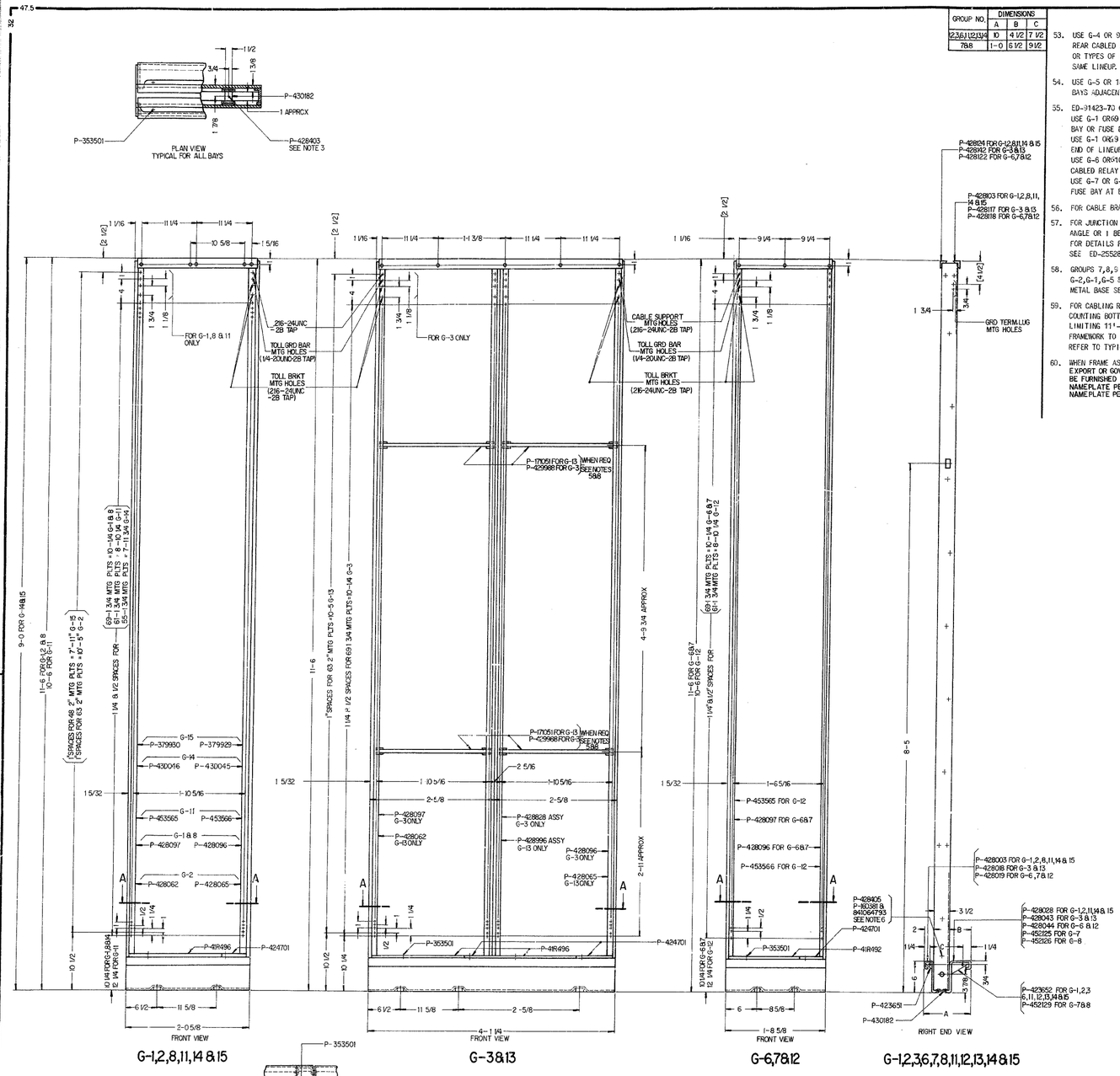

GROUP NO.	DIMENSIONS A	B	C
2,3,6,11,12,13,14	10	4 1/2	7 1/2
7&8	1-0	6 1/2	9 1/2

ENGINEERING NOTES (CONT)

53. USE G-4 OR 9 ON LEFT END, FACING REAR, OF RELAY BAY REAR CABLED PER ED-91510-01 ADJACENT TO FUSE BAYS OR TYPES OF FRAMES OTHER THAN RELAY BAYS IN THE SAME LINEUP.
54. USE G-5 OR 10 ON LEFT END, FACING REAR, OF PBX FUSE BAYS ADJACENT TO OTHER BAYS.
55. ED-91423-70 OR -71 END GUARDS
    USE G-1 ORG9 ON LEFT END FACING FRONT OF END RELAY BAY OR FUSE BAY OF A LINEUP.
    USE G-1 ORG9 ON RIGHT END FACING FRONT OF FUSE BAY AT END OF LINEUP OTHER THAN PBX BAY.
    USE G-6 ORG10 ON RIGHT END FACING FRONT OF REAR CABLED RELAY BAY AT END OF LINEUP.
    USE G-7 OR G-11 ON RIGHT END FACING FRONT OF PBX FUSE BAY AT END OF LINEUP.
56. FOR CABLE BRACKETS SEE ED-91205-50.
57. FOR JUNCTION DETAILS, WHEN LINING UP WITH CHANNEL, ANGLE OR I BEAM FRAMEWORK SEE ED-91774-70 G-13 TO 17. FOR DETAILS FOR CLOSING UNEQUIPPED RELAY RACK SPACE SEE ED-25528-71 OR ED-91804-70
58. GROUPS 7,8,9 & 10 MFR DISC REPLACED BY ED-91837-70, G-2,G-1,G-5 & G-6 RESP FOR FRWK WITH 1'-0" SHEET METAL BASE SEE ED-91837-70.
59. FOR CABLING REASONS THE TOP TWO 2" MOUNTING PLATES COUNTING BOTTOM UP SHALL NORMALLY NOT BE EQUIPPED, LIMITING 11'-6" FRAMEWORK TO 61 PLATES AND 9'-0" FRAMEWORK TO 46 PLATES. FOR ADDITIONAL INFORMATION REFER TO TYPICAL CABLING PLAN ED-92224-10.
60. WHEN FRAME ASSEMBLY IS ORDERED FOR NON-ASSOCIATE, EXPORT OR GOVERNMENT AGENCY SALE, A GROUP NP1 SHALL BE FURNISHED TO PROVIDE A "WESTERN ELECTRIC" NAMEPLATE PER KS-20642 L8P TO REPLACE "BELL SYSTEM" NAMEPLATE PER KS-20642 L4P.

PARTS TO BE WELDED		SHOP	INST
P-423651	P-428065		
P-423652	P-428062	X	X
P-428003	P-428103		
P-428018	P-428117		
P-428043	P-428118		
P-428019	P-428122		
P-428028	P-428124		
P-428044	P-428142	X	
P-428096	P-430182		
P-428097	P-452125		
P-452129	P-452126		
P-453565	P-453566		
P-428828	P-428996		
P-430046	P-430045		
P-379929	P-379930	X	X

MANUFACTURING NOTES (CONT)

5. (CONT) RELAY RACKS DRILLED FOR 2" MTG PLATES THE STIFFENING BAR SUPPORTS, WHEN USED, SHALL BE REMOVED ON INSTALLATION AND DISCARDED.
6. P-428405 SPACER, P-160381 HH CAP SCR & 841064793 HEX NUT TO BE USED FOR JUNCTIONING FRAMES NOT REQUIRING BASE FILLERS ON INSTALLATION.
7. DIMENSIONS IN [ ] ARE FOR ENGINEERING PURPOSES ONLY.
8. WHERE TWO BAY FRAMEWORK PER G-3 OR G-13 HAS EITHER ONE OR TWO BAYS FULLY EQUIPPED AND HAS 30A TERM STRIP AND MTG BRKT OR SIMILAR TYPE EQUIPMENT, MOUNTED ON THE REAR OF THE MOUNTING PLATES WHICH INTERFERE WITH THE USE OF THE STIFFENING BAR SUPPORT ASSEMS P-429988 AND P-171051, THIS INTERFERING EQUIPMENT SHALL BE REMOVED FROM THE MOUNTING PLATES AND SECURELY TIED TO THE SUPPORT BAR FOR SHIPMENT ON INSTALLATION WHEN THE STIFFENING BAR SUPPORT ASSEMS ARE REMOVED, THIS EQUIPMENT SHALL BE RETURNED TO THE NORMAL POSITION ON THE MOUNTING PLATES.
9. FOR APPLICATION OF KS-20642 NAMEPLATES REFER TO SPECIFICATION X-17145.

MANUFACTURING NOTES

1. IN STOCKLIST
   PARTS NOT MARKED CONSTITUTE THE MAJOR ASSEMBLY AND ARE TO BE ASSEMBLED FOR SHIPMENT.
   "S" PARTS NOT ASSEMBLED, SHIPPED LOOSE
   ☒ MISCELLANEOUS ITEMS REQUIRED FOR INSTALLATION.
   ☒ MISC ITEMS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH, THE ASSOC ASSEMBLED ITEM.
   "a" ASSEMBLED AT SAME TIME EQUIPMENT IS MOUNTED.
2. FR TO BE WELDED & MEET REQUIREMENTS PER ED-92744-10.
3. P-428403 LEVELING SCREWS SHALL BE LEFT IN PLACE ON INSTALLATION.
5. TWO BAY FRWK HAVING 151 TYPE OR EQUIVALENT MTG PLTS (NOTCHED MTG HOLES) & EITHER ONE OR TWO BAYS 75% OR MORE EQUIPPED WITH RELAYS AND COILS SHALL BE PROVIDED WITH STIFFENING BAR SUPPORTS, WITH THE EXCEPTION THAT IF BOTH BAYS HAVE ONE OR MORE PLATES OF THE TYPE WITH OVAL MTG HOLES (189 TYPE OR SIMILAR), OR UNITS EQUIPPED WITH SUCH PLATES, MOUNTED IN THE APPROXIMATE AREA WHERE THE STIFFENING BAR SUPPORTS ARE GENERALLY LOCATED, THE SUPPORTS MAY BE OMITTED WHEN REQUIRED, P-429988 SHALL BE USED FOR RELAY RACKS DRILLED FOR 1 3/4" MTG PLATES AND P-71051 FOR (CONT AT LEFT)

SHOP	INST	LINE	CODE	DESCRIPTION	NOTE A	NOTE B	COL C
		60					
		55	P-430045	UPRIGHT (RT)			
			P-430046	(LT)			
			P-379929	(RT)			
			P-379930	(LT)			
			P-284163	WASHER .383 X .750 X .071			
		50					
			841064769	HEX NUT 5/16-18			
X	X		841064793	(SEE NOTE 6) 1/2-13			
			P-353501	RHM SCR .216-24 X 5/16			
X	X	45	841060122	PHM SCR 5/16 - 18 X 1			
X	X		P-160381	HH CP SCR(SEE NOTE 6) 1/2-13 X 1-1/8			
X	X		P-428403	SQ HH CP SET SCR 1/2 - 13 X 1-1/2			
			P-160126	HH CAP SCR 5/16 - 18 X 7/8			
			KS-19291	L-7 NAMEPLATE	S		
X	X	40	P-428405	SPACER (SEE NOTE 6)			
			P-453097	ADAPTER	S		
			P-430182	BAR			
			P-423652	GUSSET PLATE			
			P-423651				
		35	P-452129				
			P-418492	COVER PLATE ASSEMBLY	S		
			P-418496		S		
			P-424701	COVER PLATE	S		
			P-189779	ADAPTER	S		
		30	P-428122	TOP ANGLE (FRONT)			
			P-428142				
			P-428124				
			P-428118	TOP ANGLE (REAR)			
			P-428117				
		25	P-428103				
			KS-20642	L8P NAMEPLATE	S		
			P-428996	UPRIGHT ASSEMBLY			
			P-428828				
			P-453566	UPRIGHT (RT)			
		20	P-453565	(LT)			
			P-428062	(LT)—SHOWN ON ED-25023-15			
			P-428065	UPRIGHT—(RT)			
			P-428097	(LT)—SHOWN ON ED-25023-16			
			P-428096	(RT)			
OMIT	OMIT	15	KS-20642	L4P NAMEPLATE	S		
			P-450713	BASE SUPPORT	S		
			P-431625		S		
			P-452128		S		
			P-452127	BASE ASSEM	S		
		10	P-450712		S		
			P-431626		S		
			P-452126	REAR BASE			
			P-452125				
			P-428044				
		5	P-428043	REAR BASE			
			P-428028	SHOWN ON ED-25023-14			
			P-428019				
			P-428018	FRONT			
		1	P-428003				

G-NP2	G-NP1	G-15	G-14	G-13	G-12	G-11	G-10	G-9	G-8	G-7	G-6	G-5	G-4	G-3	G-2	G-1
NAMEPLATE (MFR DISC)								MFR DISC								
NAMEPLATE		ONE BAY 9-0 HIGH FOR 2 X 23 MTG PLTS 10" FRAME BASE	ONE BAY 9-0 HIGH FOR 1 3/4 X 23 MTG PLTS 10" FRAME BASE	ONE TWO BAY REL RK 11-6 HIGH FOR 2 X 23 MTG PLTS 10" FRAME BASE	ONE BAY 10-6 HIGH FOR 1-3/4 X 19 MTG PLTS - 10" FRAME BASE	ONE BAY 10-6 HIGH FOR 1-3/4 X 23 MTG PLTS - 10" FRAME BASE	ONE FRAME BASE FILLER (3-5/8) 1-6 FRAME BASE	ONE FRAME BASE FILLER (2) 1-0 FRAME BASE	ONE BAY 11-6 HIGH FOR 1-3/4 X 23 MTG PLTS - 1-0 FRAME BASE	ONE BAY 11-6 HIGH FOR 1-3/4 X 19 MTG PLTS 1-0 FRAME BASE	ONE BAY 11-6 HIGH FOR 1-3/4 X 19 MTG PLTS 10" FRAME BASE	ONE FRAME BASE FILLER (3-1/2" SPACE) 10" FRAME BASE	ONE FRAME BASE FILLER (2" SPACE) 10" FRAME BASE	ONE 2 BAY REL RK 11-6 HIGH 1-3/4 X 23 MTG PLTS 10" FRAME BASE	ONE BAY 11-6 HIGH FOR 2 X 23 MTG PLTS 10" FRAME BASE	ONE BAY 11-6 HIGH FOR 1-3/4 X 23 MTG PLTS 10" FRAME BASE

ENGINEERING NOTES

~~51. MADE FROM ED-91183-01 ISS 25~~

52. FOR GROUNDING CONN BLKS & MISC MTG DETAILS USE ED-91210-52 OR ED-91210-51 KEARNY ONLY, TWO BAY FRAME G-3 TO BE USED EXCEPT FOR PBX FUSE BAYS AND IN CASES WHERE AN ODD NUMBER OF BAYS IN A LINEUP OR OTHER REASONS NECESSITATE THE USE OF G-1.

NOTICE
NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT

COMMON SYSTEMS
RELAY RACK ASSEMBLY
ANGLE TYPE
10 SHEET METAL BASE
9'-0", 10'-6" AND 11'-6" HIGH

WESTERN ELECTRIC COMPANY, INC.

DWG SIZE 125

1N99 5

A.T.&T. RATING
A.T.&T.CO.STANDARD
W.E. CO. RATING
STANDARD

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