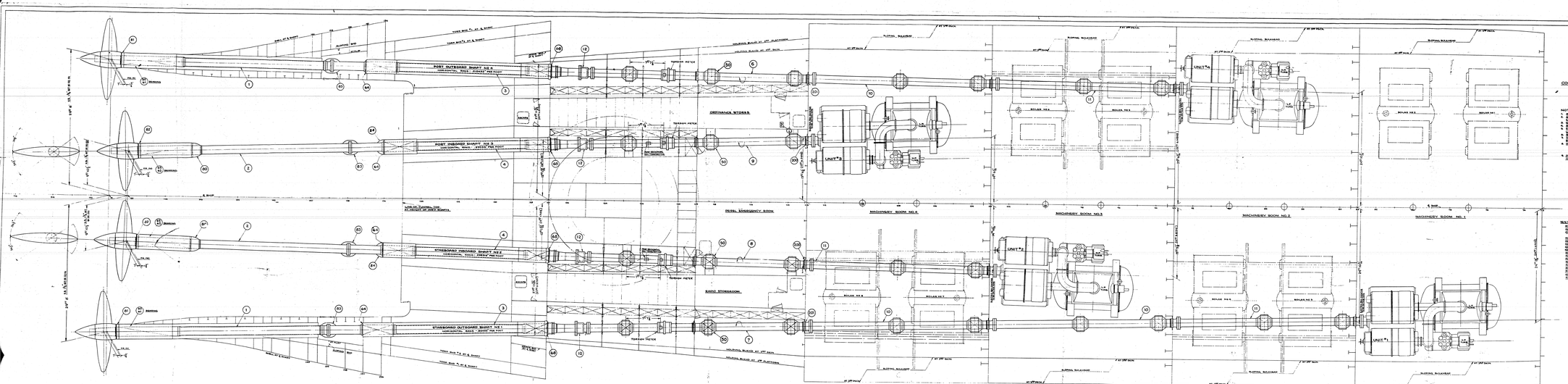

NOTES:

1. ALL DIMENSIONS, SUCH FROM BULKHEADS AND FROM BULKHEADS TO LINES, OTHERWISE STRUCTURAL, TO BE TAKEN ON AFT SURFACES, SUCH FROM BOTTOMS AND BOTTOMS TO LINES, OTHERWISE TO BE TAKEN ON SHAFT SURFACE.
2. ALL SHAFTING, STEEL, TO BE TAKEN ON AFT SIDE OF BULKHEADS.
3. ALL BEARING BOSSES, FOR LINE SHAFTS, TO BE TAKEN ON AFT SIDE OF BULKHEADS.
4. ALL BEARING BOSSES, FOR LINE SHAFTS, TO BE TAKEN ON AFT SIDE OF BULKHEADS.
5. THROUGH STERN TUBE BULKHEAD, INTER. STERN TUBE BULKHEAD, AND STERN BULKHEAD TO BE LINED WITH BRONZE.
6. ALL BOSSES, SHAFTING, BUSHES, BEARINGS, BUSHINGS, PINS, ETC. TO BE ARRANGED AS INDICATED, WITH SPACE AND FITTED AS SHOWN.
7. ALL SHAFTING, BUSHES, BEARINGS, BUSHINGS, PINS, ETC. TO BE ARRANGED AS INDICATED, WITH SPACE AND FITTED AS SHOWN.
8. REMAINING, SHALL BE FINISHED IN ACCORDANCE WITH NAVY DEP. SPEC. NO. 9-1-1-16.
9. ORIGINAL SHAFTING DIAMETER: PORT OUTBOARD SHAFT NO. 4 - DIA. 19.00 IN. - PORT INBOARD SHAFT NO. 3 - DIA. 19.00 IN.
   - " " - STARBOARD INBOARD SHAFT NO. 2 - DIA. 19.00 IN. - STARBOARD OUTBOARD SHAFT NO. 1 - DIA. 19.00 IN.
   - " " - STERN TUBES AND SHAFT TUBES.
10. DETAILS OF BUSHES, BEARINGS, BUSHINGS, PINS, ETC. TO BE TAKEN FROM BOTTOMMOST, OR SHAFTS, TO BE TAKEN ON SHAFTS, IF STERN TUBES AND SHAFT TUBES.

REFERENCE DRAWINGS

N.S.B. CO. DR. NO.	TITLE	BUREAU DR. NO.
RD-540-1	ARRANGEMENT OF SHAFTING (LONGITUDINAL)	0857-543-04
RD-541-1	DETAILS OF ARRANGEMENT	55
RD-541-2	DETAILS OF ARRANGEMENT SHAFT AND INST. STERN TUBE, SHAFT, HANGER	56
RD-541-3	DETAILS OF ARRANGEMENT	57
RD-541-4	DETAILS OF ARRANGEMENT	58
RD-541-5	DETAILS OF OUTER STERN TUBE BEARINGS	59
RD-541-6	DETAILS OF STERN TUBE BEARINGS, SHAFTING	60
RD-541-7	OIL PIPE SYSTEM, PROPELLER TUBE, TUBE BEARINGS	61
RD-541-8	DETAILS OF SHAFT FOR PORT INBOARD, PROPELLER	62
RD-541-9	DETAILS OF SHAFT FOR PORT OUTBOARD, PROPELLER	63
RD-541-10	DETAILS OF OUTER STERN TUBE, SHAFTING	64
RD-541-11	DETAILS OF STERN TUBE, SHAFTING, PROPELLER, STERN TUBE, SHAFTING	65
RD-541-12	DETAILS OF STERN TUBE, SHAFTING	66
RD-541-13	DETAILS OF STERN TUBE, SHAFTING, RETAINING COUPLINGS	67
RD-541-14	BUSH, STERN TUBE AND SHAFTING	68
RD-541-15	BUSH, STERN TUBE AND SHAFTING	69
RD-541-16	THROUGH BULKHEAD, SHAFT, STERN TUBE	70
RD-541-17	THROUGH SHAFT, BULKHEAD, CASTING, AND BUSHING PARTS	71
RD-541-18	DETAILS OF SHAFTING, BUSHES, AND PIN TO BRING THREE SEC TRANSMITTER	72
RD-541-19	ARRANGEMENT OF SHAFT AND CASING	73

Estimate No. A2-18-dec Date 7/29/42
URGENT WORK SPECIAL CLASS
Trade 88-87
B.O. 711-427-44
Plate No. 0857-543-04

No.	Date	Notes
01	3	See 6 & folder
02	3	
03	3	
04	3	
05	4	
06	4	
07	4	
08	4	
09	4	
10	4	
323	1	

NO.	PART	DESCRIPTION	APPROVED	DATE	AUTHORITY
		ALTERATION			

BB57 USS SOUTH DAKOTA
BB59 USS MASSACHUSETTS

ARRANGEMENT OF SHAFTING (PLAN AND SECTIONS)

SCALE 1/4 INCHES = 1 FOOT DATE 21 APRIL 1942

NEW YORK SHIPBUILDING CORP.
CAMDEN, N.J. U.S.A.

DRAWN BY J.H.D.
TRACED BY J.S.
CHECKED BY J.H.D.
CHIEF DRAFTSMAN J.H.
APPROVED J.H.D./W.L.S.

APPROVED Scofield
ASST. SUPERINTENDENT OF SHIPBUILDING - N.S.B.
APPROVAL LETTER
BUSHIPS LT. SERVICE 9/24/43 & 9/23/44 JR

CONTRACTOR'S FILE NO.	BUREAU OF SHIPS FILE NUMBER			
421-540-2	INDEX	GROUP	FILE NO.	
	BB57	S43	04-ALT-O	

COMPARED WITH ORIGINAL