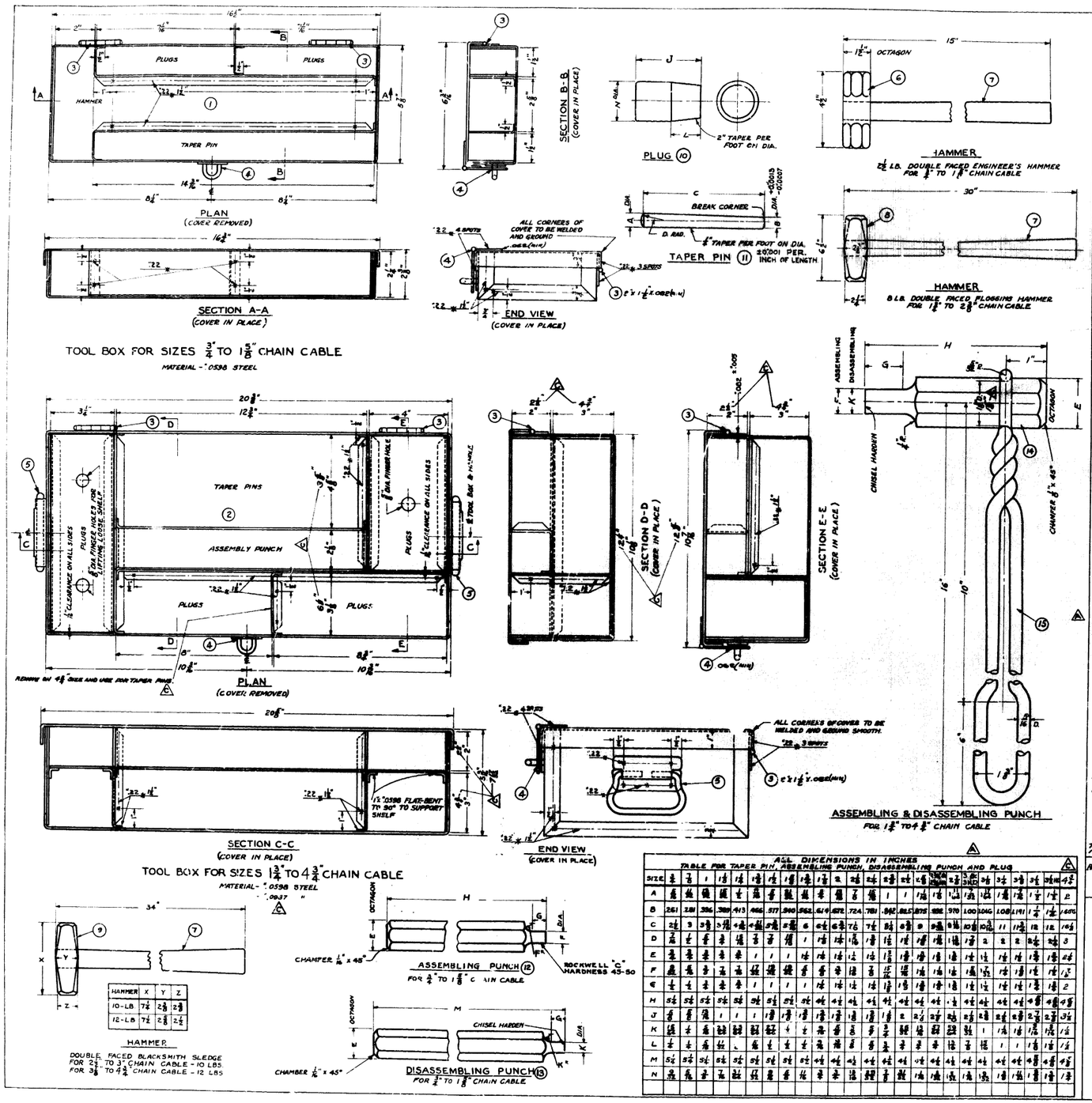

REVISIONS

REV.	DESCRIPTION	DATE	DRAWN BY INITIALS	APPROD.
A	REVISED WELDING SYMBOLS, ADDED GEN. NOTES 6 TO 10 INCL. REVISED NOTES 1, 4 & 5, ADDED DIMENSIONS TO SIZES 2½, 2⅞ & 3½ IN TABLE.	5/12/44	GAS 5-11-44	
B	REVISED SPECS IN SCHEDULE OF MATERIAL	" 5/26	FJB	
C	GENERAL REVISION & 4¾" SIZE ADDED. NOTES 11 & 12.	7/6/44	JBT	
D	GENERAL REVISION ON MATERIAL. NOTE 13	11/16/44	JBT	

SCHEDULE OF MATERIAL

QUANTITY PER UNIT BOX & TOOLS

PC. NO.	NAME	NO. REQ'D	SPEC.	MATERIAL	DIE	REMARKS
1	TOOL BOX	1	COMM'L	HIP STEEL		FOR ¾" TO 1⅝" CHAIN
2	TOOL BOX	1	"	"		FOR 1¾" TO 4¾" CHAIN
3	HINGE	2	"	STEEL		2x18
4	HASP & HINGE	1	"	"		
5	BOX HANDLES	2	"	"		4" FOR PC. "2" ONLY
6	ENGINEERS HAMMER	1	AS 7-ABC-A	TOOL STEEL		CLASS W1-08 SAE 1095 Grade Carbon
7	HANDLE	1	COMM'L	HICKORY		
8	FLOGGING HAMMER	1	AS 7-ABC-A	TOOL STEEL		CLASS W1-08 SAE 1095 2-3% CARBON SAE 1095 0.85 CARBON
9	BLACKSMITH SLEDGE	1	"	"		" "
10	PLUG	AS REQ'D		80% LEAD		8% ANTIMONY 12% TIN
11	TAPER PIN	AS REQ'D	.063-.0598	CRES.		CLASS 416 (27 ROCKWELL C) MIN.
12	ASSEMBLING PUNCH	1	AS 7-ABC-A	TOOL STEEL		W1-08 (RF-19 ROCKWELL C)
13	DISASSEMBLING PUNCH	1	"	"	SEE NOTES	" "
14	ASSEMBLING & DISASSEMBLING PUNCH	1	"	"		" "
15	HANDLE	1	COMM'L	STEEL		
16	HAIRPIN	10	AS 9-T-2	CRES.		CL 304 SEE NOTE #13

GENERAL NOTES

1. TOOL BOX SHALL BE PAINTED A SUITABLE PRIMER & TOPCOATS OF GOOD COMMERCIAL GRAY ENAMEL.
2. BLUE PRINT OF GENERAL INSTRUCTIONS FOR ASSEMBLING AND DISASSEMBLING DETACHABLE LINKS SEE BU. NO. 771125. BLUE PRINT TO BE PASTED ON INSIDE OF EACH BOX AND SHELLACKED OVER.
3. THE TOOL BOXES FOR 1⅝" CHAIN AND OVER ARE NOT INTENDED TO TAKE THE HAMMER BECAUSE OF THE EXCESSIVE LENGTH OF THE HANDLES.
4. TOOL BOX TO BE WELDED IN ACCORDANCE WITH MIL-STD-278 (SHIPS) GENERAL SPECIFICATION FOR SHIPS OF THE U.S. NAVY.

   WELDING SYMBOLS SHOWN HEREON ARE THOSE SPECIFIED IN JAN-STD-19.
5. ALL PUNCHES FOR SIZES 1⅝" AND BELOW MAY BE MACHINED FROM COLLED BAR; ALL PUNCHES FOR SIZES ABOVE 1⅝" SHALL BE FORGED.
6. ALTERNATE MATERIAL IN ACCORDANCE WITH FEDERAL SPEC. GGG-H-86D FOR TYPE I ENGINEER'S CLASS I STYLE 8 DOUBLE-FACE HAMMER, IS ACCEPTABLE SUBSTITUTION.
7. ALTERNATE MATERIAL IN ACCORDANCE WITH FEDERAL SPEC. GGG-H-86B FOR TYPE III STRIKING (DRILLING) CLASS II STYLE 3 SMOOTH PATTERN HAMMER IS ACCEPTABLE SUBSTITUTION.
8. THESE TOOLS ARE INTENDED FOR ASSEMBLY AND DISASSEMBLY OF DETACHABLE LINKS IN ACCORDANCE WITH BUREAU OF SHIPS DWGS 52603-860062 AND 52603-921790
9. THE TAPER PINS, PLUGS AND PUNCHES SHOWN HEREON ARE SUITABLE FOR BOSTON NAVSHIPYD DESIGN DETACHABLE LINKS ONLY. THESE PIECES FOR BALDT TYPE DETACHABLE LINKS ARE SHOWN ON BUREAU OF SHIPS DWG. NO. 52603-944866.
10. THE TOOL BOXES AND HAMMERS SHOWN HEREON ARE SUITABLE FOR BOTH BALDT AND BOSTON NAVSHIPYD TYPE DETACHABLE LINKS.
11. UNLESS SPECIFIED OTHERWISE DIMENSIONS ARE IN INCHES. TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED, TO BE IN ACCORDANCE WITH GOOD COMMERCIAL PRACTICE.
12. THIS DRAWING IS FOR GUIDANCE. DEVIATIONS ARE PERMITTED IF IN APPEARANCE, FUNCTION, AND STRENGTH ARE NOT IMPAIRED.
13. THE SIZE OF HAIRPIN SHALL BE CHOSEN AND WITH DIMENSION NO ON BUREAU OF SHIPS DWG. NO 52603-921770 OR DWG NO 52603-860062.

THIS DWG DERIVED FROM AND SUPERSEDES BUREAU DWG. NO. 52603 (BOSTON) 1/16/45 (NCD BOSTON) / BUREAU NOS. 52603-921777 & 52603-921778.

BOSTON NAVAL SHIPYARD

DRAWN BY C. MOORE - E.J.H.
EXAMINED BY [signature] 7/13/45
COGNIZANT TECH. SECT. [signature] HEAD ENGINEER
IN CHARGE OF WORK [signature] DATE 16 AUG. 1945

HULL TYPE DRAWING
TOOL BOXES AND TOOLS
(STEEL BOX)
FOR ASSEMBLING AND DISASSEMBLING DETACHABLE LINKS

SHEETS SCALE 6" = 1 FOOT SHEET

NAVY DEPARTMENT
BUREAU OF SHIPS
WASHINGTON, D. C.

24 August 1945
[signature]
FOR CHIEF OF BUREAU

BU.No. 52603-840327

4171

840327