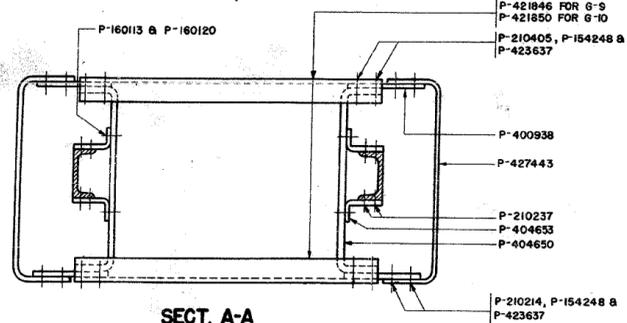
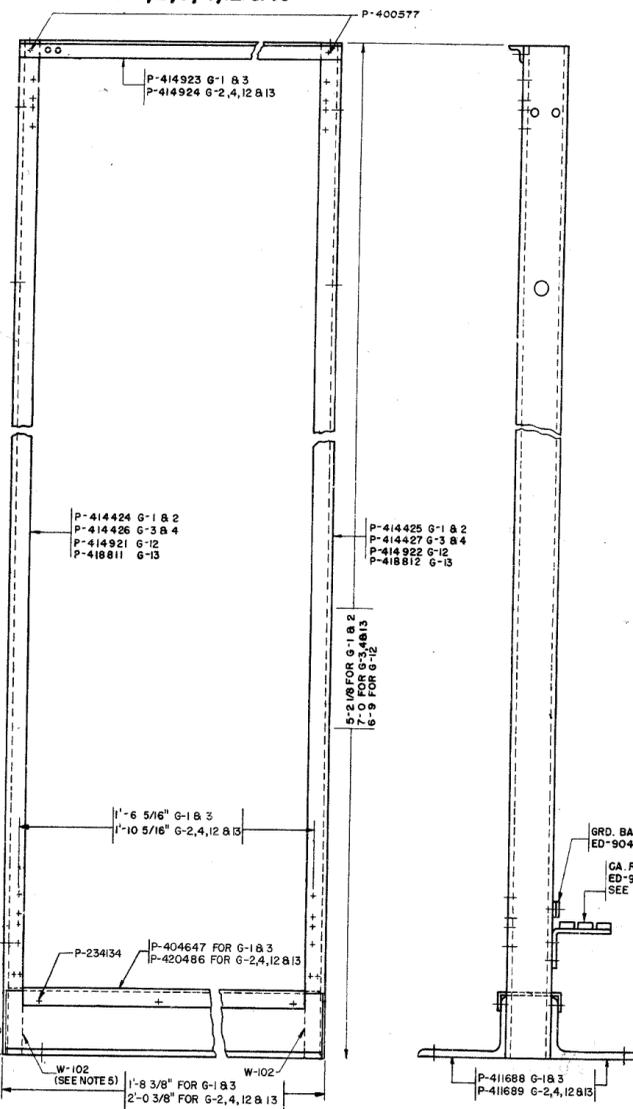
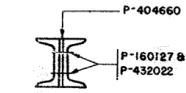


PLAN VIEW
G-1,2,3,4,12 & 13

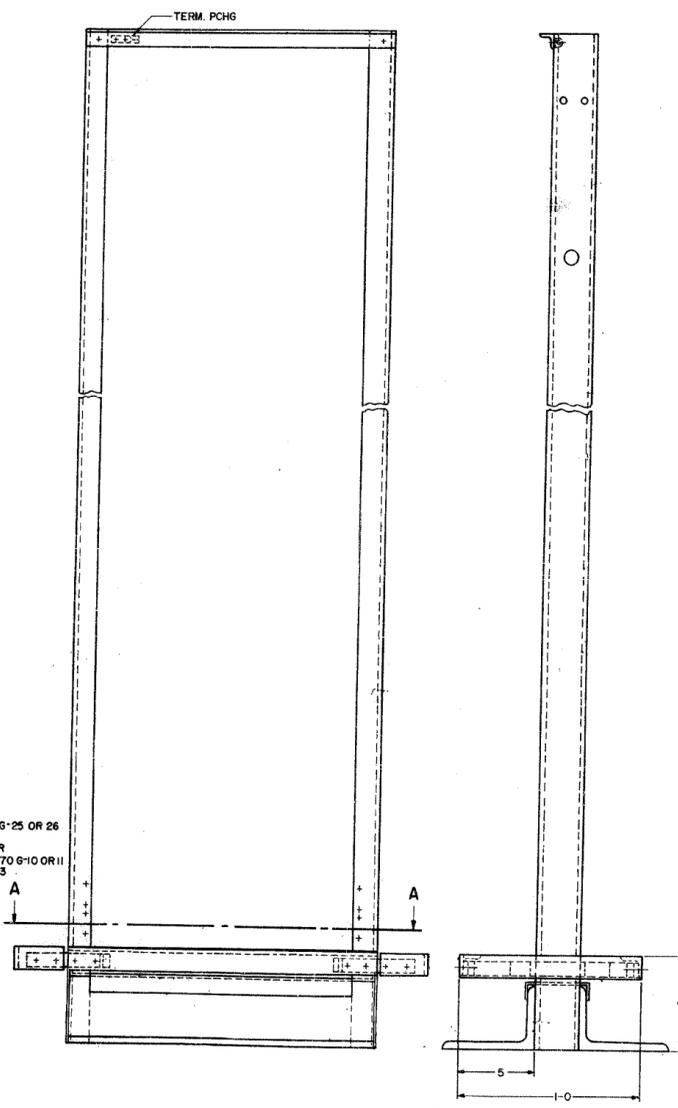


SECT. A-A



FRONT VIEW
G-1,2,3,4,12 & 13

END VIEW
G-1,2,3,4,12 & 13



FRONT VIEW
G-9,10 & 11

END VIEW
G-9,10 & 11

MANUFACTURING NOTES CONTINUED

5- CHANNEL UPRIGHTS SHALL BE WELDED TO FLOOR ANGLES WITH THE WEBS OF THE CHANNELS AT RIGHT ANGLES TO THE VERTICAL FLANGE OF THE FLOOR ANGLES. OUT OF SQUARENESS WITH RESPECT TO THE WEB OF EITHER UPRIGHT SHALL BE LIMITED TO A MAXIMUM OF 1/8 IN THE FULL WIDTH OF THE BAY MEASURED AT TWO POINTS. THE TOP POINT IS TO BE IN LINE WITH THE JUNCTIONING HOLES IN THE WEBS AND THE BOTTOM POINT IN LINE WITH THE LOWEST TAPPED HOLE FOR MOUNTING PLATES.

6- FRAME TO HAVE A 395-A OR 525-A 0004 THK. FINISH AFTER WELDING.

MANUFACTURING NOTES

1- PARTS NOT MARKED TO BE ASSEM. FOR SHIPMENT. "S" PARTS NOT ASSEMBLED, SHIPPED LOOSE.

2- MISC. ITEMS REQUIRED FOR INSTALLATION.

3- THE CABLE RACK SHALL BE LOCATED IN THE UPPER POSITION WITH THE GRD. BAR ON THE REAR UNLESS OTHERWISE SPECIFIED. WHEN GRD. BAR IS LOCATED ON FRONT INSTALLER SHALL DRILL UPRIGHTS AS REQUIRED.

4- WHEN RACKS ARE FASTENED WITH LAG SCREWS, THE P-284172 & P-284166 WASHERS SHALL BE USED UNDER THE HEAD OF THE LAG SCREW.

QTY	DESCRIPTION	UNIT	REVISION
1	P-418812 UPRIGHT		
1	P-418811 UPRIGHT		
2	P-42859 EXPANSION SHIELD	X	
2	P-427634 3/8-16 X 3 1/2 STUD	X	
2	P-284166 .453 X 1 X .071 WASHER	X	
2	P-284172 64 X 1.125 X .080 WASHER	X	
2	P-401452 3/8 X 2 LAG SCREW	X	
4	P-160120 3/8-16 HEX NUT	X	
8	P-152348 5/16-18 HEX NUT	X	
2	P-432022 5/16-18 HEX NUT	X	
8	P-423637 LOCKWASHER	X	
6	P-234134 190-32 X 9/32 B.H.M. SCR	X	
2	P-160127 5/16-18 X 1 H.H.C. SCR	X	
8	P-210405 5/16-18 X 1/4 F.H.M. SCREW	X	
2	P-210214 5/16-18 X 7/8 F.H.M. SCREW	X	
2	P-400577 1/4-20 X 1/2 HEX H.D. CAP SCR	X	
4	P-210237 1/4-20 X 5/8 R.H.M. SCR	X	
4	P-160113 3/8-16 X 1 R.H.M. SCR	X	
2	P-401452 3/8-16 HEX NUT	X	
2	P-41689 FLOOR ANGLE	X	
2	P-41688 FLOOR ANGLE	X	
2	P-421850 GUARD RAIL	S	
2	P-421846 GUARD RAIL	S	
1	P-420486 DUST COVER	S	
1	P-414924 TOP ANGLE	S	
1	P-414424 TOP ANGLE	S	
1	P-414425 TOP ANGLE	S	
1	P-414426 UPRIGHT	S	
1	P-414427 UPRIGHT	S	
1	P-414921 UPRIGHT	S	
1	P-414922 UPRIGHT	S	
1	P-414923 TOP ANGLE	S	
4	P-404660 SPACER	S	
2	P-404653 BRACKET	S	
2	P-404650 GUARD RAIL SUPPORT	S	
2	P-404647 DUST COVER	S	
2	P-427443 END GUARD	S	
2	P-400938 JUNCTION PLATE	S	
1	P-41689 G-1 & 3	S	
1	P-41689 G-2,4,12 & 13	S	

ENGINEERING NOTES (CONTINUATION)

55- TERMINAL STRIP SUPPORT ASSEMBLY ED-90458-50

56- COIL GUARD ED-90414-30.

57- FUSE PANEL ADAPTERS AND EQUIPMENT GUARD ED-90335-70.

58- METHOD OF JUNCTIONING TO I BEAM RACKS ED-90266-70 G-2.

59- WHEREVER PRACTICABLE THE THREE BOTTOM MTS. PLS. POS. OF THE FRAME SHALL NOT BE EQUIPPED. WHEN REQUIRED THE THREE BOTTOM POS. MAY BE EQUIPPED WITH APPARATUS REQ. A MINIMUM AMOUNT OF MAINTENANCE.

60- FURNISH 1-KS-5517, L-1 TERM. PCHG. 2-P-210237 R.H.M. SCR. 2-P-160738 WASHERS & 2-P-94442 HEX NUTS WHEN CIRCUIT GROUND IS NOT REQUIRED AND FRAME GRD. ONLY IS NECESSARY. THE FRAME THEN SHALL BE GROUNDED BY MEANS OF A NO. 6 B.R.C. WIRE TERMINATED IN TERM. PCHG KS-5517, L-1 LOCATED ON THE TOP ANGLE AS SHOWN.

61- WHEN A CIRCUIT GROUND IS REQ. IN ADDITION TO THE REGULAR FRAMEWORK GROUND, A GROUND BUS BAR SHALL BE FURNISHED.

62- THE LOCATIONS FOR THE CABLE RACK AND GROUND BUS BAR SHALL BE SPECIFIED IN THE JOB SPECIFICATION WHEN A LARGE AMOUNT OF CABLING IS REQ. IN THIS CASE THE CABLE RACK MAY BE LOCATED IN THE LOWER POS. WITH THE BUS BAR ON THE FRONT AND NO GUARD RAILS FURNISHED.

63- LADDER GUARD RAILS PER G-9 & G-10 SHALL BE ORDERED ONLY WHEN BAYS ARE LINED UP WITH 8'-0" OR 11'-0" BAYS OR FOR ISOLATED LINEUPS WHEN SPECIFIED GUARD RAIL ENDS PER G-11 SHALL BE FURNISHED FOR LINEUPS HAVING LADDER GUARD RAILS.

64- IF AN ENTIRE BAY IS EQUIPPED WITH FUSE PANELS, AN EQUIPMENT GUARD SHALL BE MOUNTED ACROSS THE FRONT OF A PANEL LOCATED APPROXIMATELY 4'-3" FROM THE FLOOR.

65- ORDER CABLE RACK SUPPORT AT TOP OF FRAME PER ED-90674-70, G-24 AS REQUIRED.

66- ORDER DETAILS PER ED-65457-30 WHEN REQUIRED TO INSULATE FRAMEWORK FROM LOCAL GROUND.

QTY	DESCRIPTION	UNIT	REVISION
1	P-418812 UPRIGHT		
1	P-418811 UPRIGHT		
2	P-42859 EXPANSION SHIELD	X	
2	P-427634 3/8-16 X 3 1/2 STUD	X	
2	P-284166 .453 X 1 X .071 WASHER	X	
2	P-284172 64 X 1.125 X .080 WASHER	X	
2	P-401452 3/8 X 2 LAG SCREW	X	
4	P-160120 3/8-16 HEX NUT	X	
8	P-152348 5/16-18 HEX NUT	X	
2	P-432022 5/16-18 HEX NUT	X	
8	P-423637 LOCKWASHER	X	
6	P-234134 190-32 X 9/32 B.H.M. SCR	X	
2	P-160127 5/16-18 X 1 H.H.C. SCR	X	
8	P-210405 5/16-18 X 1/4 F.H.M. SCREW	X	
2	P-210214 5/16-18 X 7/8 F.H.M. SCREW	X	
2	P-400577 1/4-20 X 1/2 HEX H.D. CAP SCR	X	
4	P-210237 1/4-20 X 5/8 R.H.M. SCR	X	
4	P-160113 3/8-16 X 1 R.H.M. SCR	X	
2	P-401452 3/8-16 HEX NUT	X	
2	P-41689 FLOOR ANGLE	X	
2	P-41688 FLOOR ANGLE	X	
2	P-421850 GUARD RAIL	S	
2	P-421846 GUARD RAIL	S	
1	P-420486 DUST COVER	S	
1	P-414924 TOP ANGLE	S	
1	P-414424 TOP ANGLE	S	
1	P-414425 TOP ANGLE	S	
1	P-414426 UPRIGHT	S	
1	P-414427 UPRIGHT	S	
1	P-414921 UPRIGHT	S	
1	P-414922 UPRIGHT	S	
1	P-414923 TOP ANGLE	S	
4	P-404660 SPACER	S	
2	P-404653 BRACKET	S	
2	P-404650 GUARD RAIL SUPPORT	S	
2	P-404647 DUST COVER	S	
2	P-427443 END GUARD	S	
2	P-400938 JUNCTION PLATE	S	
1	P-41689 G-1 & 3	S	
1	P-41689 G-2,4,12 & 13	S	

ENGINEERING NOTES

51- MADE FROM ED-90370-01 ISSUE 16.

52- GROUND BAR CONNECTIONS ED-90484-72 G-25 OR G-26.

53- CABLE RACK ASSEMBLY ED-90674-70 G-10 OR G-11.

54- CABLE BRACKETS ED-90674-70.

(CONTINUED)

ED-90370-73

COMMON SYSTEMS
RELAY RACK ASSEMBLIES
FLOOR SUPPORTED TYPE
5'-2 1/8" 6'-0" OR 7'-0" HIGH
ARRANGED FOR 1" OR 2 1/2" 1 3/4" X 1 1/2" X 1 1/2" MOUNTING PLATES OR 2 1/2" X 2 1/2" MOUNTING PLATES

SCALE 3/4"=1 FT

WESTERN ELECTRIC COMPANY, INC.

A.T.&T.CO. RATING
A.T.&T.CO. STANDARD
W.E.CO. RATING
STANDARD
U
ED-90370-73

ED-90370-73