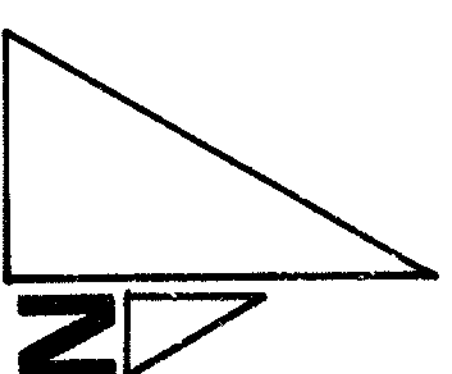


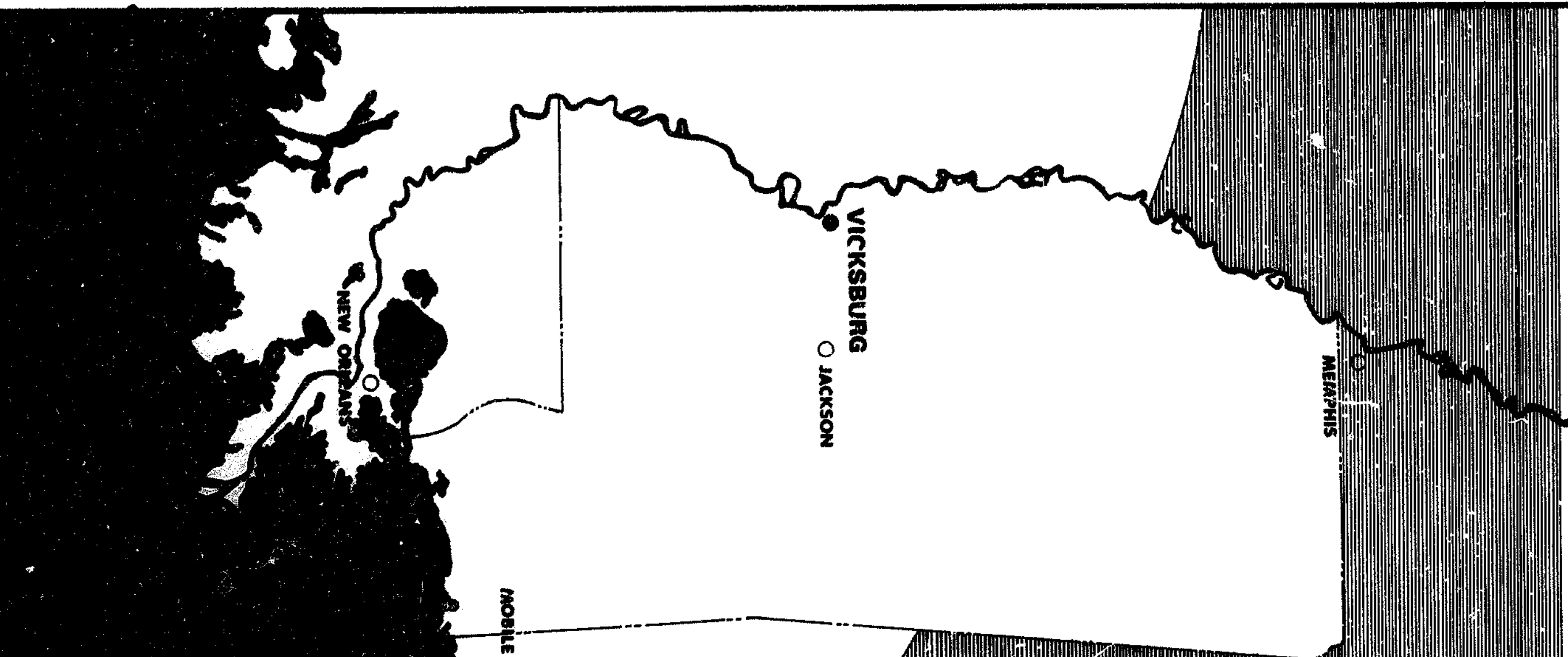
# U.S.S. Cairo Development

## Vicksburg National Military Park

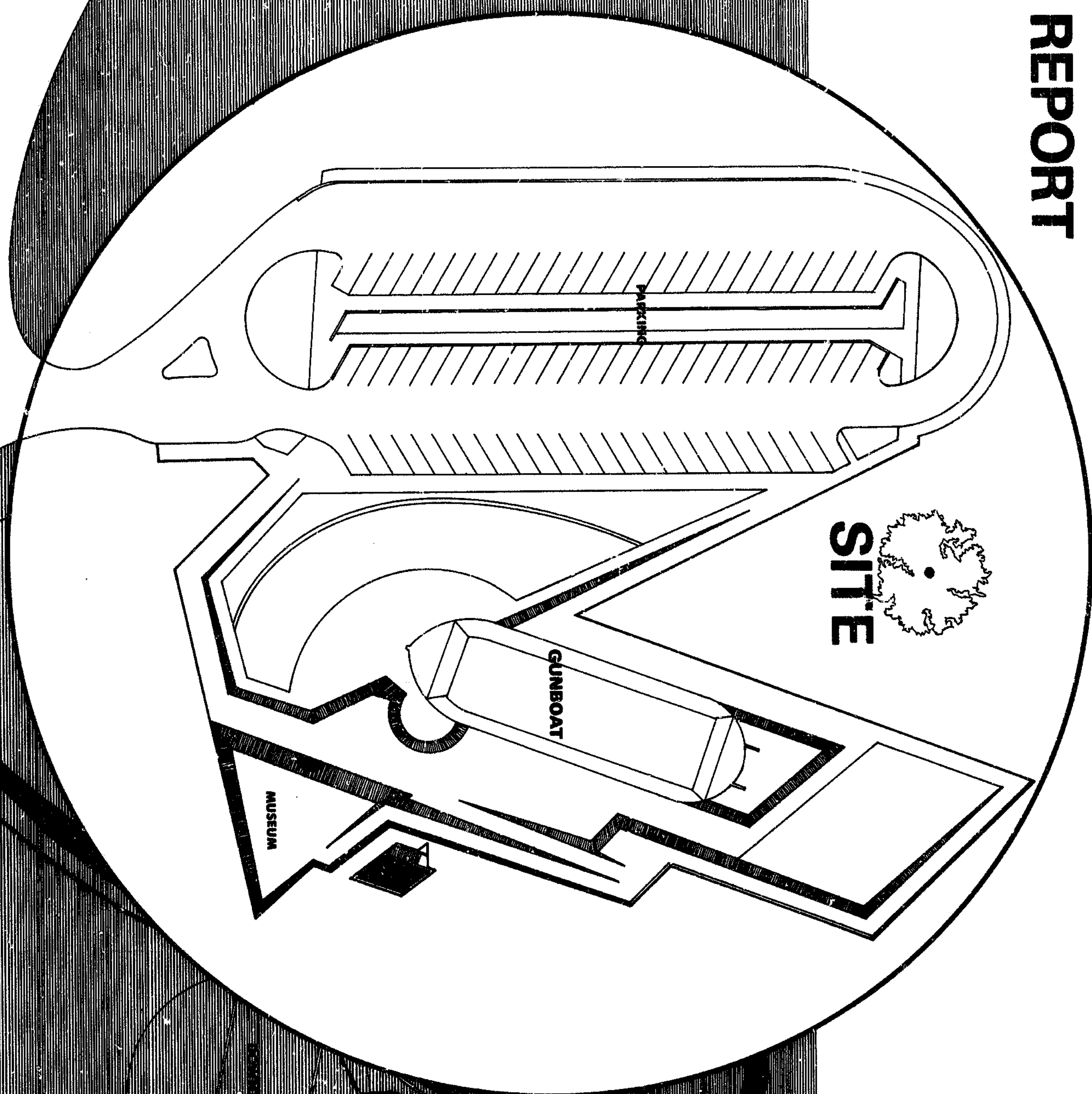
### HISTORIC STRUCTURE REPORT



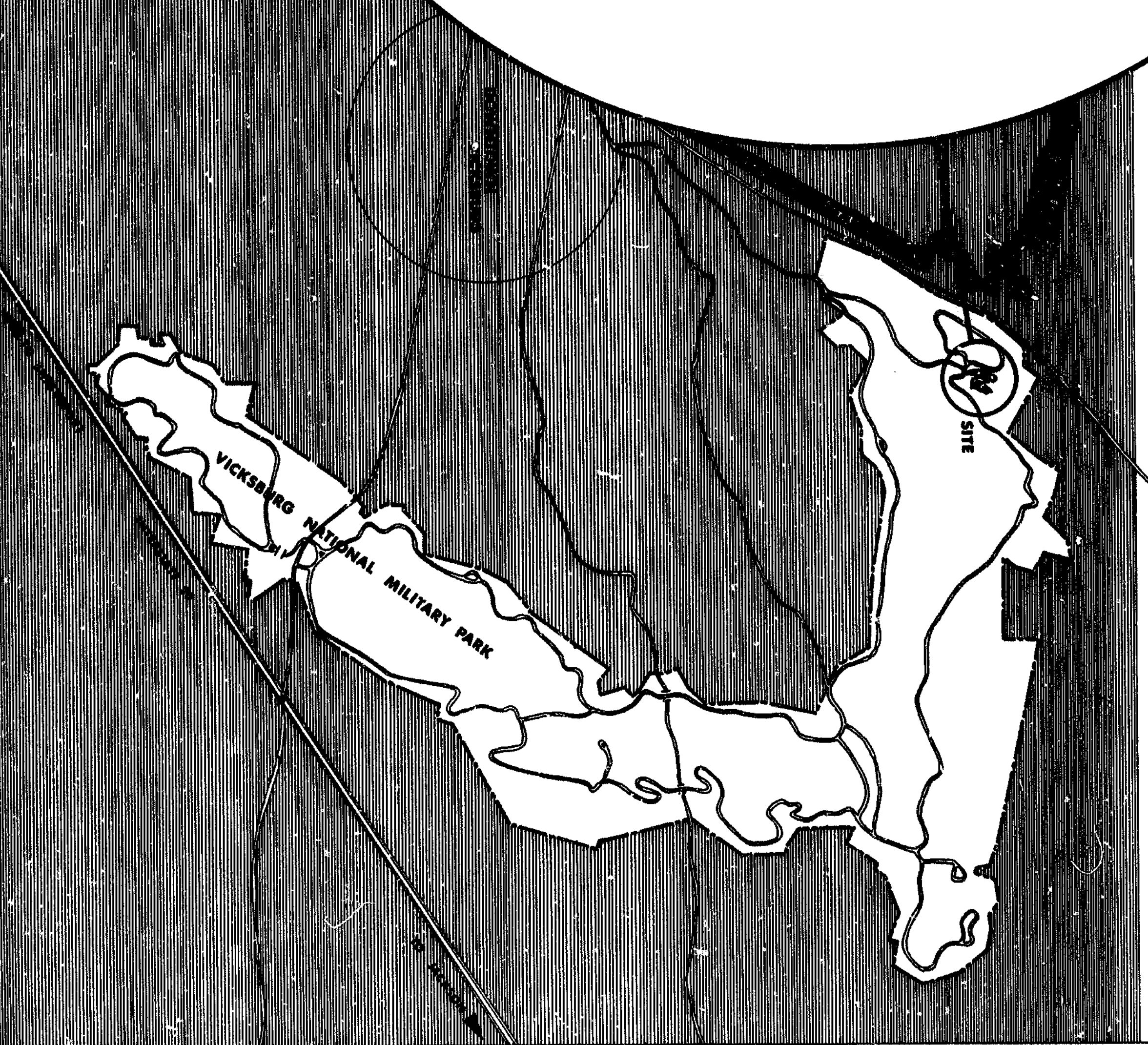
VICINITY MAP



SITE

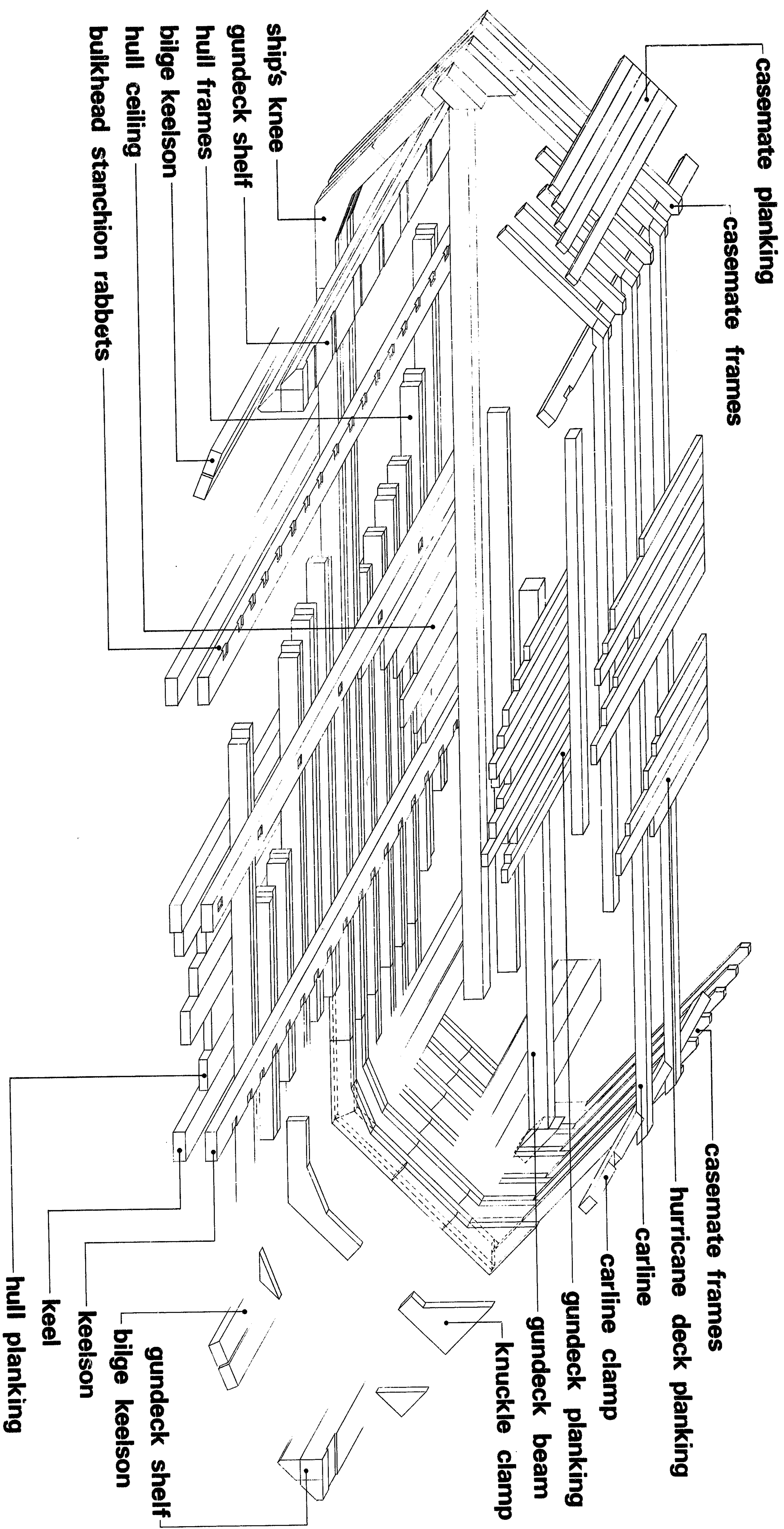


LOCATION MAP



HISTORIC PRESERVATION-SE/SW TEAM	PREPARED	TITLE OF DRAWING	DRAWING NO.
UNITED STATES	ASHLEY	U.S.S. CAIRO "AS-BUILT" DRAWINGS	306
DEPARTMENT OF THE INTERIOR	DESIGNED	LOCATION WITHIN PARK	28000
NATIONAL PARK SERVICE	ASHLEY	CAIRO DEVELOPMENT SITE	
DENVER SERVICE CENTER	DRAWN	NAME OF PARK	SHEET
	THORSON	VICKSBURG NATIONAL MILITARY PARK	1
	CHECKED	VICKSBURG, MISSISSIPPI	OF 29
	DATE	Southwest	
	02/16/81	Region	
		650000	
		Mississippi	

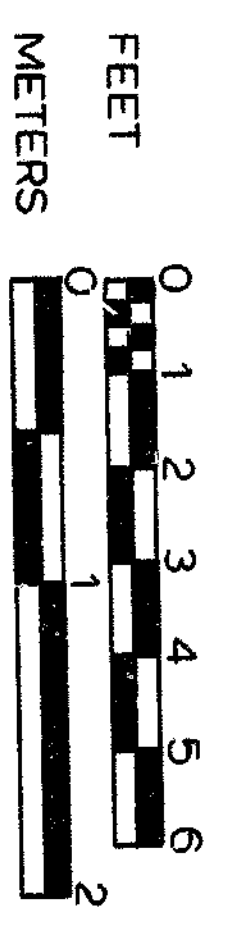
REDUCED SIZE REPRODUCTION



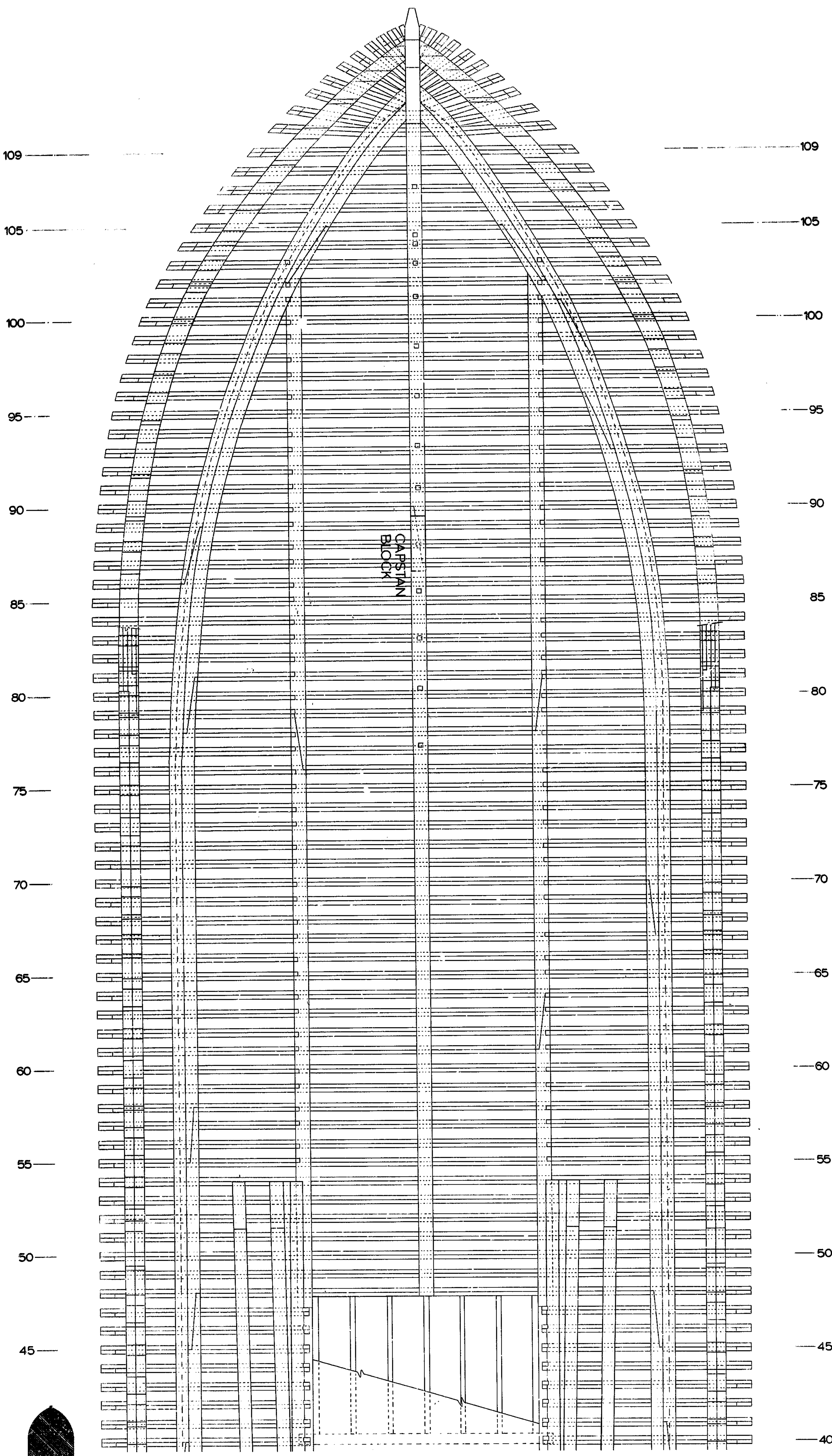
**SHIP'S STRUCTURAL ISOMETRIC**

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

HISTORIC STRUCTURE REPORT

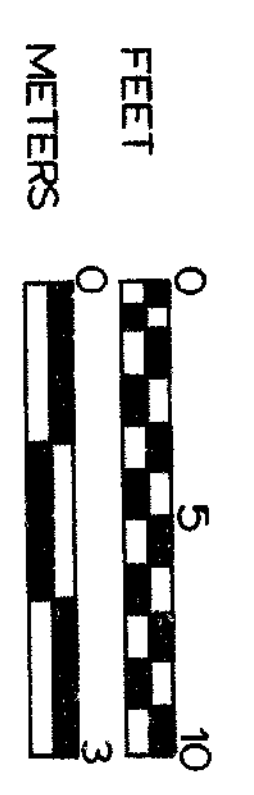


PREPARED	ASHLEY	DRAWING NO.	306
DESIGNED	ASHLEY	NO.	28000
DRAWN	ASHLEY	PKG.	101
CHECKED	THORSON	SHEET	2
DATE	02/16/81	OF 29	

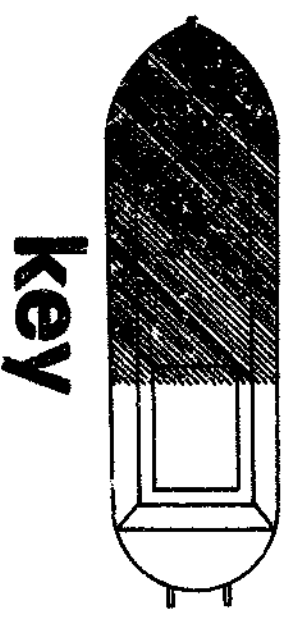


**HULL FRAMING - FORWARD**

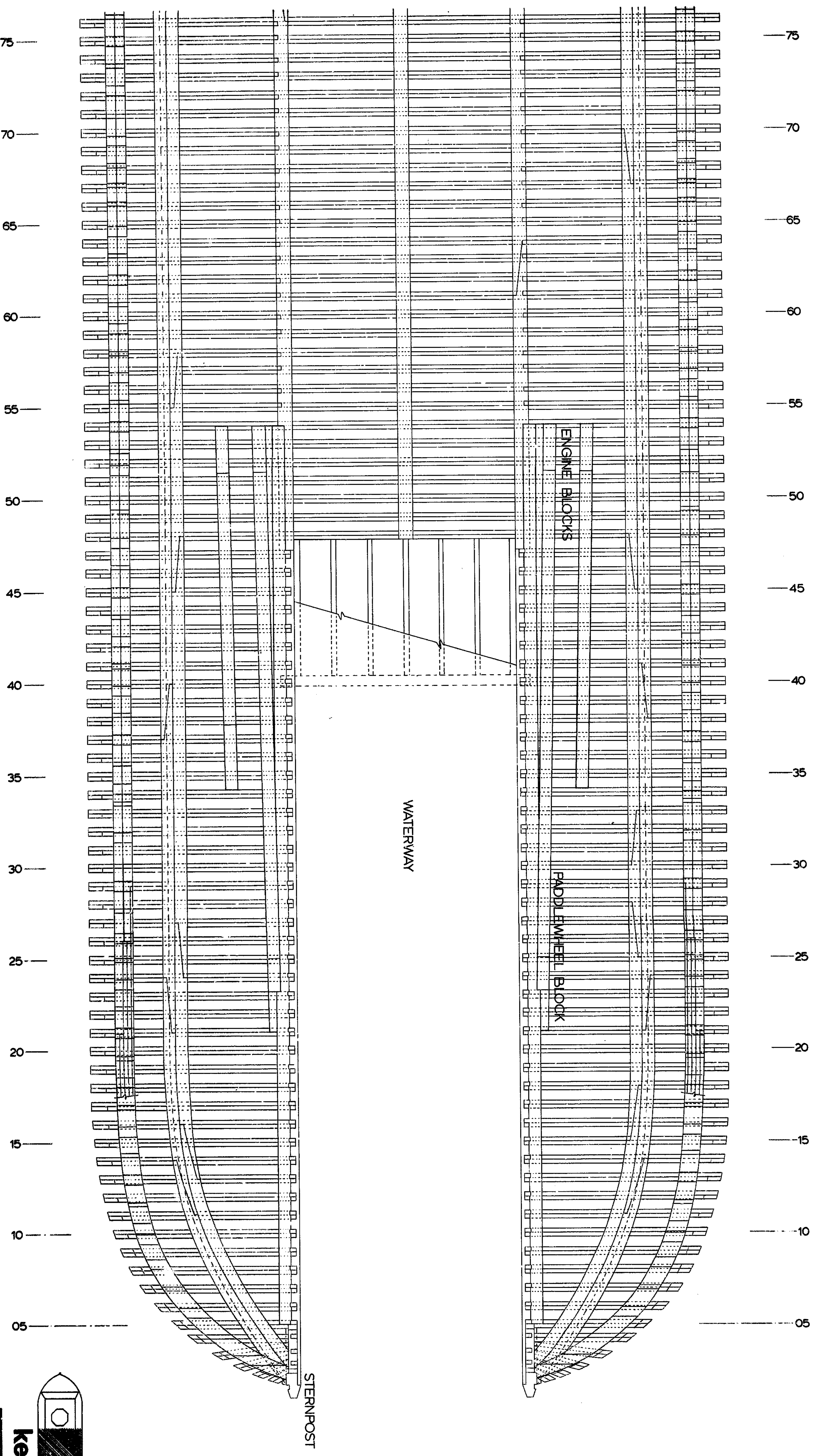
SCALE: 1/4"=1'-0"



HISTORIC STRUCTURE REPORT

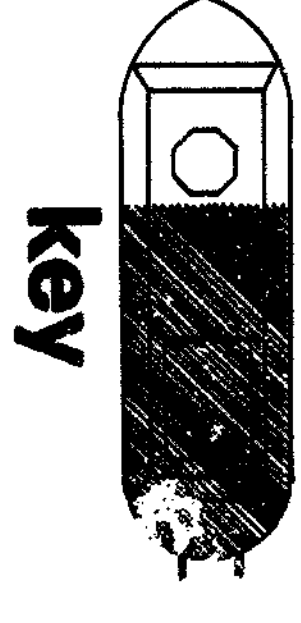
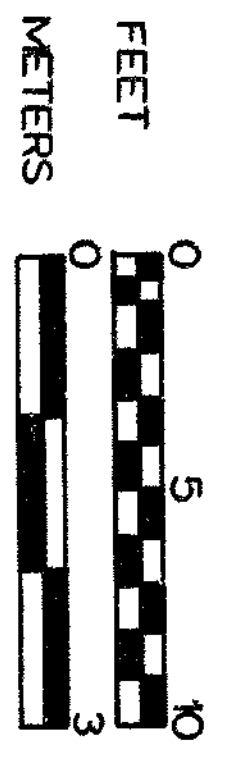


PREPARED	DA/TM	DRAWING NO.
DESIGNED	306	
DRAWN	28000	
CHECKED		
DATE		
02/19/81		
PKG	SHEET	
NO. 1	OF 29	
LOT 3		
THORSON		
ASHLEY		
DA/TM		



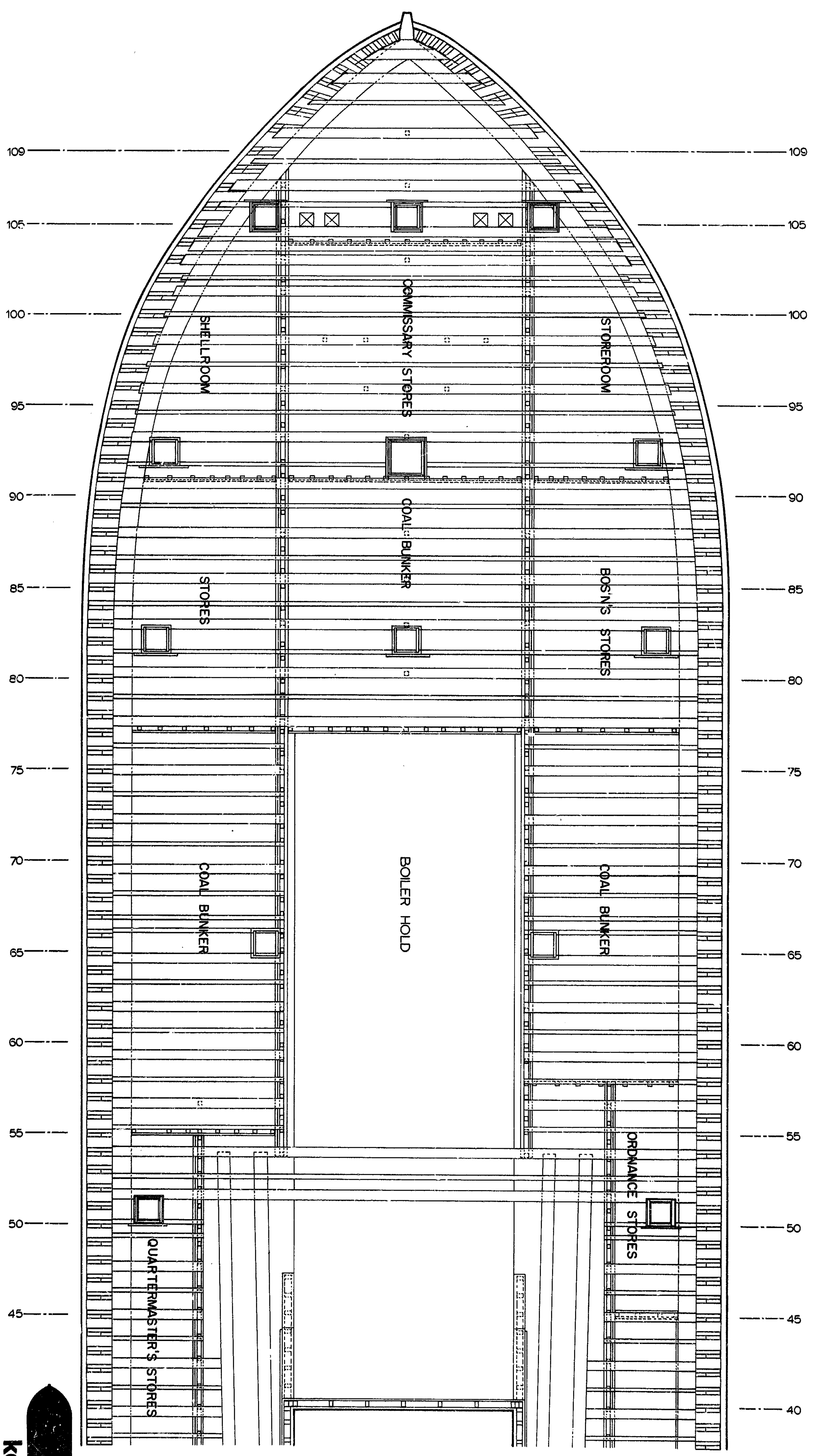
**HULL FRAMING - AFT**

SCALE 1/4"=1'-0"



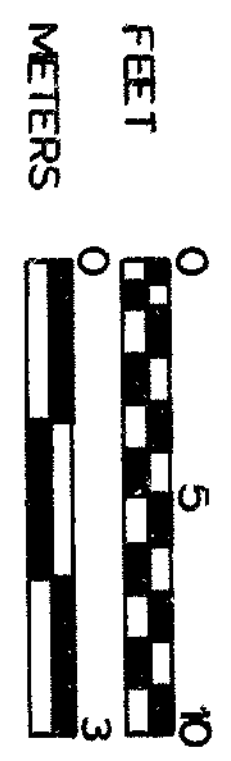
HISTORIC STRUCTURE REPORT

PREPARED	DA/TM	DRAWING NO.
DESIGNED	ASHLEY	306
DRAWN	TIORSON	28000
CHECKED		
DATE	02/16/81	
PG	107	
SHEET	4	
OF	29	



**GUNDECK FRAMING - FORWARD**

SCALE: 1/4"=1'-0"

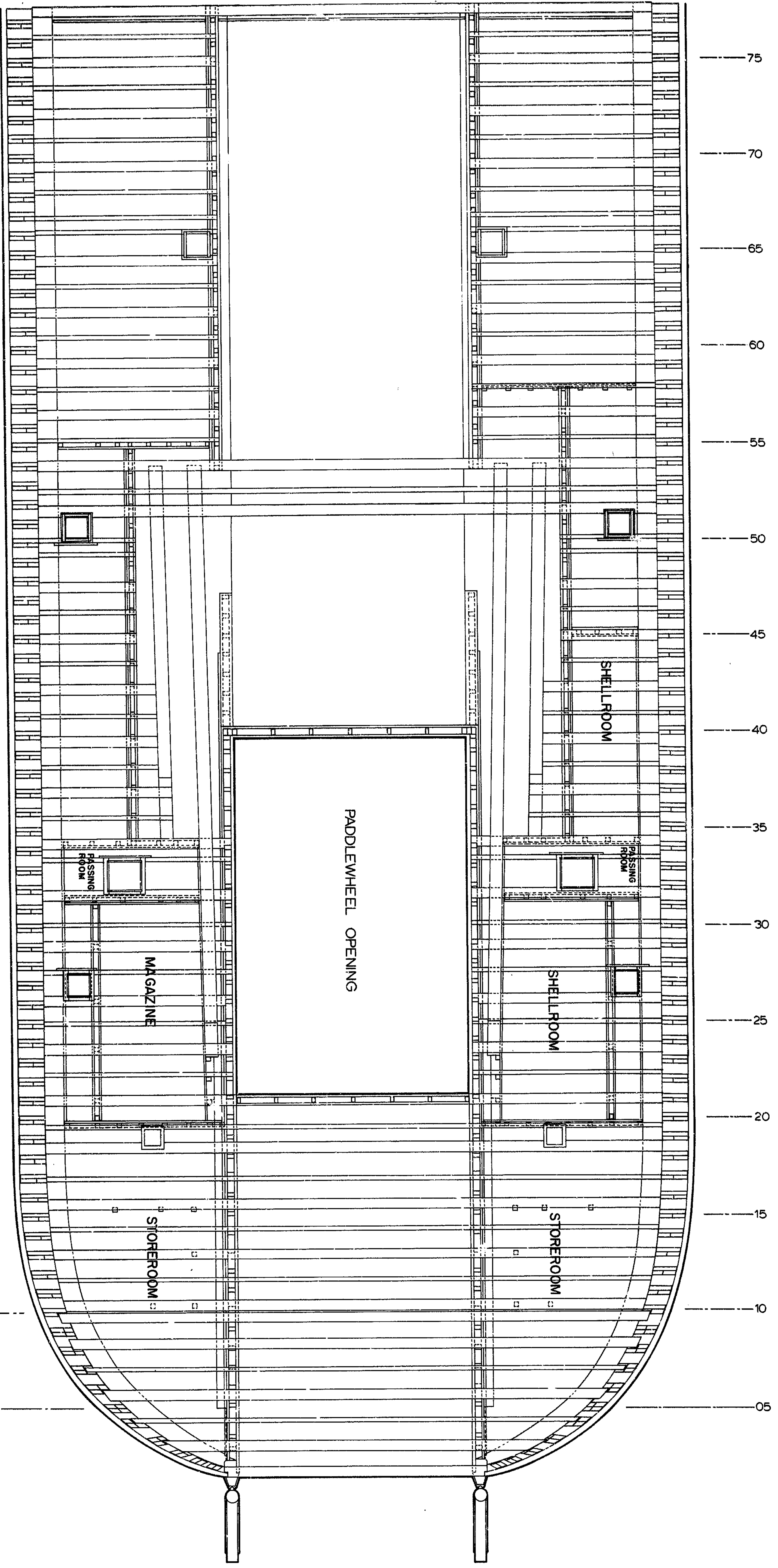


HISTORIC STRUCTURE REPORT

**key**

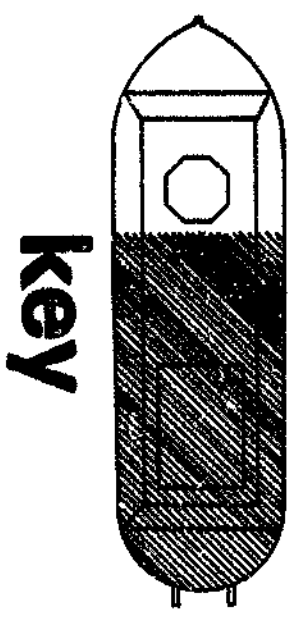
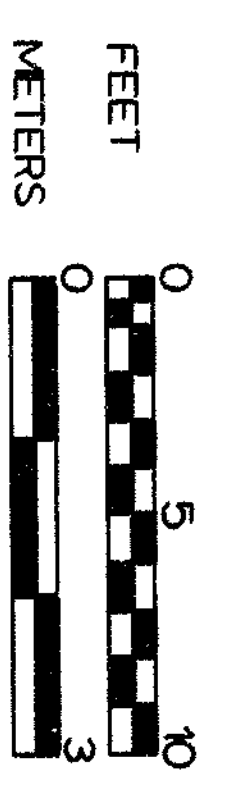


PREPARED BY	DAV/TM	DRAWING NO.	306
DESIGNED BY	ASHLEY	28000	
DRAWN BY	THORSON		
CHECKED BY			
DATE	02/16/91		
		PAGE	5
		OF	29



**GUNDECK FRAMING - AFT**

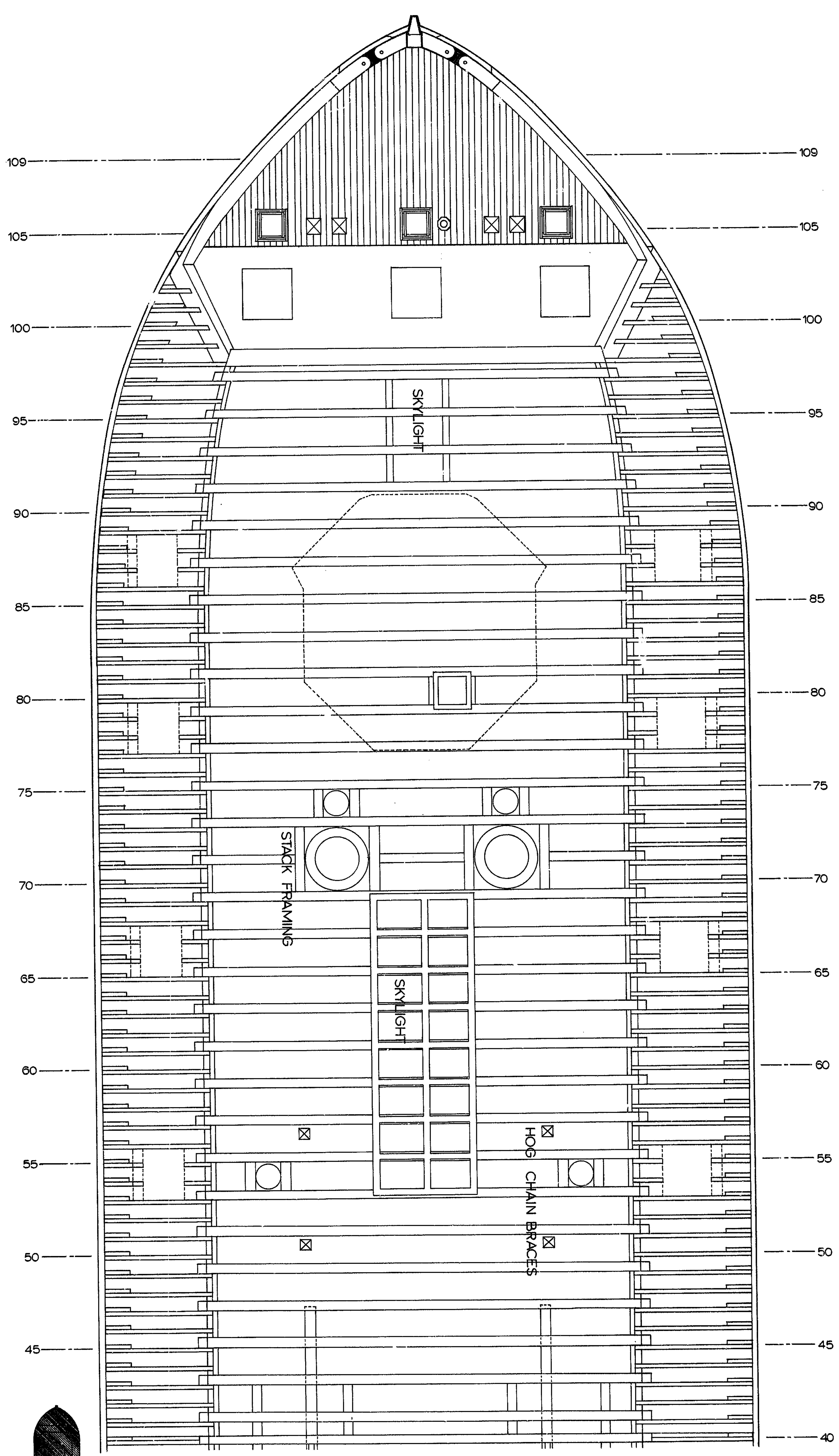
SCALE: 1/4"=1'-0"



**key**

HISTORIC STRUCTURE REPORT

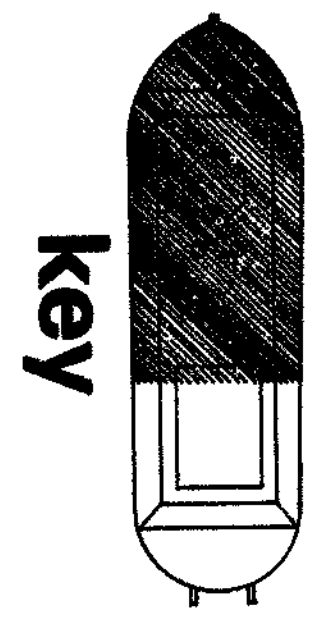
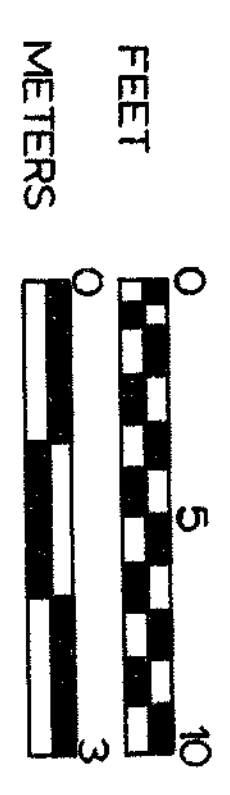
PREPARED	DA/ATM	DRAWING NO.	306
DESIGNED	ASHLEY	NO.	28000
DRAWN	ASHLEY	PAGE	107
CHECKED	THORSON	SHEET	6
DATE	02/16/91	OF	29



# HURRICANE DECK FRAMING - FORWARD

SCALE: 1/4" = 1'-0"

HISTORIC STRUCTURE REPORT

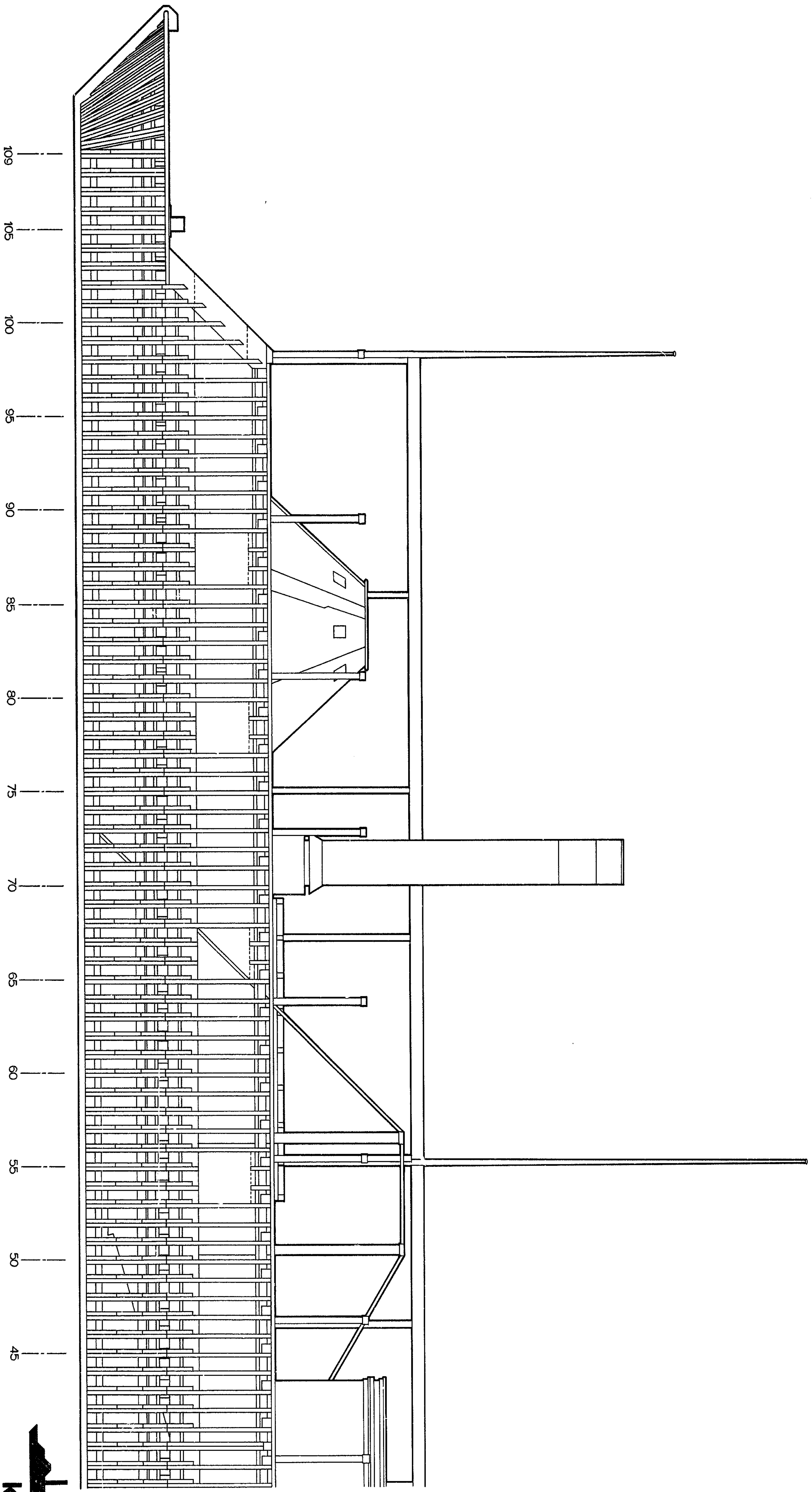


PREPARED BY: DA/THM  
 DESIGNED BY: ASHLEY  
 DRAWN BY: THORSON  
 CHECKED BY: DA/THM  
 DATE: 02/16/81

DRAWING NO. 306  
 28000  
 PCIP SHEET 7  
 OF 29



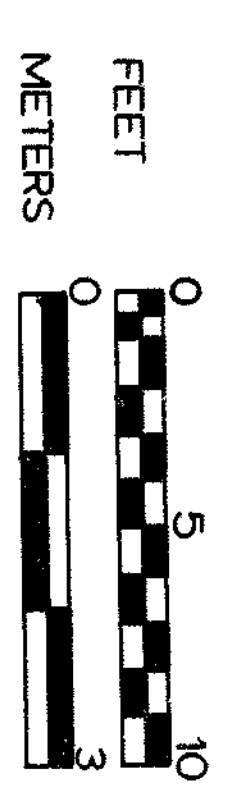




**PORT HULL FRAMING ELEVATION - FORWARD**

SCALE: 1/4"=1'-0"

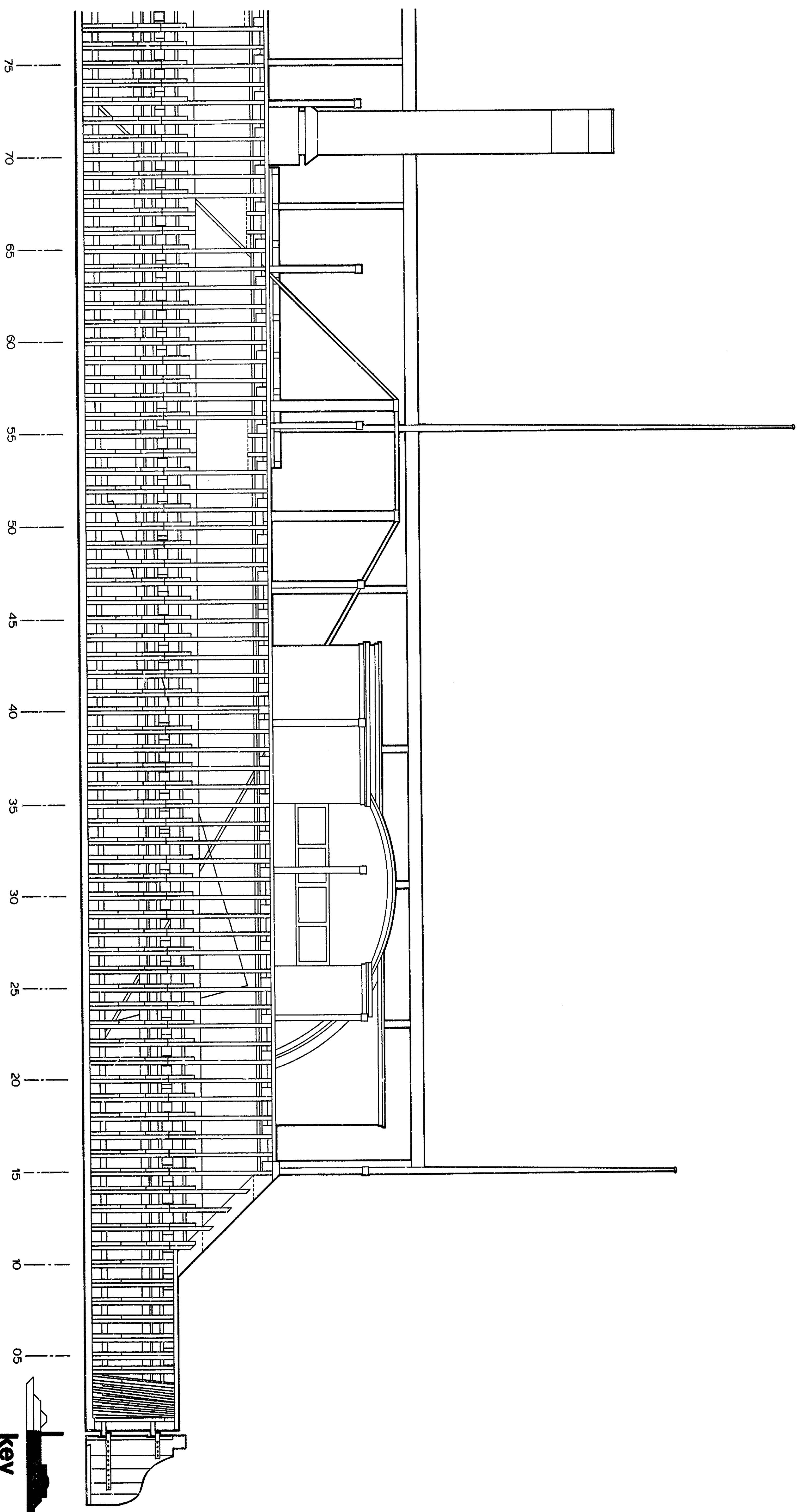
HISTORIC STRUCTURE REPORT



**key**



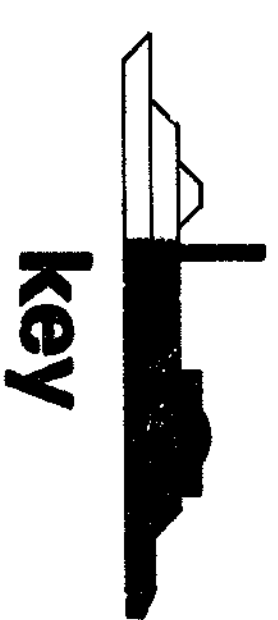
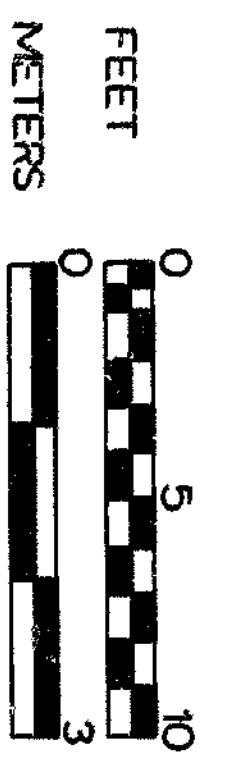
PREPARED DA/TM	DRAWING NO. 306
DESIGNED ASHLEY	28000
DRAWN THORSON	
CHECKED 02/16/81	
DATE	
	9 OF 29



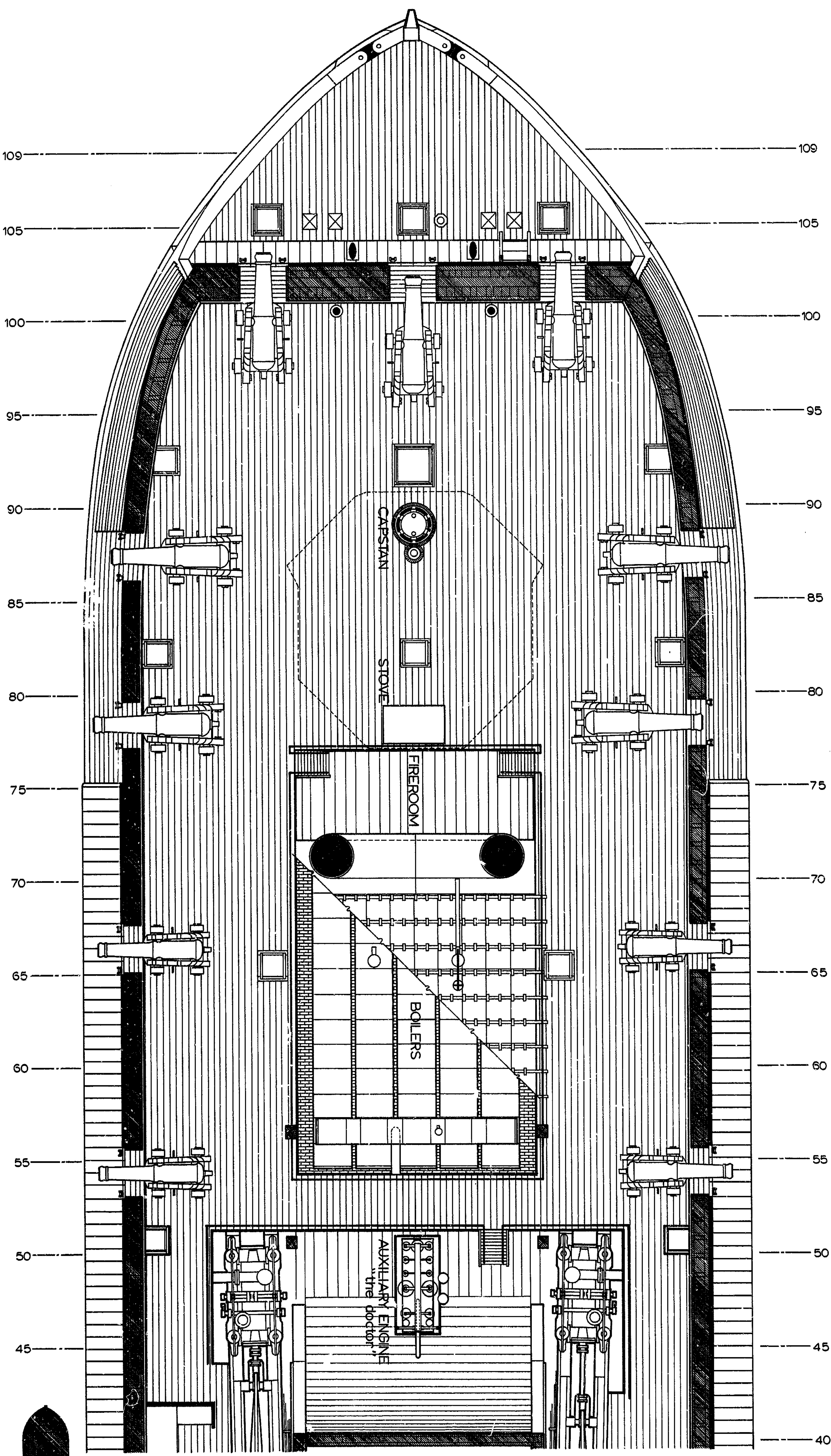
**PORT HULL FRAMING ELEVATION - AFT**

SCALE: 1/4" = 1'-0"

HISTORIC STRUCTURE REPORT



PREPARED	DA/MTM	DRAWING NO.	306
DESIGNED	ASHLEY		
DRAWN	THORSON		
CHECKED			
DATE	02/26/81		
		PROJECT	28000
		SHEET	10
		OF	29



**GUNDECK PLAN/SECTION - FORWARD**

SCALE: 1/4"=1'-0"

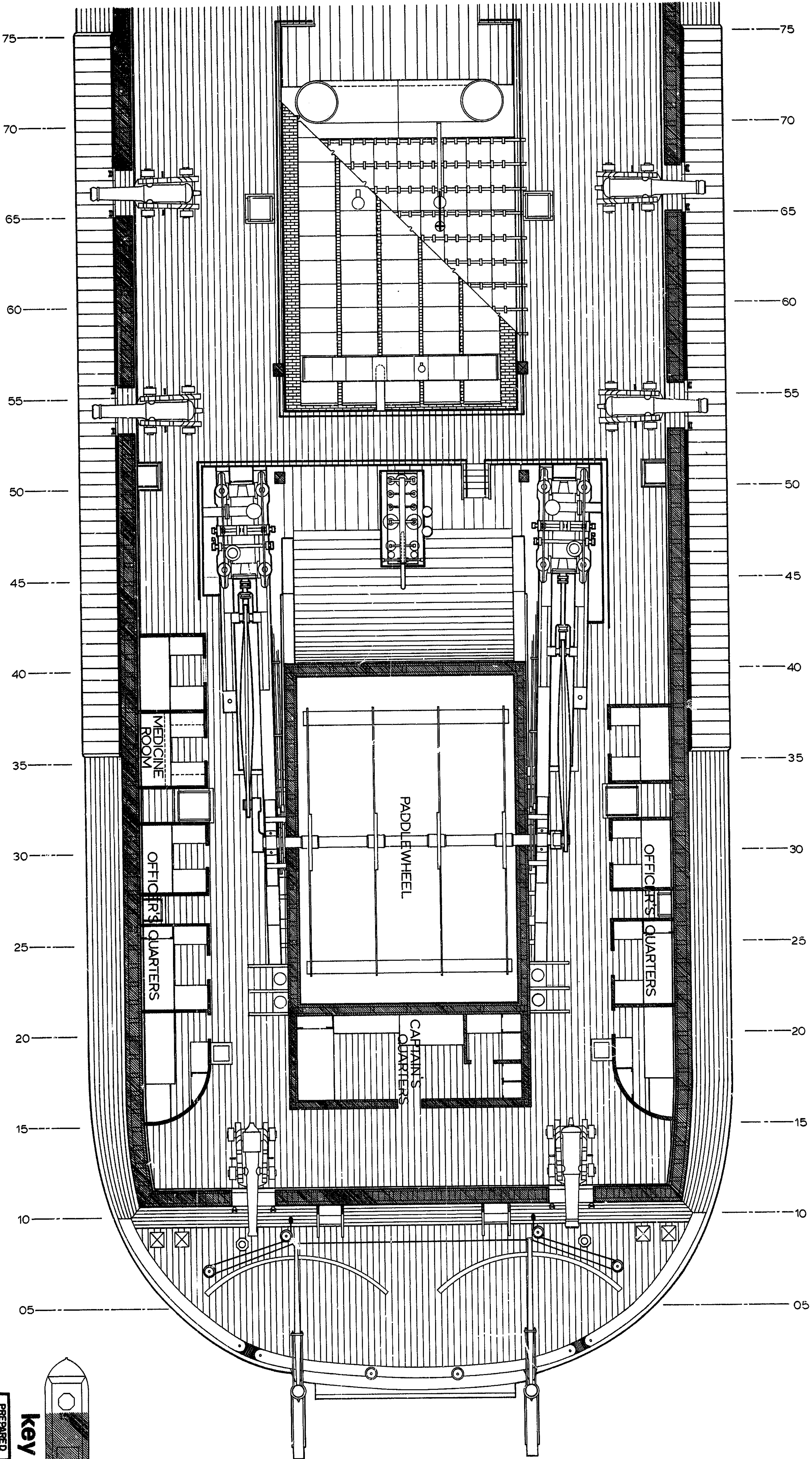


HISTORIC STRUCTURE REPORT

**key**



PREPARED	DA/7M	DRAWING NO.	306
DESIGNED	ASHLEY	POB	28000
DRAWN	THORSON	SHEET	11
CHECKED		OF	29
DATE	02/16/81		



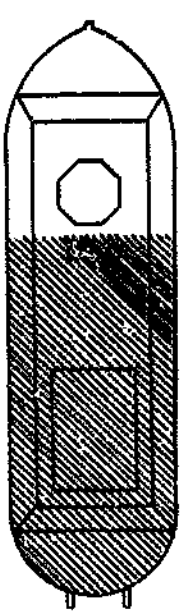
**GUNDECK PLAN SECTION - AFT**

SCALE: 1/4"=1'-0"

HISTORIC STRUCTURE REPORT



**key**

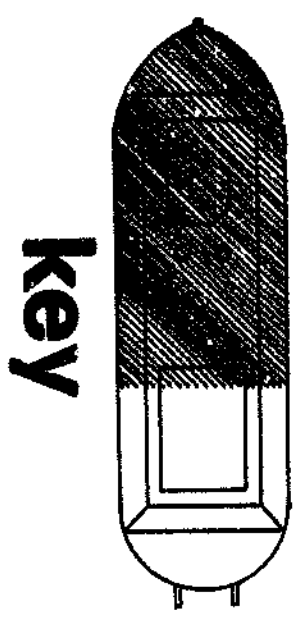
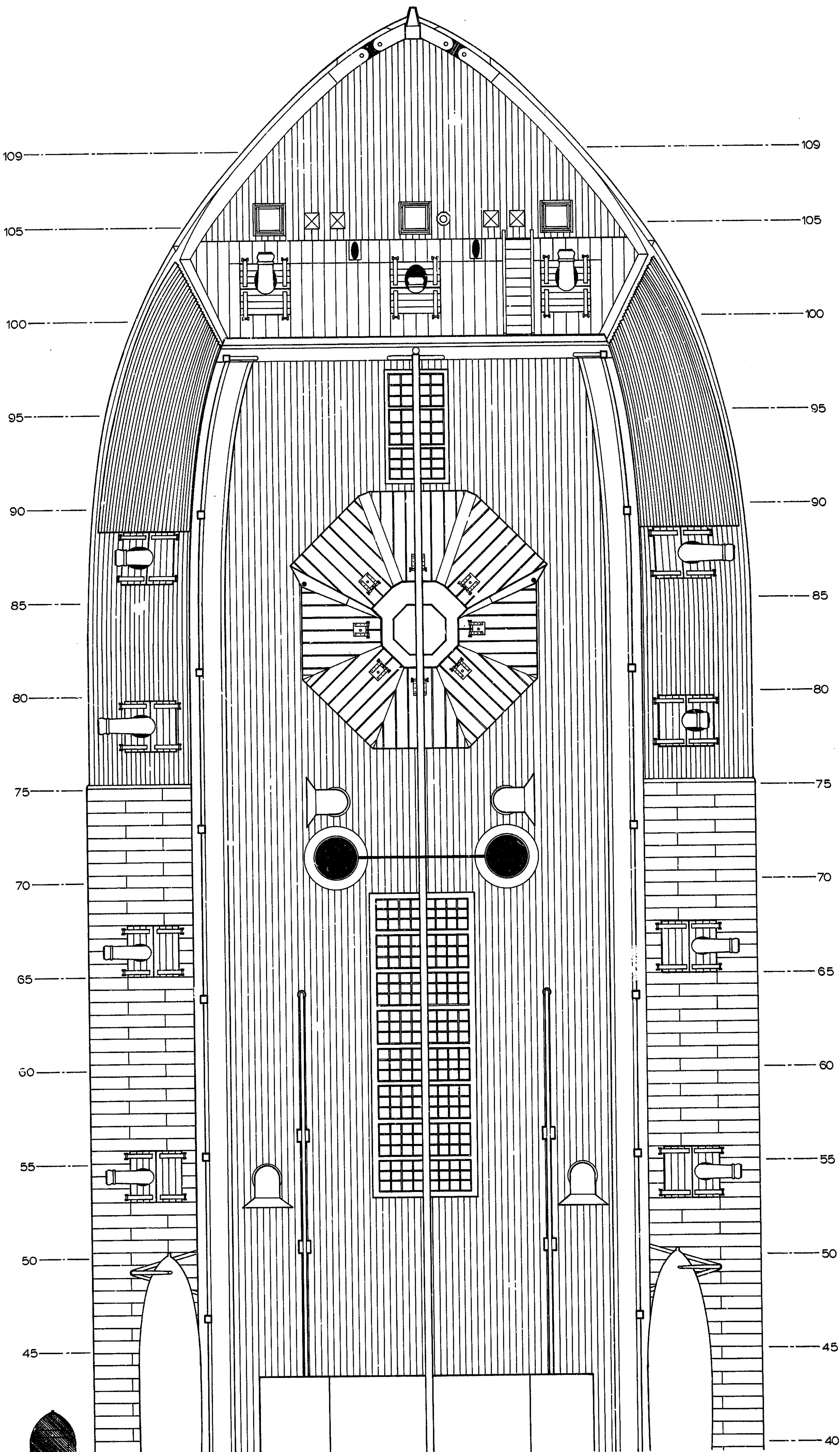


PREPARED	DA/TM	DRAWING NO.
DESIGNED	306	
DRAWN	ASHLEY	26000
CHECKED	THORSON	
DATE	02/19/81	
	107	
	SHEET	
	<b>12</b>	
	OF 29	

# HURRICANE DECK PLAN - FORWARD

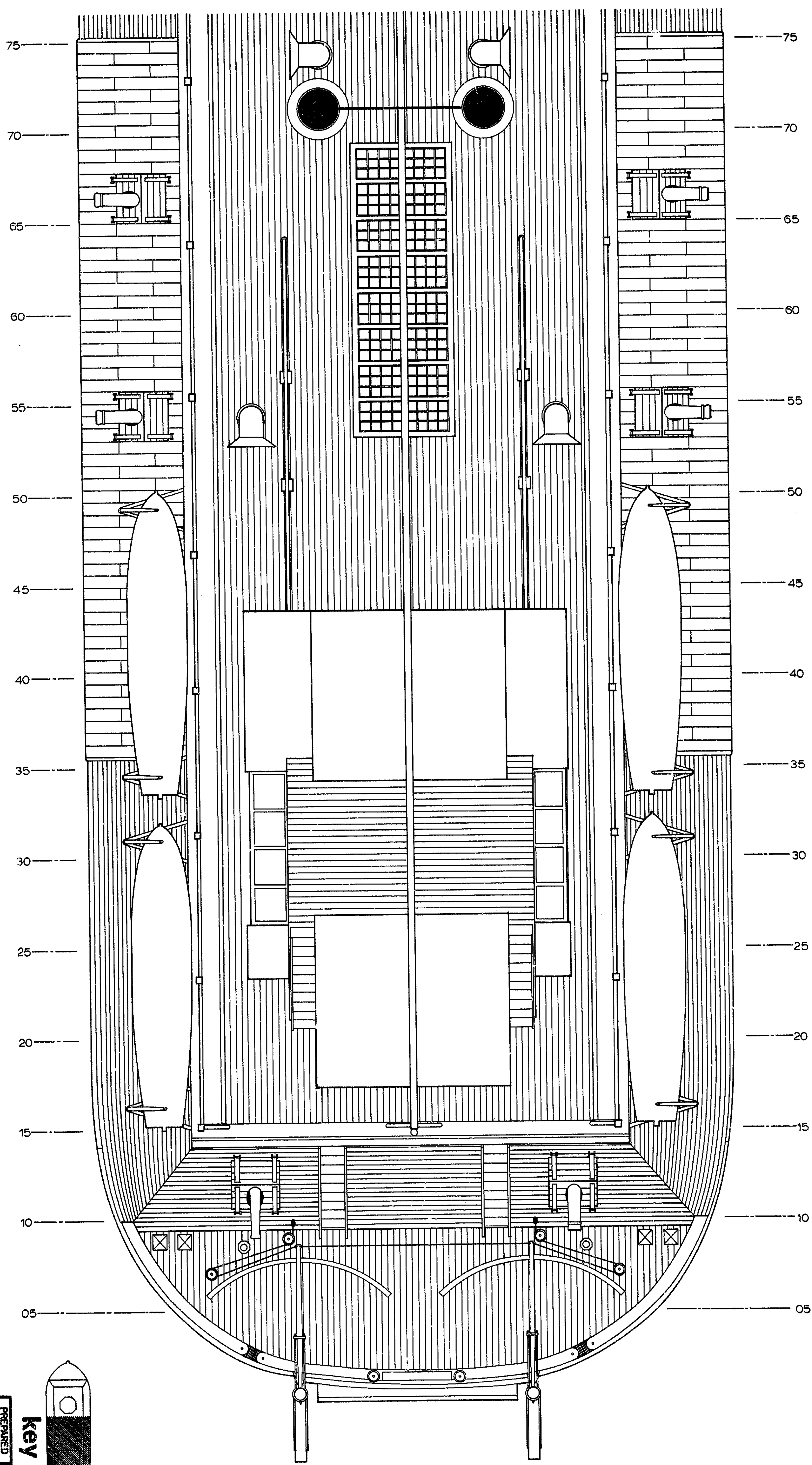
SCALE: 1/4"=1'-0"

HISTORIC STRUCTURE REPORT



PREPARED BY: DA/TM  
 DESIGNED BY: ASHLEY  
 DRAWN BY: THORSON  
 CHECKED BY: [blank]  
 DATE: 02/16/91

DRAWING NO.: 306  
 28000  
 SHEET 102  
 OF 29



**HURRICANE DECK PLAN - AFT**

SCALE: 1/4" = 1'-0"

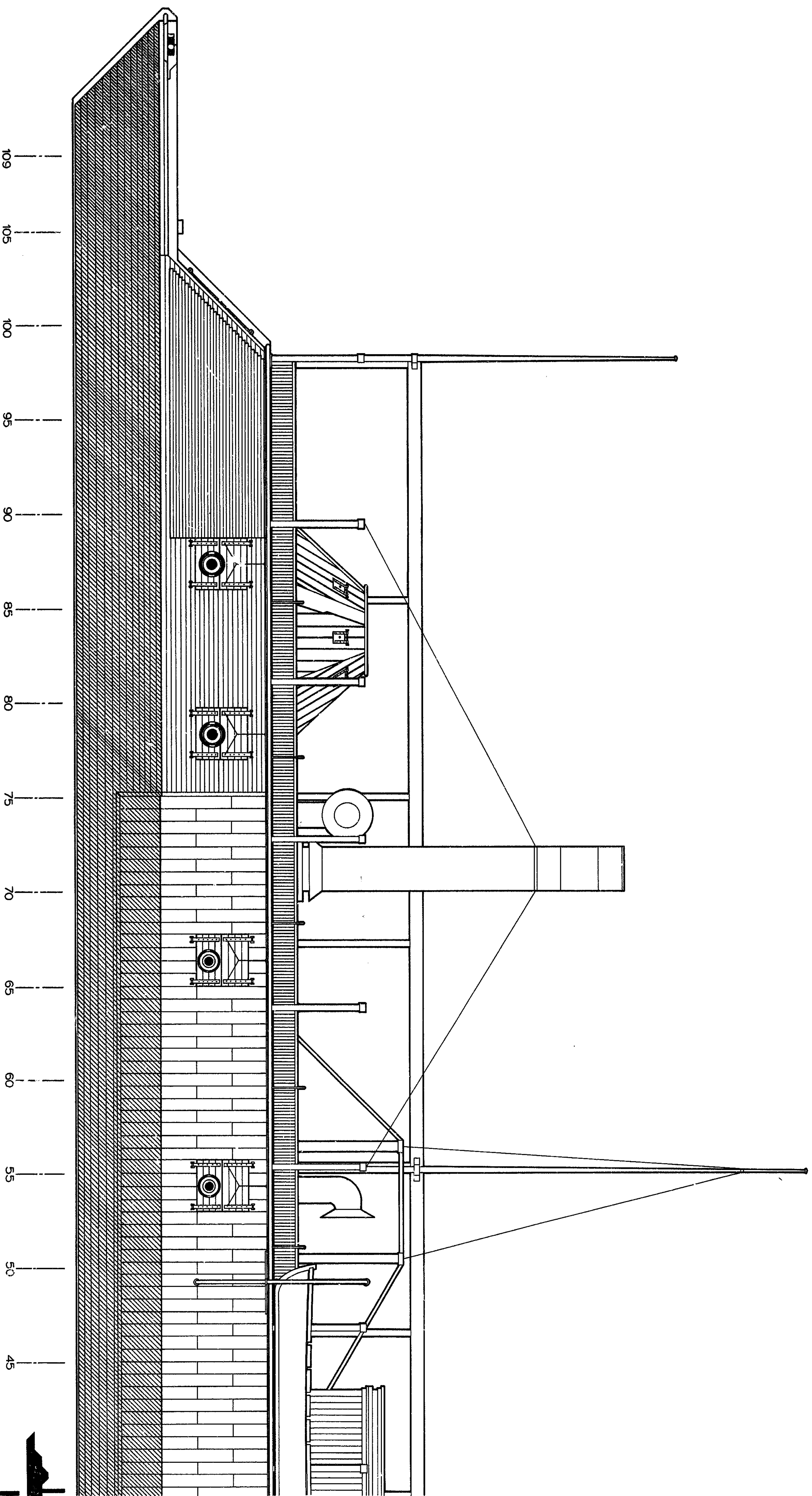
HISTORIC STRUCTURE REPORT



PREPARED	DRAWING NO.
DA/TM	306
DESIGNED	28000
ASHLEY	SHEET
DRAWN	101
THORSON	OF 29
CHECKED	
02/15/81	
DATE	

**key**





**PORT ELEVATION - FORWARD**

SCALE: 1/4" = 1'-0"

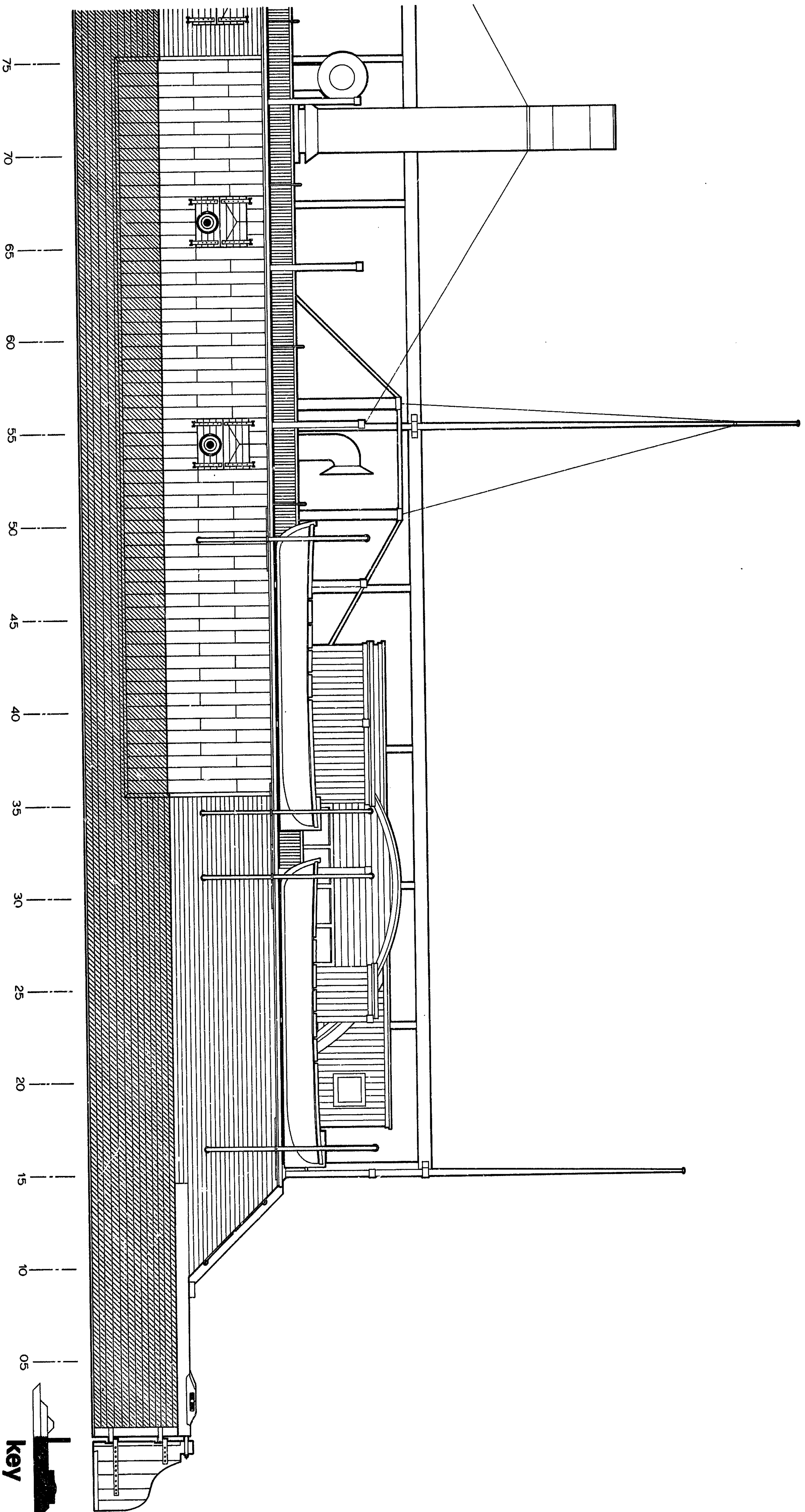


**key**



PREPARED	DA/ITM	DRAWING NO.
DESIGNED	ASHLEY	306
DRAWN	THORSON	28000
CHECKED		
DATE	02/16/81	
		PORT SHEET
		15 OF 29

HISTORIC STRUCTURE REPORT



**PORT ELEVATION - AFT**

SCALE: 1/4"=10"

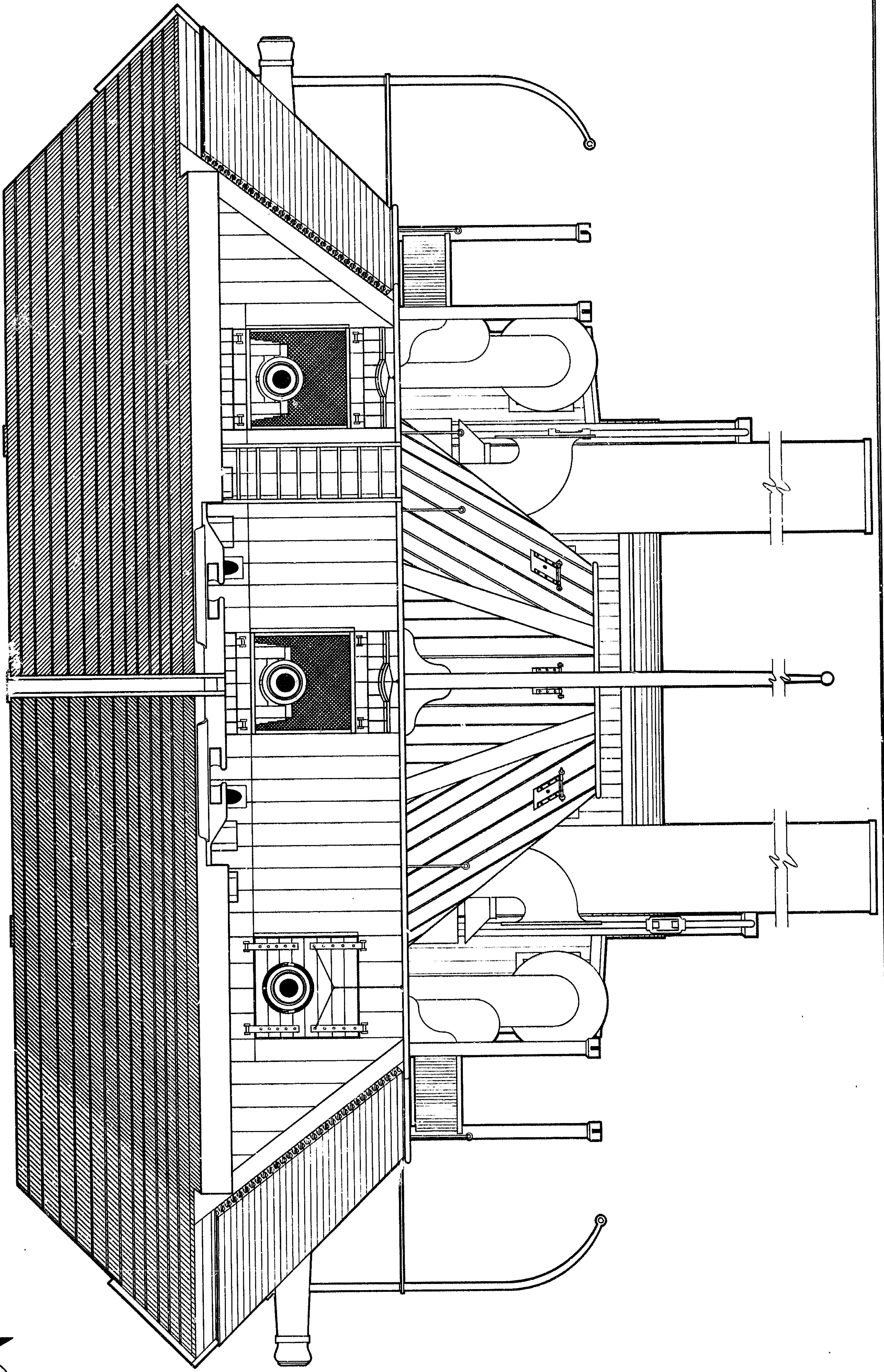


HISTORIC STRUCTURE REPORT

**key**

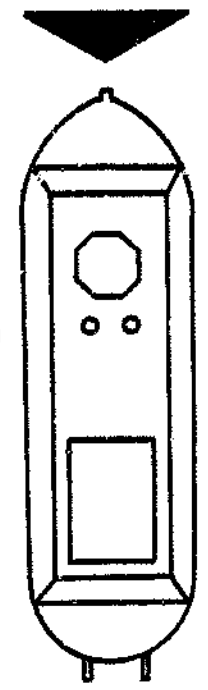
PREPARED	DA/TM	DRAWING NO.
DESIGNED	306	
DRAWN	ASHLEY	
CHECKED	THORSON	
DATE	02/16/81	
	PCIP	
	28000	
	16	
	OF 29	



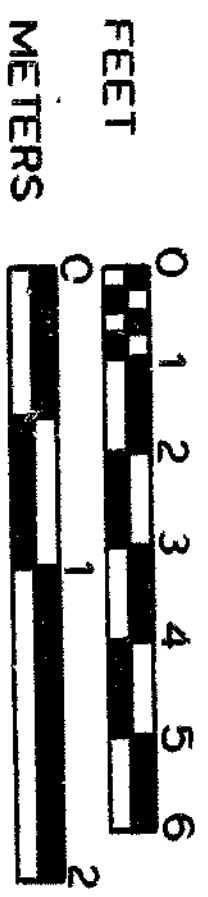


**BOW ELEVATION**

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

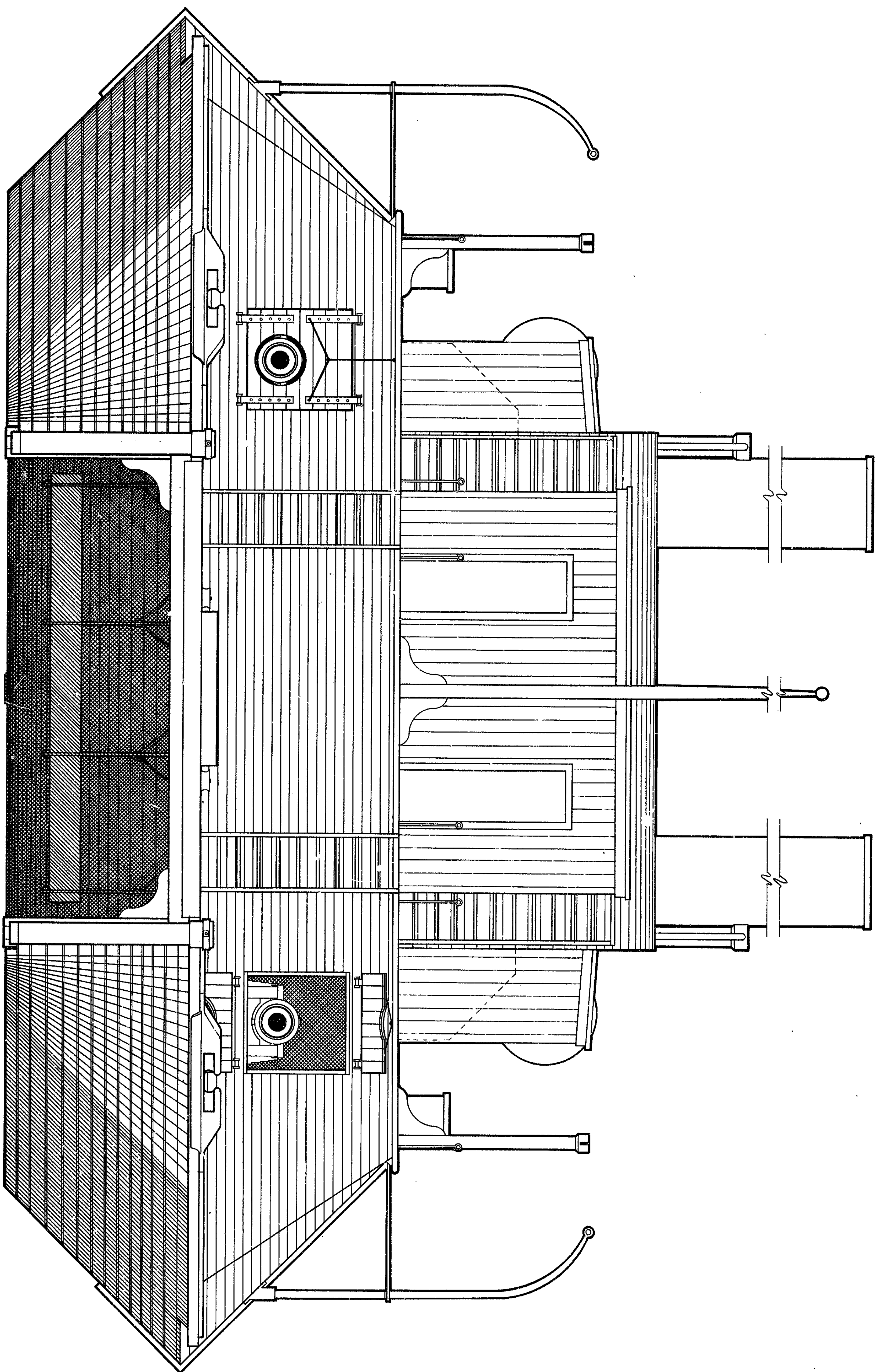


**key**



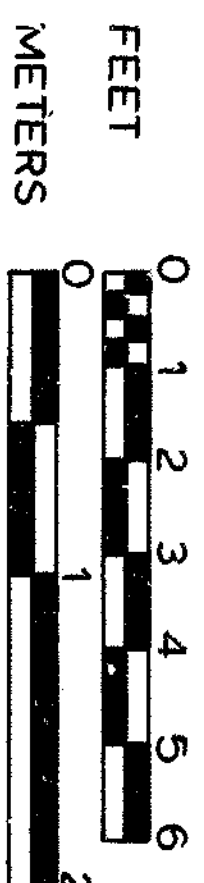
HISTORIC STRUCTURE REPORT

PREPARED	DRAWING NO.
DA/TM	306
DESIGNED	28000
ASHLEY	
DRAWN	
THORSON	
CHECKED	
02/16/81	
DATE	
	SHEET
	17
	OF 29



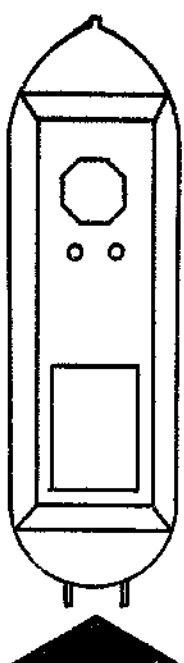
**STERN ELEVATION**

SCALE: 1/2"=0'

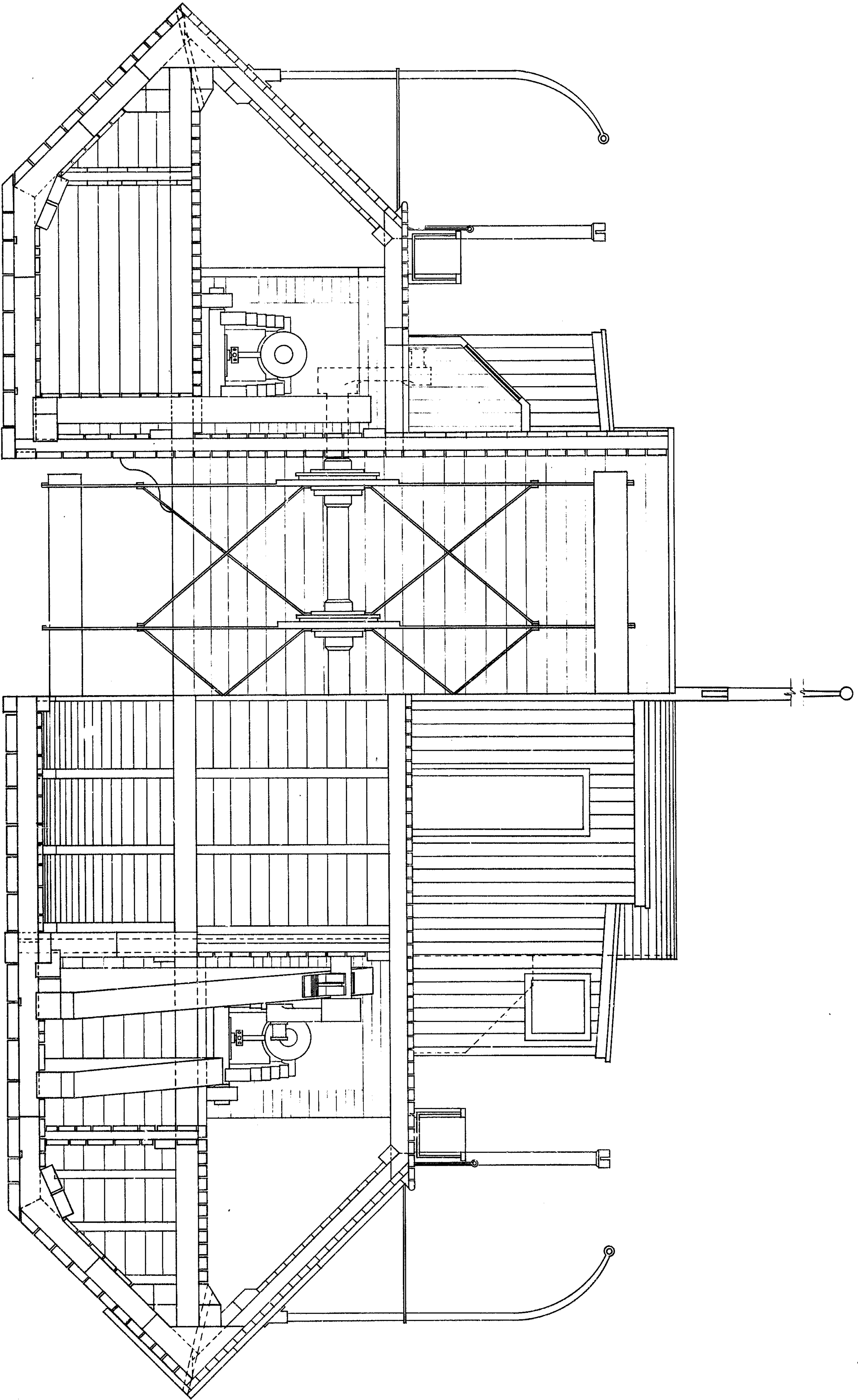
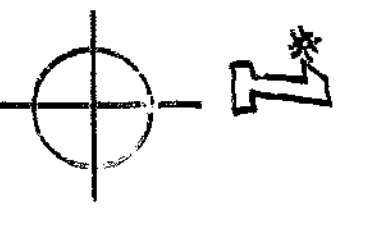


HISTORIC STRUCTURE REPORT

**key**



PREPARED	DRAWING NO.
DA/TM	306
DESIGNED	28000
ASHLEY	
DRAWN	
THORSON	
CHECKED	
02/16/81	
DATE	
	SHEET
	107
	18
	OF 29

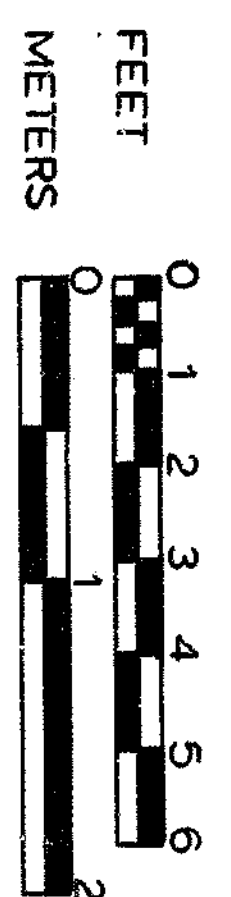


**frame # 25**

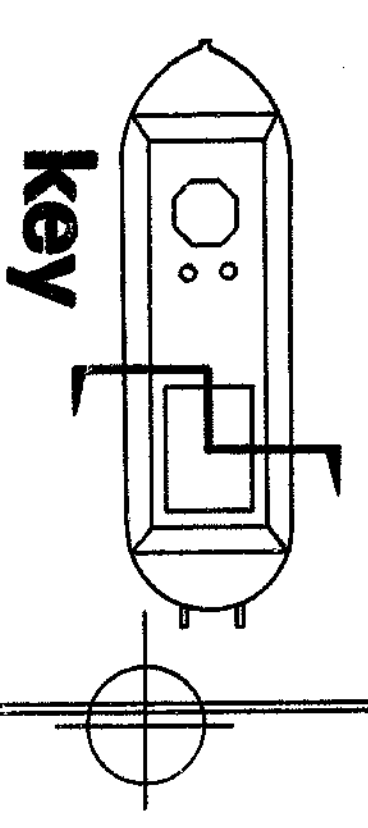
**frame # 50**

**LATERAL SECTION**

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

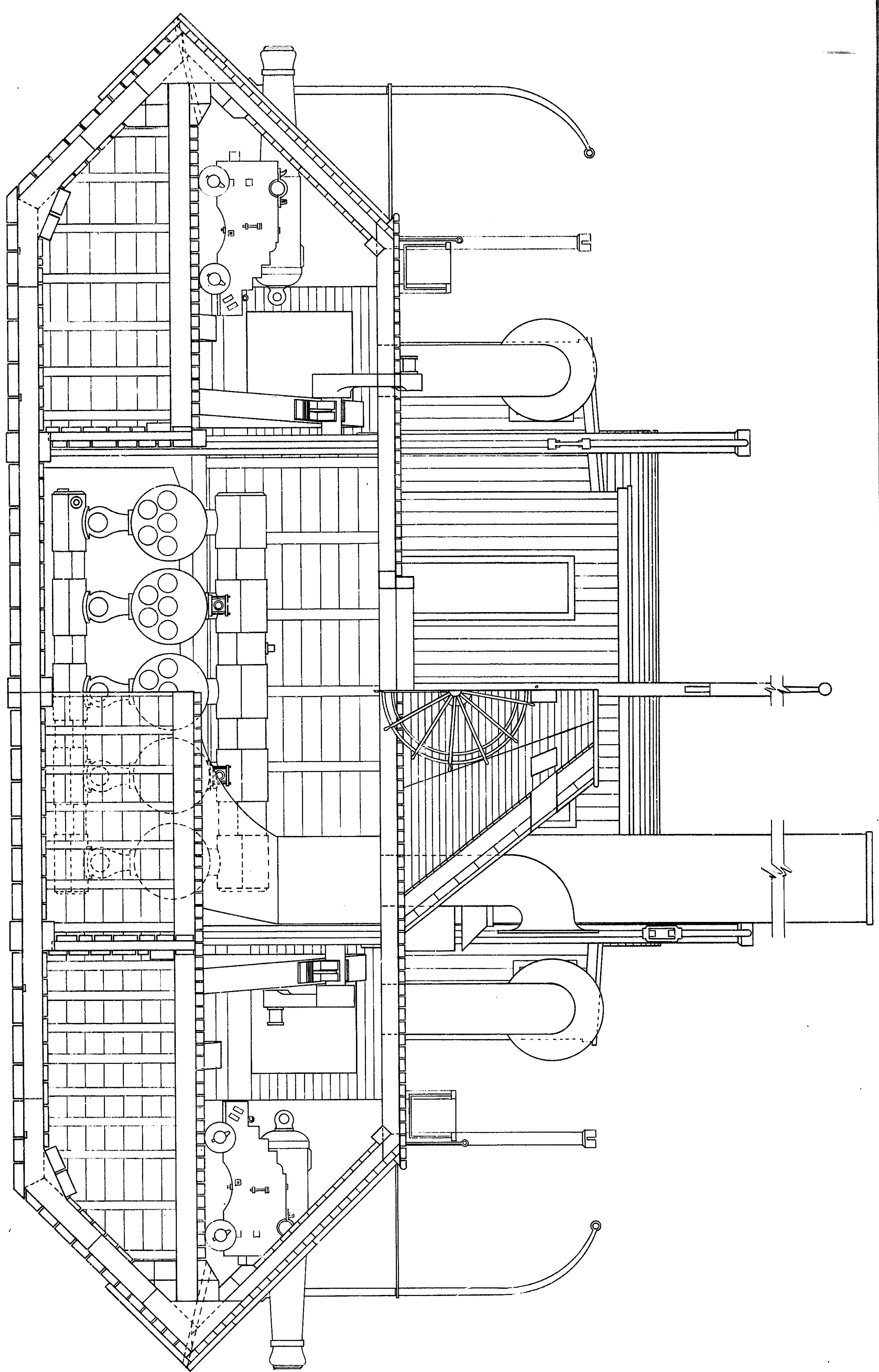


HISTORIC STRUCTURE REPORT



**key**

PREPARED	DRAWING NO.
DA, TM	306
DESIGNED	28000
ASHLEY	POP
DRAWN	R9
THEORSON	SHEET
CHECKED	<b>19</b>
DATE	OF 29
02/16/81	

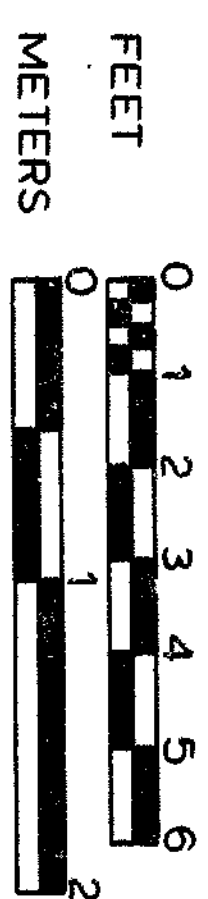


frame # 72

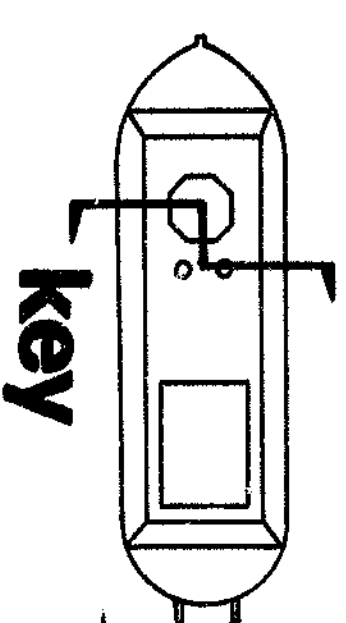
frame # 84

**LATERAL SECTION**

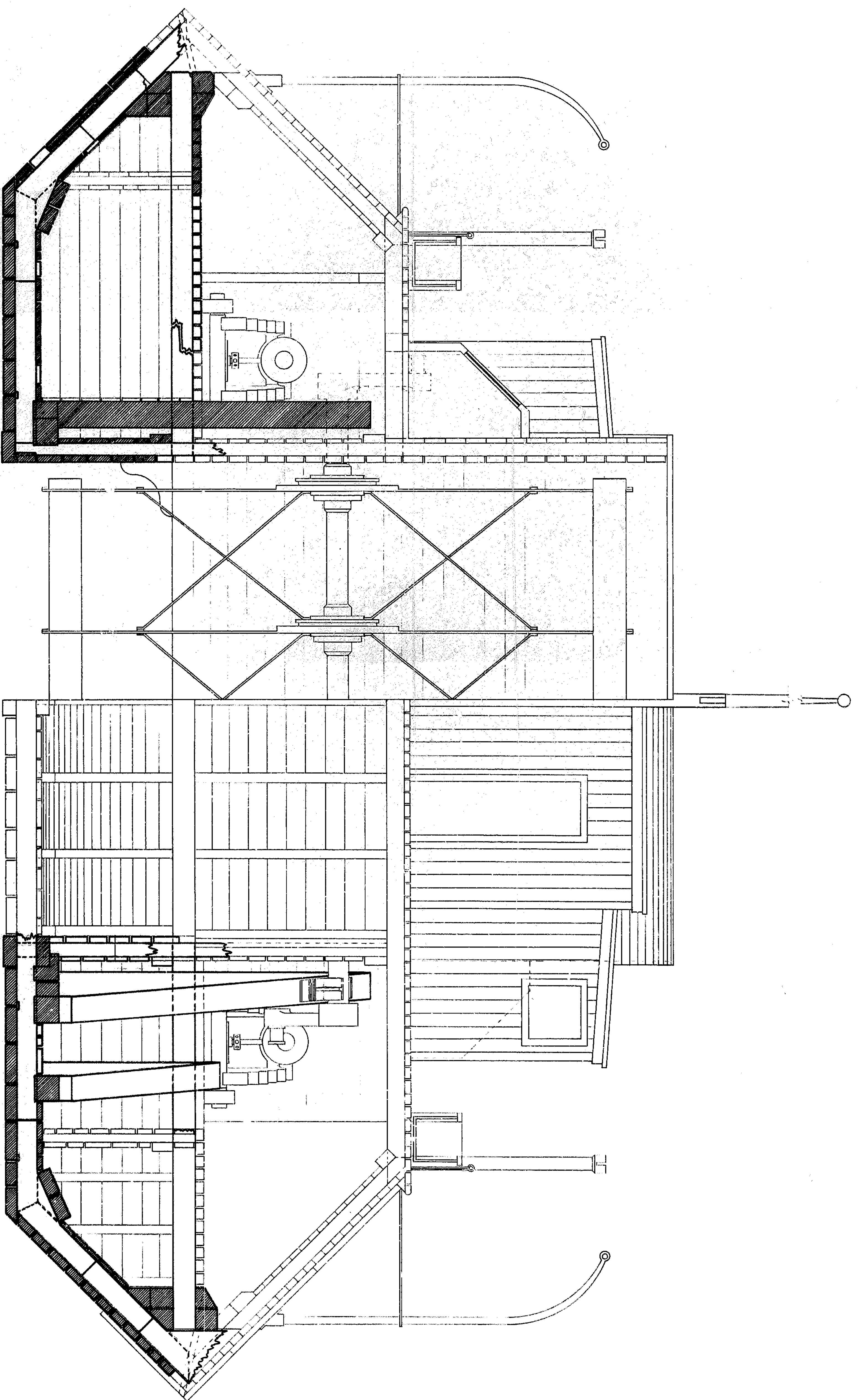
SCALE: 1/2"=1'-0"



HISTORIC STRUCTURE REPORT



PREPARED	DRAWING NO.
DA./TM	306
DESIGNED	28000
ASHLEY	
DRAWN	
THORSON	
CHECKED	
02/16/81	
DATE	
PAGE	SHEET
107	20
	OF 29



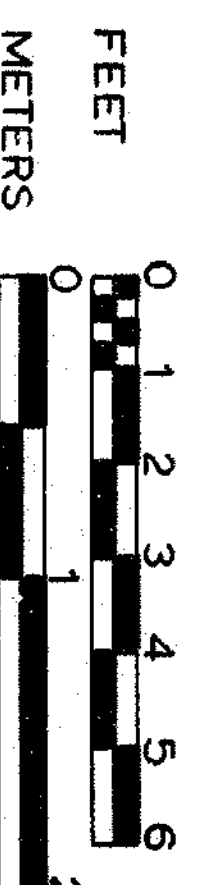
**frame # 25**

SECTION COMPOSITE SHOWING  
EXISTING FABRIC

**frame # 50**

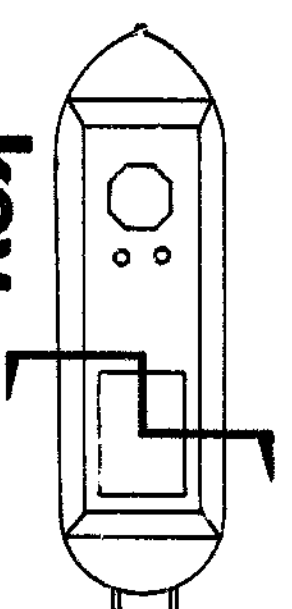
**LATERAL SECTION**

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

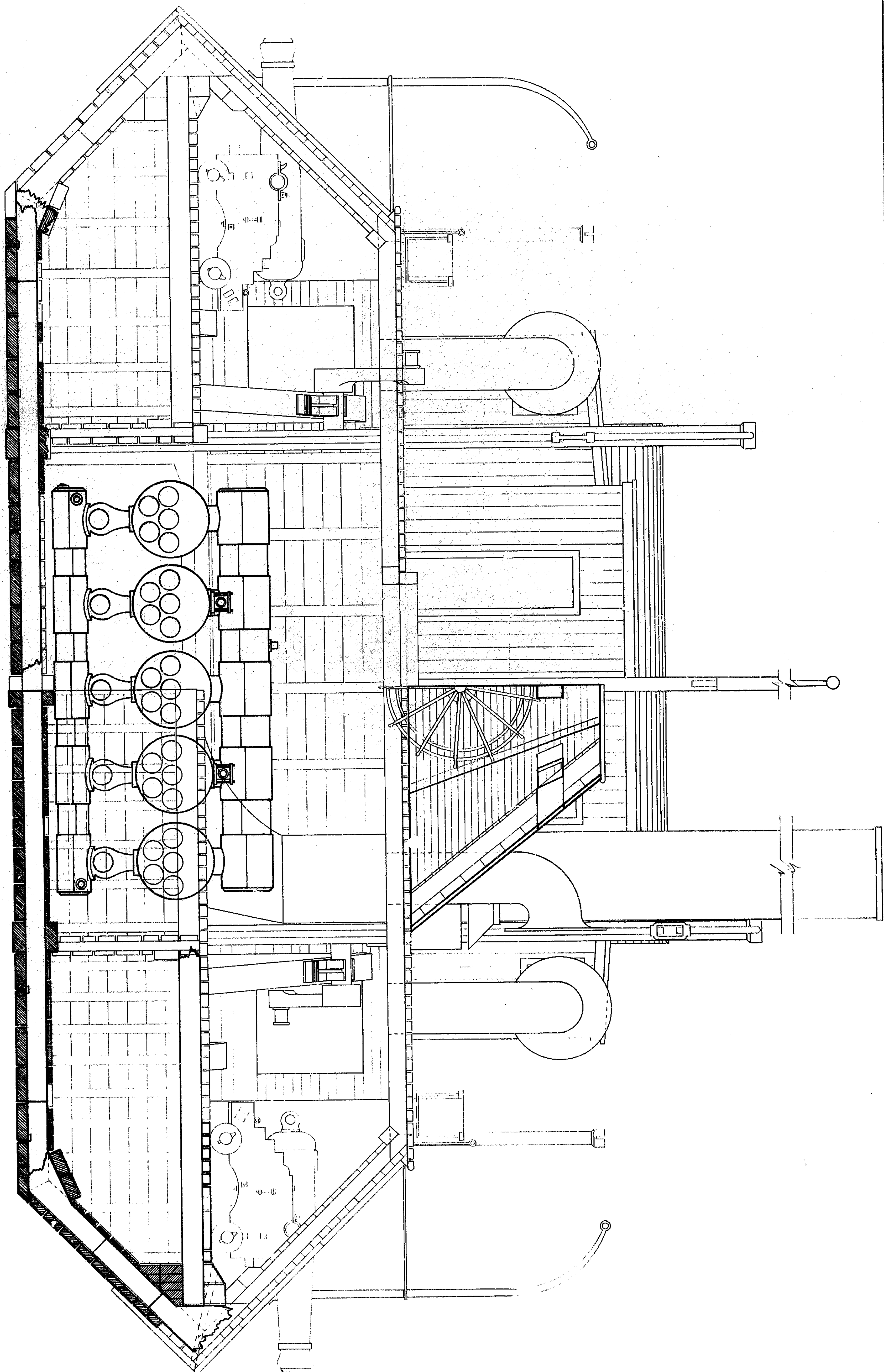


HISTORIC STRUCTURE REPORT

**key**



PREPARED	DRAWING NO.
ASHLEY	306
DESIGNED	
ASHLEY	28000
BY	
THORSON	
CHECKED	
02/16/81	
DATE	
	SHEET
	21
	OF 29



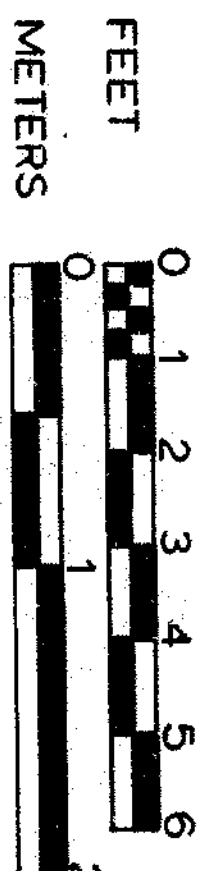
frame # 72

SECTION COMPOSITE SHOWING  
EXISTING FABRIC

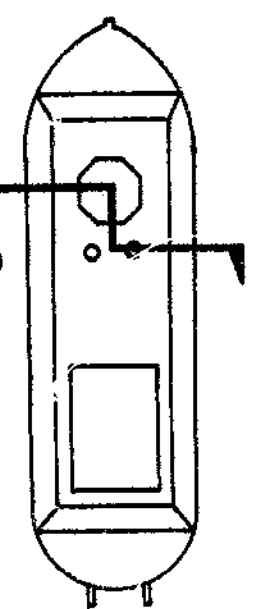
frame # 84

**LATERAL SECTION**

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



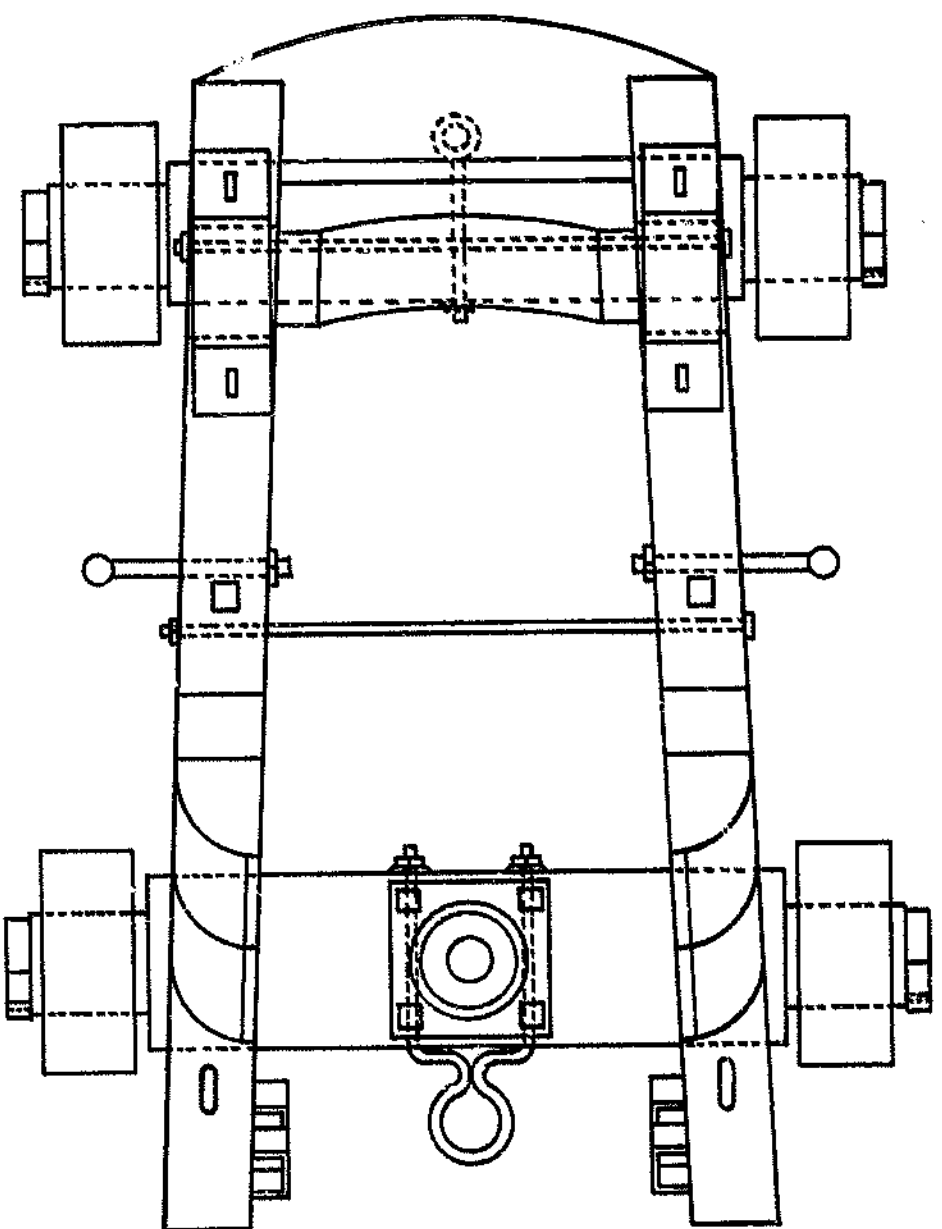
HISTORIC STRUCTURE REPORT



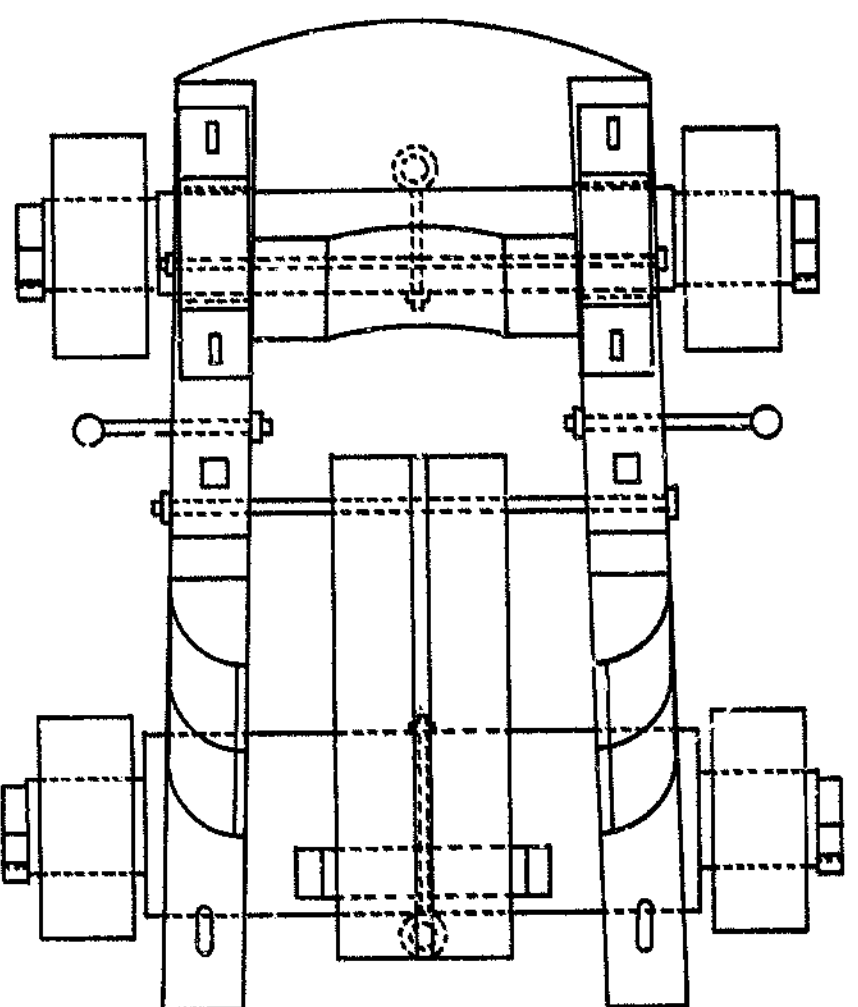
key

PREPARED ASHLEY DESIGNED ASHLEY DRAWN THORNSON CHECKED DATE 02/16/81	DRAWING NO. 305 28000 SHEET 101 OF 29
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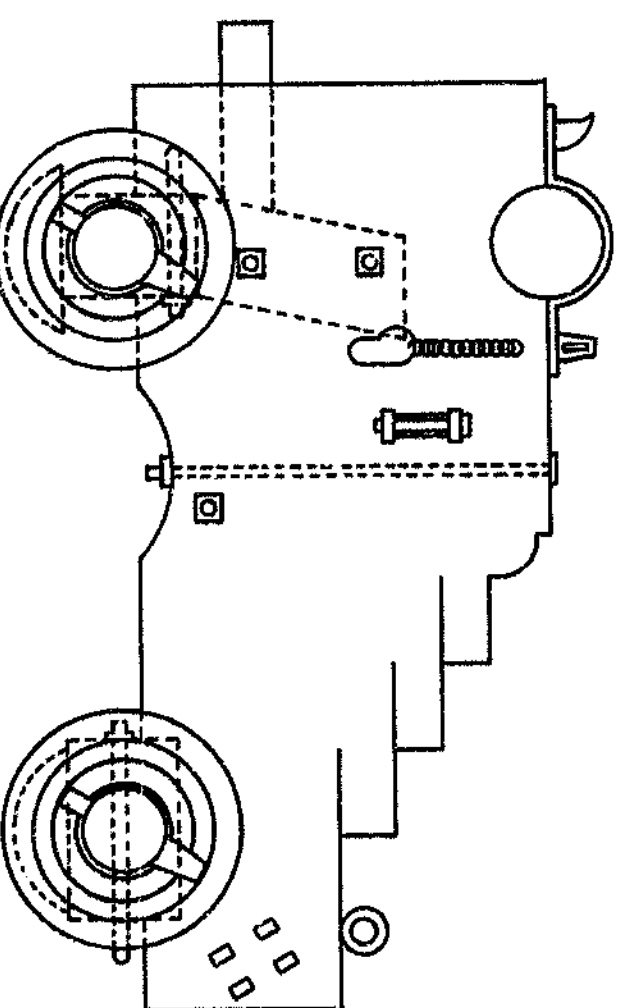
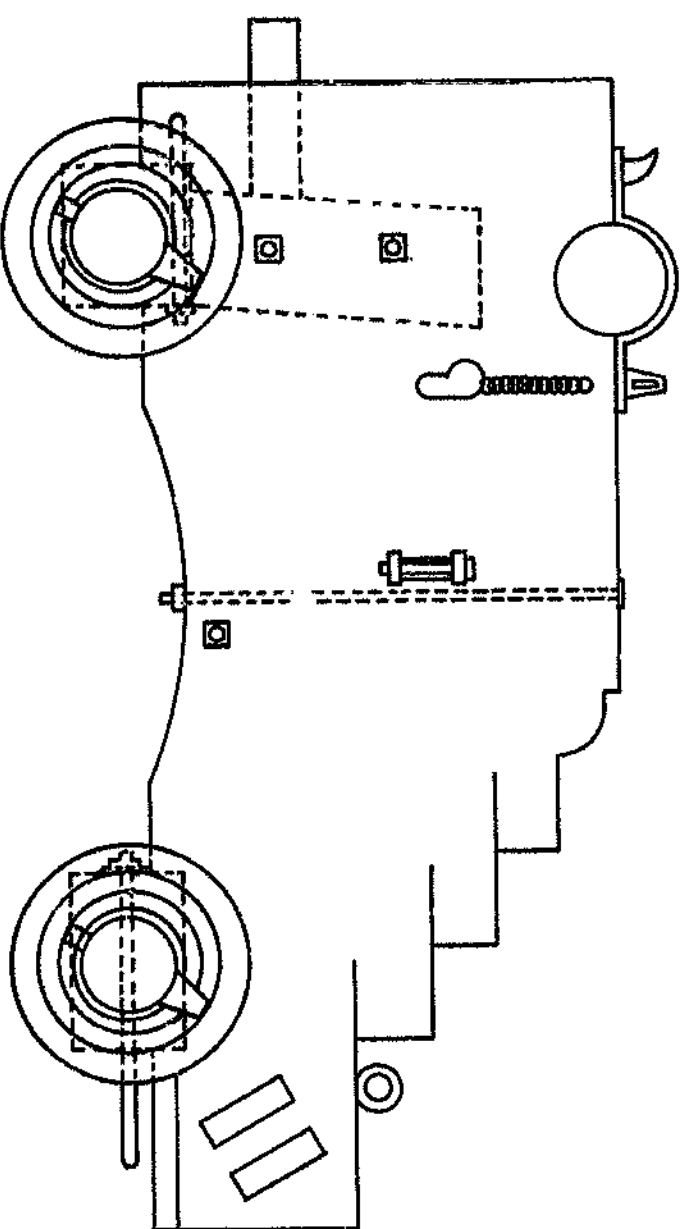
LARGE CARRIAGE to fit:  
8" smoothbores  
42 pounder rifles



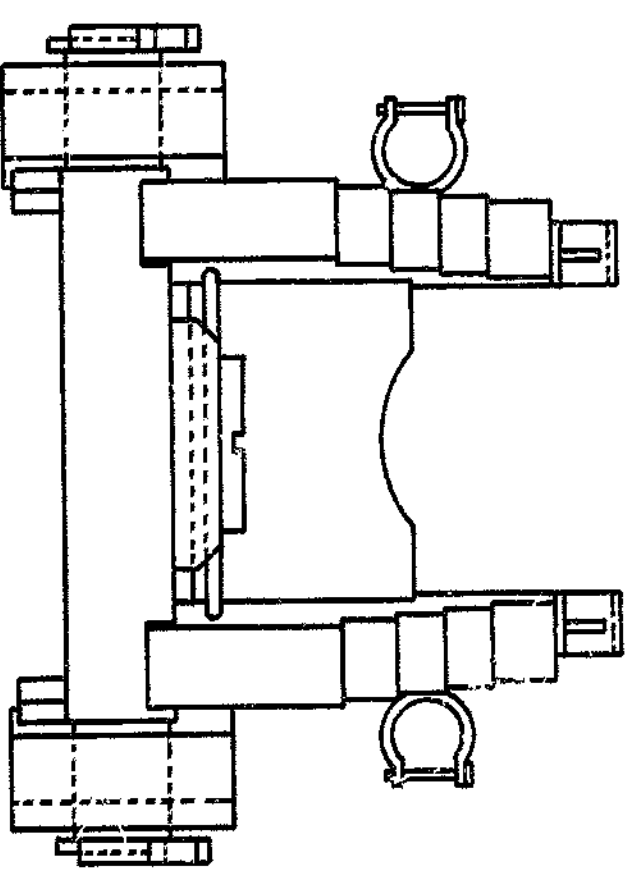
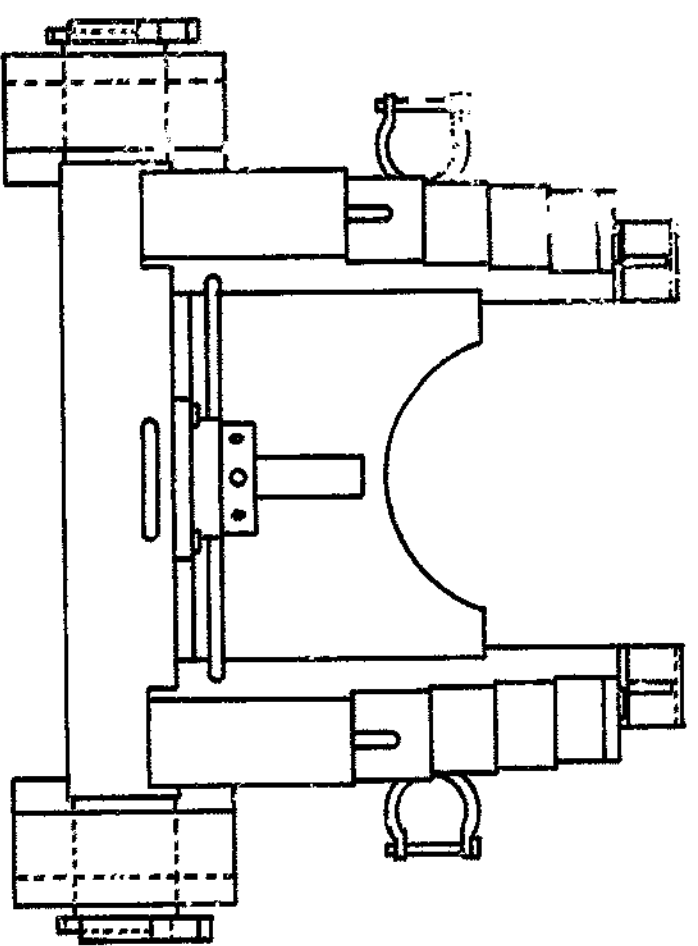
SMALL CARRIAGE to fit:  
32 pounder smoothbores  
30 pound parrot rifle



**PLANS**

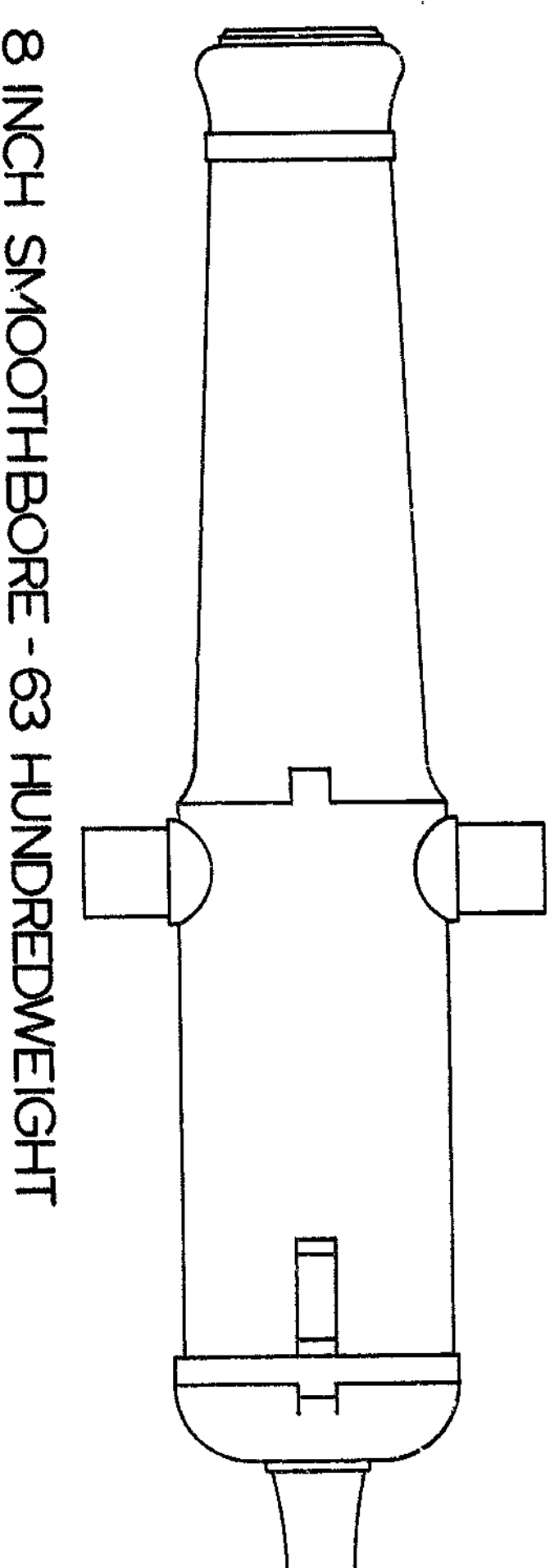


**ELEVATIONS**

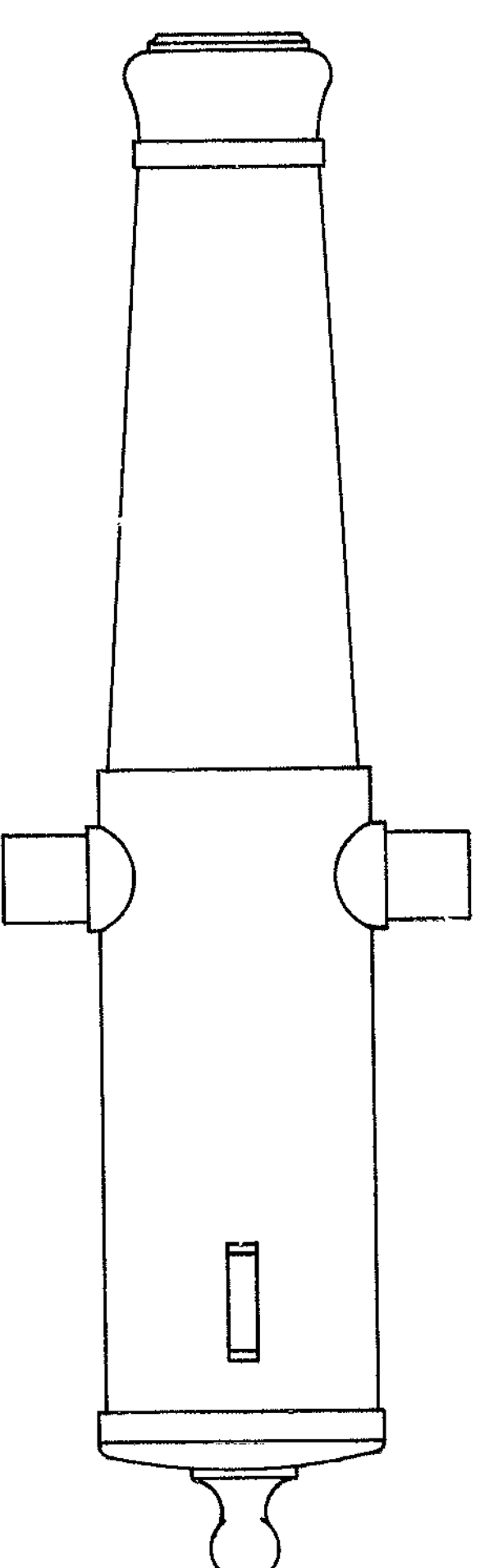


**GUN CARRIAGES & TUBES**

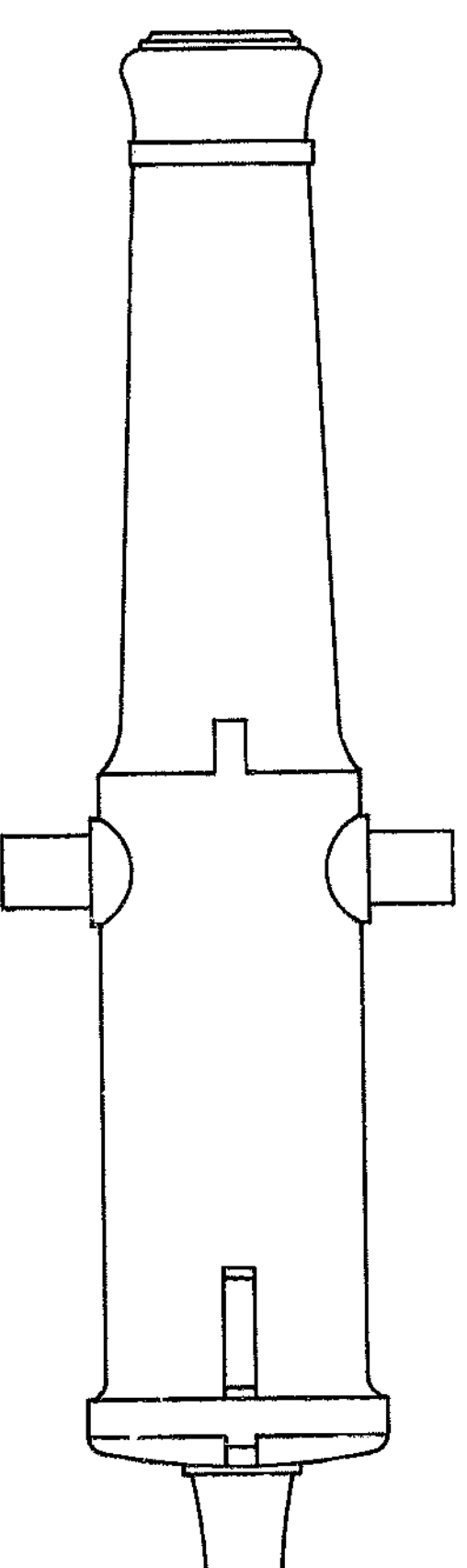
SCALE: 1:10'



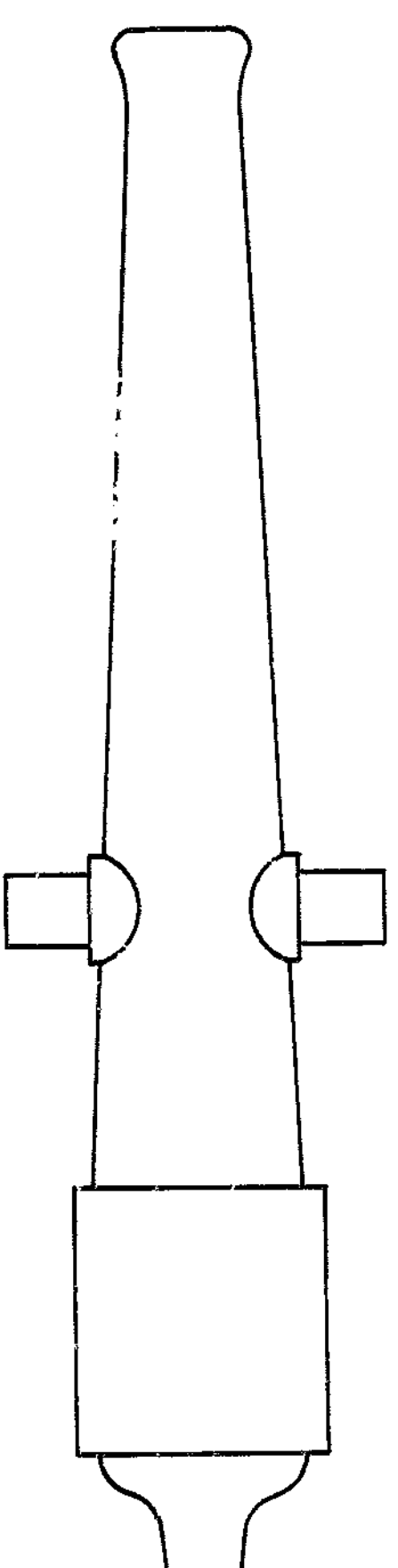
8 INCH SMOOTHBORE - 63 HUNDREDWEIGHT



ARMY 42 POUNDER - RIFLED



32 POUNDER SMOOTHBORE - 42 HUNDREDWEIGHT



30 POUND NAVY PARROT RIFLE

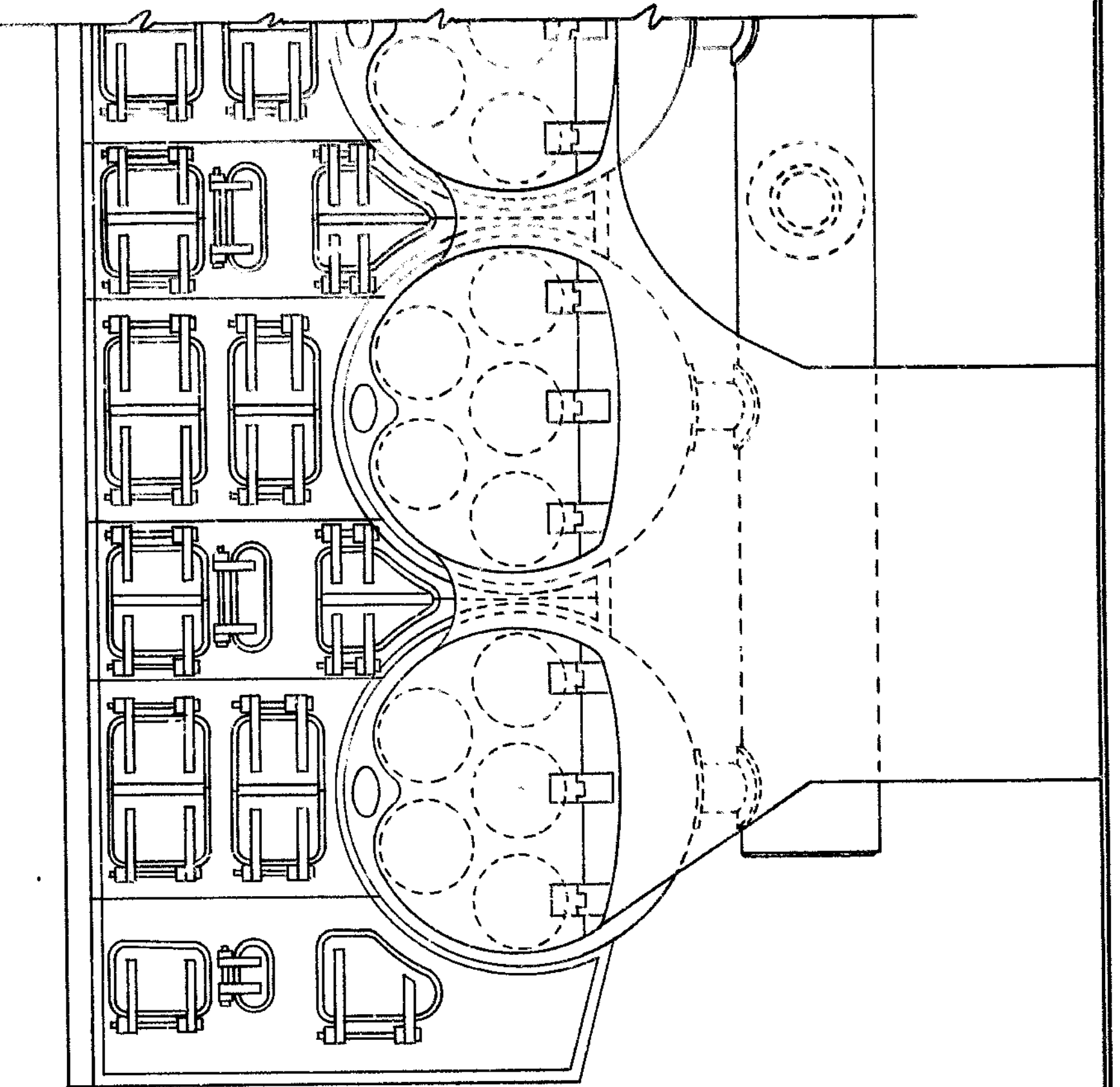


HISTORIC STRUCTURE REPORT

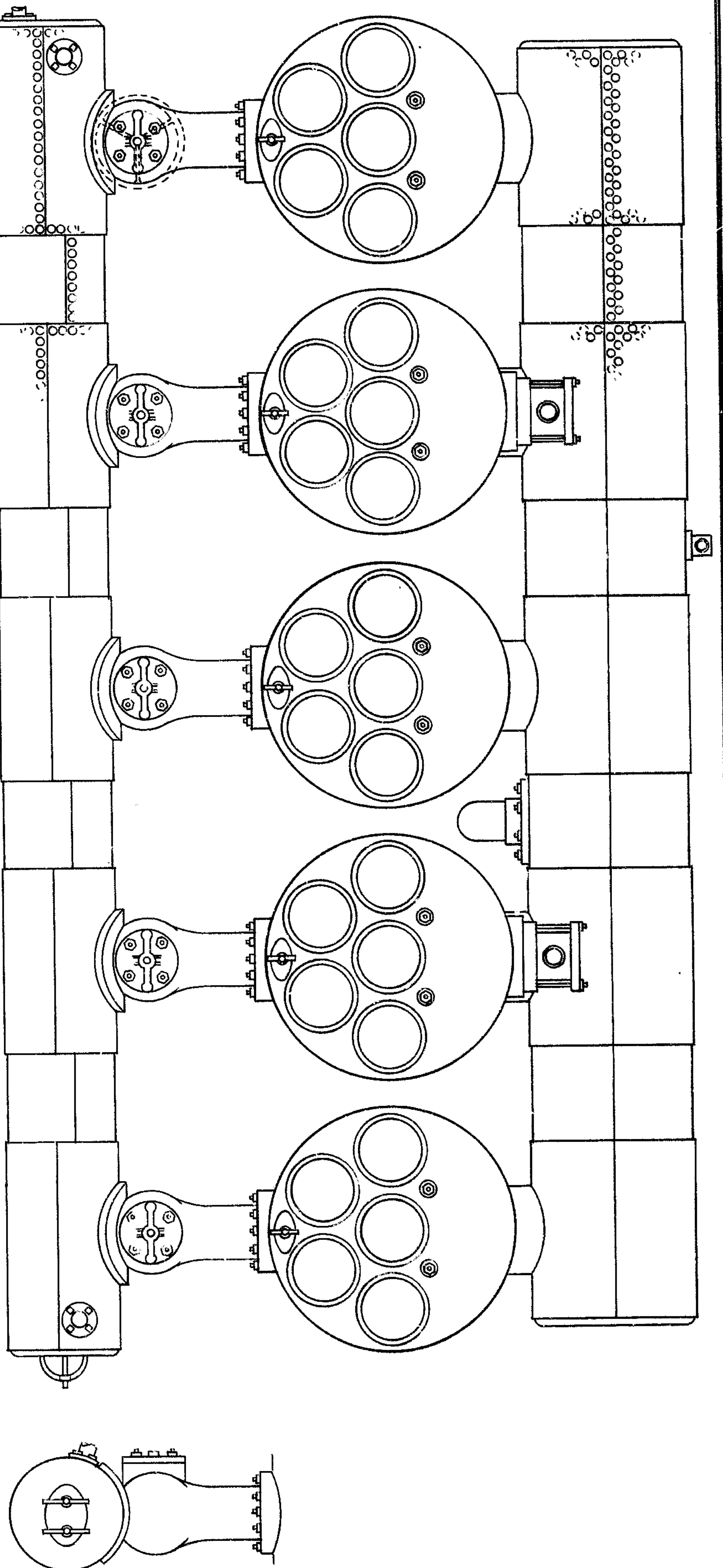
PREPARED	DA/TM	DRAWING NO.
DESIGNED	306	28000
ASHLEY		
DRAWN	THORSON	
CHECKED	02/16/81	
DATE		
		OF 29



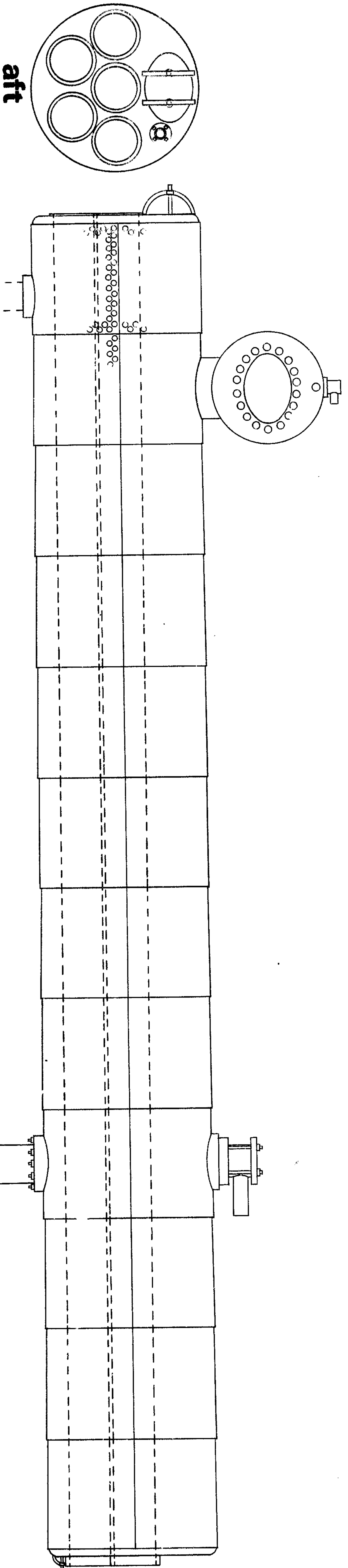




**1/2 forward elevation** SCALE: 3/4"-1'-0"  
 (AS DESIGNED)  
 BASIC DATA FROM NATIONAL ARCHIVES RECORD GROUP 92



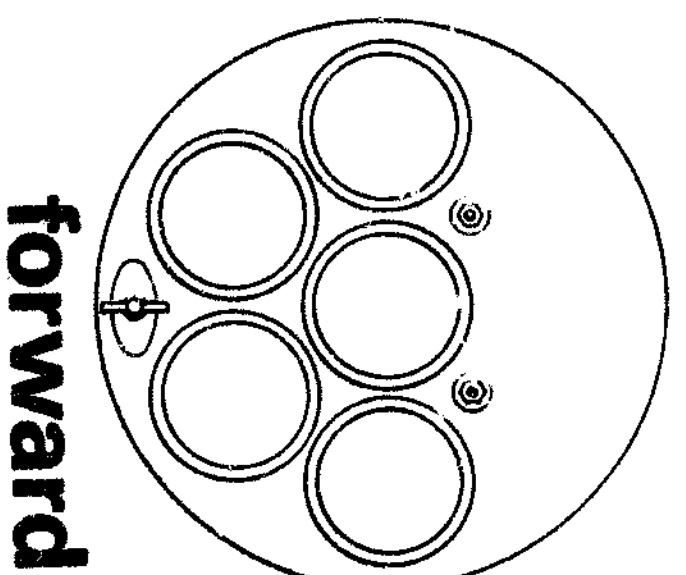
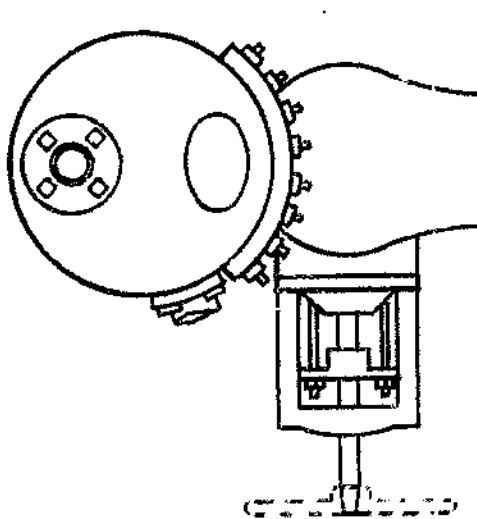
**lateral elevation - forward** SCALE: 1'-1'-0"  
 (AS BUILT)



**longitudinal elevation** SCALE: 1'-1'-0"  
 (AS BUILT)

**BOILER DETAILING**

SCALE VARIES



**forward**

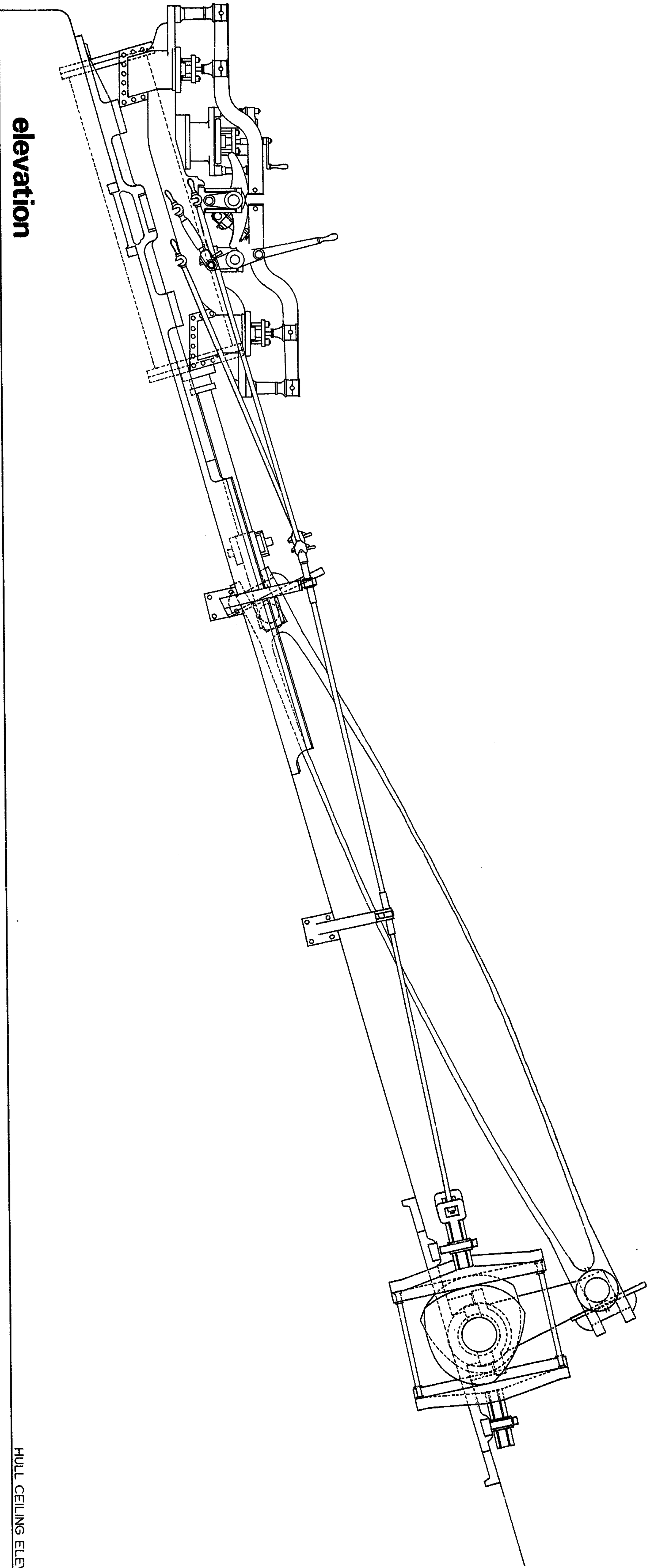


**key**



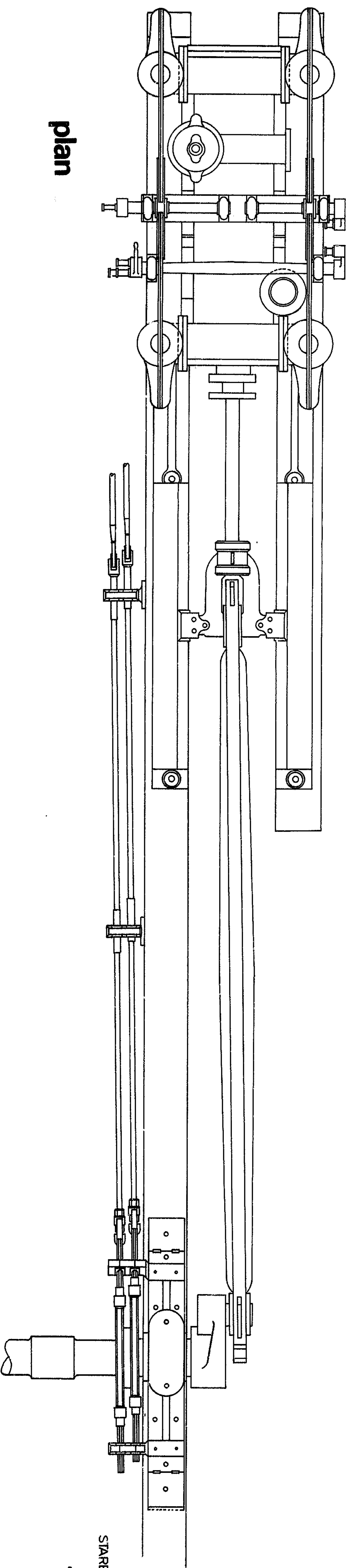
HISTORIC STRUCTURE REPORT

PREPARED	DRAWING NO.
DA/TM	306
DESIGNED	28000
SHLEY	
DRAWN	
THORSON	
CHECKED	
DATE	
	25
	SHEET
	OF 29



elevation

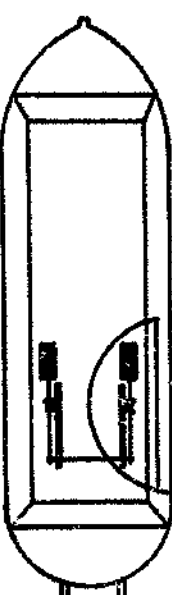
HULL CEILING ELEVATION



plan

STARBOARD SIDE SHOWN

key



# ENGINE, CAM & PITMAN ARM DETAILING

BASIC DATA FROM NATIONAL ARCHIVES RECORD GROUP 92

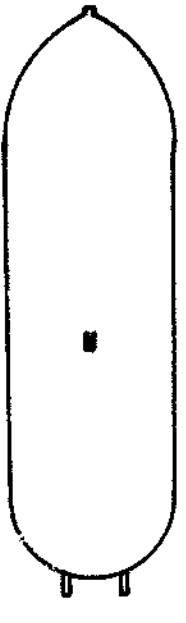
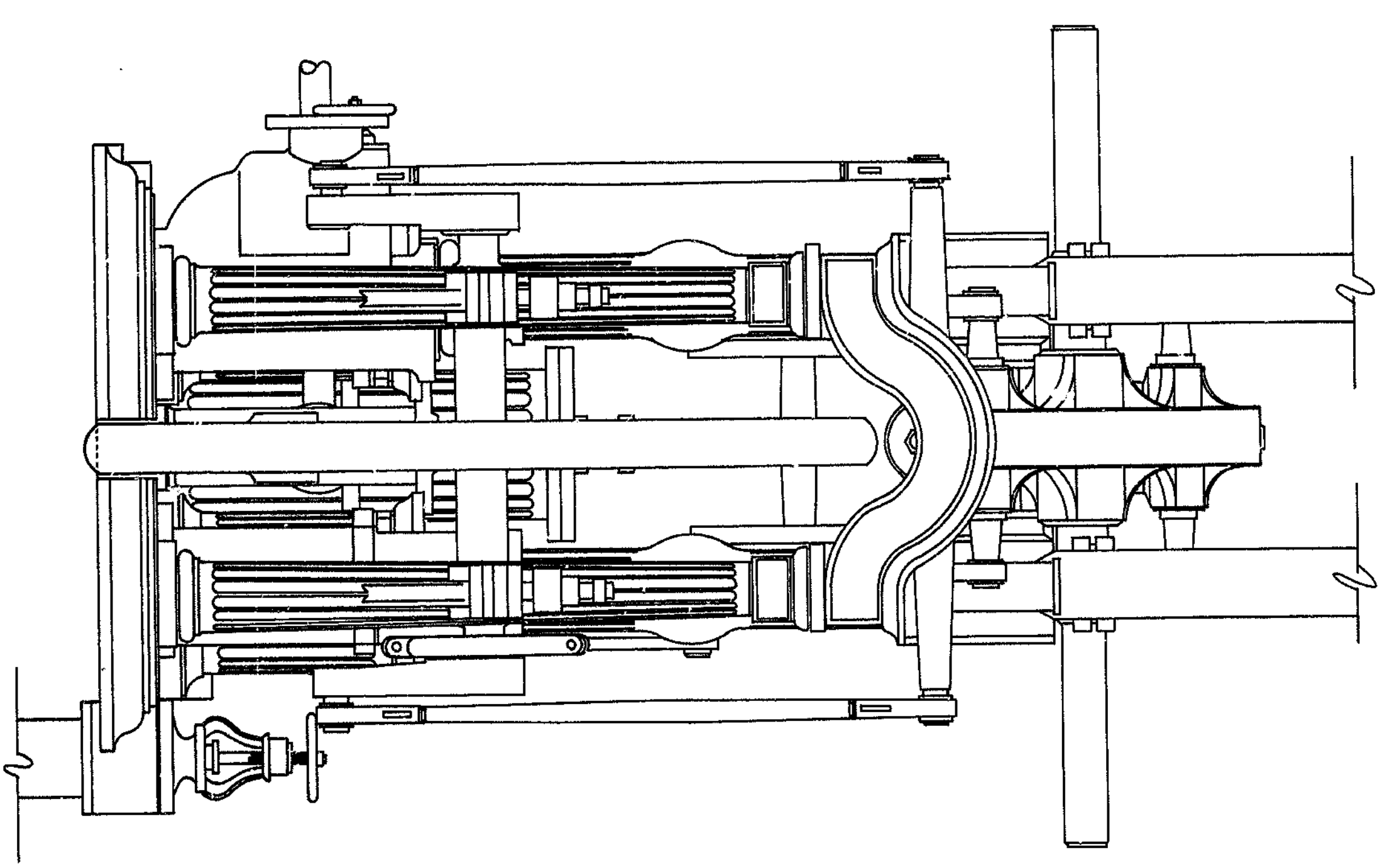
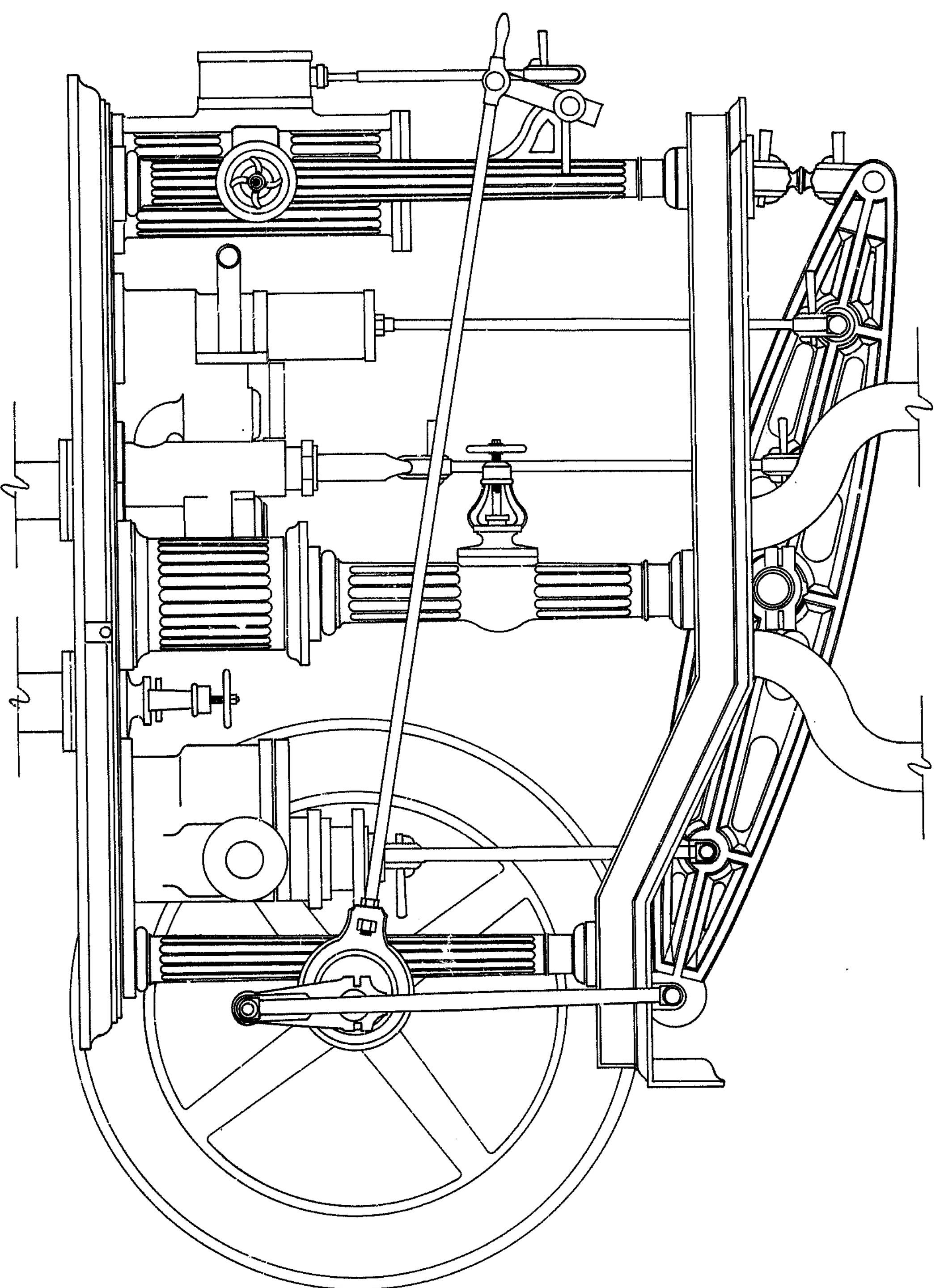
SCALE: 3/4"=1'-0"



HISTORIC STRUCTURE REPORT

PREPARED BY DA/TM  
DESIGNED BY ASHLEY  
DRAWN BY THORSON  
CHECKED BY THORSON  
DATE 02/15/81

DRAWING NO. 306  
28000  
PAGE 1 SHEET 26  
OF 29



key

**MAIN AUXILIARY ENGINE "The Doctor"**

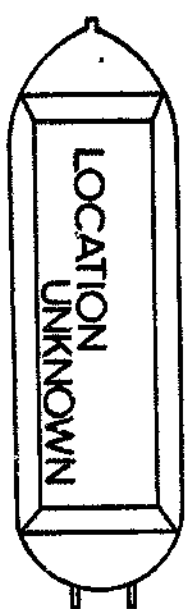
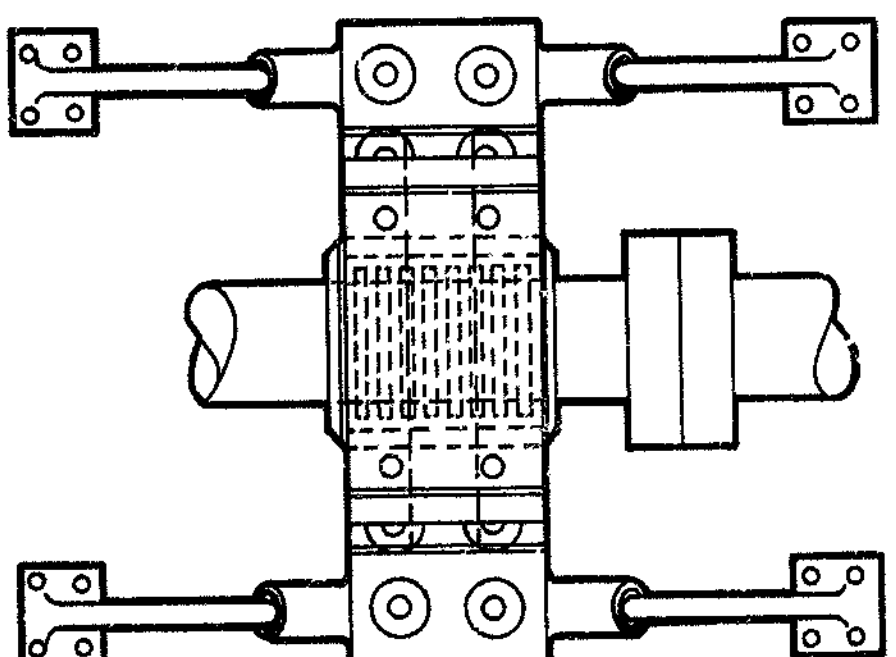
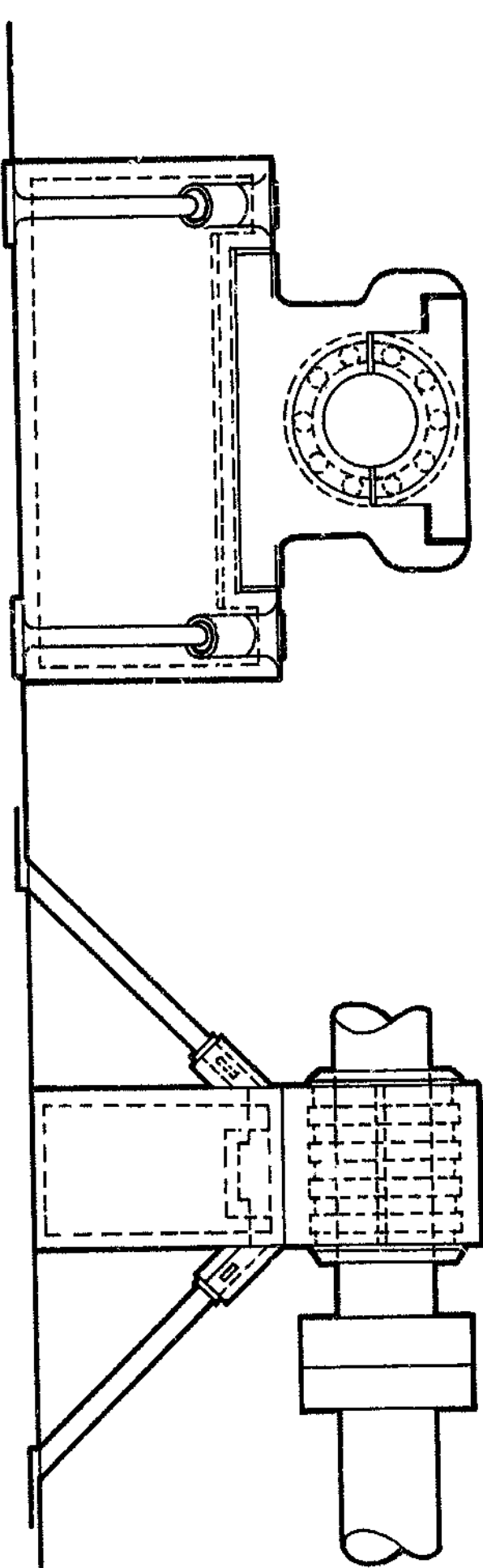
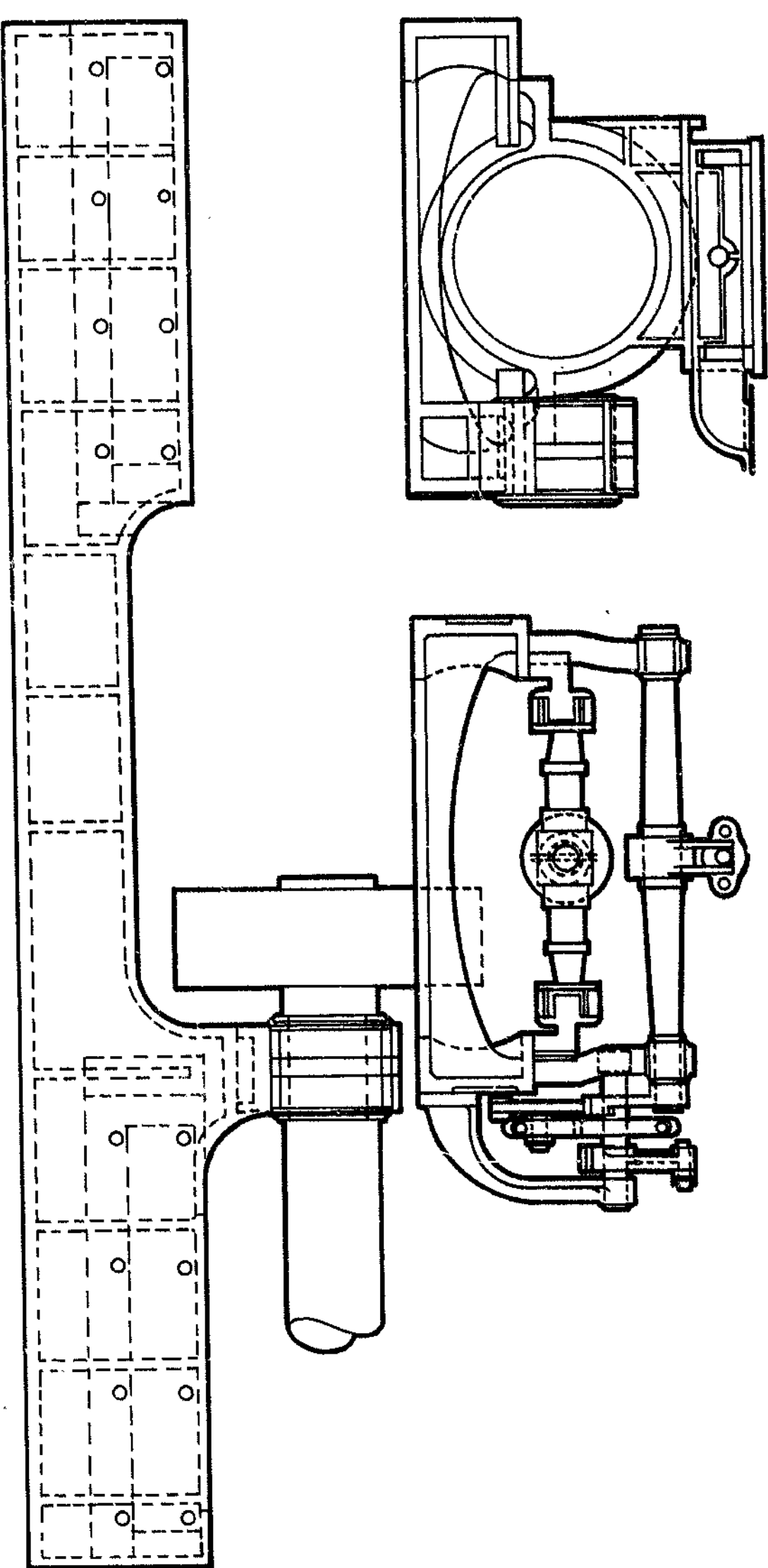
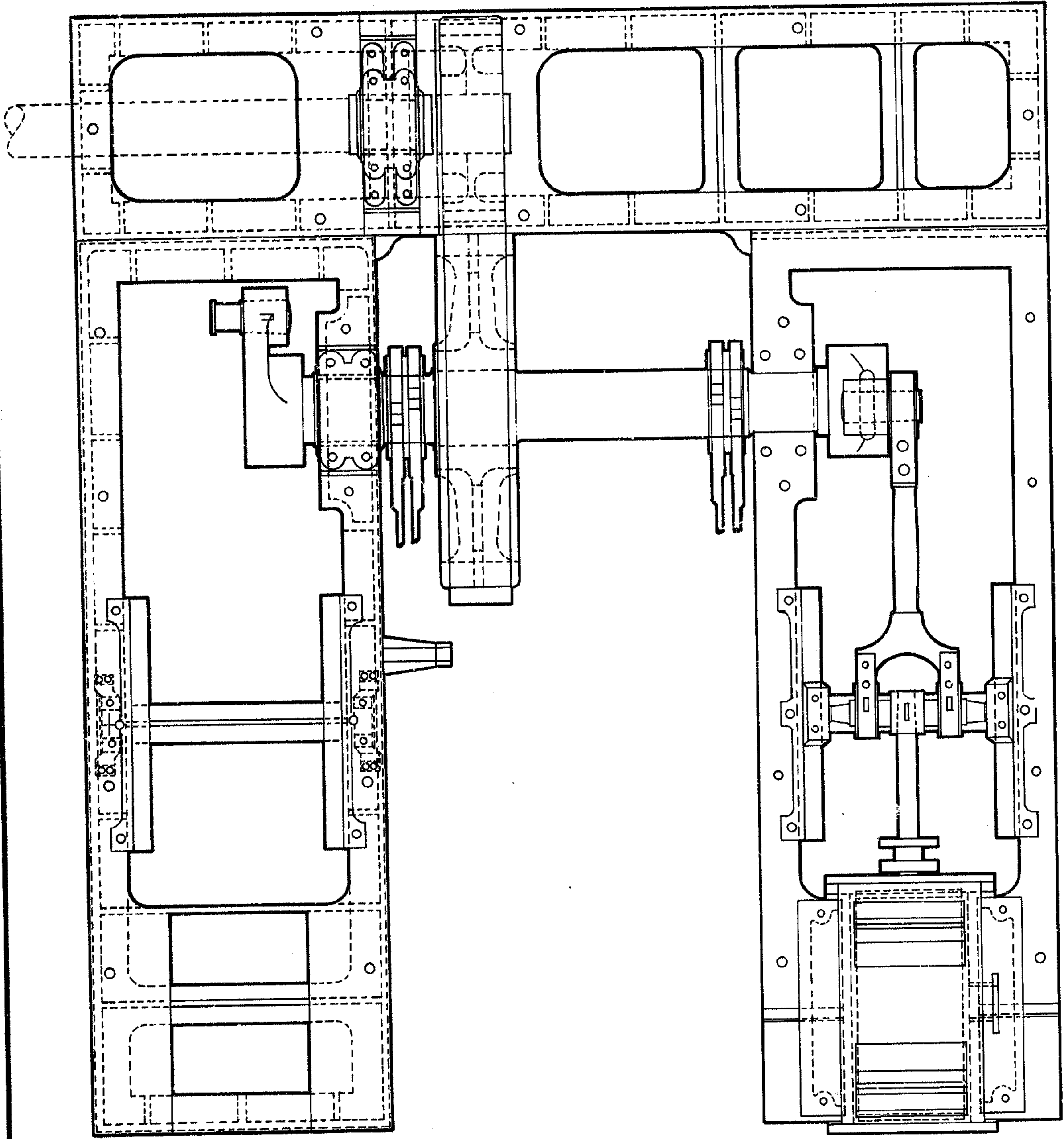
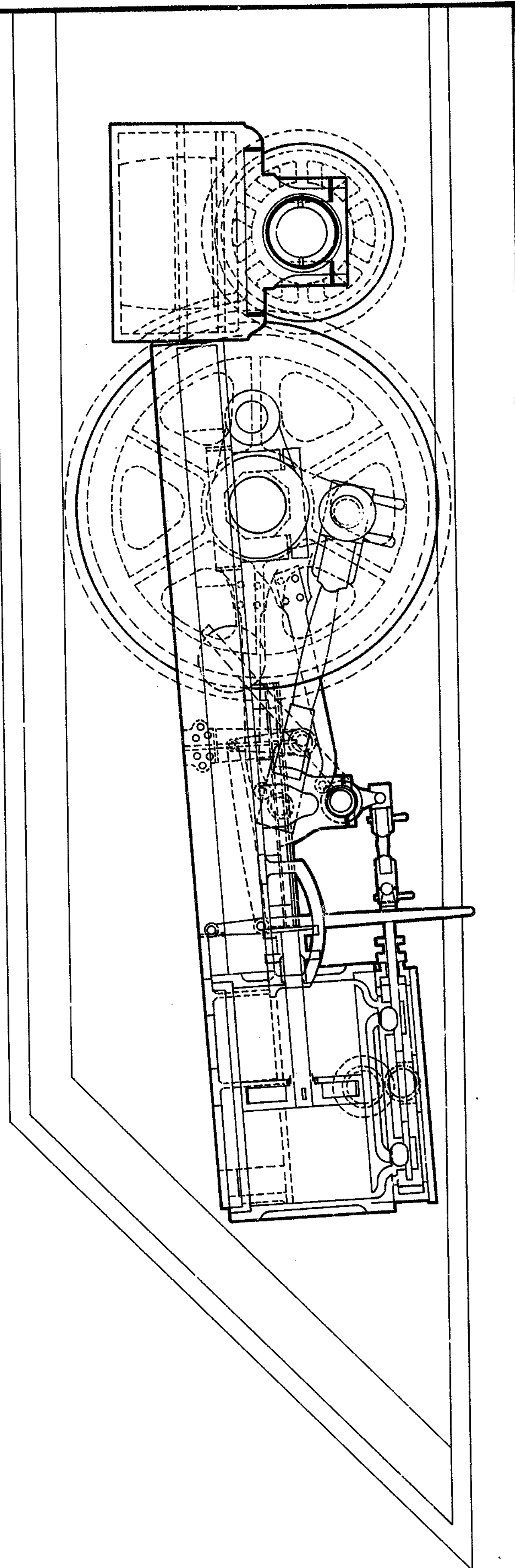
BASIC DATA FROM NATIONAL ARCHIVES RECORD GROUP 92

SCALE: 1 1/2" = 1'0"

FEET 0 1 2 3  
 METERS 0 1 2 3  
 HISTORIC STRUCTURE REPORT

PREPARED BY ASHLEY  
 DESIGNED BY ASHLEY  
 DRAWN BY THORSON  
 CHECKED BY THORSON  
 DATE 02/16/81

DRAWING NO. 306  
 28000  
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 OF 29



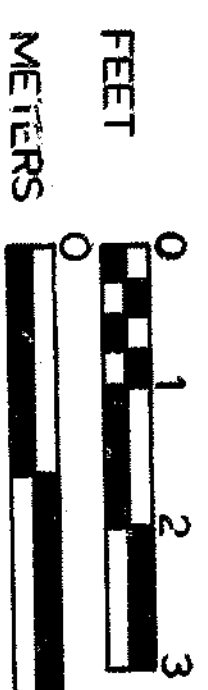
**key**

**AUXILIARY ENGINE**

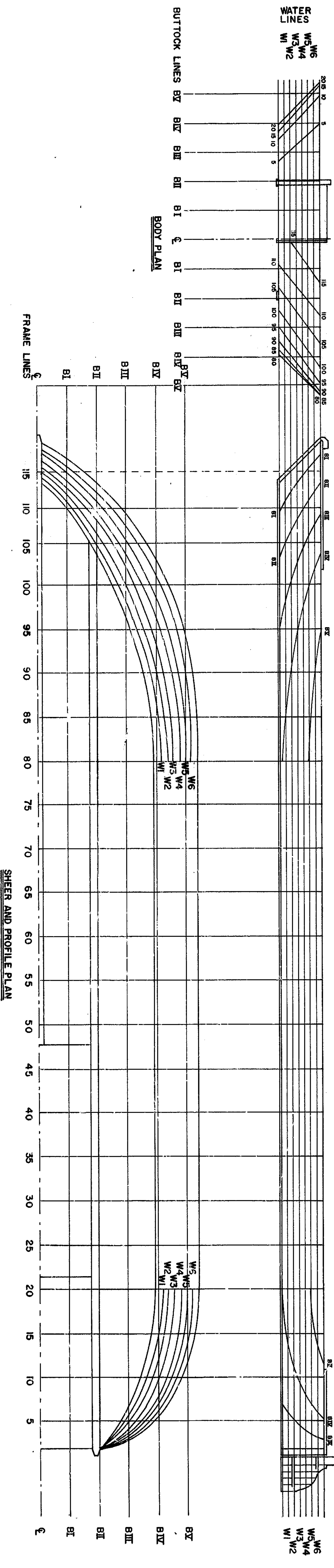
BASIC DATA FROM NATIONAL ARCHIVES RECORD GROUP 92

SCALE: 3/4"=1'-0"

HISTORIC STRUCTURE REPORT



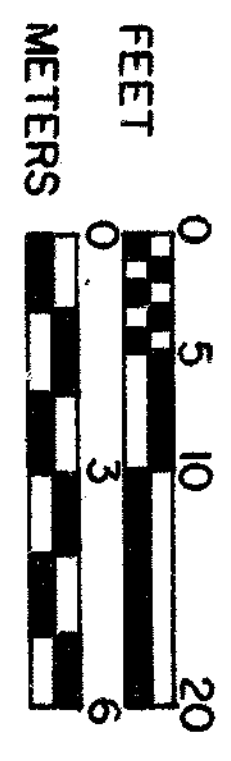
PREPARED BY	ASHLEY	DRAWING NO.	306
DESIGNED BY	ASHLEY	PAGE NO.	28000
DRAWN BY	THORSON	SHEET	28
CHECKED BY		OF	29
DATE	02/16/91		



SHEER AND PROFILE PLAN

**HULL LINES**

SCALE: 1/8"=1'-0"



HISTORIC STRUCTURE REPORT

PREPARED	MCGRATH	DRAWING NO.	306
DESIGNED	MCGRATH	28000	SHEET
DRAWN	THORSON	PCF	29
CHECKED	THORSON	RT	OF 29
DATE	02/16/81		