

Alfred Raegan Tub Mill  
Roaring Fork Trail  
Great Smoky Mountains National Park  
Gatlinburg vicinity  
Sevier County  
Tennessee

HABES No. TN-169

HABES  
TENN

72-GAT.V,  
4-

REDUCED COPIES OF MEASURED DRAWINGS

Addendum to:  
Alfred Raegan Tub Mill  
Roaring Fork Trail  
Great Smoky Mountains National Park  
Gatlinburg vicinity  
Sevier County  
Tennessee

HABS No. TN-165

HABS  
TENN  
78-GAT.V  
4-

PHOTOGRAPHS

Historic American Buildings Survey  
National Park Service  
Department of the Interior  
Post Office Box 37127  
Washington, D.C. 20013-7127

ALFRED REAGAN TUB-MILL  
ROARING FORK TRAIL  
GREAT SMOKY MOUNTAINS NATIONAL PARK  
TENNESSEE

HISTORIC AMERICAN BUILDINGS SURVEY  
U. S. DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
BRANCH OF PLANS AND DESIGN

MEASURED:

DRAWN: 1957

MEASUREMENTS CHECKED:

DRAWINGS APPROVED:

DRAWINGS APPROVED:

ACCEPTED FOR LIBRARY OF CONGRESS:

DISTRICT OFFICER.

CHIEF ARCHITECT.

SURVEY NO.

TENN

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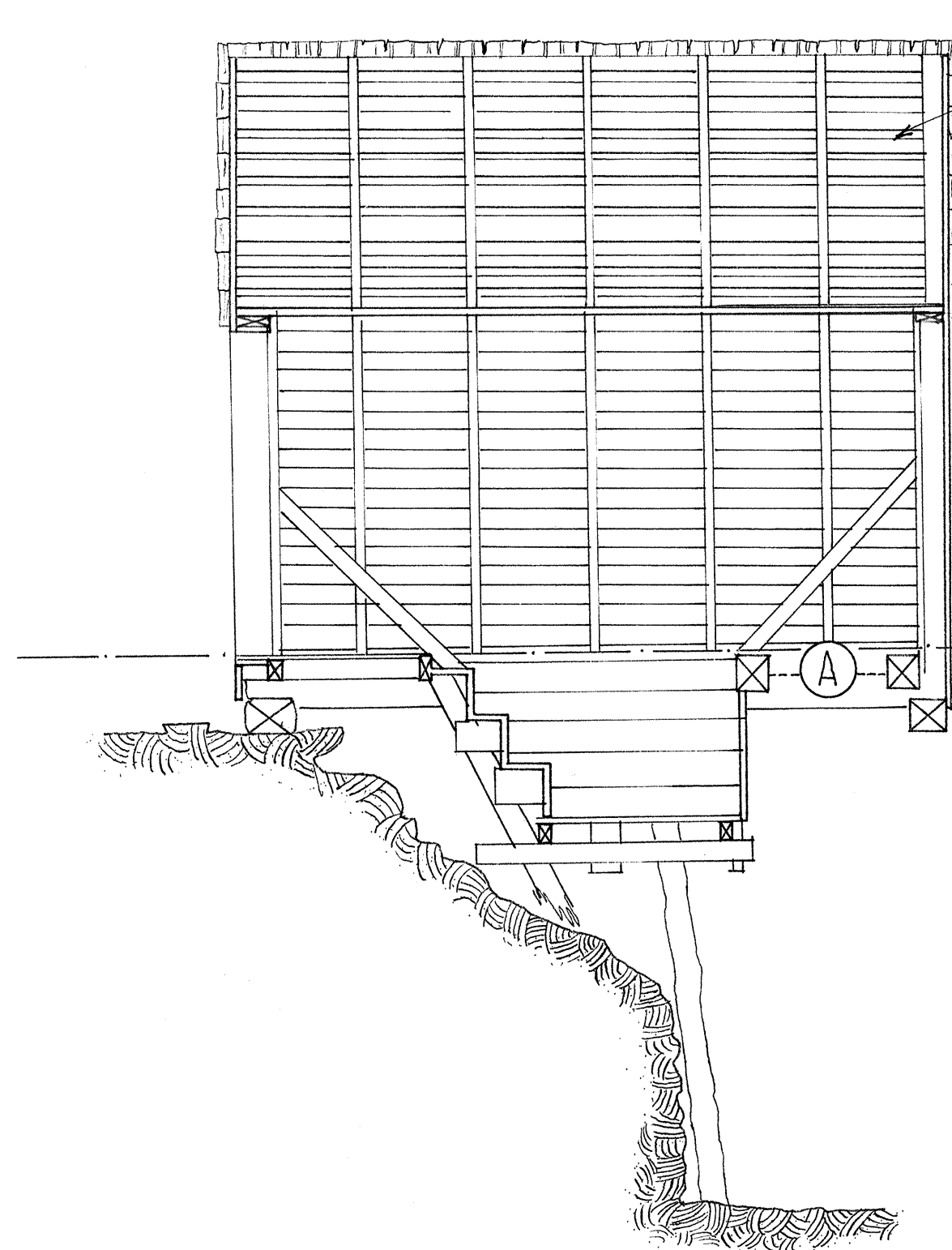
4 SHEETS

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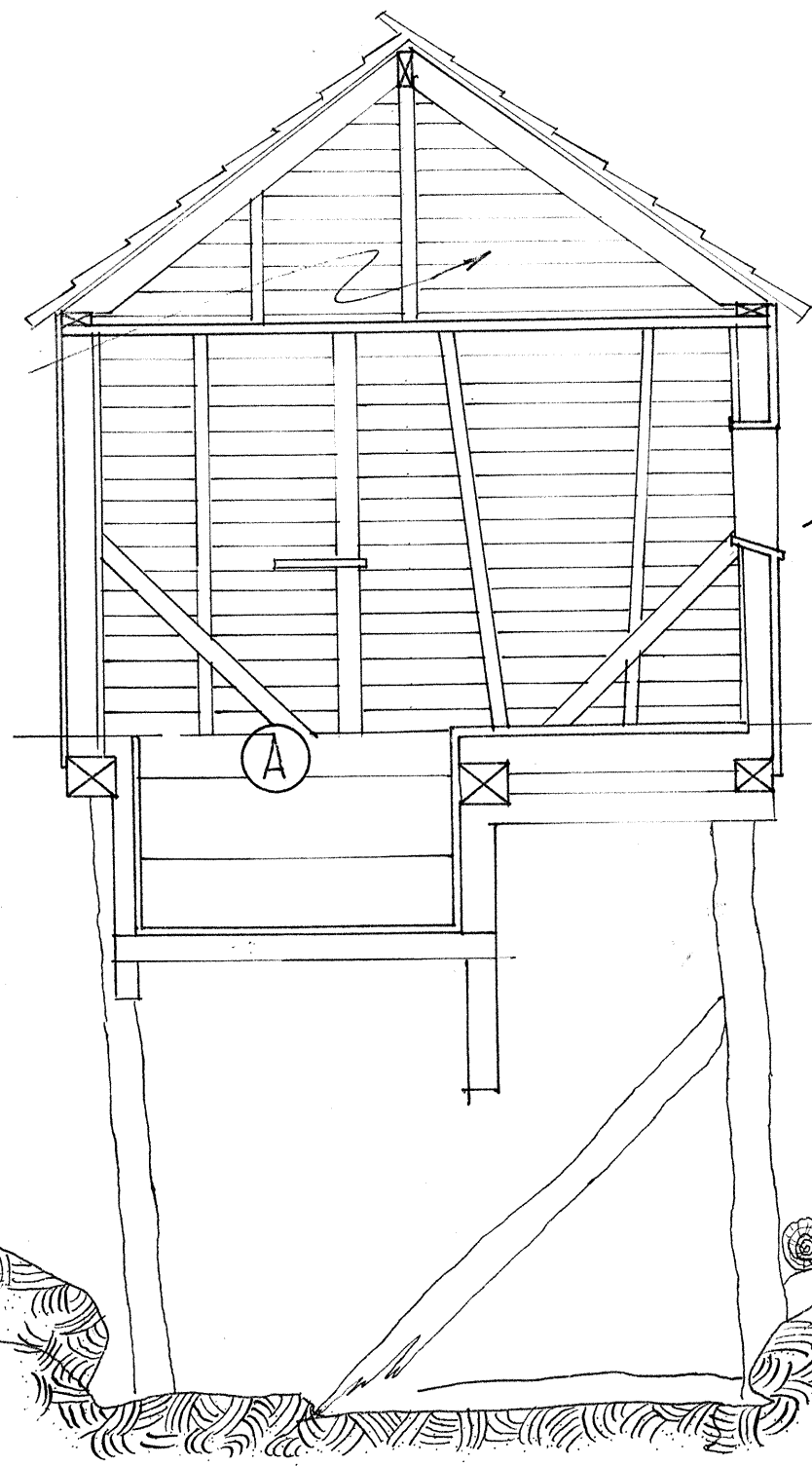


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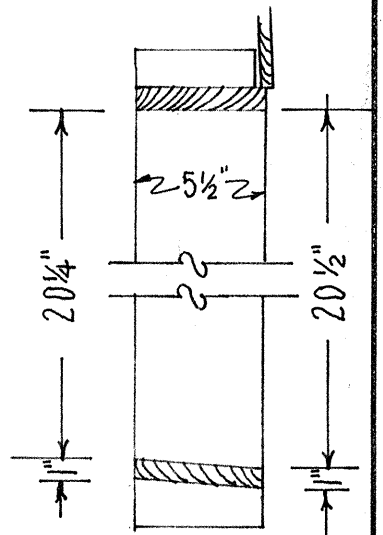
ROOF LATH CIRCULAR SAWN OAK  
2" TO 5" WIDE - RANDOMLY SPACED

NAIL HOLES ETC. INDICATE  
THERE WAS A 3<sup>RD</sup> SUPPORT IN  
GABLE

FLOOR LEVEL



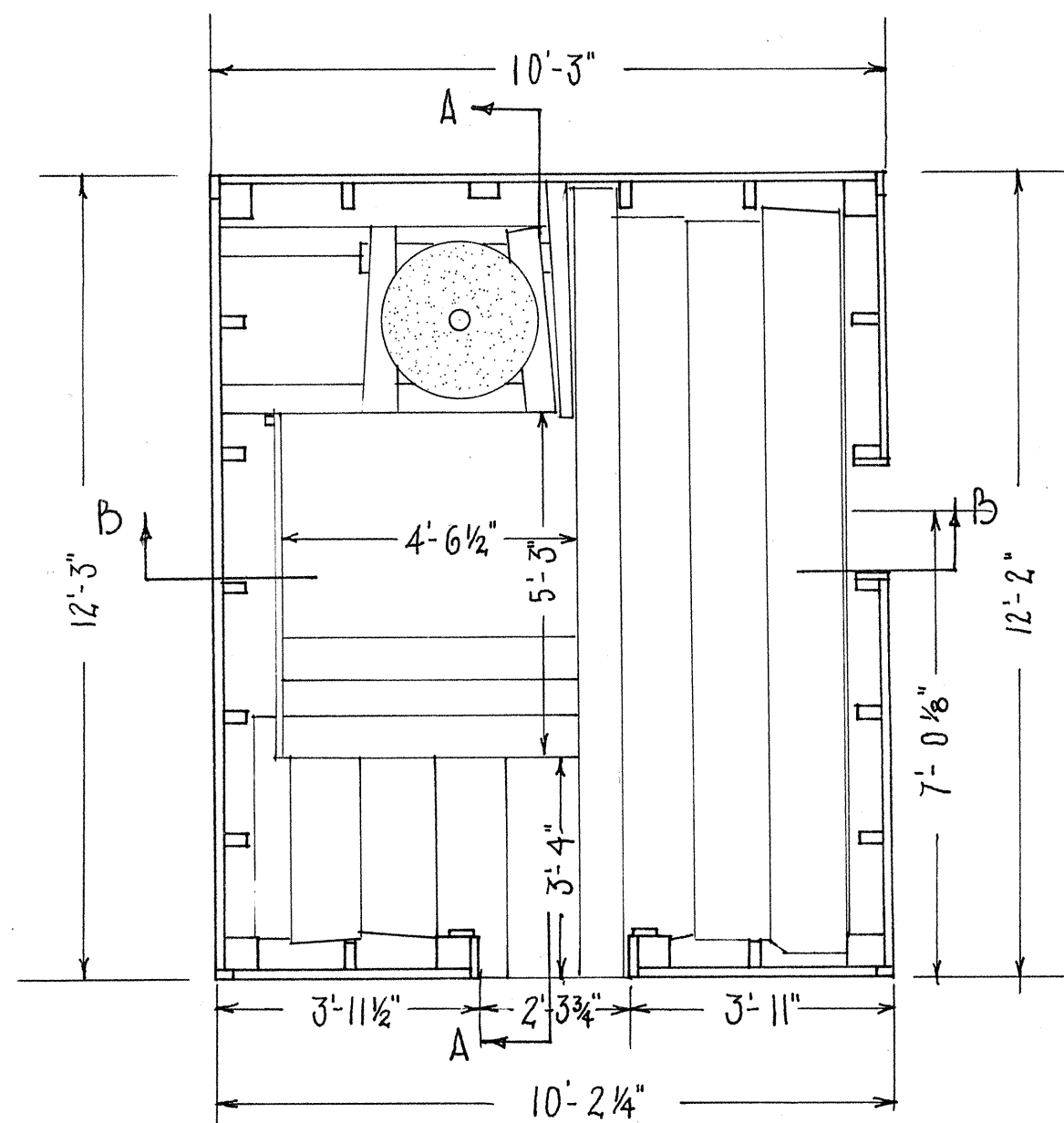
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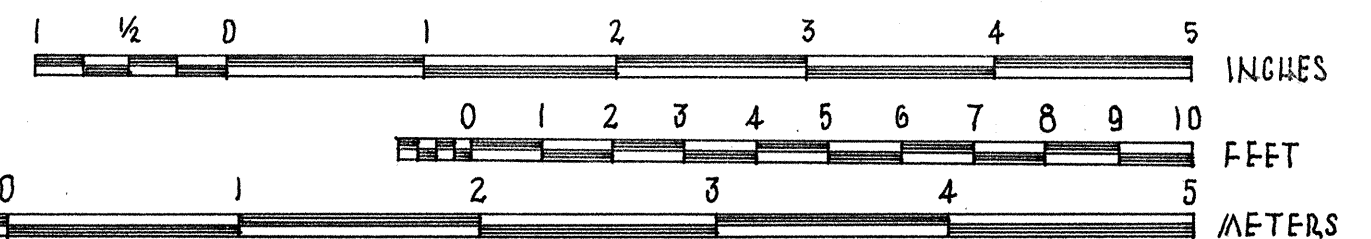
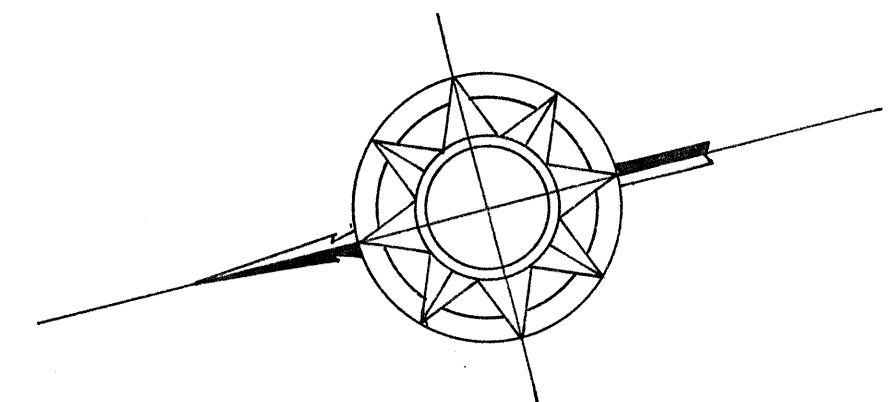
WINDOW  
DETAIL  
SCALE: 1 1/2" = 1'-0"

(A) SEE DETAIL SHEETS FOR INFORMATION  
CONCERNING MILL STONES, HOPPER,  
MILL STONE-HOOD, & CRADLE, AS WELL  
AS FRAMING DETAILS.

NOTE:  
RAFTERS (2" x 5" WHITE PINE) SIT DIRECTLY  
ABOVE STUDS (2" x 4") WHICH HAVE NO  
REGULAR SPACING, BUT ARE THE SAME ON  
BOTH SIDES OF MILL



PLAN



SAMUEL E. HENRY - DEL. 1957

EASTERN OFFICE - DIVISION OF DESIGN & CONSTRUCTION  
PHILADELPHIA  
UNDER DIRECTION OF UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE, BRANCH OF PLANS AND DESIGN

NAME OF STRUCTURE

ALFRED REAGAN TUB MILL

ROARING FORK • GREAT SMOKY MOUNTAINS NATIONAL PARK • SEVIER COUNTY • TENNESSEE

SURVEY NO.  
TENN  
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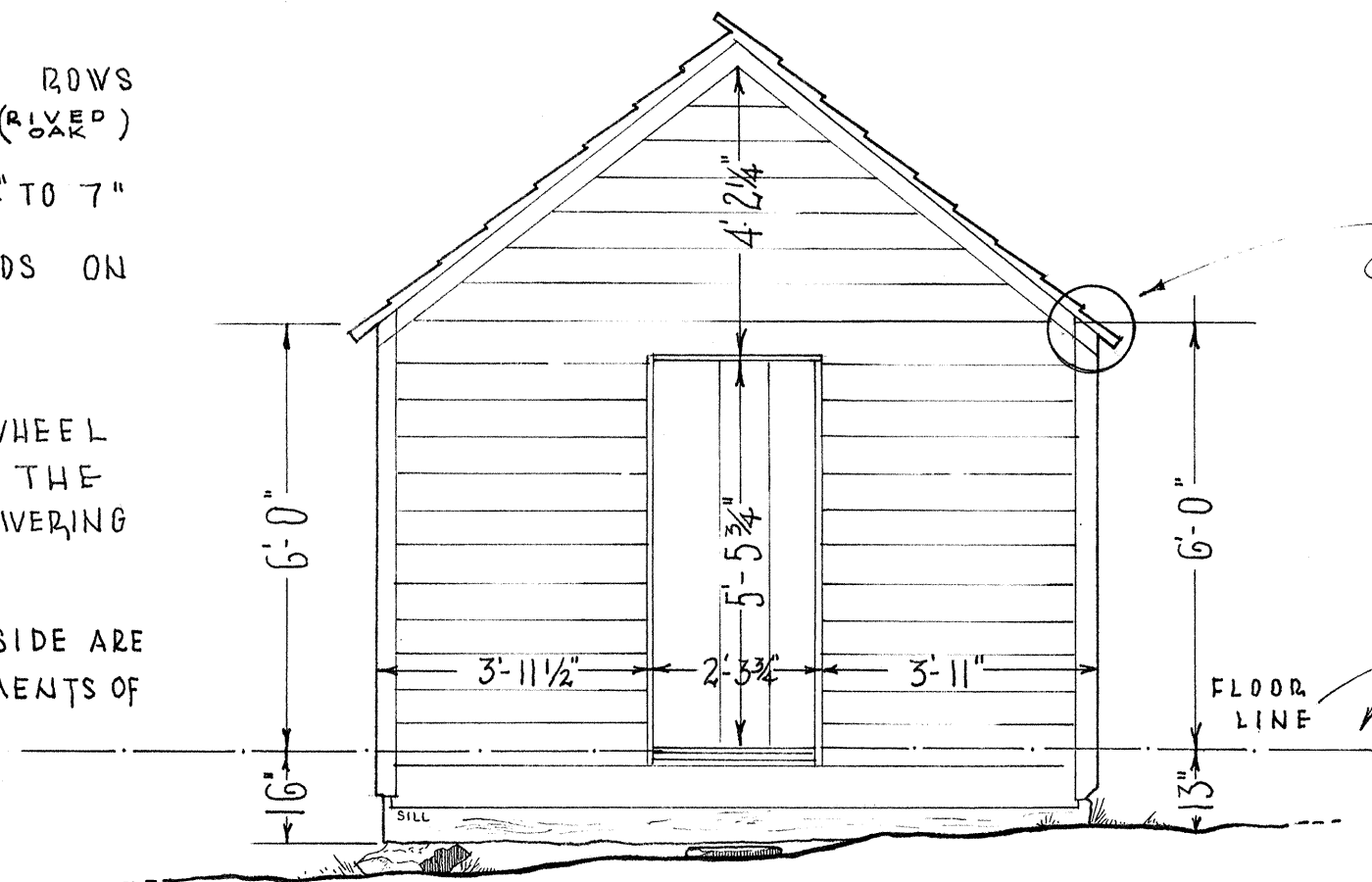
HISTORIC AMERICAN  
BUILDINGS SURVEY  
SHEET 1 OF 4 SHEETS

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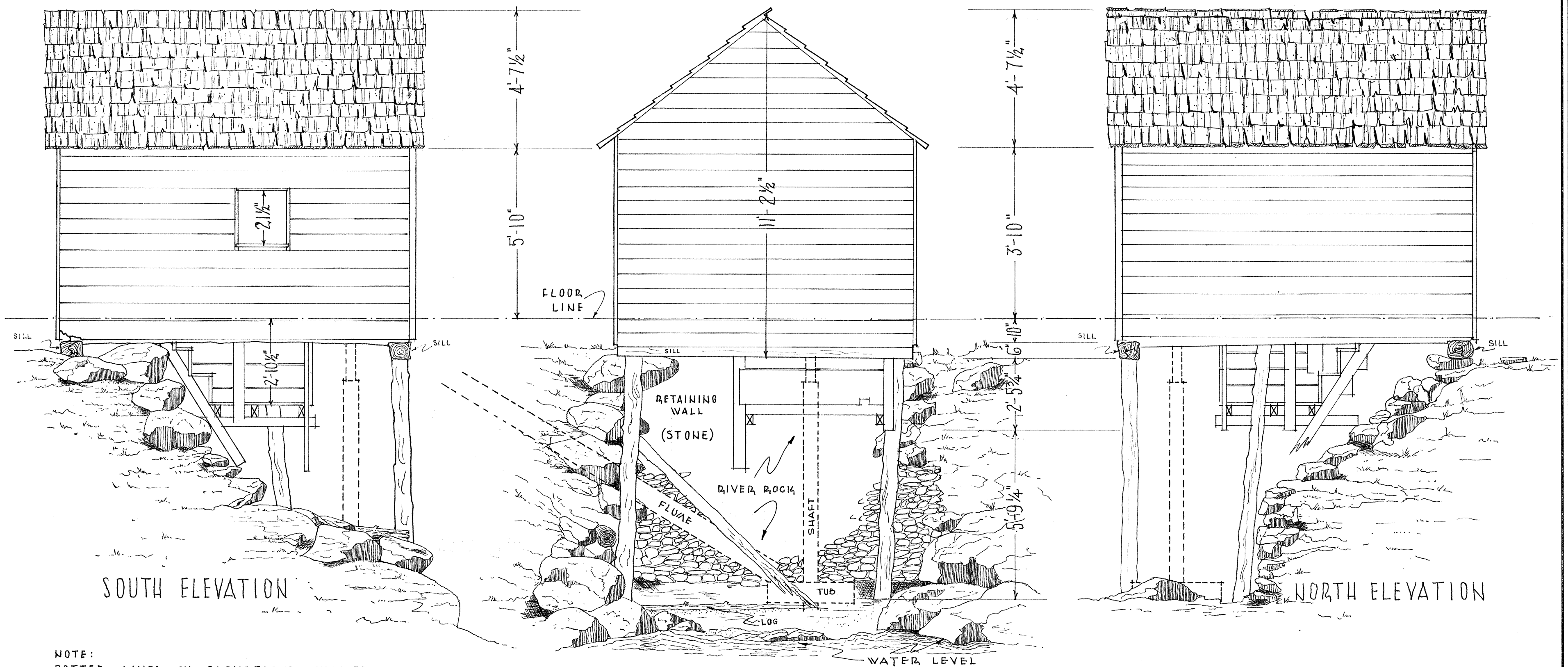
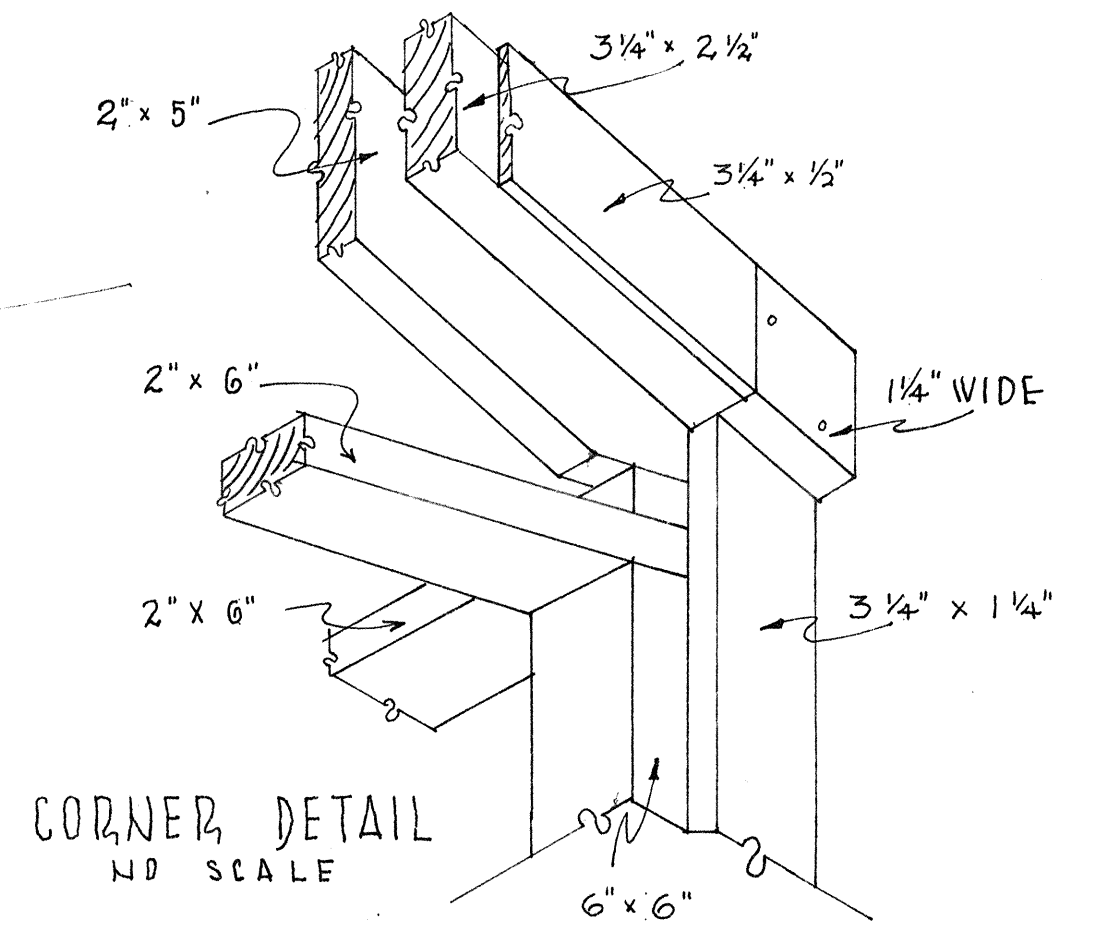
8 ROWS SHINGLES ON NORTH SIDE OF MILL & 9 ROWS ON SOUTH SIDE—24" LONG & LAID 9" TO WEATHER (R&L)  
 PLANED, YELLOW DOPLAR CLAPBOARDS 1/2" BY 6 3/4" TO 7"  
 NO EAVES, ONLY OVERHANG OF SHINGLES, CLAPBOARDS ON SIDES MEET SHINGLES  
 DOOR, HINGED ON LEFT—OPENS IN

THE AMOUNT OF WATER ENTERING THE TUB-WHEEL COULD BE CONTROLLED FROM THE WINDOW ON THE SOUTH SIDE OF THE MILL BY RAISING AND LOWERING THE GATE IN THE FLUME

ALL PARTS OF THE MILL EXCEPT THOSE ON THE INSIDE ARE MISSING WITH THE EXCEPTION OF SEVERAL FRAGMENTS OF THE FLUME.



WEST ELEVATION



SOUTH ELEVATION

EAST ELEVATION  
 SCALE: 3/8" = 1'-0"

NORTH ELEVATION

NOTE:  
 DOTTED LINES ON ELEVATIONS INDICATE  
 LOCATION OF FLUME, TUB, OR SHAFT—(ALL MISSING)

SAMUEL E HENRY DEL. 1957

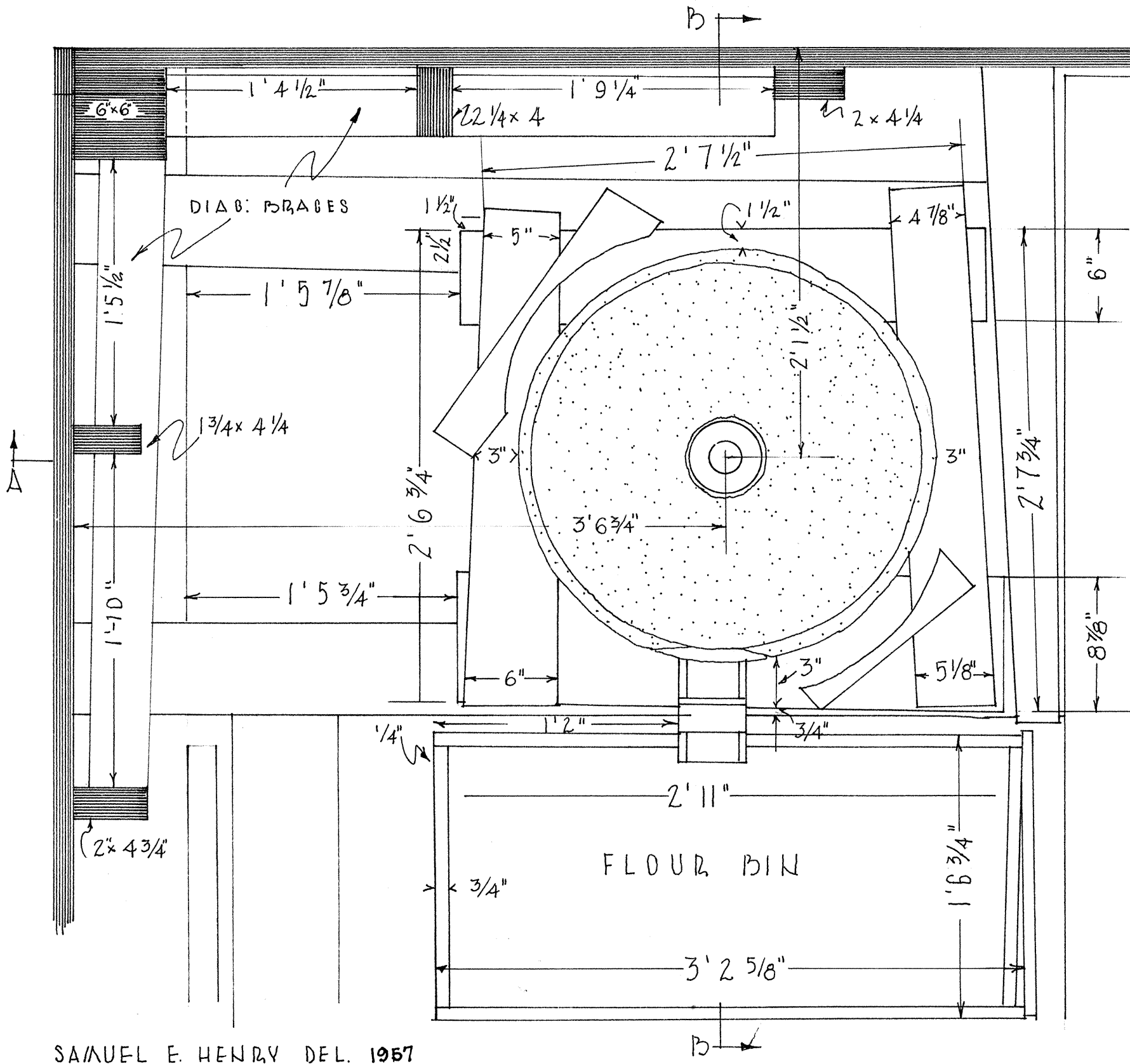
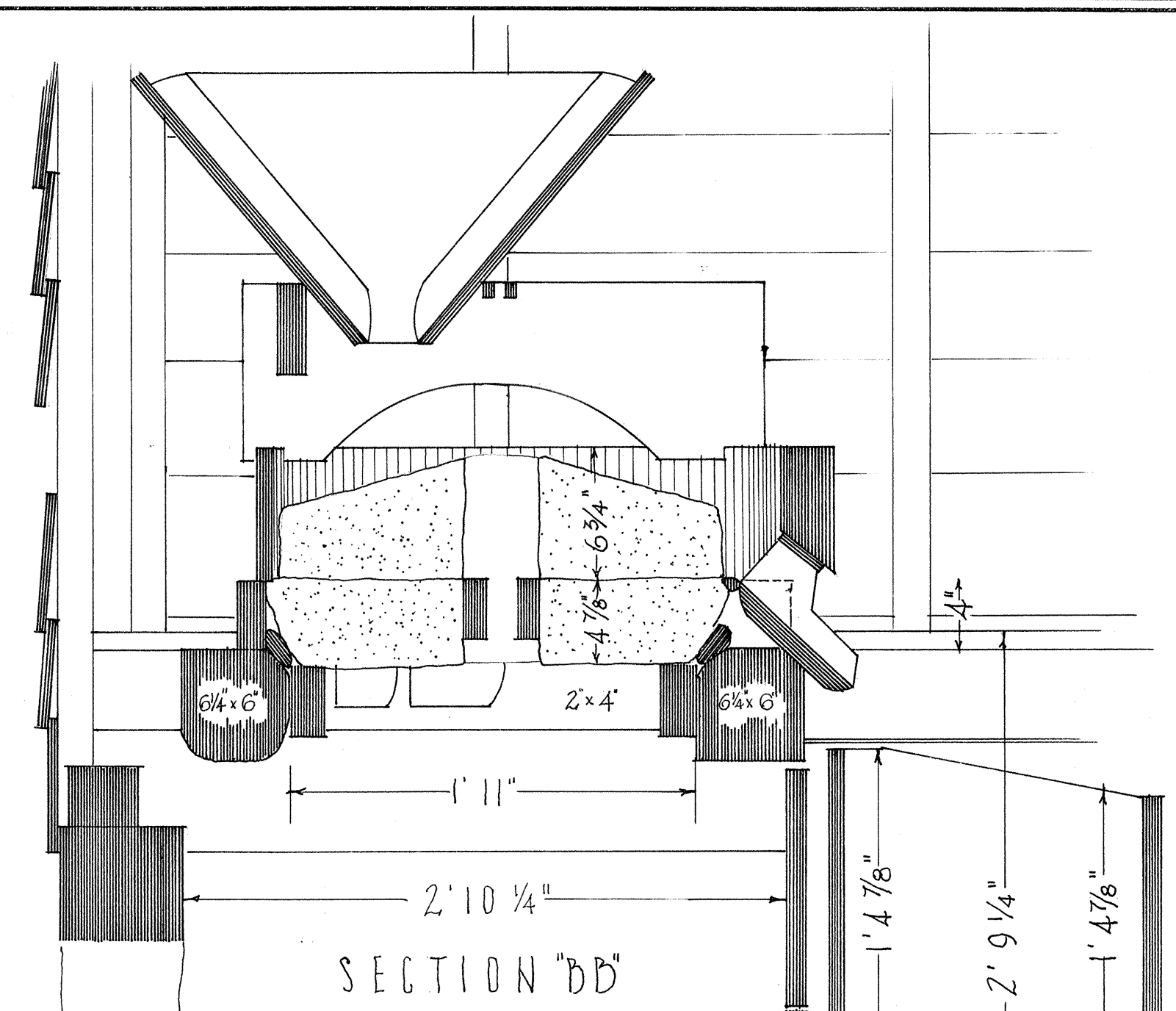
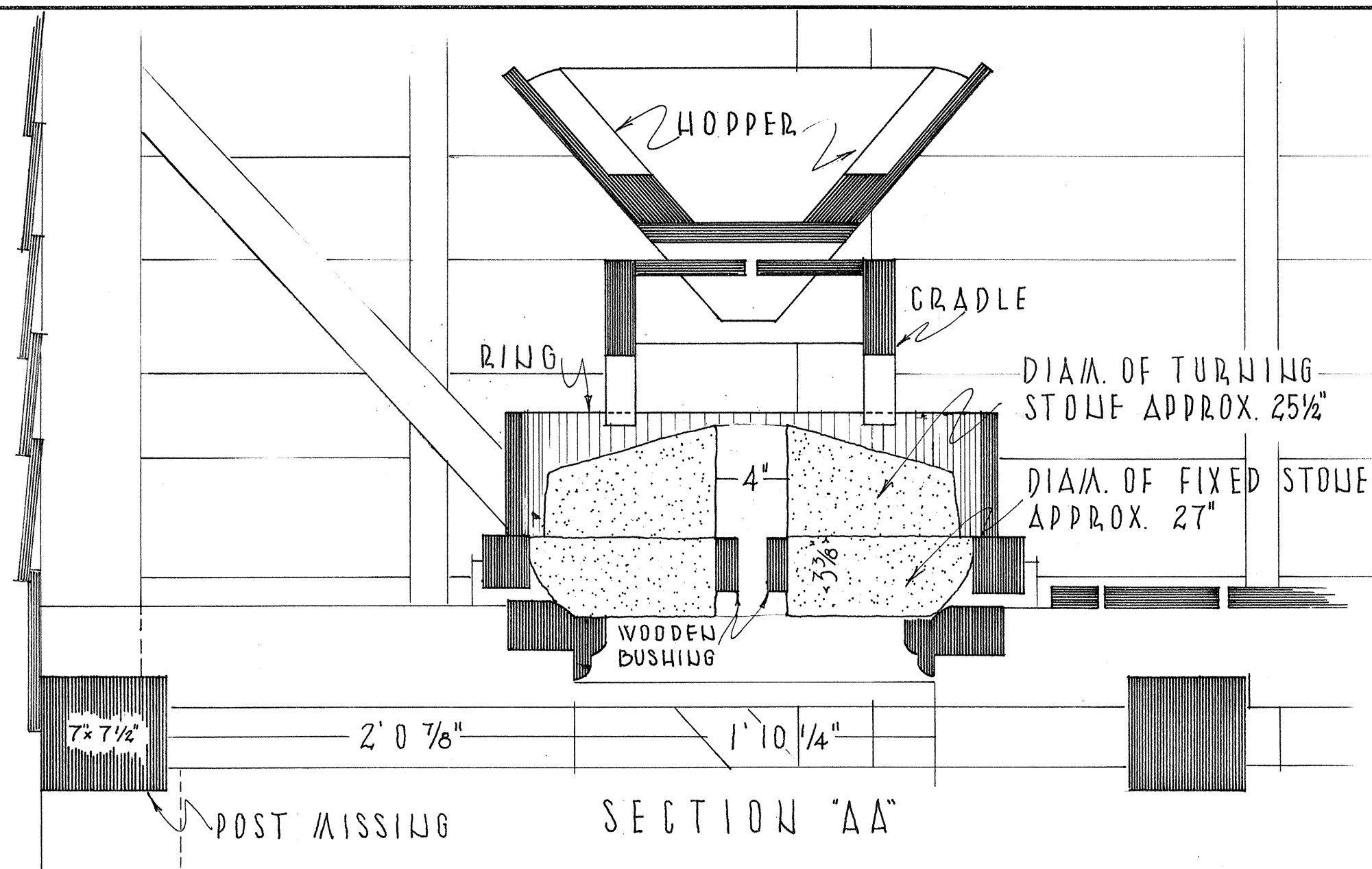
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NAME OF STRUCTURE  
**ALFRED REAGAN TUB MILL**  
 ROARING FORK • GREAT SMOKY MOUNTAINS NATIONAL PARK • SEVIER COUNTY • TENNESSEE

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HISTORIC AMERICAN  
 BUILDINGS SURVEY  
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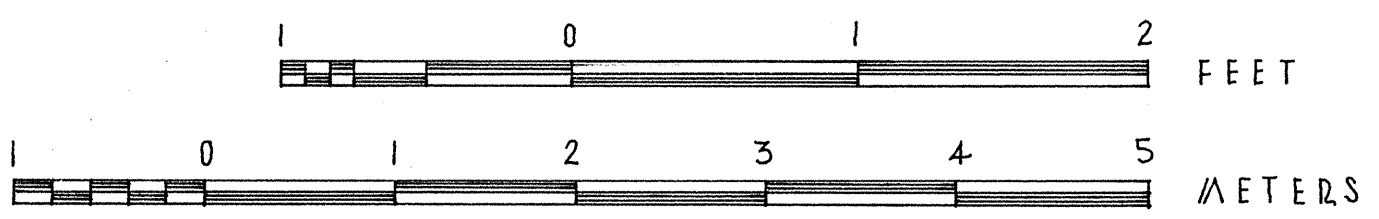
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DETAILS - REMAINING PARTS  
OF GRISTMILL  
SCALE: 1 1/2" = 1'-0"

PLAN  
HOPPER, CRADLE  
AND RING REMOVED

NOTE: SEVERAL PARTS OF MILL HAVE BEEN REMOVED,  
TAGGED & STORED BY N.P.S.



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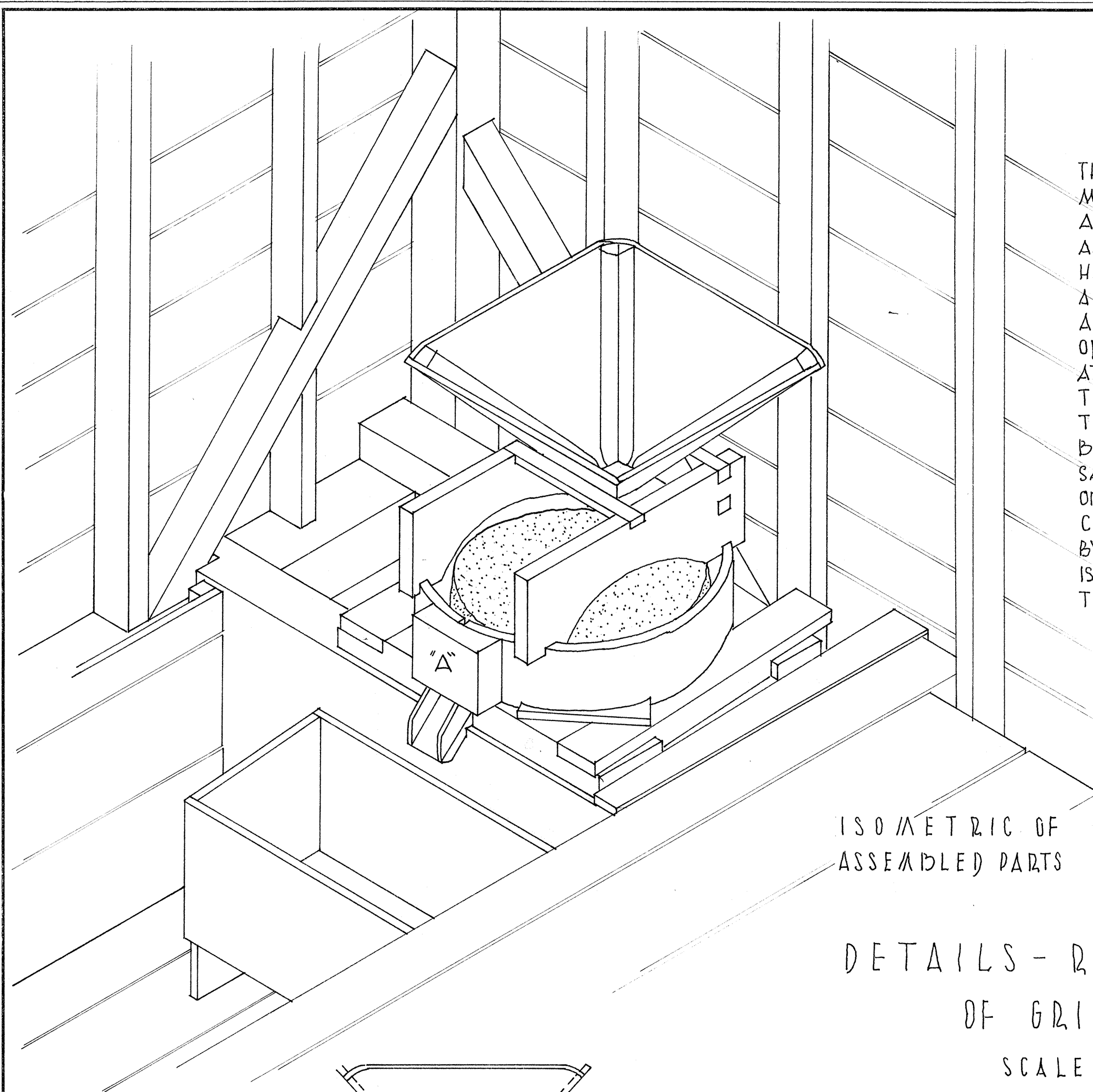
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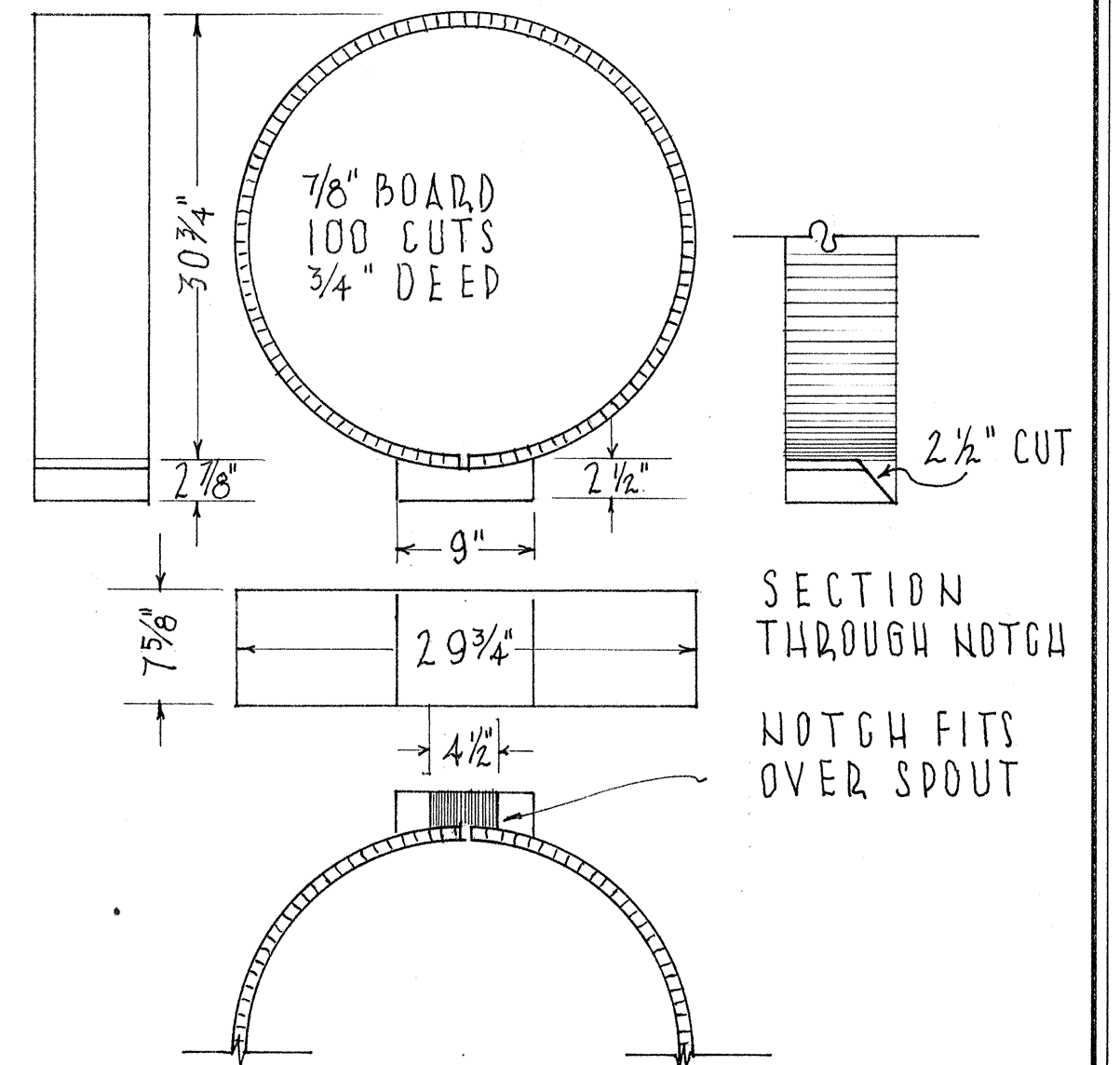
HISTORIC AMERICAN  
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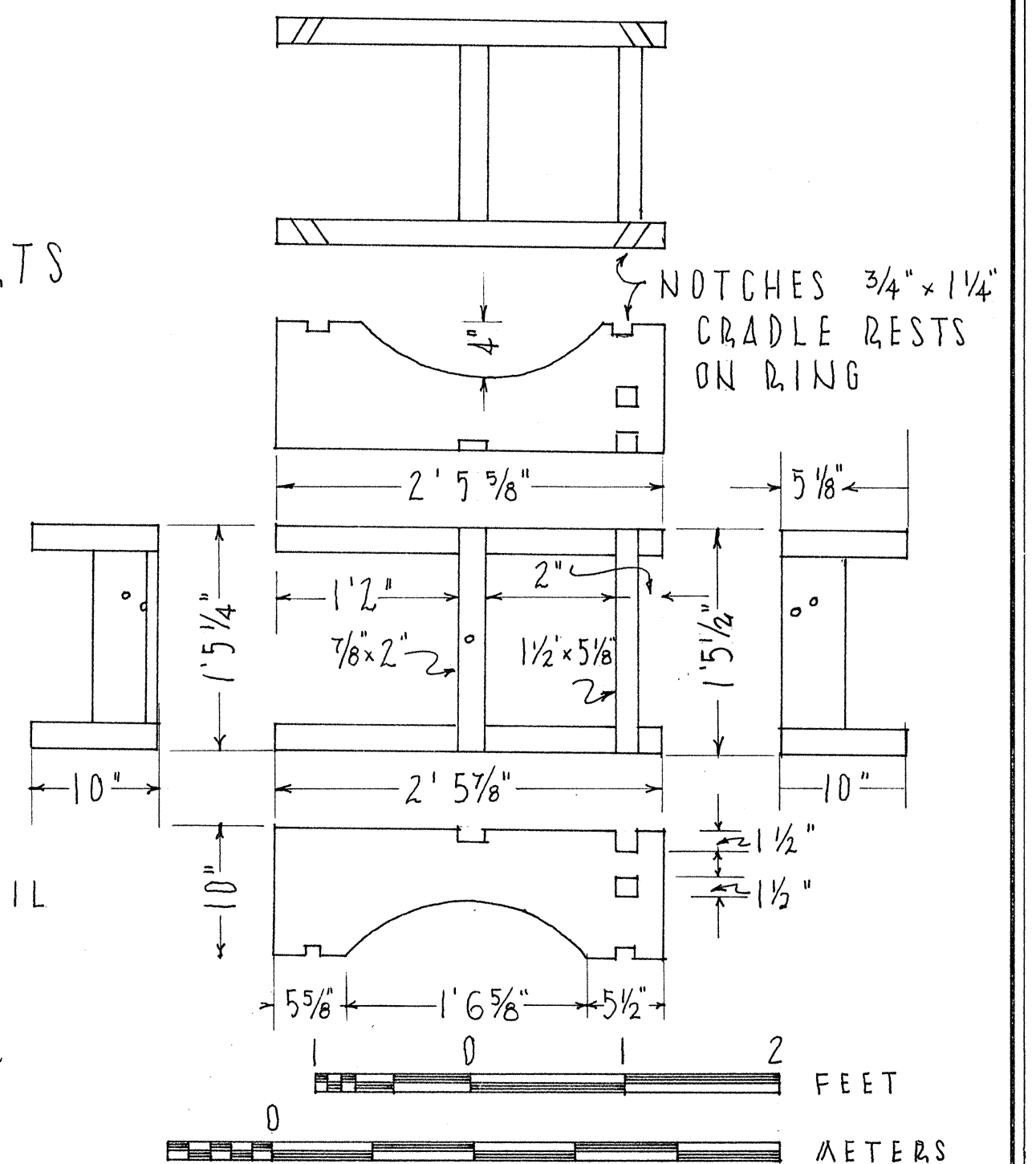
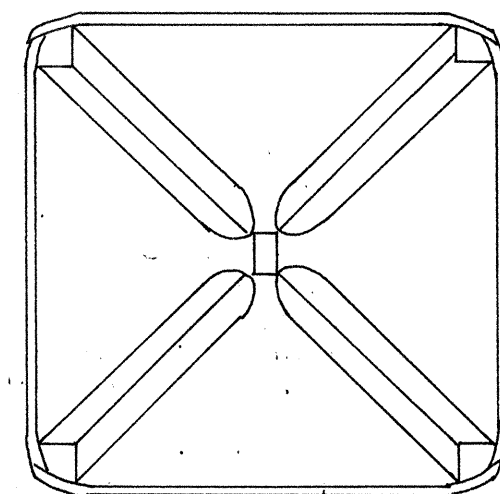
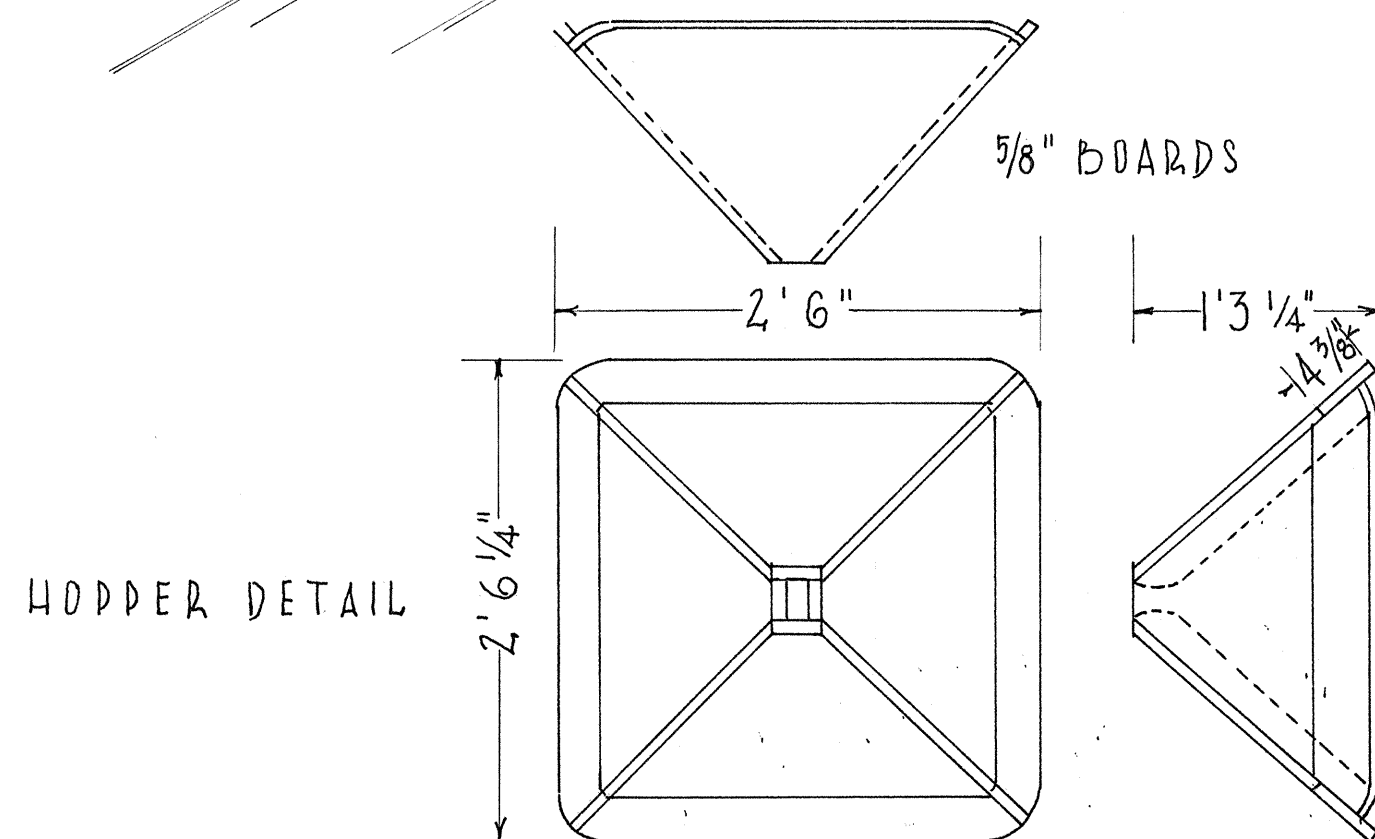


# CONSTRUCTION OF THE MILL-STONE HOOD

THE HOOD WHICH HOUSES THE  
MILL STONES IS MADE FROM A  
SINGLE, WHITE PINE BOARD  
APPROXIMATELY 1" BY 7½". THE  
HOOD IS CONSTRUCTED BY TAKING  
A BOARD WHICH HAS NOT CURED  
AND SAWING GROOVES ABOUT ¾  
OF THE WAY THROUGH THE BOARD  
AT INTERVALS OF ABOUT 1 INCH.  
THEN BEND THE BOARD UNTIL  
THE ENDS ALMOST MEET. IT MAY  
BE NECESSARY TO GO BACK AND  
SAW SEVERAL MORE GROOVES IN  
ORDER TO MAKE THE CIRCLE  
CLOSE THEN THE BOX (MARKED  
BY "A" IN ISOMETRIC DRAWING)  
IS NAILED IN PLACE TO HOLD  
THE HOOD.



MILL-STONE HOOD DETAIL



SAMUEL E HENRY DEL. 1957

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HISTORIC AMERICAN  
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HABS No. TN-165

Jack E. Boucher, photographer April 1962

TN-165-1 WEST FRONT

TN-165-2 SOUTH SIDE

TN-165-3 WEST AND NORTH SIDES

TN-165-4 EAST SIDE SHOWING MILL STREAM

TN-165-5 INTERIOR, SHOWING MILL-WHEEL WITHIN HOUSING

TN-165-6 CLOSE-UP OF MILL-WHEEL WITHIN HOUSING

TN-165-7 SPRING

4732 No. 11-192-1

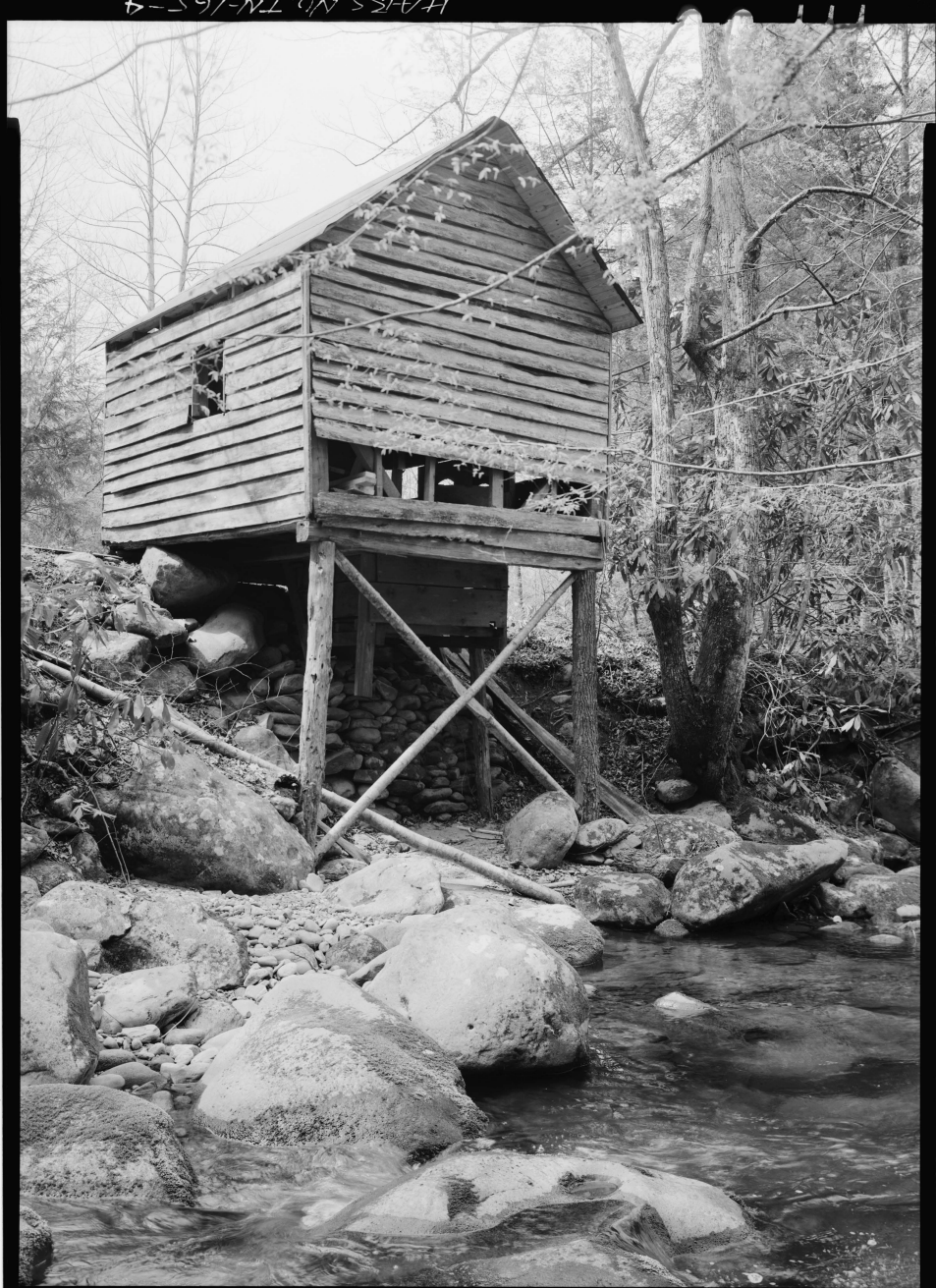




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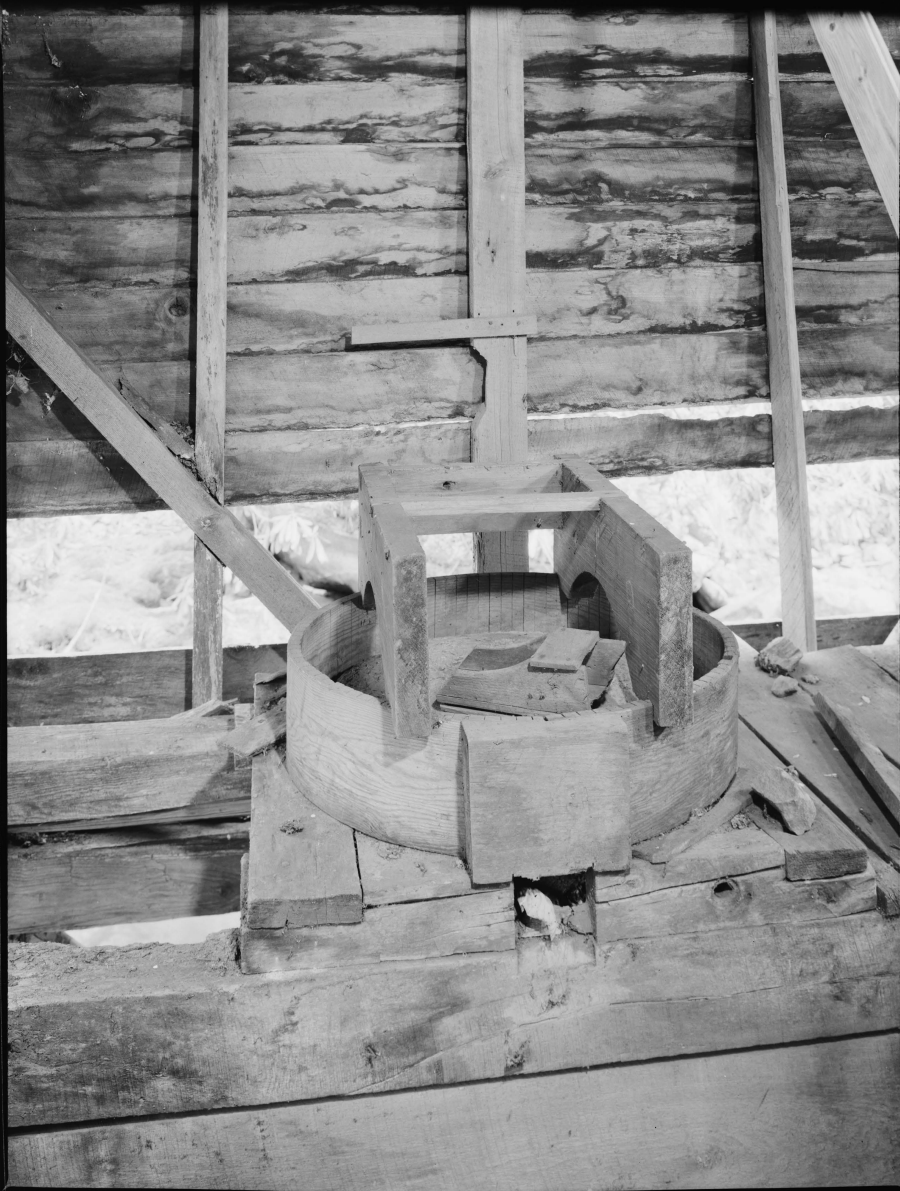
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HAAS M. 7N-165-6



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