SPECIFIC REQUIREMENTS FOR APPARATUS AND EQUIPMENT

ELECTRONIC TYPE

NUMBERING AND LETTERING

GENERAL EQUIPMENT REQUIREMENTS

1. GENERAL

1.001 This addendum supplements Section 800-613-161, Issue 1.

1.002 This addendum is issued:

(a) To revise 2.01 to specify gray-blue finish in place of blue-gray finish.

(b) To add 2.02.1.

(c) To revise 2.04 to specify 3/16-inch characters from frame name stamping on frame base.

(d) To omit 2.06.

(e) To revise 2.07 to specify frame SD- drawing number stamping requirements.

(f) To revise 2.11 to specify alternative stamping location when cable brackets cover the standard location and when adjacent mounting plates each occupy a half of a position.

(g) To revise 2.28 to specify 3/16-inch characters in place of 1/8-inch characters.

(h) To revise Fig. 1 to show SD- drawing number stamping.

(i) To revise Fig. 2 to add system control group designation and reduced size for frame name designation.

(j) To revise Fig. 3 to add system control group designation.

(k) To revise Fig. 21 to specify J code plug-in unit stamping.

(l) To revise Fig. 23 to change terminal number (units) identification in rear view and add terminal number (tens) stamping on rear view of combination inductor and terminal strip ladder sections.

(m) To revise Fig. 35 and 36 to add bottom flange in front view.

2. SPECIFIC REQUIREMENTS

The following changes apply to Part 2 of the section.

(a) 2.01—revised

(b) 2.02.1—added

(c) 2.04—revised

(d) 2.06—omitted

(e) 2.07—revised

(f) 2.11—revised

(g) 2.28—revised

(h) Fig. 1, 2, 3, 21, 23, 35, and 36—revised

2.01 To effect good contrast, color of characters shall be white when stamped on a gray-blue finish; black when stamped on a light gray finish.

2.02.1 ***System control group designations*** shall be stamped on all central office frames. The designation consists of alphanumeric characters that identify the kind of system and its numerical sequence of installation in a building. The letter

character denotes the kind of system. Typical letter assignments are as follows:

A or B—No. 101 ESS

C or D—No. 1 ESS

E—No. 2 ESS

F—ETS

R—TSPS

V—AIS

The number identifies the initial or any additional installations of a specific system in a building and is assigned sequentially from 0 to 9. The number 0 denotes the first installation; number 1 denotes the second installation; etc. Designations shall be stamped with 3/16-inch characters centered 1/8-inch above all appearances of the frame name except on the front of No. 101 ESS frames. On the front of these frames, designations shall be stamped with 3/8-inch characters located on the upper cover flange directly above the coded nameplate and centered with respect to the frame name designation on the nameplate.

2.04 ***Frame name designations*** shall be stamped on the front and rear of frames at two locations as covered in (a) and (b) below.

(a) ***Frame Base:*** Stamp with 3/16-inch characters on top surface at the right end as viewed from the stamping side. (See Fig. 2.)

(b) ***Frame Base Cover:*** Stamp with 3/8-inch characters on top surface 3/16-inch from the leading edge. On the front of frames equipped with memory modules located at the bottom of the bays, stamp on the vertical face of the frame base cover, 3/16-inch from the top edge.

(1) ***For single bay frames,*** other than junctor grouping frames, designations shall be located in front of the left upright as viewed from the stamping side. For junctor grouping frames, designations shall be centrally located between the frame uprights.

(2) ***For multibay frames,*** designations shall be stamped in front of the bay upright specified in Table A.

Designations of Supplementary Signal Distributors located on Miscellaneous Trunk frames shall be stamped to the right of the frame name with the same size characters and separated by a 3/16-inch dash as follows: MT21—SSD07.

TABLE A

LOCATION OF FRAME NAME ON BASE COVER

NUMBER OF BAYS PER EQUIPMENT	FRONT	REAR
	LEFT UPRIGHT OF BAY NUMBER	
2	1	0
3	1	0
4	2	1
5	3	2

2.07 ***SD- circuit schematic drawing numbers*** shall be stamped on the rear face of the top cross channel with 3/16-inch characters in ascending numerical order reading from top down. On multibay and multiframe equipments, SD- drawing numbers shall be located on bay 0 only. (See Fig. 1.) The SD- drawing numbers associated with the equipped frame, except SD- drawing numbers stamped on miscellaneous equipment units, shall be specified on the drawing.

2.11 ***Mounting plate position numbers on rear of frames*** shall be stamped on each mounting plate corresponding to the position assigned on the front of the frame. Numbers shall be stamped horizontally with 3/8-inch characters located between the left mounting screws. Mounting plates occupying more than one 2-inch position increment shall be stamped with the lowest associated position number. When two adjacent mounting plates share the same mounting position (each mounting plate occupies a half of the same position), stamp the number of the shared position on the top mounting plate 1 inch above the standard location.

(a) Mounting plate position numbers concealed by the addition of a vertical ground bus bar shall be restamped onto the ground bus bar in the same relative location unless otherwise specified.

(b) Mounting plate position numbers concealed by the addition of cable brackets shall be stamped as follows:

(1) On 2-inch mounting plates, restamp the designation to the immediate right of the cable bracket. If space is insufficient, omit the designation.

(2) On 4-inch or larger mounting plates, restamp the designation with the next higher position number located one mounting position above the standard location.

2.28 ***Equipment codes of units using ED-1H410-( ) tray assemblies*** shall be stamped on the rear center spacer of the uppermost tray in the unit. Characters shall be 3/16 inch, located 1 inch from top of tray. (See Fig. 8.)

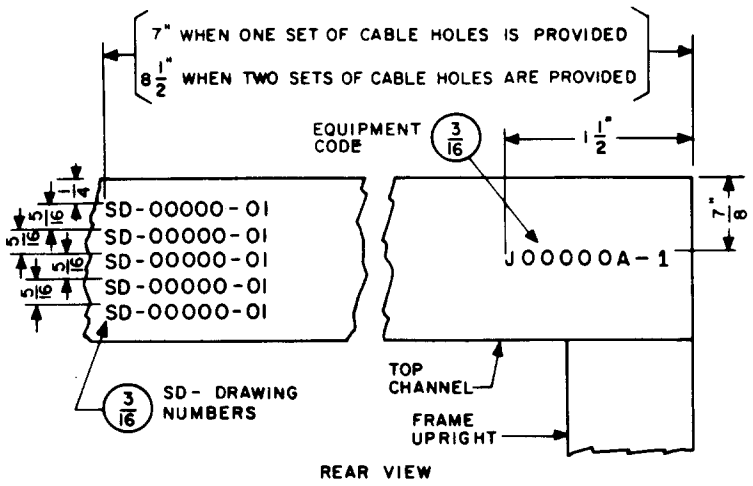


Fig. 1—Frame Equipment Code and SD- Drawing Numbers

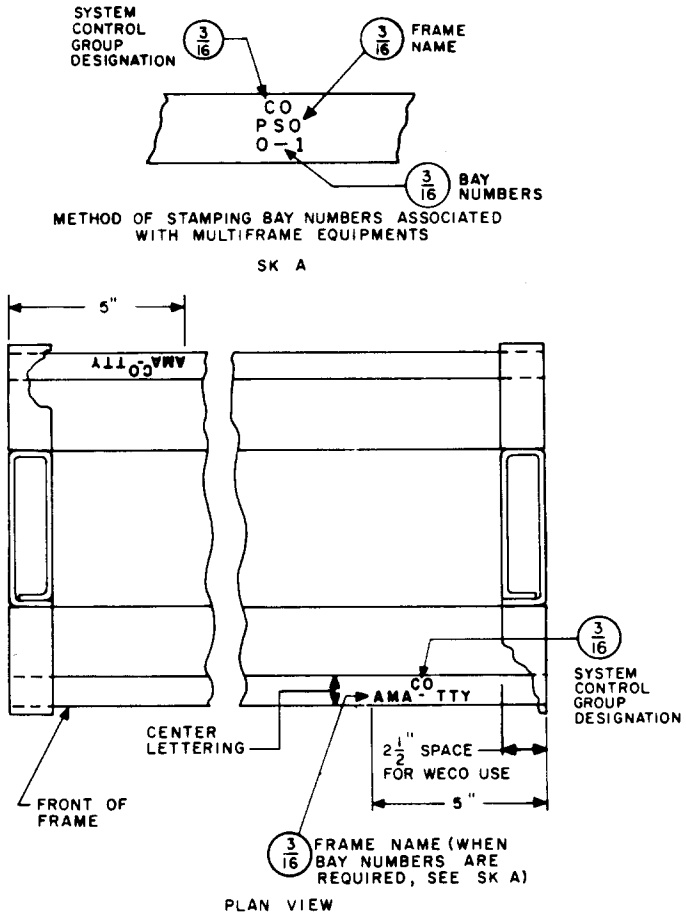


Fig. 2—Frame Name, Bay Number, and System Control Group Designations on Frame Base—Single or Multibay Sheet Metal Frame

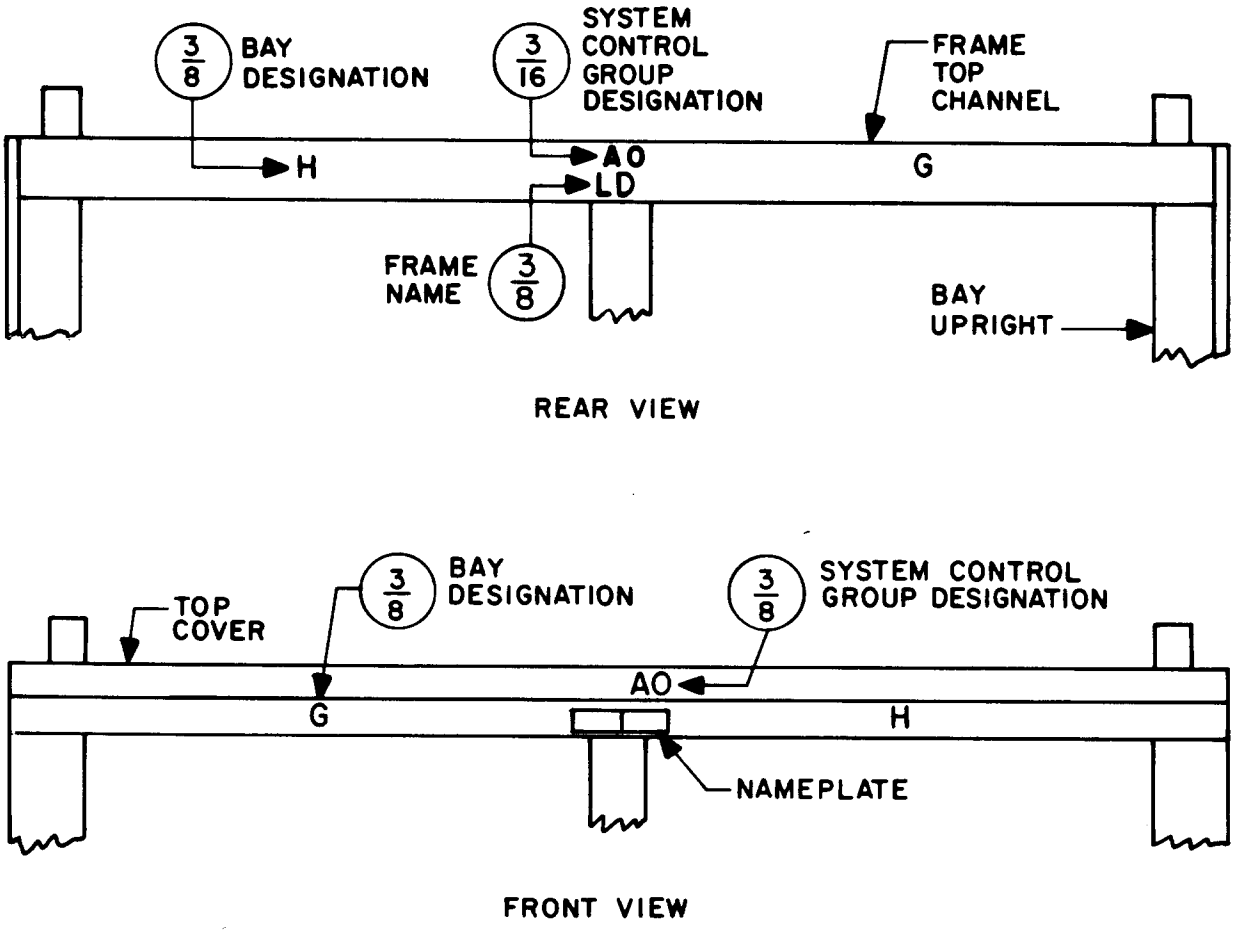
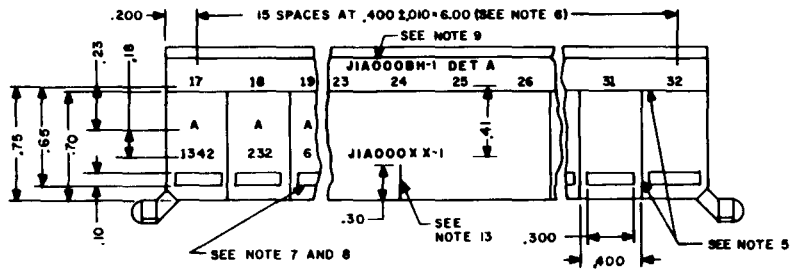
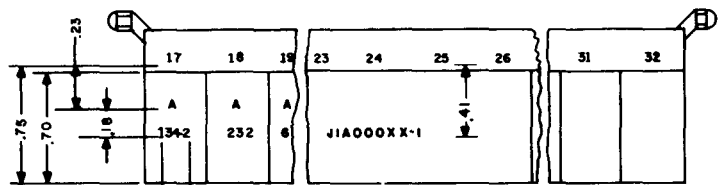


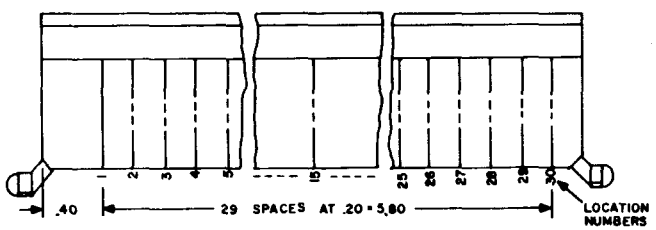
Fig. 3—Method of Stamping Frame Name, Bay, and System Control Group Designations



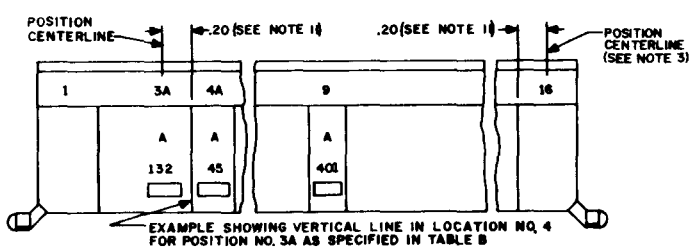
REAR FACE



FRONT FACE
TYPICAL STAMPING



TYPICAL SPACE LAYOUT (SEE NOTE 12)



TYPICAL METHOD OF
LOCATING POSITION NUMBERS

NOTES:

1. DESIGNATION STRIPS SHALL BE HOT STAMPED PER DETAIL SHOWN ON J DRAWING.
2. UNLESS OTHERWISE SPECIFIED ALL CHARACTERS SHALL BE BLACK AND IN 10 POINT NEWS GOTHIC CONDENSED.
3. DESIGNATIONS SHALL BE LOCATED SYMMETRICALLY ABOUT THE POSITION CENTERLINE UNLESS OTHERWISE SPECIFIED.
4. DIMENSIONS LOCATING DESIGNATIONS ARE SHOWN TO BOTTOM OF CHARACTERS.
5. DIMENSIONS ARE TO CENTERS OF LINES. LINES SHALL BE BLACK AND .015 INCH WIDE.
6. UNLESS OTHERWISE SPECIFIED TOLERANCES ON ALL DIMENSIONS SHALL BE ±.005 INCH FOR 3 PLACE DECIMALS AND ±.01 INCH FOR TWO PLACE DECIMALS. TOLERANCES SHALL NOT BE CUMULATIVE.
7. COLOR BLOCKS ARE SHOWN FOR DIMENSIONAL PURPOSES ONLY AND SHALL NOT BE MOULDED ABOVE THE SURFACE OF DESIGNATION STRIP.
8. COLORS SHALL BE IN ACCORDANCE WITH THE FOLLOWING OBSERVATIONAL STANDARDS:
   BLUE - OS10886
   RED - OS10888
   YELLOW - OS10889
   WHITE - OS10965
9. PART NUMBER SHALL BE STAMPED APPROXIMATELY IN POSITION SHOWN WITH .030 TO .045 CHARACTERS DEPRESSED WITH NO COLOR.
10. AFTER STAMPING, MOULDING SHALL BE FLAT WITHIN ±.03 INCH.
11. THE POSITION CENTERLINE SHALL BE LOCATED .20 INCH LEFT OF THE VERTICAL LINE POSITION NUMBER SHOWN IN TABLE A OR B EXCEPT FOR CIRCUIT PACK POSITION NUMBERS 16, 32, AND 48 WHICH SHALL BE LOCATED AS SHOWN FOR POSITION 16.
12. MODULAR SPACING OF VERTICAL LINES ON DESIGNATION STRIPS FOR 368 APPARATUS MOUNTINGS SHALL ALWAYS START WITH A BASIC MODULE OF .40 INCH FROM LEFT EDGE OF STRIP. ADDITIONAL VERTICAL LINES SHALL BE LOCATED BY DIMENSIONS THAT ARE MODULAR INCREMENTS OF .20 INCH FROM THE FIRST VERTICAL LINE.
13. UNIT CHASSIS LOCATION STRIPE SHALL BE BLACK AND .015 INCH WIDE.

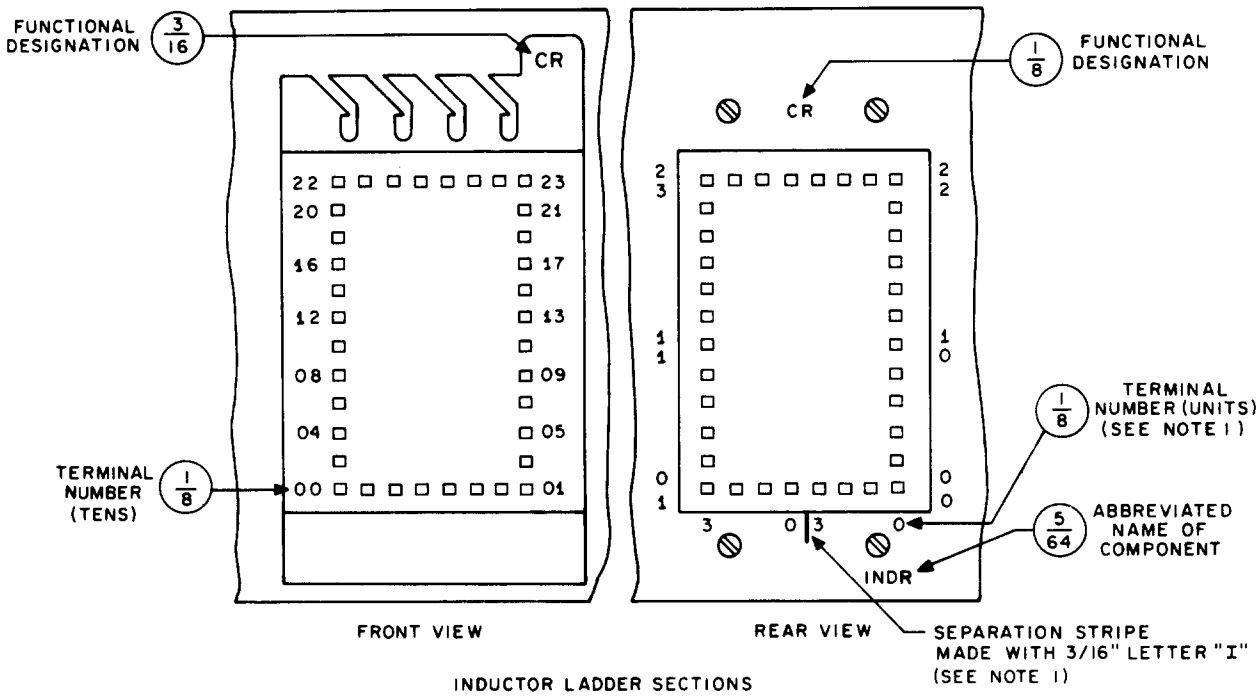
TABLE A
(SEE NOTE 11)

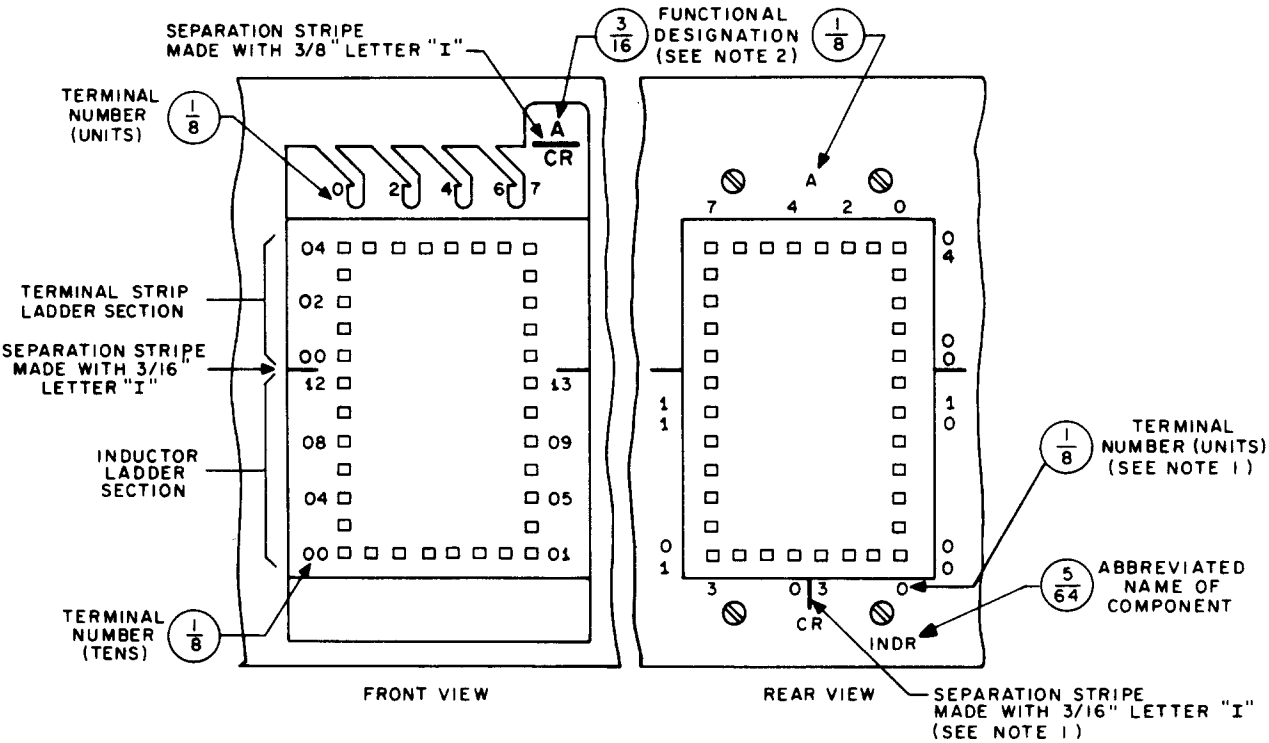
CIRCUIT PACK POSITION NO.	1 17 33	2 18 34	3 19 35	4 20 36	5 21 37	6 22 38	7 23 39	8 24 40	9 25 41	10 26 42	11 27 43	12 28 44	13 29 45	14 30 46	15 31 47	16 32 48
VERTICAL LINE LOCATION NO.	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	NO LINE

TABLE B
(SEE NOTE 11)

CIRCUIT PACK POSITION NO.	2A 18A 34A	3A 19A 35A	4A 20A 36A	5A 21A 37A	6A 22A 38A	7A 23A 39A	8A 24A 40A	9A 25A 41A	10A 26A 42A	11A 27A 43A	12A 28A 44A	13A 29A 45A	14A 30A 46A	15A 31A 47A	16A 32A 48A
VERTICAL LINE LOCATION NO.	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30

Fig. 21—125A Designation Strip





NOTES:
1. STAMP ON GROUND STRIP WHEN PROVIDED.
2. THE UPPER AND LOWER FUNCTIONAL DESIGNATIONS IDENTIFY UPPER AND LOWER ELEMENTS RESPECTIVELY.

Fig. 23—Inductor—1641 and Similar Types

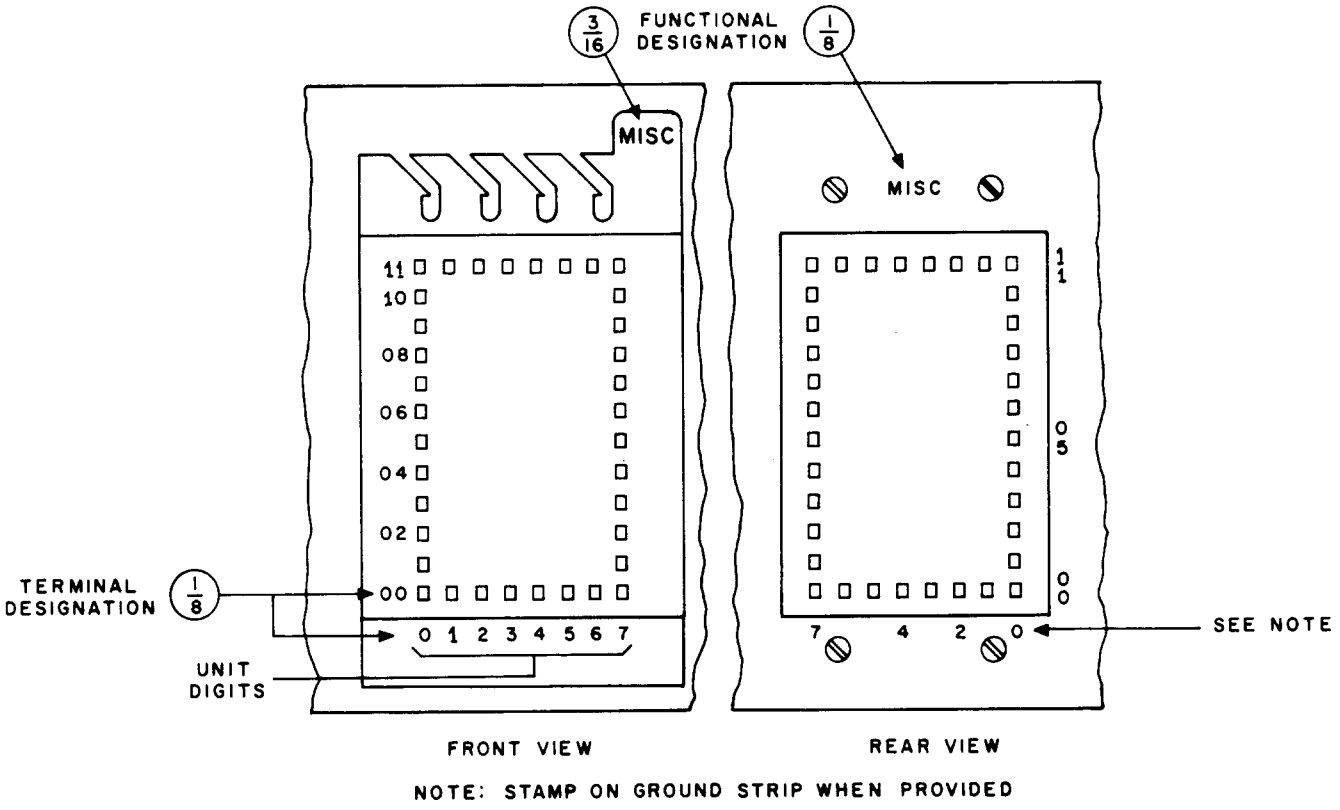
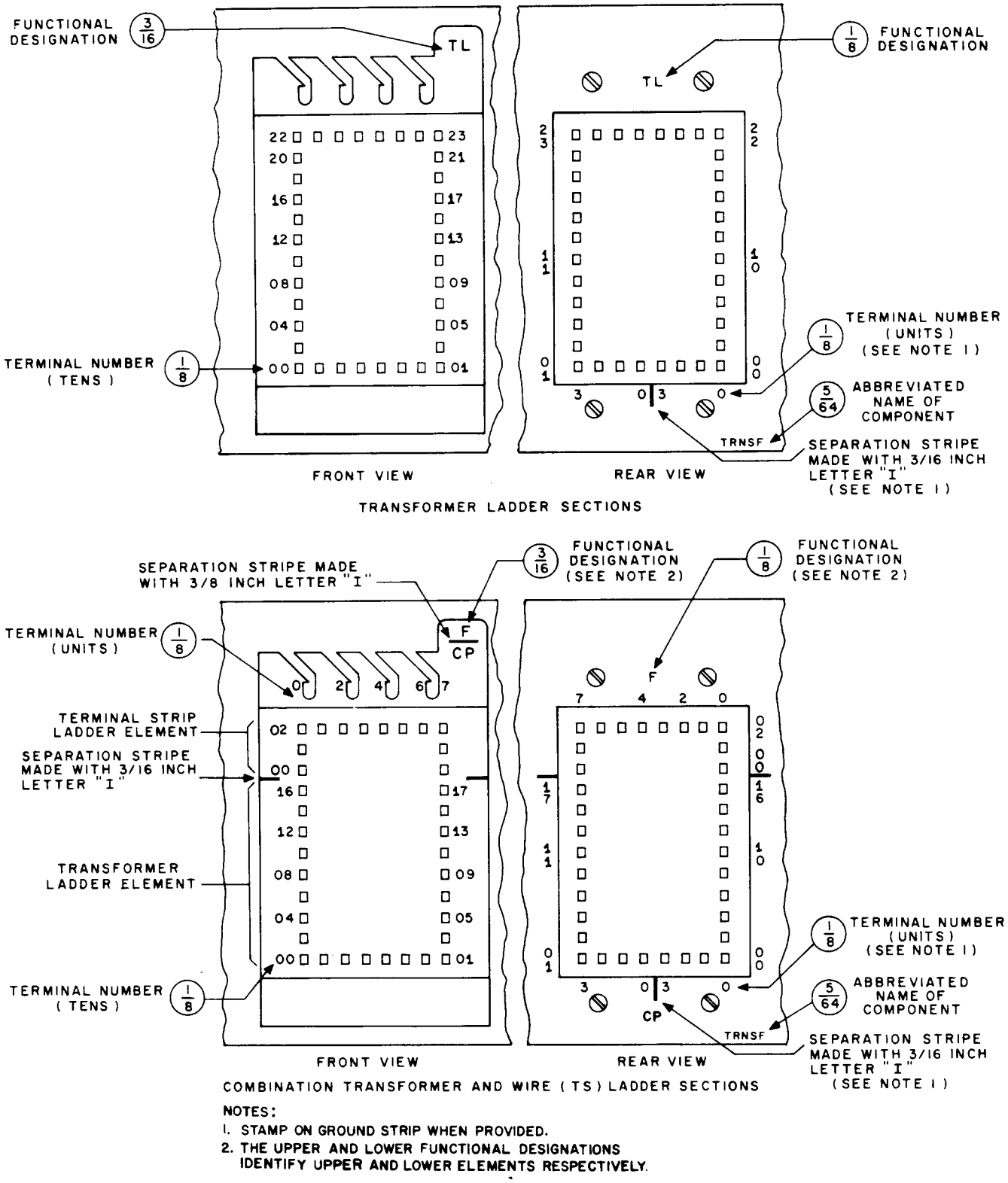


Fig. 35—Terminal Strip—288 Type (Coordinate Numbering)



NOTES:

1. STAMP ON GROUND STRIP WHEN PROVIDED.
2. THE UPPER AND LOWER FUNCTIONAL DESIGNATIONS IDENTIFY UPPER AND LOWER ELEMENTS RESPECTIVELY.

Fig. 36—Transformer—2598 and Similar Types