

MCKENZIE DRIFT BOAT MUSIC TEMPLE
Grand Canyon Boats
Grand Canyon National Park
Grand Canyon
Coconino County
Arizona

HAER AZ-73
AZ-73

REDUCED COPIES OF MEASURED DRAWINGS

HISTORIC AMERICAN ENGINEERING RECORD
National Park Service
U.S. Department of the Interior
1849 C Street NW
Washington, DC 20240-0001

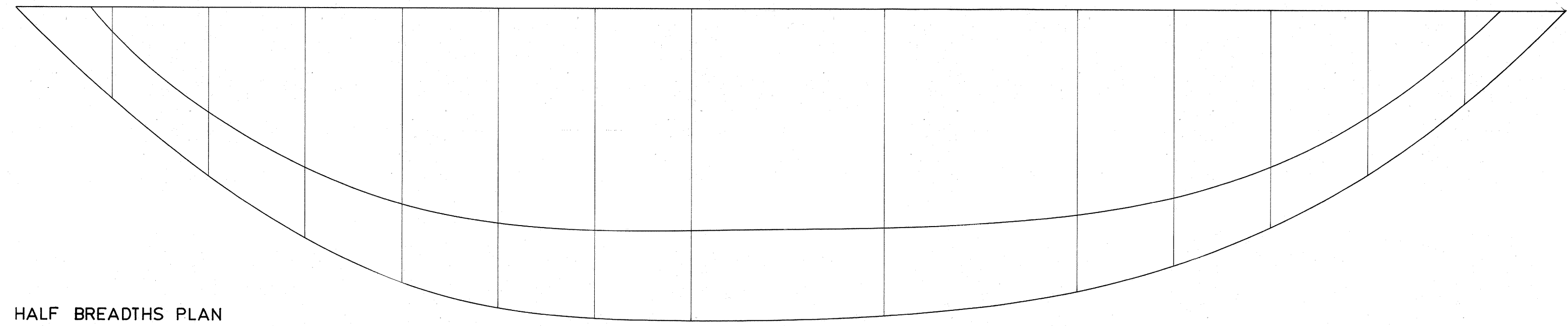
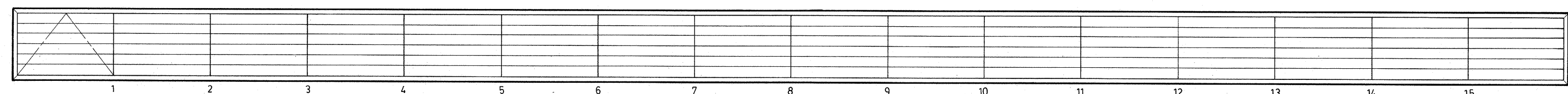
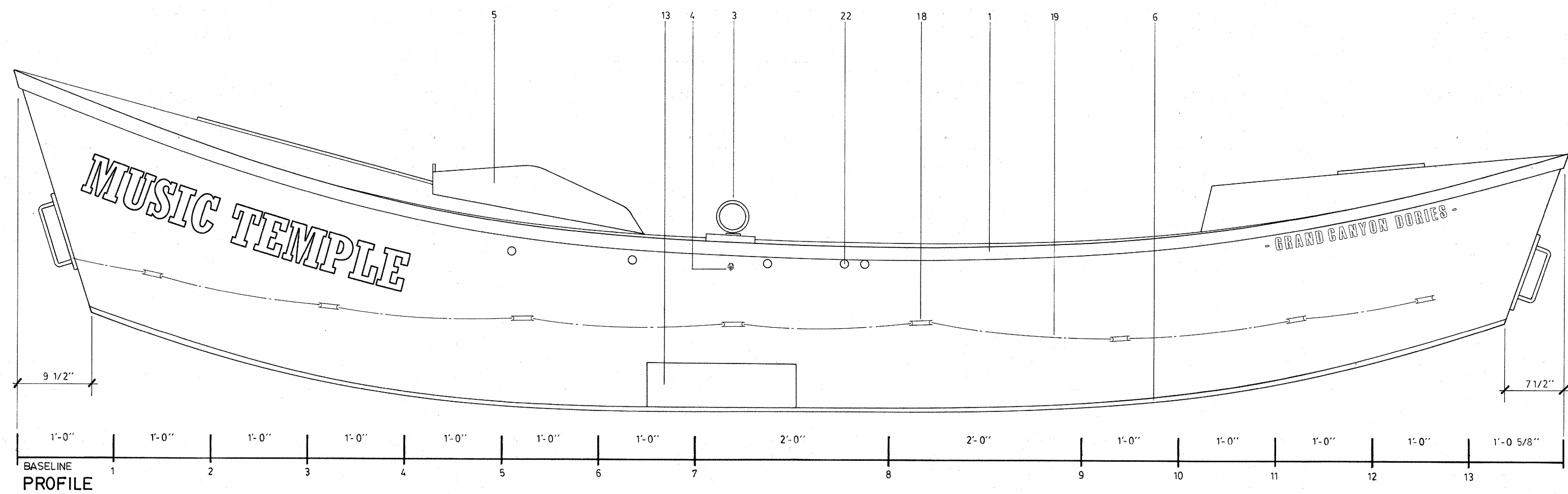


Table of Offsets																
	Stations	Bow	1	2	3	4	5	6	7	8	9	10	11	12	13	Stern
Height	Sheer	3-11-7	3-7-0	3-2-5	2-10-7	2-7-6	2-5-4	2-4-3	2-2-7	2-3-1	2-3-3	2-4-1	2-5-5	2-7-7	2-10-5	3-2-1
Above Base	Chine	1-5-7	1-4-7	1-1-0	0-9-4	0-7-1	0-6-2	0-5-7	0-5-6	0-6-0	0-6-3	0-7-2	0-9-0	0-11-6	0-3-3	1-4-7
Halfbreadths from Centerline	Sheer	-	0-11-3	1-9-3	2-4-6	2-10-4	3-1-6	3-2-5	3-2-7	3-0-7	2-10-7	2-7-7	2-3-0	1-8-2	0-11-3	-
	Chine	-	0-3-6	1-1-5	2-8-3	2-1-2	2-3-2	2-3-4	2-3-5	2-2-4	2-0-7	1-10-7	1-6-7	1-0-2	0-3-6	-

Offsets are in Feet-Inches-Eighths to outside of plank.
Stations are spaced from F.P. as noted.
F.P. is edge of Bow Stem at Sheer at Centerline.
A.P. is edge of Stern Stem at Sheer at Centerline.
L.O.A. is 16-0-5

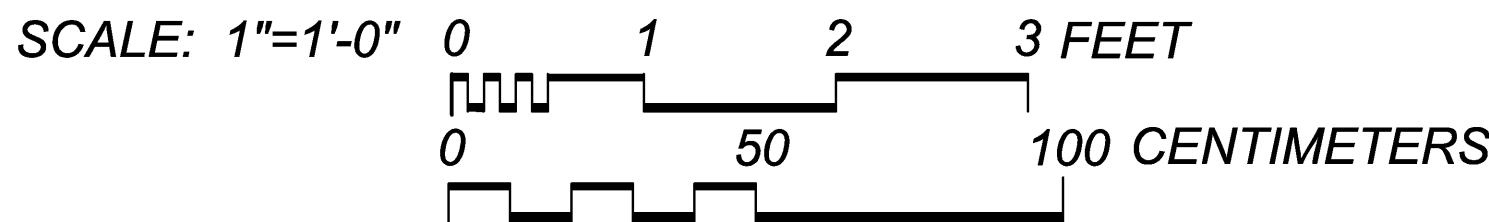
- NOTES
- "MUSIC TEMPLE" WAS MEASURED IN HER CRADLE.
 - THERE WAS NO INDICATION OF WATERLINE ON THE BOAT.
 - HISTORICAL DOCUMENTS DESCRIBE "MUSIC TEMPLE" AS A MODIFIED MCKENZIE RIVER BOAT.
 - "MUSIC TEMPLE" WAS ORIGINALLY NAMED "SUSIE TOO"
 - INDICATIONS OF HOGGING WERE NOTED BUT COULD NOT BE CONFIRMED

"MUSIC TEMPLE"
MCKENZIE "DRIFT BOAT" TYPE

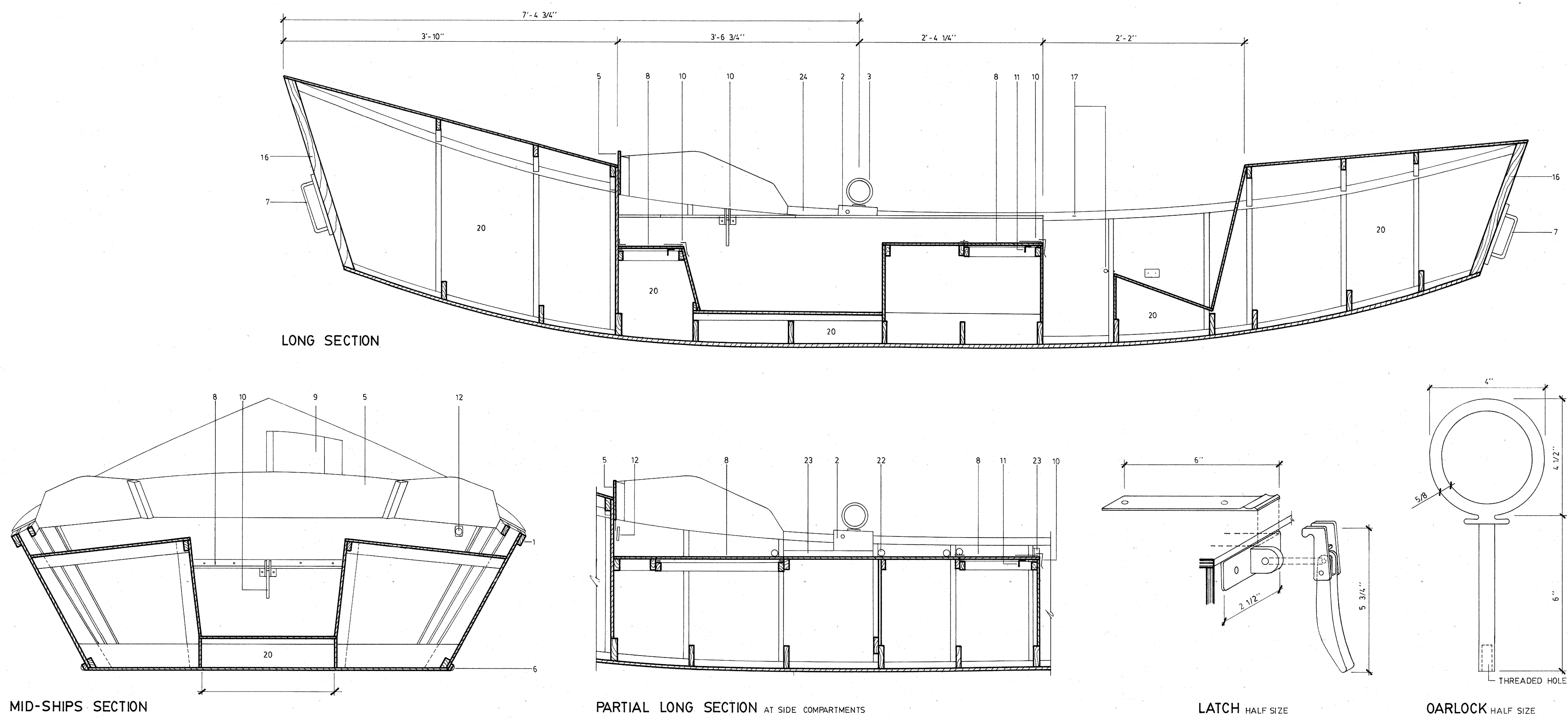
BUILT BY KEITH STEELE, 1962

LEABURG, OR

DRAWN AND DELINEATED BY TODD BLOCH



Note: These drawings were scanned from original pencil drawings donated by Todd Bloch and rescaled to the HAER format.



NOTES

1. "MUSIC TEMPLE" WAS MEASURED IN HER CRADLE.
2. THERE WAS NO INDICATION OF WATERLINE ON THE BOAT.
3. FORE AND AFT DECK HATCHES WERE NAILED SHUT; THERE WAS NO ACCESS TO THESE AREAS.
4. FRAME SPACING VARIES - TYP 12" OR 15"

KEY

- 1 RUBRAIL
- 2 OARLOCK GRIP AND PAD
- 3 OARLOCK-WRAPPED WITH ROPE
- 4 OARLOCK NUT
- 5 COMING/BULKHEAD
- 6 BRASS HALF ROUND
- 7 METAL CARRYING HANDLE
- 8 HATCH, WITH HINGED HATCH COVER - 12" DEPTH
- 9 HATCH COVER, LATCH REMOVED, NAILED CLOSED
- 10 HATCH COVER LATCH
- 11 HATCH COVER STIFFENER - CONTINUOUS METAL "L" SHAPE
- 12 THERMOMETER
- 13 UNDATED ALTERATION - APPARENT PLYWOOD PATCH
- 14 APPROXIMATE LOCATION OF LATCH (MISSING)
- 15 APPROXIMATE LOCATION OF DECK BEAMS
- 16 STEM
- 17 EYEBOLT - PRESUMED FOR TIE-DOWN OF SPARE OAR
- 18 ROPE BRACKET - 2 3/4" x 3/4"
- 19 ROPE HANDHOLDS
- 20 AREA INACCESSIBLE
- 21 APPROX. POSITION OF SECURED SPARE OAR
- 22 SCUPPER
- 23 BLOCKING
- 24 SHEAR CLAMP

SCANTLINGS

PLANKING, SIDES - 1/2" PLYWOOD
 PLANKING, BOTTOM - 1/2" PLYWOOD
 DECK - 1/4" PLYWOOD
 FRAMES - 3/4" DOUGLAS FIR (TAPERED - 1 1/2" TO 2 3/4")
 FLOORS - 3/4" x 3 1/4" DOUGLAS FIR
 CHINE - DOUGLAS FIRE (PRESUMED)
 STEM - OAK (PRESUMED)
 DECK BEAMS - DOUGLAS FIR
 RUBRAIL - 3/4" x 1 3/4" OAK
 CHINE RAIL - 1/2" x 1 1/4" OAK
 CLAMP - 3/4" x 1 1/2" DOUGLAS FIR
 INTERIOR BULKHEADS - 3/8" PLYWOOD
 HATCH COVER HINGE - CONTINUOUS 2 1/2" WIDE METAL, BOLTED
 HATCH COVERS - 1/4" PLYWOOD

FASTENINGS

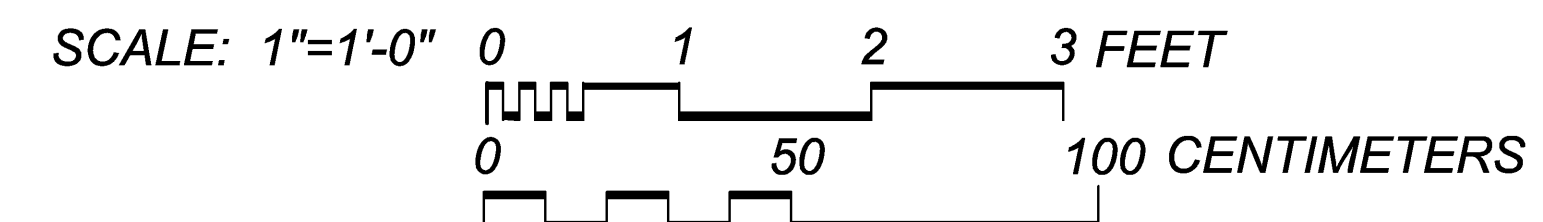
BRONZE RING NAILS ARE USED THROUGHOUT

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INDEX TO PHOTOGRAPHS

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Photos taken while located in park curatorial storage.

INDEX TO BLACK AND WHITE PHOTOGRAPHS

Jet Lowe, photographer, 2008

AZ-73-1 3/4 view of starboard side from bow to stern.

AZ-73-2 3/4 view of starboard side from stern to bow.

el Lowe G 65



HAGL A2-73-1

HAGR AZ-73-2

