LOUISVILLE KY
LITTLE SOUTH FORK WILD RIVER ENVIRONMENTAL INVENTORY. CUMMERLAN--ETC(11)
1982 W E KREISLE

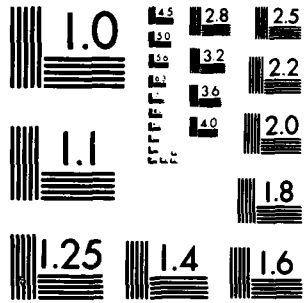
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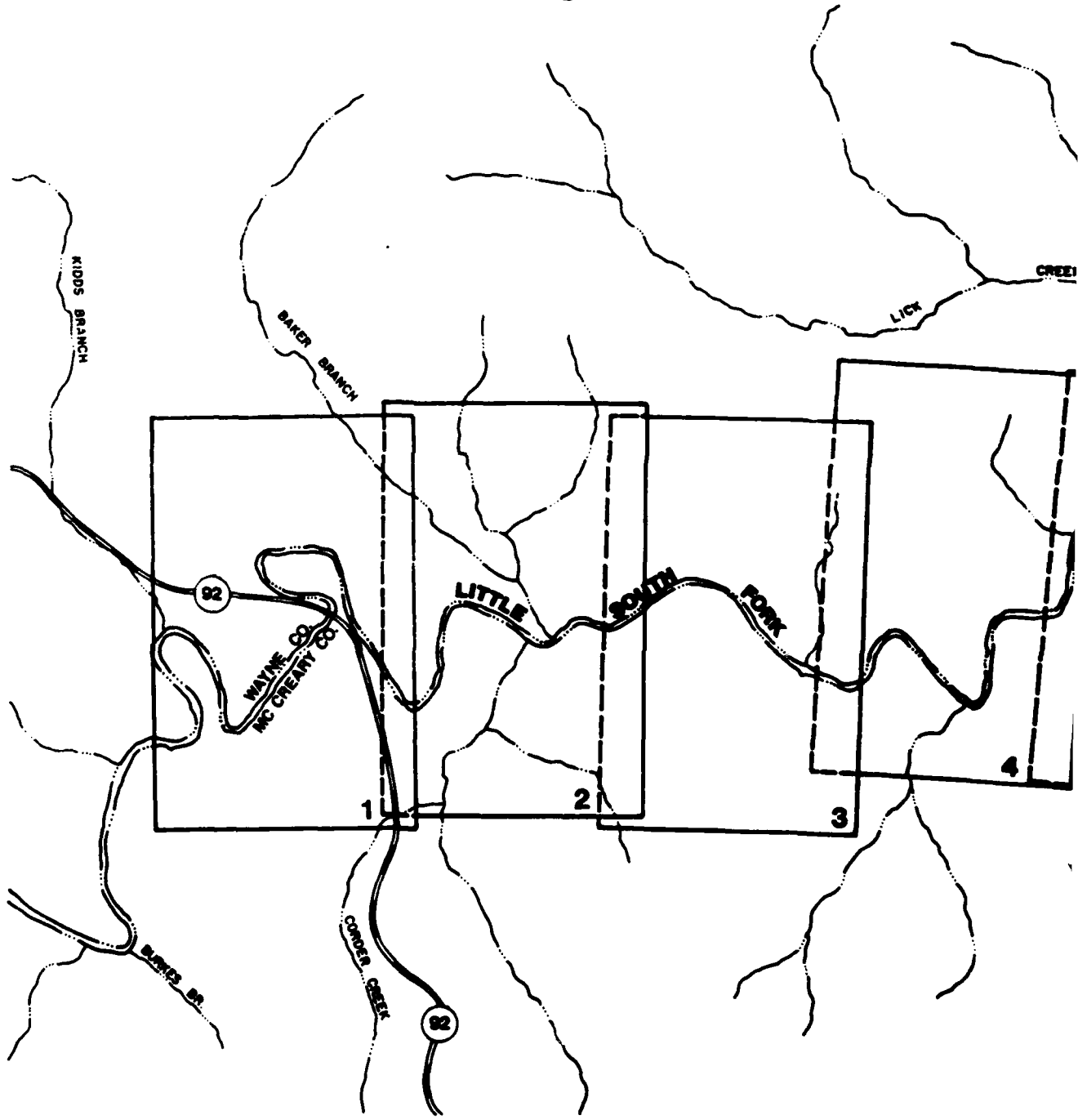


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

Little South Fork Wild River Environmental Inventory

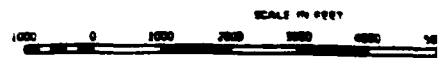
Map Folio Sets A Through E

ADA 112018

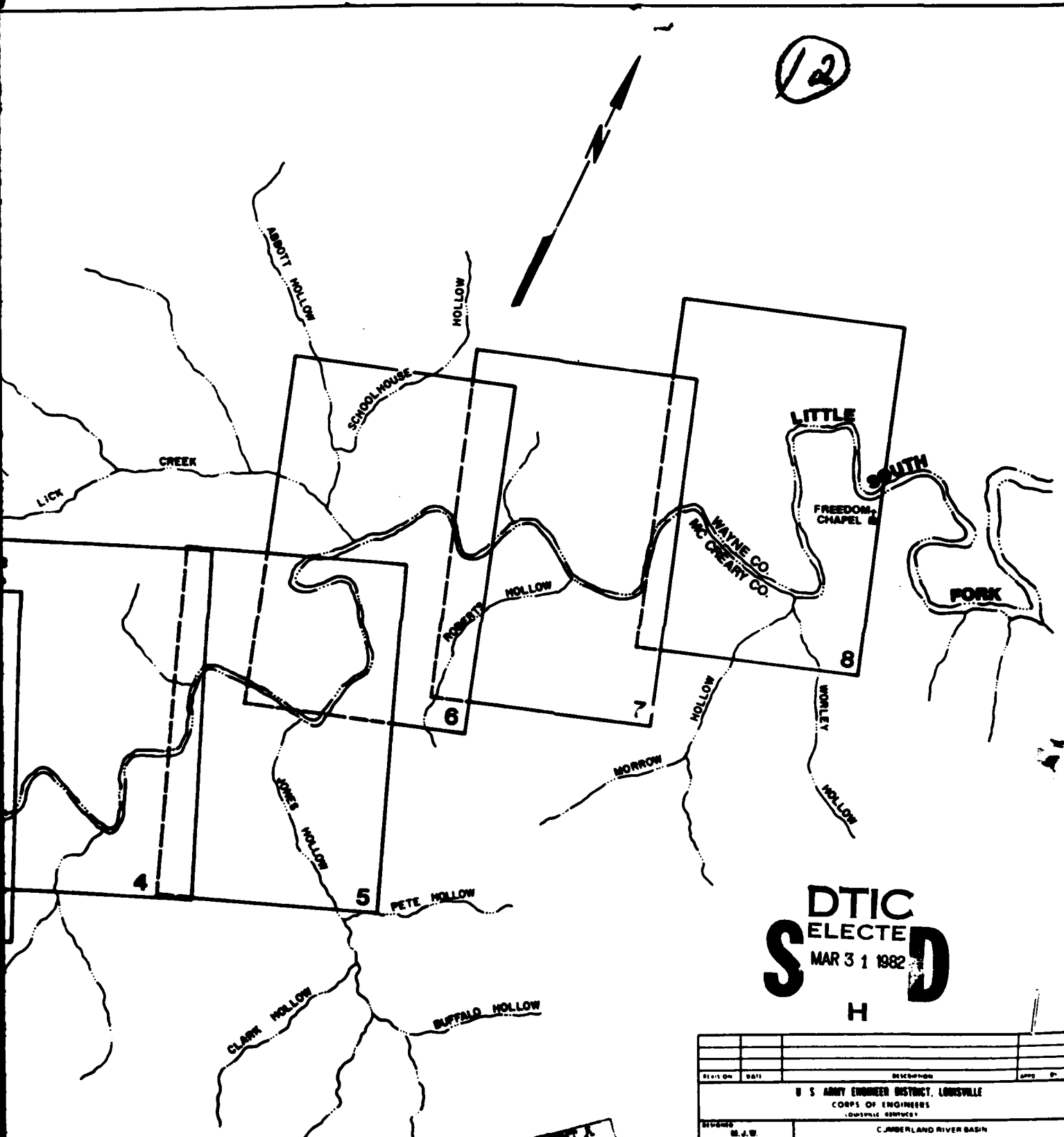


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INDEX SHEET



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INDEX SHEET

SCALE IN FEET



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REVISED	DATE	DESCRIPTION	APP'D BY
U S ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE DISTRICT			
DESIGNED	BY	CUMBERLAND RIVER BASIN	
DRAWN	BY	LITTLE SOUTH FORK CUMBERLAND RIVER	
CHECKED	BY	MILE 15.4 TO 4.0 MILE	
APPROVED	BY	WAYNE & MCCREARY COUNTIES KENTUCKY	
DRAWN BY		DRAWING NUMBER	

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Legend Sl

MAP SET A, OWNERSHIP AND ACCESS

(18) - Corps of Engineers
Landholdings

(2) - Private Landholdings,
keyed to Table 1 of text

--- County Line

— Property Line

..... Trail

--- Unimproved Road

== Improved Road

MAP SET B, SOILS

CaC - Caneyville silt loam,
very rocky, 6 to 12 percent slopes

CaD - Caneyville silt loam,
very rocky, 12 to 20 percent slopes

CoD - Colbert silty clay loam,
6 to 20 percent slopes

DeC - Dekalb sandy loam,
6 to 12 percent slopes

DrD - Dekalb and Ramsey sandy loams,
12 to 20 percent slopes

FdC - Frederick silt loam,
6 to 12 percent slopes

Gr - Grigsby loam

Hu - Huntington silt loam,
0 to 4 percent slopes

MeC - Muse silt loam,
6 to 12 percent slopes

MeD - Muse silt loam,
12 to 20 percent slopes

MpE - Muse-Trappist silt loams,
20 to 30 percent slopes

MpF - Muse-Trappist silt loams,
30 to 50 percent slopes

No - Nolin silt loam,
0 to 2 percent slopes

RmF - Rigley-Shelocta-Muse Complex,
20 to 60 percent slopes

Rt - Rock Land-Talbot Complex

RuE - Rock Land-Caneyville Complex

SoF - Shelocta-Muse-Cutshin Complex,
20 to 60 percent slopes

St - Strip Mines

TaC - Talbott rocky silt loam,
6 to 12 percent slopes

TaD - Talbott rocky silt loam,
12 to 20 percent slopes

TbD3 - Talbott very rock silty clay,
12 to 20 percent slopes,
severely eroded

TeB - Tate fine sandy loam,
0 to 6 percent slopes

TaE - Tate-Trappist stony
25 to 45 percent

TaE - Tate, Shelocta and
12 to 35 percent

WnC - Wellston silt loam
6 to 12 percent s

MAP SET C, GEOLOGY

Lee Formation

TPy - Rockcastle Sandstone
Conglomerate M

Breathitt Formation

Pb - Shale, siltstone, sandstone

Pennington Formation

Mp - City shale, limestone
sandstone and siltstone

Bangor Limestone and H

Mbha - Limestone, shale and sandstone

Monteagle Limestone

Mmk - Kidder Limestone M
Mmq - Ste Genevieve Limestone

MAP SET D, LAND

Natural Habitats

- Forest and Woodland

- Approximate boundary of markedly different habitats within the forested area

AW - Alluvial Woodlands

CL - Cliff Habitat

DM - Deciduous-Mixed Mesophytic Forest

OH - Oak-Hickory Forest

OP - Oak-Pine Forest

PO - Pine-Oak Forest

P - Pine Forest

RC - Redcedar Woodland

RH - Redcedar-Hardwood

RP - Redcedar-Pine-Hardwood

Legend Sheet

- TnF - Tate Tract (Tate) complex, 25 to 40 percent slopes
- ToE - Tate, Shale and Muse stony soils, 12 to 35 percent slopes
- WeC - Wellstone (Tate) 6 to 12 percent slopes

MAP SET C, GEOLOGY

Lee Formation

- TPlr - Rockcastle Sandstone Conglomerate Member

Breathitt Formation

- Pb - Shale, siltstone, sandstone and coal

Pennington Formation

- Mp - City shale, siltstone, sandstone and siltstone

Bangor Limestone and Hartselle Formation

- Mbha - Limestone, shale and sandstone

Monteagle Limestone

- Mmk - Kidders Limestone Member
- Mmg - Stearns Limestone Member

MAP SET D, LAND COVER

Natural Habitats




Forest and Woodland Habitat
 Approximate boundary between stands of markedly different species composition within the forested area.

- AW - Alluvial Woodlands
- CL - Cliff Habitat
- DM - Deciduous Mixed Mesophytic Forest
- OH - Oak Hickory Forest
- OP - Oak Pine Forest
- PO - Pine Oak Forest
- P - Pine Forest
- RC - Red Cedar Woodland
- RH - Regular Hardwoods
- RP - Regular Pine Hardwoods

Man-Related Features

- A - Agricultural Land: (Cropland, Pasture and Old Fields)
- ROW - Right-of-Way Habitat (Road, Electric, Telephone, Underground Pipeline)
- SM - Surface Mine (Coal)
- Pnd - Pond (Livestock Watering)
- Cem - Cemetery
- Ch - Church
- R - Residence
- S - Structure: (Barn, Shed, Outbuilding)
- C - Commercial Building: (General Store)
- U - U.S. Post Office

MAP SET E, SPECIAL FEATURES

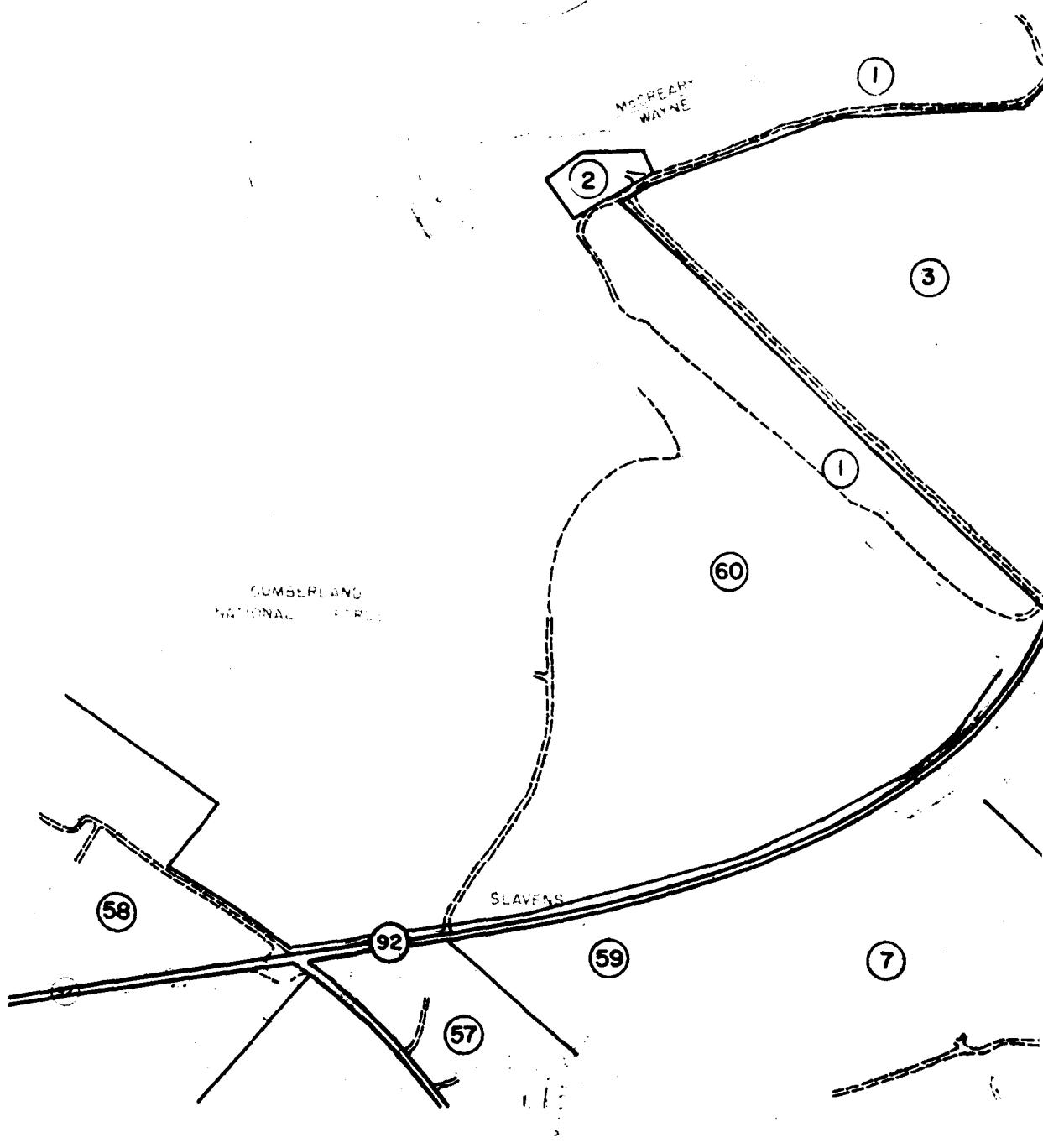
-  Point Feature
-  Scenic View
-  Terrestrial Habitat
- E - Educational Outcrops
- F - Fossils
- G - Geologic Feature
- W - Waterfalls
- R - Rapids
- S - Scenic Views
- P - Plants
- A - Animals
- T - Trees
- RB - River Bank Habitat
- AW - Alluvial Woods Habitat
- SF - Slope Forest Habitat
- CL - Cliff Habitat
- BR - Bluff/Ridge Habitat
- B - Footbridges
- D - Silt Retention Dam

NOTE: Special features are fully described in Section IV, Table 27 of the Inventory Report.



Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification:	<i>base base</i>
By	
Distribution/	
Availability Codes	
Avail and/or	
Dist	Special
A	23
9	

2



1

The contour interval is 10 feet. The spot heights are in feet above sea level. The horizontal scale is 1 inch = 1 mile. The vertical scale is 1 inch = 100 feet. The map is based on the 1950 edition of the 1:50,000 scale topographic map of the area. The map is not to be used for navigation purposes.



SCALE IN FEET

CONTOUR INTERVAL: 10 FEET
VERTICAL SUPPLEMENTARY CONTOURING AT 2.5 FOOT INTERVALS
MEAN SEA LEVEL DATUM 1929 GENERAL ADJUSTMENT
ONE THOUSAND FOOT GRID BARS ON EAST AND WEST PLANS
COORDINATE SYSTEM: NAD 83



FEET
 0 10 20 30 40 50 60 70 80 90 100
 GENERAL EQUIPMENT
 TO BE KEPT IN PLACE
 SOUTH SIDE

Topographic Provided By:



MILLICAN ASSOCIATES
 Landscape Architects & Planners
 Louisville Ky

2

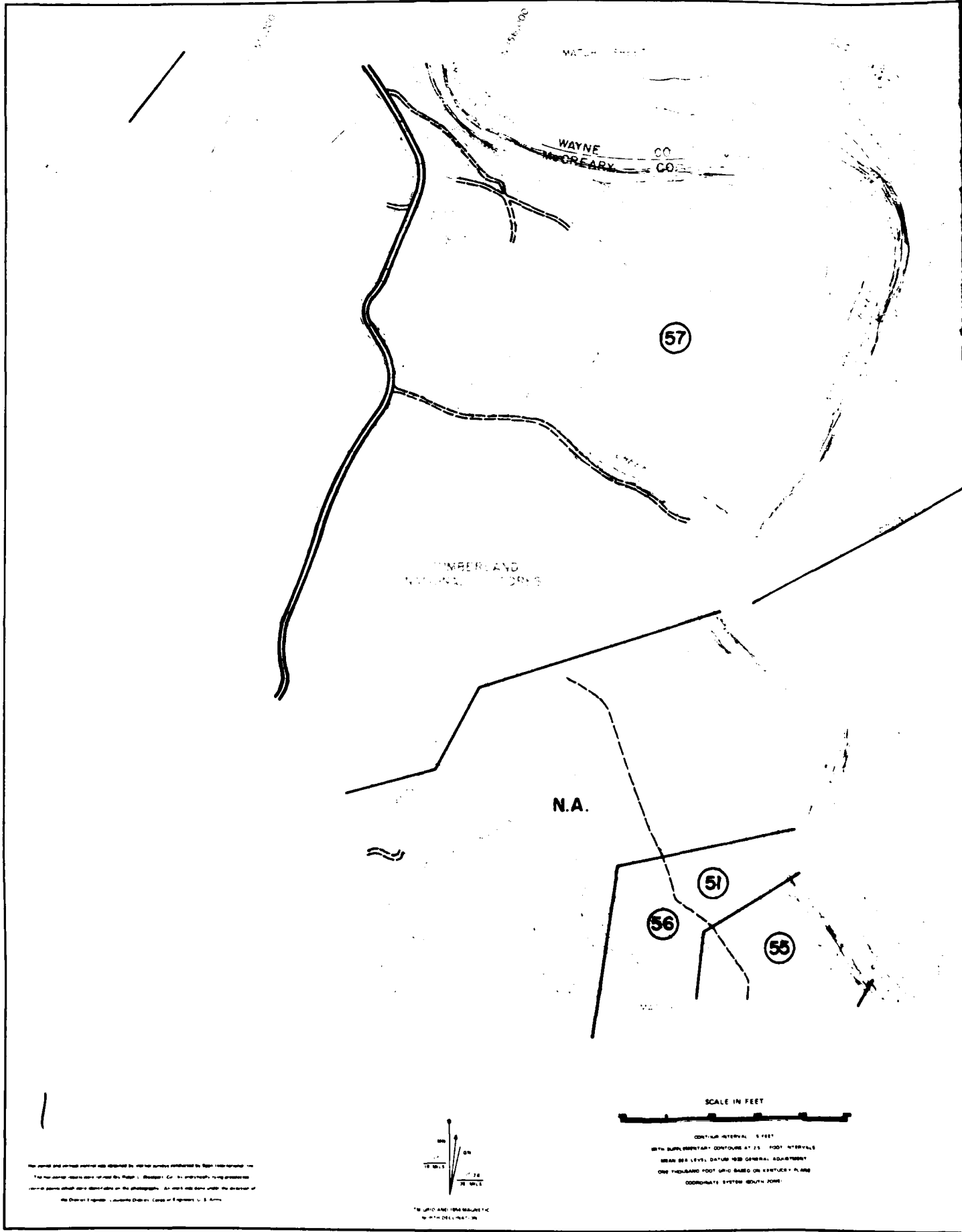


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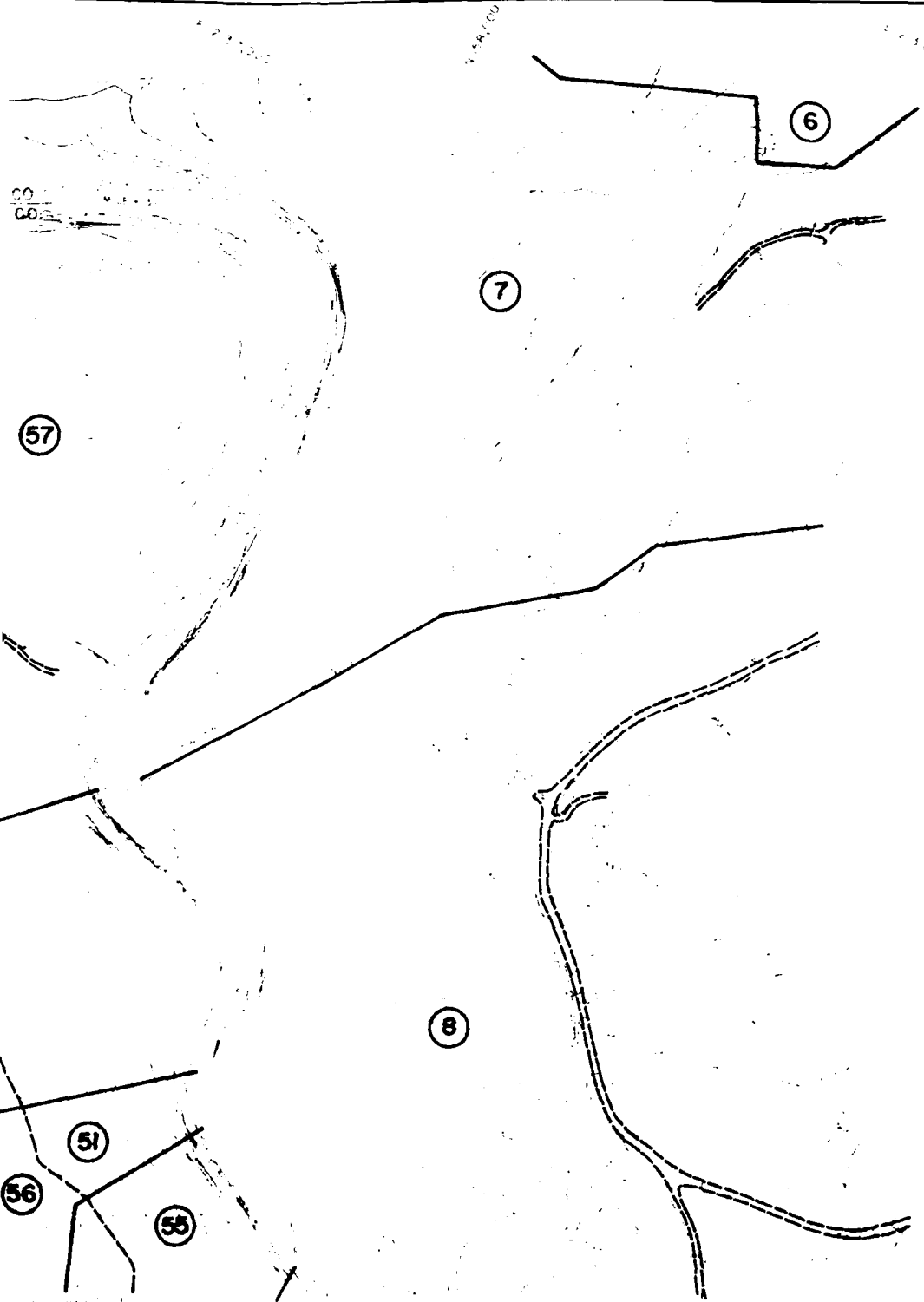
REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LANSING, MISSISSIPPI				
DESIGNED	J.L.C.	CUMBERLAND RIVER BASIN		
DRAWN	M.J.W.	LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED	J.L.C.	MILE 15.4 TO 13.3 MILE		
PROJECTED		WAYNE & MCCREARY COUNTIES, KENTUCKY		
SCALE	DATE		DRAWING NUMBER	



The plan and vertical control was obtained by the methods authorized by the Department of the Army. The horizontal control was obtained by the method of triangulation. The vertical control was obtained by the method of leveling. All work was done under the direction of the Chief Engineer, Louisville District, Corps of Engineers, U. S. Army.

12° 14' 10" EAST
MAGNETIC
DECLINATION

SCALE IN FEET
CONTOUR INTERVAL 5 FEET
WITH SUPPLEMENTARY CONTOURS AT 2.5 FOOT INTERVALS
MEAN SEA LEVEL DATUM 1985 GENERAL ADJUSTMENT
ONE THOUSAND FOOT GRID BASED ON BENTLEY PLANE
COORDINATE SYSTEM (NAD 83)



CO
CO

57

7

6

8

51

55

56

SCALE IN FEET

CONTOUR INTERVAL: 5 FEET

WITH SUPPLEMENTARY CONTOURS AT 2.5 FOOT INTERVALS
NEAR SEA LEVEL. DATUM: 1985 GENERAL ADJUSTMENT
ONE THOUSAND FOOT GRID BASED ON KENTUCKY PLANE
COORDINATE SYSTEM (NORTH ZONE)

Local Owners: Peppers, R.



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Landscape Architects & Planners
Louisville, Ky.



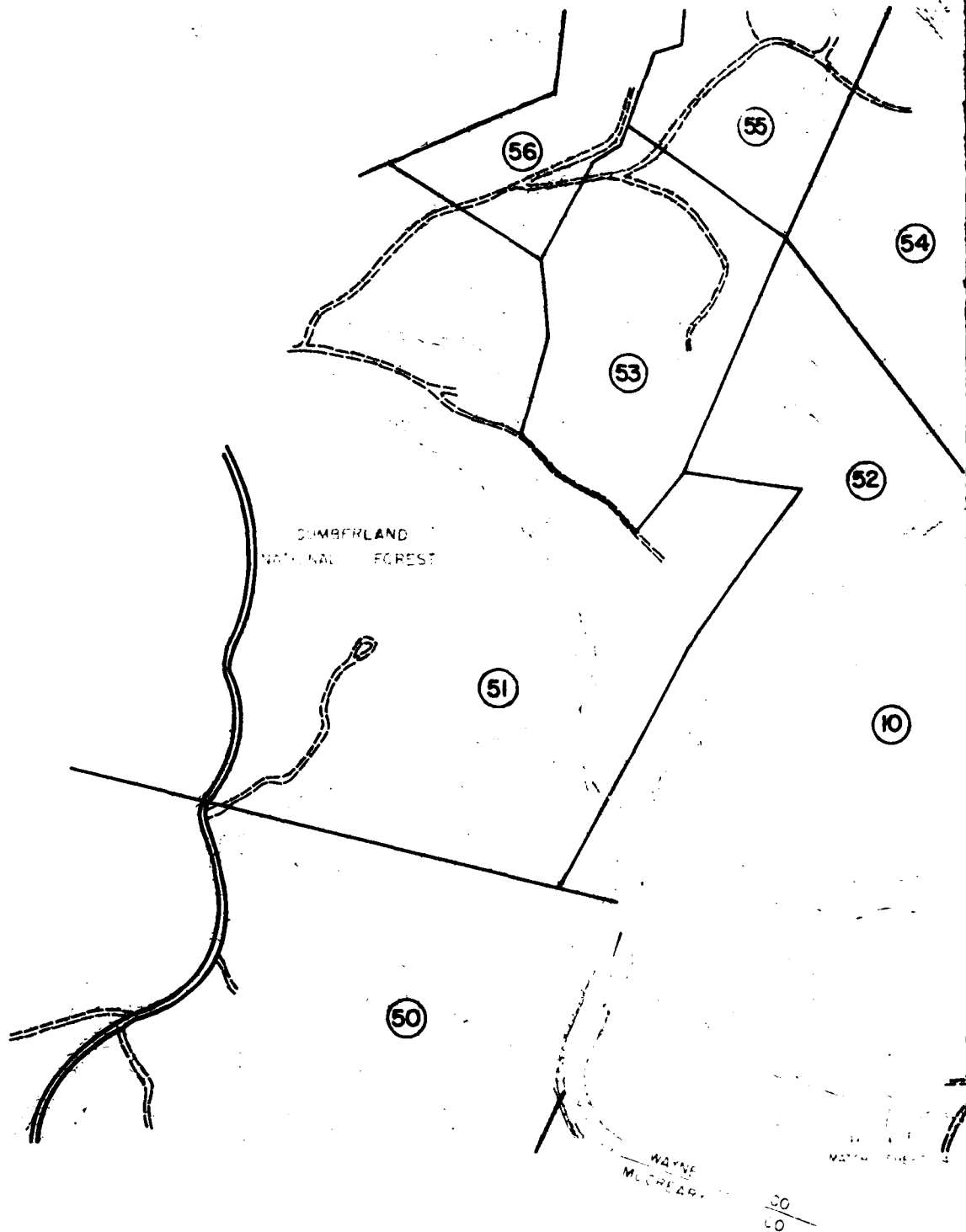
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Landscape Architects, Engineers, Planners
Louisville, Nashville, Washington



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Wilmington, N.C.

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REVISION	DATE	DESCRIPTION	BY	APP
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS MIDWEST DISTRICT				
DRAWN: M. J. W.		CUMBERLAND RIVER BASIN		
CHECKED: J. L. C.		LITTLE SOUTH FORK CUMBERLAND RIVER		
SUBMITTED:		MILE 13.3 TO 12.1 MILE		
SCALE:		WAYNE & MCCREARY COUNTIES, KENTUCKY		
DATE:		DRAWING NUMBER:		



1

The contour and vertical control was obtained by a field survey conducted by the Corps of Engineers. The horizontal control was obtained by Robert A. W. Jones, Co. 1 by aneroid, being checked by vertical control which were identified on the photography. An exact map scale under the direction of the District Engineer, Louisville District, Corps of Engineers, U. S. Army.

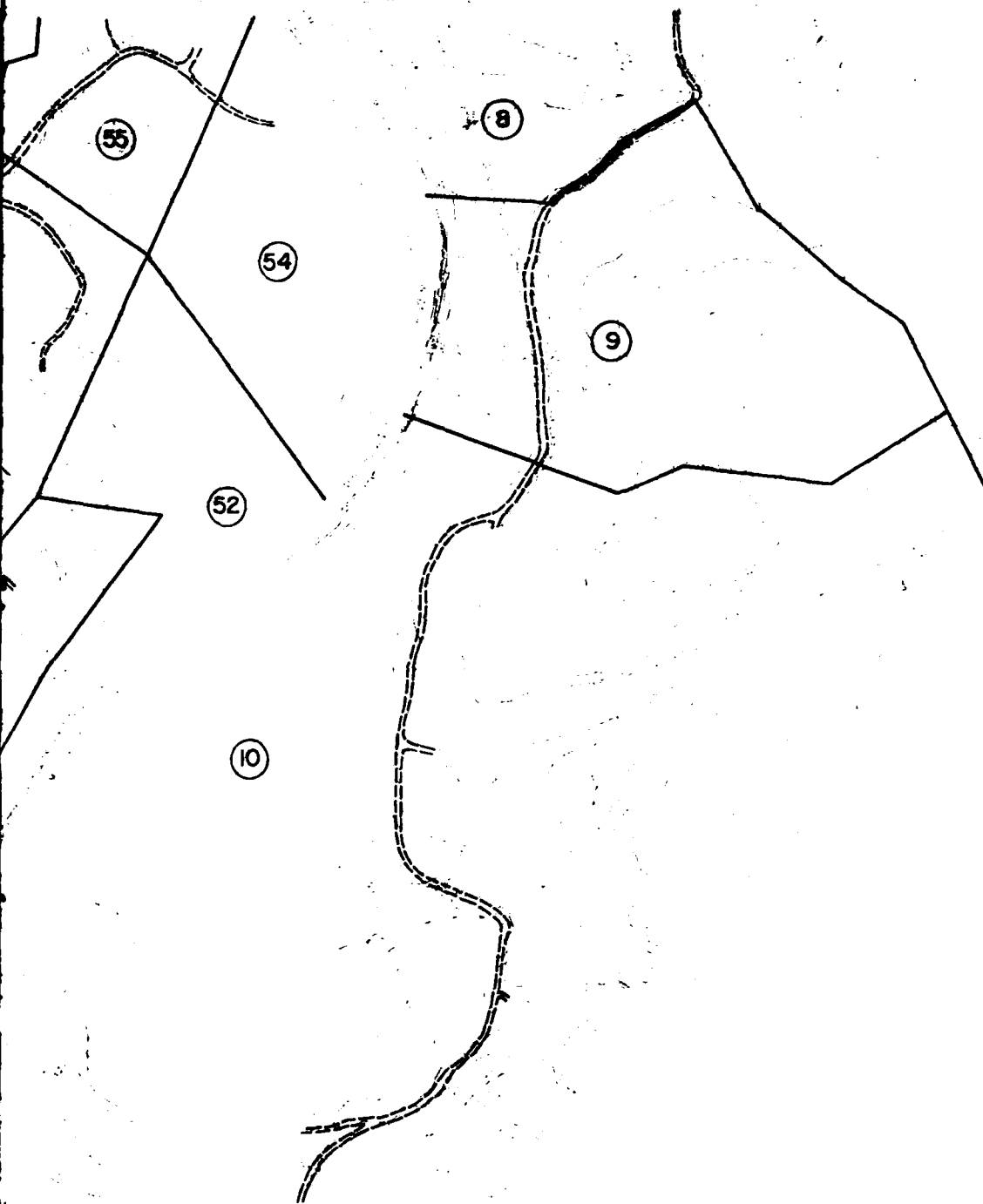


17° 30' NORTH DECLINATION



SCALE IN FEET

CONTOUR INTERVAL: 5 FEET
 WITH SUPPLEMENTARY CONTOURS AT 2.5 FOOT INTERVALS
 MEAN SEA LEVEL DATUM: 1929 GENERAL ADJUSTMENT
 ONE THOUSAND FOOT GRID BASED ON CENTURY 1 PLANE
 COORDINATE 1 17° 30' SOUTH ZONE



WAYNE
HEARY

SCALE IN FEET

INTERVAL 5 FEET

BOUNDARY AT 20 FOOT INTERVALS

NO GENERAL ADJUSTMENT

NO BASE ON HORIZONTAL PLANE

SYSTEM SOUTH ZONE

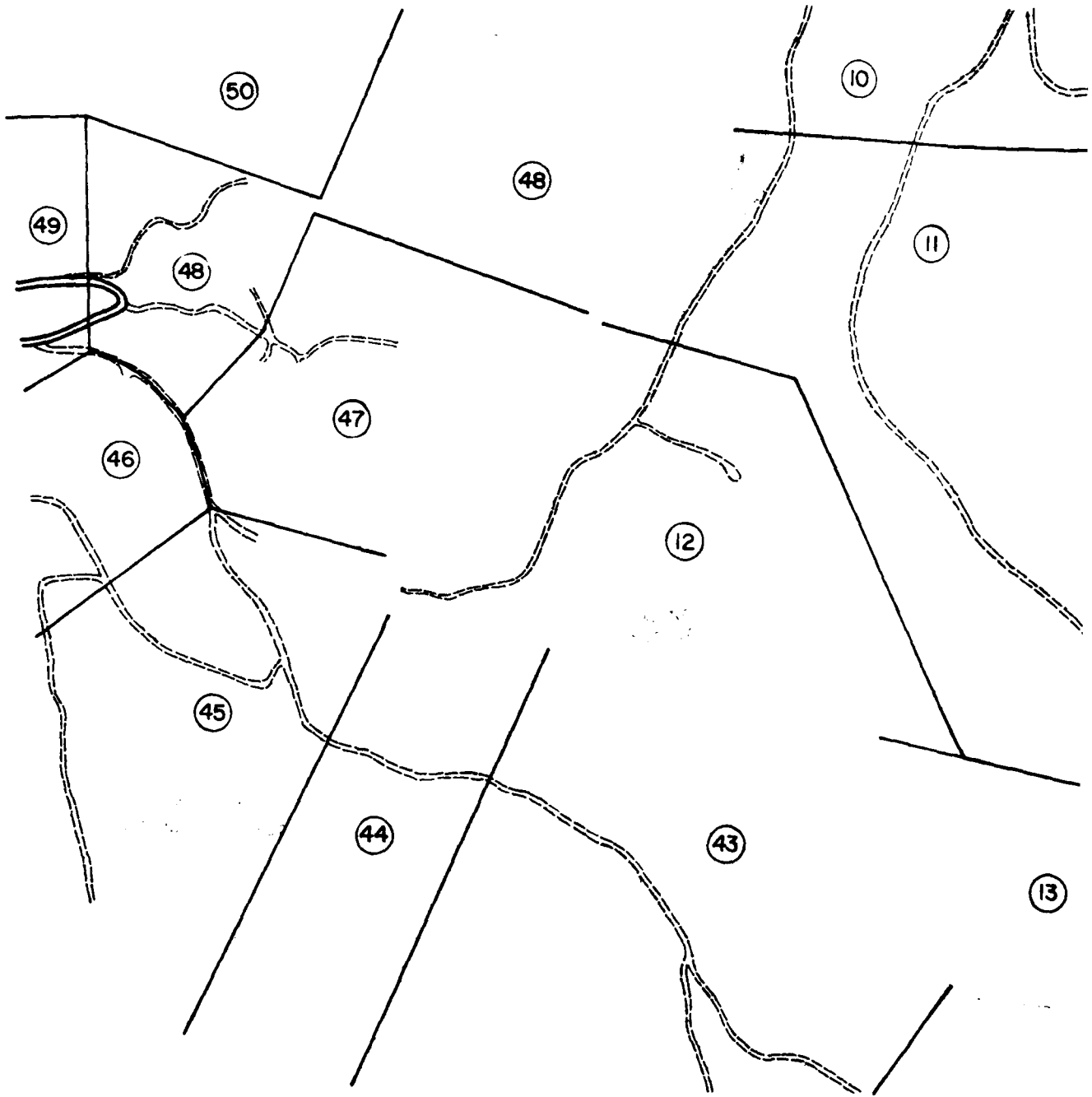
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Louisville, Ky

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Louisville, Nashville, Washington

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OCEAN DATA SYSTEMS, INC.
Wilmington, N.C.

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CLONE OF SUBSYSTEM MULTIVIEW, GEOMETRY				
DESIGNER: J L C		CUMBERLAND RIVER BASIN		
DRAWN: M J W		LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED: J L C		MILE 12.1 TO 11.2 MILE		
SCALE:		WAYNE & MCCREARY COUNTIES, KENTUCKY		
DATE:		DRAWING NUMBER:		



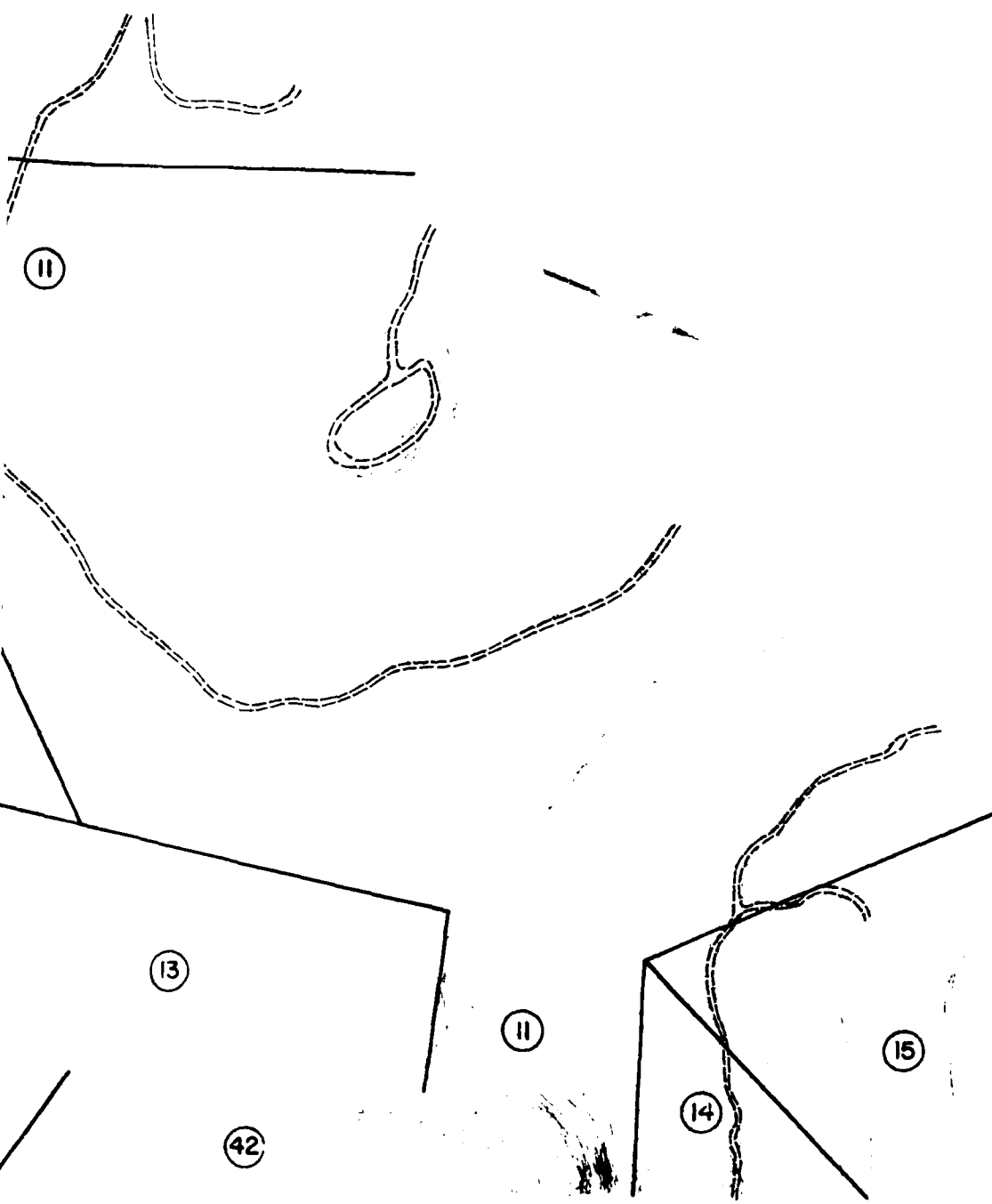
1

1. This drawing is a plan view of the proposed project. It is not to scale. The location of the project is shown in the vicinity of the intersection of the main canal and the branch canal. The project is located in the area of the main canal, between the main canal and the branch canal. The project is located in the area of the main canal, between the main canal and the branch canal. The project is located in the area of the main canal, between the main canal and the branch canal.



SCALE IN FEET

UNITED STATES OF AMERICA
DEPARTMENT OF THE ARMY
ENGINEERING DISTRICT OF WASHINGTON
WASHINGTON, D. C. 20315



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Landscape Architects & Planners
Louisville Ky



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Landscape Architects Engineers Planners
Louisville Nashville Washington



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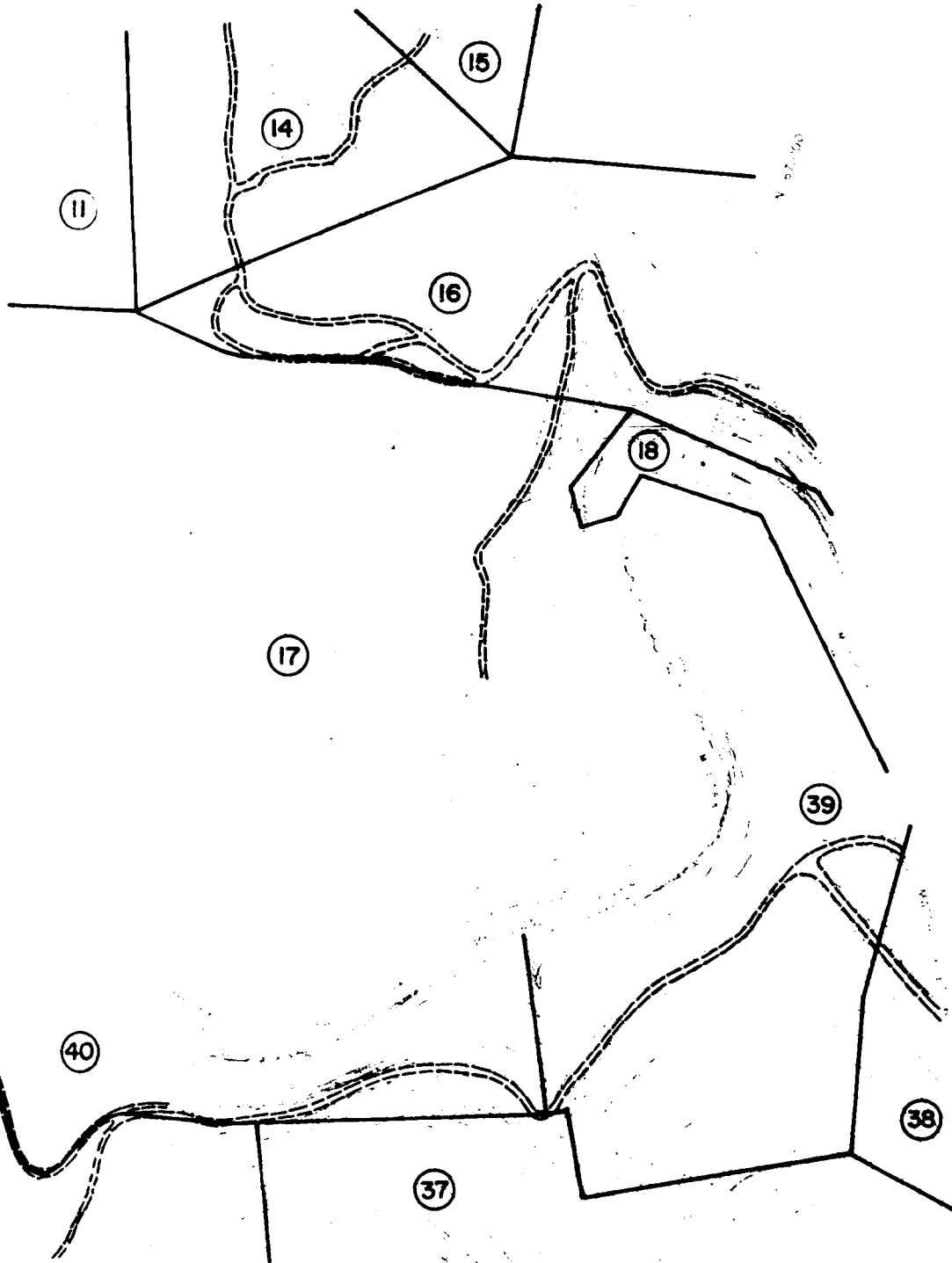
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REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED:	J. L. C.	CUMBERLAND RIVER BASIN		
DRAWN:	M. J. W.	LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED:	J. L. C.	MILE 11.2 TO 9.7 MILE		
SUBMITTED:		WAYNE & MCCREARY COUNTIES, KENTUCKY		
SCALE:		DATE:	DRAWING NUMBER:	



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THE OFFICIAL ENGINEER'S DRAWING
 OF THE PROJECT



Topical Owners Proposed By:



MILICAN ASSOCIATES
Landscape Architects & Planners
Louisville, Ky.



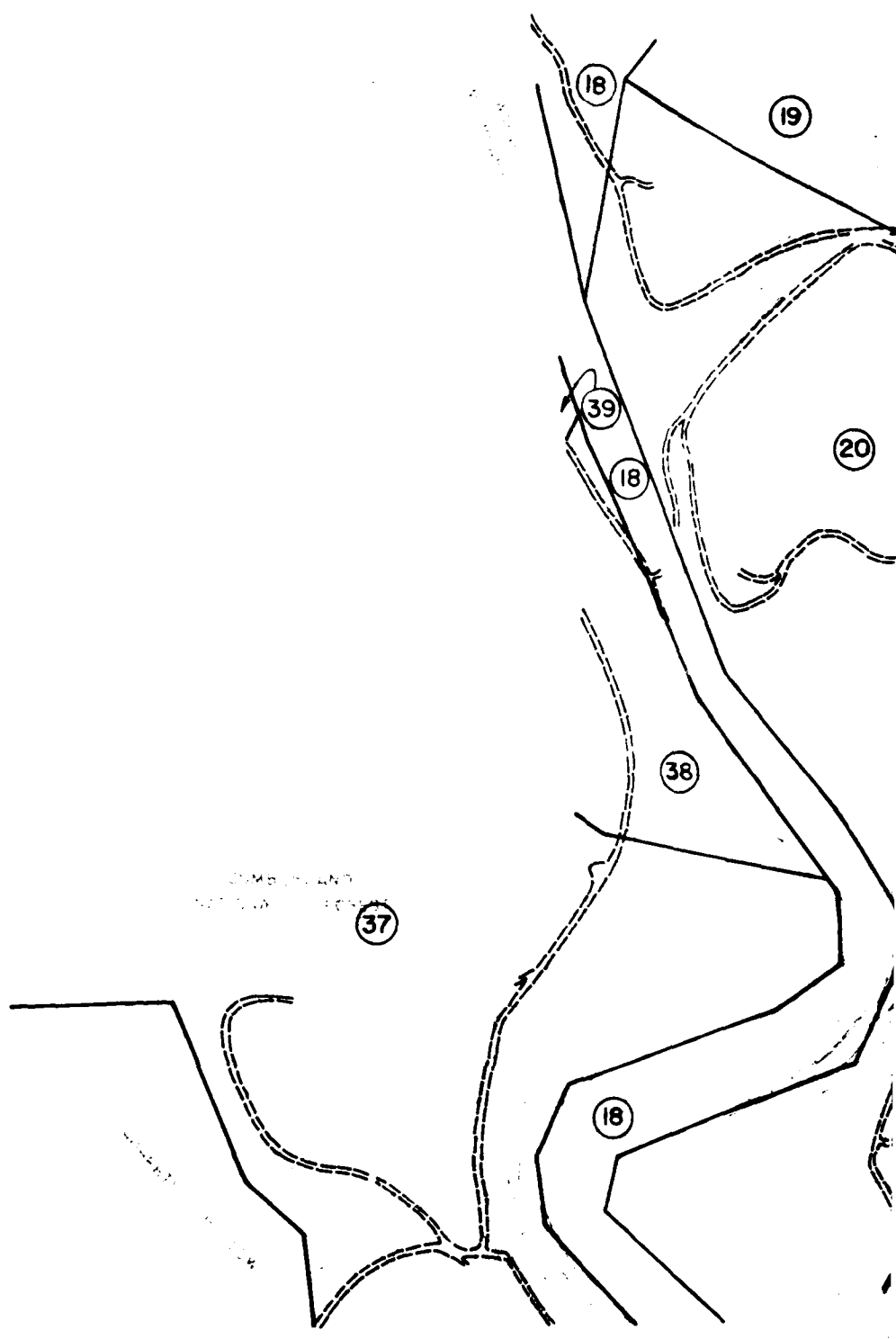
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Louisville, Nashville, Washington



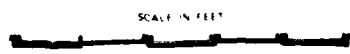
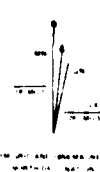
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OCEAN DATA SYSTEMS INC
Wilmington, N.C.

2

REVISION	DATE	DESCRIPTION	BY	APP'D.
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED:	J. L. C.	CUMBERLAND RIVER BASIN LITTLE SOUTH FORK CUMBERLAND RIVER MILE 97 TO 80 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY		
DRAWN:	M. J. W.			
CHECKED:	J. L. C.			
APPROVED:				
SCALE:		DATE:	DRAWING NUMBER:	

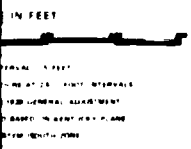
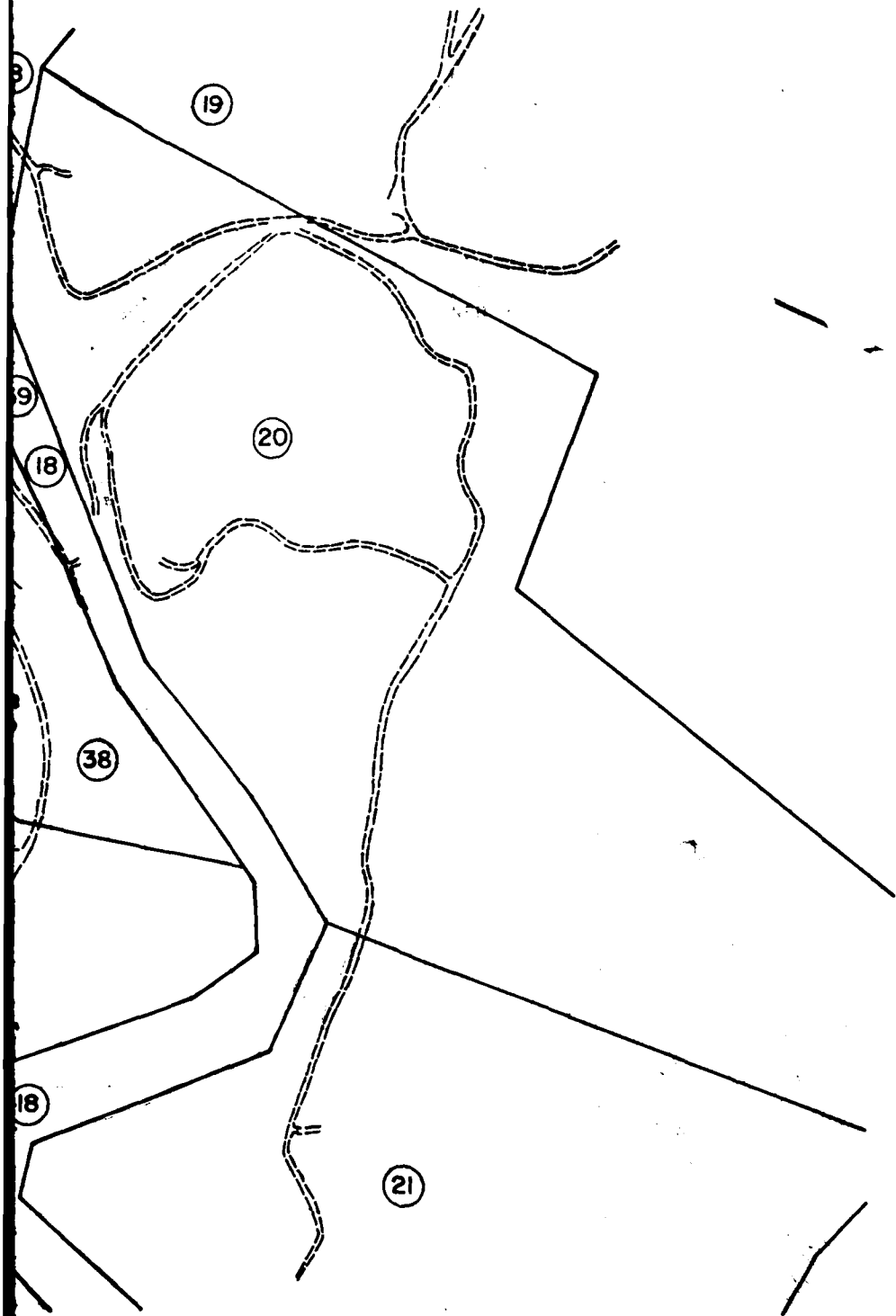


This map was prepared from data furnished by the Corps of Engineers, U.S. Army, and is not to be used for any other purpose without the express permission of the Chief of Engineers, U.S. Army.



HORIZONTAL INTERVAL: 1:25,000
 WITH SUPPLEMENTARY VERTICAL INTERVALS
 VERTICAL INTERVAL: 1:10,000
 ONE THOUSAND FEET OF BARS IN HORIZONTAL PLANE
 REPRESENTS SIXTY FEET

THE UNITED STATES GOVERNMENT
 PRINTING OFFICE: 1957



2



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Louisville Ky

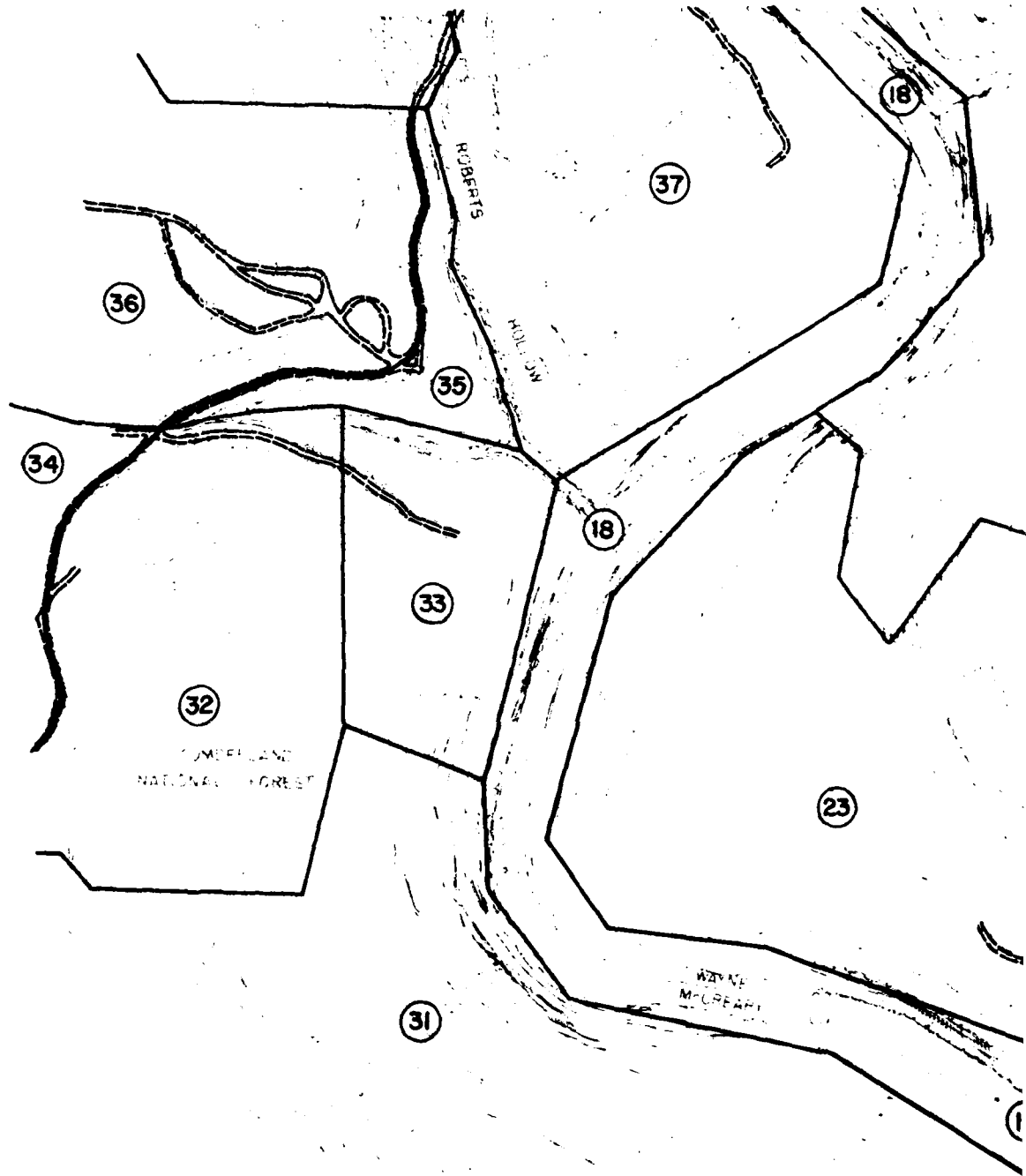


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Landscape Architects, Engineers, Planners
Louisville Nashville Washington



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Wilmington N.C.

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
CUMBERLAND RIVER BASIN LITTLE SOUTH FORK CUMBERLAND RIVER MILE 60 TO 72 MILE WAYNE & MCCREARY COUNTIES KENTUCKY				
DESIGNED:	J. L. C.	PLANNED:		
DRAWN:	M. J. W.	CHECKED:		
DATE:	J. L. C.	DATE:		
SCALE:		DATE:		
			DRAWING NUMBER	



The contour interval is 10 feet. The map is based on the photogrammetric data of the U.S. Army Corps of Engineers, U.S. Army.



CONTOUR INTERVAL: 10 FEET
WITH SUPPLEMENTARY CONTOURS AT 5 FOOT INTERVALS
MEAN SEA LEVEL DATUM: 1985 SPHERICAL ADJUSTMENT
ONE THOUSAND FOOT GRID BASED ON 1983 U.S. NAD
COORDINATE SYSTEM: SP94-10-2000



Topic Owners Prepared By
MILICAN ASSOCIATES
 Landscape Architects & Planners
 Louisville, Ky



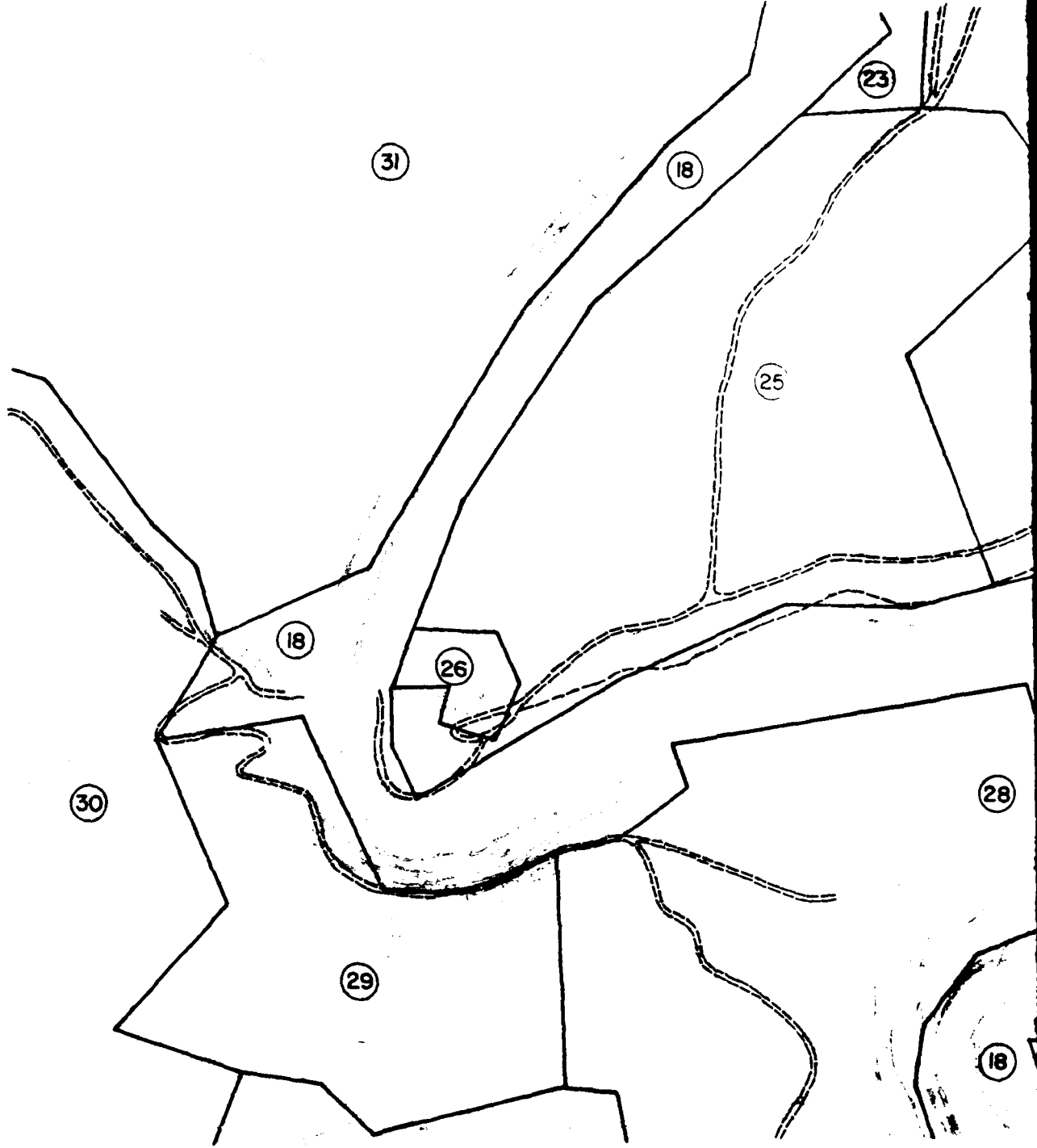
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2

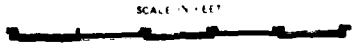
REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE DISTRICT				
DESIGNED: J. L. C.		CUMBERLAND RIVER BASIN		
DRAWN: M. J. W.		LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED: J. L. C.		MILE 7.2 TO 6.0 MILE		
SCALE:		WAYNE & MCCREARY COUNTIES, KENTUCKY		
DATE:		DRAWING NUMBER		



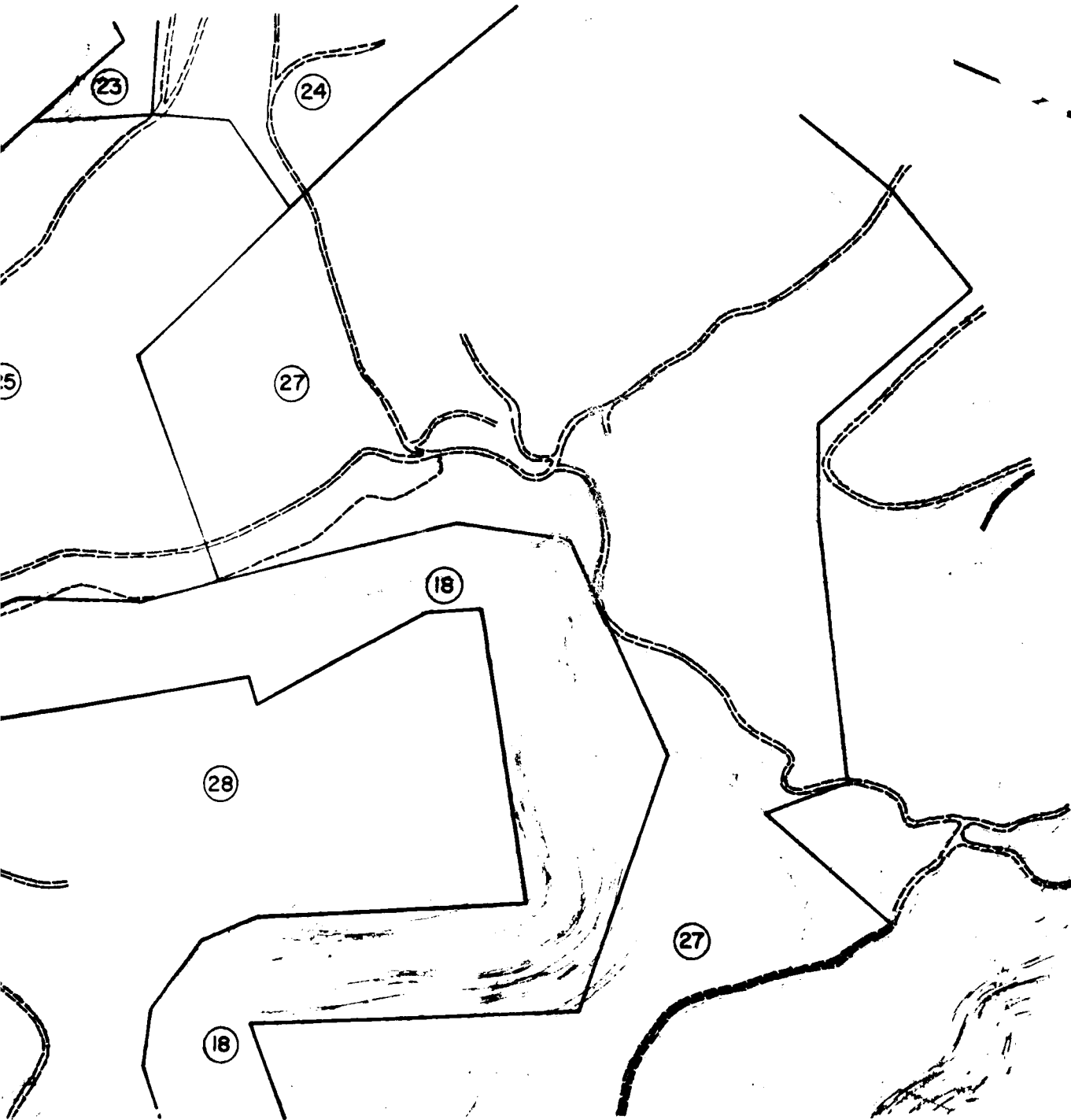
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UNITED STATES OF AMERICA
WITH SUPPLEMENTARY NOTES AND EXPLANATIONS
DEPARTMENT OF THE ARMY
WASHINGTON, D. C. 20315
CORPS OF ENGINEERS
CONTRACT NO. D-1000-1-1000



Map Design Prepared By
MILICAN ASSOCIATES
 Landscape Architects & Planners
 Louisville, Ky.



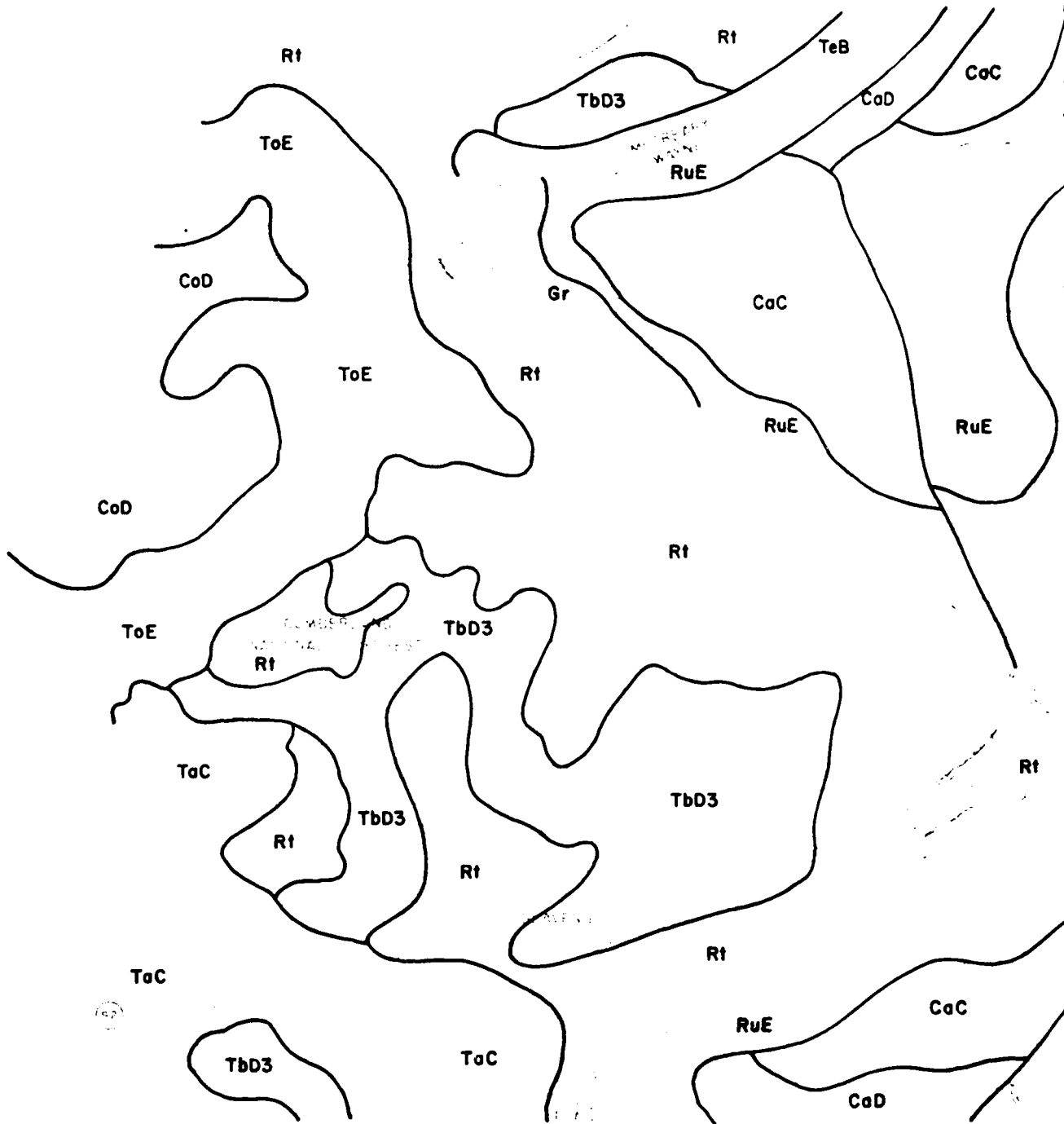
MILLER-WIHRY LEE INC.
 Landscape Architects, Engineers, Planners
 Louisville, Nashville, Washington



**COASTAL ZONE
 RESOURCES DIVISION**
 OCEAN DATA SYSTEMS, INC.
 Wilmington, N.C.

2

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED	J. L. C.	CUMBERLAND RIVER BASIN		
DRAWN	M. J. W.	TRACED	LITTLE SOUTH FORK CUMBERLAND RIVER	
CHECKED	J. L. C.	MILE 6.0 TO 4.0 MILE		
SUBMITTED		WAYNE & MCCREARY COUNTIES, KENTUCKY		
SCALE		DATE	DRAWING NUMBER	

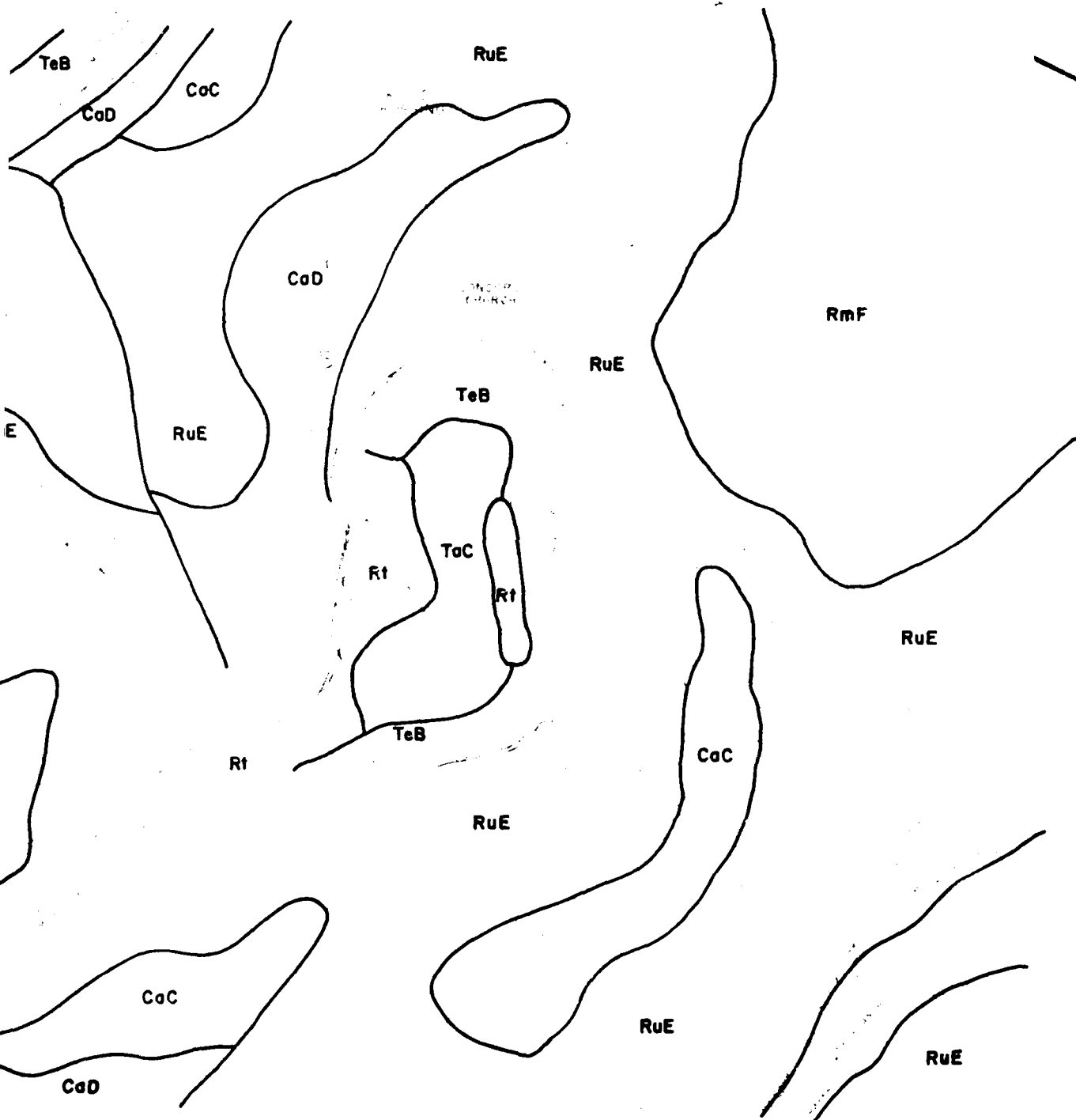


The contour and other data shown on this map were derived by the use of aerial photography and other data available to the Corps of Engineers. The horizontal scale shown on this map is based on the datum of the photograph. It does not necessarily correspond to the datum of the United States National Geodetic Survey. The vertical scale shown on this map is based on the datum of the United States National Geodetic Survey. The datum of the United States National Geodetic Survey is the mean spheroidal surface of the earth.



CONTOUR INTERVAL: 5 FEET
 WITH SUPPLEMENTARY INTERVALS OF 2 FEET
 MEAN SEA LEVEL: 1985 GEODETIC ADJUSTMENT
 ONE THOUSAND FEET = 1.00 HORIZONTAL PLANE
 COORDINATE SYSTEM: 8000 2000

THE UNITED STATES GOVERNMENT
 PRINTING OFFICE: 1985



IN FEET
 0 100 200
 1:25,000
 BASED ON KENTUCKY PLANS
 100 FEET TO AN INCH

2



Task Order Provided By
MILICAN ASSOCIATES
 Landscape Architects & Planners
 Louisville, Ky

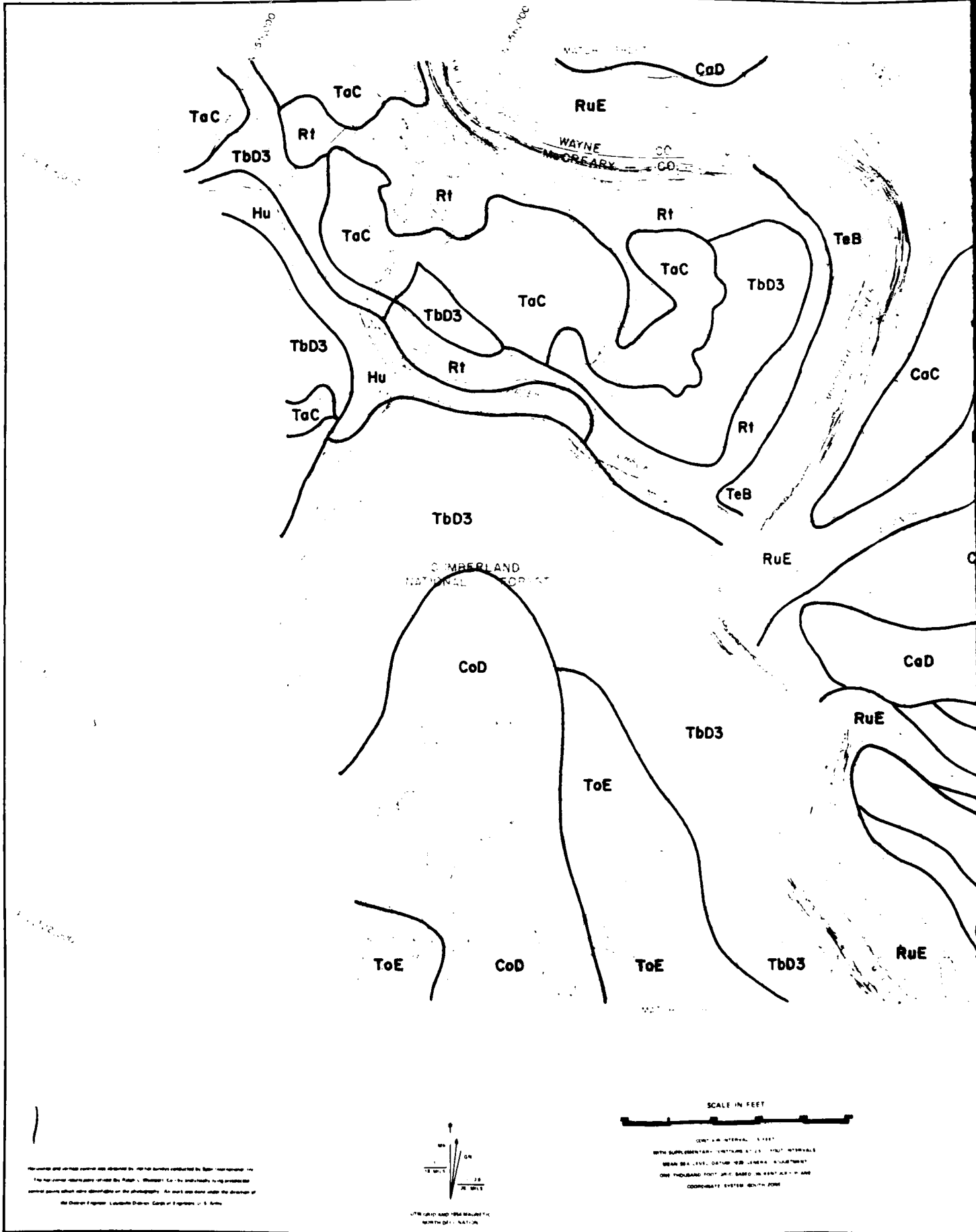


MILLER, WHIRY, LEE INC.
 Landscape Architects, Engineers, Planners
 Louisville, Nashville, Washington



COASTAL ZONE RESOURCES DIVISION
 OCEAN DATA SYSTEMS, INC.
 Wilmington, N.C.

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED: J. L. C.		CUMBERLAND RIVER BASIN		
DRAWN: M. J. W.		LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED: J. L. C.		MILE 15.4 TO 13.3 MILE		
SUBMITTED:		WAYNE & MCCREARY COUNTIES, KENTUCKY		
SCALE:	DATE:		DRAWING NUMBER:	



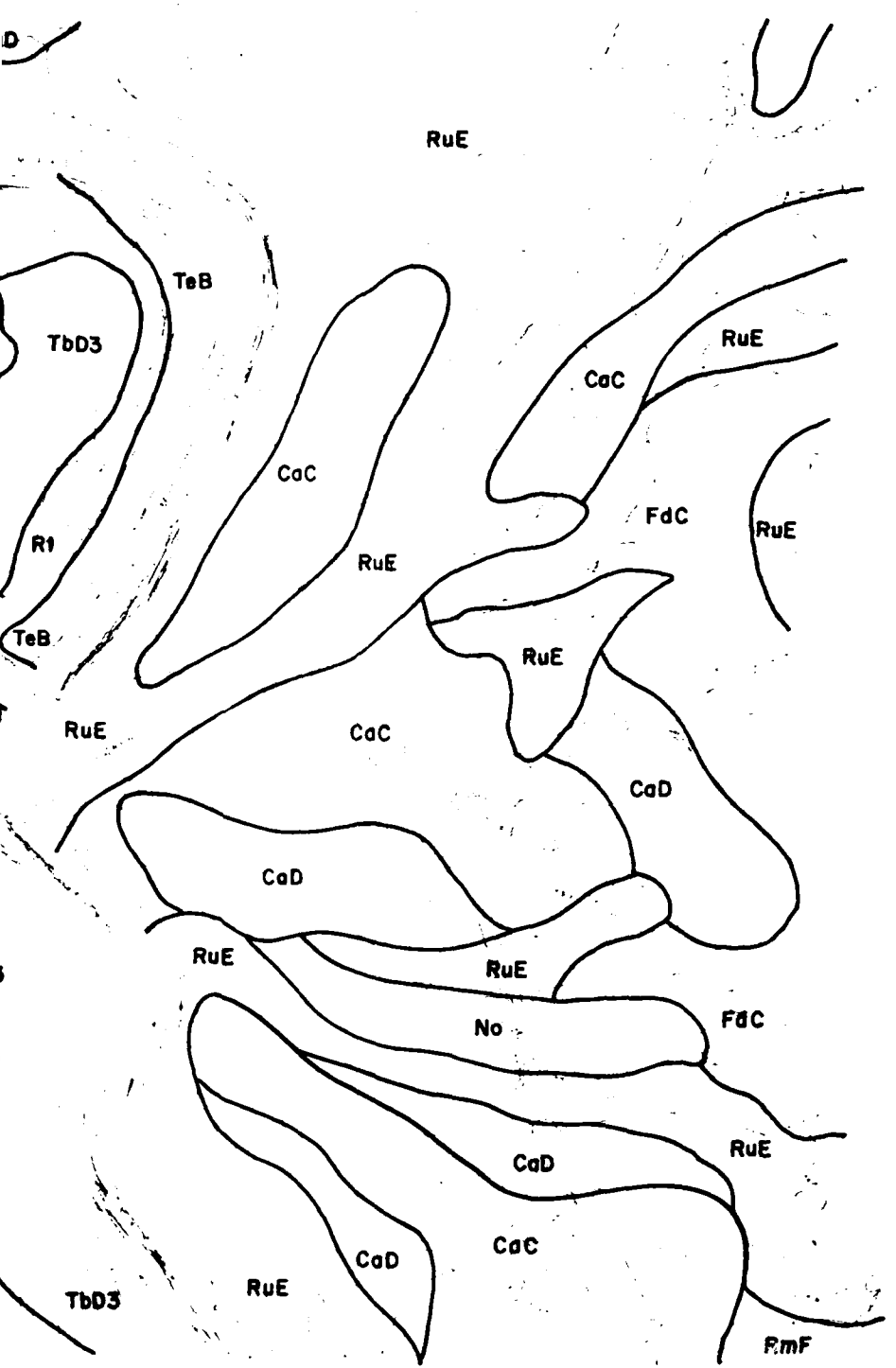
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UTM GRID AND PSEUDO-METRIC NORTH OF U.S. NAVY

SCALE IN FEET

1 CM. = 100 FEET
 WITH SUPPLEMENTARY DIVISIONS AT 10 FEET INTERVALS
 MEAN SEA LEVEL DATUM FOR GENERAL QUANTITIES
 ONE THOUSAND FOOT GRID BASED ON CENTRAL MERIDIAN
 COORDINATE SYSTEM NORTH POINT



SCALE IN FEET
 0 100 200 300 400 500
 INTERVAL: 5 FEET
 DISTANCE AT 25 FOOT INTERVALS
 USE FOR GENERAL ORIENTATION
 THIS MAP IS BASED ON THE 1984 PLAN
 SYSTEM (NAD 83)

2



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 Louisville, Ky

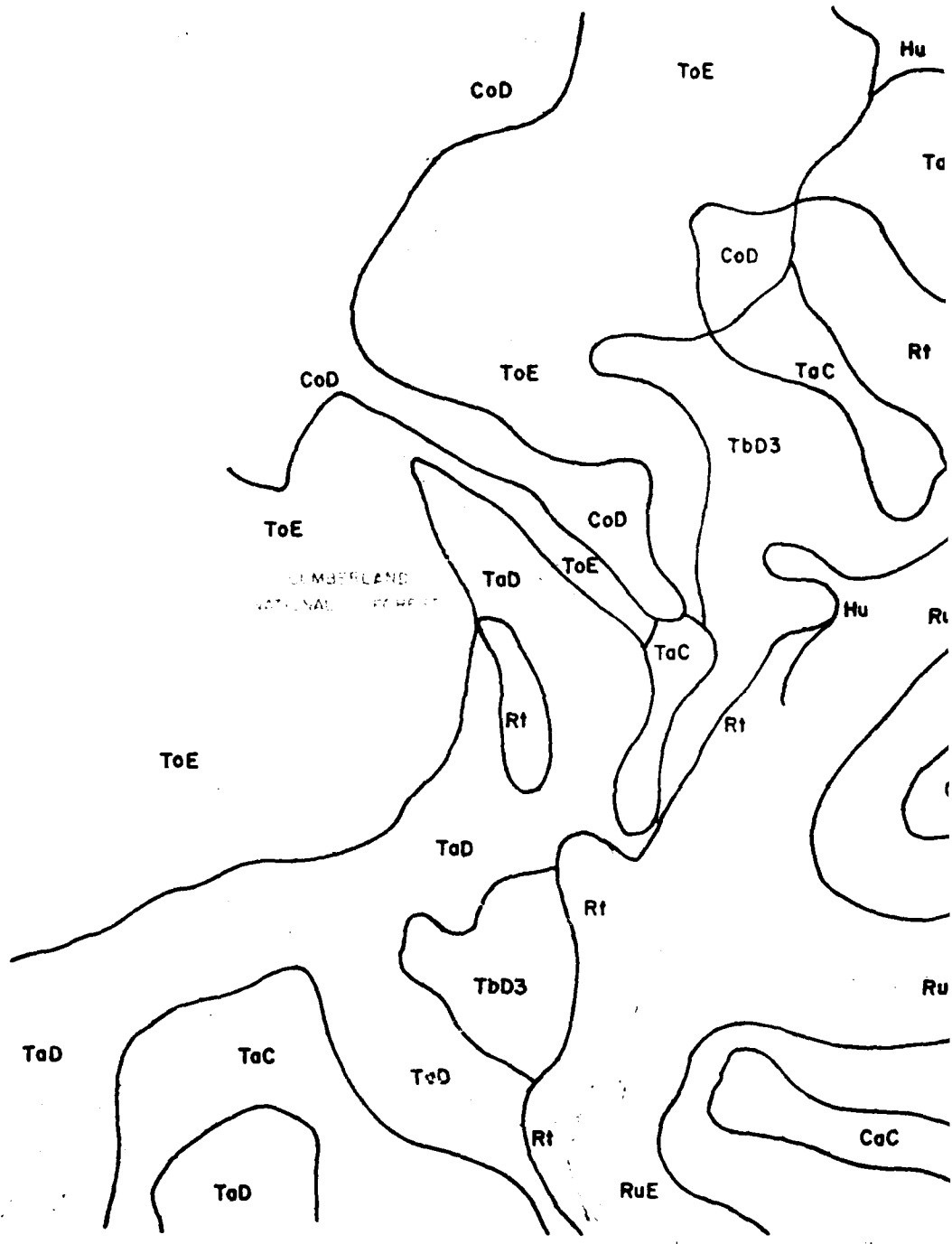


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 Landscape Architects, Engineers, Planners
 Louisville, Nashville, Washington



**COASTAL ZONE
 RESOURCES DIVISION**
 OCEAN DATA SYSTEMS INC
 Wilmington, N.C.

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED	J. L. C.	CUMBERLAND RIVER BASIN		
DRAWN	M. J. W.	LITTLE SOUTH FORK CUMBERLAND RIVER MILE 13.3 TO 12.1 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY		
CHECKED	J. L. C.			
SCALE	DATE		DRAWING NUMBER	



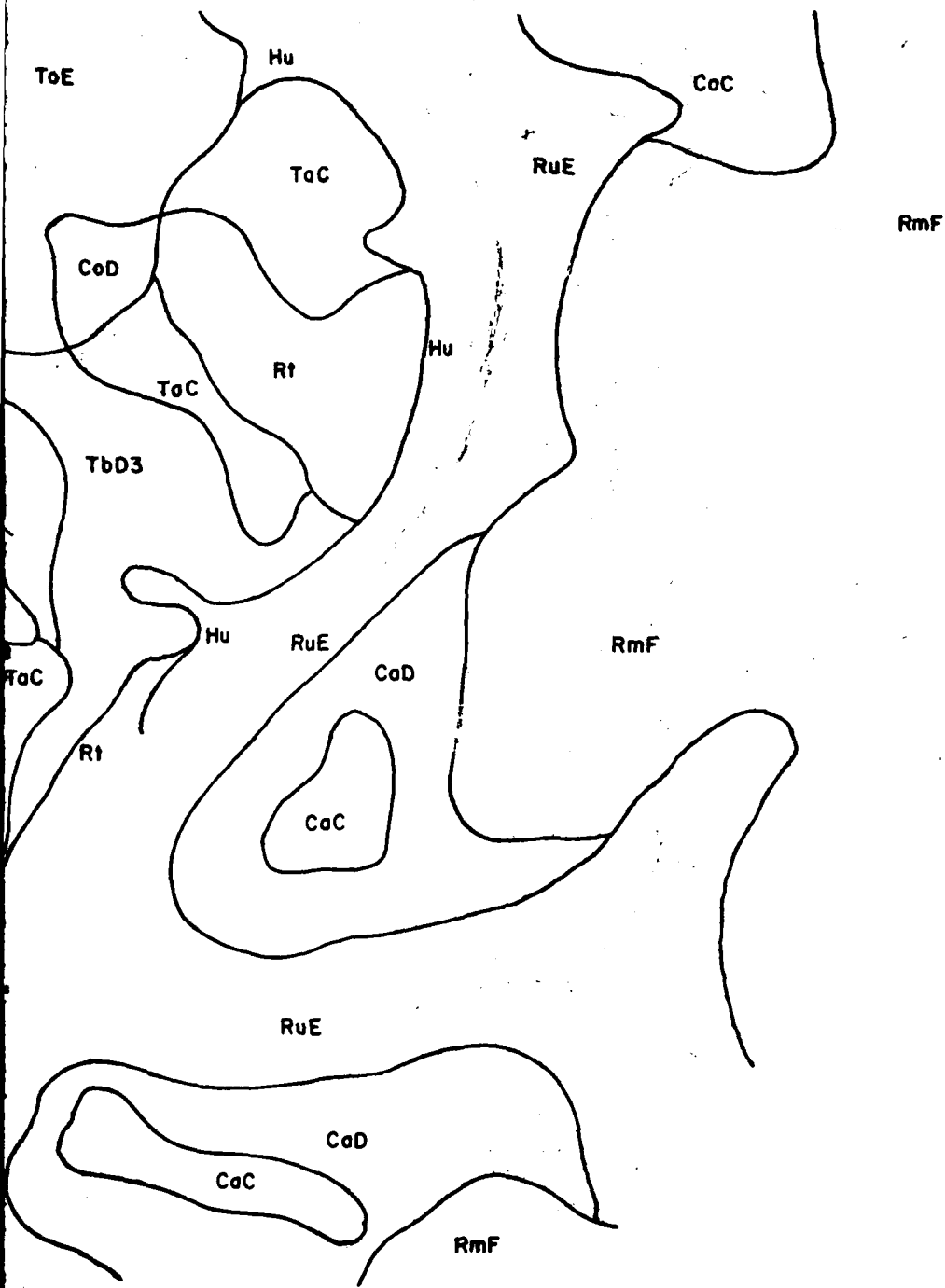
1

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SCALE IN FEET

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SCALE IN FEET
 INTERVAL: 5 FEET
 CONTOURS AT 20 FOOT INTERVALS
 ELEVATION IN FEET
 DATUM: MEAN SEA LEVEL
 GRID BASED ON 1983 U.S. PLANE
 SYSTEM (NAD 83)

Topical Credits Provided By

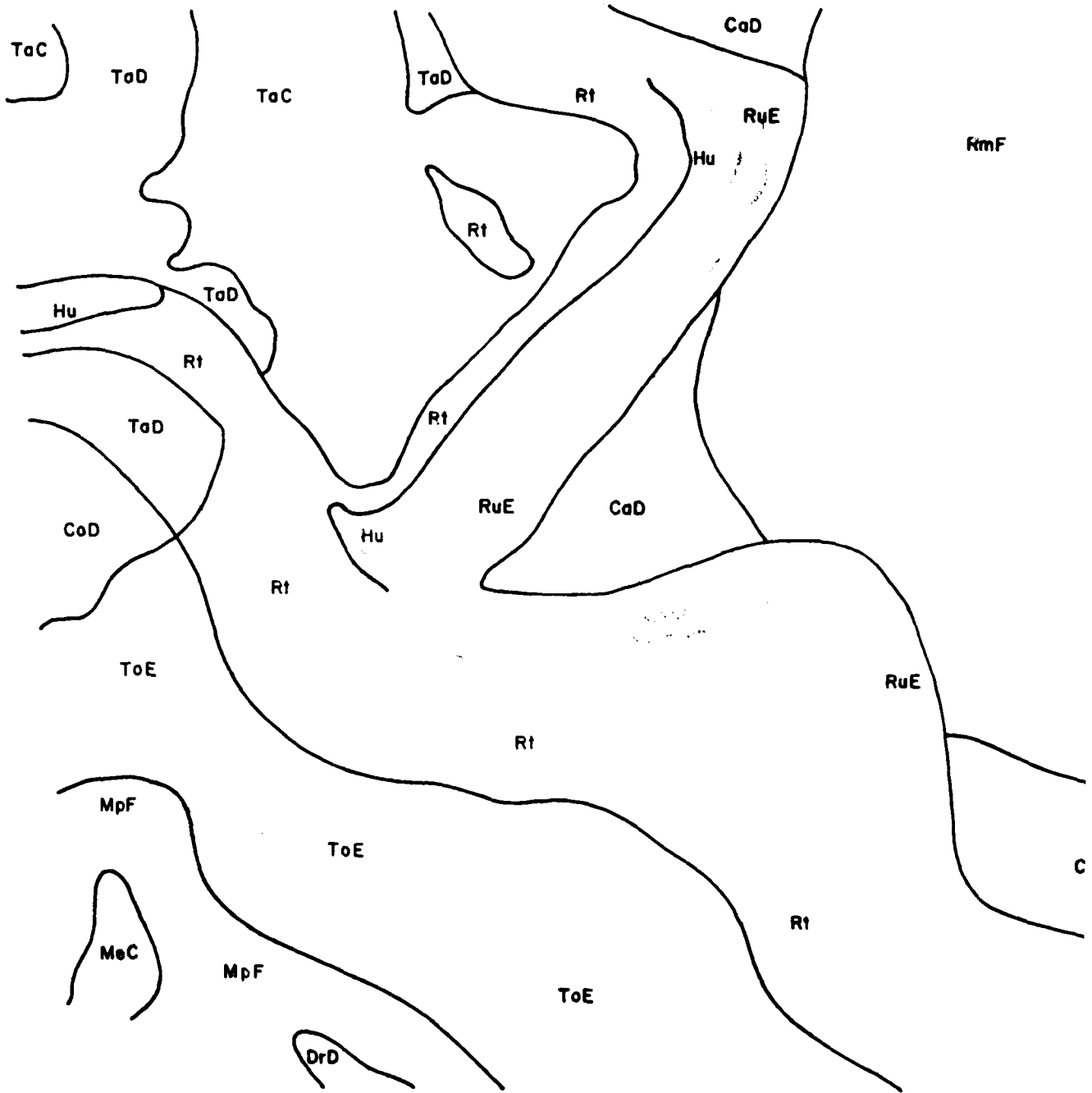
MA MILICAN ASSOCIATES
 Landscape Architects & Planners
 Louisville, Ky

MLL MILLER, WHIRY LEE INC.
 Landscape Architects, Engineers, Planners
 Louisville, Nashville, Washington

CRZ COASTAL ZONE
 RESOURCES DIVISION
 OCEAN DATA SYSTEMS, INC.
 Wilmington, N.C.

2

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE Corps of Engineers Louisville, Kentucky				
CUMBERLAND RIVER BASIN LITTLE SOUTH FORK CUMBERLAND RIVER MILE 12.1 TO 11.2 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY				
DESIGNED	J.L.C.			
DRAWN	M.J.W.			
CHECKED	J.L.C.			
SUBMITTED				
SCALE				
				DRAWING NUMBER



1

THE DISTRICT ENGINEER HAS REVIEWED THIS MAP AND FINDS IT CORRECT AS SHOWN.

DATE: _____

BY: _____



THE DISTRICT ENGINEER HAS REVIEWED THIS MAP AND FINDS IT CORRECT AS SHOWN.

DATE: _____

BY: _____

RmF

RmF

RuE

RuE

RmF

CaD

RuE

R1



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Louisville, Ky



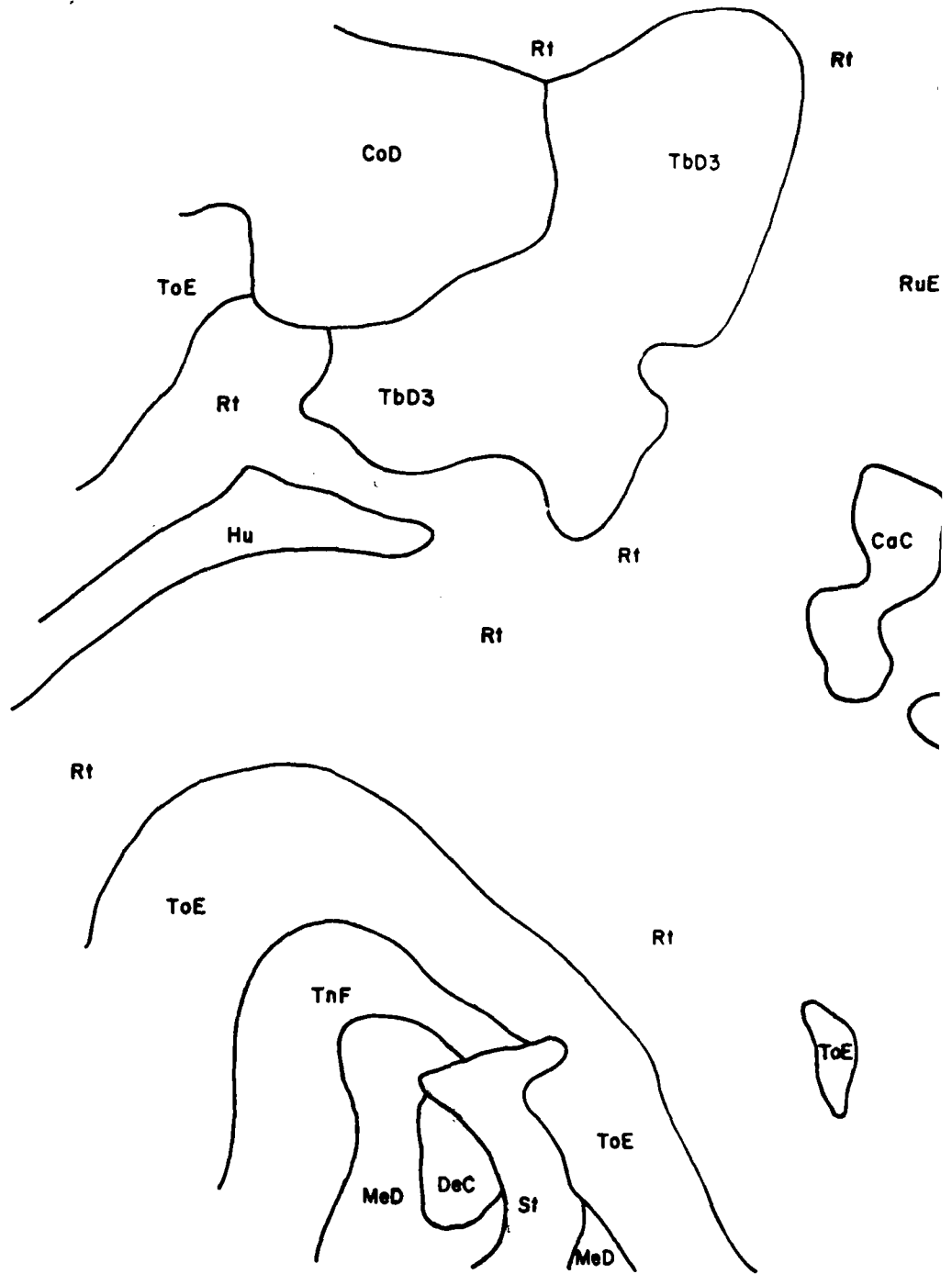
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RESOURCES DIVISION
OCEAN DATA SYSTEMS, INC.
Wilmington, N.C.

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REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED: J. L. C.		CUMBERLAND RIVER BASIN		
DRAWN: M. J. W.	TRACE:	LITTLE SOUTH FORK CUMBERLAND RIVER MILE 11.2 TO 9.7 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY		
CHECKED: J. L. C.				
SCALE:	DATE:			
				DRAWING NUMBER

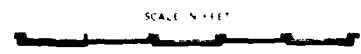


1

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2. This drawing is the property of the Corps of Engineers and is loaned to you for your information and use only. It is not to be distributed outside your organization.

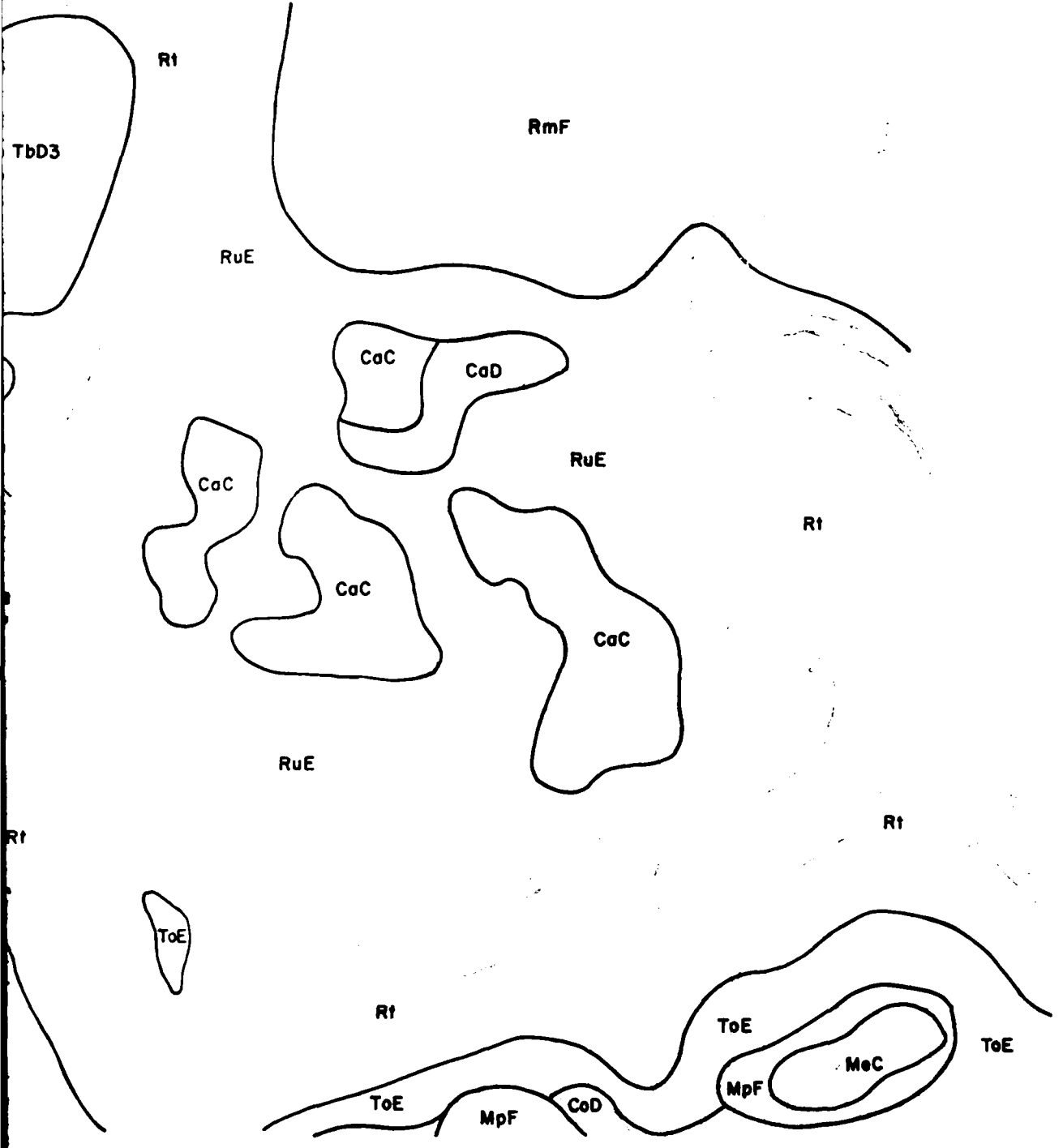
3. This drawing is not to be used for any other purpose than that for which it was prepared.



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Typical Services Provided By
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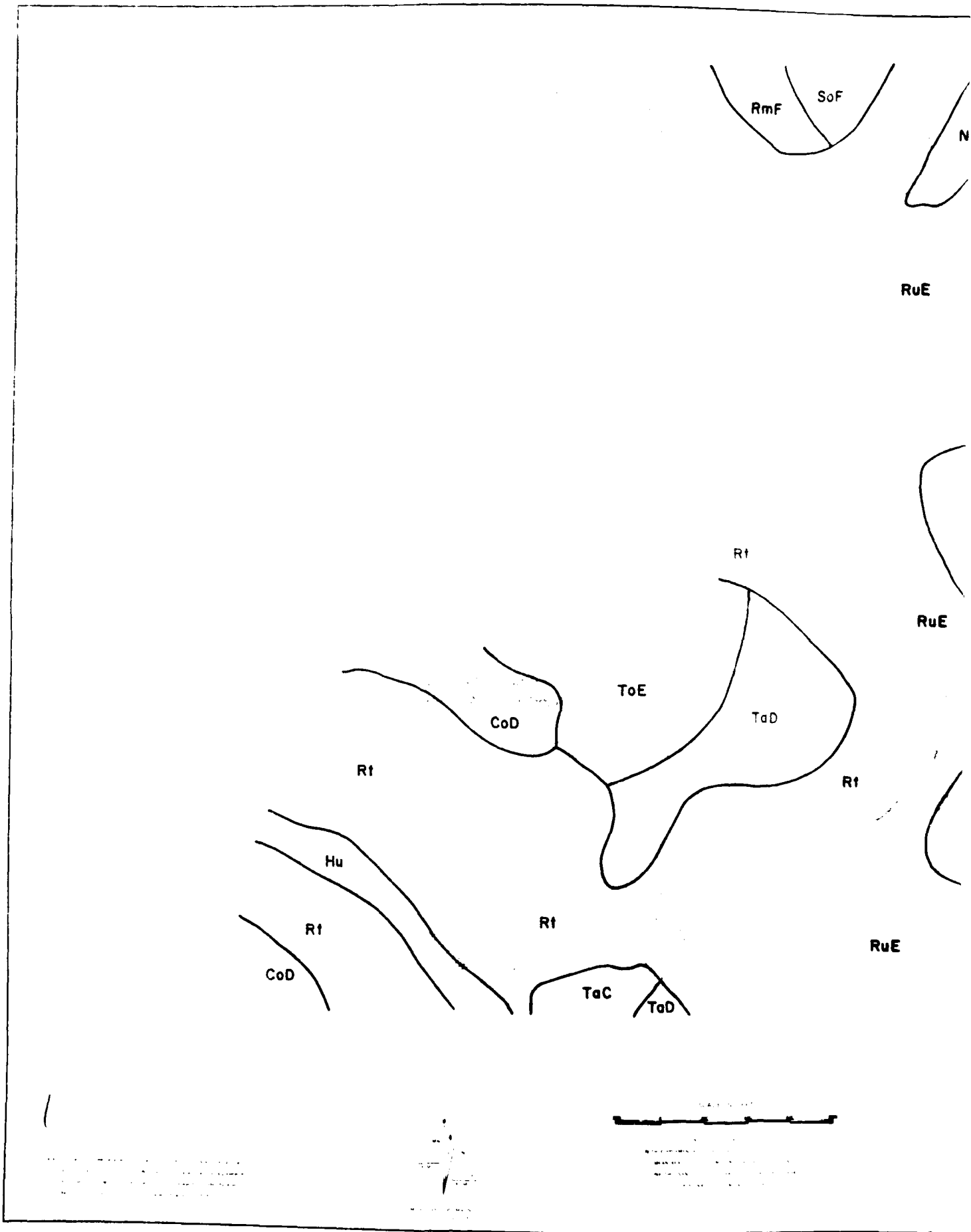
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 Louisville, Nashville, Washington

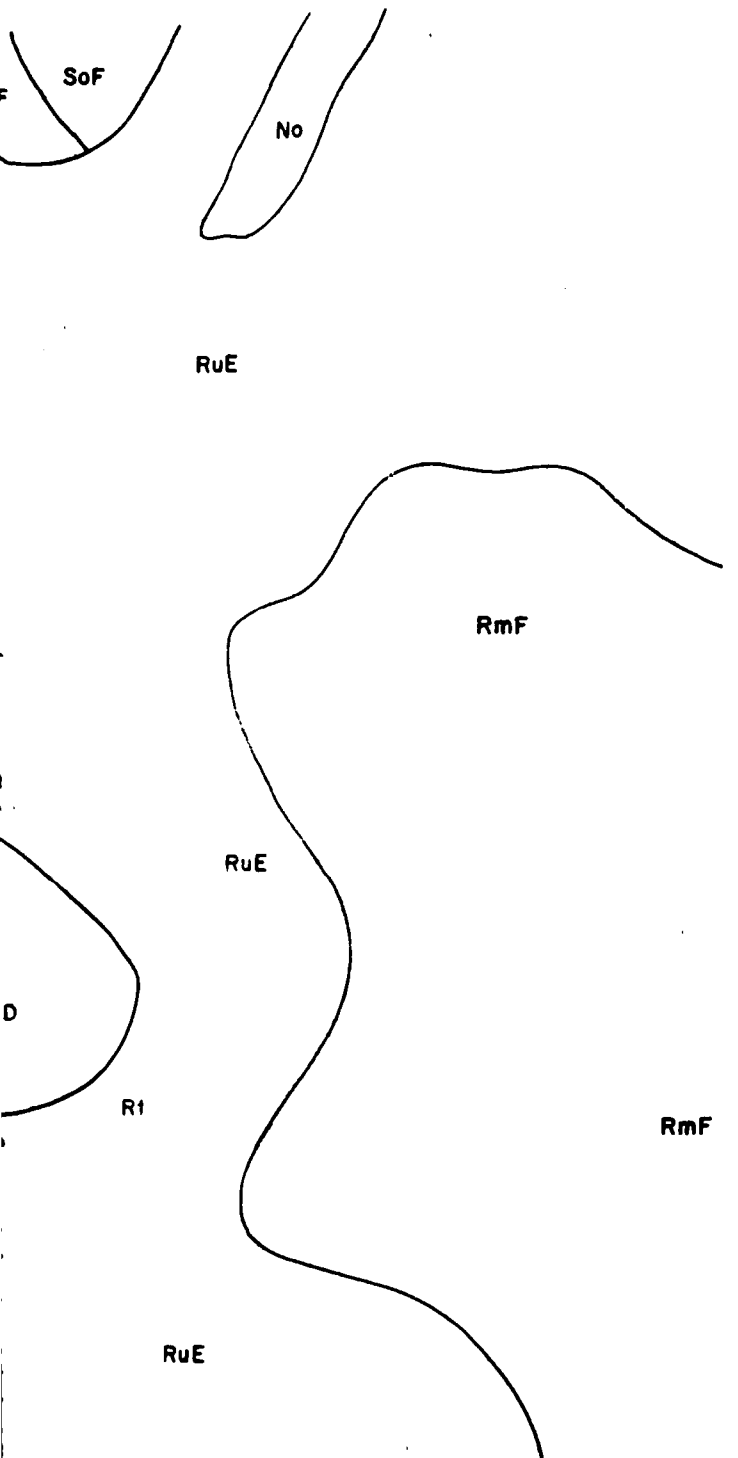


**COASTAL ZONE
 RESOURCES DIVISION**
 OCEAN DATA SYSTEMS, INC.
 Wilmington, N.C.

2

DIVISION		DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE DISTRICT					
CUMBERLAND RIVER BASIN LITTLE SOUTH FORK CUMBERLAND RIVER MILE 9.7 TO 8.0 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY					
DESIGNED:	J. L. C.	TRACED:			
DRAWN:	M. J. W.	CHECKED:	J. L. C.		
SUBMITTED:		SCALE:			
SCALE:			DATE:		
				DRAWING NUMBER:	





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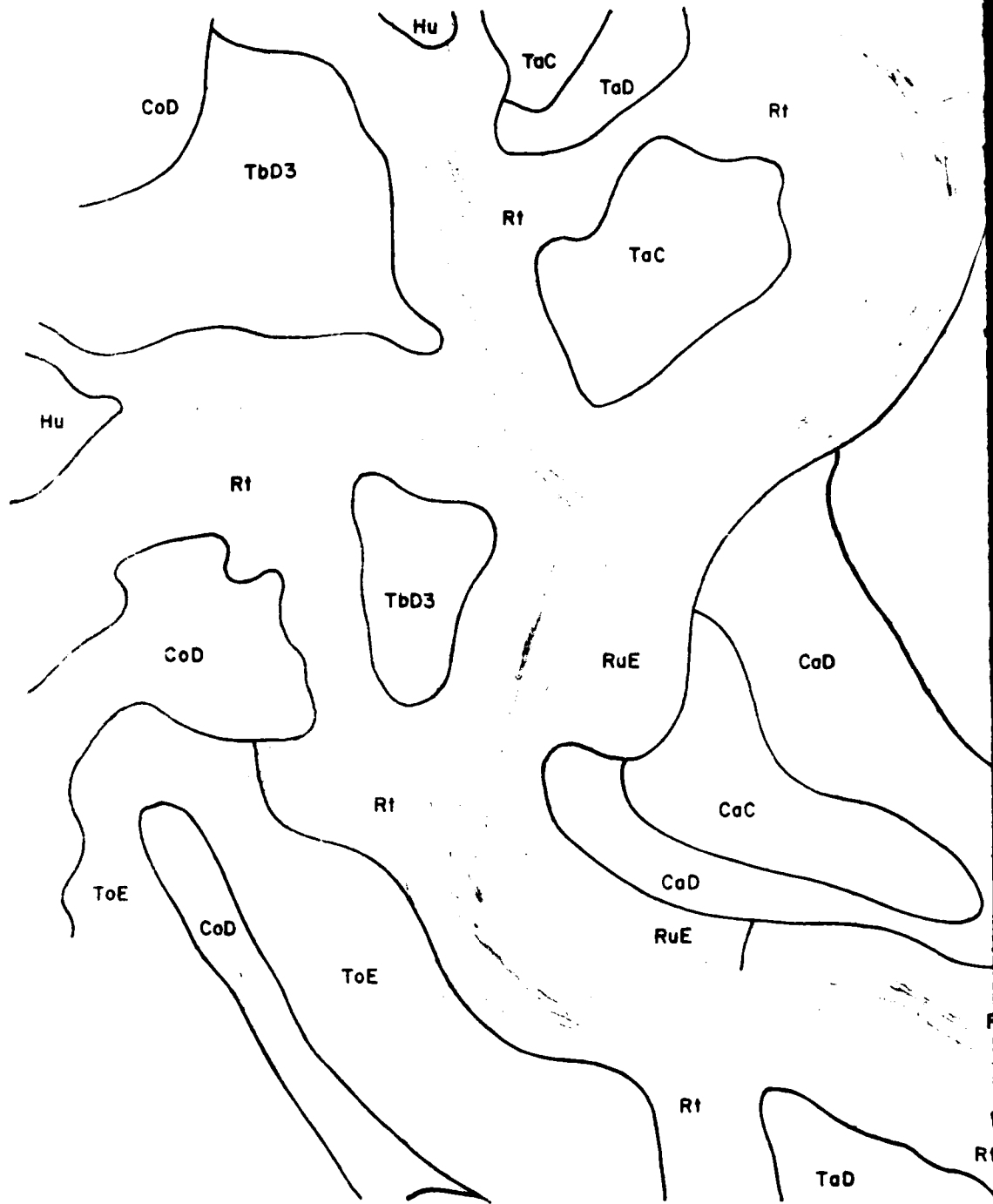


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 Louisville, Nashville, Washington



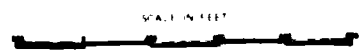
**COASTAL ZONE
 RESOURCES DIVISION**
 OCEAN DATA SYSTEMS, INC.
 Wilmington, N.C.

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED: J. L. C.		CUMBERLAND RIVER BASIN		
DRAWN: M. J. W.		LITTLE SOUTH FORK CUMBERLAND RIVER MILE 80 TO 72 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY		
CHECKED: J. L. C.				
SUBMITTED:		DRAWING NUMBER		
SCALE:		DATE:		

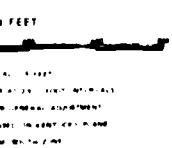
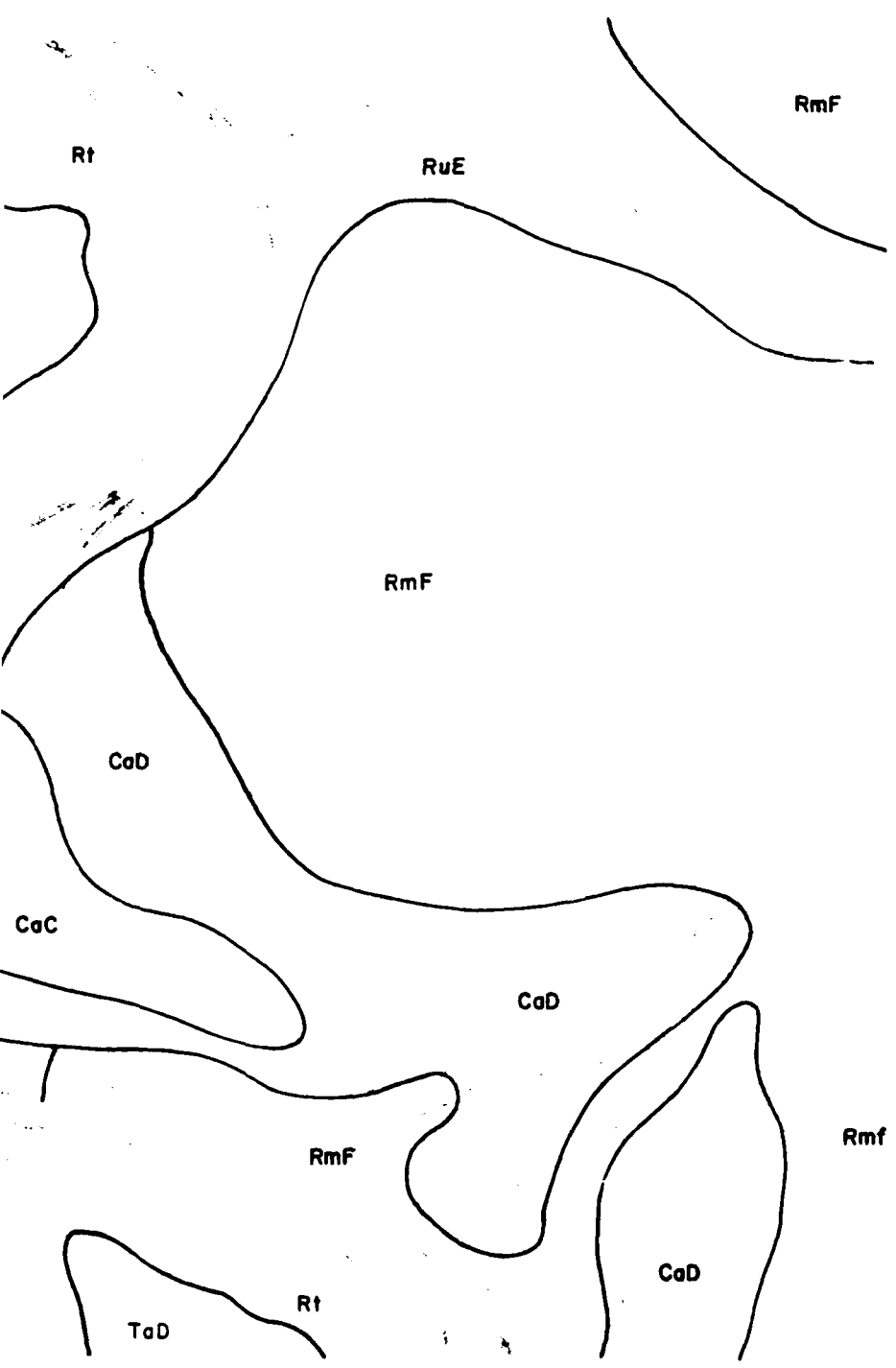


1

1. This drawing is a plan view of the waterway shown on the title sheet. It is based on the data furnished by the field office and is not a true representation of the actual conditions. It is intended for use as a guide only and should not be used for any other purpose without the approval of the District Engineer.




2. This drawing is a plan view of the waterway shown on the title sheet. It is based on the data furnished by the field office and is not a true representation of the actual conditions. It is intended for use as a guide only and should not be used for any other purpose without the approval of the District Engineer.



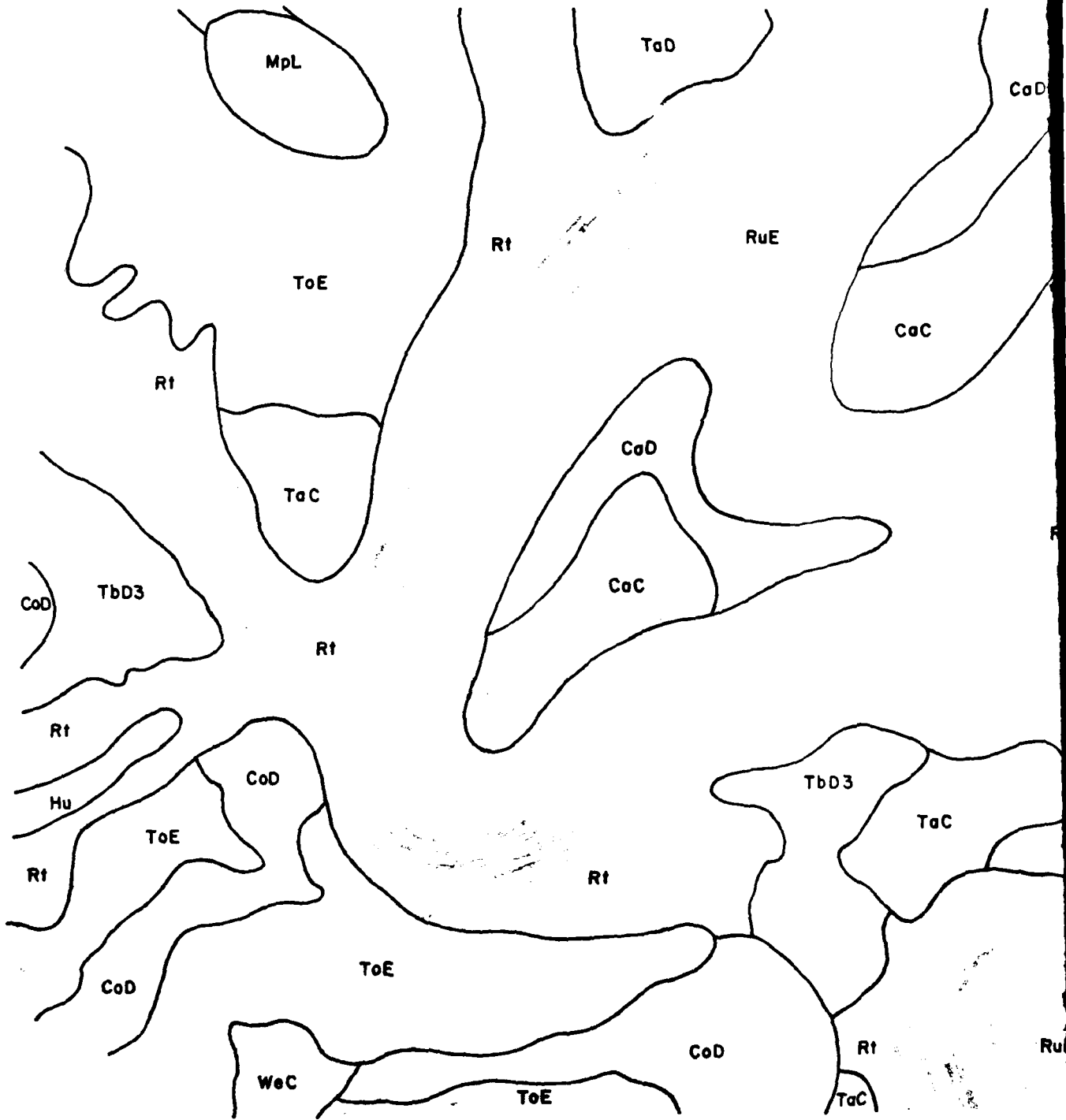
2

MA
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 RESOURCES DIVISION**
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REVISION		DATE	DESCRIPTION	BY	APP'D.
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE DISTRICT					
DESIGNED		CUMBERLAND RIVER BASIN			
DRAWN		LITTLE SOUTH FORK CUMBERLAND RIVER MILE 72 TO 60 MILE WAYNE & MCCREARY COUNTIES KENTUCKY			
CHECKED					
SUBMITTED					
SCALE					
DATE		DRAWING NUMBER			



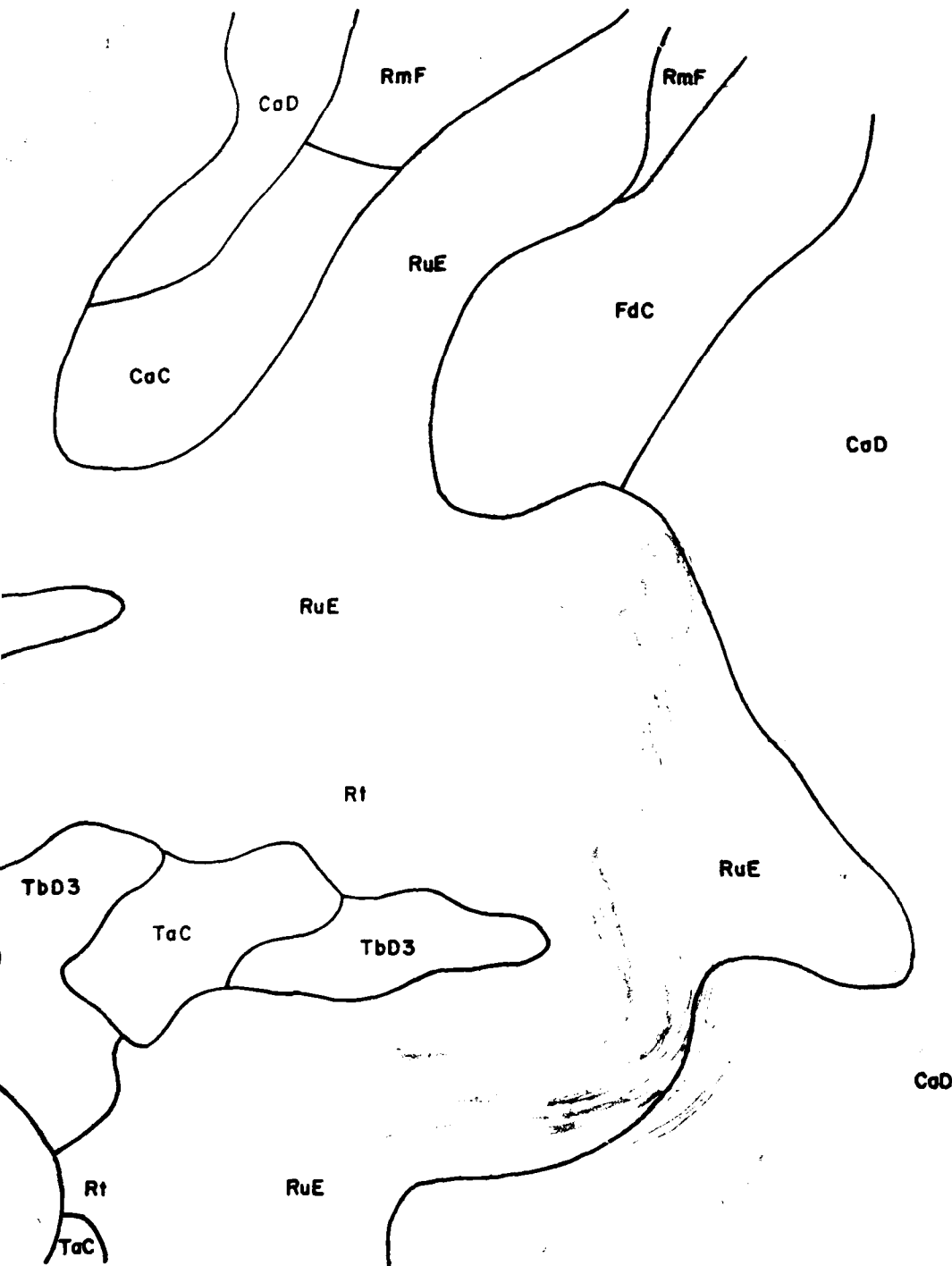
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SCALE IN FEET

UNITED STATES GOVERNMENT
 WITH SUPPLEMENTARY NOTES AND EXPLANATIONS
 MEAS. SEA LEVEL DATUM (M.S.L.) ADJUSTMENT
 JAN. TWENTY-NINE, 1954. (REV. 1-1-54)
 COORDINATE SYSTEM: NAD 83

THE UNITED STATES GOVERNMENT
 PRINTING OFFICE: 1954



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Louisville, Ky



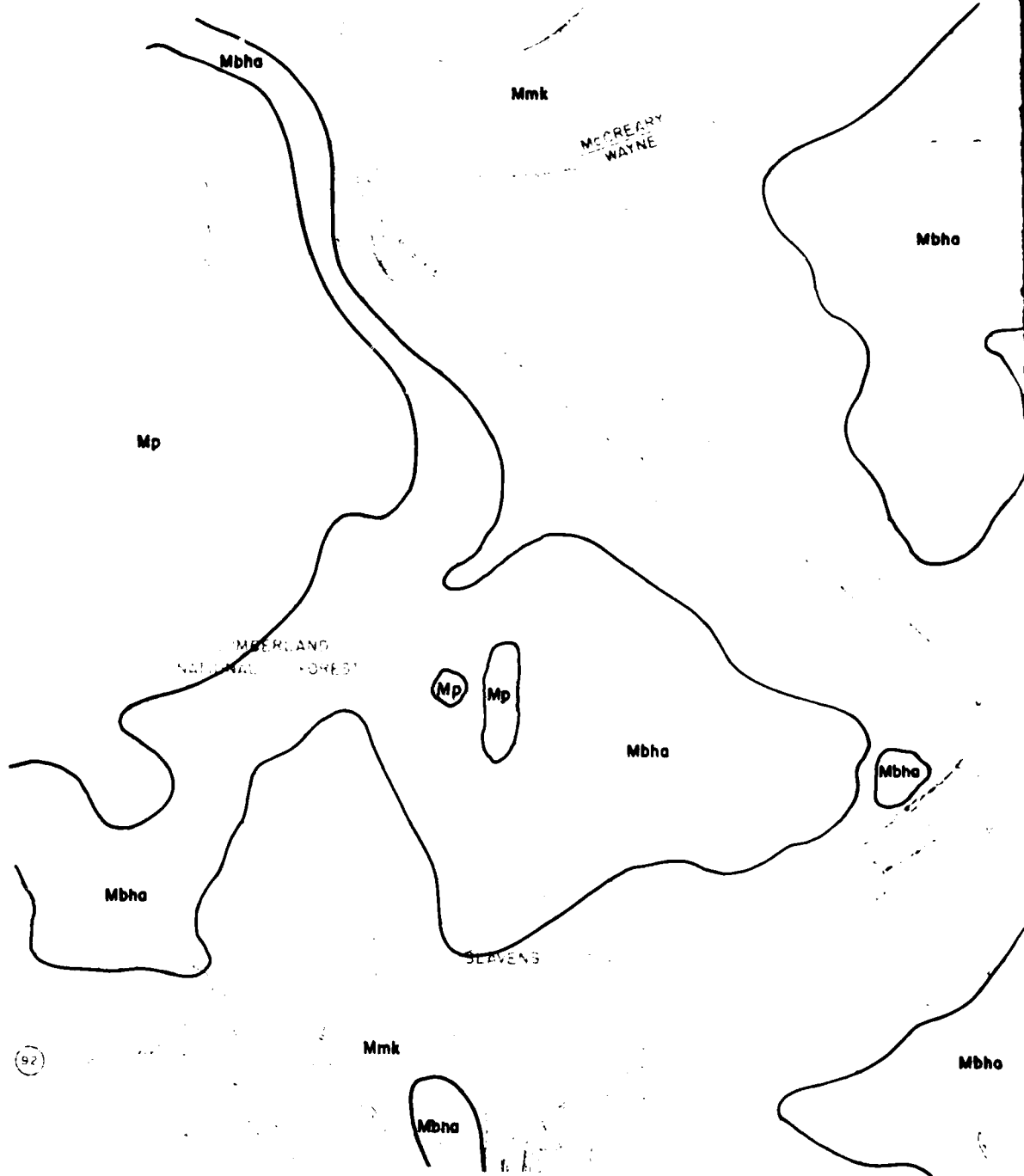
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RESOURCES DIVISION**
OCEAN DATA SYSTEMS, INC.
Wilmington, N.C.

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REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED:	J. L. C.	CUMBERLAND RIVER BASIN		
DRAWN:	M. J. W.	LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED:	J. L. C.	MILE 6.0 TO 4.0 MILE		
SUBMITTED:		WAYNE & MCCREARY COUNTIES, KENTUCKY		
SCALE:		TITLE:	DRAWING NUMBER	



92

1

The contour and other data on this map were obtained by the methods described by the Department of the Army, Corps of Engineers, in the Manual of Hydrographic Surveying, Part I, Chapter 1, Section 1. The horizontal scale is based on the datum of the North American Datum of 1983. The vertical scale is based on the datum of the North American Datum of 1983. The map is based on the data of the District Engineer, Louisiana District, Corps of Engineers, U. S. Army.



UTM GRID AND 1984 MAGNETIC NORTH DECLINATION



SCALE IN FEET

CONTOUR INTERVAL: 5 FEET
 WITH SUPPLEMENTARY CONTOURS AT 10 FEET INTERVALS
 MEAN SEA LEVEL DATUM: 1984 GENERAL ADJUSTMENT
 ONE THOUSAND FIFTY-FOUR, BUREAU OF THE ARMY
 COORDINATE SYSTEM: UTM ZONE 18N



Topical Content Prepared by



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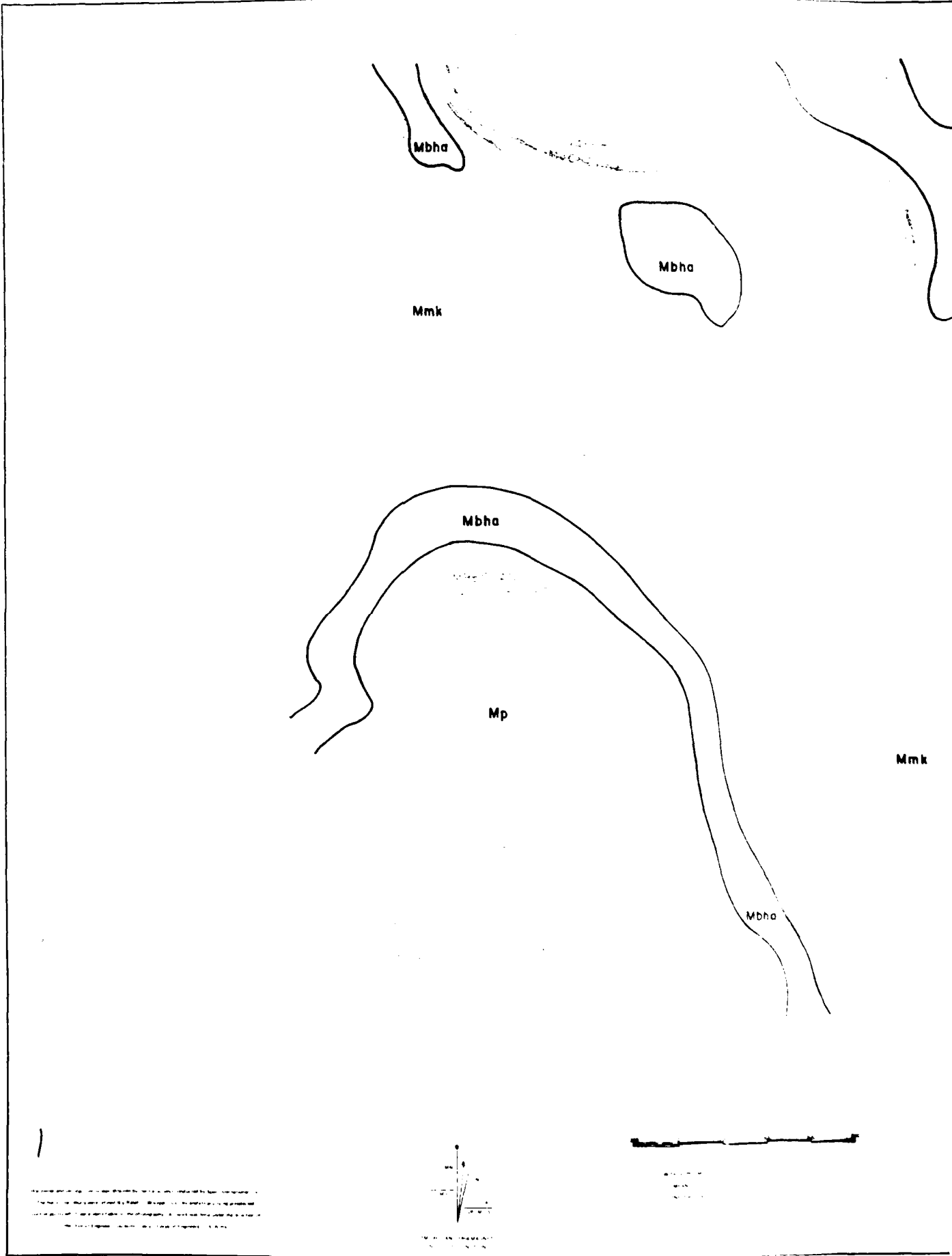


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REVISION	DATE	DESCRIPTION	BY	APP'D.
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED: J.L.C.		CUMBERLAND RIVER BASIN		
DRAWN: M.A.W.		LITTLE SOUTH FORK CUMBERLAND RIVER MILE 15.4 TO 13.3 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY		
CHECKED: J.L.C.				
SCALE:		DRAWING NUMBER:		

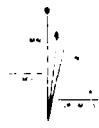


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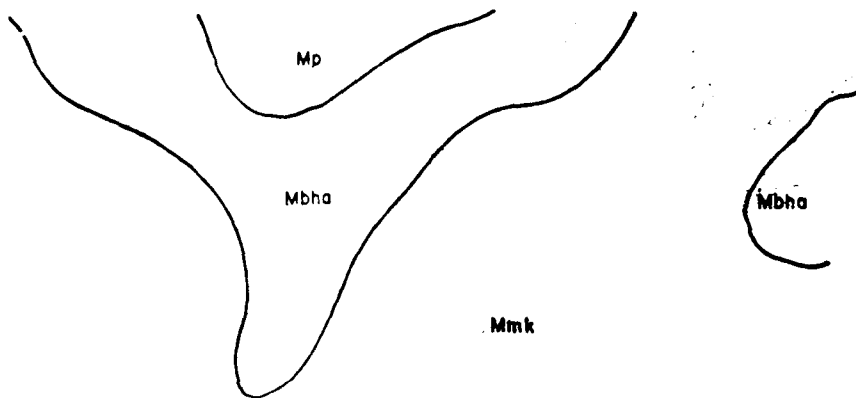
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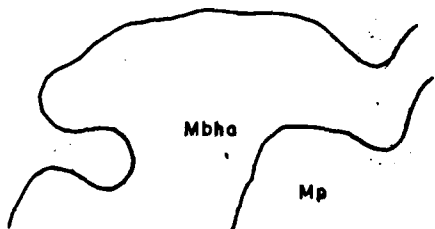
.....



.....



Mmk



Mbha



VERTICAL SCALE
 1" = 1000 FEET
 HORIZONTAL SCALE
 1" = 1000 FEET



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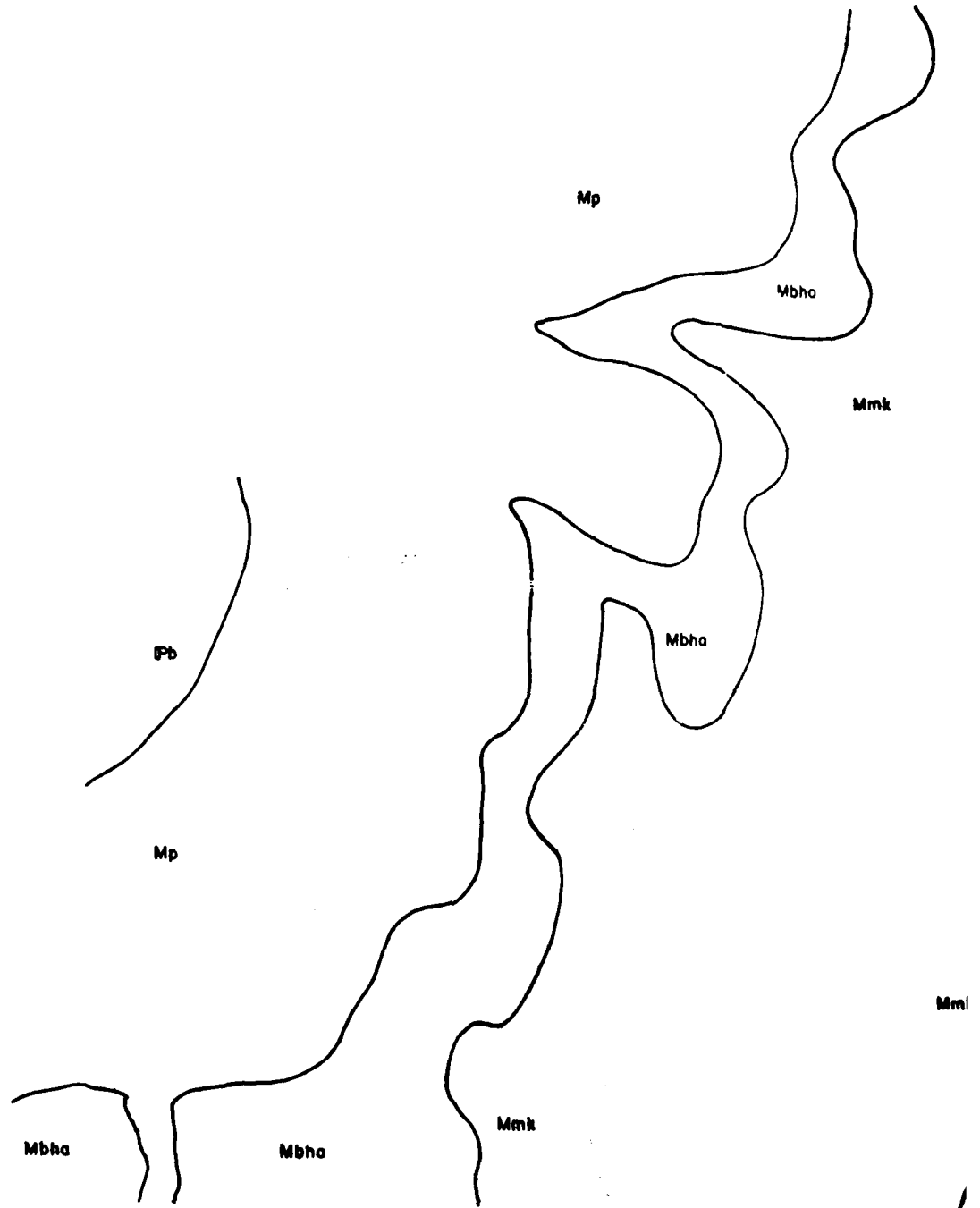


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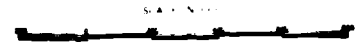


**COASTAL ZONE
 RESOURCES DIVISION**
 OCEAN DATA SYSTEMS, INC.
 Wilmington, N.C.

REVISION	DATE	DESCRIPTION	BY	APP'D.
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE DISTRICT				
DESIGNED	J. L. C.	CUMBERLAND RIVER BASIN		
DRAWN	M. J. W.	LITTLE SOUTH FORK CUMBERLAND RIVER MILE 133 TO 121 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY		
CHECKED	J. L. C.			
SCALE		TITLE	DRAWING NUMBER	

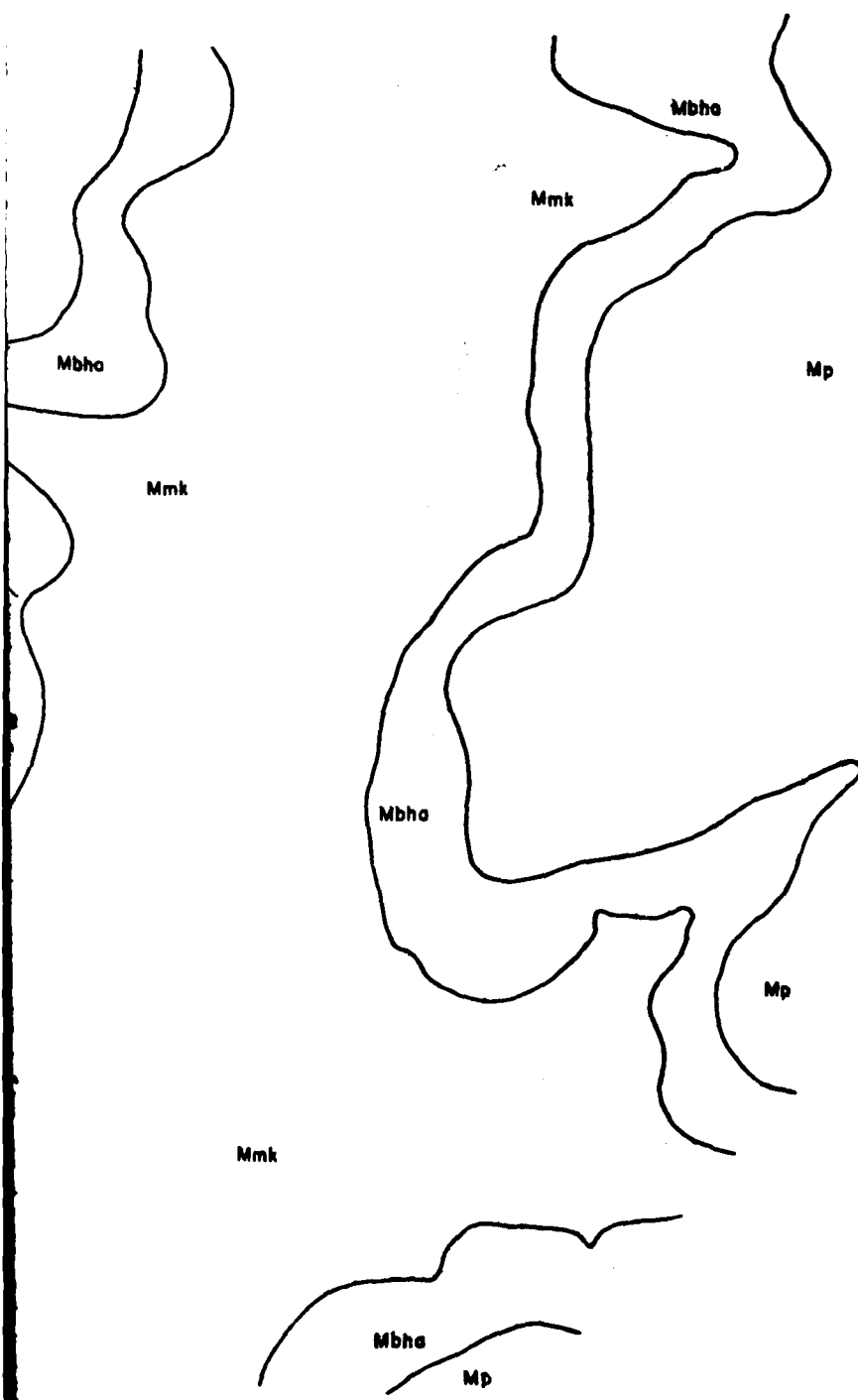


1
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Scale
1:50,000
Vertical Exaggeration
10:1

U.S. GEOLOGICAL SURVEY
WASHINGTON, D.C.



DATE
BY
APPROVED
BY

2



Prepared by
MILICAN ASSOCIATES
Landscape Architects & Planners
Louisville, Ky.

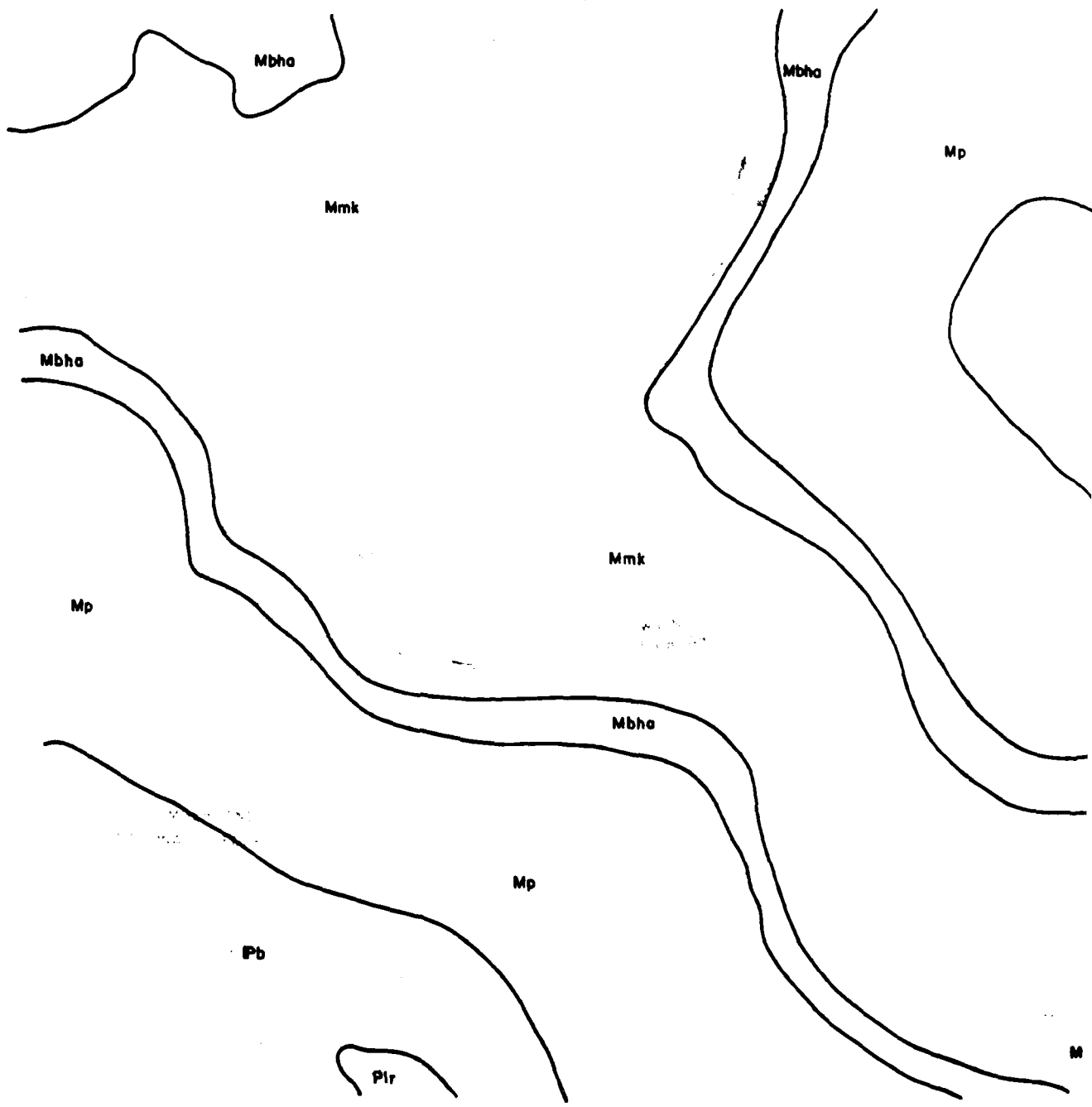


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Landscape Architects, Engineers, Planners
Louisville, Nashville, Washington



**COASTAL ZONE
RESOURCES DIVISION**
OCEAN DATA SYSTEMS INC.
Wilmington, N.C.

REVISION		DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE <small>ENGINEER DISTRICT</small> <small>LOUISVILLE, KENTUCKY</small>					
DESIGNED	J. L. C.	CUMBERLAND RIVER BASIN LITTLE SOUTH FORK CUMBERLAND RIVER MILE 12.1 TO 11.2 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY			
DRAWN	M. J. W.				
CHECKED	J. L. C.				
DATE		SCALE	DRAWING NUMBER		



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UNIT OF MEASURE: FEET
SCALE: 1" = 100'
DATE: 11/15/50
BY: [illegible]
CHECKED BY: [illegible]

Mp

Pb

Mp

Mmk

Mp

Mbho

Mbho

Pb

Mmk



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Landscape Architects & Planners
Louisville Ky



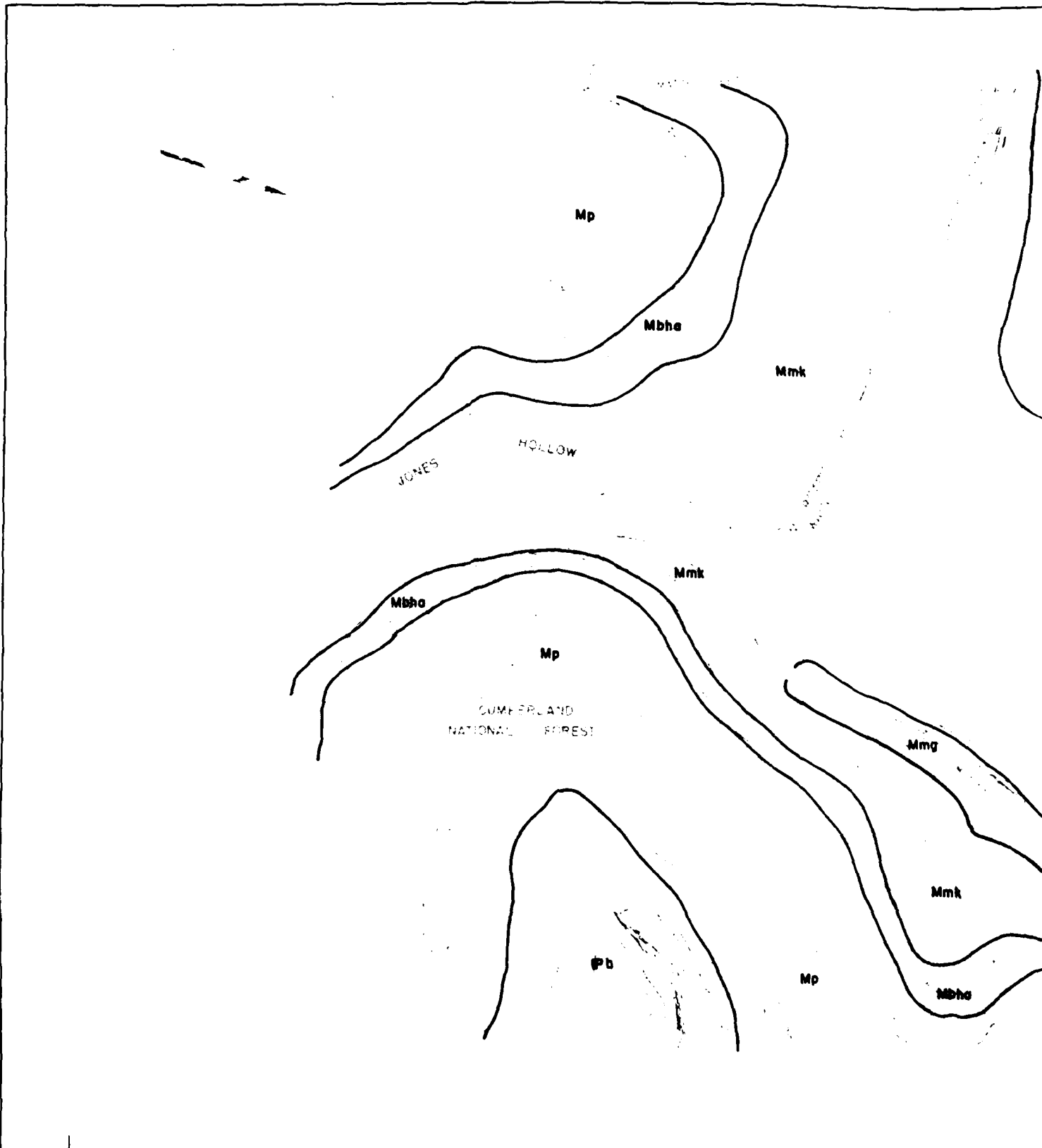
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**COASTAL ZONE
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2

REVISION		DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY					
DRAWN:		CUMBERLAND RIVER BASIN			
M. J. W.		LITTLE SOUTH FORK CUMBERLAND RIVER MILE 11.2 TO 9.7 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY			
CHECKED:		DRAWING NUMBER			
J. L. C.					
SCALE:		DATE:			



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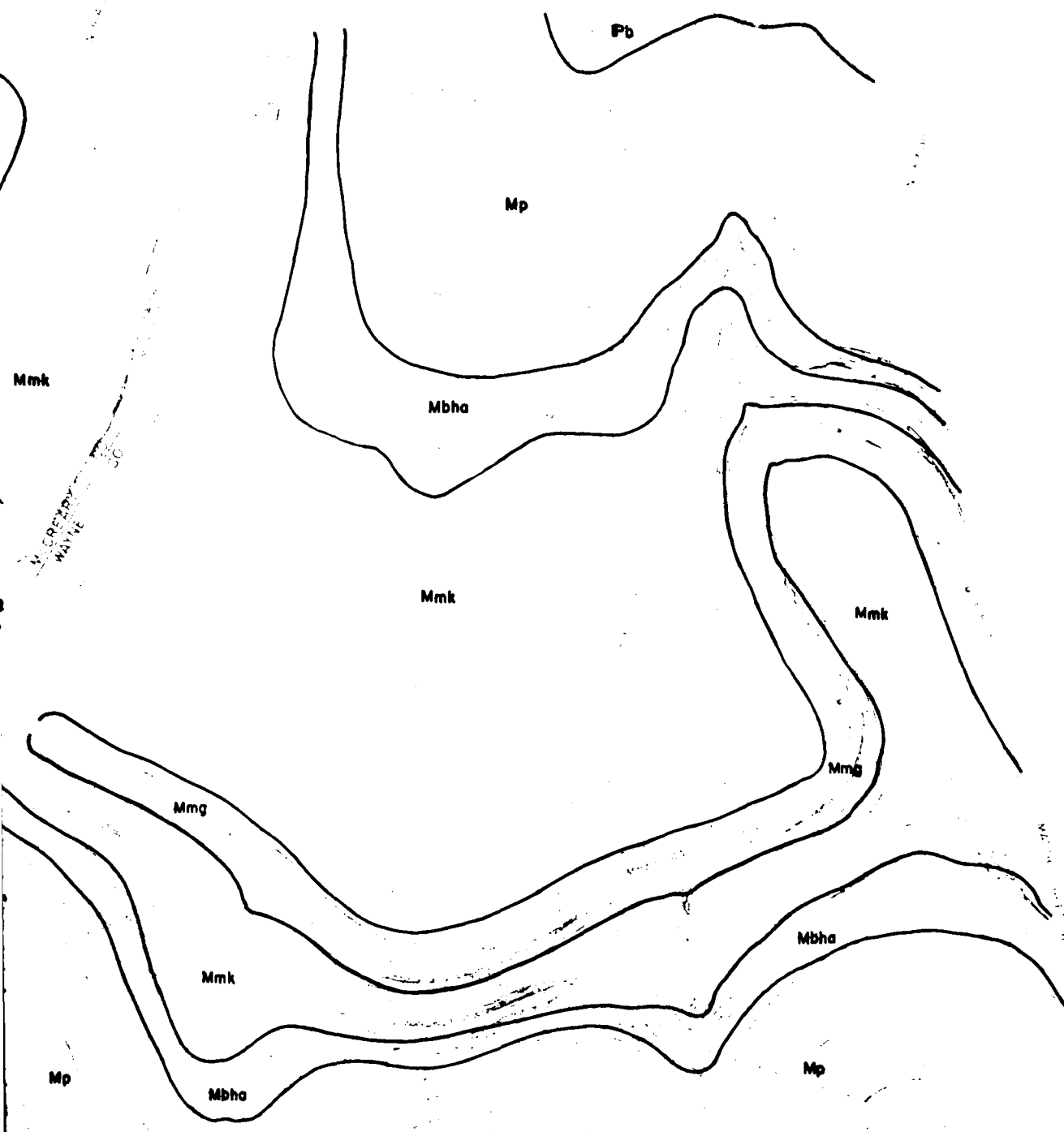


THE GRID AND SPAN BALANCE TO NORTH IS 100.0000

SCALE IN FEET

A horizontal scale bar with markings at 0, 25, 50, 75, and 100 feet.

CONTOUR INTERVAL: 5 FEET
 WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS
 MEAN SEA LEVEL DATUM: 1985 GENERAL ADJUSTMENT
 ONE THOUSAND FOOT GRID BASED ON GEOTIC PLAN
 COORDINATE SYSTEM: NAD 83



Mmk

Pb

Mp

Mbha

Mmk

Mmk

Mmg

Mmg

Mmk

Mbha

Mp

Mbha

Mp

IN FEET
 0 10 20 30 40 50 60 70 80 90 100
 1:25,000
 1" = 200'



Topical Overlays Prepared By
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 Louisville Ky



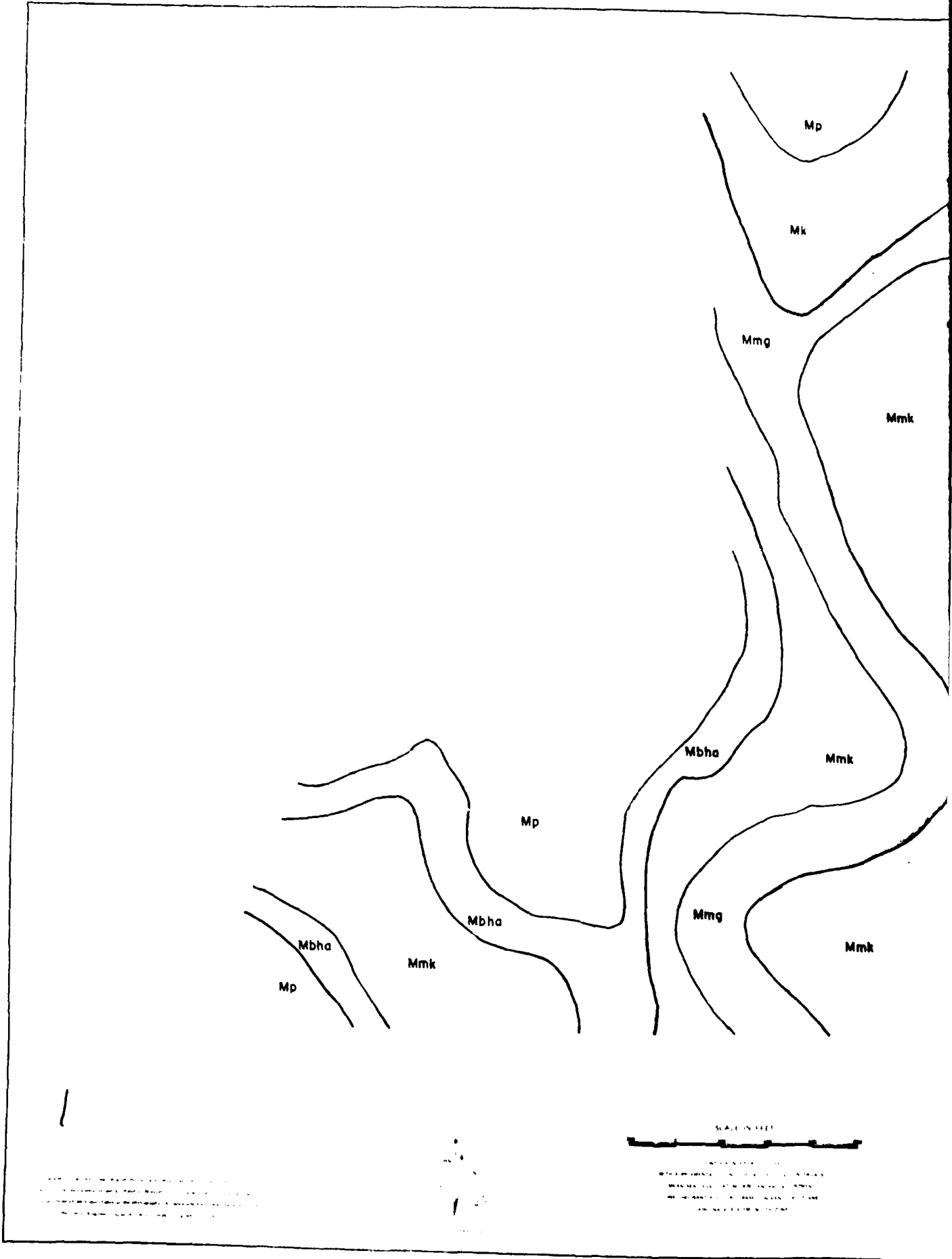
MILLER, WHYRY, LEE INC.
 Landscape Architects Engineers Planners
 Louisville, Nashville, Washington

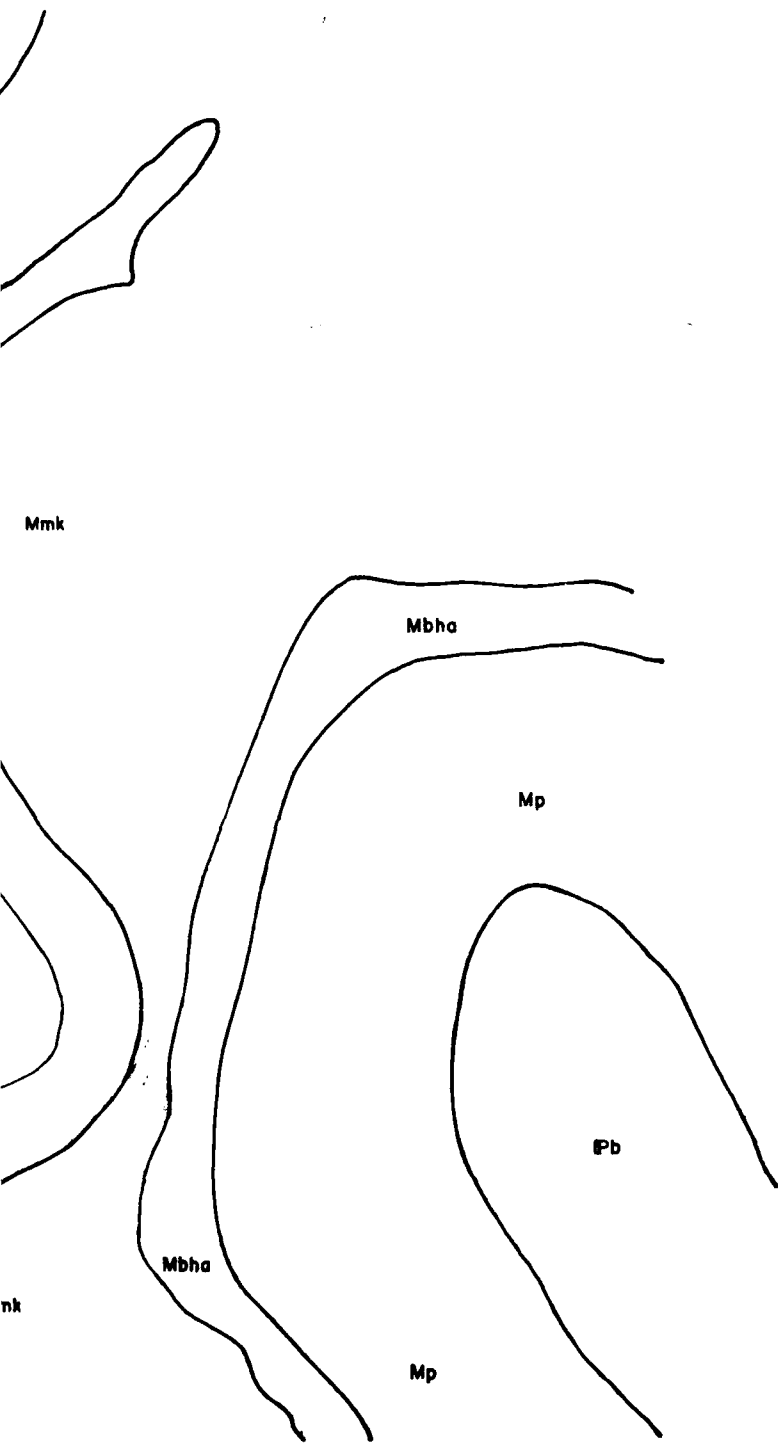


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 RESOURCES DIVISION**
 OCEAN DATA SYSTEMS, INC.
 Wilmington, N.C.

2

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED J. L. C.		CUMBERLAND RIVER BASIN		
DRAWN M. J. W.		LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED J. L. C.		MILE 9.7 TO 8.0 MILE		
SUBMITTED		WAYNE & MCCREARY COUNTIES, KENTUCKY		
SCALE		DATE		
		DRAWING NUMBER		





MILICAN ASSOCIATES
Landscape Architects & Planners
Louisville, Ky.



MILLER WIMPY LEE INC.
Landscape Architects, Engineers, Planners
Louisville, Nashville, Washington



**COASTAL ZONE
RESOURCES DIVISION**
OCEAN DATA SYSTEMS, INC.
Wilmington, N.C.

2

REVISION: DATE		DESCRIPTION		BY: APP: C
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED: JLC	CUMBERLAND RIVER BASIN			
DRAWN: M J W	LITTLE SOUTH FORK CUMBERLAND RIVER			
CHECKED: JLC	MILE 80 10 72 MILE			
SUBMITTED:	WAYNE & MCCREARY COUNTIES KENTUCKY			
SCALE:	DATE:			
		DRAWING NUMBER		



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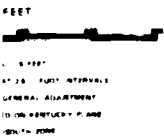
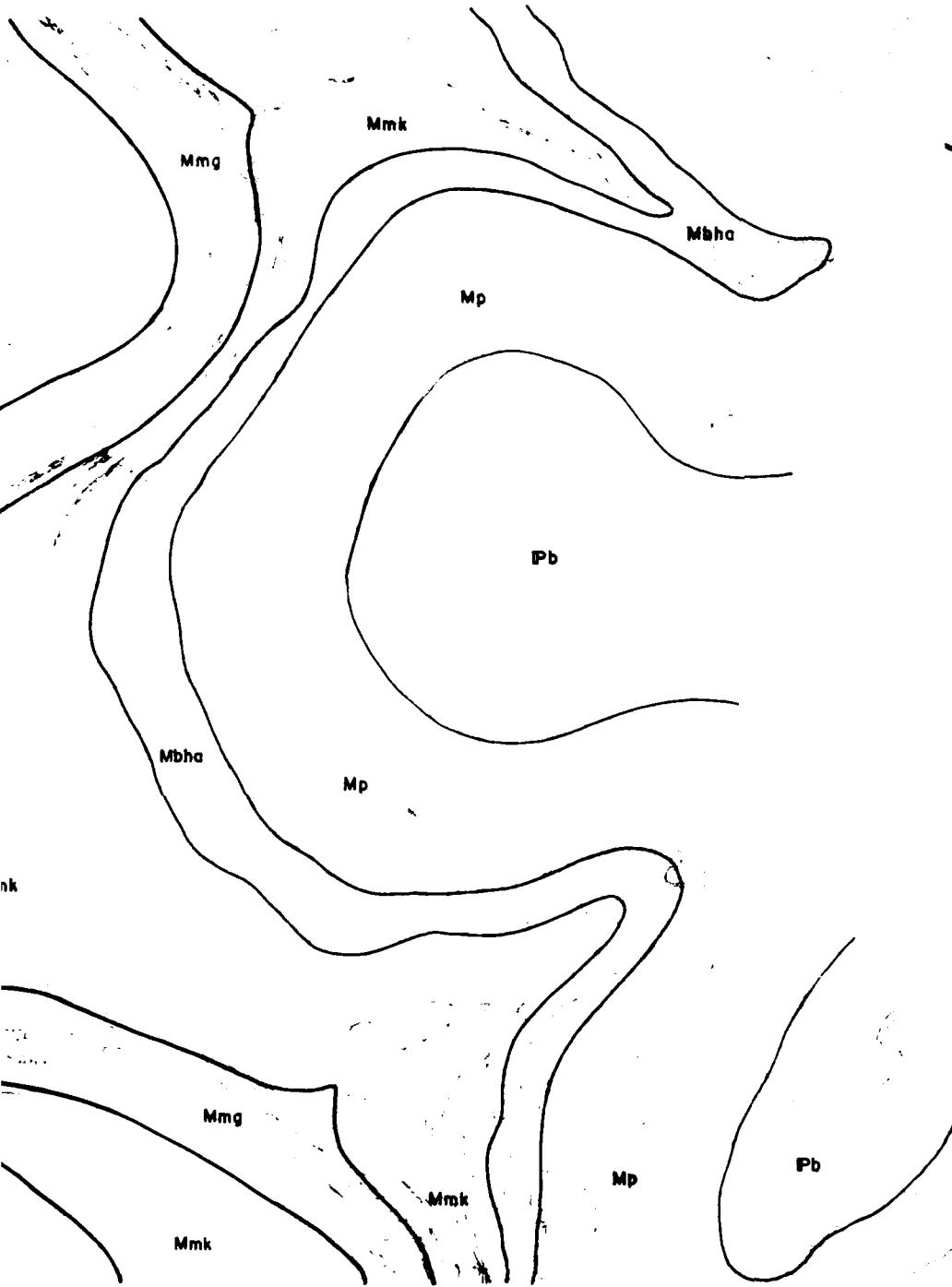
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U.S. Army Corps of Engineers, Hydrologic Engineering Center, Davis, California



SCALE IN FEET

100 FT. INTERVAL - 10 FEET
 200 FT. INTERVAL - 20 FEET
 300 FT. INTERVAL - 30 FEET
 400 FT. INTERVAL - 40 FEET
 500 FT. INTERVAL - 50 FEET



2



Top of Drawing Prepared By:
MILICAN ASSOCIATES
 Landscape Architects & Planners
 Louisville Ky

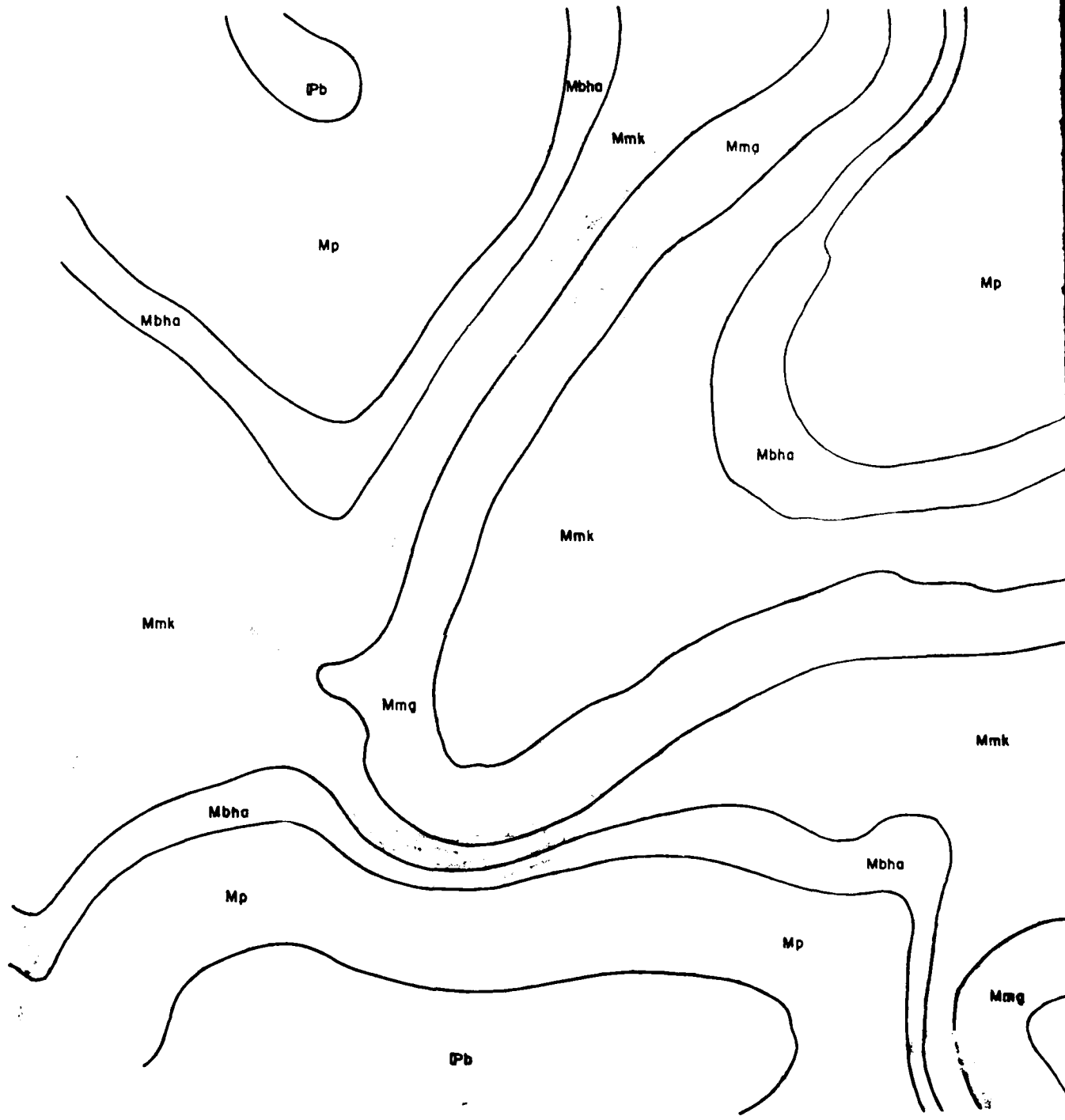


MILLER WHIRY LEE INC.
 Landscape Architects, Engineers, Planners
 Louisville Nashville Washington



**COASTAL ZONE
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 Wilmington N.C.

DIVISION		DATE		DESCRIPTION		BY		APP'D	
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY									
DESIGNED		CHECKED		DRAWN		TITLE			
J. L. C.		M. J. W.		J. L. C.		CUMBERLAND RIVER BASIN LITTLE SOUTH FORK CUMBERLAND RIVER MILE 72 TO 60 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY			
SCALE:					DRAWING NUMBER:				

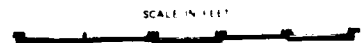


1

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THE UNITED STATES OF AMERICA
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS



VERTICAL DATUM: MEAN SEA LEVEL
HORIZONTAL DATUM: MEAN SEA LEVEL
PROJECTION: UTM
SCALE: 1" = 1000'



MILICAN ASSOCIATES
 Architects, Engineers, Planners
 Louisville, Ky.



MILLER WHIRY LEE INC.
 Landscape Architects, Engineers, Planners
 Louisville, Frankfort, Westport, Ky.



COASTAL ZONE RESOURCES DIVISION
 OCEAN DATA SYSTEMS, INC.
 Wilmington, N.C.

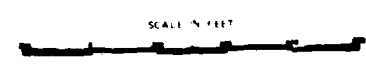
REVISION		DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE DISTRICT					
DRAWN		CUMBERLAND RIVER BASIN LITTLE SOUTH FORK CUMBERLAND RIVER MILE 6.0 TO 4.0 MILE WAYNE & MCCREARY COUNTIES KENTUCKY			
DRAWN M. J. W. CHECKED J. L. C.	TRACES J. L. C.	SCALE DATE DRAWING NUMBER			



The Corps and other agencies are required to use the best available data for the preparation of this map. The Corps does not warrant the accuracy of the data or the results of the map. The Corps is not responsible for any errors or omissions in this map.



Vertical and horizontal scale 1 inch = 100 feet



Vertical interval 1 foot
 Horizontal interval 100 feet
 Mean sea level is used as datum
 on the ground surface. Elevation of 100 feet
 corresponds to mean sea level.



SCALE IN FEET
 INTERVAL: 1:1000
 0 100 200 300 400 500 600 700 800 900 1000
 METERS
 0 100 200 300 400 500 600 700 800 900 1000
 U.S. ARMY ENGINEER DISTRICT, LOUISVILLE
 CORPS OF ENGINEERS
 LOUISVILLE, KENTUCKY

2



TYPE: LAND COVER
MILLICAN ASSOCIATES
 Landscape Architects & Planners
 Louisville, Ky.



MILLER WHIRY LEE INC.
 Landscape Architects, Engineers, Planners
 Louisville Nashville Washington



COASTAL ZONE RESOURCE DIVISION
 OCEAN DATA SYSTEMS, INC.
 Wilmington, N.C.

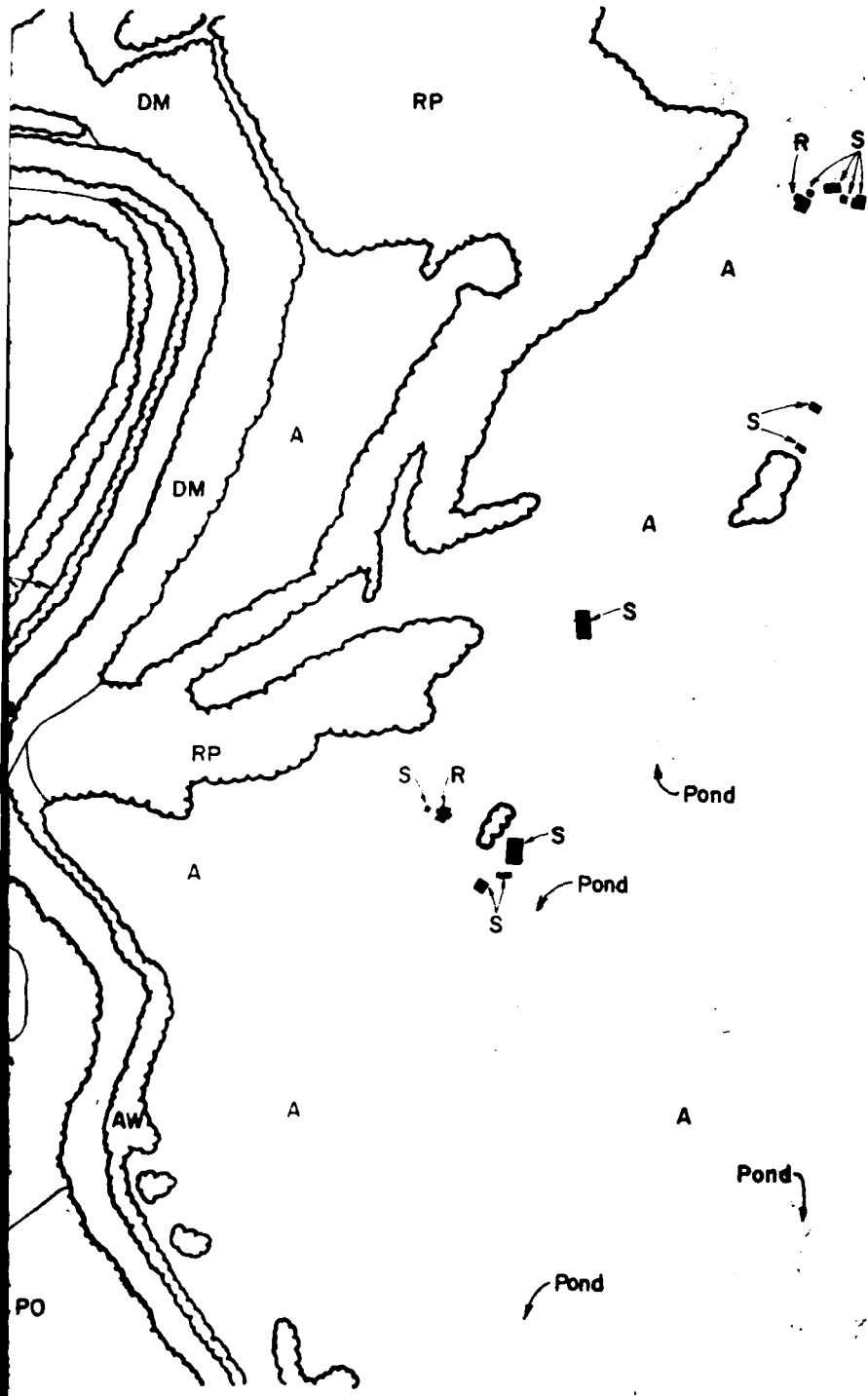
REVISION:	DATE:	DESCRIPTION:	BY:	APP'D:
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
CUMBERLAND RIVER BASIN LITTLE SOUTH FORK CUMBERLAND RIVER MILE 15.4 TO 13.3 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY				
DESIGNED:	J.L.C.			
DRAWN:	M.J.W.			
CHECKED:	J.L.C.			
TITLE:				
SCALE:				
DATE:				
DRAWING NUMBER				



1

The name of the project is: -----
The name of the project is: -----
The name of the project is: -----
The name of the project is: -----





MILICAN ASSOCIATES
Landscape Architects & Planners
Chouseville, Ky.

2

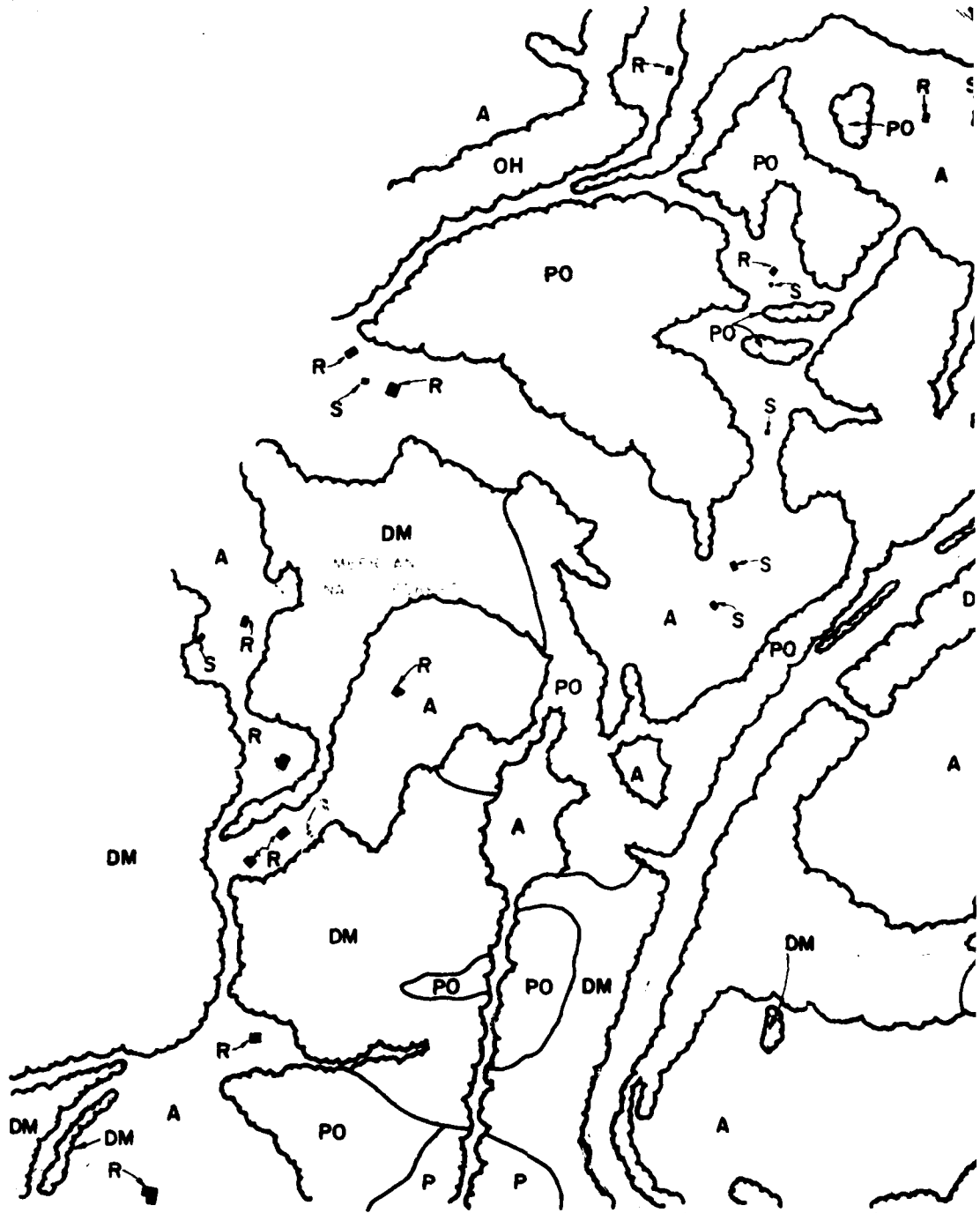


MILLER WHERRY LEE INC.
Landscape Architects, Engineers, Planners
Louisville, Nashville, Washington



COASTAL ZONE RESOURCES DIVISION
OCEAN DATA SYSTEMS, INC.
Wilmington, N.C.

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED:	JLC	CUMBERLAND RIVER BASIN		
DRAWN:	TRACED	LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED:	JLC	MILE 133 TO 121 MILE		
SUBMITTED:	JLC	WAYNE & MCCREARY COUNTIES, KENTUCKY		
SCALE:	DATE:	DRAWING NUMBER		



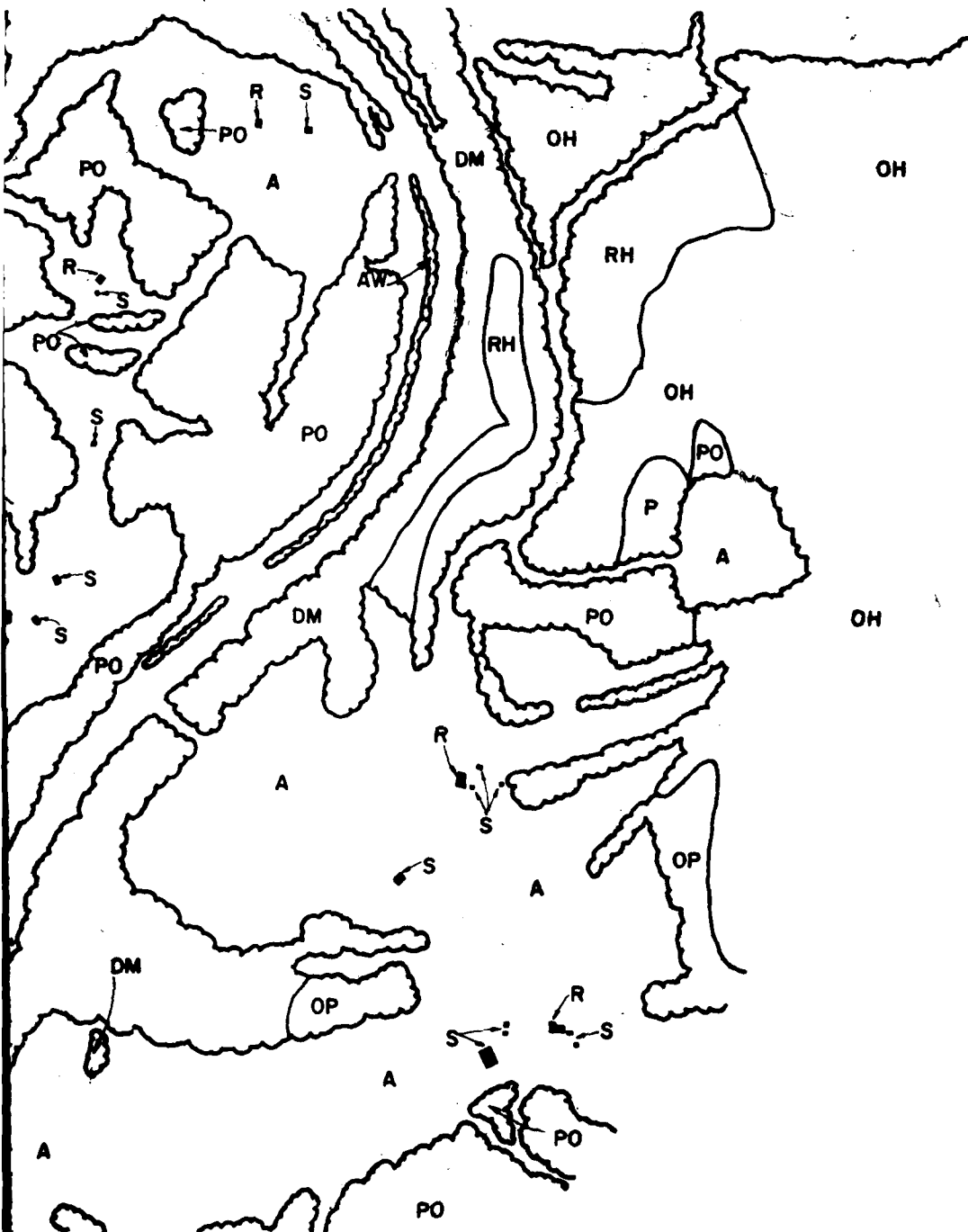
This contour and vertical interval was obtained by the method described by the International Hydrographic Office in its publication 'Hydrographic Surveying', Part I, Chapter I, Section 1. The horizontal scale is based on the photography. All measurements were made under the direction of the District Engineer, Louisiana District, Corps of Engineers, U. S. Army.



THE OFFICE AND THE BALANCE IN NORTH 101° 10' 10" W

SCALE IN FEET

CONTOUR INTERVAL: 5 FEET
VERTICAL INTERVAL: 10 FEET
MEAN SEA LEVEL: DATUM FOR CHARTS
AND NAVIGATION: DATUM FOR CHARTS
COORDINATE SYSTEM: WGS 84



IN FEET
 0 100 200 300 400 500
 SCALE: 1" = 1000'
 DATE: 10/1/88
 DRAWN BY: JLC

2

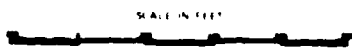
Source Credits Provided By:

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Louisville, Ky
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Landscape Architects, Engineers, Planners
Louisville, Nashville, Washington
- COASTAL ZONE RESOURCES DIVISION**
OCEAN DATA SYSTEMS, INC.
Wilmington, N.C.

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE Corps of Engineers Louisville, Kentucky				
CUMBERLAND RIVER BASIN LITTLE SOUTH FORK CUMBERLAND RIVER MILE 12.1 TO 11.2 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY				
DESIGNED BY	J.L.C.	DRAWING NUMBER		
DRAWN BY	M.J.W.	DATE		
CHECKED BY	J.L.C.	DRAWING NUMBER		
SCALE	DATE	DRAWING NUMBER		



1



1:50,000
VERTICAL DATUM: MEAN SEA LEVEL
HORIZONTAL DATUM: NAD 83
PROJECTION: UTM
SCALE: 1:50,000



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Landscape Architects & Planners
Louisville, Ky



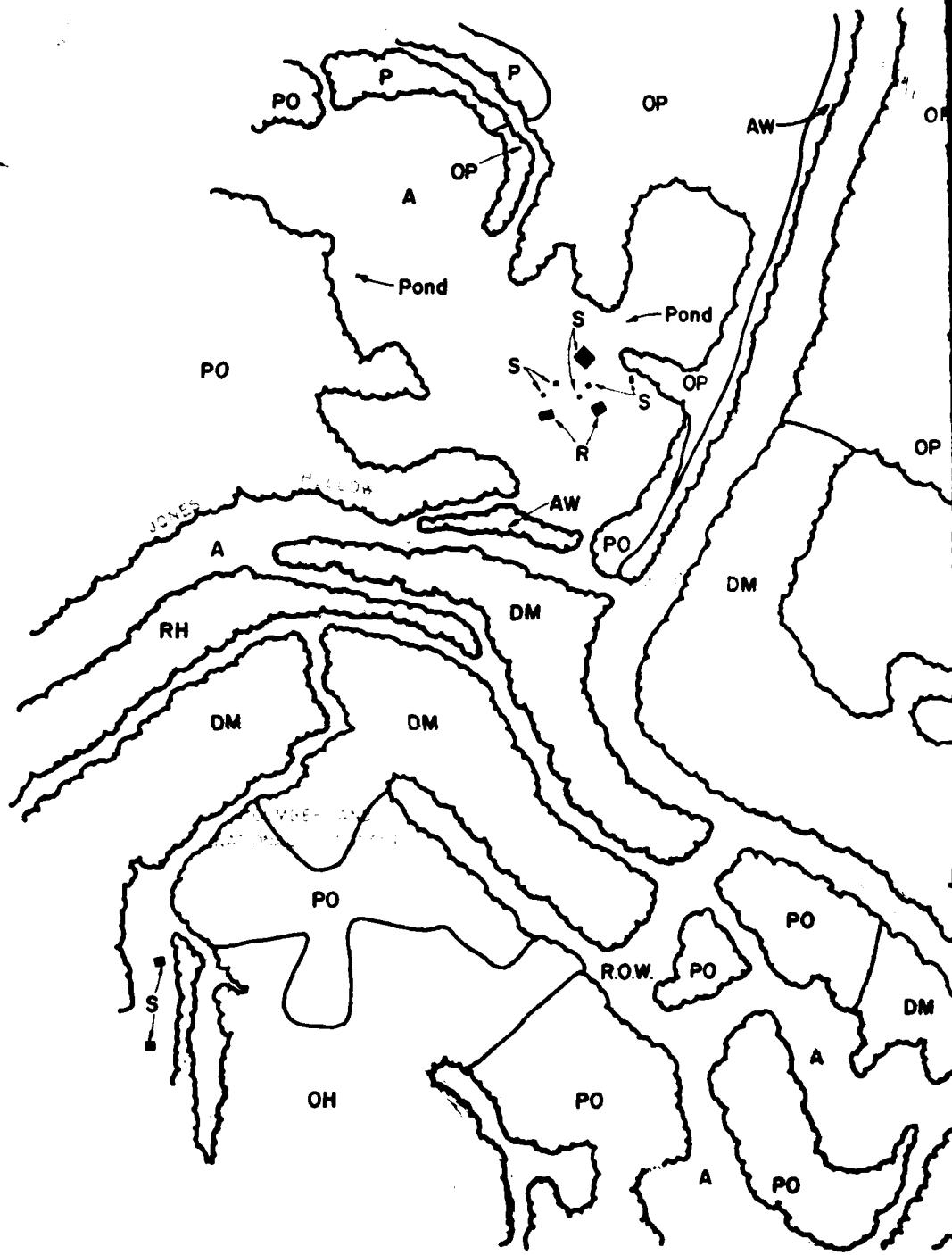
MILLER WHIRY LEE INC.
Landscape Architects, Engineers, Planners
Louisville, Nashville, Washington



COASTAL ZONE RESOURCES DIVISION
OCEAN DATA SYSTEMS, INC.
Wilmington, N.C.

2

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS HEADQUARTERS				
DESIGNED:		CUMBERLAND RIVER BASIN		
DRAWN:		LITTLE SOUTH FORK CUMBERLAND RIVER MILE 11.2 TO 9.7 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY		
CHECKED:				
SCALE:		DRAWING NUMBER		



The contour and other control data obtained by the methods employed by the Department of the Army are shown on this map. The horizontal scale is based on the datum of 1929. The vertical scale is based on the datum of 1929. The horizontal scale is based on the datum of 1929. The vertical scale is based on the datum of 1929.



CONTOUR INTERVAL: 5 FEET
 WITH SUPPLEMENTARY INTERVALS AT 25 FEET INTERVALS
 MEAN SEA LEVEL (M.S.L.) IS USED AS GENERAL DATUM
 THE THOUSAND FOOT LEVEL BENCH MARK IS AT 1000 FEET
 COORDINATE SYSTEM: NAD 83

1981 AND 1984 MAPS BY THE CORPS OF ENGINEERS



1:1000
 1" = 1000'
 1" = 1000'
 1" = 1000'



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 Louisville, Ky.



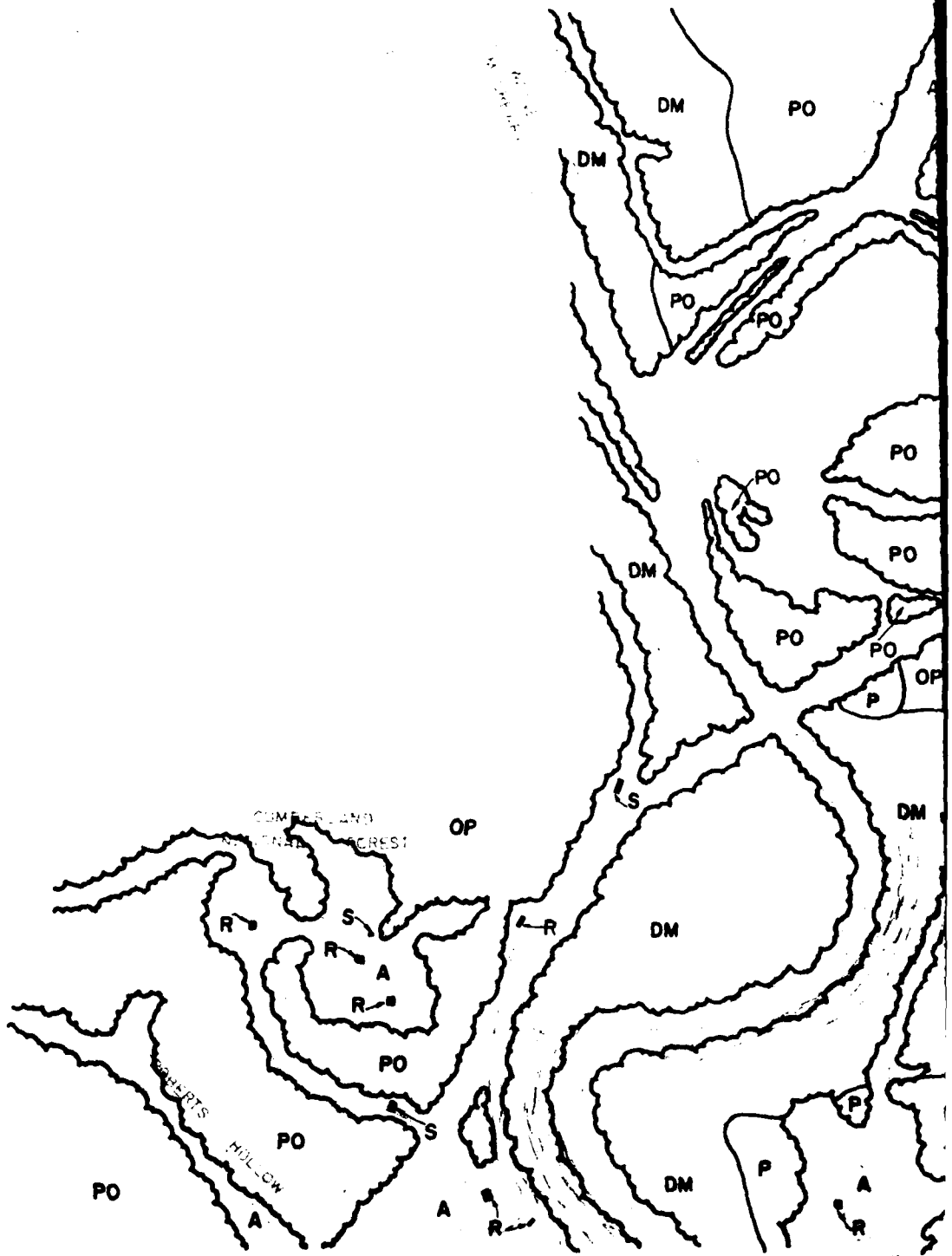
MILLER WHIRY LEE INC.
 Landscape Architects, Engineers, Planners
 Louisville, Nashville, Washington



COASTAL ZONE
 RESOURCE DIVISION
 OCEAN DATA SYSTEMS INC.
 Wilmington, N.C.

2

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
CUMBERLAND RIVER BASIN LITTLE SOUTH FORK CUMBERLAND RIVER MILE 9.7 TO 8.0 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY				
DESIGNED	J. L. C.	TRACES		
CHECKED	M. J. W.			
APPROVED	J. L. C.			
SCALE	DATE			
DRAWING NUMBER				



1

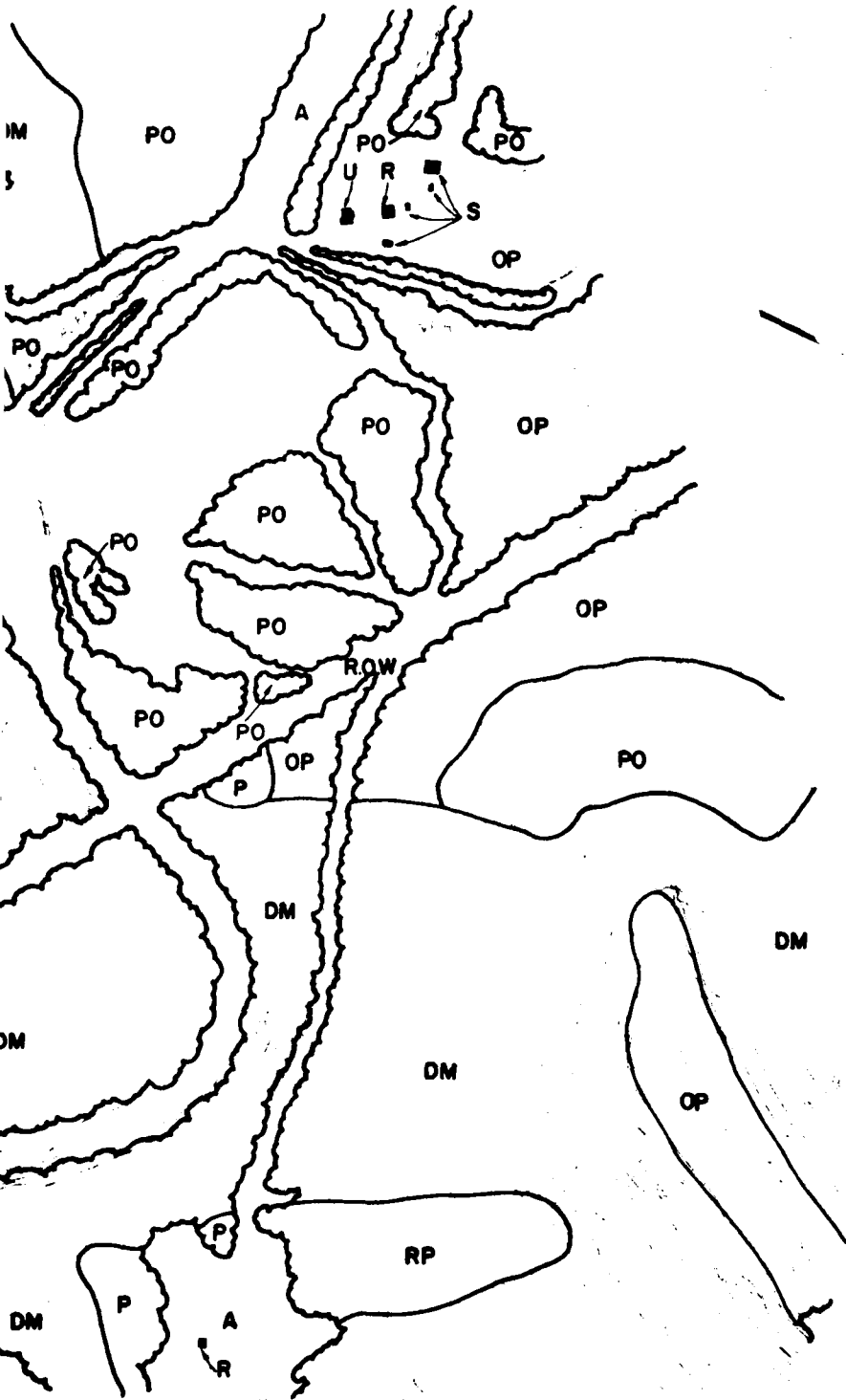
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SCALE IN FEET

CONTOUR INTERVAL - 10 FEET
 WITH BURN SWAMPY AREA AT 20 FOOT INTERVALS
 MEAN SEA LEVEL (MSL) IS USED FOR ALL ELEVATIONS
 ONE THOUSAND FOOT GRID BASED ON EARTHQUAKE TIME
 COORDINATE SYSTEM (NAD 83)

THE CORPS OF ENGINEERS, U.S. ARMY
 WASHINGTON, D.C. 20315



Topic Oriented Project By



MILICAN ASSOCIATES
Landscape Architects & Planners
Louisville Ky



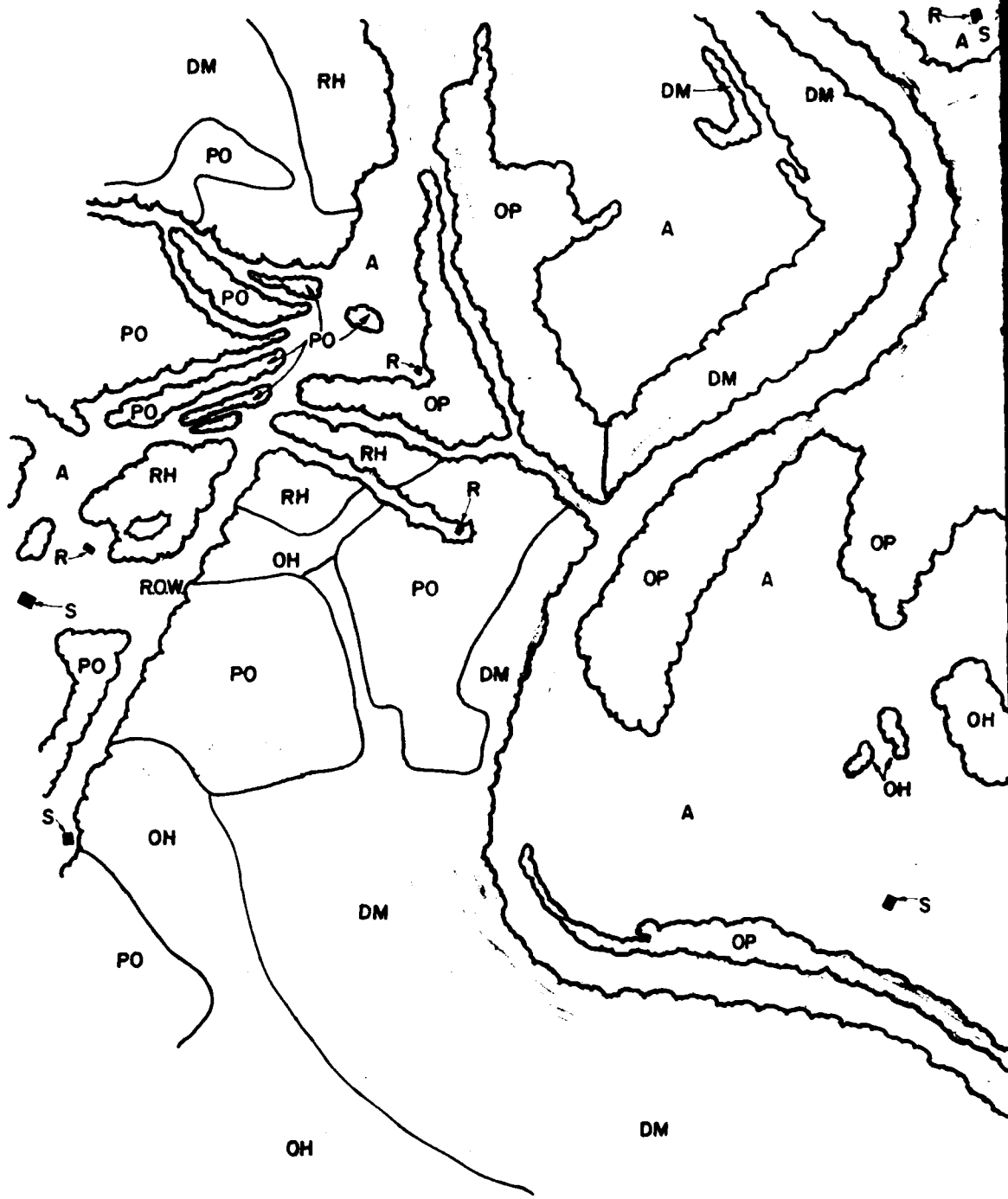
MILLER: WHIRLY LEE INC.
Landscape Architects Engineers Planners
Louisville Nashville Washington



COASTAL ZONE RESOURCES DIVISION
OCEAN DATA SYSTEMS, INC
Wilmington, N.C.

2

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
CUMBERLAND RIVER BASIN				
LITTLE SOUTH FORK CUMBERLAND RIVER				
MILE 60 TO 72 MILE				
WAYNE & MCCREARY COUNTIES, KENTUCKY				
DESIGNED: J.L.C.		DATE:		
DRAWN: M.J.W.		DRAWING NUMBER:		
CHECKED: J.L.C.		SCALE:		
SUBMITTED:		BY:		
SCALE:		DATE:		
DRAWING NUMBER:		DATE:		



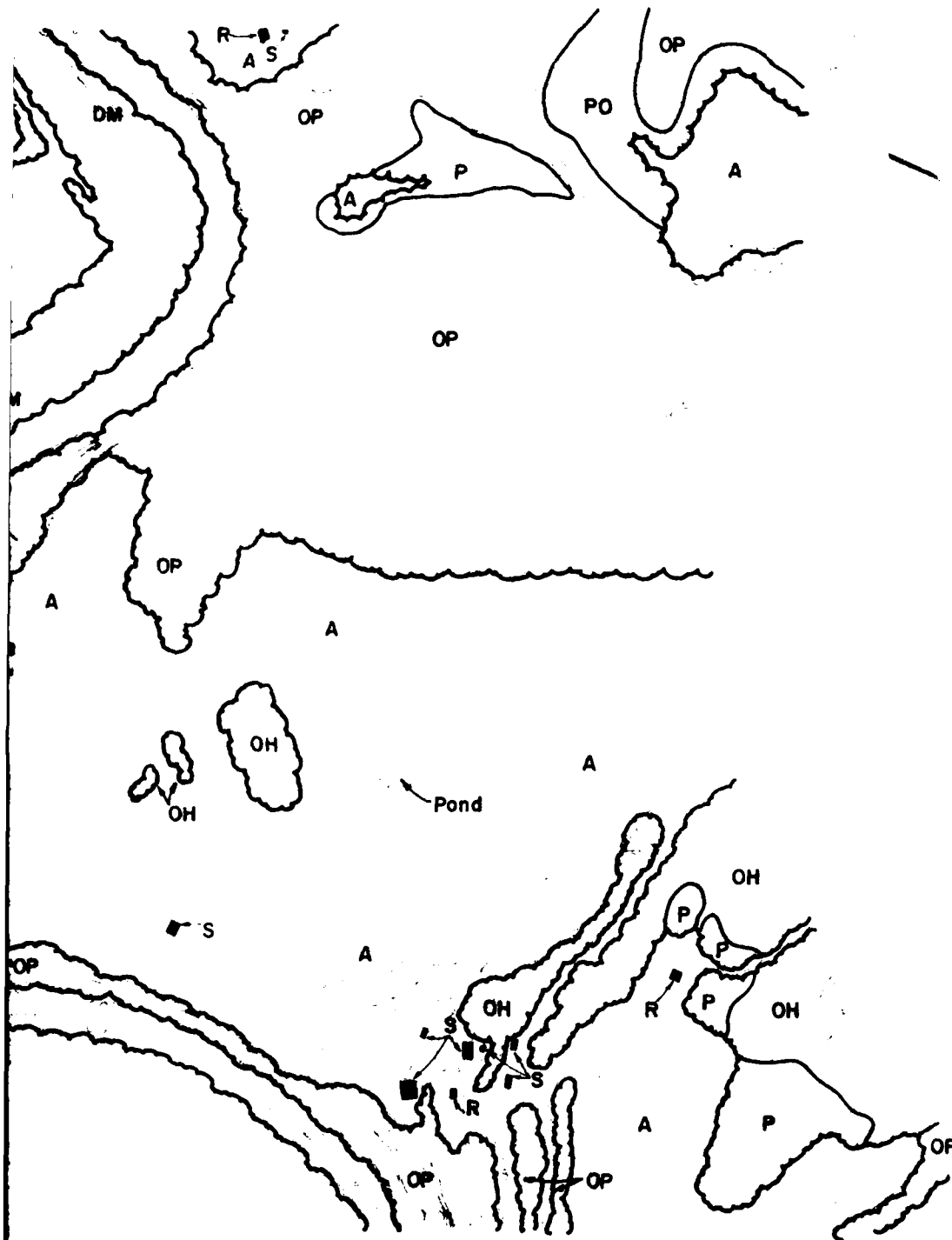
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The horizontal and vertical control used in this project is based on the National Geodetic Survey datum of 1983. The horizontal coordinates are in feet. The vertical coordinates are in feet above mean sea level. All measurements were taken under the supervision of the District Engineer, U.S. Army Corps of Engineers, U.S.A.



VERTICAL INTERVAL: 5 FEET
WITH SUPPLEMENTARY INTERVALS AT 2.5 FEET INTERVALS
MEAN SEA LEVEL DATUM (1983) (GENERAL ADJUSTMENT)
ONLY HORIZONTAL POINTS ARE BASED TO THE DATUM PLANE
APPROXIMATE SYSTEM: NAD 83

U.S. ARMY CORPS OF ENGINEERS
WASHINGTON, D.C. 20315



Map or Overlay Prepared By
MILICAN ASSOCIATES
 Landscape Architects & Planners
 Louisville, Ky



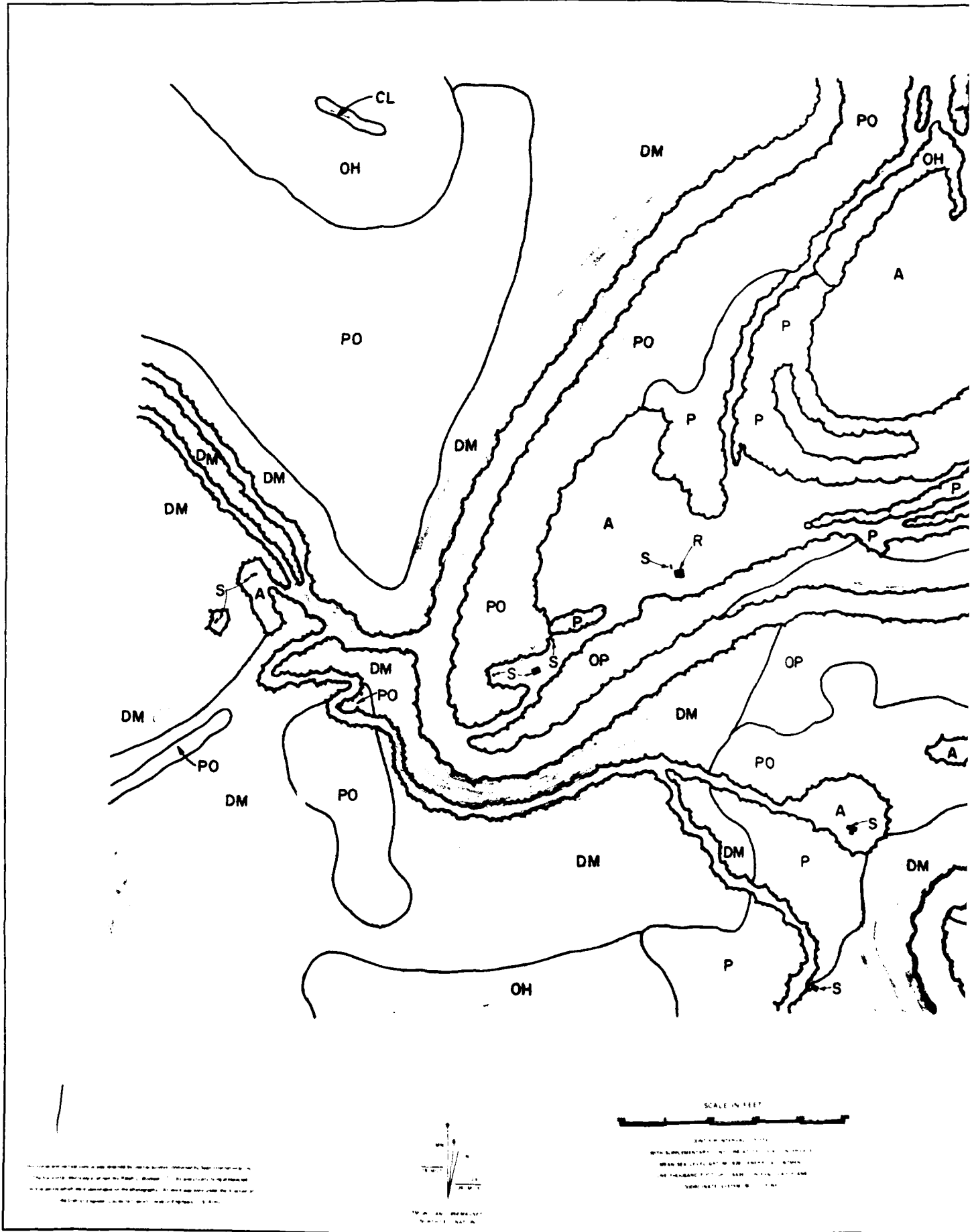
MILLER, WHIRY, LEE INC.
 Landscape Architects Engineers Planners
 Louisville Nashville Washington

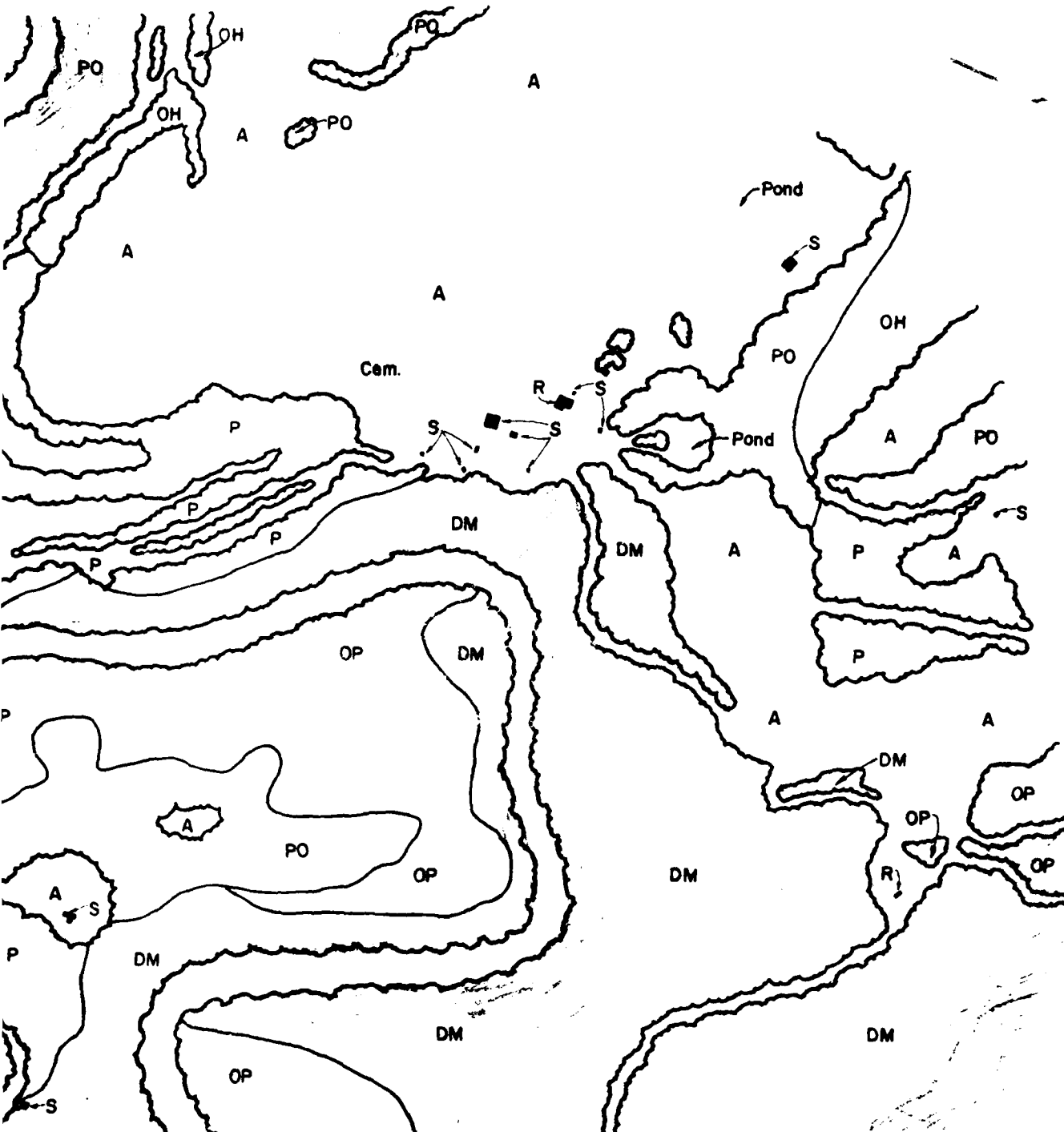


**COASTAL ZONE
 RESOURCES DIVISION**
 OCEAN DATA SYSTEMS, INC.
 Wilmington, N.C.

2

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS MISSOURI, KENTUCKY				
DESIGNER: J. L. C.		CUMBERLAND RIVER BASIN LITTLE SOUTH FORK CUMBERLAND RIVER MILE 72 TO 60 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY		
DRAWN: M. J. W.		CHECKED: J. L. C.		
PREPARED BY: J. L. C.		SCALE:		
DATE:		DRAWING NUMBER:		





MILLICAN ASSOCIATES
Landscape Architects & Planners
Louisville Ky.

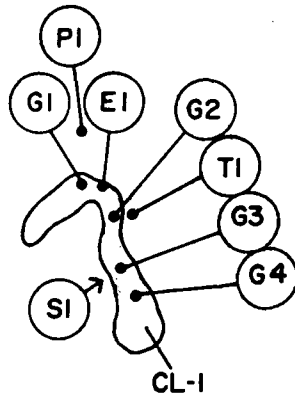


MILLER WHIRY LEE INC.
Landscape Architects, Engineers, Planners
Louisville, Nashville, Washington

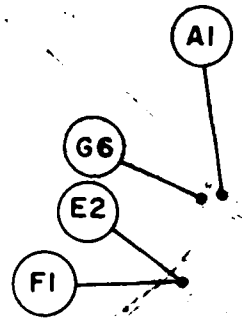


COASTAL ZONE REOURCES DIVISION
OCEAN DATA SYSTEMS INC.
Wilmington N.C.

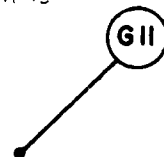
REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED	J. L. C.	CUMBERLAND RIVER BASIN		
DRAWN	M. J. W.	LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED	J. L. C.	MILE 6.0 TO 4.0 MILE		
SUBMITTED	J. L. C.	WAYNE & MCCREARY COUNTIES KENTUCKY		
SCALE	1" = 1 MILE	DRAWING NUMBER		



MOORE FAY
WAYNE



SLOPPAS



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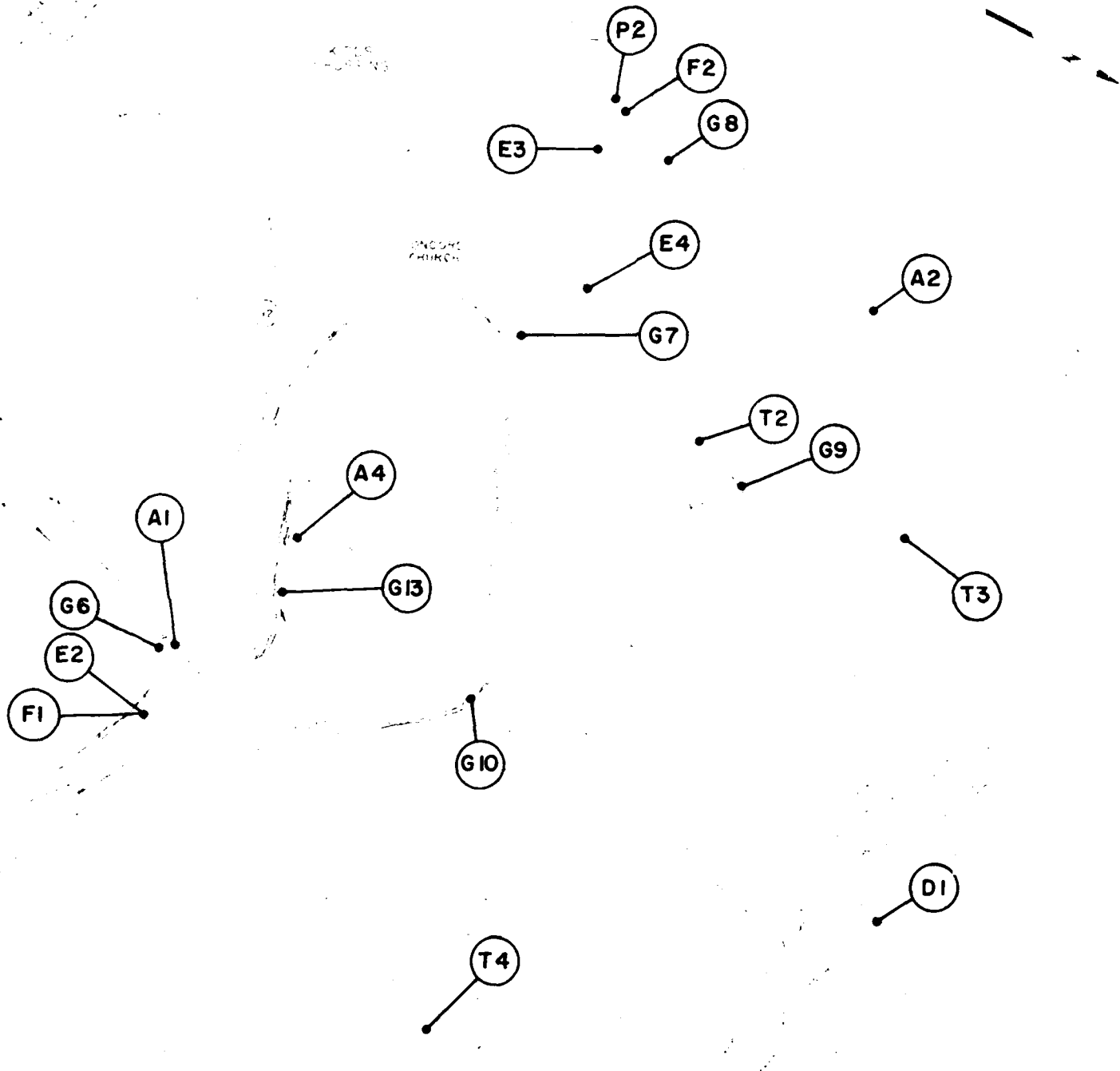


1:25,000 AND 1:50,000
NORTH ARROW

SCALE IN FEET



CONTOUR INTERVAL 5 FEET
WITH SUPPLEMENTARY CONTOURS AT 2.5 FOOT INTERVALS
MEAN SEA LEVEL DATUM 1929 GENERAL ADJUSTMENT
ONE THOUSAND FOOT GRID BASED ON AVERAGE PLANE
COORDINATE SYSTEM SOUTH ZONE



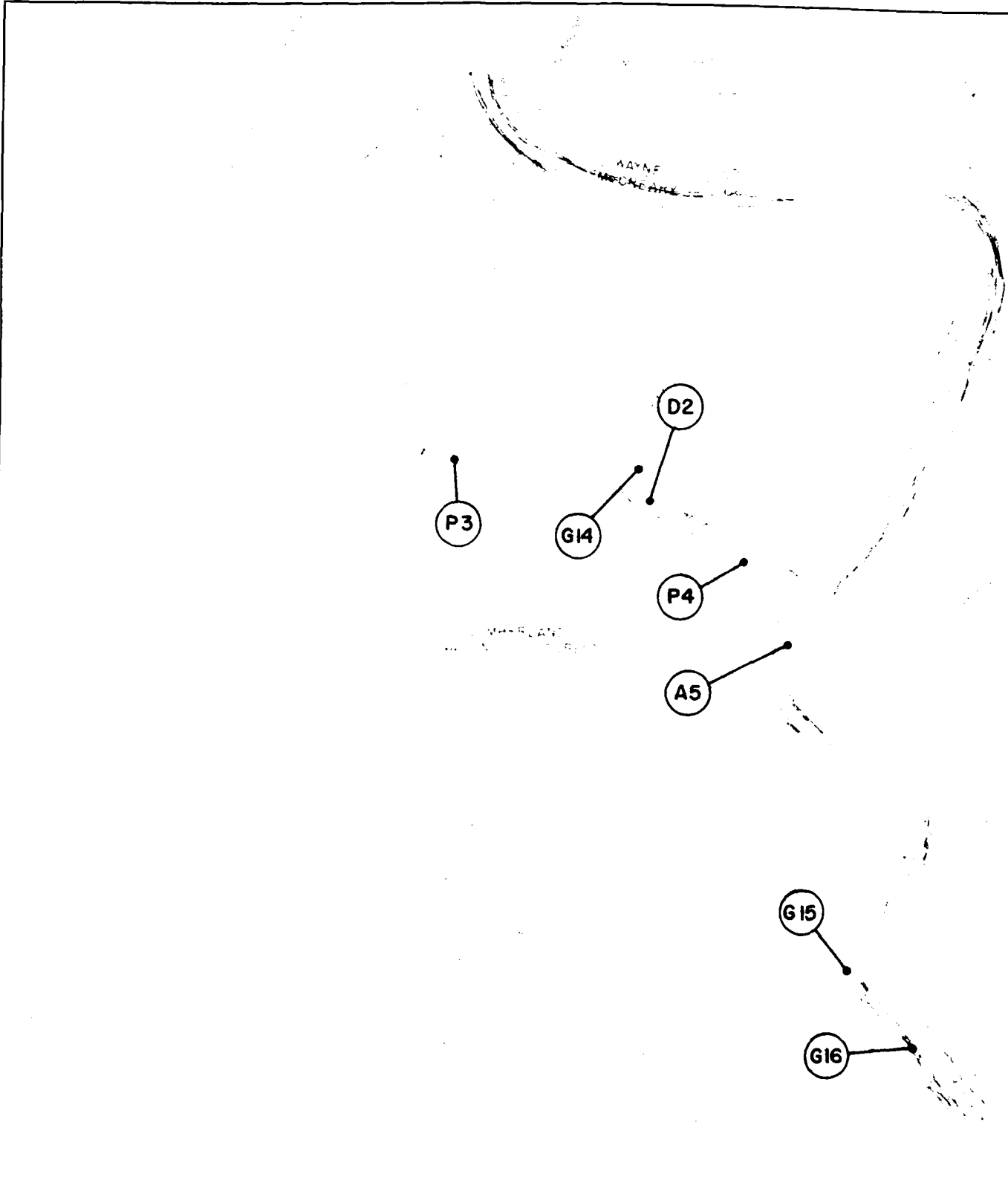
Some Overlays Provided By:

MA MILLICAN ASSOCIATES
Landscape Architects & Planners
Louisville Ky

M MILLER WHIRRY LEE INC.
Landscape Architects Engineers Planners
Louisville Nashville Washington

CZ COASTAL ZONE
RESOURCES DIVISION
OCEAN DATA BY ITEMS INC
Wilmington N.C.

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE DISTRICT				
DESIGNED:		CUMBERLAND RIVER BASIN		
DRAWN:	SCALE:	LITTLE SOUTH FORK CUMBERLAND RIVER MILE 15.4 TO 13.3 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY		
CHECKED:	J.L.C.			
SCALE:	DATE:	DRAWING NUMBER		



1

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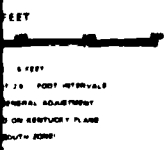
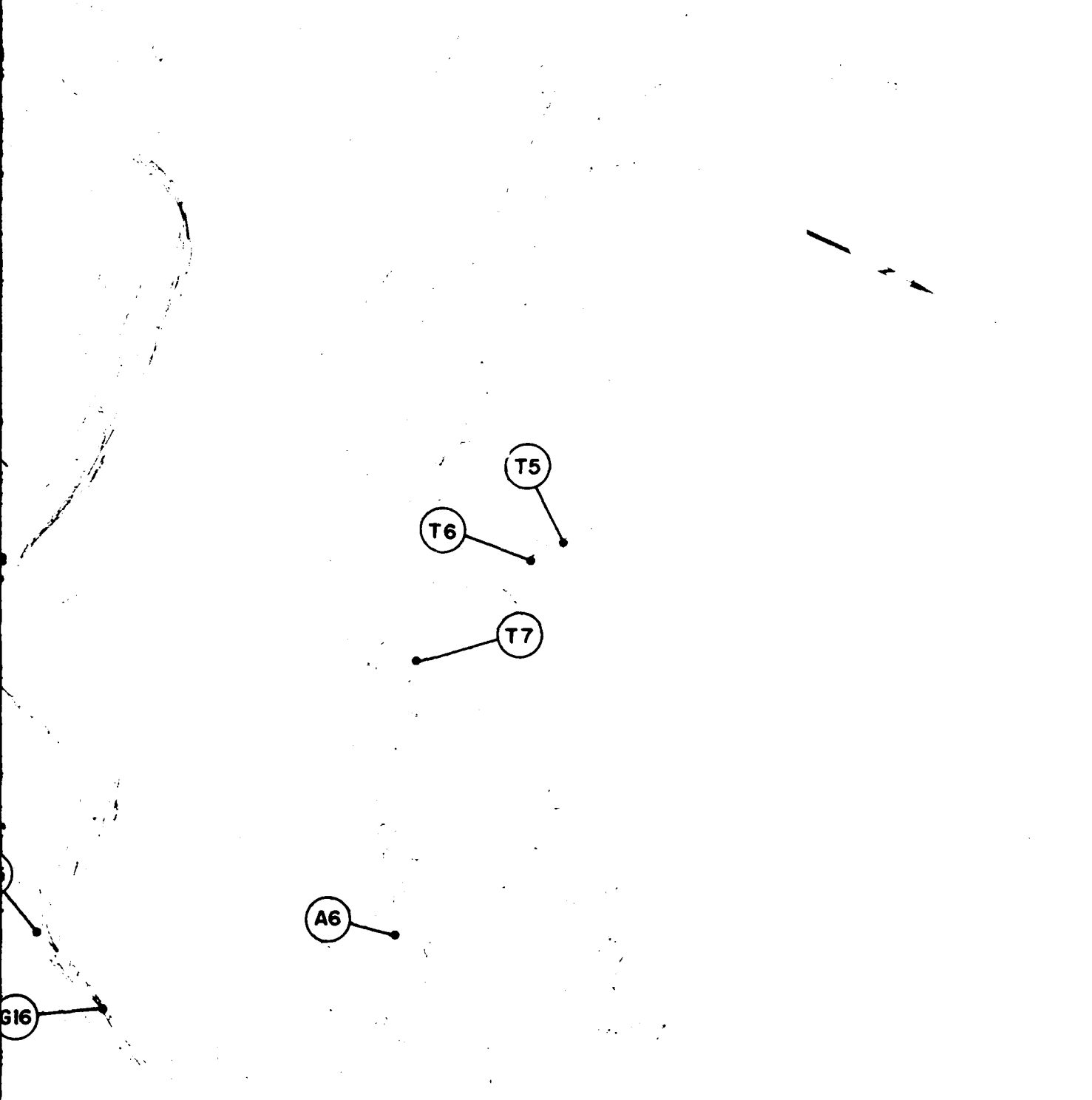


SCALE IN FEET



COUNTY INTERVAL: 5 FEET
 WITH BUMP INTERVALS CONTAINED AT 25 FOOT INTERVALS
 MEAN SEA LEVEL DATUM IS IN GENERAL ADJUSTMENT
 ONE THOUSAND FOOT UIC BASED ON 1955 U.S. PLANE
 COORDINATE SYSTEM SOUTH ZONE

FORM NO. 1 (REV. 10-66) (11-66)
 GPO: 1966 O - 348-100



A6

T5
T6
T7

G16

Special Features Prepared By:



MILICAN ASSOCIATES
Landscape Architects & Planners
Louisville Ky



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Landscape Architects, Engineers, Planners
Louisville Nashville Washington

2



**COASTAL ZONE
RESOURCES DIVISION**
OCEAN DATA SYSTEMS, INC
Wilmington N.C.

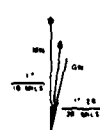
DIVISION	DATE	DESCRIPTION	BY	APP'D.
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED: J. L. C.		CUMBERLAND RIVER BASIN		
DRAWN: M. J. W.		LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED: J. L. C.		MILE 13.3 TO 12.1 MILE		
SURVEYED:		WAYNE & MCCREARY COUNTIES, KENTUCKY		
SCALE:	DATE:	DRAWING NUMBER		

CUMBERLAND
NATIONAL FOREST

WI

A7

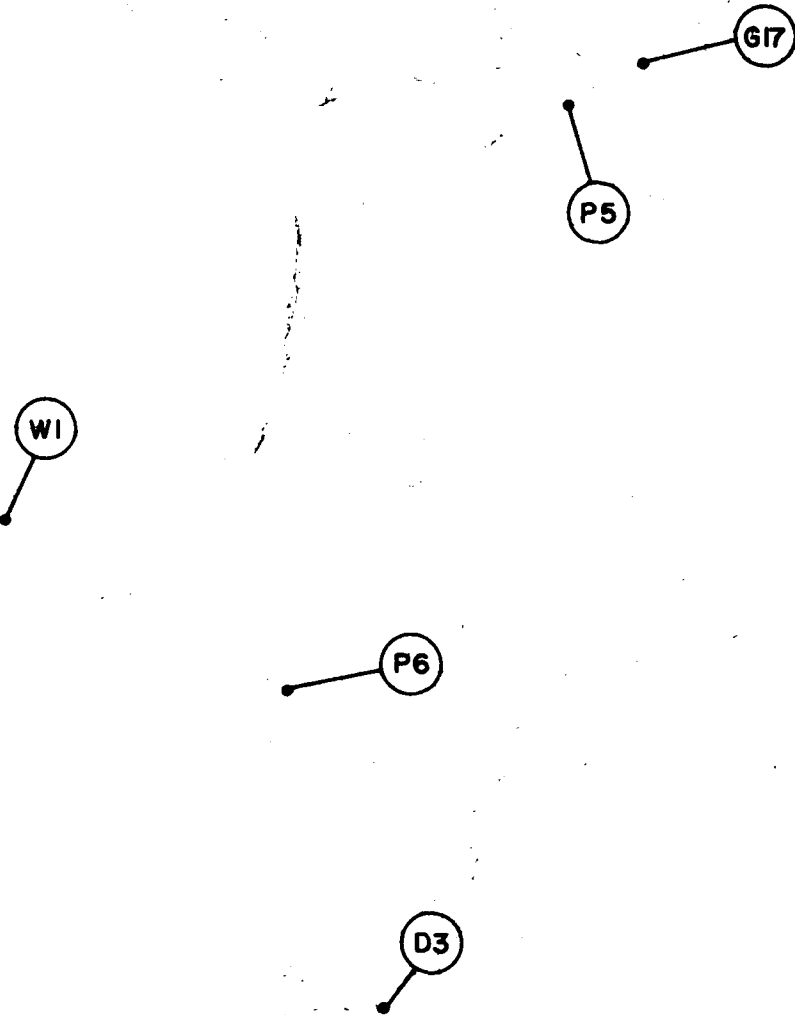
This map and service reference are prepared by the Air Service, United States Department of the Interior.
The topographic information is derived from the photography of the Air Service, United States Department of the Interior.
The contour interval is 10 feet. All spot heights are in feet above sea level.
By Order of Engineer, Louisville District, Corps of Engineers, U. S. Army.



UTM GRID AND TRUE MAGNETIC
NORTH DECLINATION



SCALE IN FEET
CONTOUR INTERVAL: 10 FEET
WITH SUPPLEMENTARY CONTOURS AT 2.5 FEET INTERVALS
MEAN SEA LEVEL DATUM: 1985 GEODETIC EPOCH
ONE INCH EQUALS ONE MILE
COORDINATE SYSTEM: NAD 83



7

SCALE
1" = 1000'
CO
CO

SCALE IN FEET
0 100 200 300 400 500
INTERVAL: 5 FEET
TYPED AT 10 FEET INTERVALS
FOR GENERAL ADAPTATION
NOT BASED ON SURFACE PLANS
DATE: 08/14/88

2

Special Overlay Prepared By:



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Landscape Architects & Planners
Louisville, Ky



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Landscape Architects, Engineers, Planners
Louisville, Nashville, Washington



**COASTAL ZONE
RESOURCES DIVISION**
OCEAN DATA SYSTEMS, INC.
Wilmington, N.C.

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE ENGINEER DISTRICT OFFICE LOUISVILLE, KENTUCKY				
DESIGNER	J.L.C.	CUMBERLAND RIVER BASIN		
ISSUED	M. J. W.	LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED	J.L.C.	MILE 12.1 TO 11.2 MILE		
SCALE	DATE	DRAWING NUMBER		

T8

P7

A8

CL-2

SF-1

SCALE 1:1000

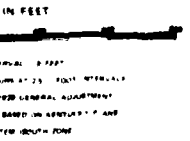
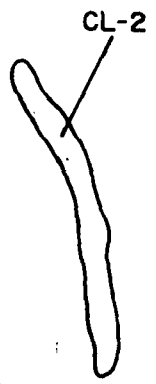


THE NORTH AND SOUTH POINTS
SHOWN ON THIS MAP ARE
MAGNETIC

1

THE DISTANCE BETWEEN THE POINTS SHOWN ON THIS MAP IS NOT TO BE CONSIDERED AS A BASIS FOR ANY CLAIM OF TITLE OR INTEREST IN LAND OR WATER OR OTHER RIGHTS OR PRIVILEGES. THE DISTANCE BETWEEN THE POINTS SHOWN ON THIS MAP IS NOT TO BE CONSIDERED AS A BASIS FOR ANY CLAIM OF TITLE OR INTEREST IN LAND OR WATER OR OTHER RIGHTS OR PRIVILEGES.

THE DISTANCE BETWEEN THE POINTS SHOWN ON THIS MAP IS NOT TO BE CONSIDERED AS A BASIS FOR ANY CLAIM OF TITLE OR INTEREST IN LAND OR WATER OR OTHER RIGHTS OR PRIVILEGES. THE DISTANCE BETWEEN THE POINTS SHOWN ON THIS MAP IS NOT TO BE CONSIDERED AS A BASIS FOR ANY CLAIM OF TITLE OR INTEREST IN LAND OR WATER OR OTHER RIGHTS OR PRIVILEGES.



MILICAN ASSOCIATES
Landscape Architects & Planners
Louisville, Ky

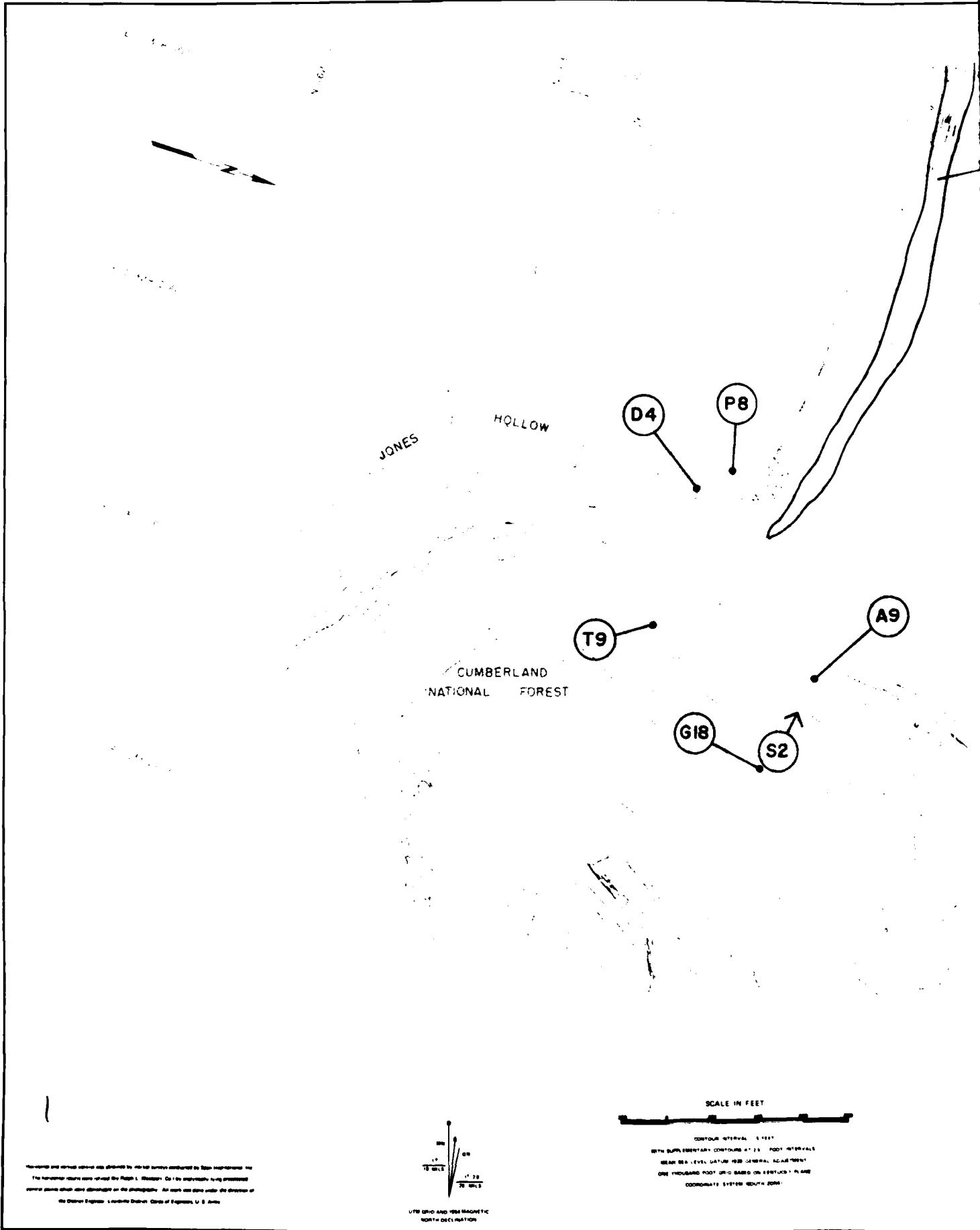


MILLER WIRRY LEE INC.
Landscape Architects Engineers Planners
Louisville Nashville Washington



COASTAL ZONE RESOURCES DIVISION
OCEAN DATA SYSTEMS, INC.
Wilmington N.C.

REVISION		DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE DISTRICT					
DESIGNED:		CUMBERLAND RIVER BASIN			
DRAWN:		LITTLE SOUTH FORK CUMBERLAND RIVER MILE 11.2 TO 9.7 MILE WAYNE & MCCREARY COUNTIES, KENTUCKY			
CHECKED:					
SUBMITTED:					
SCALE:		DRAWING NUMBER			



JONES HOLLOW
 CUMBERLAND NATIONAL FOREST

D4 P8
 T9 A9
 G18 S2

SCALE IN FEET

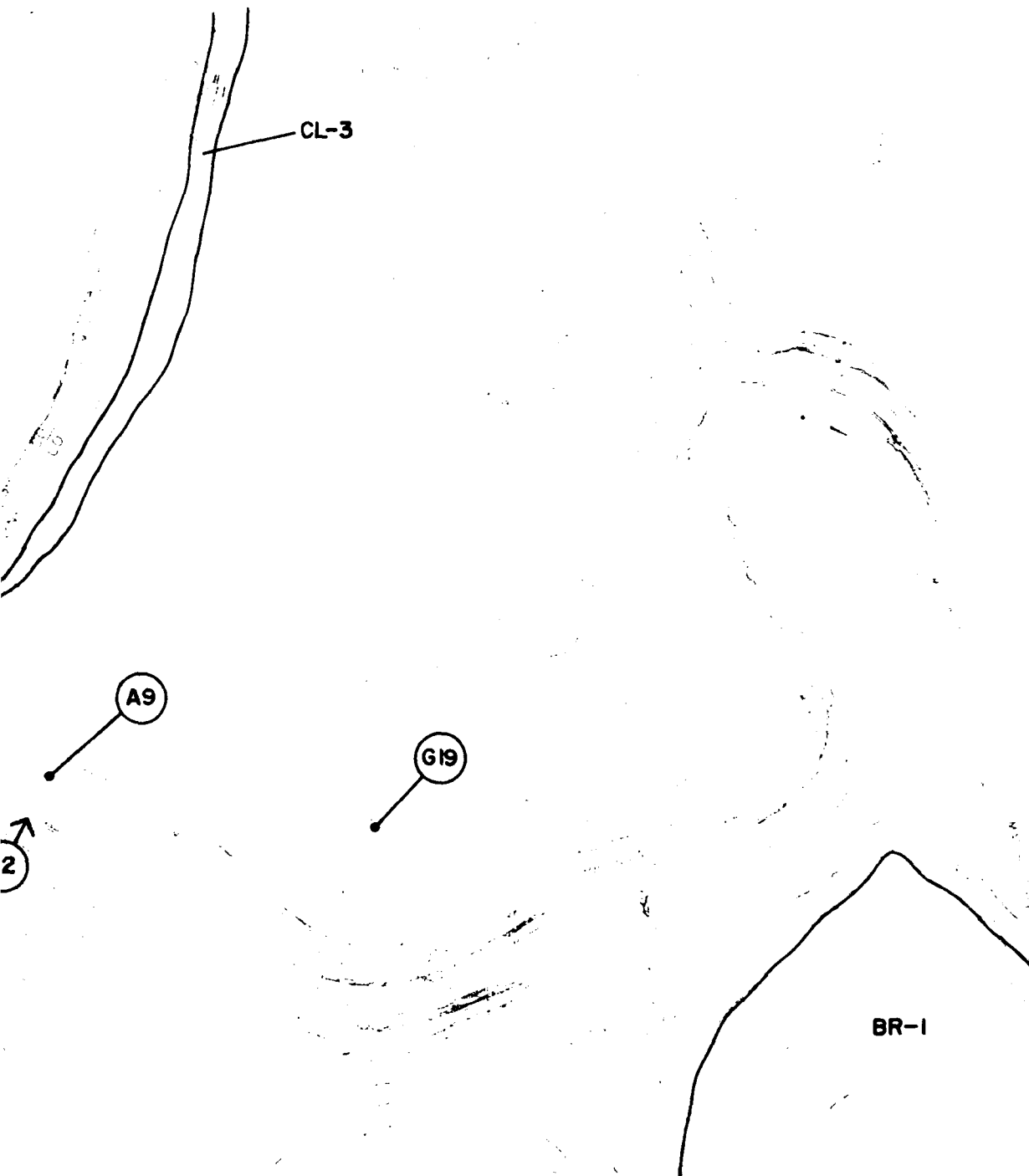


CONTOUR INTERVAL 5 FEET
 WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS
 MEAN SEA LEVEL DATUM 1929 GENERAL ADJUSTMENT
 ONE THOUSAND FOOT GRID BASED ON HORIZONTAL PLANE
 COORDINATE SYSTEM (GCS) ZONE 1



UTM GRID AND 1983 MAGNETIC NORTH DECLINATION

Photograph and vertical control data obtained by helicopter surveys conducted by Slick Incorporated, Inc.
 The horizontal control was derived from the Range 1 (R-1) Control. Control points were established by ground
 control points which were distributed on the photography. All work was done under the direction of
 the District Engineer, Louisville District, Corps of Engineers, U. S. Army.



Topical Owners Provided By:



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Landscape Architects & Planners
Louisville, Ky



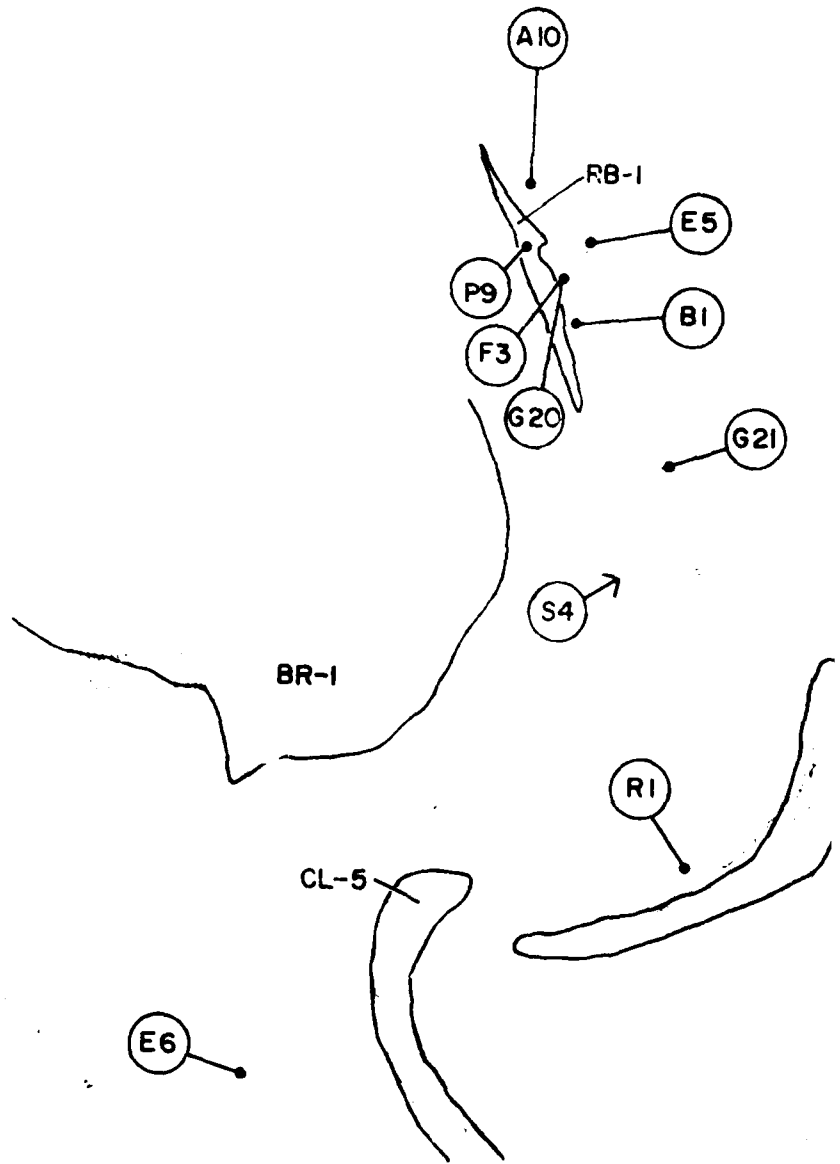
MILLER/WHERRY/LEE INC.
Landscape Architects, Engineers, Planners
Louisville, Nashville, Washington



**COASTAL ZONE
RESOURCES DIVISION**
OCEAN DATA SYSTEMS, INC
Wilmington, N.C

2

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED:	J. L. C.	CUMBERLAND RIVER BASIN		
DRAWN:	M. J. W.	LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED:	J. L. C.	MILE 97 TO 80 MILE		
SUBMITTED:		WAYNE & MCCREARY COUNTIES, KENTUCKY		
SCALE:		DATE:	DRAWING NUMBER:	



1

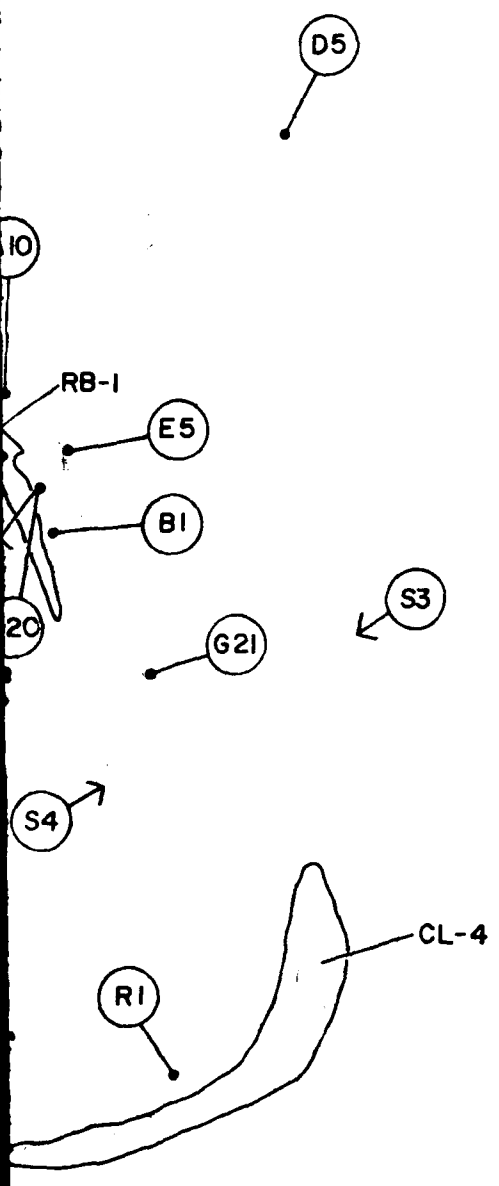
1. This drawing is a plan view of the structure shown in the title and is not to scale. It is intended to show the general location of the structure and its relationship to the surrounding terrain. It is not intended to show the exact dimensions of the structure or the terrain.



SCALE 1:1000

A horizontal scale bar with a black and white alternating pattern, used for measuring distances on the drawing.

1. This drawing is a plan view of the structure shown in the title and is not to scale. It is intended to show the general location of the structure and its relationship to the surrounding terrain. It is not intended to show the exact dimensions of the structure or the terrain.



MILICAN ASSOCIATES
Landscape Architects & Planners
Louisville, KY



MILLER WINRY LEE INC
Landscape Architects, Engineers, Planners
Louisville, Nashville, Washington



**COASTAL ZONE
RESOURCES DIVISION**
OCEAN DATA SYSTEMS, INC.
Wilmington, NC

2

REVISION	DATE	DESCRIPTION
U S ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE DISTRICT		
MIDDLE AN HULL BASIN LITTLE SOUTH FORK CUMBERLAND RIVER MILE 60 TO 72 MILE ALL IN M. DEPT. DIST. RENT. S. DATE		
DRAWING NUMBER		

W2

ROBERTS

HOLLOW

CUMBERLAND
NATIONAL FOREST

BR-2

CL-7

SCALE IN FEET

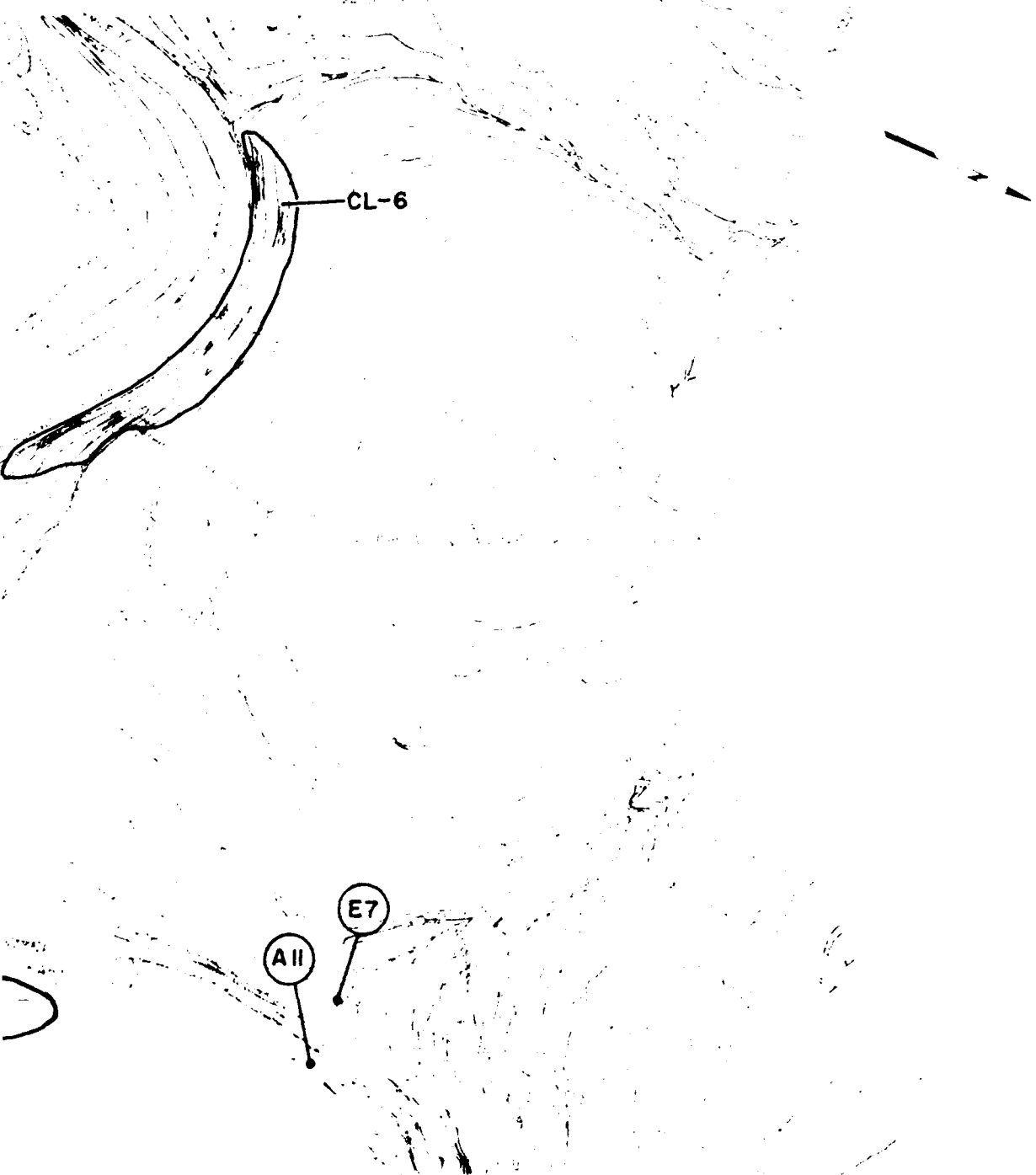


CONTOUR INTERVAL: 5 FEET
WITH SUPPLEMENTARY CONTOURS AT 10 FOOT INTERVALS
MEAN SEA LEVEL DATUM: 1985 FEDERAL ADJUSTMENT
ONE THOUSAND FOOT GRID BASED ON HORIZONTAL PLANE
COORDINATE SYSTEM: NAD 83



This report and all data herein were prepared by and for the project conducted by the Corps of Engineers, U.S. Army.
The data were obtained from the Robert L. Roberts Co. by the project engineer in the field.
The data were checked and approved by the project engineer, U.S. Army Corps of Engineers, U.S. Army.

THE U.S. AND THE GEOGRAPHIC
NORTH ARE INDICATED



Map is Direct Prepared By
MILICAN ASSOCIATES
 Landscape Architects & Planners
 Louisville, Ky

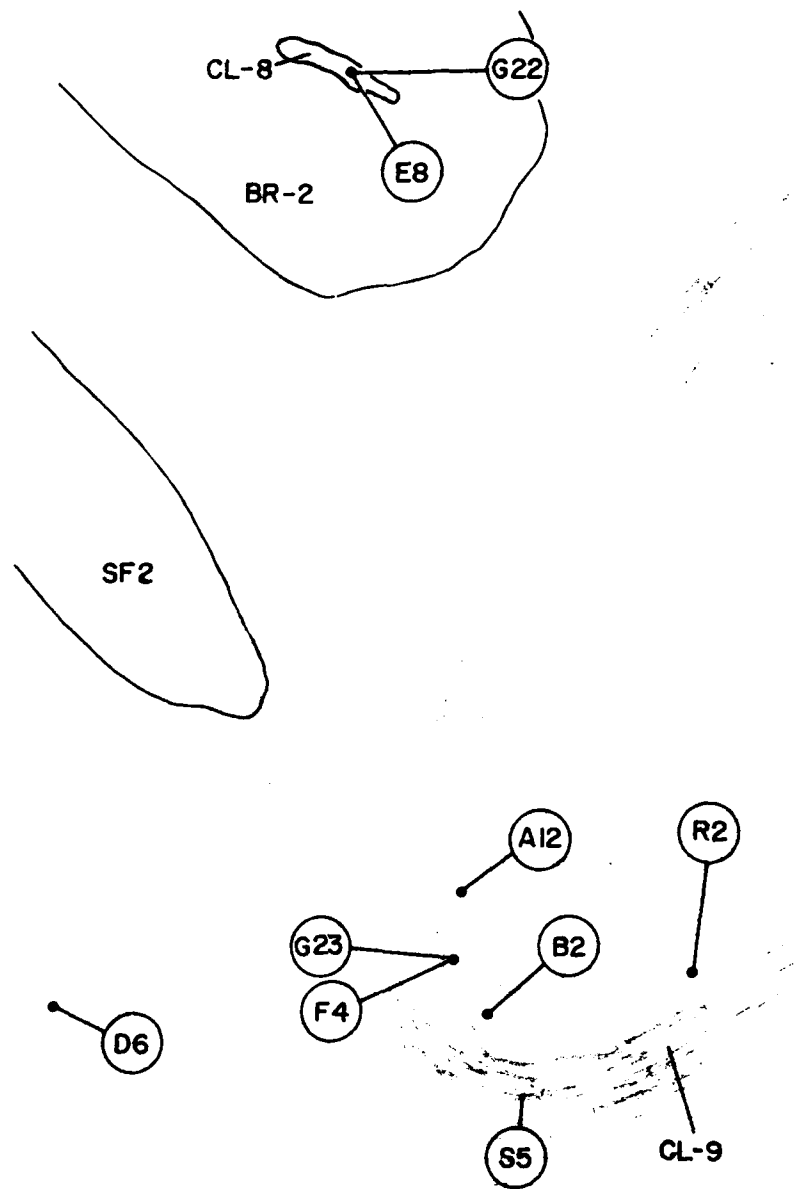


MILLER-WIHRY LEE INC.
 Landscape Architects, Engineers, Planners
 Louisville, Nashville, Washington



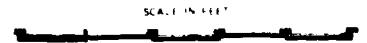
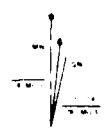
**COASTAL ZONE
 RESOURCES DIVISION**
 OCEAN DATA SYSTEMS, INC.
 Wilmington, N.C.

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE <small>GROUP OF ENGINEERS LOUISVILLE, KENTUCKY</small>				
DESIGNER: J L C		CUMBERLAND RIVER BASIN		
DRAWN: M J W		LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED: J L C		MILE 72 TO 60 MILE		
SCALE:		WAYNE & MCCREARY COUNTIES, KENTUCKY		
DATE:		DRAWING NUMBER		



1

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VERTICAL DISTANCE: 1:1000
WITH SUPPLEMENTARY DATA: 1:1000
HORIZONTAL DISTANCE: 1:1000
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED
CONFORM TO THE U.S. STANDARD

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IN FEET
 0 10 20 30 40 50 60 70 80 90 100
 EQUAL 1/8" FEET
 THIS GENERAL ADAPTATION
 IS BASED ON KENTUCKY PLANS
 1720 SOUTH 1000



MILLICAN ASSOCIATES
 Landscape Architects & Planners
 Louisville, Ky.



MILLER WHIRY LEE INC.
 Landscape Architects, Engineers, Planners
 Louisville, Nashville, Washington



COASTAL ZONE RESOURCES DIVISION
 OCEAN DATA SYSTEMS INC.
 Wilmington, N.C.

2

REVISION	DATE	DESCRIPTION	BY	APP'D
U. S. ARMY ENGINEER DISTRICT, LOUISVILLE CORPS OF ENGINEERS LOUISVILLE, KENTUCKY				
DESIGNED:	J. L. C.	CUMBERLAND RIVER BASIN		
DRAWN:	M. J. R.	LITTLE SOUTH FORK CUMBERLAND RIVER		
CHECKED:	J. L. C.	MILE 6.0 TO 4.0 MILE		
SUBMITTED:		WAYNE & MCCREARY COUNTIES, KENTUCKY		
SCALE:		DATE:		
		DRAWING NUMBER		

END

DATE
FILMED

4-82

DTIC