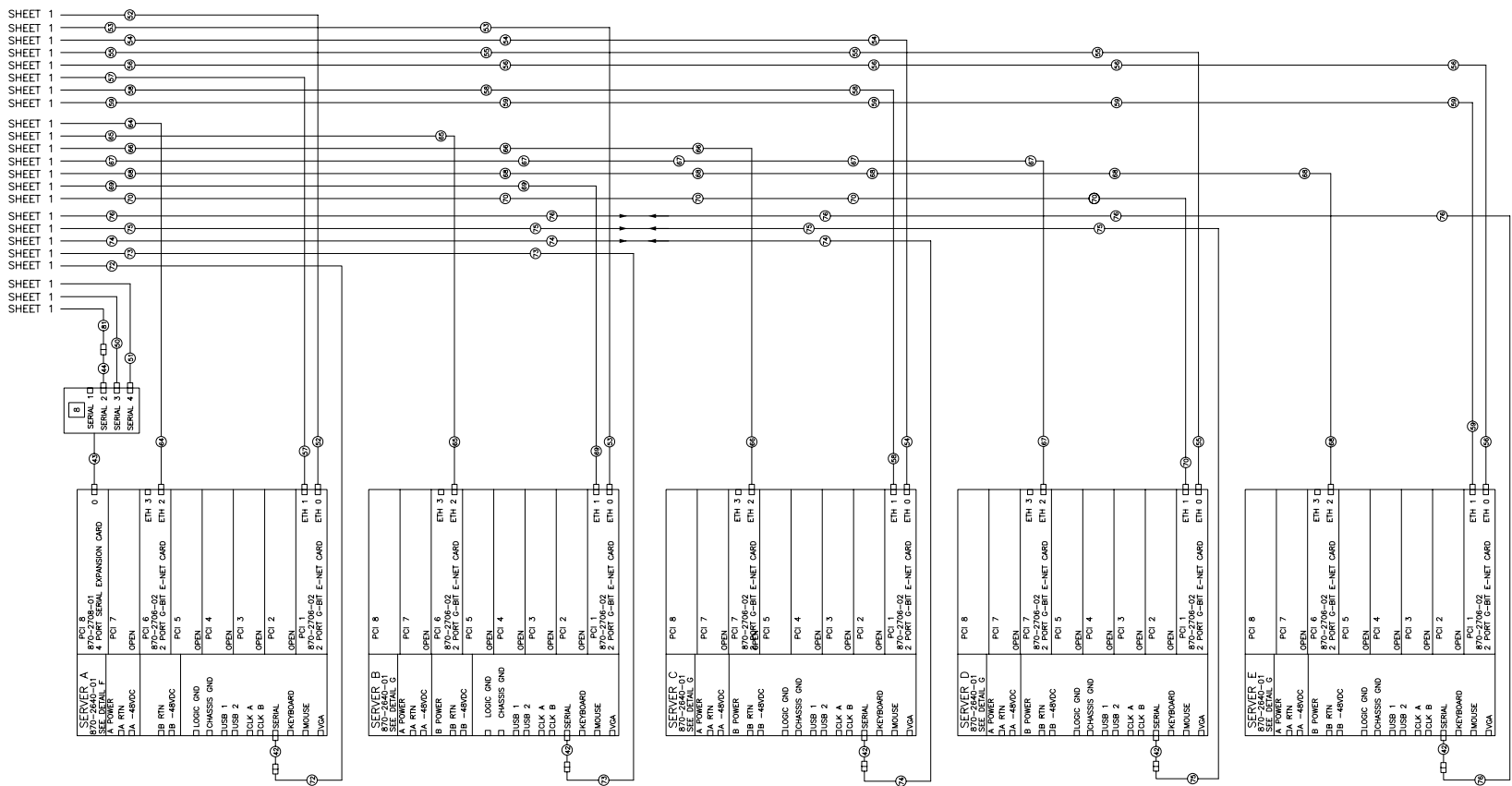




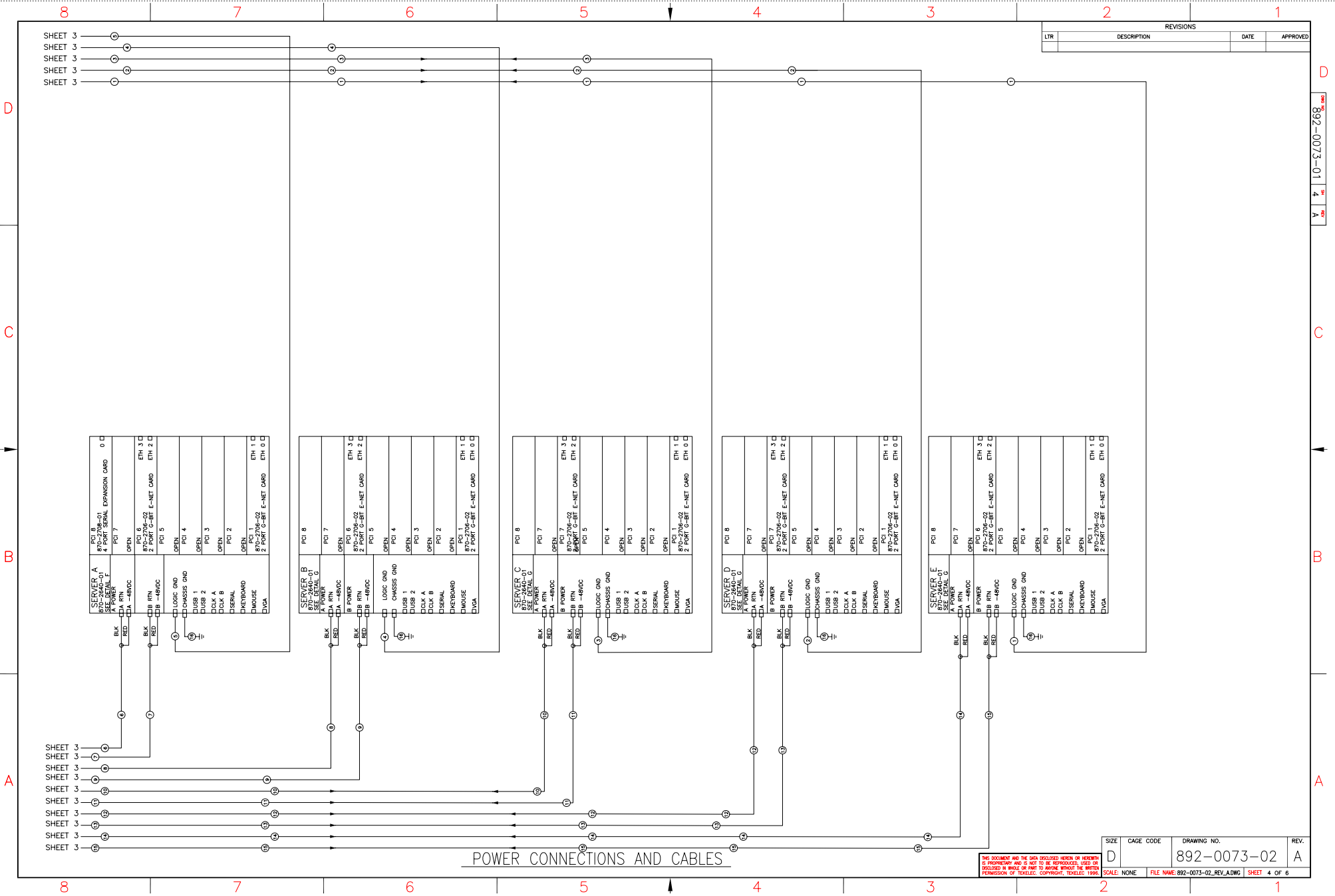
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DATA CONNECTIONS AND CABLES

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892-0073-01 4 A  
 B  
 C  
 D

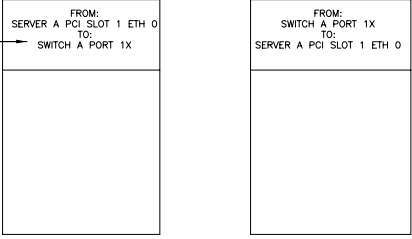
TABLE A - POWER CABLE PART NUMBERS

ITEM NO.	TEKELEC P/N	QTY	LENGTH	RUN LIST AND LABEL INFORMATION FOR FROM AND TO	9	LABEL REQUIRED
1	830-0989-05	1	116.00 INCHES	FROM: LOGIC GND TERM BLK 5 / TO: SERVER 1E LOGIC GND		YES
2	830-0989-04	1	106.00 INCHES	FROM: LOGIC GND TERM BLK 4 / TO: SERVER 1D LOGIC GND		YES
3	830-0989-03	1	99.00 INCHES	FROM: LOGIC GND TERM BLK 3 / TO: SERVER 1C LOGIC GND		YES
4	830-0989-02	1	92.00 INCHES	FROM: LOGIC GND TERM BLK 2 / TO: SERVER 1B LOGIC GND		YES
5	830-0989-01	1	86.00 INCHES	FROM: LOGIC GND TERM BLK 1 / TO: SERVER 1A LOGIC GND		YES
6	830-0988-01	1	96.00 INCHES	FROM: SERVER 1A - A PWR / TO: BP1-2A		YES
7	830-0988-02	1	87.00 INCHES	FROM: SERVER 1A - B PWR / TO: BP2-2B		YES
8	830-0988-03	1	100.00 INCHES	FROM: SERVER 1B - A PWR / TO: BP2-2A		YES
9	830-0988-04	1	97.00 INCHES	FROM: SERVER 1B - B PWR / TO: BP1-2B		YES
10	830-0988-05	1	110.00 INCHES	FROM: SERVER 1C - A PWR / TO: BP1-3A		YES
11	830-0988-06	1	107.00 INCHES	FROM: SERVER 1C - B PWR / TO: BP2-3B		YES
12	830-0988-07	1	114.00 INCHES	FROM: SERVER 1D - A PWR / TO: BP2-3A		YES
13	830-0988-08	1	111.00 INCHES	FROM: SERVER 1D - B PWR / TO: BP1-3B		YES
14	830-0988-09	1	128.00 INCHES	FROM: SERVER 1E - A PWR / TO: BP1-4A		YES
15	830-0988-10	1	119.00 INCHES	FROM: SERVER 1E - B PWR / TO: BP2-4B		YES
16	830-0927-01	5	48.00 INCHES	FROM: FRAME GROUND / TO: SERVER 1A FROM: FRAME GROUND / TO: SERVER 1B FROM: FRAME GROUND / TO: SERVER 1C FROM: FRAME GROUND / TO: SERVER 1D FROM: FRAME GROUND / TO: SERVER 1E		YES
17	830-1013-01	1	41.00 INCHES	FROM: SWITCH B - A PWR / TO: BP1-6A		NO
18	830-1013-04	1	30.00 INCHES	FROM: SWITCH B - B PWR / TO: BP2-6B		NO
19	830-1013-02	1	32.00 INCHES	FROM: SWITCH A - B PWR / TO: BP1-6B		NO
20	830-1013-03	1	37.00 INCHES	FROM: SWITCH A - A PWR / TO: BP2-6A		NO
21	830-0715-03	1	84.00 INCHES	FROM: FRAME GROUND / TO: GROUND WINDOW		NO
22	830-0830-01	2	N/A	FROM: CIRCUIT BREAKER / TO: FRAME GND		NO
23	830-0868-27	1	41.00 INCHES	FROM: CON SERVER A PWR / TO: BP2-7A		YES
24	830-0868-28	1	37.00 INCHES	FROM: CON SERVER B PWR / TO: BP1-7B		YES
25	830-1015-02	1	18.00	FROM: CONSOLE SERVER / TO: FRAME GND		YES
26	NOT USED					
27	NOT USED					
28	NOT USED					
29	NOT USED					
30	NOT USED					
31	NOT USED					
32	CHASSIS GND (FIELD ROUTED)	1	SITE SPECIFIC	SEE TABLE F		FIELD LABEL
33	-48VDC AND 48V RTN (FIELD ROUTED)	8	SITE SPECIFIC	SEE TABLE E		FIELD LABEL
34	LOGIC GROUND	1	SITE SPECIFIC	SEE TABLE D		FIELD LABEL
35	830-1015-01	2	22.00 INCHES	FROM: SWITCH A AND B / TO: FRAME GROUND		YES

TABLE B - DATA CABLE PART NUMBERS

ITEM NO.	TEKELEC P/N	QTY	LENGTH	RUN LIST AND LABEL INFORMATION FOR FROM AND TO	9	LABEL REQUIRED
42	830-1011-01	5	NA	ADAPTER FROM MAIN SERIAL PORTS ON SERVER 1A-1E		NO
43	870-2708-01	1	NA	4 PORT SERIAL CABLE SUPPLIED WITH PCI CARD		NO
44	830-1012-01	1	NA	ADAPTER FROM SERVER 1A, PCI SLOT 8, SERIAL CARD PORT 2		NO
45	NOT USED					
46	NOT USED					
47	830-0660-01	1		RJ11 TO RJ11 PHONE LINE		NO
50	830-0961-01	1	72 INCHES	FROM: BP1 ALARM / TO: SERVER A PCI SLOT 8 SERIAL PORT 3		YES
51	830-0961-01	1	72 INCHES	FROM: BP2 ALARM / TO: SERVER A PCI SLOT 8 SERIAL PORT 4		YES
52	830-0724-06	1	6 FT	FROM: SWITCH A PORT 1X / TO: SERVER A PCI SLOT 1 ETH 0		YES
53	830-0724-07	1	7 FT	FROM: SWITCH A PORT 2X / TO: SERVER B PCI SLOT 1 ETH 0		YES
54	830-0724-67	1	8 FT	FROM: SWITCH A PORT 3X / TO: SERVER C PCI SLOT 1 ETH 0		YES
55	830-0724-67	1	8 FT	FROM: SWITCH A PORT 4X / TO: SERVER D PCI SLOT 1 ETH 0		YES
56	830-0724-02	1	10 FT	FROM: SWITCH A PORT 5X / TO: SERVER E PCI SLOT 1 ETH 0		YES
57	830-0724-06	1	6 FT	FROM: SWITCH A PORT 13X / TO: SERVER A PCI SLOT 1 ETH 1		YES
58	830-0724-67	1	8 FT	FROM: SWITCH A PORT 14X / TO: SERVER C PCI SLOT 1 ETH 1		YES
59	830-0724-02	1	10 FT	FROM: SWITCH A PORT 15X / TO: SERVER E PCI SLOT 1 ETH 1		YES
60	830-0724-65	1	3 FT	FROM: SWITCH A PORT 18X / TO: CONSOLE SERVER ETH PORT		YES
61	830-0723-01	1	1 FT	FROM: SWITCH A PORT 21X / TO: SWITCH B PORT 21		YES
62	830-0723-01	1	1 FT	FROM: SWITCH A PORT 22X / TO: SWITCH B PORT 22		YES
63	NOT USED					
64	830-0724-06	1	6 FT	FROM: SWITCH B PORT 1X / TO: SERVER A PCI SLOT 6 ETH 2		YES
65	830-0724-07	1	7 FT	FROM: SWITCH B PORT 2X / TO: SERVER B PCI SLOT 6 ETH 2		YES
66	830-0724-67	1	8 FT	FROM: SWITCH B PORT 3X / TO: SERVER C PCI SLOT 6 ETH 2		YES
67	830-0724-67	1	8 FT	FROM: SWITCH B PORT 4X / TO: SERVER D PCI SLOT 6 ETH 2		YES
68	830-0724-02	1	10 FT	FROM: SWITCH B PORT 5X / TO: SERVER E PCI SLOT 6 ETH 2		YES
69	830-0724-07	1	6 FT	FROM: SWITCH B PORT 13X / TO: SERVER B PCI SLOT 1 ETH 1		YES
70	830-0724-67	1	8 FT	FROM: SWITCH B PORT 14X / TO: SERVER D PCI SLOT 1 ETH 1		YES
71	NOT USED					
72	830-1005-06	1	6 FT	FROM: CONSOLE SERVER PORT 1X / TO: SERVER A MAIN SERIAL PORT		YES
73	830-1005-06	1	6 FT	FROM: CONSOLE SERVER PORT 2X / TO: SERVER B MAIN SERIAL PORT		YES
74	830-1005-07	1	7 FT	FROM: CONSOLE SERVER PORT 3X / TO: SERVER C MAIN SERIAL PORT		YES
75	830-1005-08	1	8 FT	FROM: CONSOLE SERVER PORT 4X / TO: SERVER D MAIN SERIAL PORT		YES
76	830-1005-08	1	8 FT	FROM: CONSOLE SERVER PORT 5X / TO: SERVER E MAIN SERIAL PORT		YES
77	NOT USED					
78	NOT USED					
79	830-0990-03	1	3 FT	FROM: CONSOLE SERVER PORT 6X / TO: SWITCH A CONSOLE PORT		YES
80	830-0990-03	1	3 FT	FROM: CONSOLE SERVER PORT 7X / TO: SWITCH B CONSOLE PORT		YES
81	830-0990-03	1	3 FT	FROM: CONSOLE SERVER DIAG PORT / TO: SERVER A PCI SLOT 8 SERIAL PORT 2		YES
82	830-0724-XX	2	SITE SPECIFIC	TO CUSTOMER NETWORK - RJ45 STRAIGHT THRU		FIELD LABEL
83	830-0978-XX	AR	SITE SPECIFIC	SWITCH A AND B PORTS 6X - 12X TO EAGLE		FIELD LABEL
84	830-0724-XX	4	SITE SPECIFIC	SWITCH A AND B PORTS 19X AND 20X TO FIRST FRAME		FIELD LABEL
85	CUSTOMER SUPPLIED	2	SITE SPECIFIC	TO CUSTOMERS SWITCH		FIELD LABEL

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DETAIL K 9  
CABLE LABEL EXAMPLE USING CABLE ITEM NO. 38

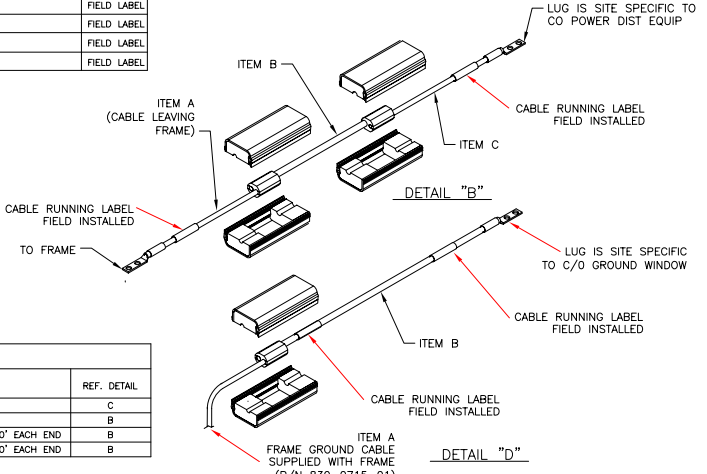
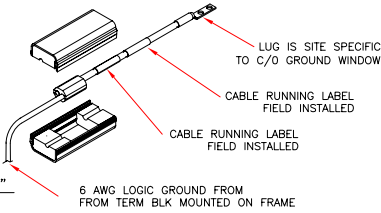
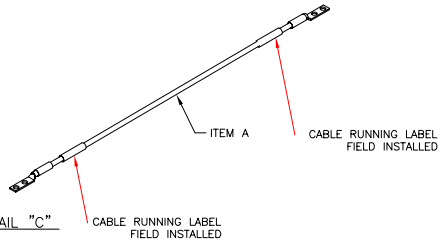


TABLE D - LOGIC GROUND CABLING

DISTANCE	PRIMARY CABLE PART NUMBER	CABLE AWG	TERMINAL LUG P/N	HEAT SHRINK PART NUMBER	COMMENT	REF. DETAIL
0' - 40'	690-0131-01	6	502-0085-01	804-0228-01	CABLE LENGTH IS SITE-SPECIFIC	C
40' - 160'	690-0108-07	1/0	804-0977-01	804-0229-01	CABLE LENGTH IS SITE-SPECIFIC	A

TABLE E - 48VDC & 48VRTN CABLING COMPONENTS

DISTANCE	ITEM A			ITEM B			ITEM C		COMMENT	REF. DETAIL	
	CABLE P/N	CABLE AWG	TERMINAL LUG P/N	CABLE P/N	CABLE AWG	CABLE CONSTRUCTION	HALF TAP SPLICE P/N	HTAP SOFT COVER P/N			
0' - 40'	690-0108-01	6	502-0085-01	804-0228-01	N/A	N/A	NONE REQUIRED	NONE REQUIRED	CABLE LENGTH IS SITE-SPECIFIC	C	
40' - 65'	690-0108-01	6	502-0085-01	804-0228-01	690-0108-04	4	SITE SPECIFIC	T&B 63125	T&B HTC40	CABLE LENGTH IS SITE-SPECIFIC	B
65' - 100'	690-0108-01	6	502-0085-01	804-0228-01	690-0108-06	2	SITE SPECIFIC	T&B 63125	T&B HTC40	CABLE LENGTH IS SITE-SPECIFIC, HTAPPED STUBS <= 10" EACH END	B
100' - 160'	690-0108-01	6	502-0085-01	804-0228-01	690-0108-03	1/0	SITE SPECIFIC	T&B 63125	T&B HTC40	CABLE LENGTH IS SITE-SPECIFIC, HTAPPED STUBS <= 10" EACH END	B

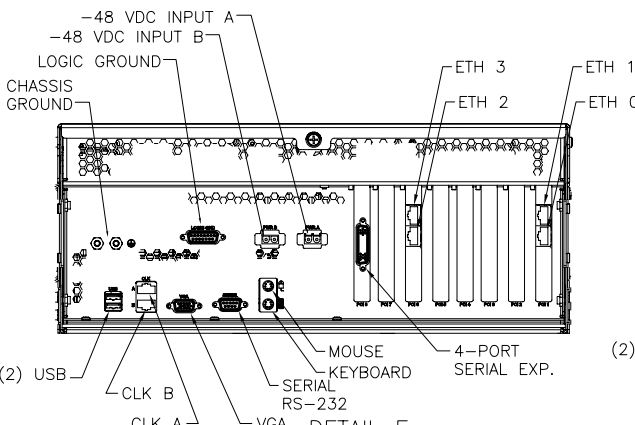
TABLE F - SYSTEM FRAME GROUND CABLING

DISTANCE	CABLE P/N	CABLE AWG	ITEM A (830-0715-01 SUPPLIED WITH FRAME)		ITEM B		HTAP (A TO B CONNECTION)		COMMENT	REF. DETAIL
			TERMINAL LUG P/N	HEAT SHRINK P/N	CABLE P/N	CABLE AWG	H TAP P/N	P/N		
0' - 40'	690-0131-01	6	502-0085-01	804-0228-01	690-0131-01	6	804-0865-01	804-0865-01	CABLE LENGTH IS SITE-SPECIFIC	D
40' - 160'	690-0108-01	6	502-0085-01	804-0228-01	690-0108-07	1/0	804-0865-01	804-0865-01	CABLE LENGTH IS SITE-SPECIFIC	D

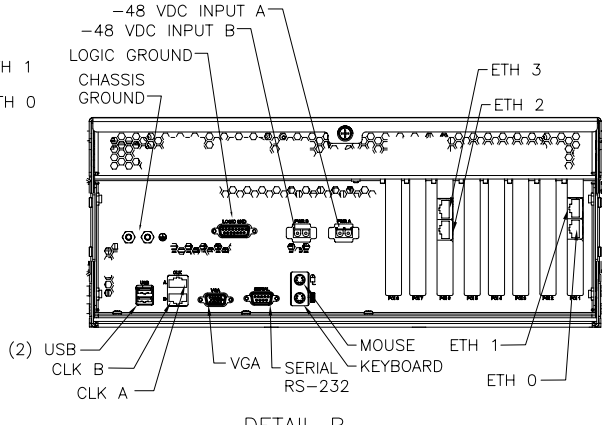
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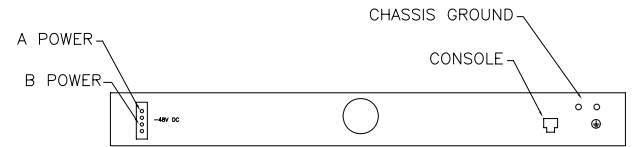
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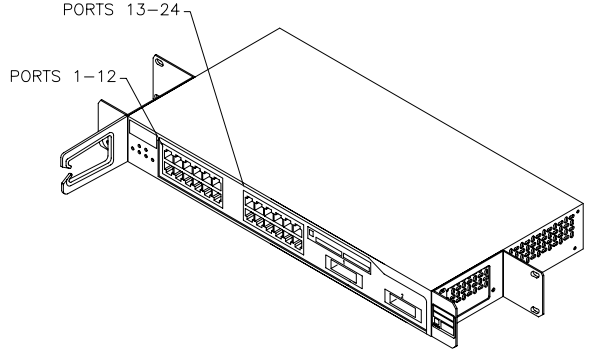
**DETAIL F**  
 SERVER A REAR VIEW  
 870-2640-01 W/ PCI CARDS:  
 SLOT 1 -870-2706-02  
 SLOT 6 -870-2706-02  
 SLOT 8 -870-2708-01



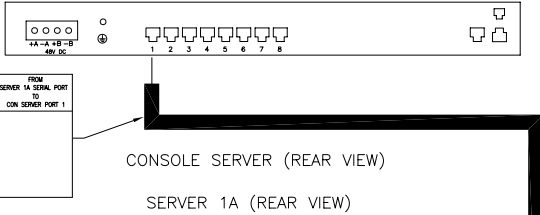
**DETAIL B**  
 SERVER 1B - 1E (REAR VIEW)  
 870-2640-01 W/ PCI CARDS:  
 SLOT 1 -870-2706-02  
 SLOT 6 -870-2706-02



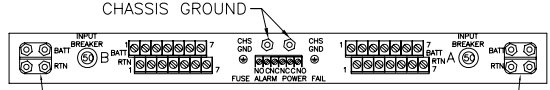
**DETAIL J**  
 REAR VIEW-SWITCH  
 870-2758-01



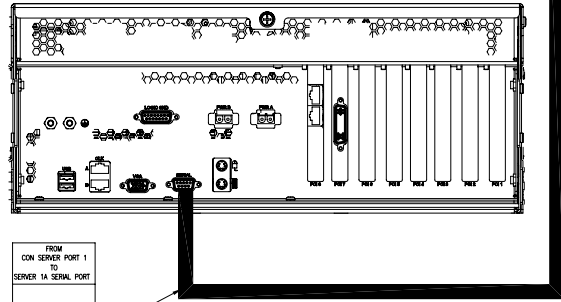
**DETAIL M**  
 ISO VIEW OF THE FRONT-SWITCH  
 870-2758-01



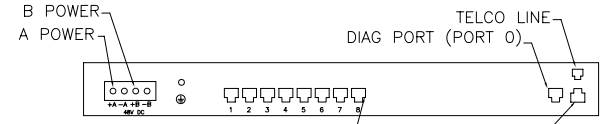
CONSOLE SERVER (REAR VIEW)  
 SERVER 1A (REAR VIEW)



**DETAIL E**  
 CIRCUIT BREAKER (REAR VIEW)  
 870-2248-10



**DETAIL L**  
 CABLE LABEL PLACEMENT DETAIL  
 TYPICAL FOR ALL CABLES  
 INDICATED IN TABLES A AND B  
 USING CABLE ITEM NO. 38



**DETAIL H**  
 REAR VIEW- CONSOLE SERVER  
 870-2742-01

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