BB35

BOOKLET OF GENERAL PLANS

"RESTRICTED"

Statement A: Approved for Public Release; Distribution is unlimited.
SEA 21, 2012

ALTERATIONS

NAVY YARD	DATE	DESCRIPTION	APP'ED.
P.S. NY.	8-22-35	RETRACED AND CORRECTED TO 9-16-35 REVISED TO CONFORM WITH BU. C & R. LT. TR 51-3-(4)(RL) EN 7/A2-11-(2R) OF 24 JAN. 1934	[illegible]
P.S.N.Y.	1/26/37	REVISED AND CORRECTED TO JAN. 5TH 1936 MT. TRUNK A-22 & INNER BOTTOM AND HOLD ADDED FOR PYROMETER LOW SYSTEM. PYROTECHNIC STOWAGE ADDED ON SUPER-STRUCTURE DECK IN CONNING TOWER STRUCTURE, PORT SIDE. SEARCHLIGHT PLATFORM ON MAINMAST EXTENDED. SEARCHLIGHT CONTROL PLATFORM ON MAINMAST BECOMES MOVING PICTURE OPERATING BOOTH. AMMUNITION STOWAGE CHANGES ON SECOND PLATFORM AND OTHER MISCELLANEOUS CHANGES NOTED.	[illegible]
NORFOLK NAVY YD	4-14-38	BOOKLET CORRECTED TO CONFORM WITH THE SHIP.	[illegible]
NORFOLK NAVY YD	12-1-38	BOOKLET CORRECTED TO CONFORM WITH THE SHIP.	[illegible]
NORFOLK NAVY YD.	5-23-40	BOOKLET CORRECTED TO CONFORM WITH THE SHIP.	[illegible]
NORFOLK NAVY YD	10- -41	BOOKLET CORRECTED TO CONFORM WITH THE SHIP.	[illegible]
NORFOLK NAVY YD	3-25-42	BOOKLET CORRECTED TO CONFORM WITH THE SHIP.	[illegible]
NORFOLK NAVY YD	11-7-42	BOOKLET CORRECTED TO CONFORM WITH THE SHIP.	[illegible]
BOSTON NAVY YARD	7-29-43	BOOKLET CORRECTED TO CONFORM WITH CHANGES MADE ON THE VESSEL AT BOSTON NAVY YARD.	[illegible]
NEW YORK NAVY YARD	7-18-44	BOOKLET CORRECTED TO CONFORM WITH CHANGES ON SHIP AS OF 7-18-44.	[illegible]

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HOLD	12
INNER BOTTOM	13

PREPARED AT
NAVY YARD PUGET SOUND

RETRACED FROM BOOKLET BU. C&R. NO 17021 A-C PREPARED IN THE OFFICE OF THE MANAGER AT NORFOLK NAVY YARD AFTER MAJOR ALTERATIONS.

TRACED [illegible]
CHECKED [illegible]
SUPERVISOR [illegible]
CHIEF DRAFTSMAN [illegible]
DATE 8/22/35
APPR'D [illegible] LT. COMDR. USN
FOR PLANNING OFFICER

BU.C.&R. No 17021

FIRE PLUGS

PLUG Nº	DECK	SIDE	FRAME	COMPT.	PLUG Nº	DECK	SIDE	FRAME	COMPT.
13	2ND PLATFORM	S	33	A-35	43	2ND DK.	S	59-60	CRW.SPACE
23	1ST PLATFORM	P	26-27	A-50	44	2ND DK.	P	59-60	CRW.SPACE
24	1ST PLATFORM	S	26-27	A-50	45	2ND DK.	S	72-73	CRW.SPACE
25	1ST PLATFORM	P	40-41	A-56	46	2ND DK.	P	72-73	CRW.SPACE
3	1ST PLATFORM	S	40-41	A-56	47	2ND DK.	S	76-77	CRW.SPACE
6					48	2ND DK.	P	76-77	CRW.SPACE
7					49	2ND DK.	S	76	CRW.SPACE
8	1ST PLATFORM	P	77½-78	C-34-P	50	2ND DK.	P	76-77	CRW.SPACE
9	1ST PLATFORM	S	77½-78	C-34-S	51	2ND DK.	S	92-93	CRW.SPACE
10	1ST PLATFORM	P	88-89	C-37	52	2ND DK.	P	92-93	CRW.SPACE
11	1ST PLATFORM	S	88-89	C-37	53	2ND DK.	S	107	CRW.SPACE
12	1ST PLATFORM	P	108-106	D-29	54	2ND DK.	P	107	CRW.SPACE
13	1ST PLATFORM	S	105-106	D-29	55	2ND DK.	S	122-123	CRW.SPACE
14	1ST PLATFORM	S	119-120	¼ D-35	56	MAIN DK.	S	13-14	WEATHER
15	1ST PLATFORM	S	119-120	¼ D-35	57	MAIN DK.	S	13-14	WEATHER
16	3RD DK.	P	34-35	A-111	58	MAIN DK.	P	34-35	WEATHER
17	3RD DK.	S	49½-50	A-117	59	MAIN DK.	S	34-35	WEATHER
18	3RD DK.	P	49½-50	A-117	60	MAIN DK.	P	48-49	WEATHER
19	3RD DK.	S	59½-60	B-101	61	MAIN DK.	S	48-49	WEATHER
20	3RD DK.	P	59¼	B-100	62	MAIN DK.	P	62-63	WEATHER
21	3RD DK.	S	77-77½	C-101	63	MAIN DK.	S	61-62	WEATHER
22	3RD DK.	P	77-77½	C-102	64	MAIN DK.	P	76-77	WEATHER
23	3RD DK.	S	91-92	C-101	65	MAIN DK.	S	76-77	WEATHER
24	3RD DK.	P	91-92	C-102	66	MAIN DK.	P	92-93	WEATHER
25	3RD DK.	S	104-106	D-109	67	MAIN DK.	S	92-93	WEATHER
26	3RD DK.	P	104-106	D-108	68	MAIN DK.	P	106-107	WEATHER
27	BERTH DK.	S	122-123	D-111	69	MAIN DK.	S	106-107	WEATHER
28	HALF DK.	P	18-19	A-122	70	MAIN DK.	S	121-122	WEATHER
29	HALF DK.	S	34-35	A-123	71	SUPER DK.	S	47-48	SUPER DK.
30	HALF DK.	P	34-35	A-123	72	SUPER DK.	P	47-48	SUPER DK.
31	2ND DK.	S	13-14	A-125	73	NAV. BRIDGE	S	49	SUPER DK.
32									
33	2ND DK.	S	40-41	A-127					
34	2ND DK.	P	35-36	A-127					
35	2ND DK.	S	47-48	CRW.SPACE	AMT. OF F.P.				
36	2ND DK.	P	47-48	CRW.SPACE	3	HOLD	P	28	A-15P
37					3	HOLD	S	43	A-24-S
38					3	HOLD	S	79	C-S
39					3	HOLD	S	105	D-3
40					4	1ST PLAT.	S	20	A49-S
41					4	1ST PLAT.	S	122	D26-S
42									

RECAPITULATION OF FIRE PLUGS

2ND PLATFORM	1	HALF DECK	3
1ST PLATFORM	20	2ND DECK	18
3RD DECK	11	MAIN DECK	15
BERTH DECK	1	SUPERSTRUCTURE	2
NAV. BRIDGE	1	HOLD	12
TOTAL 84			

COMPLEMENT

COMMANDING OFFICER	1
WARDROOM OFFICERS (INCLUDING 2 MARINE OFF.)	39
JUNIOR OFFICERS	25
WARRANT OFFICERS	10
TOTAL OFFICERS	100
SEAMEN BRANCH —	903
ARTIFICER	83
ENGINE ROOM	296
SPECIAL	106
COMMISSARY	26
MESSMEN	38
MARINES	85
TOTAL CREW NOT INCLUDING MARINES	1625
TOTAL OFFICERS	100
TOTAL ON BOARD	1810

SMALL BOATS

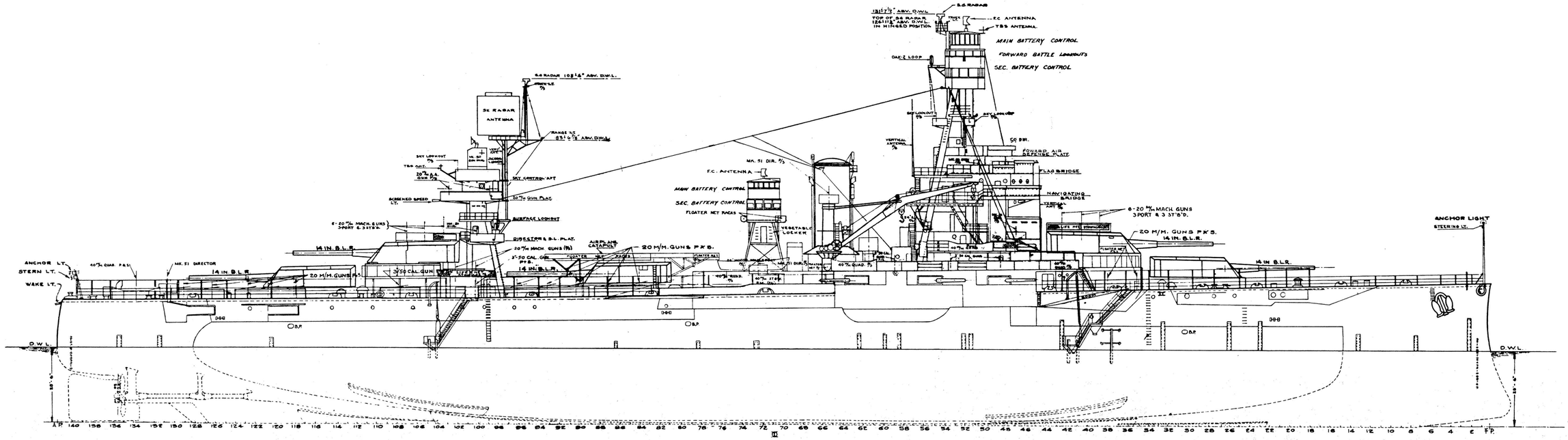
Nº	SIZE	MEN EACH	MEN TOTAL	WT. EACH EQUIPPED
2	26' MOTOR WHALE BOATS	24	48	4756
36	FLOATER NETS	25	850	
	TOTAL CAPACITY —		898	MEN

PRINCIPAL DIMENSIONS

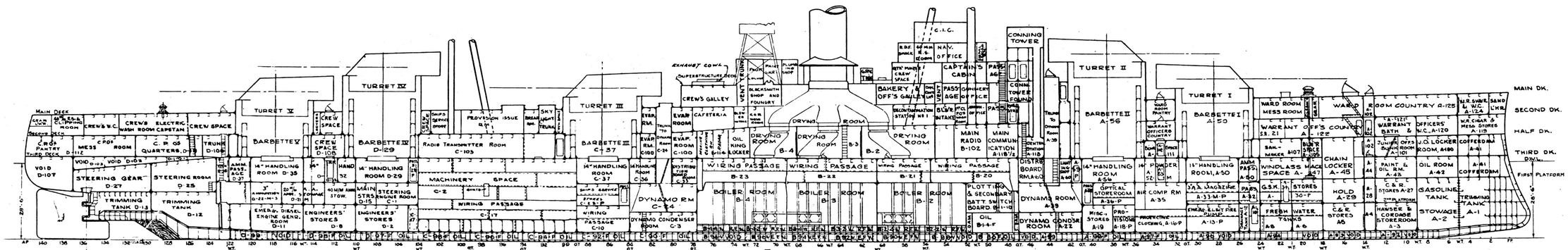
LENGTH OVERALL	573' - 0"
LENGTH BETWEEN PERPENDICULARS	566' - 0"
EXTENSION OF VESSEL BEYOND F.P.	8' - 0"
EXTENSION OF VESSEL BEYOND A.P.	0' - 0"
DRAFT NORMAL LOAD - D.W.L.	28' - 6"
BREADTH, EXTREME	106' - 0 3/8"
SCREWS CENTER FORWARD OF A.P. (6'-0" AFT OF FR. 140)	24' - 6"
RUDDER AXIS FORWARD OF A.P. (6'-0" AFT OF FR. 140)	23' - 0"
STRUTS MAIN CENTERLINE FORWARD OF A.P. (6'-0" AFT OF FR. 140)	28' - 11¼"
STRUTS INTERMEDIATE CENTERLINE FORWD OF A.P. (" " " ")	36' - 0"

HEIGHTS ABOVE D.W.L. (28'-6" ABOVE BASE LINE)

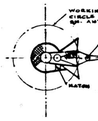
TOP OF FOREMAST TRUCKLIGHT	127' 2"
TOP OF SG RADAR ON FOREMAST	131' 7½"
℄ OF RANGELIGHT MAINMAST	87' 6"
-	-
F.C. RADAR ANTENNA FOREMAST	128' 10 3/4"
MAIN BATTERY DIRECTOR STA. ON FOREMAST	111' 10"
MAIN BATTERY CONTROL & SPOTTING STA. FOREMAST	108 3/4"
SECONDARY BATTERY TOP ON FOREMAST	100' 0 1/2"
FUTTOCK PLATFORM ON FOREMAST	88' 1 1/2"
SKY CONTROL ON MAINMAST	67' 7 11/16
RANGE FINDER PLATFORM ON FOREMAST	54' 11 1/16
FLAG PLOTTING STATION ON FOREMAST	65' 11 11/16
A.A. CONTROL PLATFORM	73' 5 11/16
DIRECTOR & SEARCHLT PLATFORM ON MAINMAST	43' 8 11/16
CHART HOUSE	53' 11 7/16
NAVIGATING BRIDGE	58' 6 5/8
SIGNAL BRIDGE HOUSE TOP	44' 10 3/8"
SIGNAL BRIDGE	37' 0"
SEARCH'T. PLATFORM ON FOREMAST	46' 2 3/4"
TOP OF MAINMAST TRUCK LT.	105' 0 3/4
TOP OF SG RADAR ON MAINMAST	108' 6"
TOP OF SK RADAR ON MAINMAST	102' 0 7/8"
20 M/M GUN PLATFORM ON MAINMAST	59' 7 1/2"
SURFACE LOOKOUT STATION ON MAINMAST	51' 8 7/16
RADAR PLATFORM ON MAINMAST	83' 3 1/4



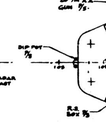
BB 35
OUTBOARD PROFILE
SCALE 1/2" = 1 FT



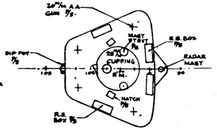
BB 35
INBOARD PROFILE
SCALE 1/16" = 1 FT.



RADAR PLATFORM
MAINMAST
83'-6 3/8" ABOVE D.W.L.



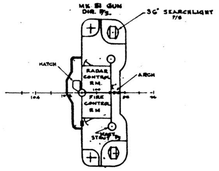
SKY CONTROL AFT
MAINMAST
67'-7 1/2" ABOVE D.W.L.



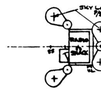
20 MM GUN PLATFORM
MAINMAST
59'-7 1/2" ABOVE D.W.L.

SURFACE LOOKOUT
MAINMAST
51'-8 7/16" ABOV. D.W.L.

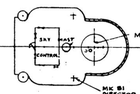
PLAN AT TOP OF CANOPY
FOREMAST TOP
124'-2" ABOVE D.W.L.



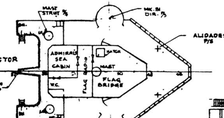
DIRECTOR & S.L. PLAT.
MAIN MAST
43'-8 7/16" ABV. D.W.L.



TOP OF FOWARD AIR
DEFENSE PLATFORM

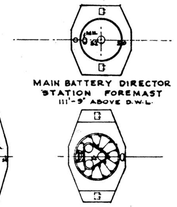


FOWARD AIR DEFENSE
PLATFORM



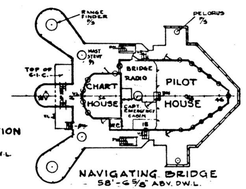
FLAG BRIDGE
66'-1 5/8" ABV. D.W.L.

SECONDARY
BATTERY TOP
FOREMAST
100'-0 1/2" ABOVE D.W.L.

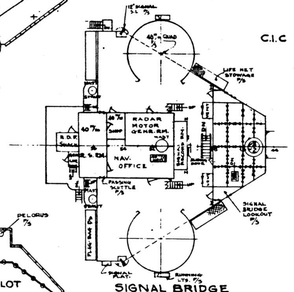


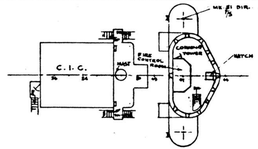
MAIN BATTERY DIRECTOR
STATION FOREMAST
111'-9" ABOVE D.W.L.

BATTLE
LOOKOUT STATION
FOREMAST.
108'-3 1/2" ABOVE D.W.L.

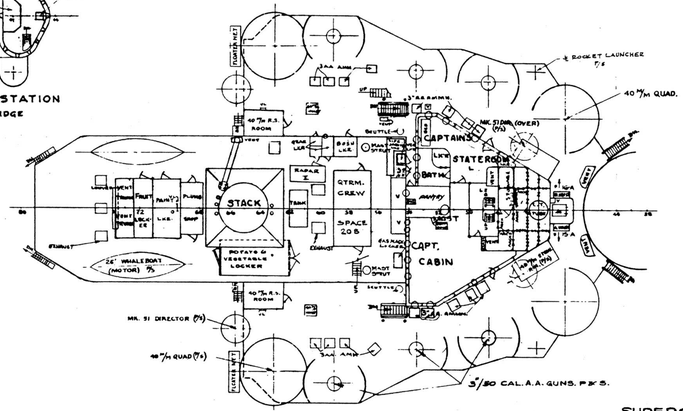


NAVIGATING BRIDGE
58'-6 5/8" ABV. D.W.L.



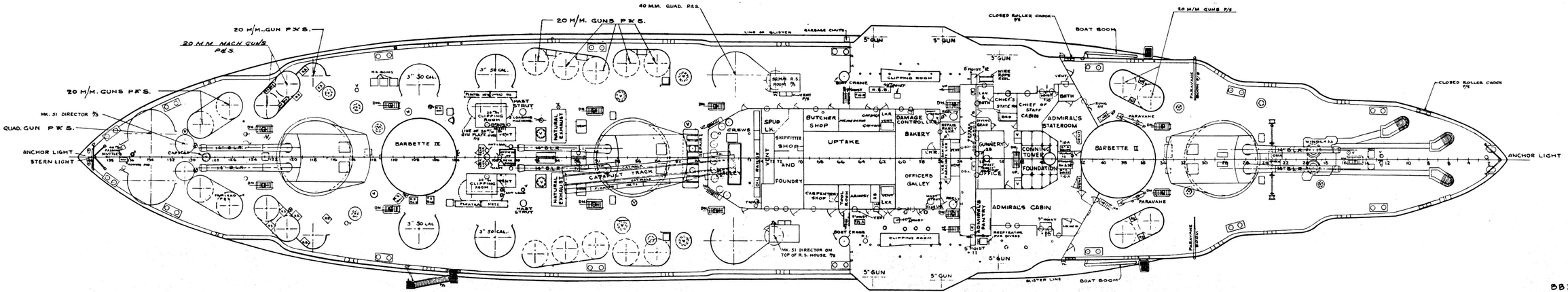


C.I.C & CONNING STATION
ABOVE SIGNAL BRIDGE



SUPERSTRUCTURE DECK

BB 35
SUPERSTRUCTURE DECK
BRIDGE DECK BRIDGES ETC.
SCALE 1/16" = 1 FT.



BB35
MAIN DECK
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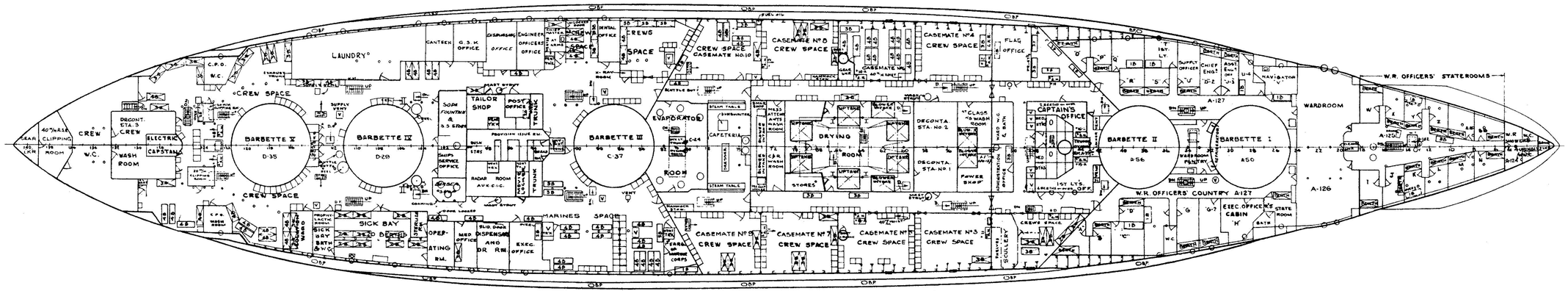
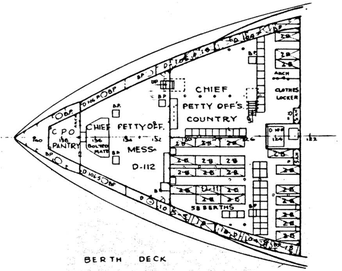
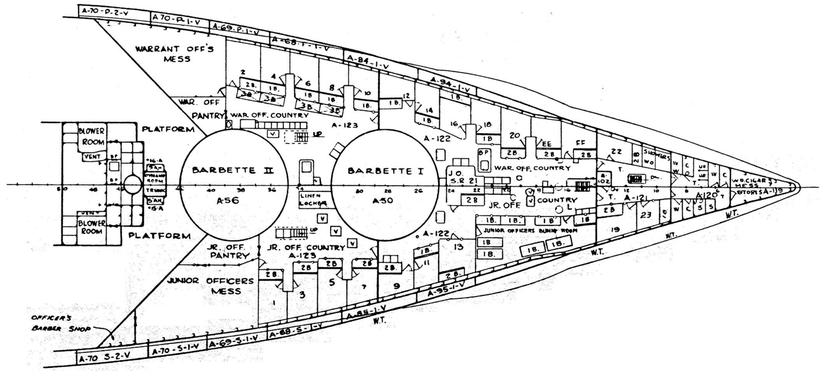


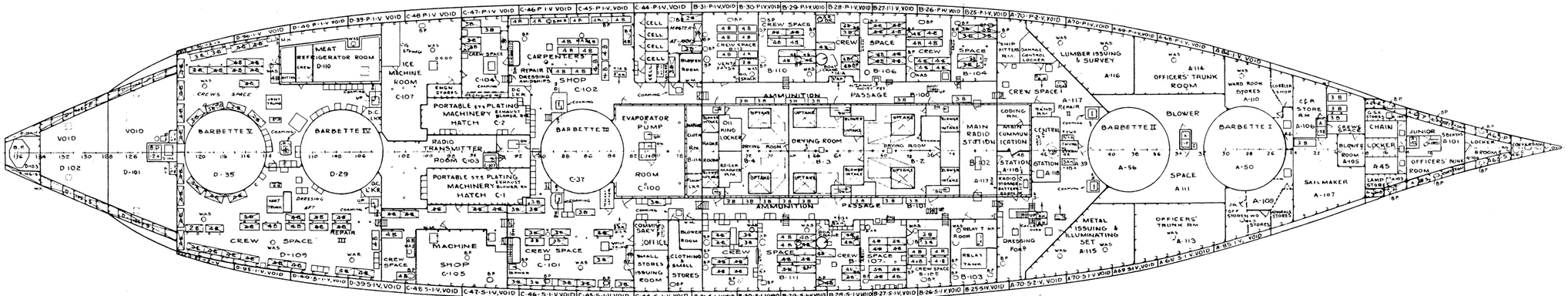
BB 35
2ND DECK
SCALE $\frac{1}{16}$" = 1 FT.



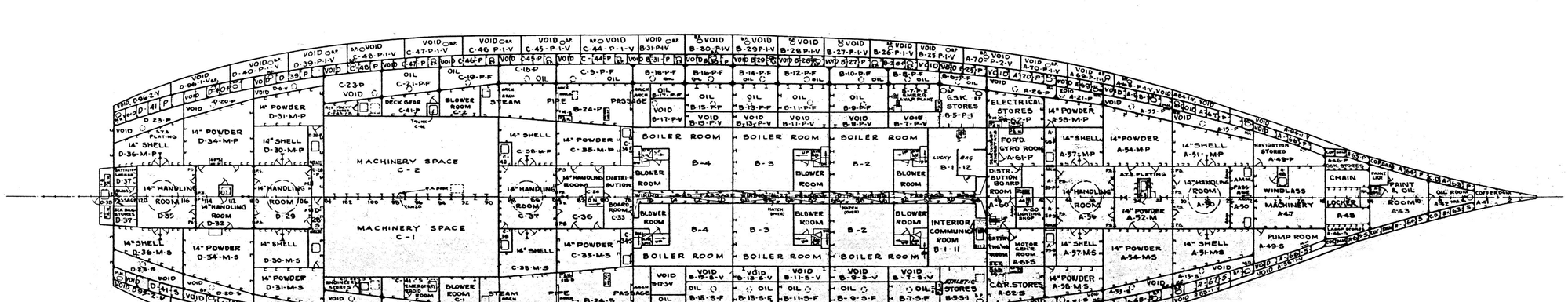
BERTH DECK



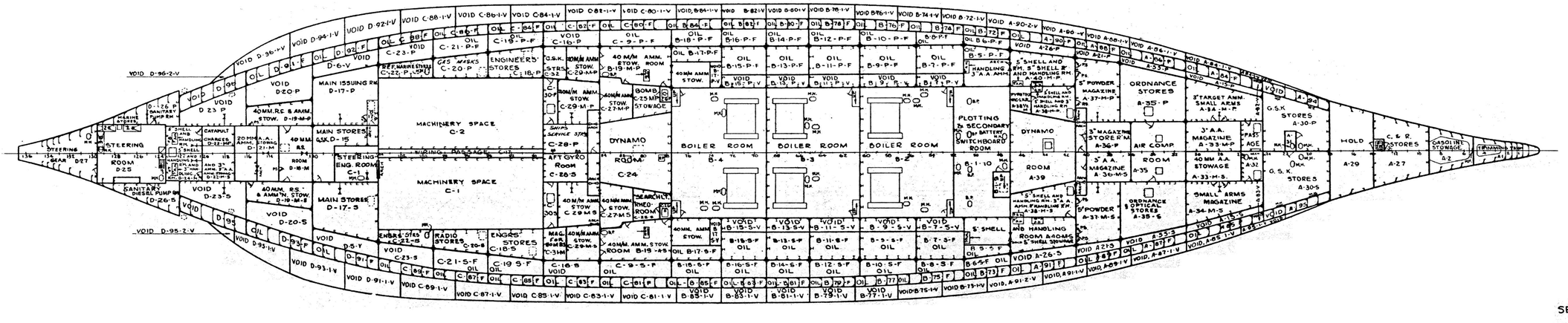
BB-35
HALF & BERTH DECKS
SCALE 1/16"=1FT.



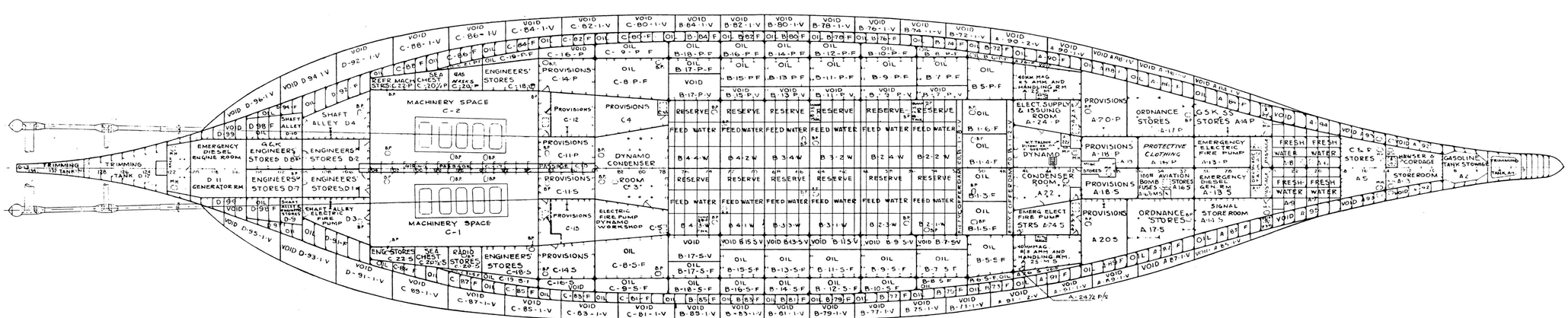
BB-35
THIRD DECK
SCALE 1/16" = 1FT.



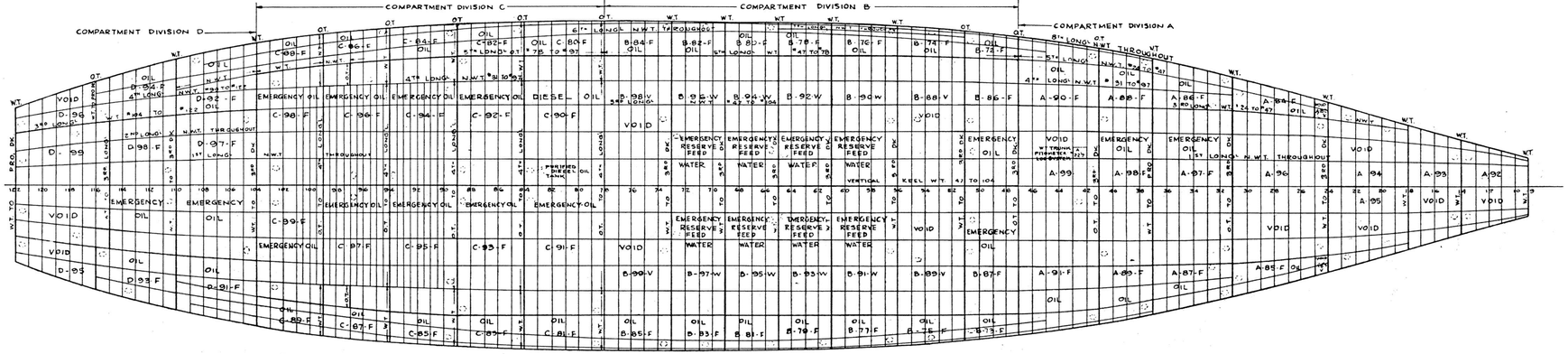
BB-35
FIRST PLATFORM
SCALE 1/16" = 1FT.



BB-35
SECOND PLATFORM
SCALE 1/16" = 1 FT.



BB-35
HOLD
SCALE 1/16" = 1 FT.



BB-35
INNER BOTTOM
SCALE 1/16" = 1 FT.