

ENGINEERING NOTES:
 51. MAKE FROM ED-90275-01 ISSUE 8D AND ED-90277-01 ISSUE 2.
 52. FURNISH COVER SECTIONS G-52 AS SPECIFIED BY TEL CO. FOR LONG UNEQUIPPED SECTIONS OF FRAME...
 53. ENGINEER SHALL ORDER 1 G-51 FOR A LINEUP OF 5 TO 9 VERTICALS, 2 G-51 FOR A LINEUP OF 10 TO 25 VERTICALS, AND 1 G-51 FOR APPROX EVERY 25 VERTICALS ADDITIONAL; ALSO ONE G-51 FOR EACH ADDITION OF 10 TO 25 VERTICALS ON AN EXISTING LINEUP.
 54. ORDER G-1, 2, 3, 5, 10, 11, 20 & 21 AS REQUIRED IN ACCORDANCE WITH TABLE OF UNIT COMBINATIONS FOR VARIOUS NUMBER OF VERTICALS.
 55. GROUND BAR ARRANGEMENT ED-90266-50 (DISC. AVAIL.)
 56. END GUARDS ED-90581-10 G-1. (DISC. AVAIL.)
 57.
 58.
 59. FRAME IS ARRANGED TO MOUNT "C" OR "E" TYPE PROTECTORS, 300 TYPE CONNECTORS, OR 444 TYPE JACKS.
 60. FOR ENGINEERING, ORDERING AND INSTALLING INFORMATION PERTAINING TO PROTECTORS, CONNECTORS, JACKS AND FANNING STRIPS, REFER TO ED-98109-70, -71. (DISC. AVAIL.)

SHOP	INST	MANUFACTURING NOTES (CONT'D)
	X	10. INSTALLER SHALL DRILL .500 HOLES IN BASE ANGLES AS REQUIRED FOR HOLDING DOWN SCREWS TO MATCH HOLES IN FASCIA ANGLES AS FOLLOWS: 1 & 2 VERT UNITS 1 HOLE 3 & 5 " " 2 HOLES 10 & 11 " " 3 " " 20 & 21 " " 5 " "
	X	11. THE FIRST & LAST HOLE OF EACH UNIT TO BE LOCATED NOT MORE THAN 1/4" FROM THE END & INTERMEDIATE HOLES TO BE SPACED EVENLY TAPPED HOLES TO BE PROVIDED IN THE FASCIA ANGLE WHEN REQUIRED FOR THE SMALLER UNITS. GUARD RAIL AND DESIGNATION BOARD SUPPORTS SHALL BE INSTALLED ON EACH UNIT AT VERTICALS "X" AS FOLLOWS: (FRONT OF FRAME SHOWN)
	X	12. 3/8-16X1/2 HH CAP SCREW TO BE FURNISHED BY THE TEL CO. IN ALL TAPPED HOLES IN FLOOR FASCIA ANGLES TO KEEP HOLES FREE FROM CEMENT THREADS TO BE COATED WITH KS 855 LUBRICANT (PREFERRED) OR KS 7471 GREASE THESE SCREWS TO BE REMOVED AFTER CONCRETE IS POURED.

SHOP	INST	MANUFACTURING NOTES (CONT'D)
	X	6. HORIZONTAL BRACING CHANNELS SHALL BE PLACED ON THE 3RD, 6TH, 9TH & 12TH BARS FROM THE BOTTOM.
	X	7. WHEN REQUIRED CUTOUTS FOR CABLES SHALL BE PROVIDED IN BLANK COVER SECTIONS, G-52 ON INSTALLATION.
	X	8. ON ORIGINAL LINEUP OF 5 TO 9 VERTICALS, ONE SET OF BRACES SHALL BE PLACED AT HEAD END OF FRAME. ON ORIGINAL LINEUP OF 10 TO 25 VERTICALS, ONE SET OF BRACES SHALL BE PLACED AT EACH END. ON AN ORIGINAL LINEUP OF MORE THAN 25 VERTICALS, SETS OF INTERMEDIATE BRACES SHALL BE SPACED APPROX EQUAL BETWEEN ENDS FOR EACH ADDITIONAL 25 VERTICALS. EACH ADDITION OF 10 TO 25 VERTICALS TO A LINEUP SHALL HAVE ONE ADDITIONAL SET OF BRACES PLACED AT END OF ADDITIONAL FRAME. WHEN A BRACE INTERFERES WITH THE LOCATION OF A JACK BOX OR JACK MOUNTINGS THE BRACE SHOULD BE RELOCATED ON THE SAME LEVEL ONE OR MORE VERTICALS TO THE RIGHT OR LEFT AS REQUIRED. ON SHORT FRAMES OF 6 OR 7 VERTICALS THERE MAY NOT BE ROOM TO RELOCATE THE BRACE IN WHICH CASE IT SHOULD BE DISCARDED.
	X	9. FRAME SUPPORTS TO BE ATTACHED TO HIGH SIDE OF FRAME WHICH SHALL BE LOCATED FARTHEST FROM ASSOCIATED M.O.F.

MANUFACTURING NOTES:
 1. IN STOCKLIST
 5 ITEMS NOT ASSEMBLED SHIPPED LOOSE.
 6 WISC ITEMS REQUIRED FOR INSTALLATION.
 2. DESIGNATION BOARD TO BE FURNISHED ON INSTALLATION AND MADE FROM 1" X 6" WHITE PINE (OR WHITEWOOD).
 3. DESIGNATION BOARD SUPPORTS P-403583 BENT ON INSTALLATION AS REQUIRED TO SUIT ANGLE AT WHICH BOARD IS MOUNTED. ANGLE TO BE APPROXIMATELY 45° TO CONFORM WITH SUPPORTS AS FURNISHED UNLESS OTHERWISE SPECIFIED.
 4. THE 17" B CONNECTING BLOCKS WHEN ORDERED MFR SHALL BE LOCATED AT THE 5TH, 15TH, 25TH ETC. DISC. VERTICALS OR AT THE VERTICALS NEAREST TO THESE WHICH HAVE GUARD RAIL SUPPORTS, UNLESS OTHERWISE SPECIFIED.
 5. TWO #402878 INSULATORS SHALL BE INSTALLED ON EACH TRANSVERSE ARM & CLAMPED UNDER THE FANNING STRIP EXCEPT WHEN I2 TYPE DISG RINGS ARE TO BE INSTALLED PER B.S.P. G61. 175.1.

SHOP	INST	MANUFACTURING NOTES (CONT'D)
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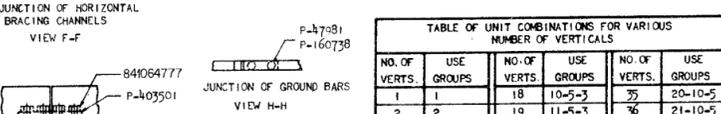
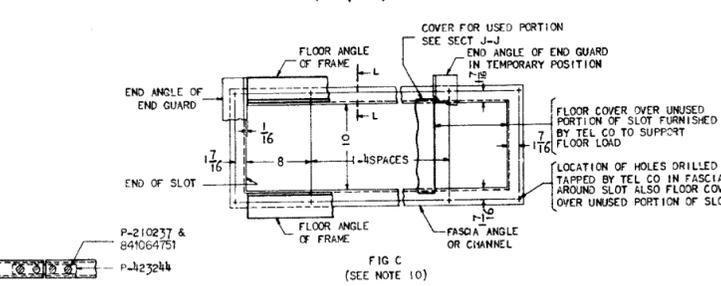


TABLE OF UNIT COMBINATIONS FOR VARIOUS NUMBER OF VERTICALS

NO. OF VERTS.	USE GROUPS	NO. OF VERTS.	USE GROUPS	NO. OF VERTS.	USE GROUPS
1	1	18	10-5-3	35	20-10-5
2	2	19	11-5-3	36	21-10-5
3	3	20	20	37	21-11-5
4	2-2	21	21	38	11-11-5
5	5	22	11-11	39	21-10-5-3
6	3-3	23	21-2	40	20-20
7	5-2	24	21-3	41	21-20
8	5-3	25	20-5	42	21-21
9	3-3-3	26	21-5	43	20-20-3
10	10	27	21-3-3	44	21-20-3
11	11	28	20-5-3	45	20-20-5
12	10-2	29	21-5-3	46	21-20-5
13	10-3	30	20-10	47	21-21-5
14	11-3	31	21-10	48	21-11-5
15	10-5	32	21-11	49	21-20-5-3
16	11-5	33	11-11-11	50	20-20-10
17	11-3-3	34	21-10-3		

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	X	9. FRAME SUPPORTS TO BE ATTACHED TO HIGH SIDE OF FRAME WHICH SHALL BE LOCATED FARTHEST FROM ASSOCIATED M.O.F.

STOCKLIST CONTINUED

QTY	DESCRIPTION	UNIT							
21	20	11	10	5	3	2	1	P-427755	VERTICAL ASSEM
								P-423246	BLANK COVER SECTION
								P-423244	JUNCTION
								P-422978	GUARD RAIL SUPPORT
								P-420038	BAR
								P-408558	BRACE
								P-403673	GUARD RAIL JUNCTION
								P-403584	DESIG BOARD JUNCTION
								P-403583	DESIG BOARD SUPPORT
								P-403501	TOP ANGLE JUNCTION
								P-403500	FLOOR ANGLE JUNCTION
								P-427748	
								P-427747	
								P-427746	
								P-427745	
								P-427744	
								P-427743	
								P-427742	
								P-427741	
								P-427740	
								P-427739	
								P-427738	
								P-427737	
								P-427736	TOP ANGLE
								P-427735	
								P-427734	
								P-427733	
								P-427732	
								P-427731	
								P-427730	
								P-427729	
								P-427728	
								P-427727	GUARD RAIL
								P-427726	
								P-427725	
								P-427724	
								P-427723	
								P-427722	
								P-427721	
								P-427720	
								P-427719	FLOOR ANGLE ASSEM
								P-427718	
								P-427717	
								P-427716	
								P-427715	
								P-403569	
								P-403570	
								P-65504	
								P-65505	GROUND BAR
								P-65506	
								P-65536	
								P-65537	
								P-65538	

STOCKLIST CONTINUED

QTY	DESCRIPTION	UNIT							
21	20	11	10	5	3	2	1	P-427755	VERTICAL ASSEM
								P-423246	BLANK COVER SECTION
								P-423244	JUNCTION
								P-422978	GUARD RAIL SUPPORT
								P-420038	BAR
								P-408558	BRACE
								P-403673	GUARD RAIL JUNCTION
								P-403584	DESIG BOARD JUNCTION
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								P-427741	
								P-427740	
								P-427739	
								P-427738	
								P-427737	
								P-427736	TOP ANGLE
								P-427735	
								P-427734	
								P-427733	
								P-427732	
								P-427731	
								P-427730	
								P-427729	
								P-427728	
								P-427727	GUARD RAIL
								P-427726	
								P-427725	
								P-427724	
								P-427723	
								P-427722	
								P-427721	
								P-427720	
								P-427719	FLOOR ANGLE ASSEM
								P-427718	
								P-427717	
								P-427716	
								P-427715	
								P-403569	
								P-403570	
								P-65504	
								P-65505	GROUND BAR
								P-65506	
								P-65536	
								P-65537	
								P-65538	

STOCKLIST CONTINUED

QTY	DESCRIPTION	UNIT							
21	20	11	10	5	3	2	1	P-427755	VERTICAL ASSEM
								P-423246	BLANK COVER SECTION
								P-423244	JUNCTION
								P-422978	GUARD RAIL SUPPORT
								P-420038	BAR
								P-408558	BRACE
								P-403673	GUARD RAIL JUNCTION
								P-403584	DESIG BOARD JUNCTION
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								P-427740	
								P-427739	
								P-427738	
								P-427737	
								P-427736	TOP ANGLE
								P-427735	
								P-427734	
								P-427733	
								P-427732	
								P-427731	
								P-427730	
								P-427729	
								P-427728	
								P-427727	GUARD RAIL
								P-427726	
								P-427725	
								P-427724	