

Selected Portions of the United States Army Corp of Engineers Sign Standards Manual

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This document is available as publication EP 310-1-6A and EP 310-1-6B (two volumes) and is available at no cost. Contact the USACE via its web site (see section VI.B) to request these documents. Make sure to request all updates when ordering this document, as there have been several updates to the manual.

(Note: Numbers/letters in parentheses indicate the original section in the USACE manual)

This section of the manual contains high quality reproduction art for Corps recreation symbols, prohibition symbols, and other graphics placed on signs. Below are some notes to remember when fabricating signs from this artwork.

- Reproduce this art for signs using a distortion-free photo-mechanical process. Do not re-size the art by hand.
- Enlarge or reduce symbols with borders as a complete unit. Do not change the configuration of the graphic or reassemble as parts.
- To maintain edge sharpness and clarity of detail, use only original first generation artwork provided for reproduction in this section.



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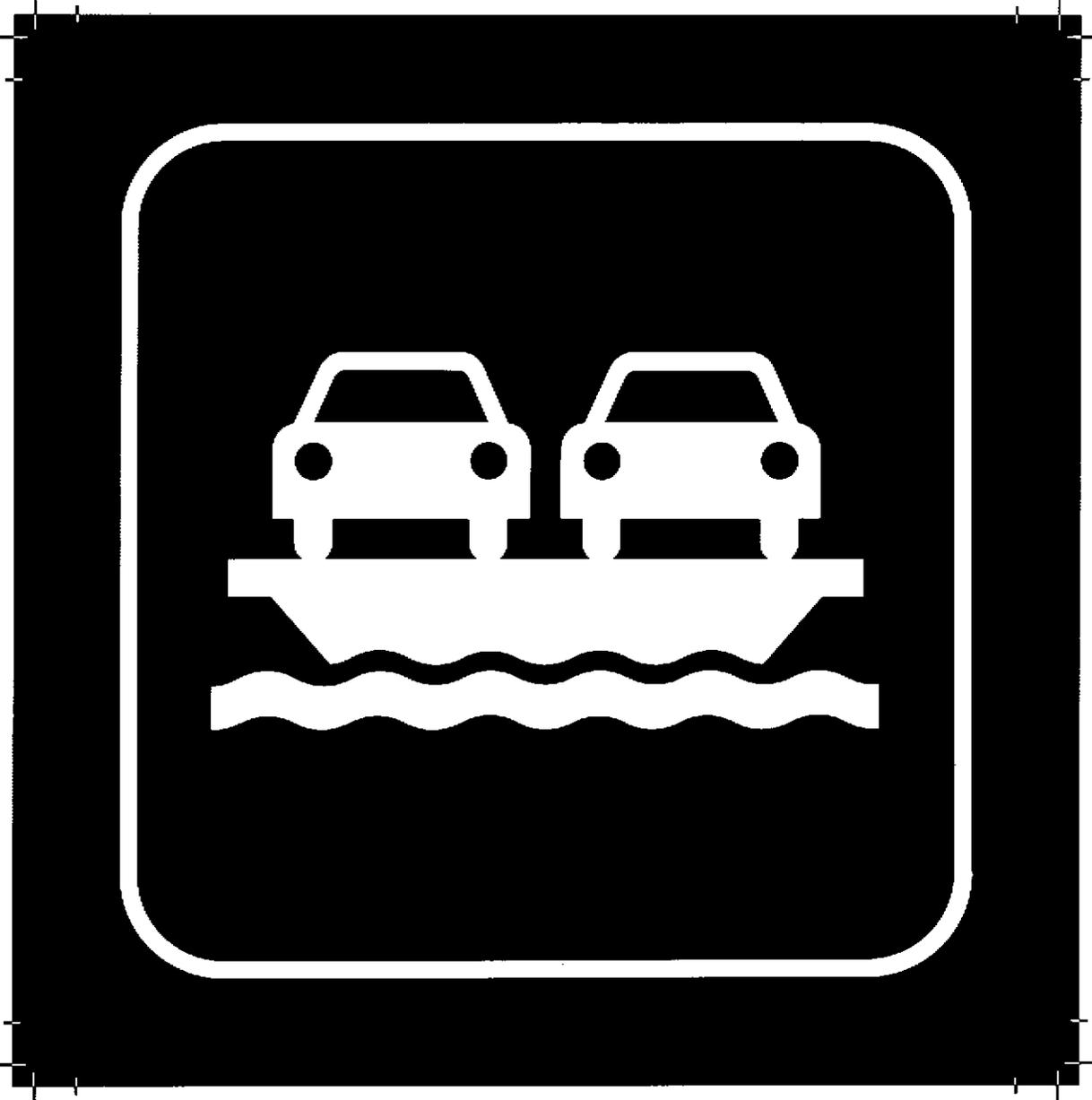
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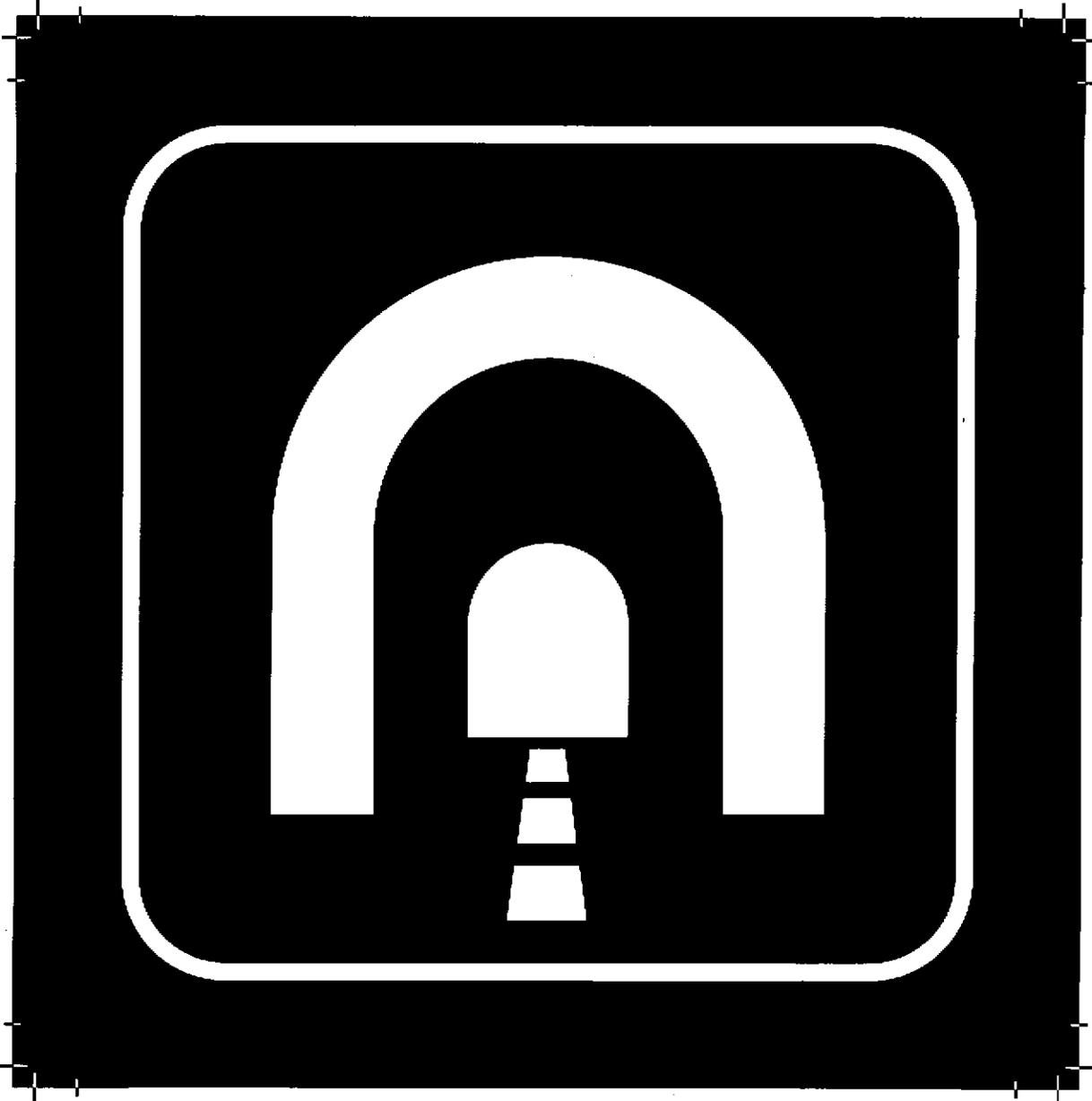
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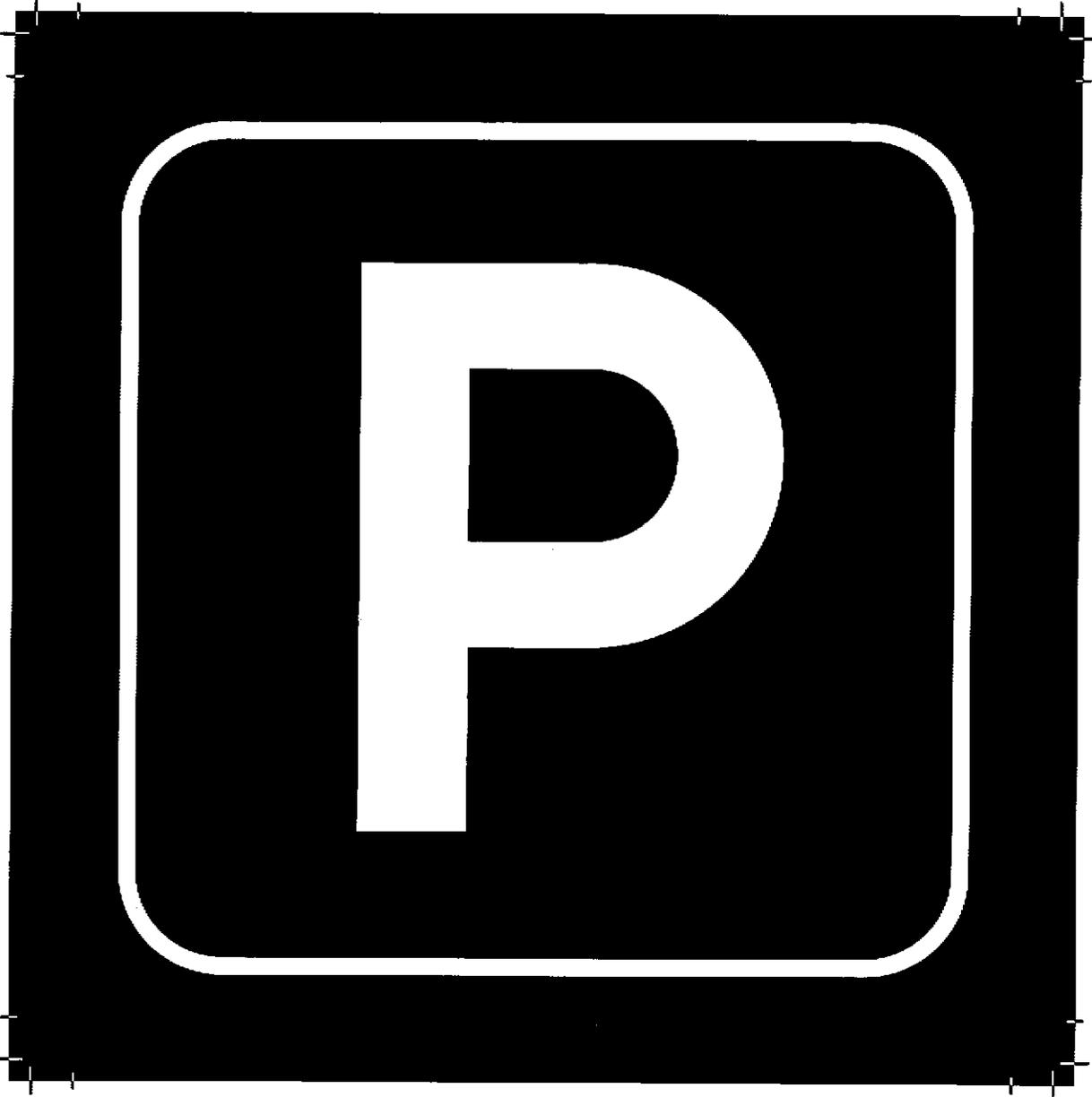
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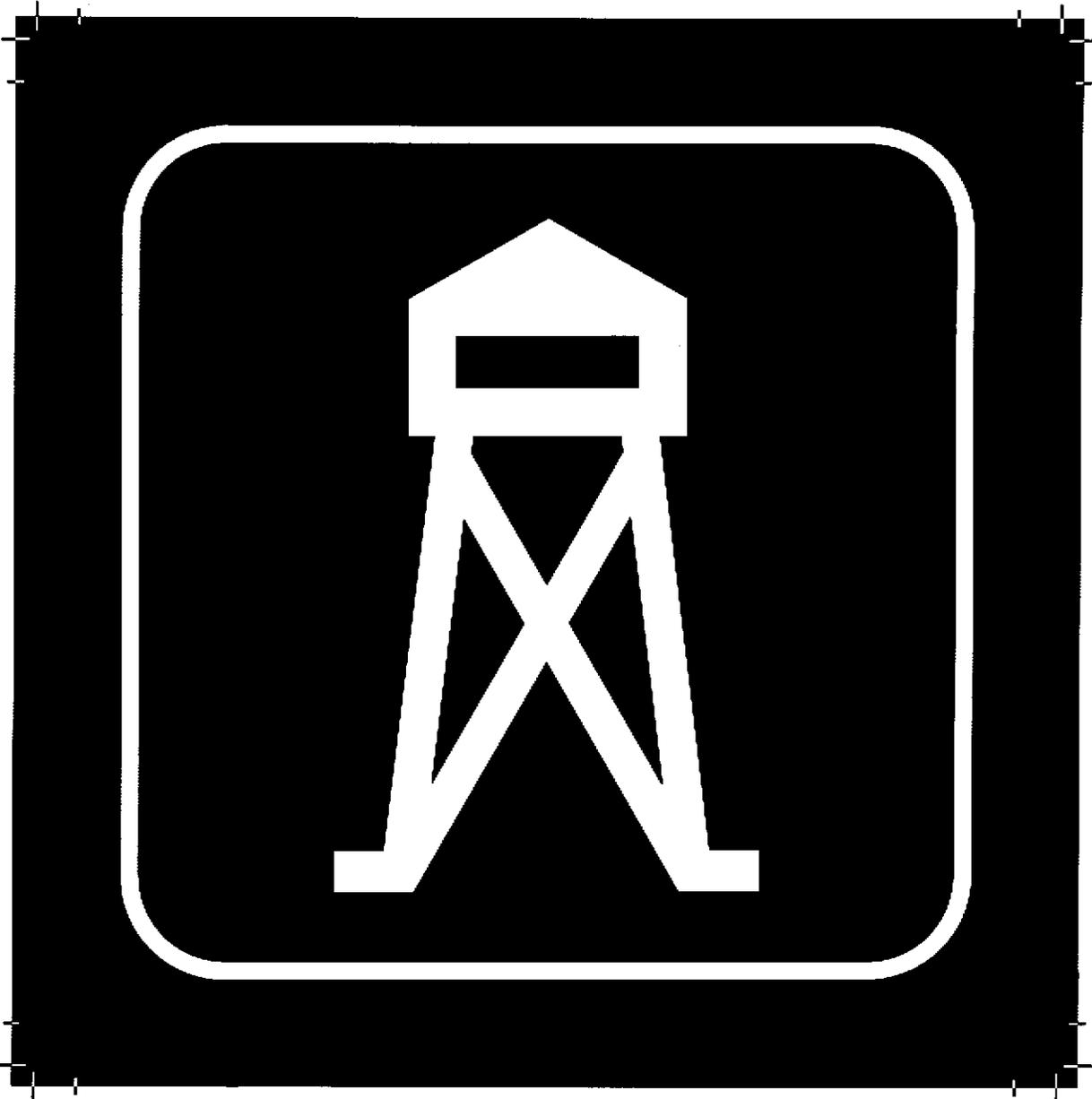
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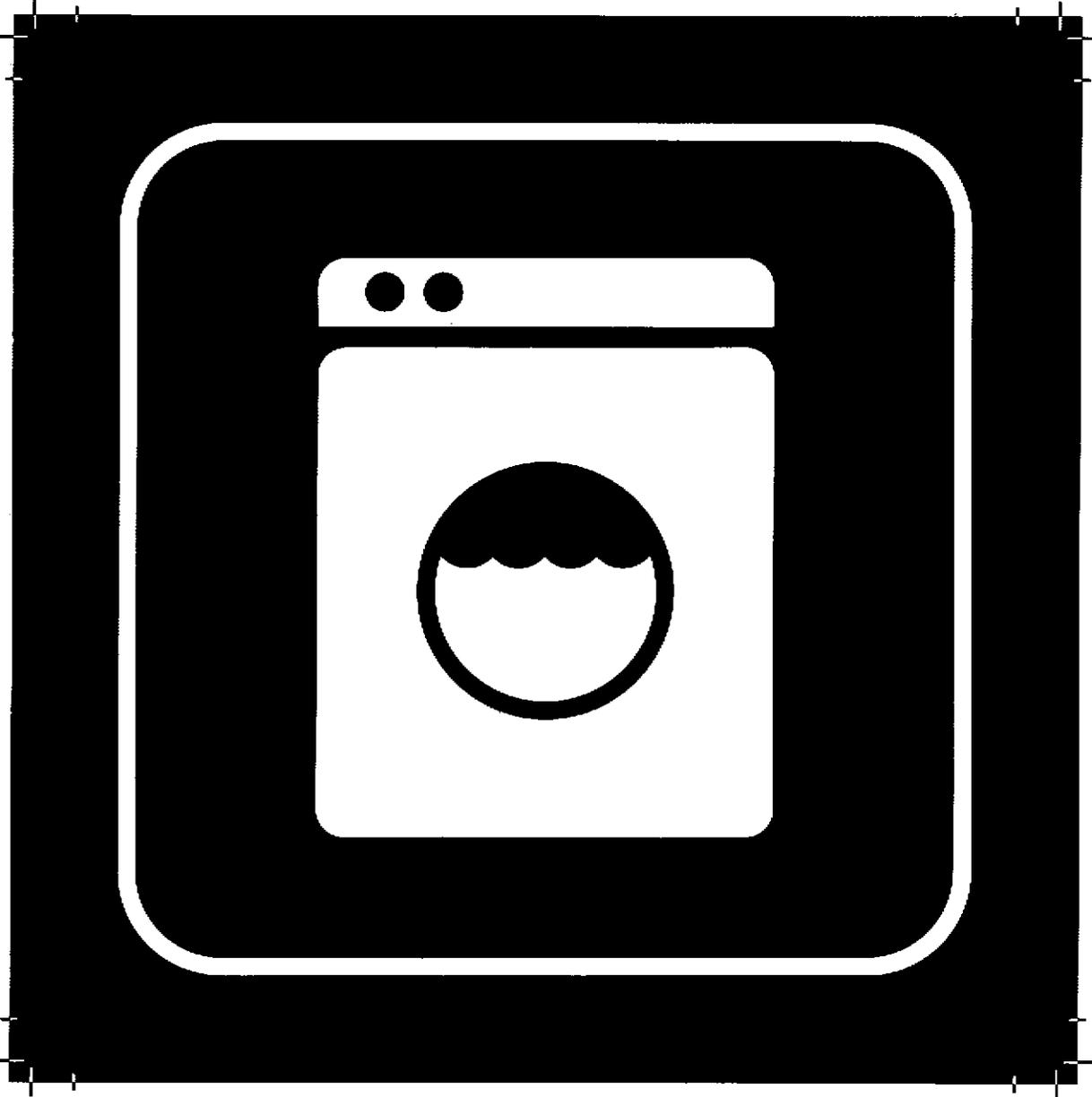
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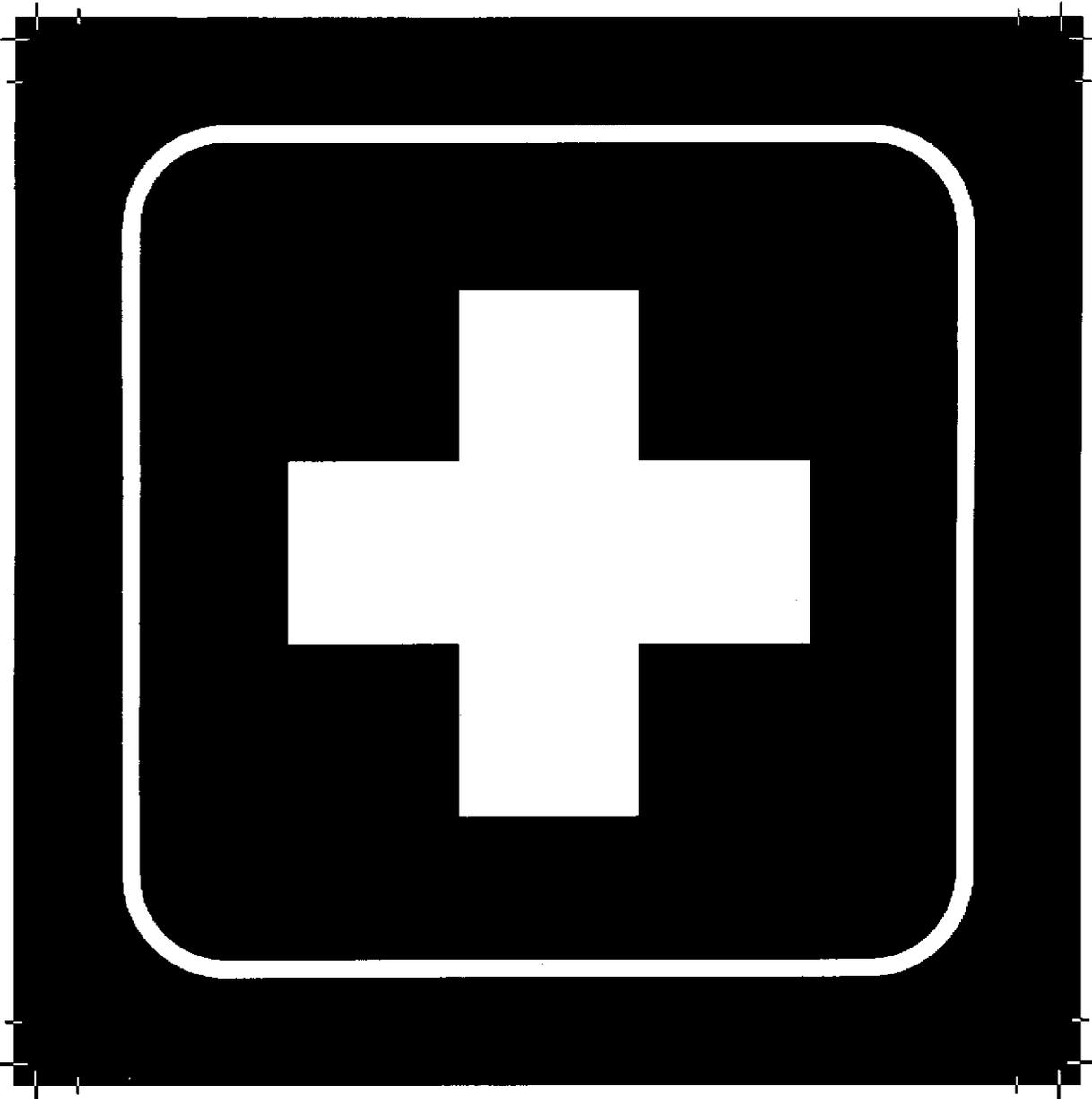
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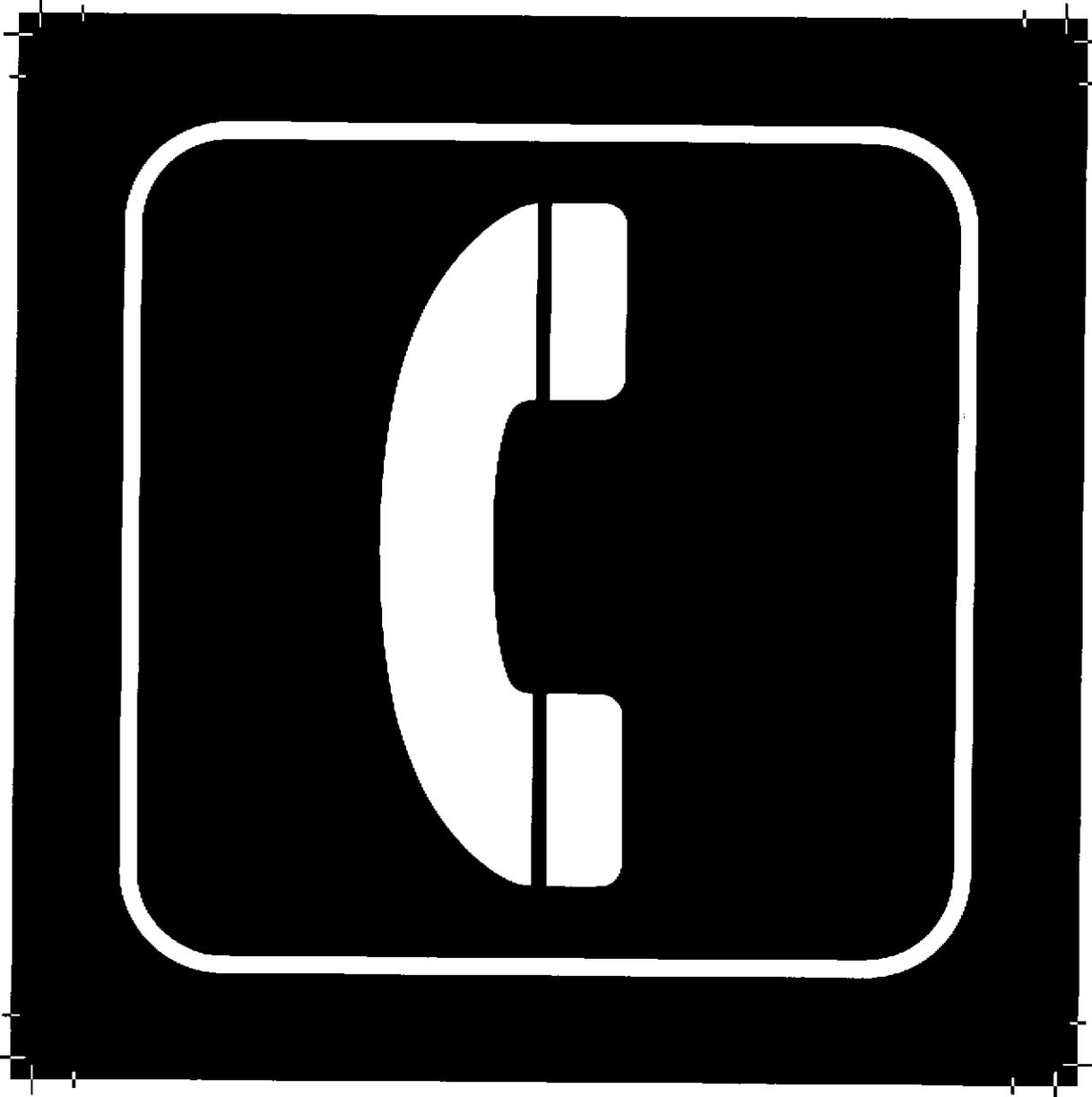
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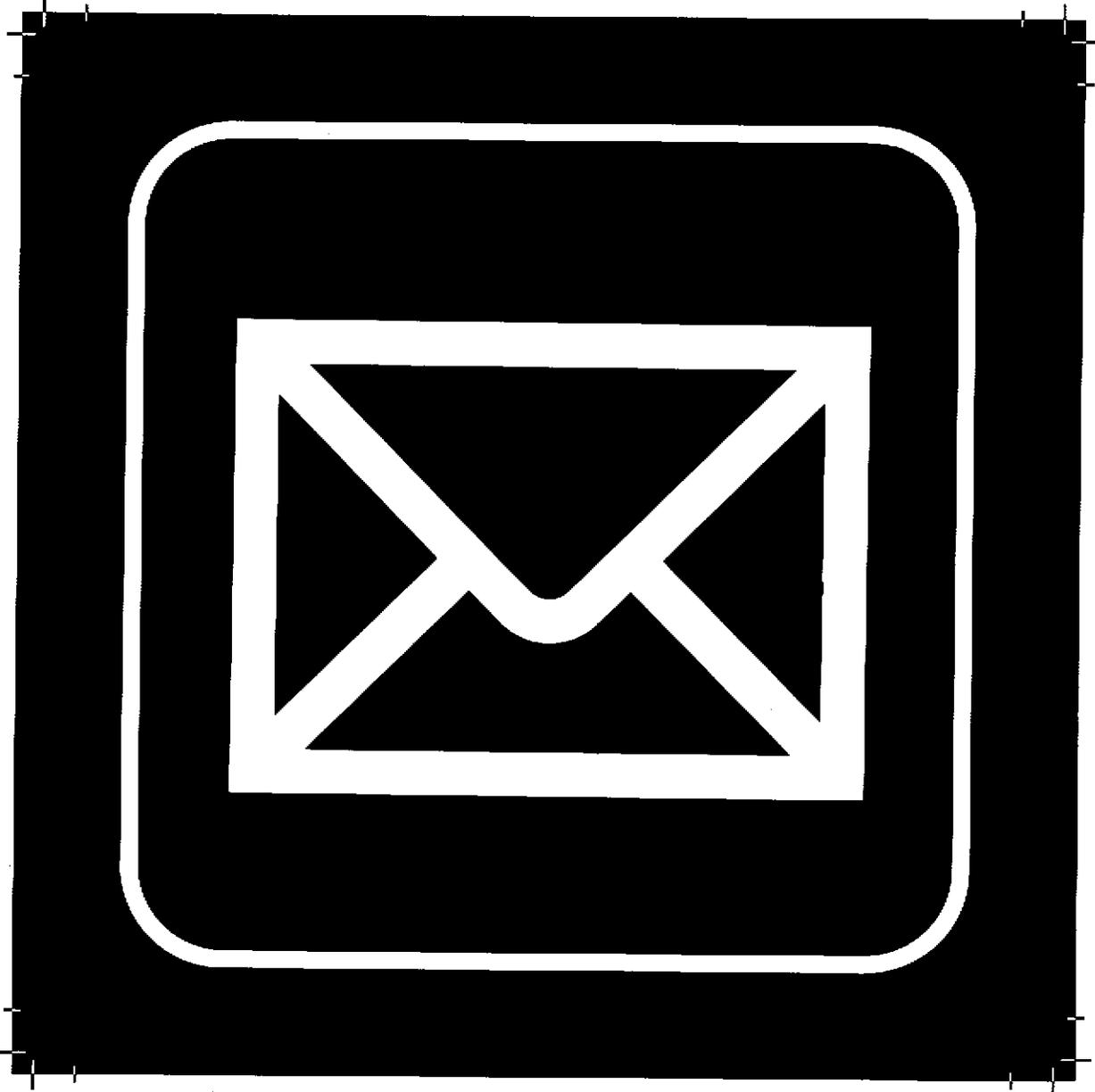
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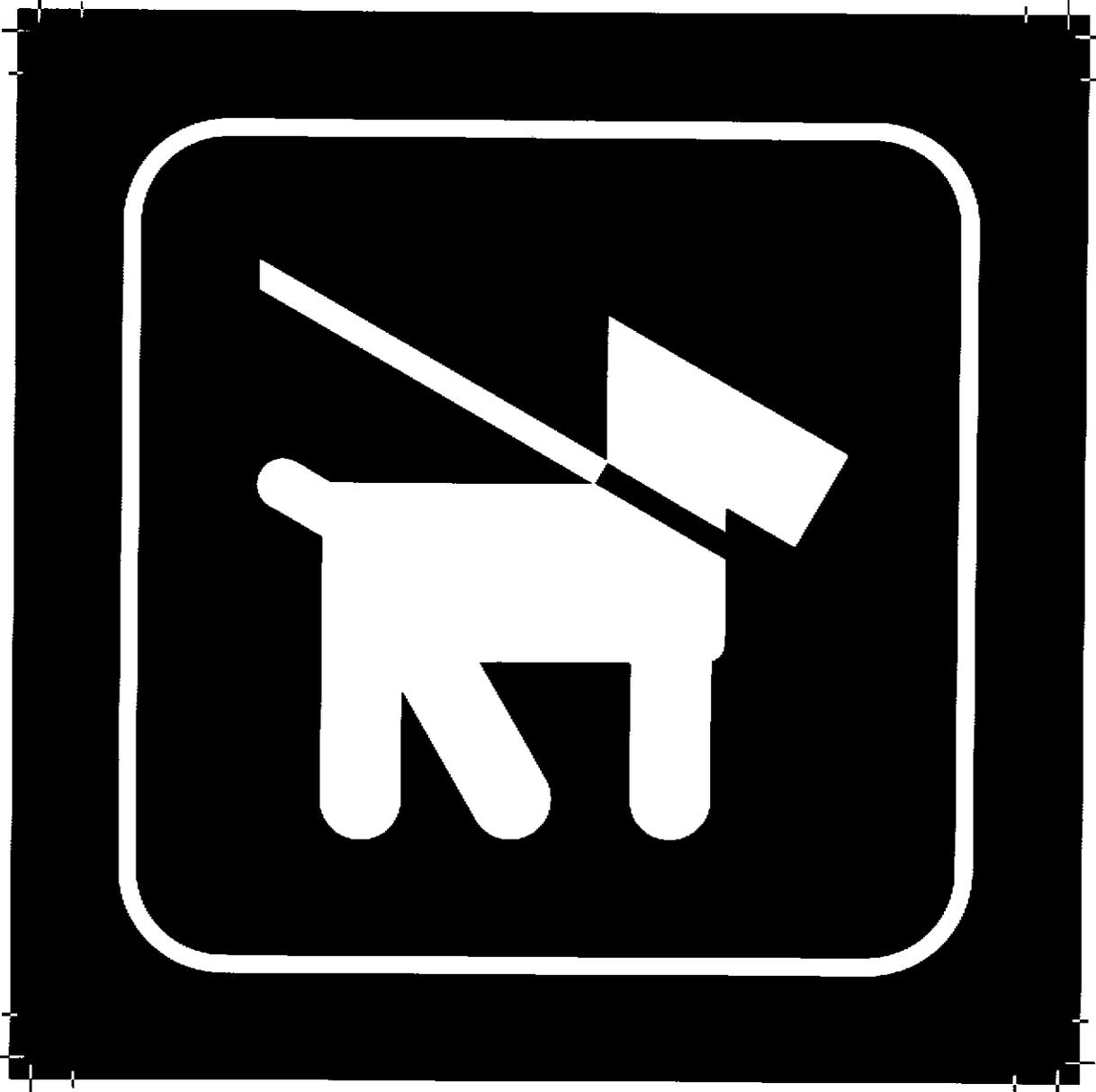
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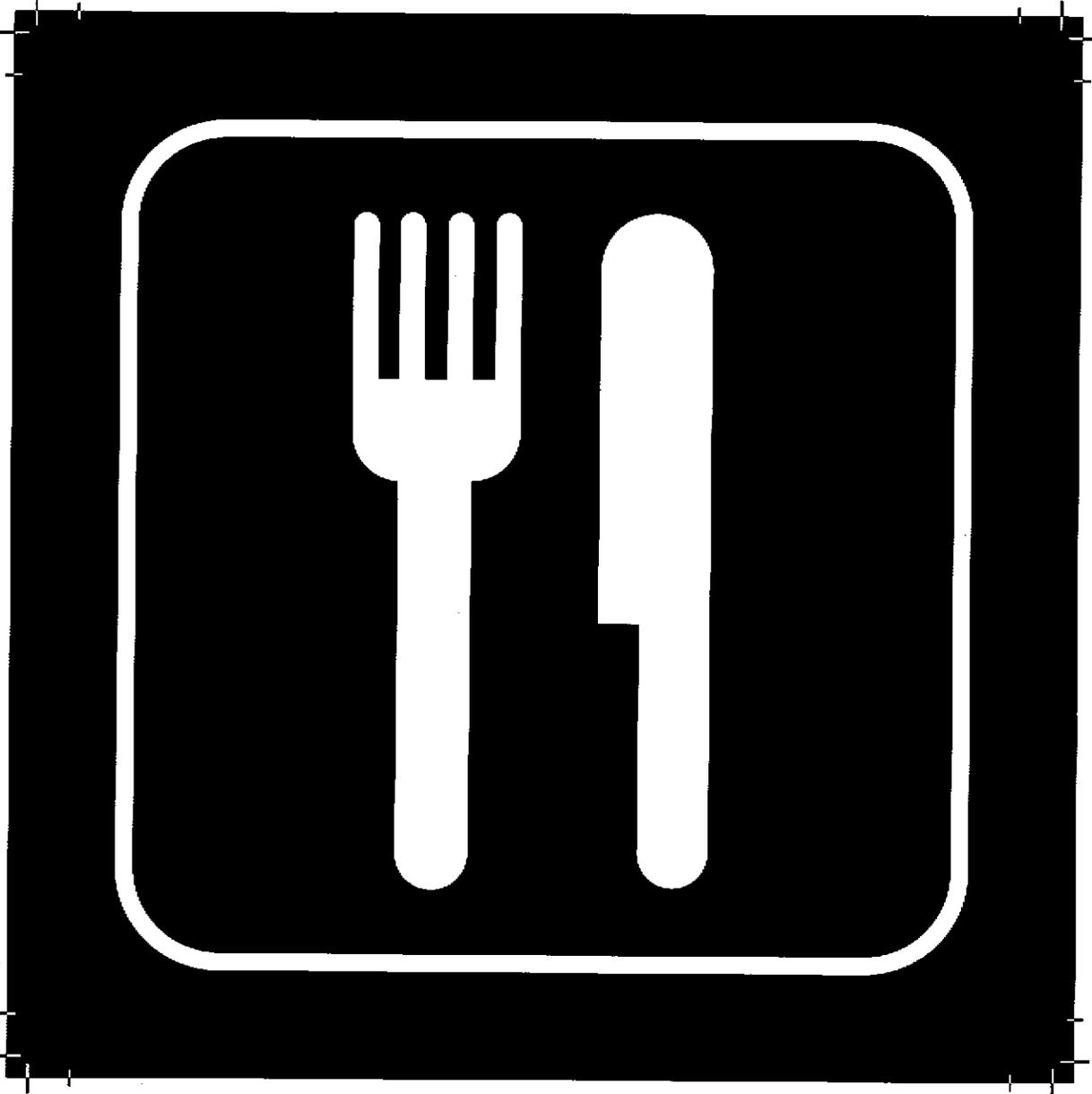
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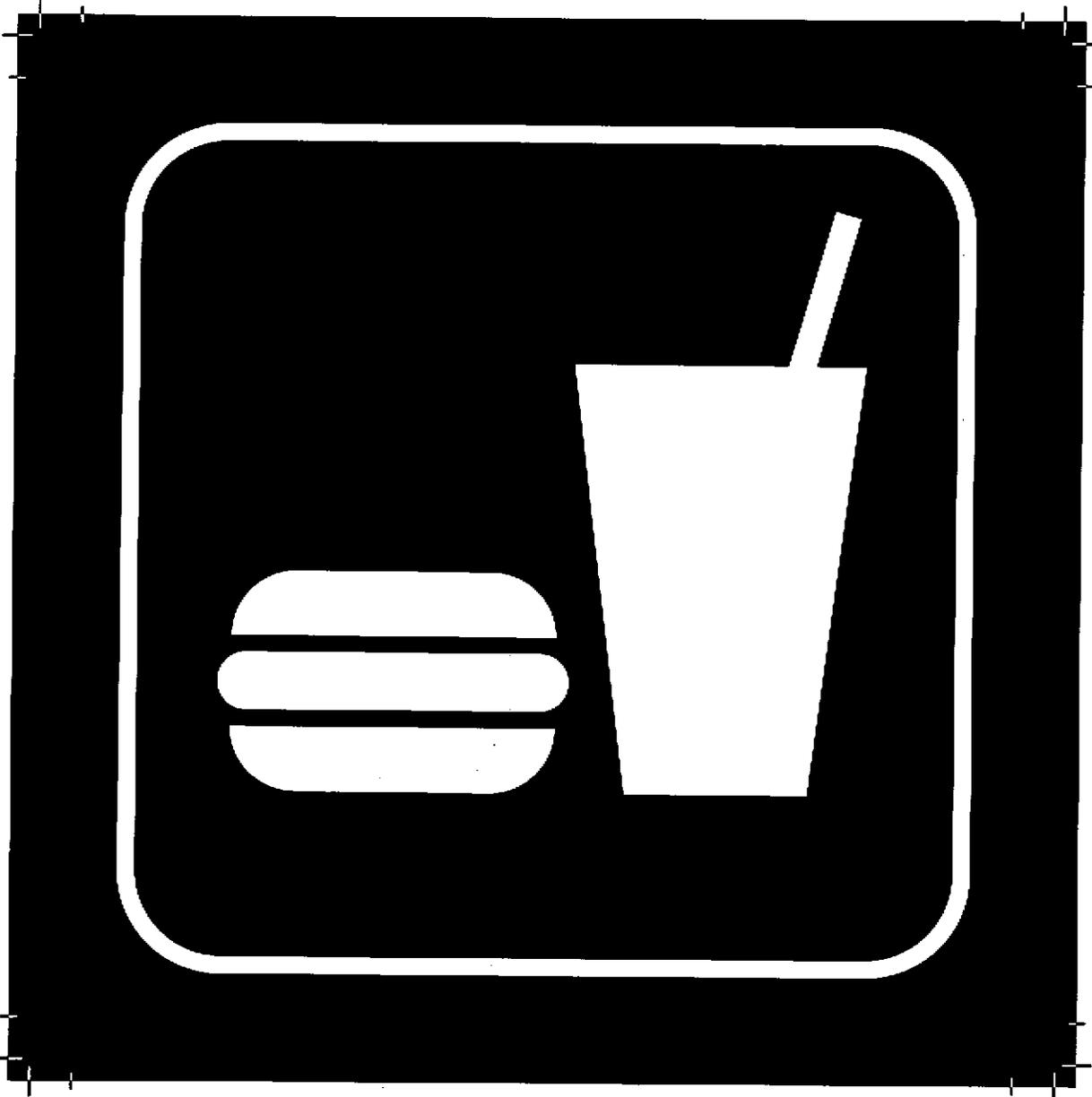
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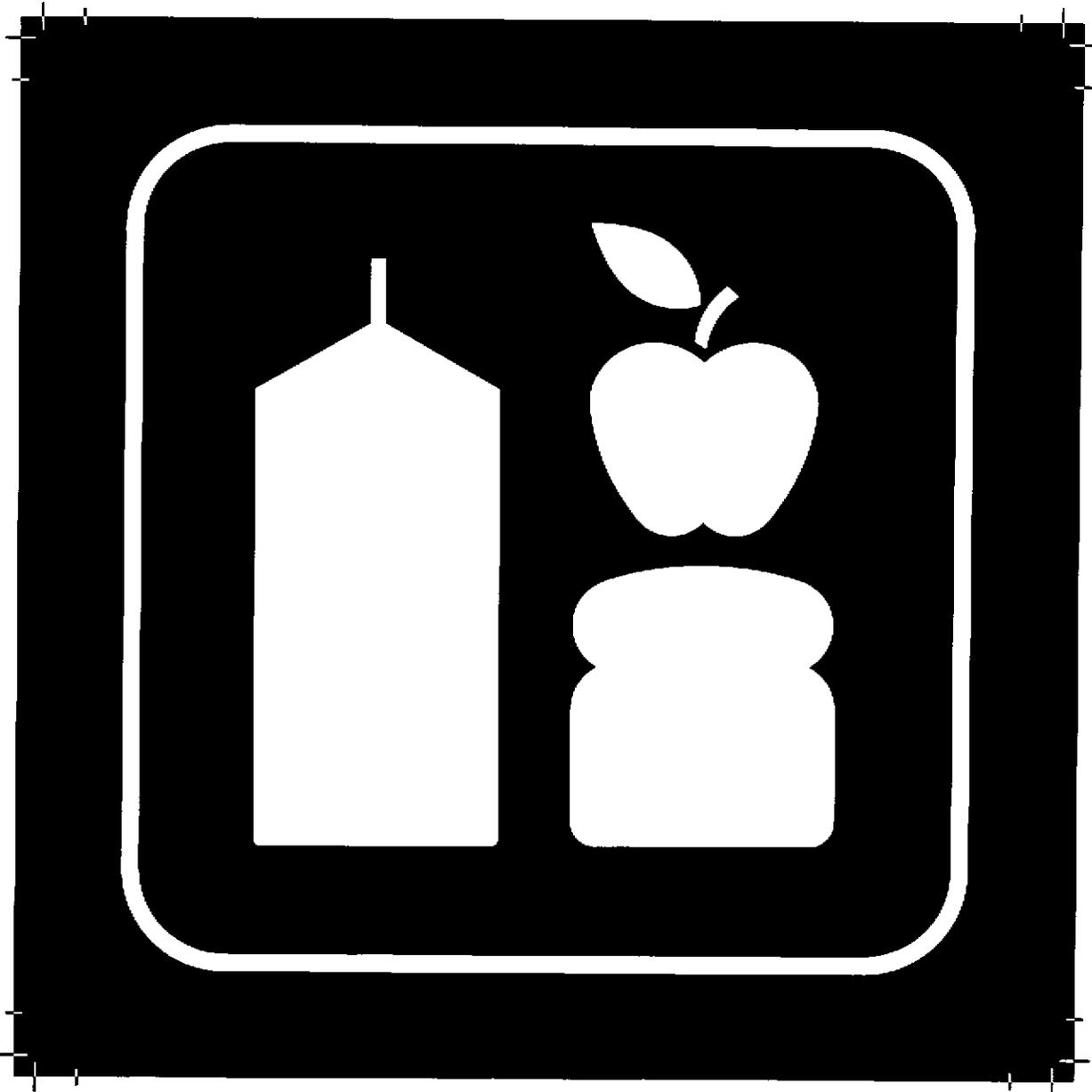
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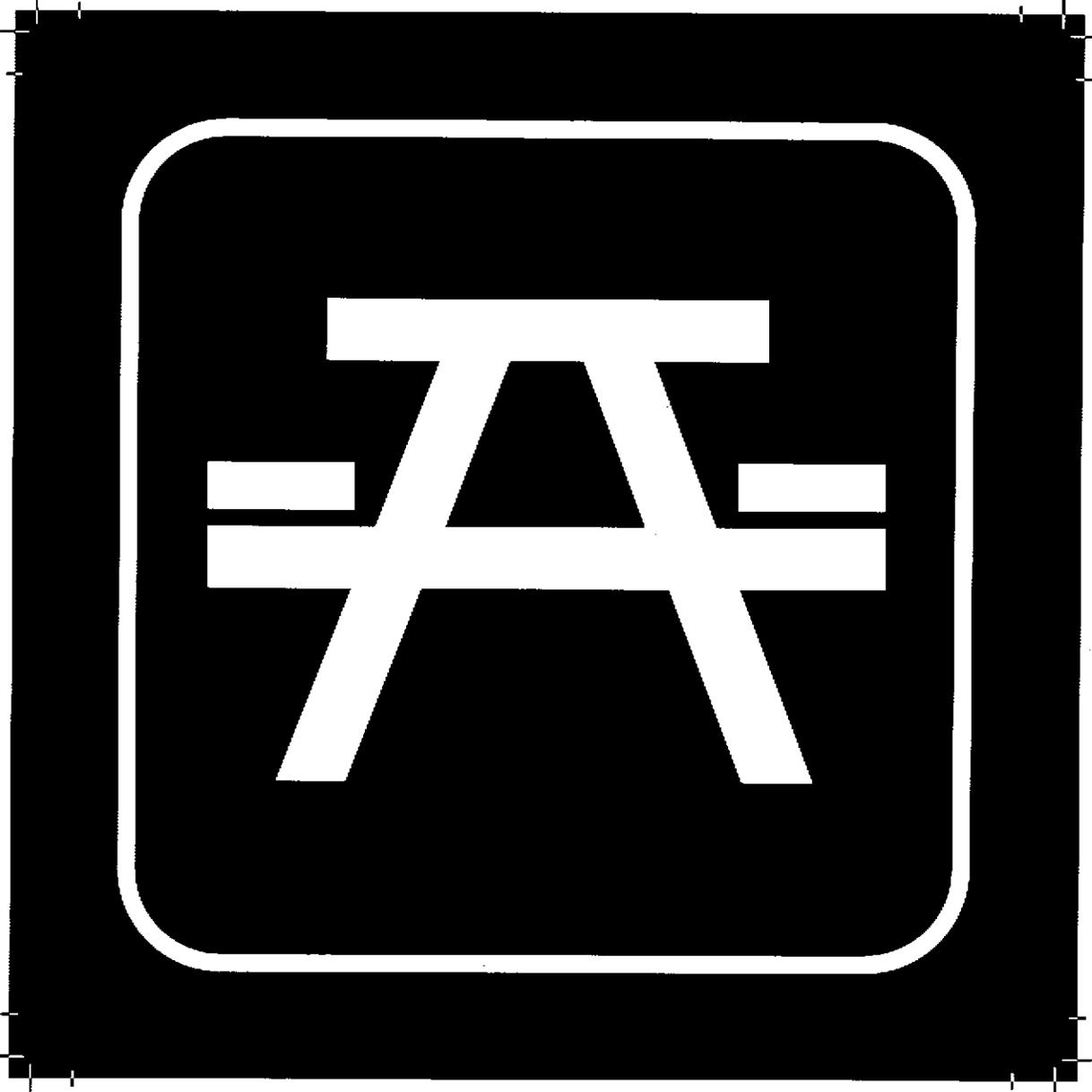
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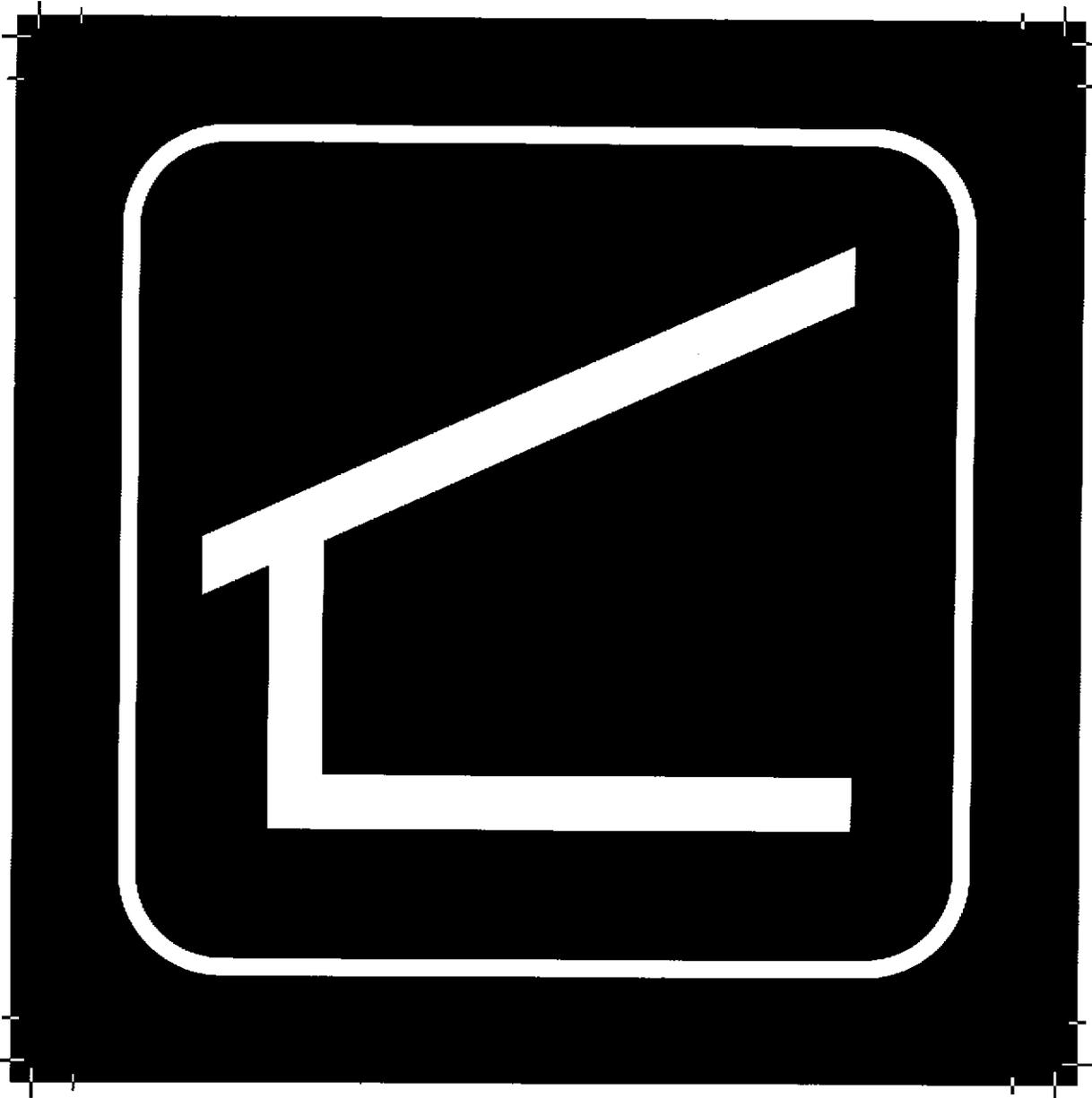
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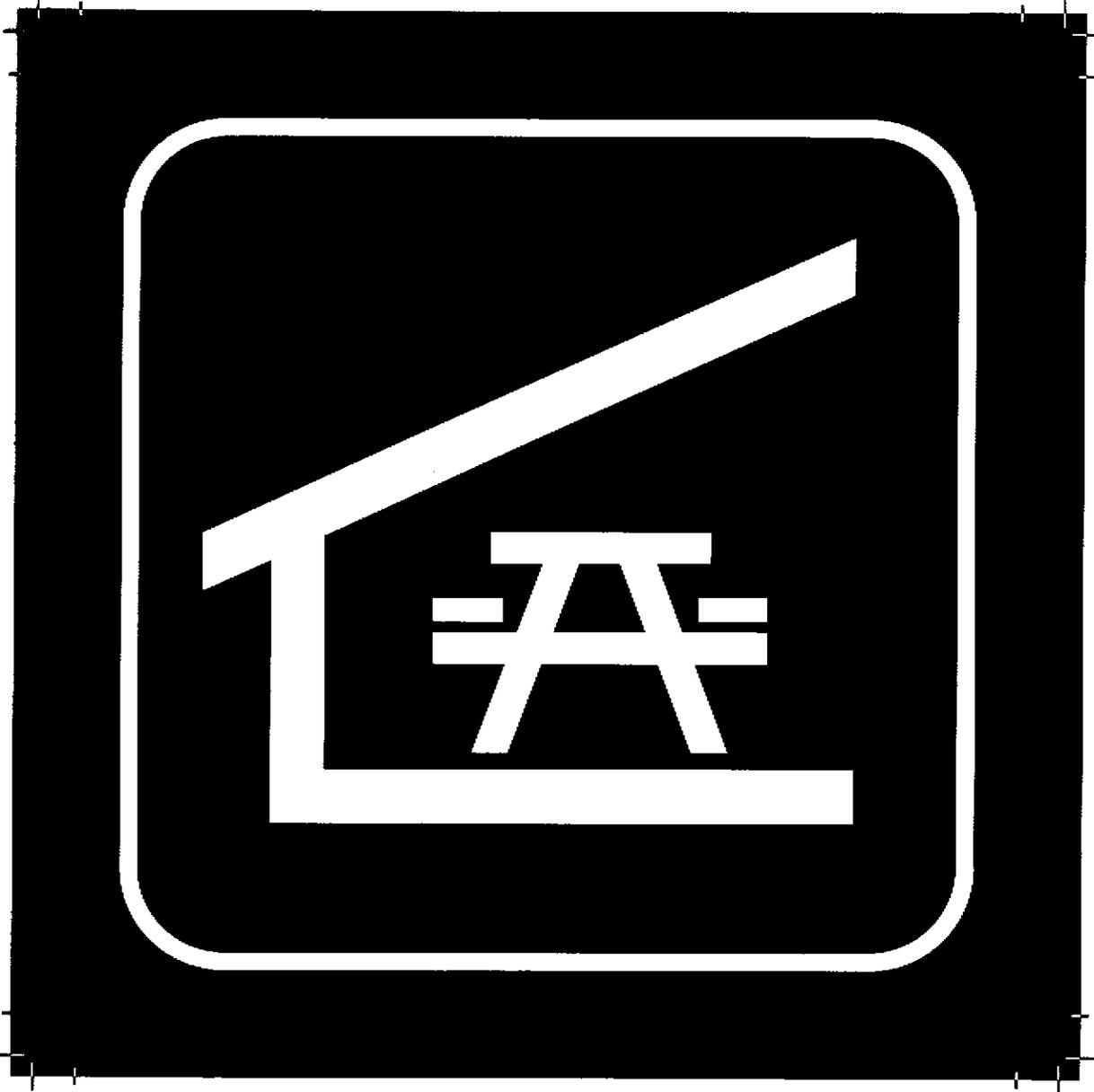
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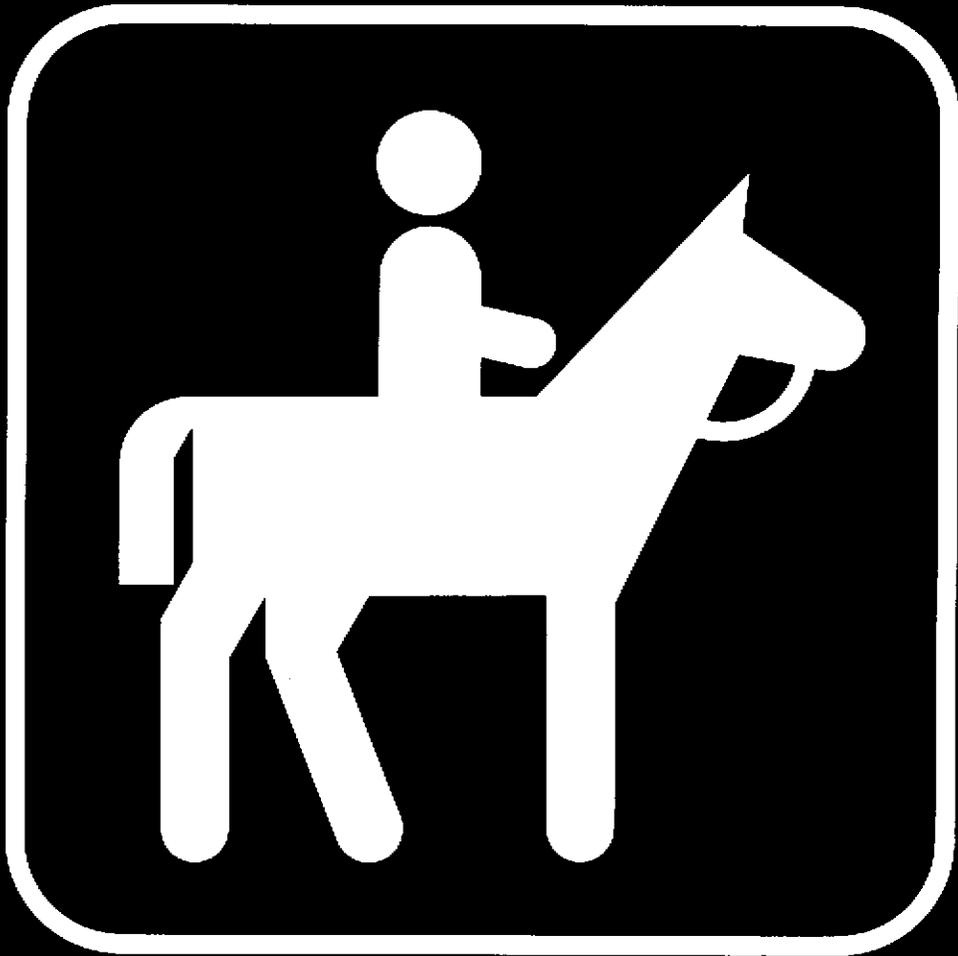
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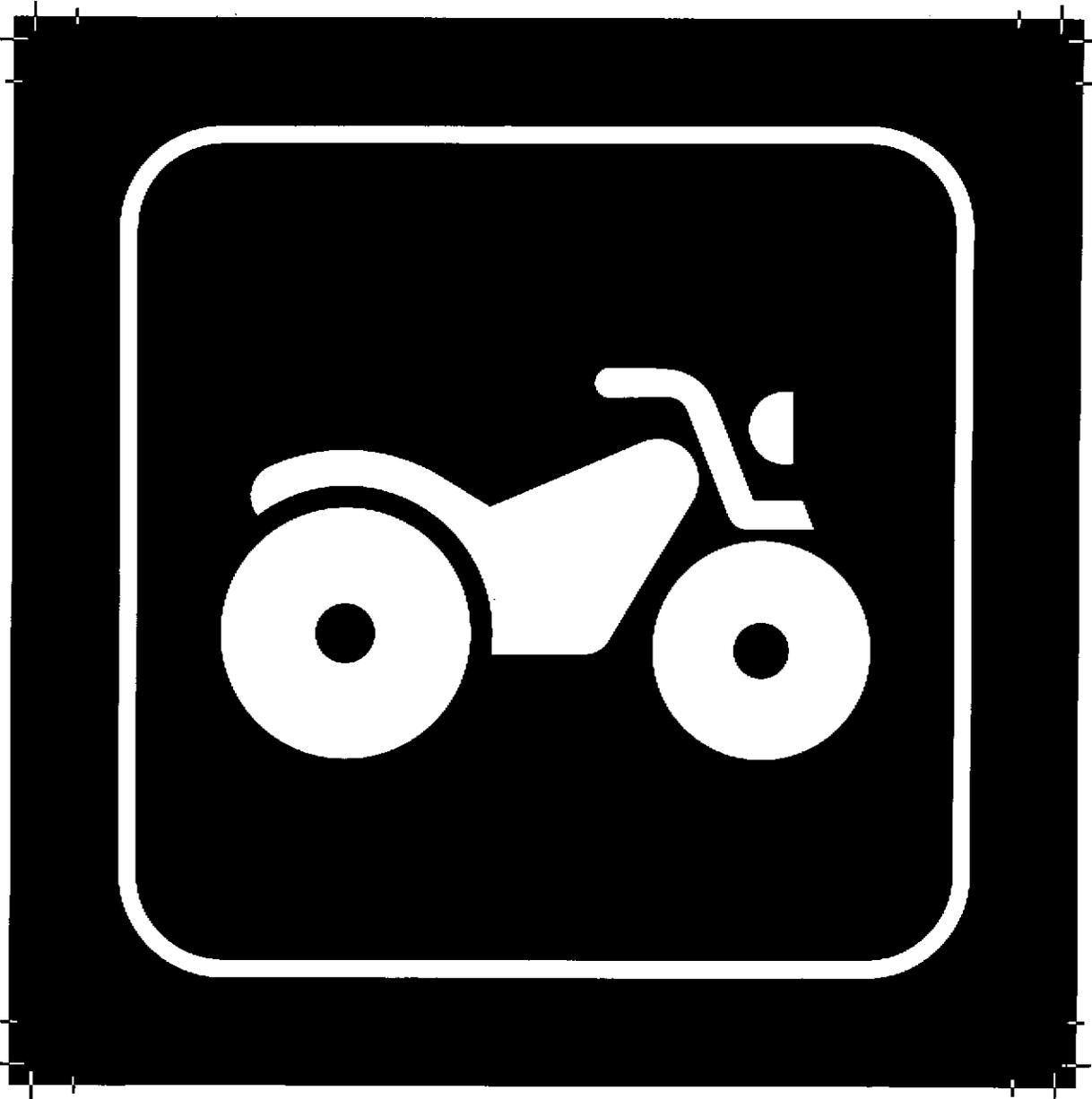
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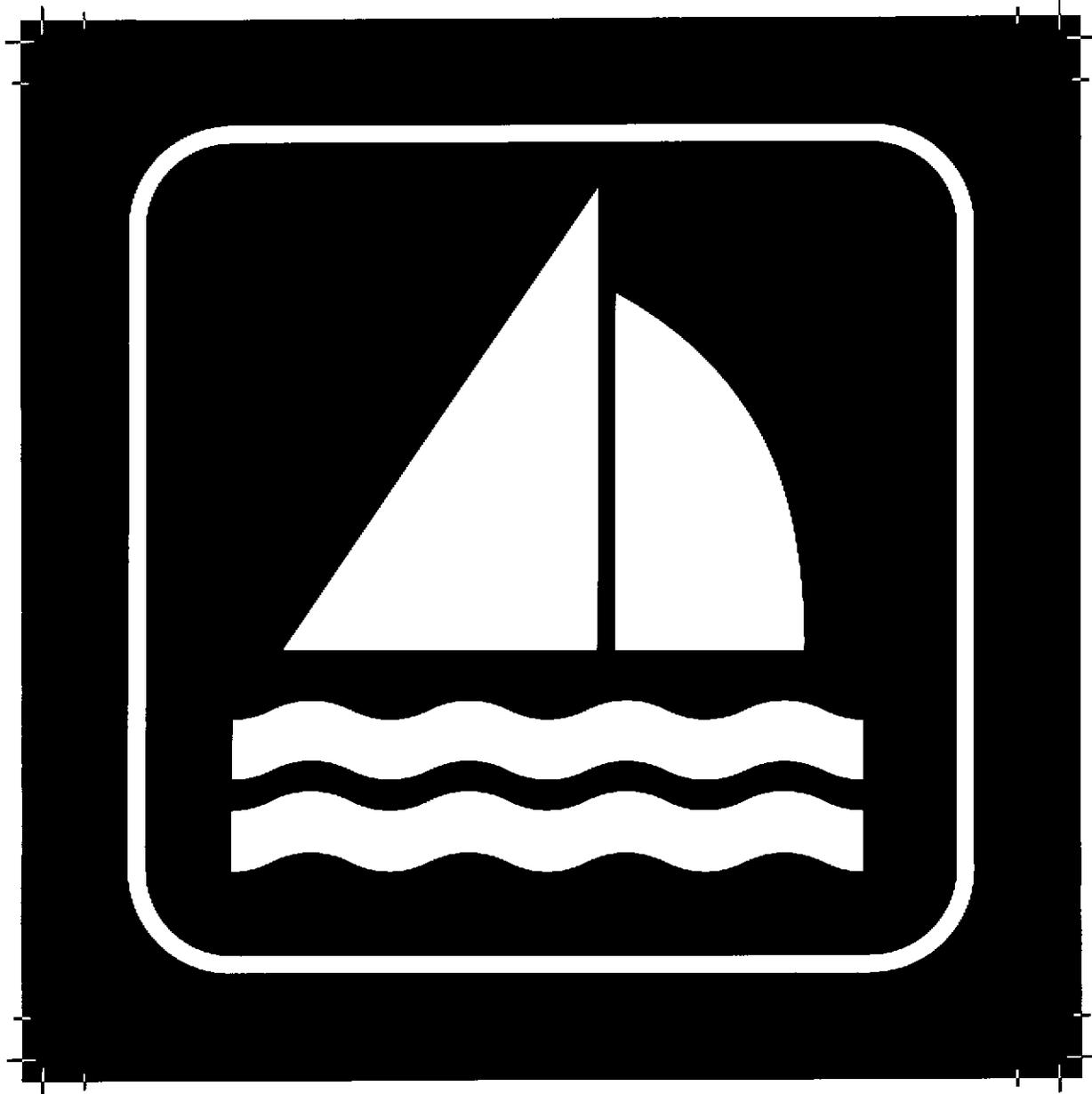
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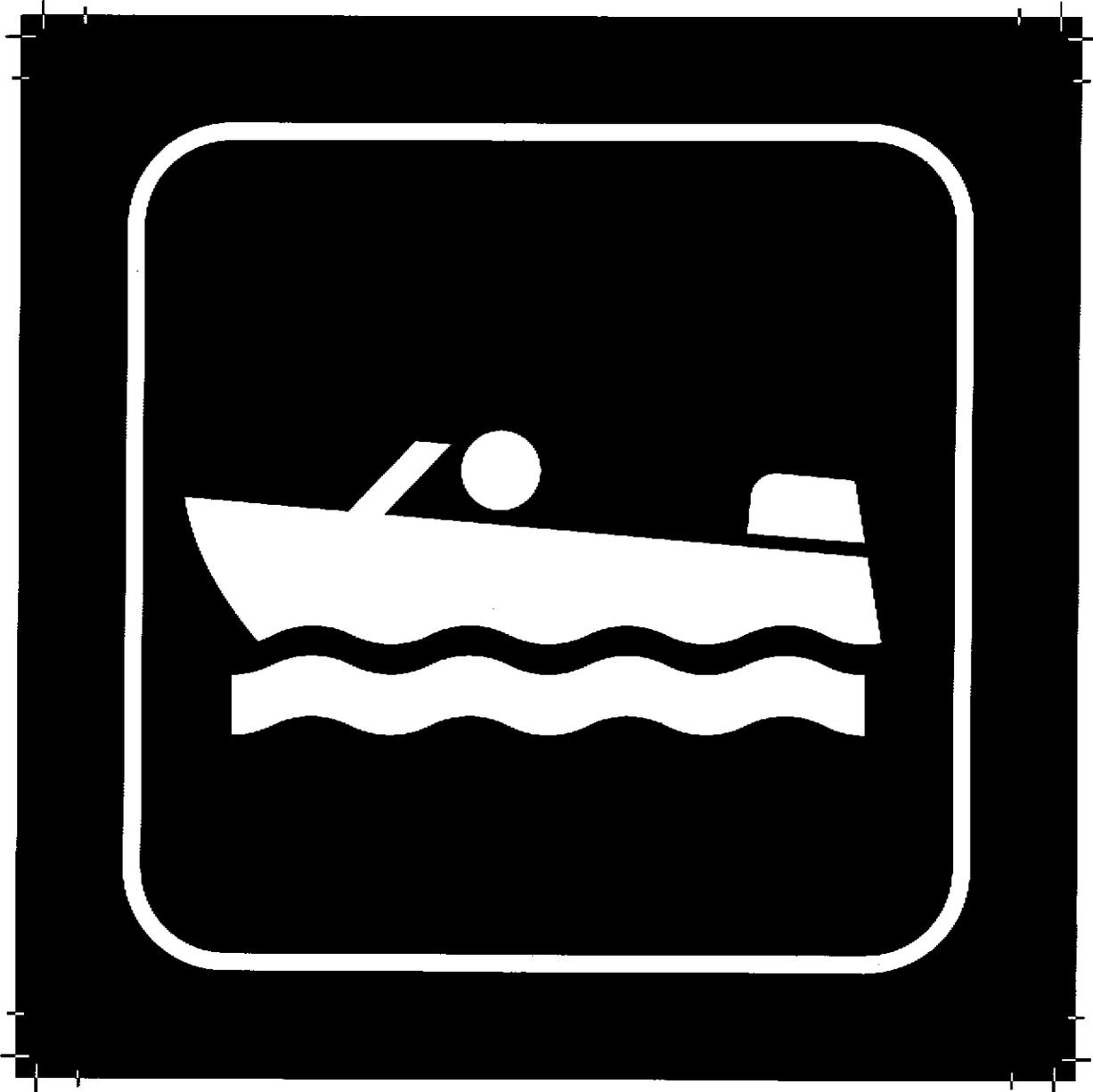
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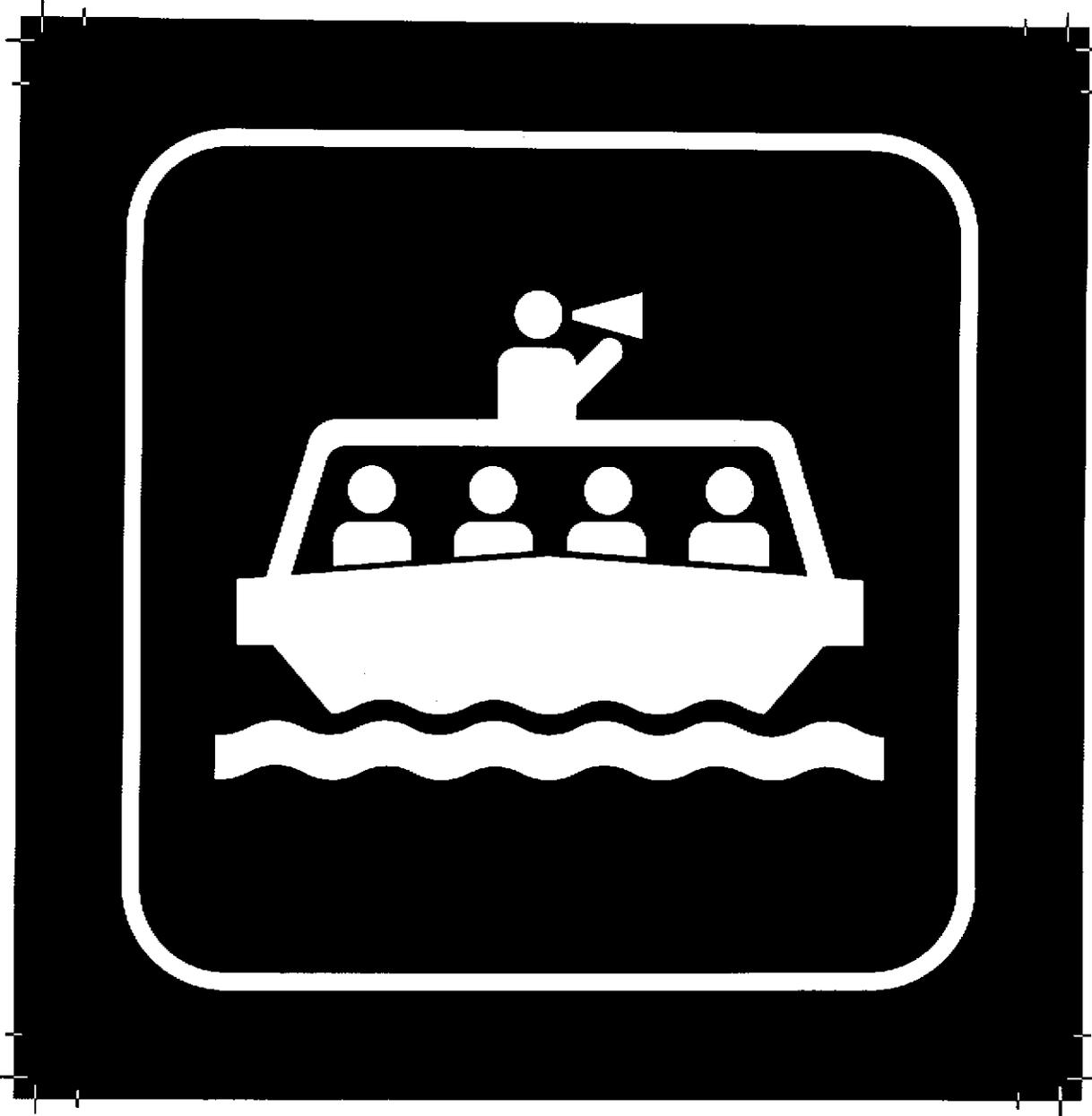
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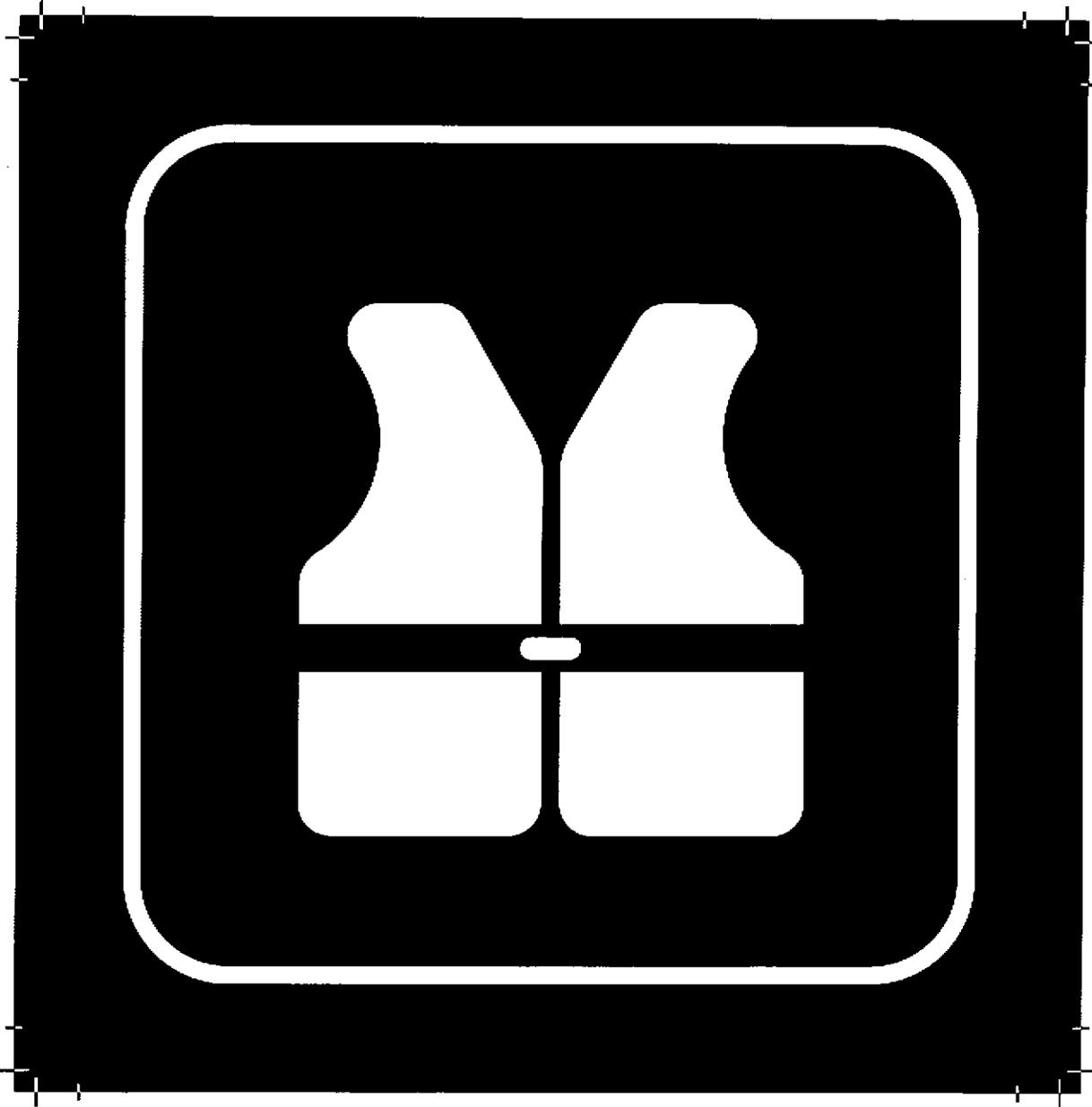
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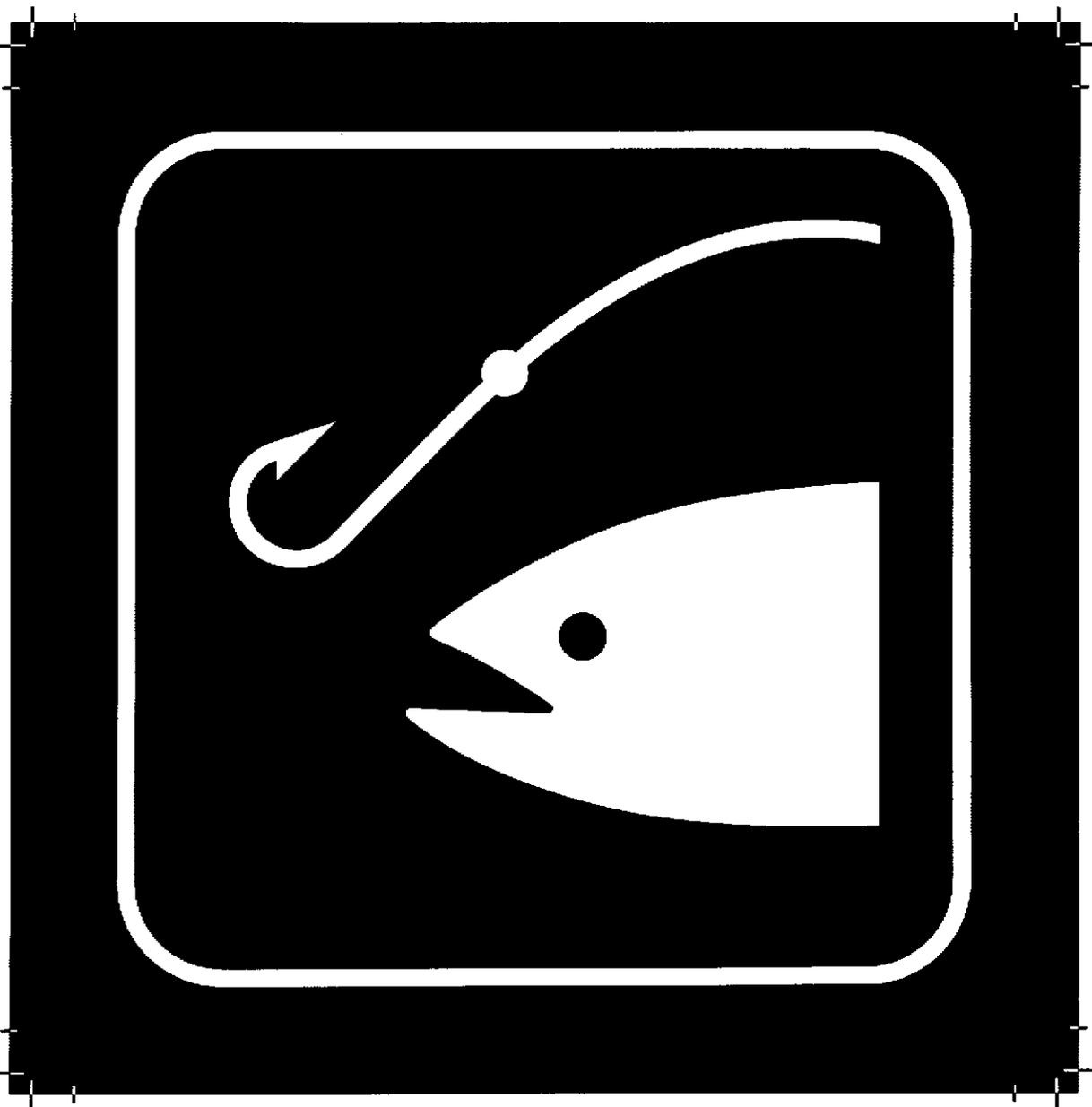
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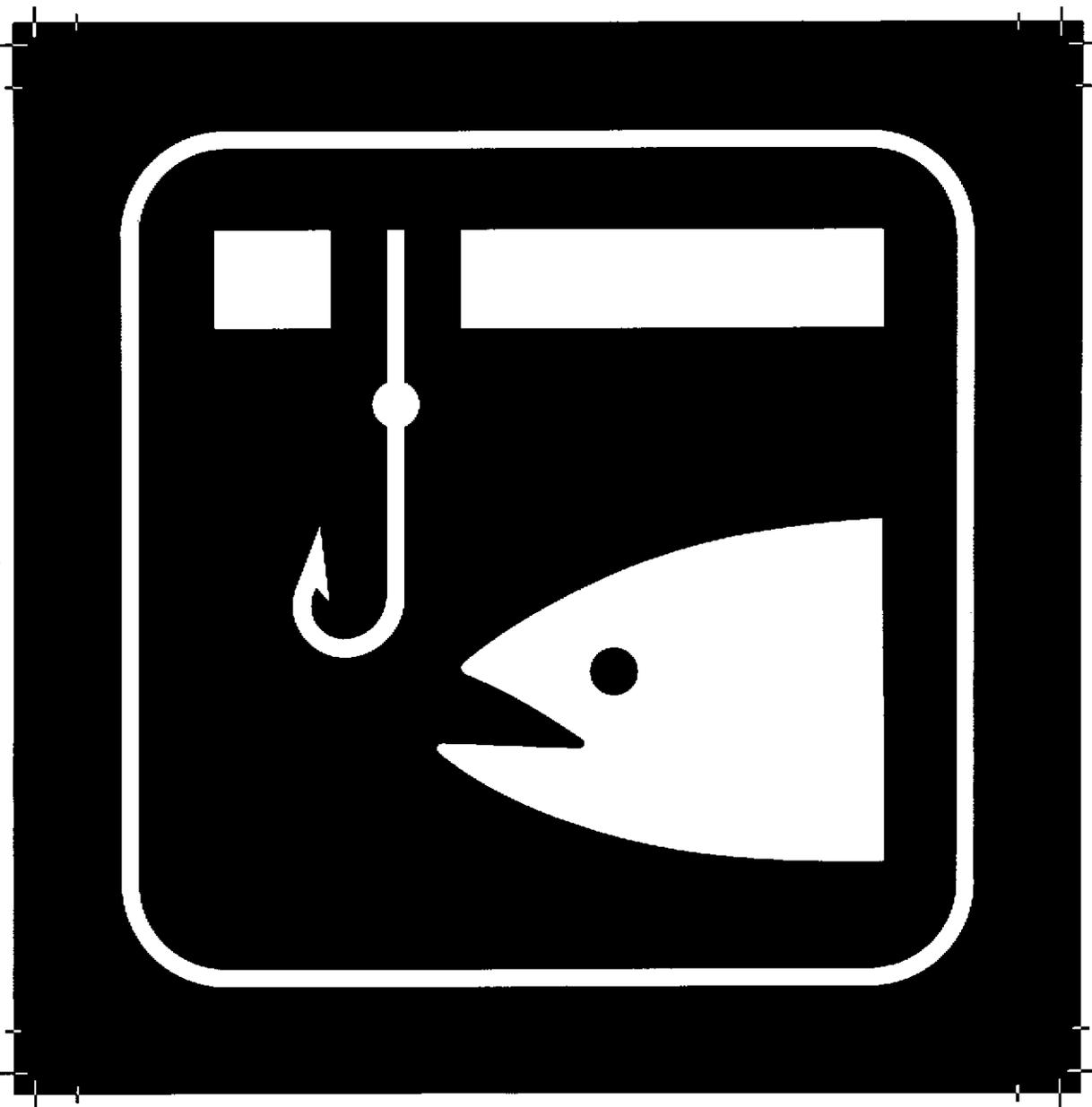
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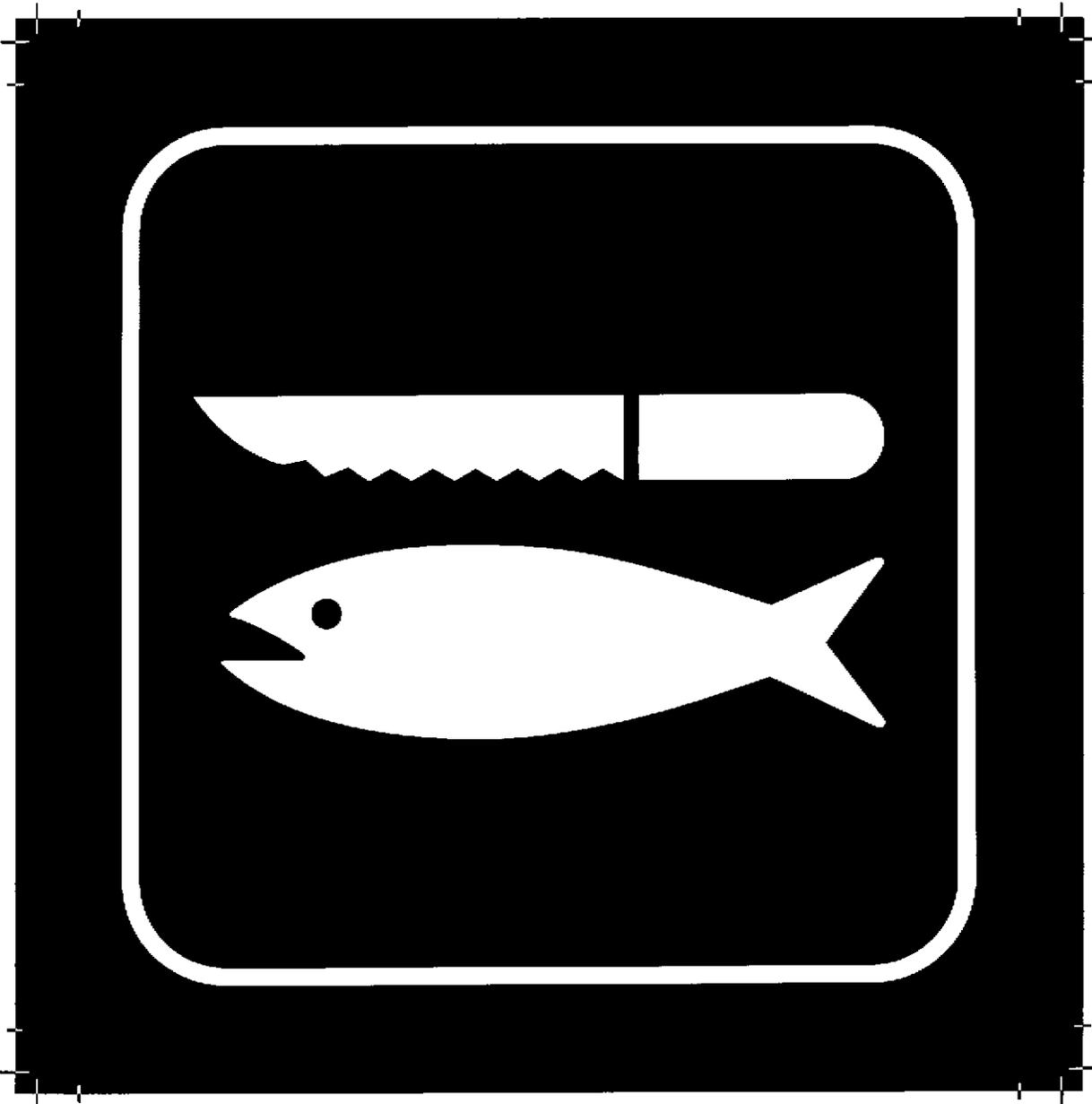
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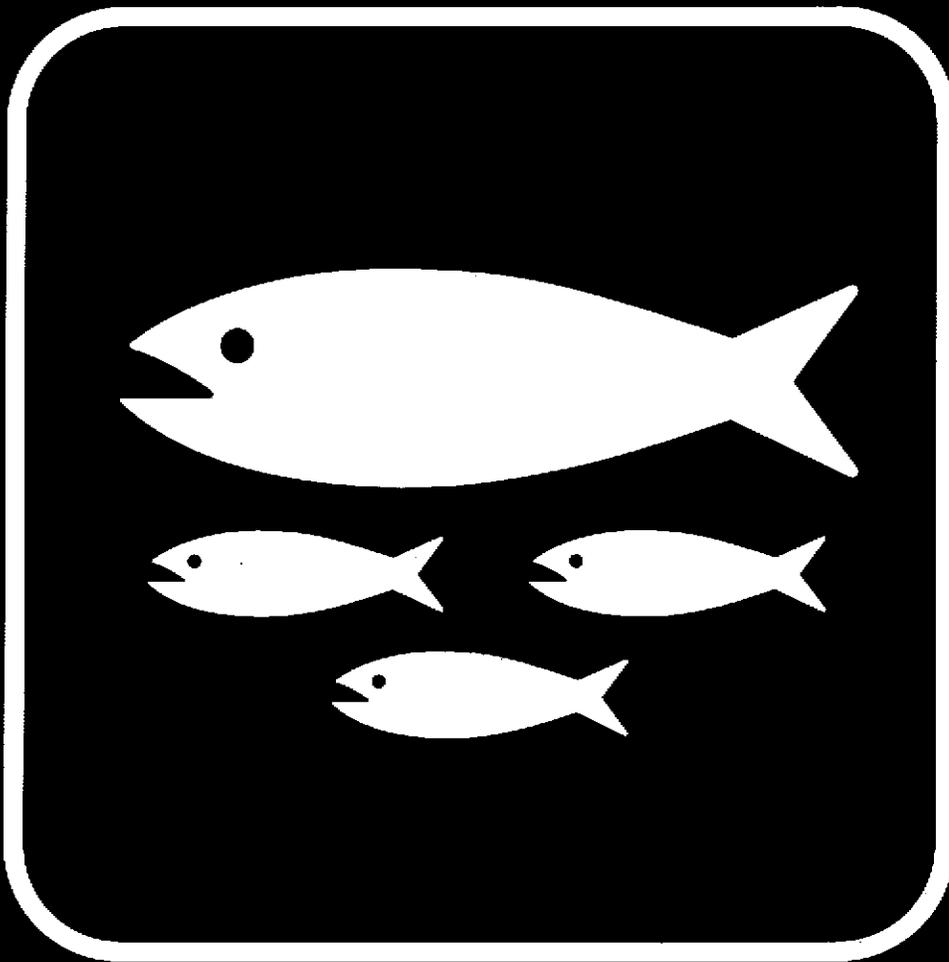
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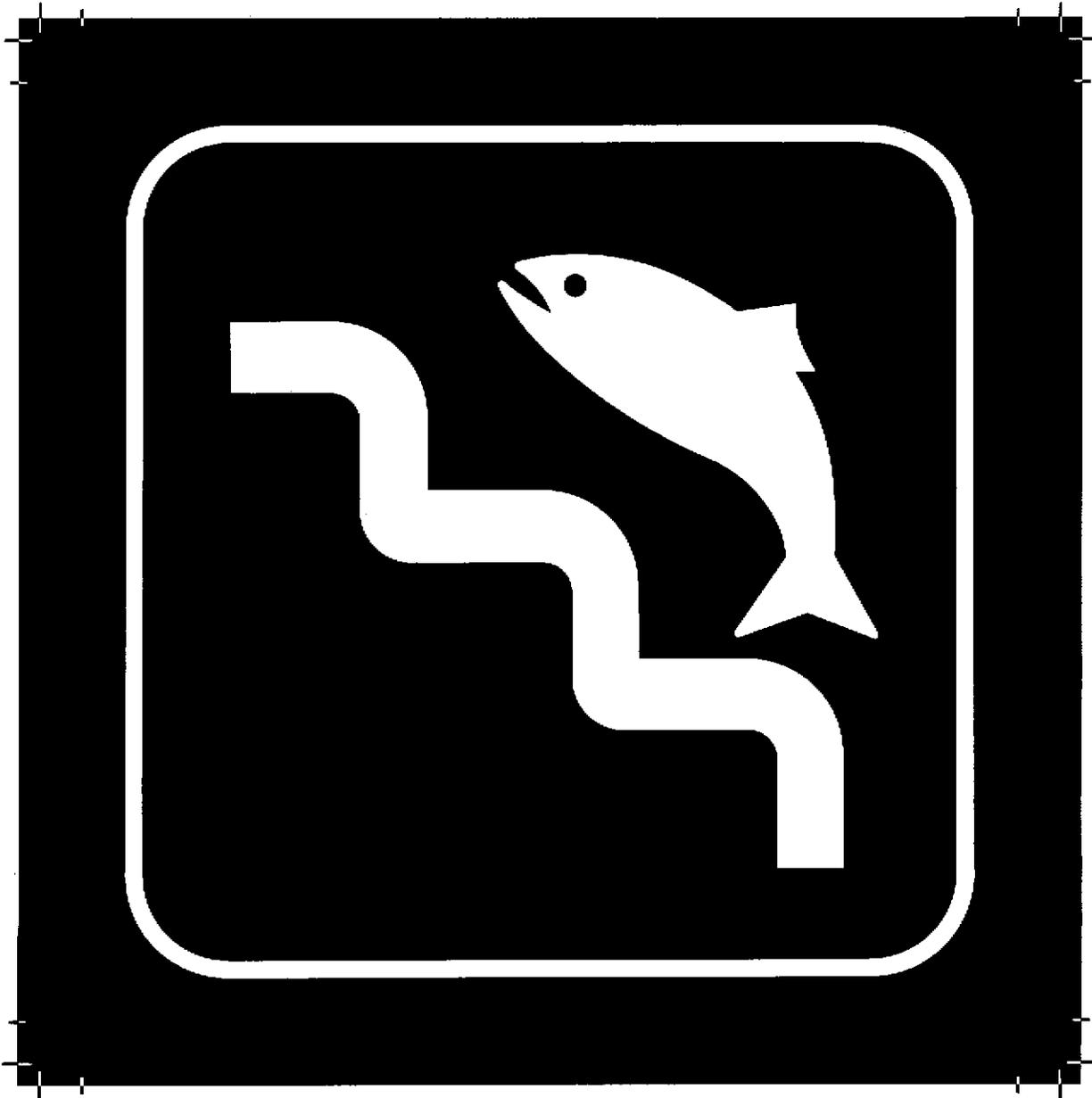
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the slash as a complete unit.

Circle and slash to be red. Figure, legend, and border to be black. Background to be white.

Note: Thin white lines separating the slash from the figure are only for convenience in making the color separations. The black plate (figure) should be extended to butt against the slash in the final print.

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Note: Thin white lines separating the slash from the figure are only for convenience in making the color separations. The black plate (figure) should be extended to butt against the slash in the final print.



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Circle to be green. Figure, legend, and border to be black. Background to be white.



Reproduce this art for signs using a distortion-free photo-mechanical process. Do not re-size the art by hand. Enlarge or reduce the symbol and border as a complete unit.

Circle to be green. Figure, legend, and border to be black. Background to be white.



Reproduce this art for signs using a distortion-free photo-mechanical process. Do not re-size the art by hand. Enlarge or reduce the symbol and border as a complete unit.

Circle to be green. Figura, legend, and border to be black. Background to be white.



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Circle to be green. Figure, legend, and border to be black. Background to be white.



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Circle to be green. Figure, legend, and border to be black. Background to be white.



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Reproduce this art for signs using a distortion-free photo-mechanical process. Do not re-size the art by hand. Enlarge or reduce the symbol and border as a complete unit.

This Dump Station symbol is to be reproduced as shown with white figure and outline on a dark background. Dimension symbol using the corner crop-marks provided. Remove crop-marks prior to application to sign panel.



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Color Schedule

Blue PMS 282

Gold PMS 130

White

Legend and artwork shown in black
Triangular field and interior bird
Inside circle



Reproduce this art for signs using a distortion-free photo-mechanical process. Do not re-size the art by hand. Enlarge or reduce the symbol and border as a complete unit.

Color Schedule

Blue PMS 286

Red PMS 186

White

Black

Background of "U" and top part of triangular field
Background of "A"

Background of panel and the letters "U" and "A".
Borderline and legend



Reproduce this art for signs using a distortion-free photo-mechanical process. Do not re-size the art by hand. Enlarge or reduce the symbol and border as a complete unit.

White line between illustration inside the triangle and line marking the triangle to be colored in when printed.

Color Schedule

Black

Brown PMS 153

Borderline, Legend and
borderline internal
triangle

Illustration inside
triangle



Reproduce this art for signs using a distortion-free photo-mechanical process. Do not re-size the art by hand. Enlarge or reduce the symbol and border as a complete unit.

White line between illustrations to be colored in when printed.

Color Schedule

Black

Blue PMS-322

Borderline, Legend, Tree and borderline internal triangle

Background of mountains



Reproduce this art for signs using a distortion-free photo-mechanical process. Do not re-size the art by hand. Enlarge or reduce the symbol and border as a complete unit.

Color Schedule

Black

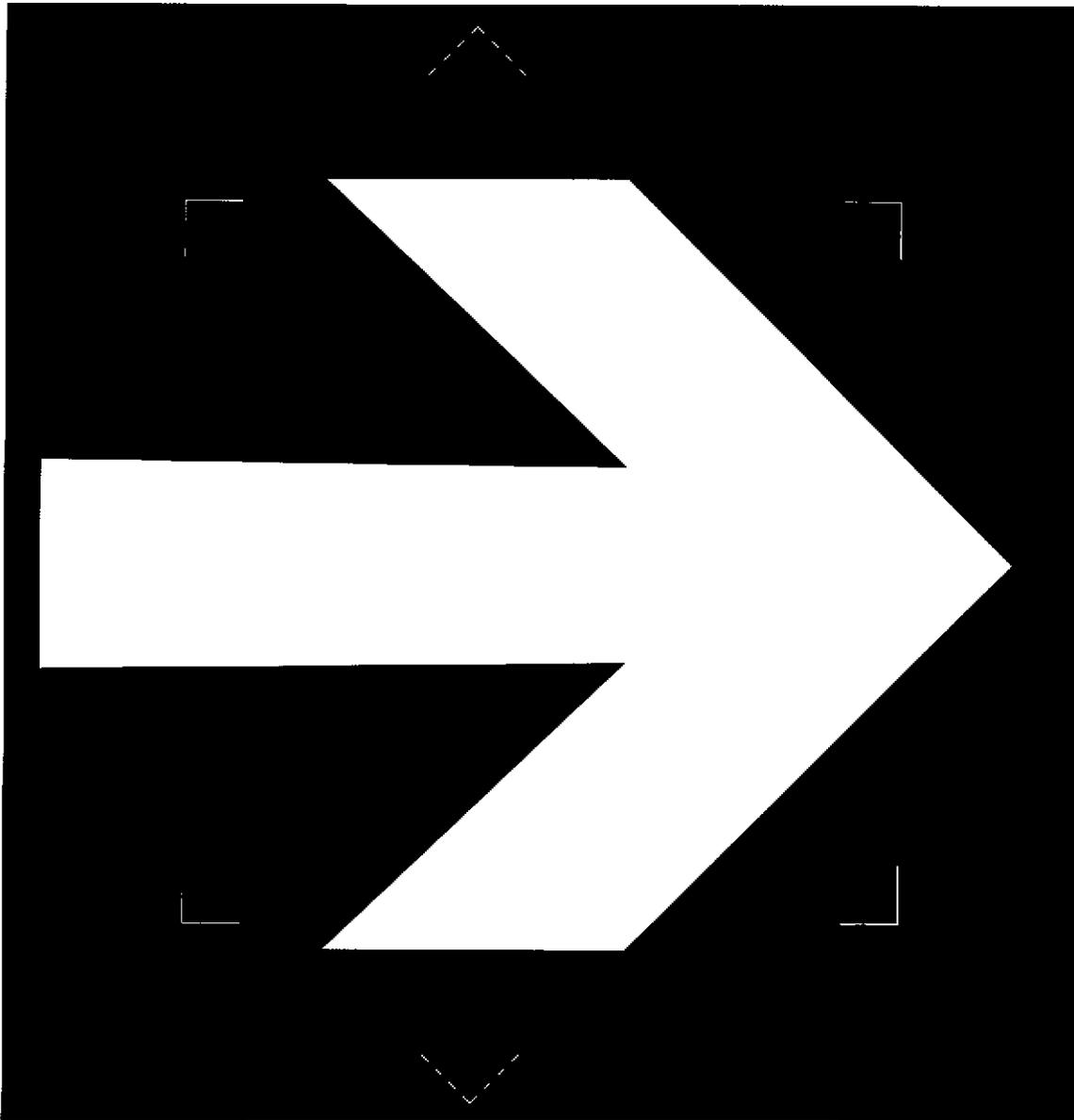
Green PMS-348

Borderline and Legend

background of Logo

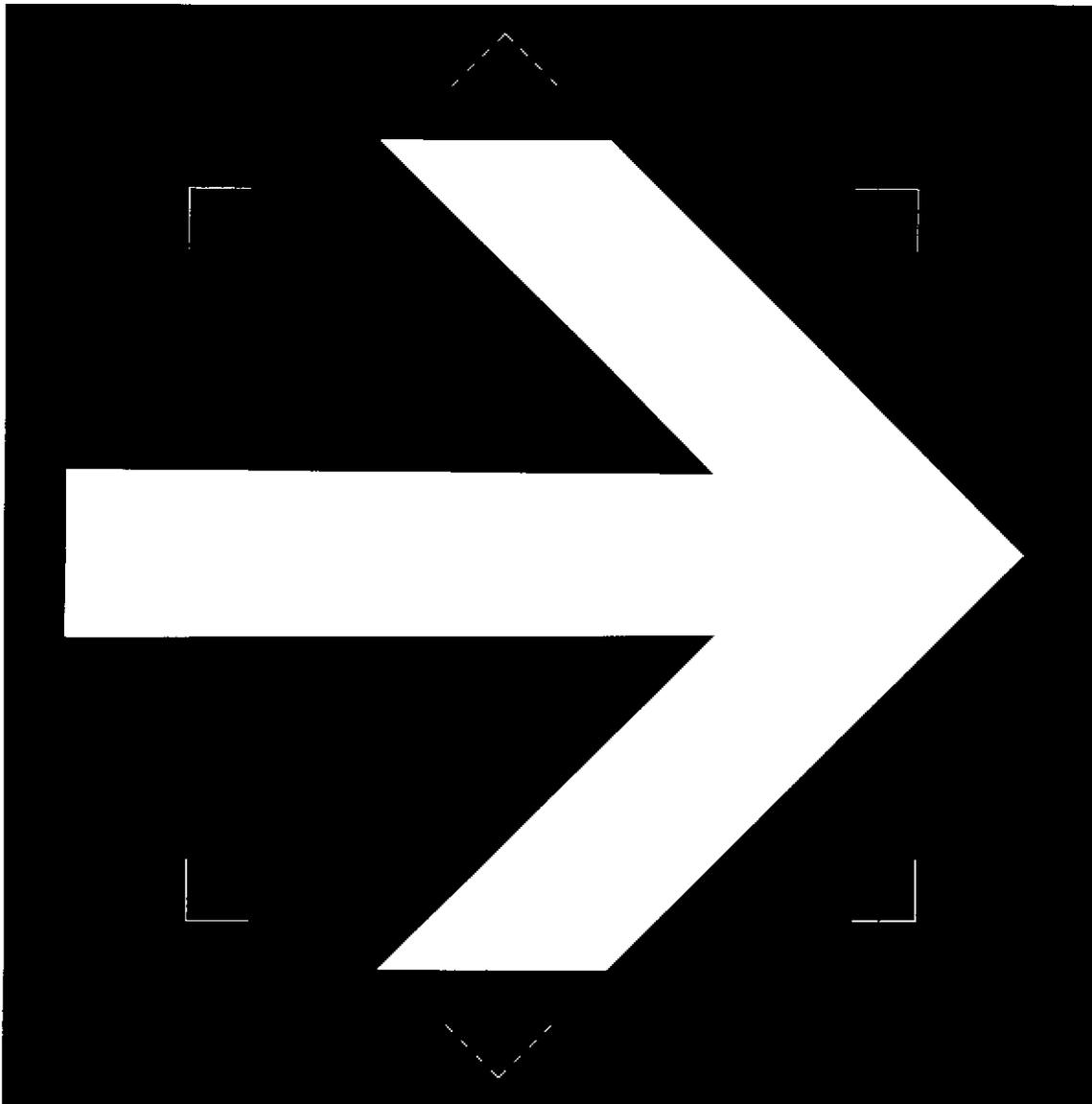


Reproduce this art for signs using a distortion-free photo-mechanical process. Do not re-size the art by hand. Enlarge or reduce the symbol and border as a complete unit.



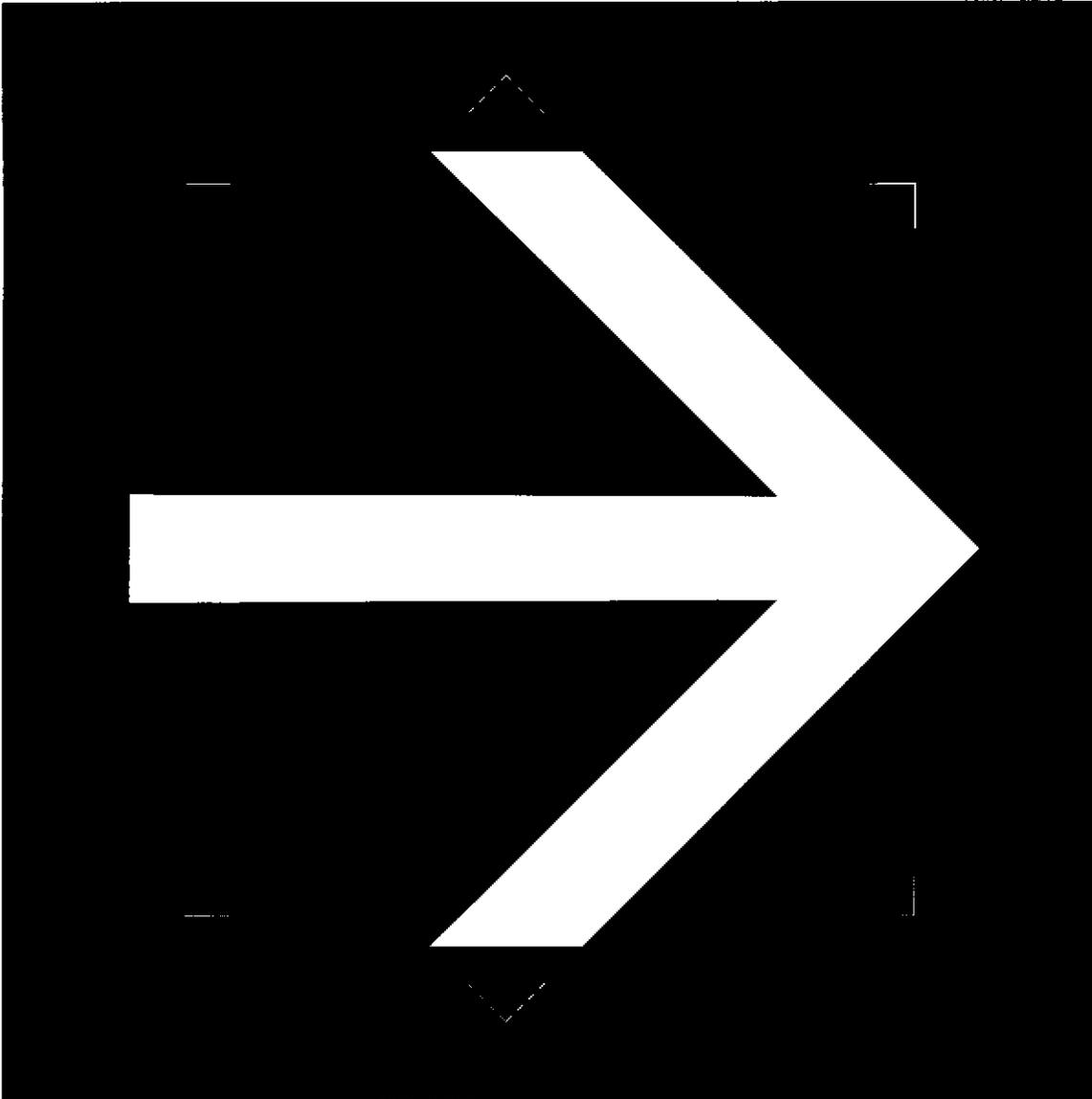
Reproduce this arrow for signs using a distortion-free photo-mechanical process. Do not re-size the art by hand. Enlarge or reduce the arrow and crop-marks as a complete unit.

The arrow is intentionally sized slightly larger than the corresponding line of type. Determine size and alignment by using the brackets placed around the arrow. Trim these away after the arrow has been sized and placed on the artwork. The stem and wingspan of the arrow are always the same, regardless of direction.



Reproduce this arrow for signs using a distortion-free photo-mechanical process. Do not re-size the art by hand. Enlarge or reduce the arrow and crop-marks as a complete unit.

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Plan ID No.	Legend: Line-for-line	Panel Size	Legend Size	Notes
		Post Size	View Dist.	
		HAGL	Photo No.	

Plan ID No.	Legend: Line-for-line	Panel Size	Legend Size	Notes
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		Post Size	View Dist.	
		HAGL	Photo No.	

Project Name/Location



US Army Corps of Engineers

Prep. by: _____ Date _____ Review by: _____ Date _____ Page _____ of _____ pages

Sign Inventory Worksheet

Plan ID No.	Sign Type	Legend Size (A)	Panel Size	Specification Code	Special, Not Std.			
	Post Size	HAGL	Color	Installation Date	Mfgr.	Replace FY	Compliance	Manual Page
Legend: Line-for-line					Notes			

Plan ID No.	Sign Type	Legend Size (A)	Panel Size	Specification Code	Special, Not Std.			
	Post Size	HAGL	Color	Installation Date	Mfgr.	Replace FY	Compliance	Manual Page
Legend: Line-for-line					Notes			

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Legend: Line-for-line					Notes			

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Legend: Line-for-line					Notes			

Plan ID No.	Sign Type	Legend Size (A)	Panel Size	Specification Code	Special, Not Std.			
	Post Size	HAGL	Color	Installation Date	Mfgr.	Replace FY	Compliance	Manual Page
Legend: Line-for-line					Notes			



US Army Corps
of Engineers

Project Name/Location

Prep. by: _____ Date: _____ Review by: _____ Date: _____ Page of _____ pages

Sign Schedule Worksheet



US Army Corps of Engineers

Project Sign Order Worksheet

Requisition Number _____

Date _____

Page _____ of _____ pages

Ship To: _____

Prepared by: _____

Date _____ Telephone _____

Approved by: _____

Date _____ Telephone _____

Ordered by: _____

Date _____ Telephone _____

Instructions: Enter all requested information. Use separate Sign Order Worksheets for each different sign type. Multiple orders of identical sign types can be combined on one worksheet. Attach this order and other appropriate documentation to standard form DA-3953 and process through approved procedure within each district.

Order Summary

- Sign Panel(s) only
- Sign Panel(s) with posts (and frame as required)
- Post and Panel with installation
- Single face sign (one panel)
- Double face sign (two panels)
- Corps Castle insert

1a. Sign Panel	Sign Type	Manual Page	Legend Size	Panel Size	Grid No.	Spec. Code	Color	Plan ID No.

1b. Custom Sign Panel

Use for: identification, directional, symbol, and special application signs

Legend: Line-for-line as to appear on sign

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Use to specify directional symbol and slat system signs

Symbol/Slat 1	Symbol/Slat 2
Symbol/Slat 3	Symbol/Slat 4



For Symbol Signs indicate arrow direction by number.

For Slat System Signs (HDO-9) indicate number of slats.

Comments _____

2. Mounting Assembly

<input type="checkbox"/> Ground Mounted	Post-size _____	HAGL _____
<input type="checkbox"/> Wall Mounted	Surface material _____	
Comments _____		

3. Installation

Note any special requirements or site conditions that will effect sign placement.

4. Cost Summary

Sign Panel	Cost per unit	Quantity	Cost
	\$ _____		\$ _____
Mounting Assembly	\$ _____		\$ _____
Installation	\$ _____		\$ _____
Shipping	\$ _____		\$ _____
Total Cost			\$ _____

Plan ID No.	Sign Location	Date
	Description of Problem	Recommended Action
Plan ID No.	Sign Location	Date
	Description of Problem	Recommended Action
Plan ID No.	Sign Location	Date
	Description of Problem	Recommended Action
Plan ID No.	Sign Location	Date
	Description of Problem	Recommended Action
Plan ID No.	Sign Location	Date
	Description of Problem	Recommended Action



**US Army Corps
of Engineers**

Project Name/Location					
Prep. by:	Date	Review by:	Date	Page	of pages

Sign Maintenance Field Report Worksheet



US Army Corps of Engineers

Sign Maintenance Repair/Replacement Work Order

Prepared by: Foreman

Date

Requisition Number

Plan ID No. Project Name and Sign Location

Instructions: Use this form to request sign maintenance or replacement as reported on the Sign Maintenance Field Report Worksheet. Place "NA" in any space that is not applicable to this request. This Worksheet should be retained for shop records with copies for Maintenance Foreman and Project Sign Coordinator.

Sign Type	Legend Size	Panel Size	Specification Code	Special, Not Standard
Post Size	HAGL	Color	Installation Date	Mfgr. Code
Description of problem and recommended action.				Comply (check) Manual Page

Ranger Report Date

Report by (name)

- Wash sign
- Remove graffiti
- Repair sign face
- Replace sign panel
- Repair sign mount
- Replace sign mount
- Remove sign
- Replace with new sign panel and mount

Reviewed by Project Sign Coordinator

Materials Required From Stock Order

Order Materials from Date Ordered

Expected Delivery

Requisition Ref. No.

Equipment Needed

Labor Required Staff Crew Contract

Time Required

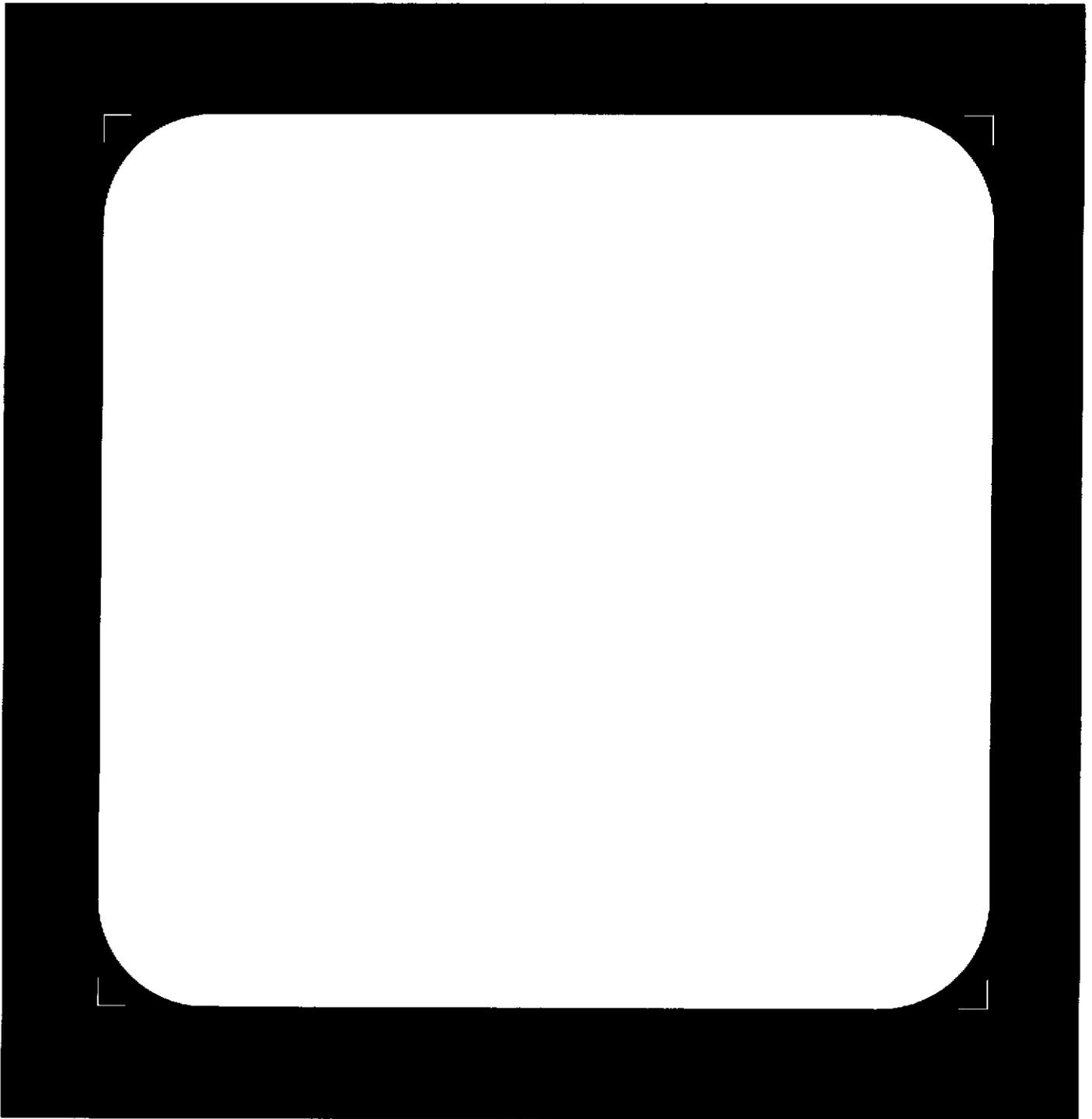
Work to Begin (date)

Foreman

Project Review/Inspection Date Completed

Inspected by

Update Project Sign Schedule Date



Reproduce this window border and inserted prohibition symbol using a distortion-free photo-mechanical process. Do not re-size the art by hand. Enlarge or reduce the symbol and border as a complete unit.

Sign Panel Size	A	Symbol Window Size	Reduction/Enlargement
10.5" x 43.5"	3"	6.75"	0.84%
14" x 58"	4"	9"	1.12%