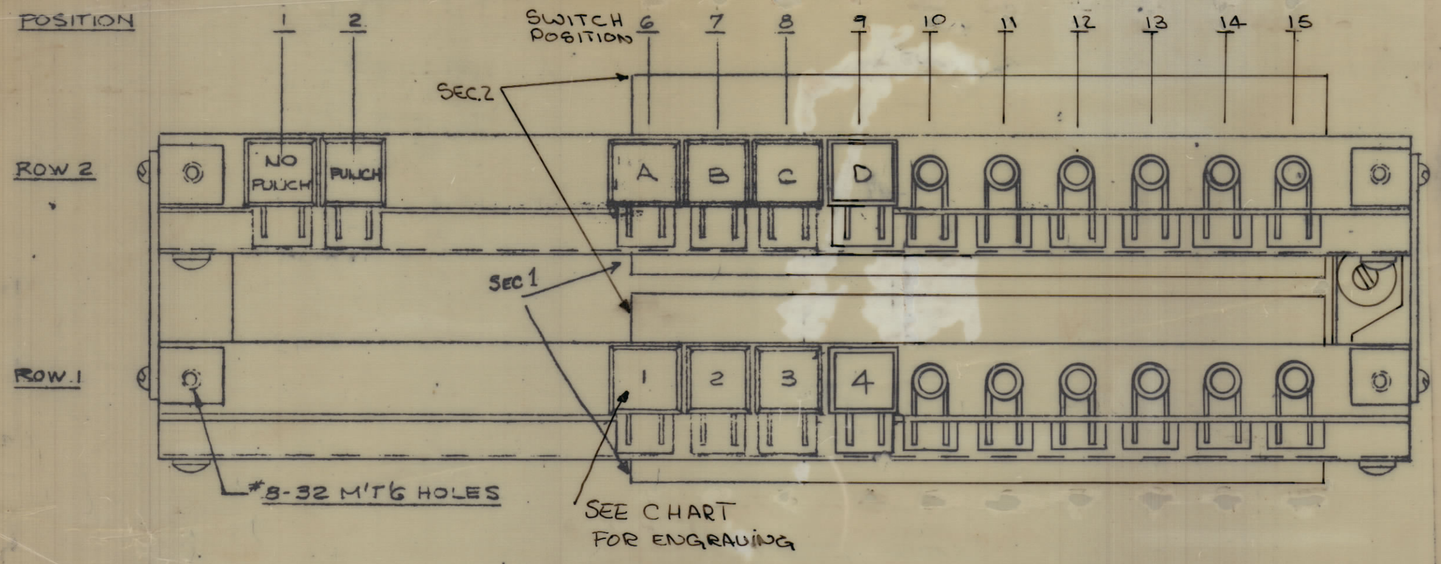
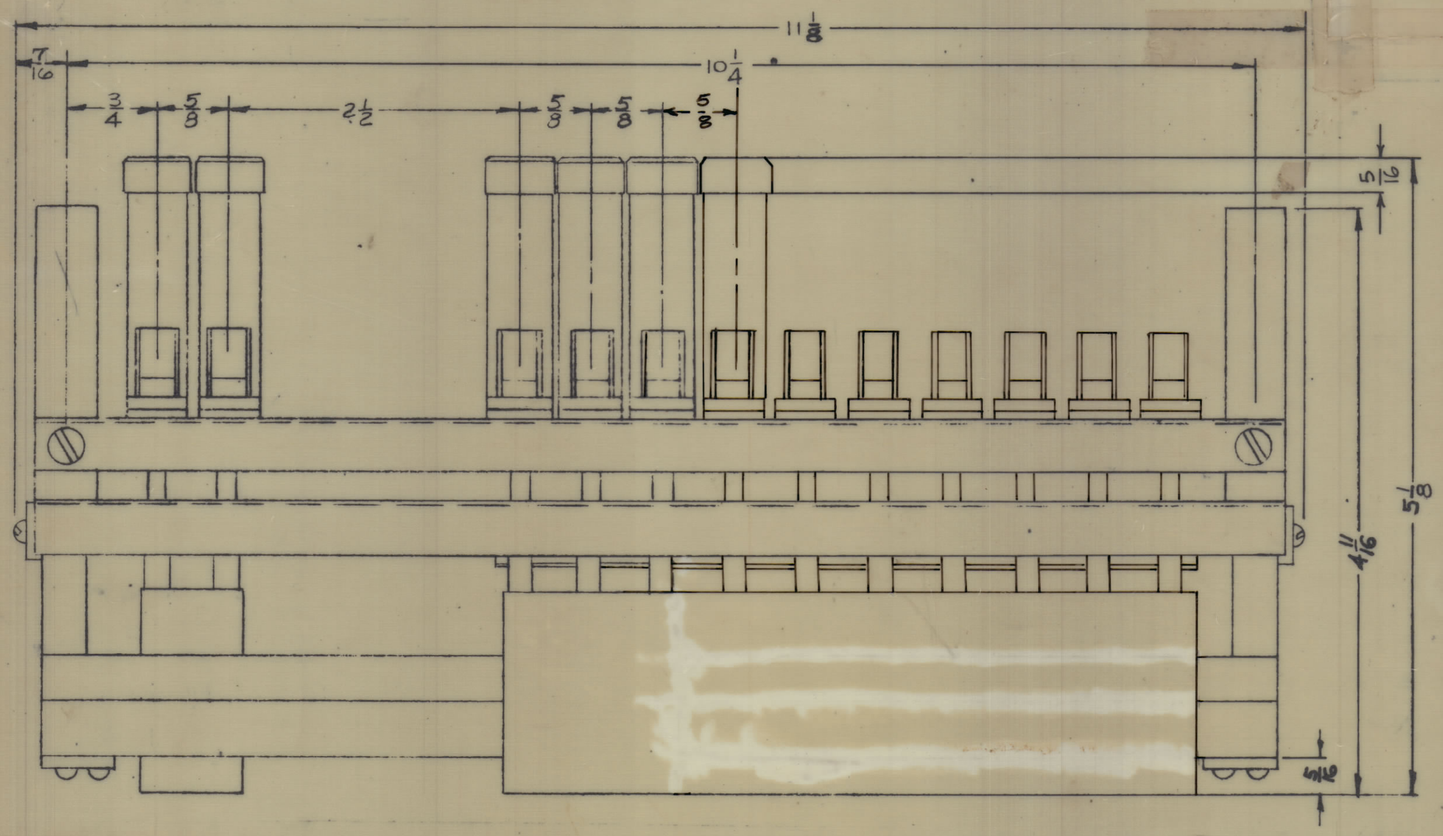
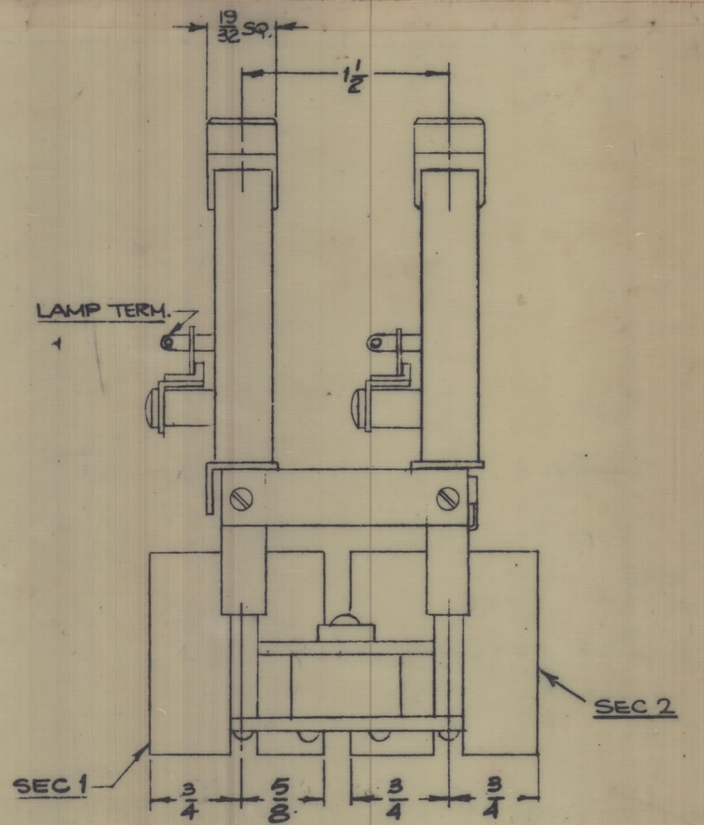
STANDARD DRAWING







NOTES:

1. SWITCH ACTION
   - A. Positive Lockout IN AND BETWEEN ROWS 1&2 POSITION 6 to 15 inclusive.
   - B. Mechanical Locking Row 2 Position 6 to 15.
   - C. Momentary (Non-locking) Row 1 position 6 to 15. (Note) Actuation of any position in Row 1 position 6 to 15 will release any previously actuated position, Row 2 position 6 to 15.
   - D. Row 2 Position 1 & 2 Mechanical locking, positive lockout & independent from rest of switch.
2. CONTACTS: 1A Position 1 Sec 2 Row 2. Each position 6 to 15 designated by chart contains the following contacts.
   - 3A Positions Sec. 1 Row 1. (See note 12)
   - 2A Positions Sec. 2 Row 1
   - 3A Positions Sec. 1 & Sec. 2 Row 2 (See note 13)

   NOTE: All contacts in Row 2 position 6 to 15 must break before contacts in Row 1 position 6 to 15 make.
3. Buttons: White with engraving as shown.
4. Positions 9-15 Row 1 & 2 to contain all necessary switch mechanisms except: plastic buttons, lamps, and contacts.
5. ENGRAVING: 1/8 High Gothic as per TMC Spec. S566, Width of stroke .020 depth of stroke .010.
6. Flat Head screws on stacks.
7. Lamps not supplied.
8. CONTACT RATING: 3A 110 VAC Non-Inductive
   1A 28 VDC Non-Inductive
9. SW411-3 Thru SW411-10 are expandable. (Contacts and buttons can be added to expand switch).
10. Latching bar to Run from position 6 to 15 in Row 1 & 2.
11. For spare parts use TMC No. BI110 for lamp, TMC No. LI111 for button.
12. Bottom Form "A" SEC. 1 ROW 1 TO OPERATE AFTER ALL OTHER FORM A ARE MADE IN ROW 1.
13. (Top Form "A" of sect. 2 Row 2 TO operate after all other form "A" are made IN ROW 2.

TMC PART NO. (SEE NOTE 9)	MFRS PART NO.	BUTTON ENGRAVING AND SWITCH POSITIONS																	
		POSITION ROW 1									POSITION ROW 2								
		6	7	8	9	10	11	12	13	14	15	6	7	8	9	10	11	12	13	14	15
SW411-3		1	2	3								A	B	C							
SW411-4		1	2	3	4							A	B	C	D						
SW411-6		1	2	3	4	5	6					A	B	C	D	E	F				
SW411-8		1	2	3	4	5	6	7	8			A	B	C	D	E	F	G	H		
SW411-10		1	2	3	4	5	6	7	8	9	10	A	B	C	D	E	F	G	H	I	J

STANDARD DRAWING

REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
Ø	ORIGINAL RELEASE FOR PRODUCTION	8/13/65	Ø	R.V.V.		
A	NOTES: 1A, 12 AND 13 REVISED	8-27-65	14715	R.V.V.	RCB	DMK

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
EATON			LIST OF MATERIAL	

MATERIAL —"—

FINISH —"—

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE: SWITCH, PUSH BUTTON DOUBLE ROW

Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE —"—	CODE	S401-865 (12DA-7865-759)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES: DECIMALS .X ± .05, .XX ± .01, .XXX ± .005; FRACTIONS ± 1/64; ANGLES ± 0° 30'

		DATE
DRAWN	EANZA	8-11-65
CHECKED	RCB	8-12-65
ELECT. DES.	—"—	8-12-65
MECH. DES.	W.J. DEDAN	8/12/65
FINAL APPROVAL	MMKay	8/13/65

SW411 A

SHEET — REV. LTR.

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SW411 A

TMC FORM 110

REPROVEL NO. 440H