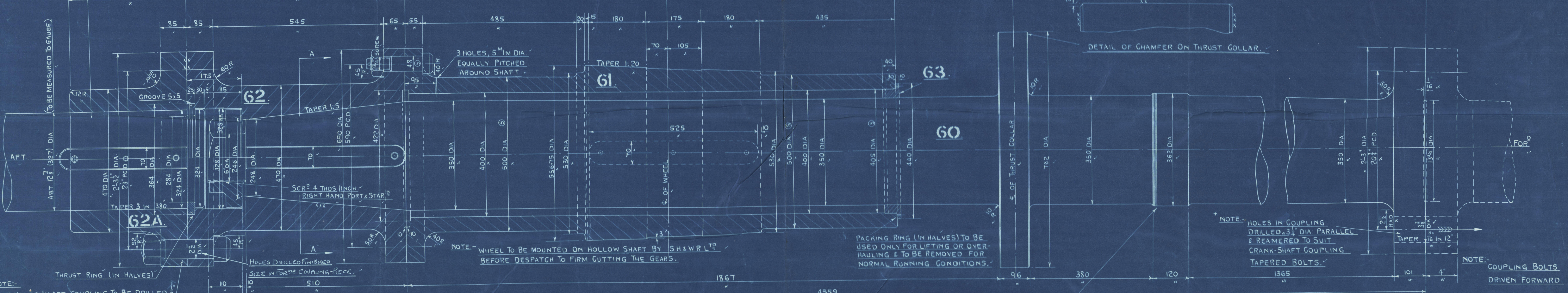
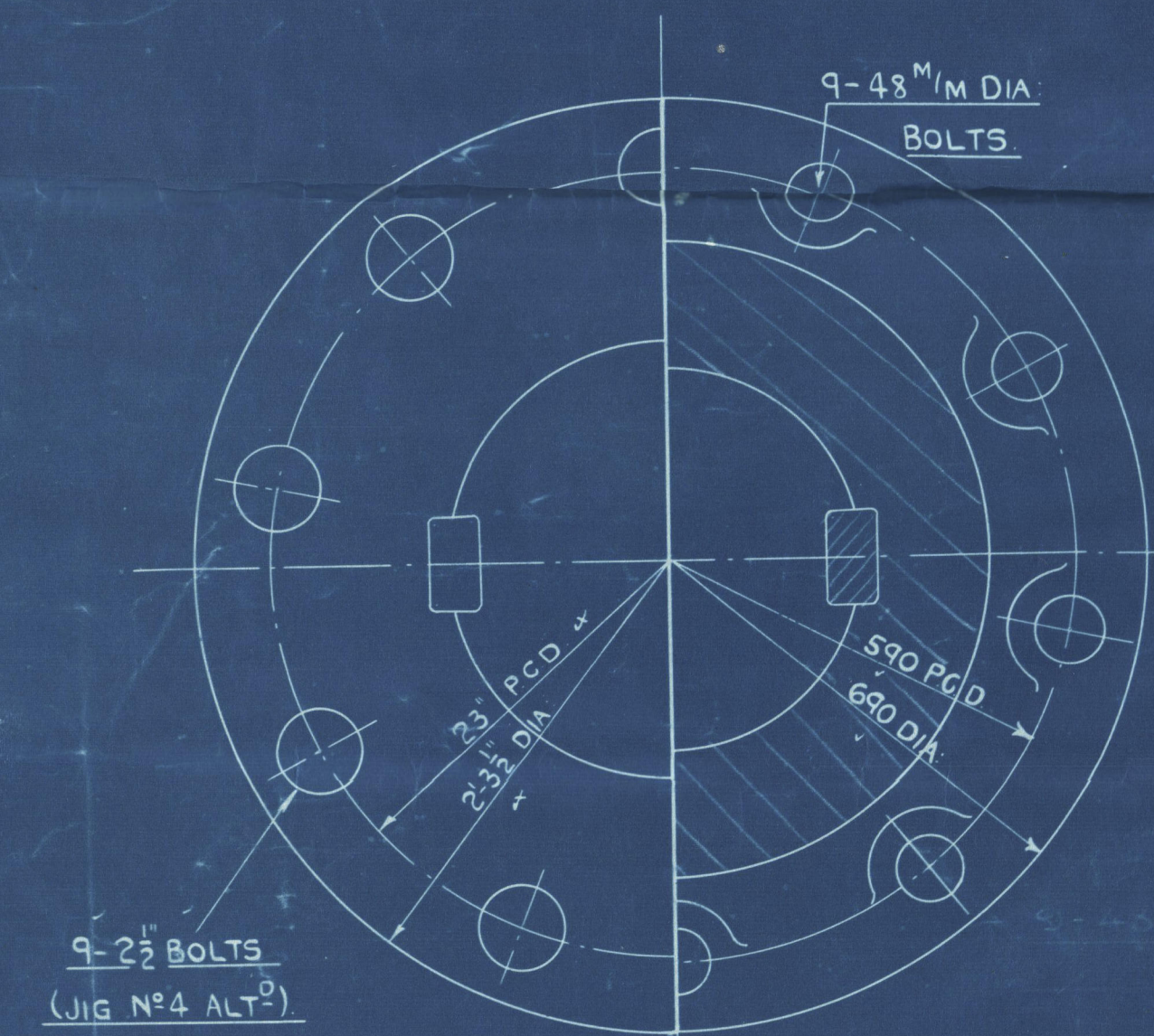


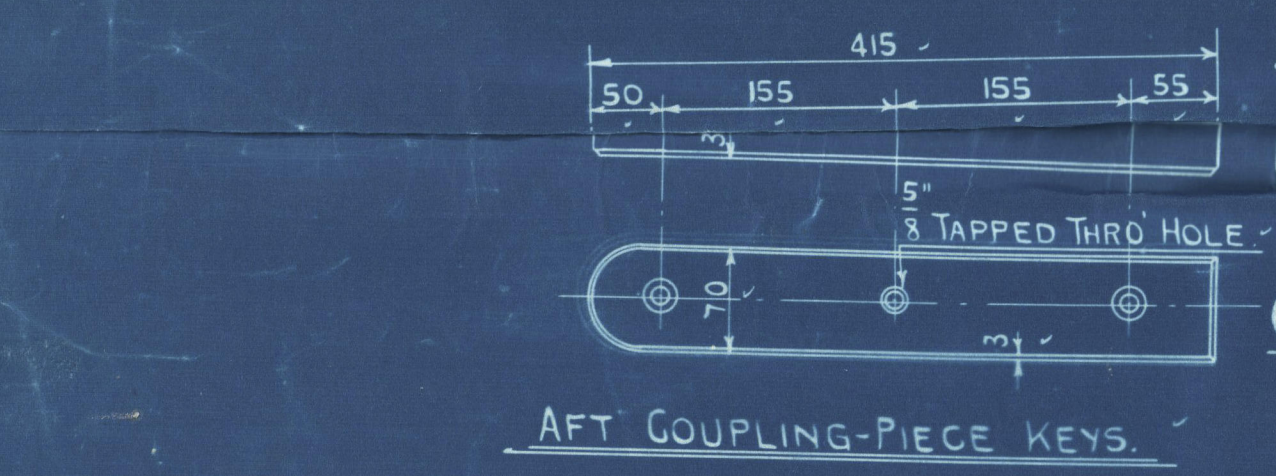
NOTE:- EXISTING SHAFT CUT & MACHINED AS SHOWN TO TAKE AFT COUPLING-PIECE (FOR PARTICULARS SEE SPECIAL SKETCH FOR EACH N°)



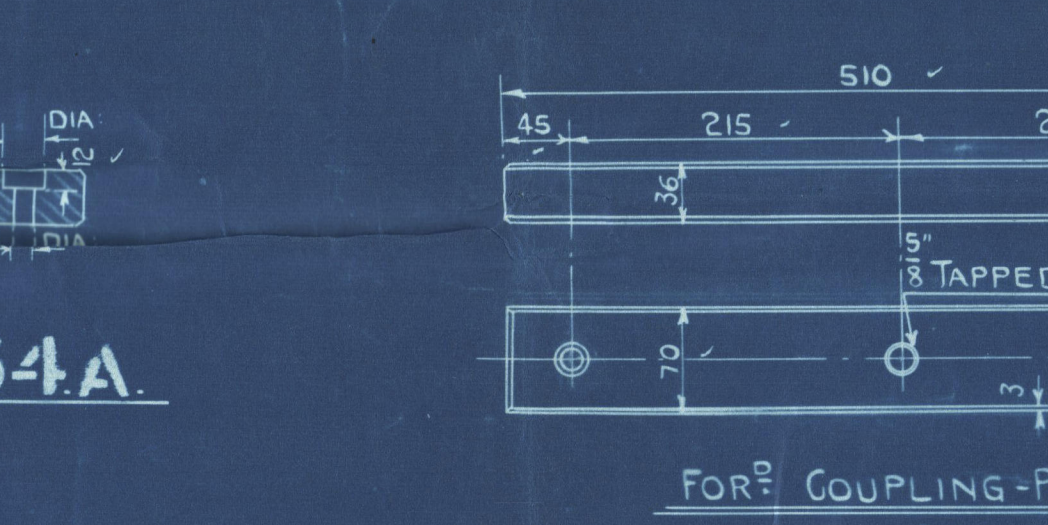
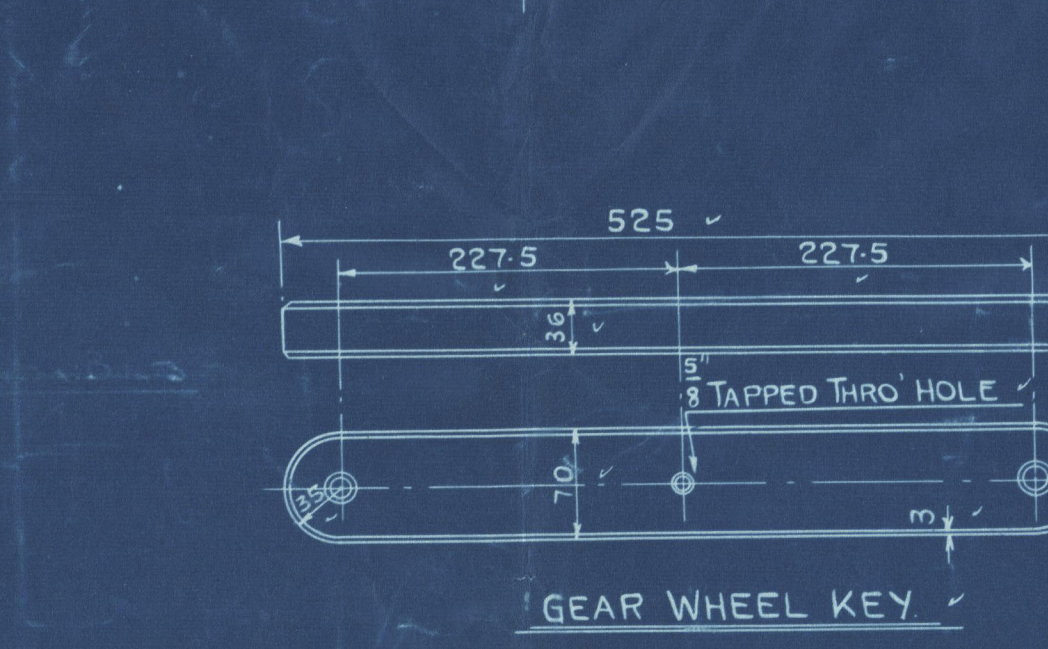
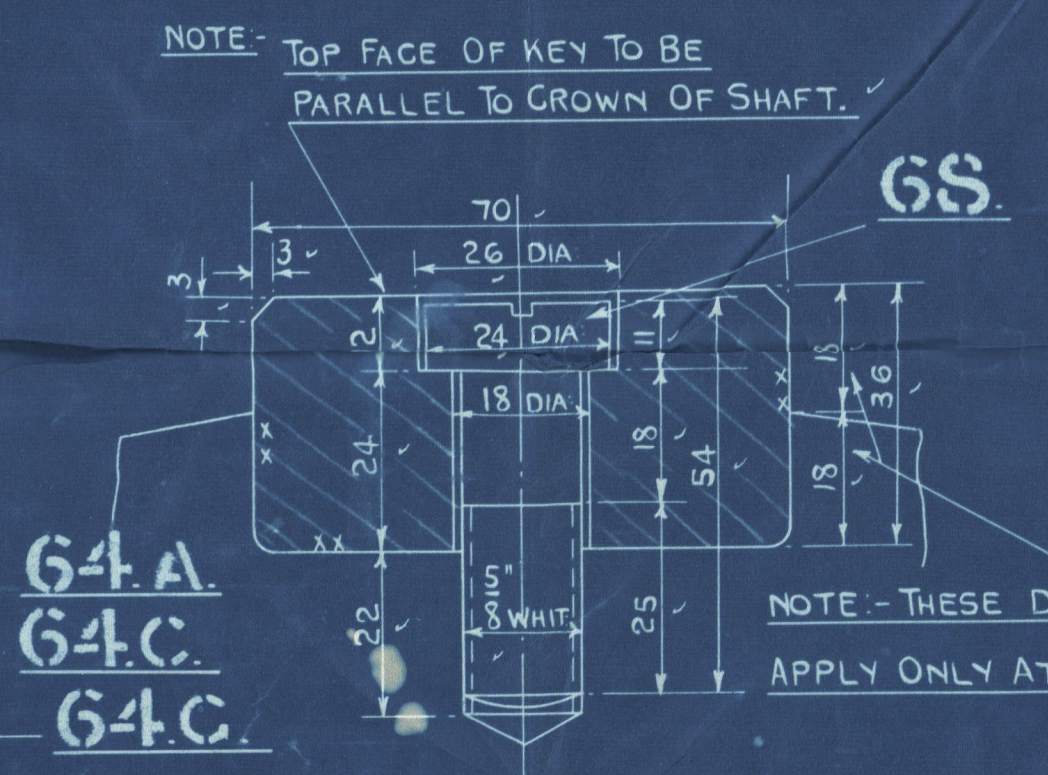
NOTE:- BOLT HOLES IN AFT COUPLING TO BE DRILLED 3/8" SMALLER THAN FINISHED SIZE & REAMERED OUT WITH FOR<sup>2</sup> COUPLING ON THRUST SHAFT.



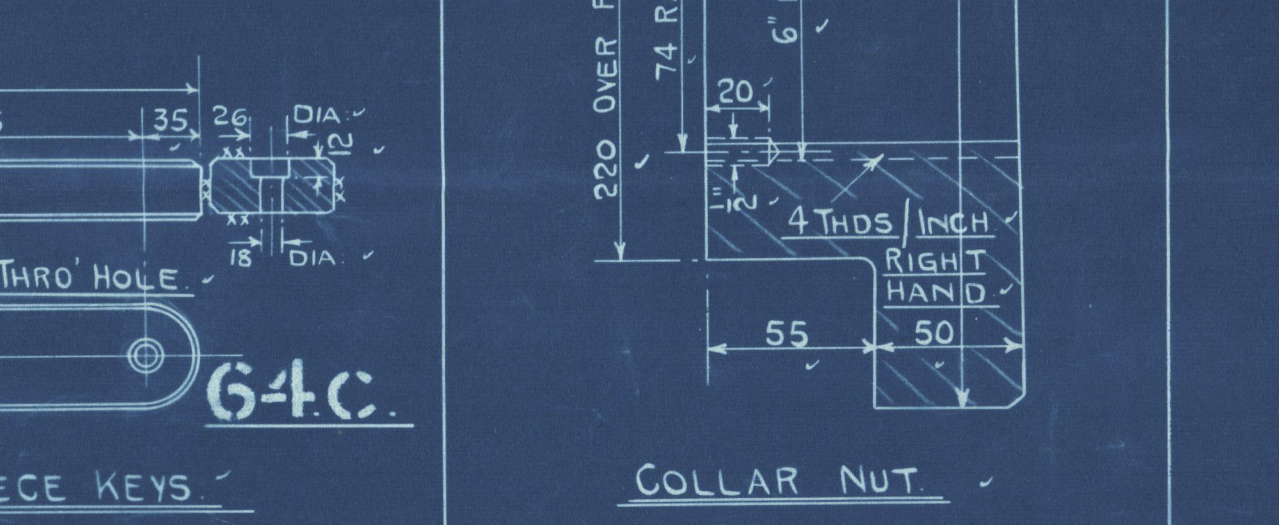
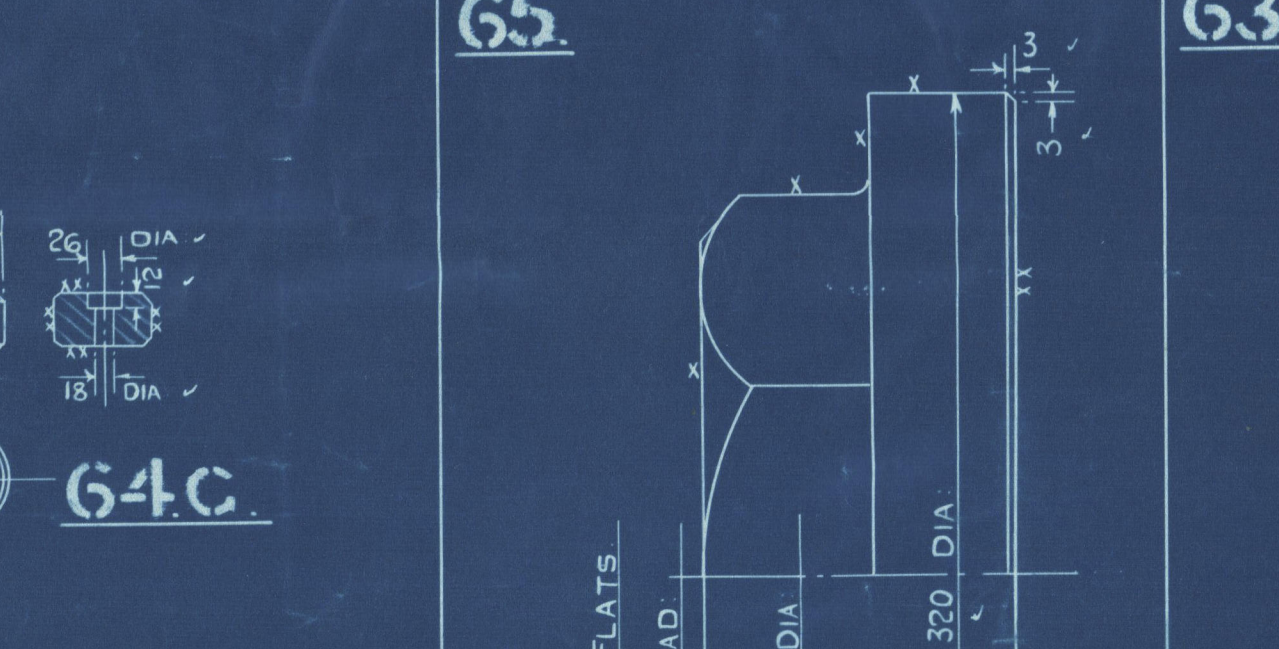
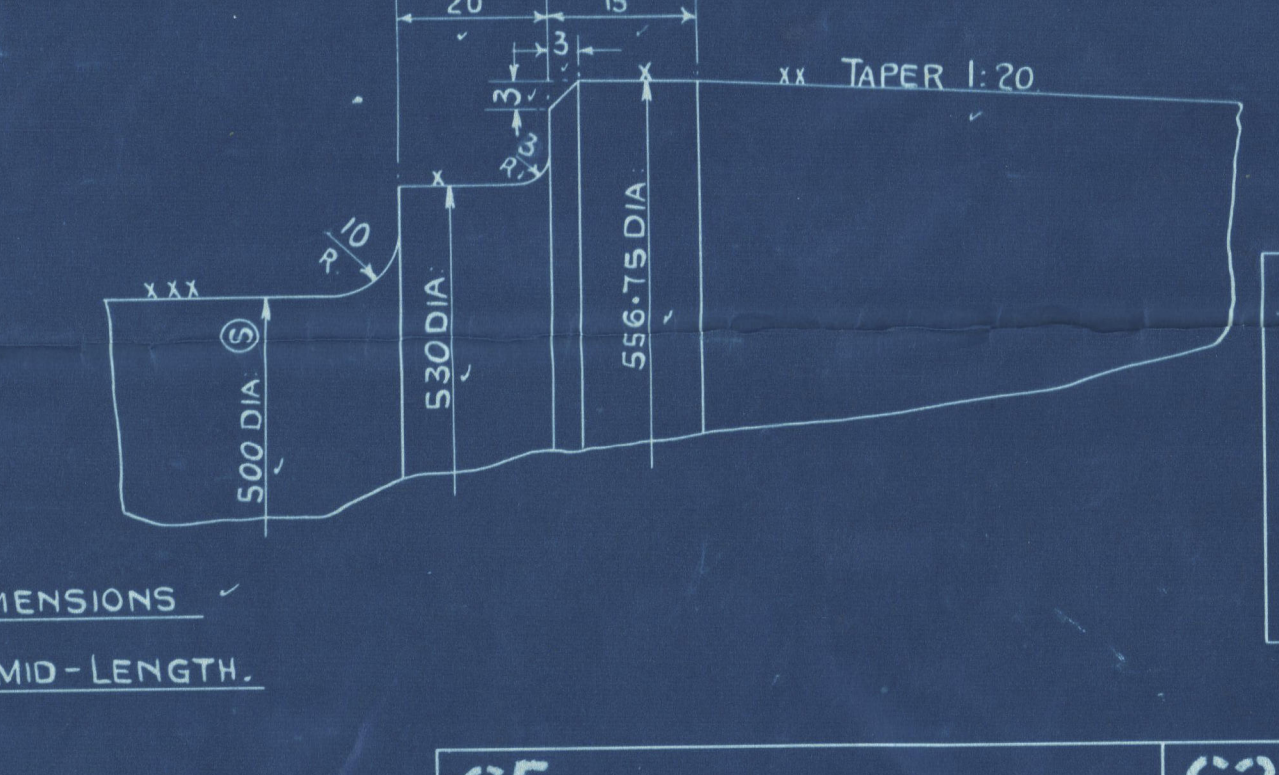
LOOKING AFT ON AFT COUPLING



AFT COUPLING-PIECE KEYS

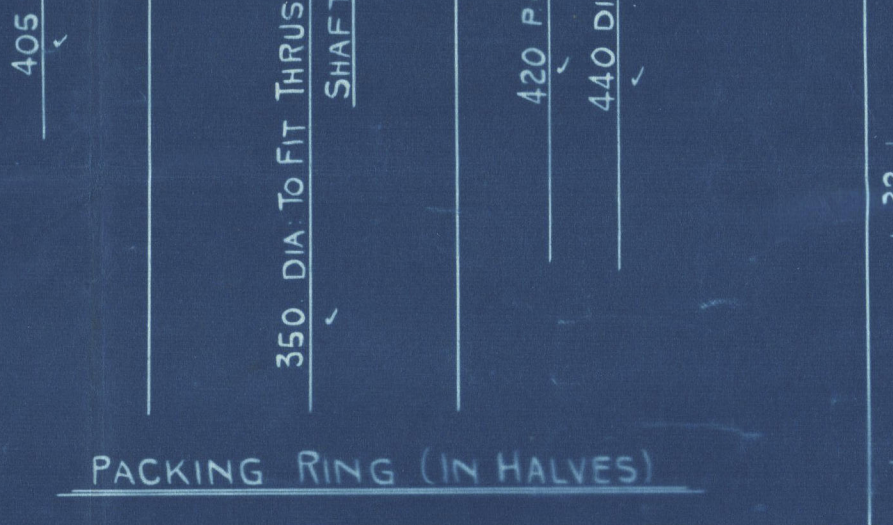
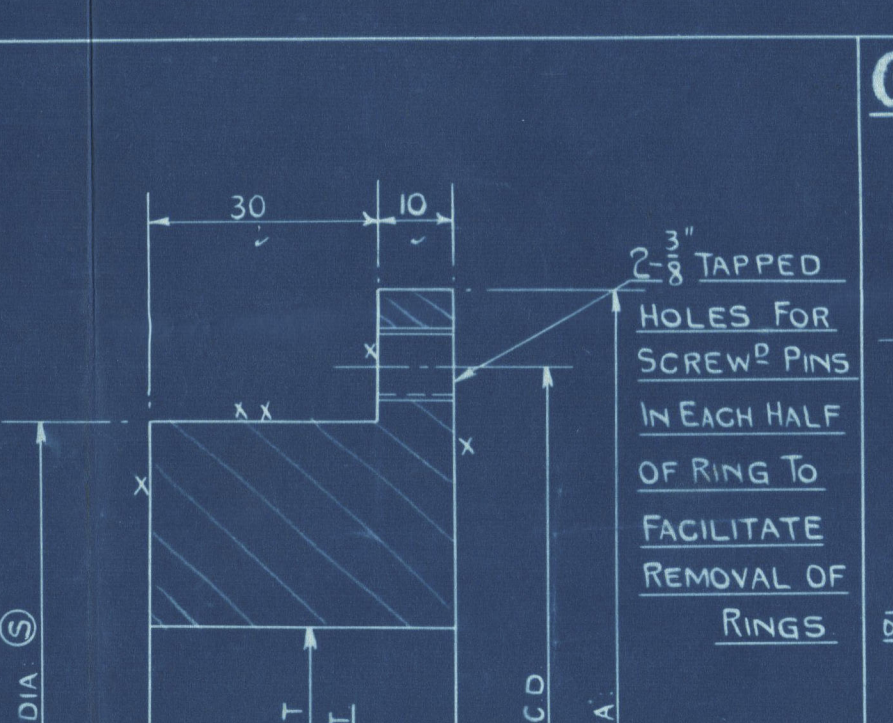


FOR<sup>2</sup> COUPLING-PIECE KEYS

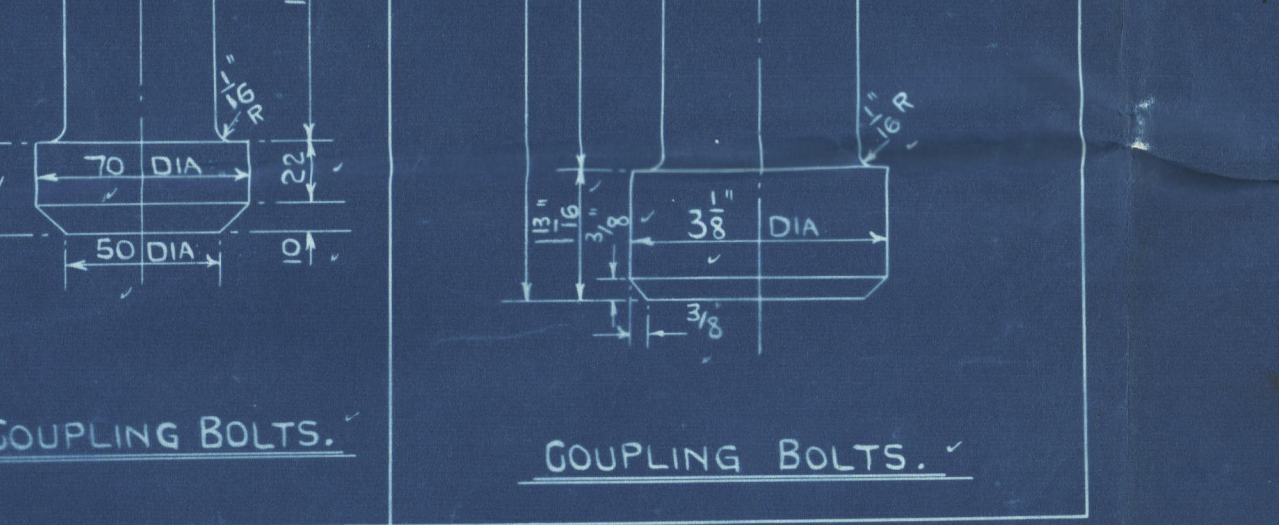
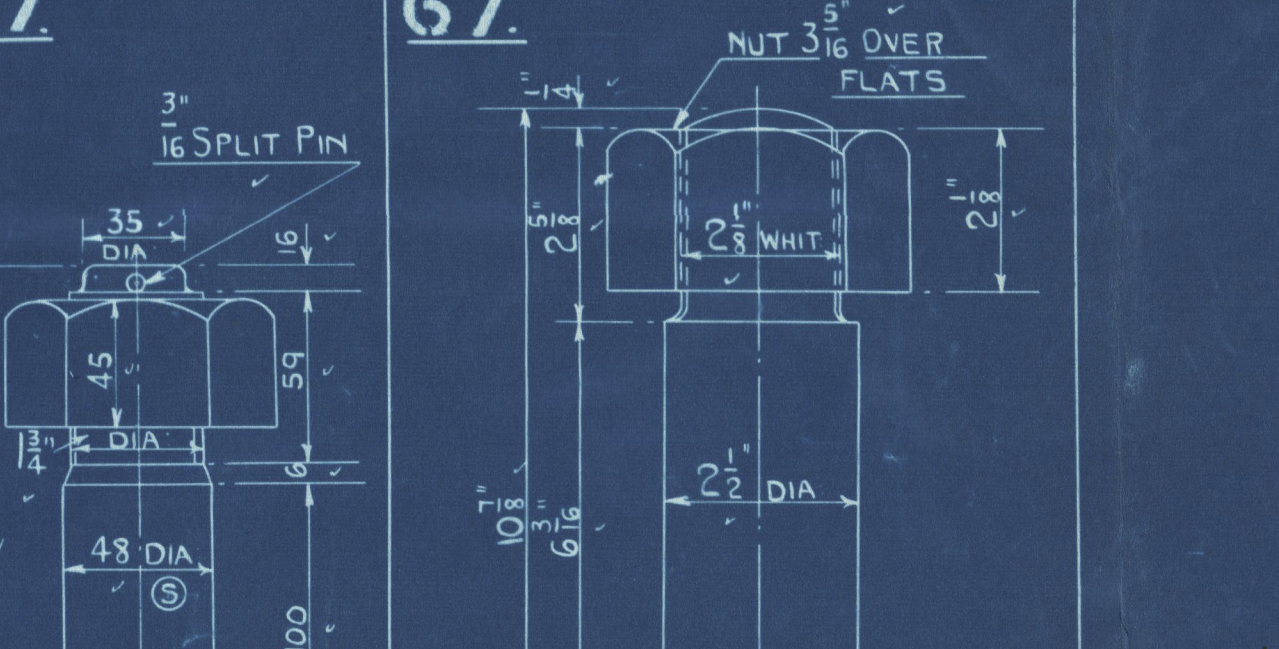
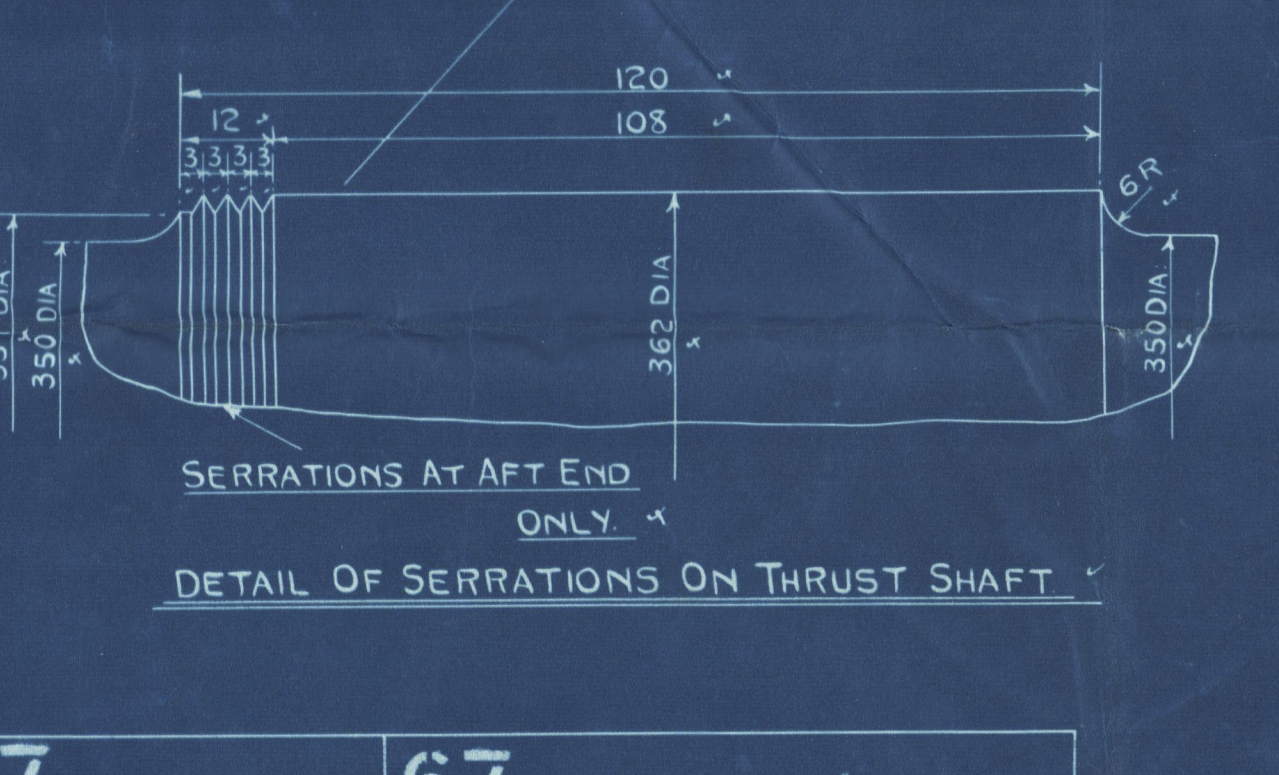


PACKING RING (IN HALVES)

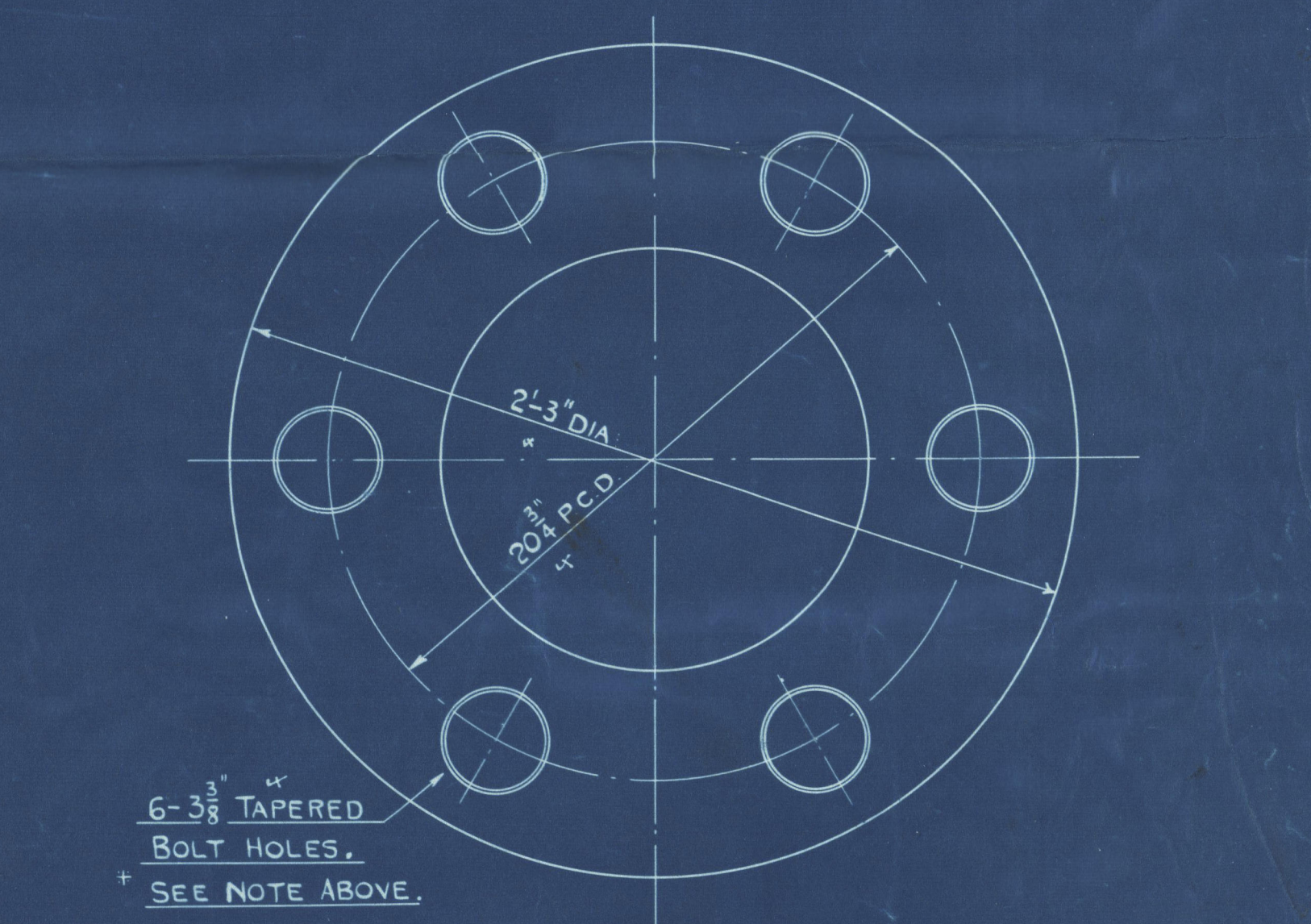
REFERENCE MARKS RELATING TO MACHINED SURFACES:  
X = ROUGH MACHINED TO DIMENSION  
XX = ACCURATELY MACHINED TO DIMENSION  
XXX = SPECIAL SMOOTH SURFACE TO BE GROUND OR SCAP<sup>2</sup>  
S = SLIDING FIT, VIZ.: SPIGOTS, ETC.  
F = FIT TIGHT



COUPLING BOLTS



COUPLING BOLTS



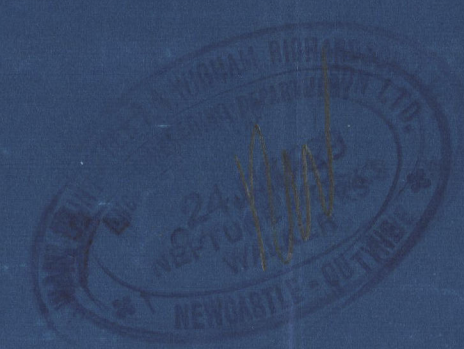
LOOKING AFT ON FOR<sup>2</sup> COUPLING

MAKE FROM THIS DRAWING FOR EACH N°

GROUP N°	DESCRIPTION	MAT <sup>2</sup>	REMARKS	N° REQ <sup>2</sup>	PORT	STAR	SPARE
BW 60	THRUST SHAFT	SM ST	ORD OUTSIDE	1	1	-	-
61	GEAR WHEEL	SM ST	ORD OUTSIDE	1	1	-	-
62	FOR <sup>2</sup> COUPLING PIECE	SM ST	ORD OUTSIDE	1	1	-	-
62A	AFT	SM ST	ORD OUTSIDE	1	1	-	-
63	PACKING RING (IN HALVES)	M ST	STOCK PLATE	1	1	-	-
63A	THRUST (FOR AFT COUPLING)	M ST	STOCK PLATE	1	1	-	-
64A	KEYS FOR AFT COUPLING-PIECE	M ST	STOCK	2	2	-	-
64B	" " FOR <sup>2</sup>	M ST	STOCK	2	2	-	-
64C	" " GEAR WHEEL	M ST	STOCK	1	1	-	-
65	COLLAR NUT	M ST	STOCK	1	1	-	-
67	COUPLING BOLTS & NUTS (48 M)	ST	STOCK	9	9	1	-
67	" " (2 1/2")	ST	STOCK	9	9	1	-
68	CHEESE HEADED SCREWS	ST	STOCK (USE COUPLING-PIECE)	4	4	-	-
68	" " " "	ST	STOCK (GEAR WHEEL)	2	2	-	-
68	" " " "	ST	STOCK (AFT COUPLING-PIECE)	4	4	-	-
68	SCREWED PINS (1/2 DIA)	ST	STOCK	1	1	-	-
69	SPANNER FOR THRUST SHAFT NUT W/	SEE SKETCH (S F)		1	1	-	-

2688  
SWAN, HUNTER, & WICHAM RICHARDSON LTD  
ENGINEERING DEPARTMENT  
NEPTUNE WORKS.  
NEWCASTLE-ON-TYNE.  
DATE

A.K.  
M.M.  
24/9/28



N°	DATE
24/9/28	24/9/28
24/9/28	24/9/28
24/9/28	24/9/28
24/9/28	24/9/28

T. S. S. "PORT WELLINGTON" 1314

THRUST SHAFT, WHEEL SHAFT & COUPLING PIECE  
SCALES:- 1:1, 1:5 & 1:25



Isaac Hunter

English. Richardson

Eng V<sup>2</sup> 1314

S.S. S. Port-Wellington

Shaping dia

replicate of  
approved plan

S.S. "Port Wellington"  
NEWCASTLE ON TYNE.

Report No. 86294.

W72-0029



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