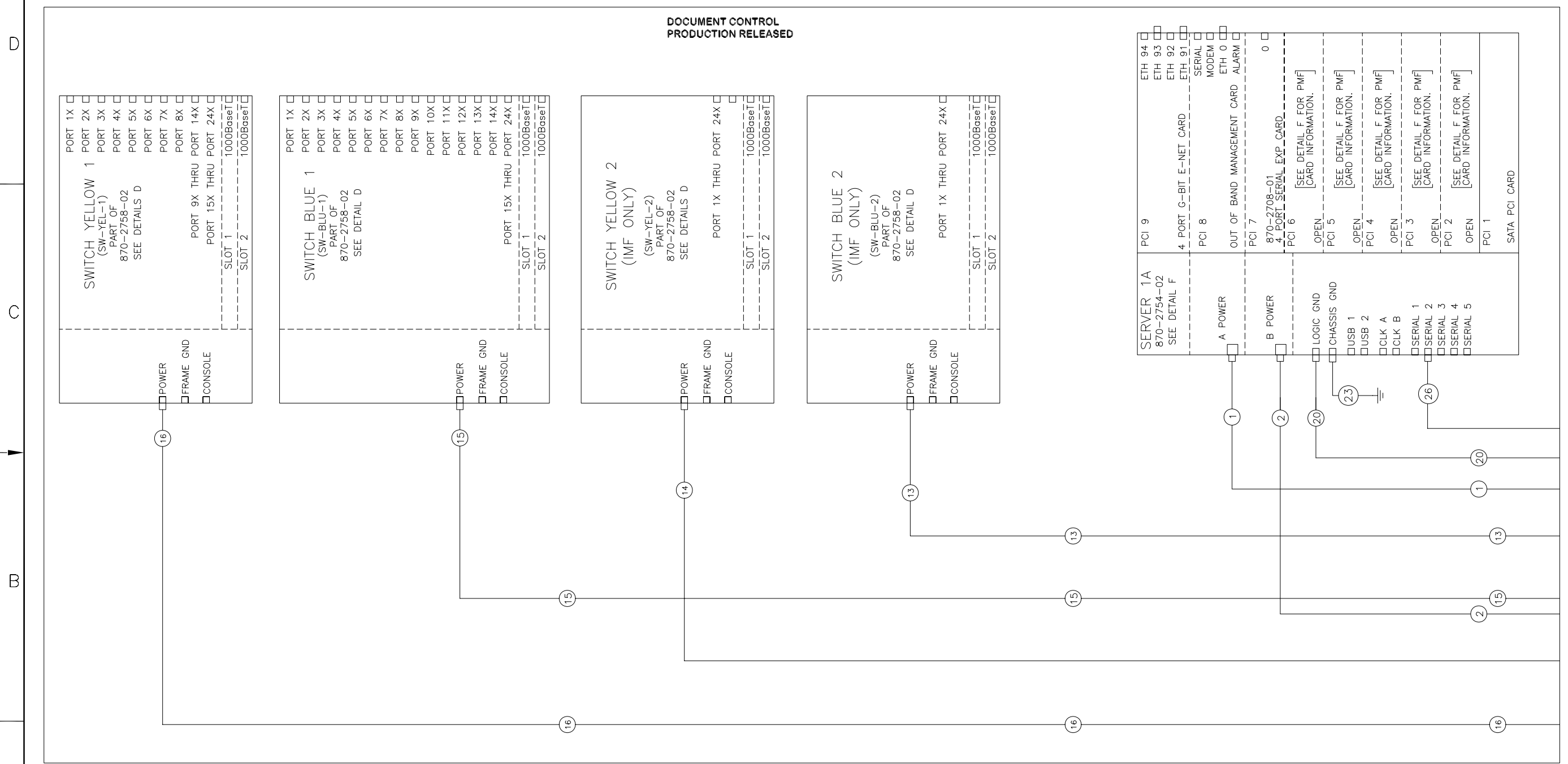


NOTES: UNLESS OTHERWISE SPECIFIED  
(SEE SHEET 6 FOR NOTES)

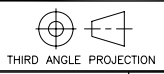
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REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER ECN#15813	04/10/06	M.BRYAN

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POWER CONNECTIONS AND CABLES

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DIMENSIONS ARE IN INCHES.  
INTERPRET DIMENSIONS IN ACCORDANCE  
WITH ASME Y14.5M-1994.  
DRAWING TO CONFORM TO TEKELEC  
SPECIFICATION 907-0169-01.  
DEBURR AND BREAK SHARP EDGES  
AND CORNERS .005-.015.  
MACHINED SURFACE FINISH <sup>125</sup>  
DECIMAL TOLERANCES:  
.XX+/-0.03 .XXX+/-0.010  
ANGLE TOLERANCE: ± 1°



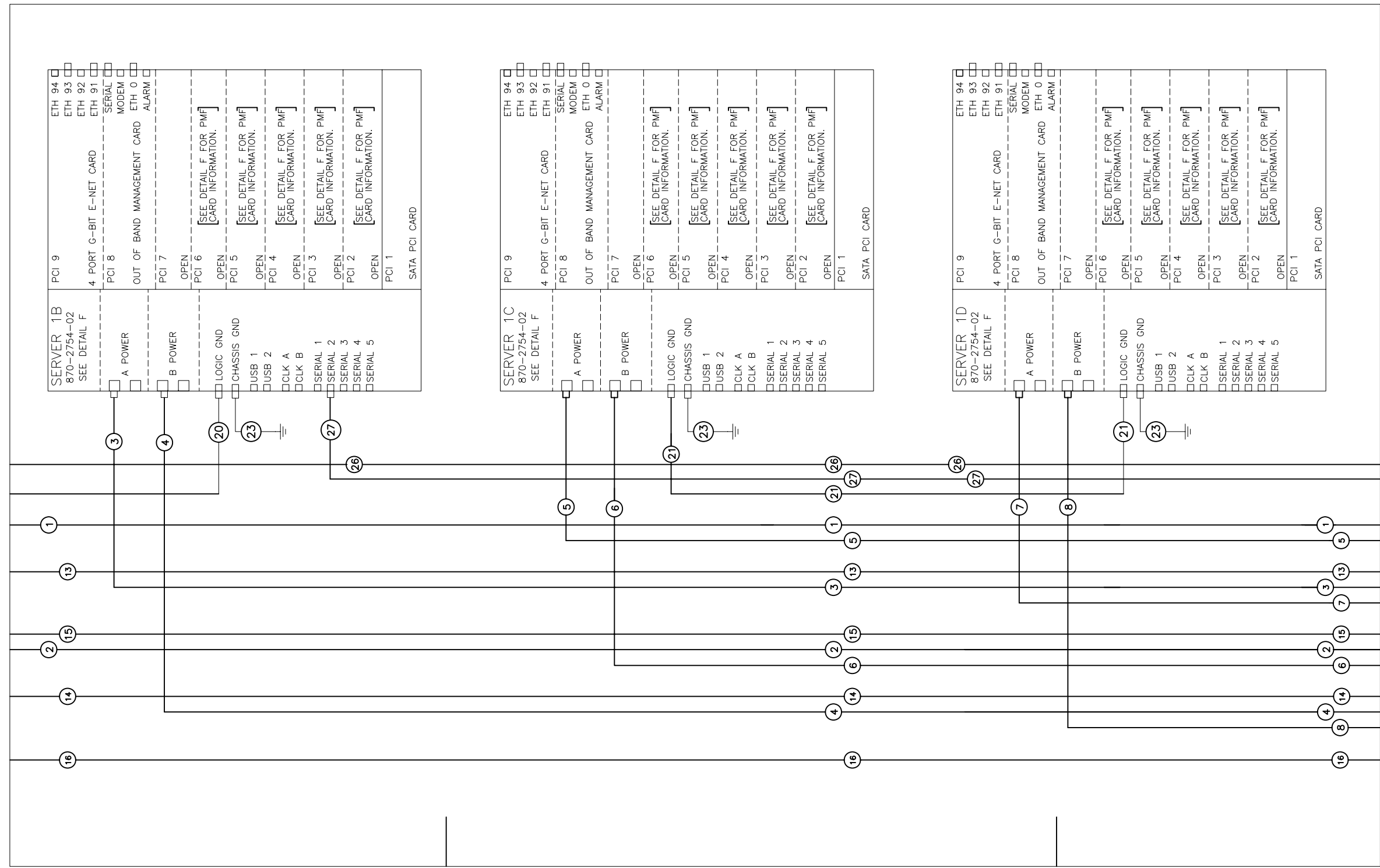
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APPROVALS	DATE
DRAWN BY H.HASTINGS	1/30/06
CHECKED M.BRYAN	3/20/06
APPROVED M.BRYAN	3/20/06
APPLICATION	MATERIAL
FINISH	

**TEKELEC** 5200 Paramount Parkway  
Morrisville, NC 27560 USA

INTERCONNECT DIAGRAM\_  
SYSTEM\_IMF/PMF\_  
AC FRAME ASSY

SIZE	DIVISION	DRAWING NO.	REV.
D	CSSG	892-0071-01	A
SCALE: NONE	FILE NAME:	SHEET 1 OF 8	

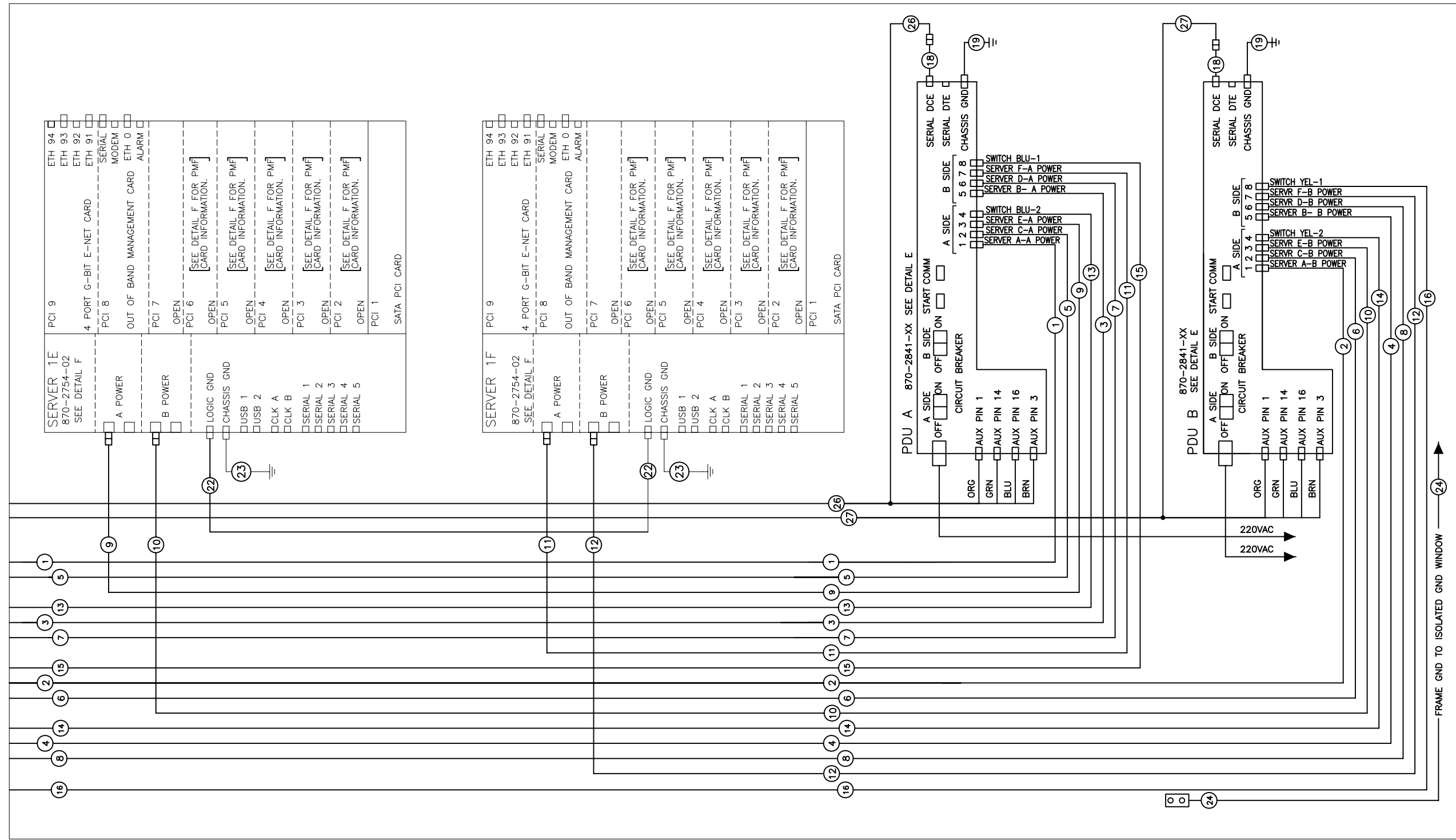
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POWER CONNECTIONS AND CABLES

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POWER CONNECTIONS AND CABLES

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892-0071-01

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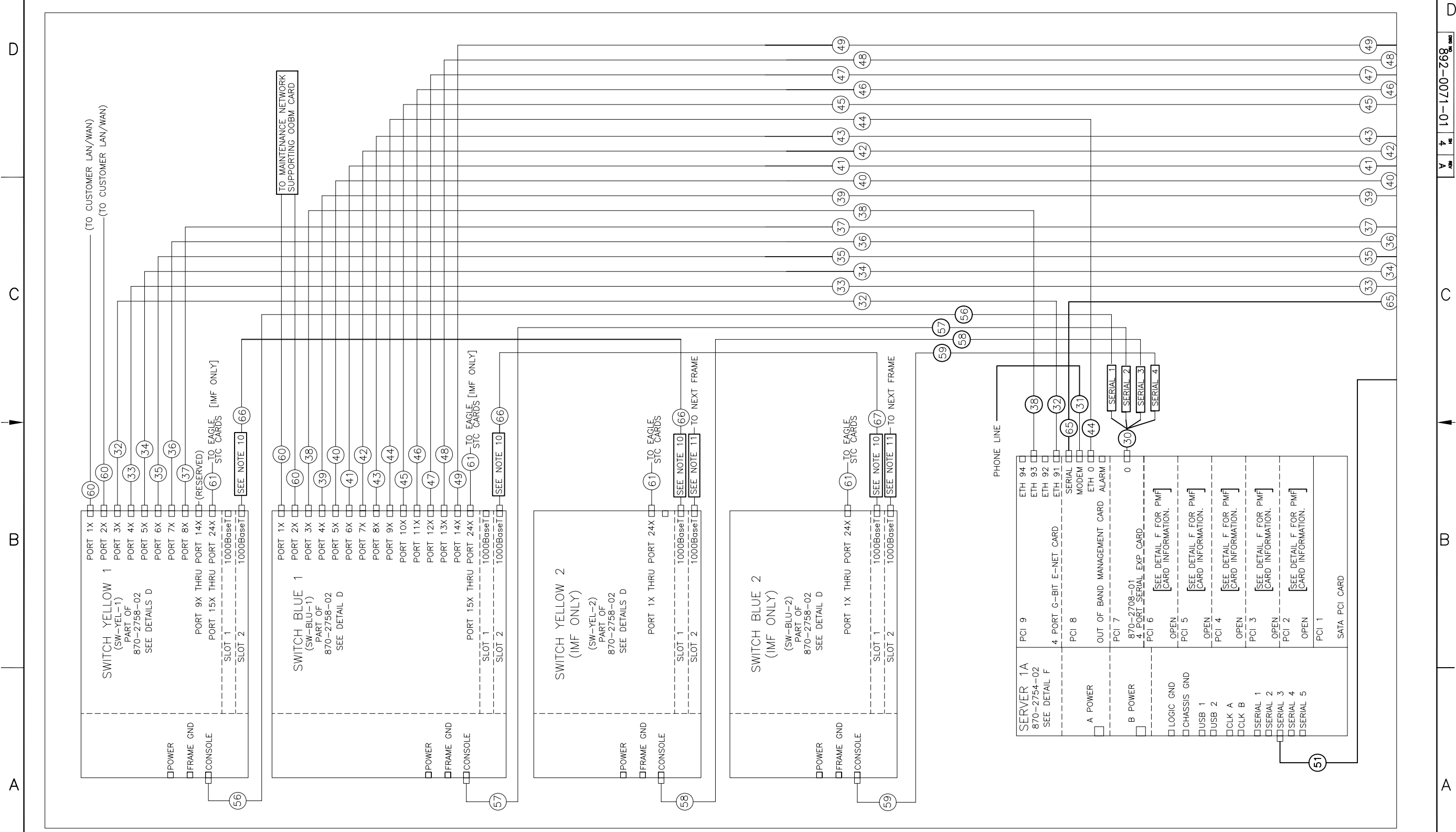
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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

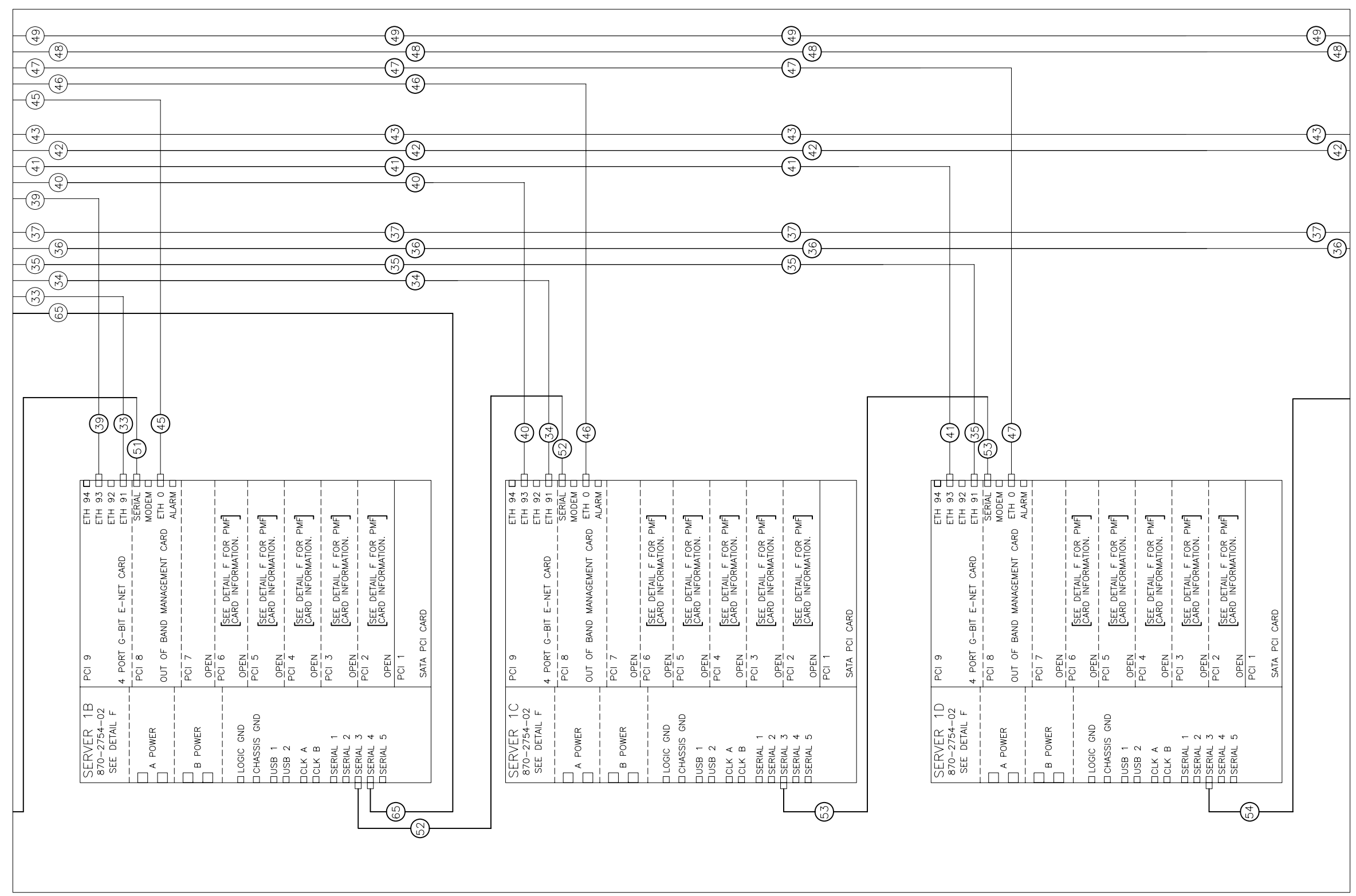


DATA CONNECTIONS AND CABLES

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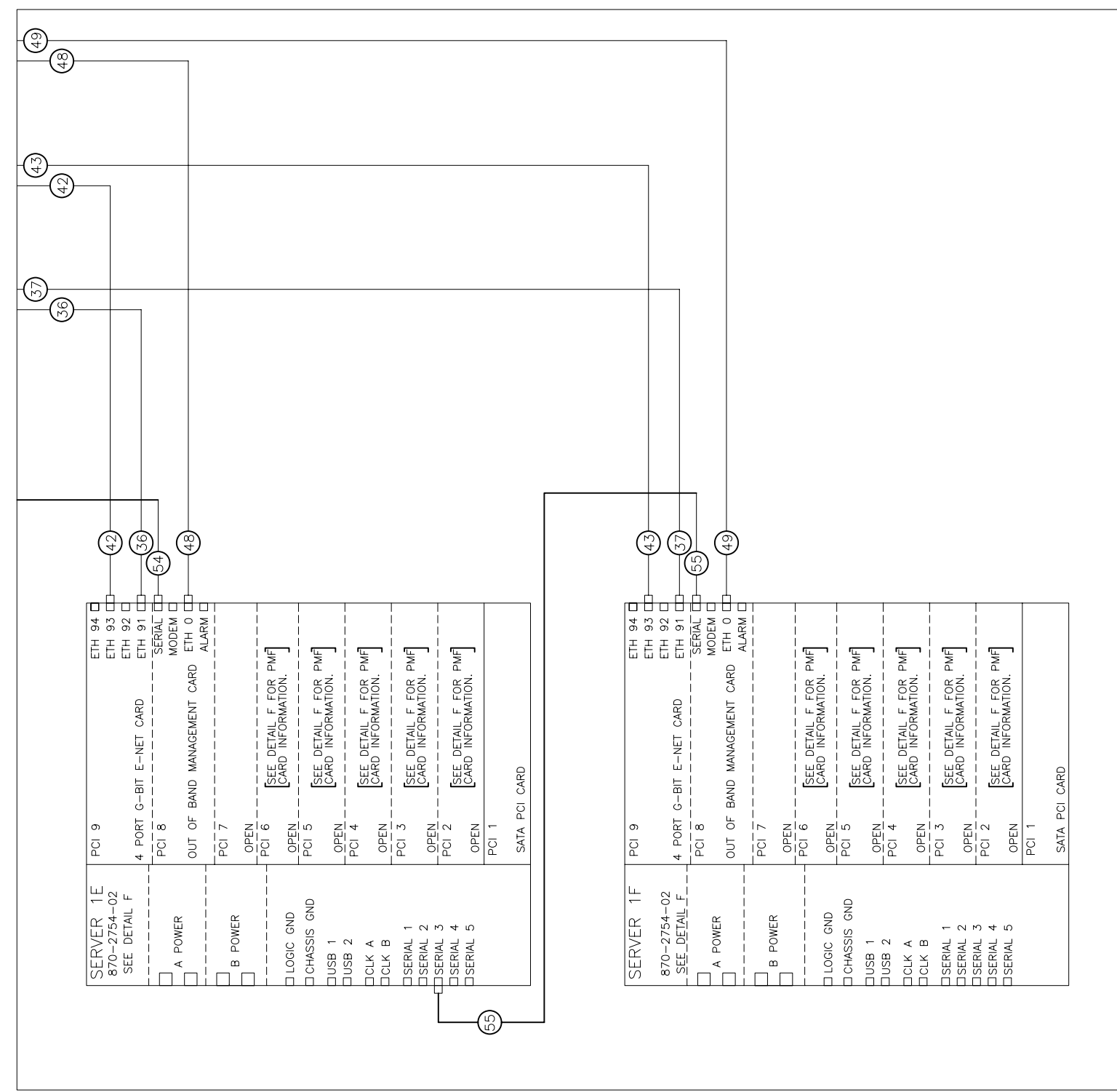
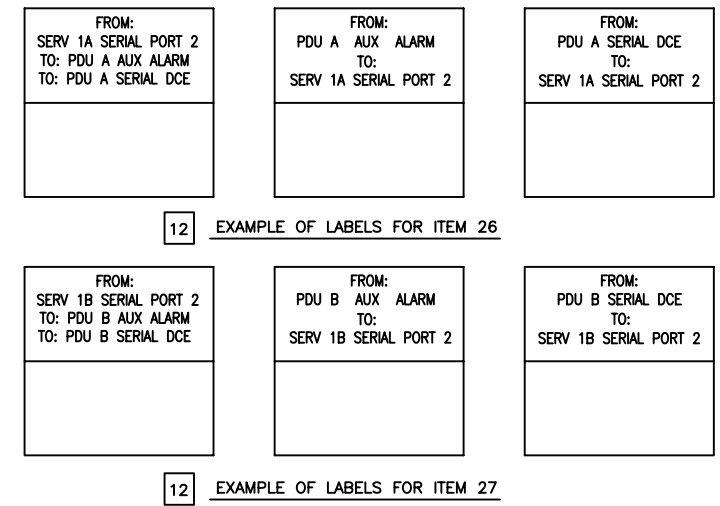
SIZE	CAGE CODE	DRAWING NO.	REV.
D		892-0071-01	A
SCALE: NONE	FILE NAME:	SHEET 5 OF 8	

892-0071-01 5 REV. 5

8 7 6 5 4 3 2 1

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- 1) INSTALL ALL CABLE ASSEMBLIES WITH DRESSED BEND RADII IN ACCORDANCE WITH TEKELEC CABLE BEND RADIUS SPECIFICATION 906-0020-01.
- 2) ALL INTERCONNECTION POINTS SHALL BE STRAIN RELIEVED BY POSITIVE MECHANICAL FEATURES OR FASTENERS FOR LENGTH CONFIGURATIONS.
- 3) THIS DIAGRAM AND ALL PART NUMBERS SHOWN ARE FOR REFERENCE ONLY. REFERENCE CABLE PART NUMBERS WITH XX FOR THE DASH NUMBER ARE LENGTHS THAT ARE SITE SPECIFIC.
- 4) NO ADDITIONS, DELETIONS, SUBSTITUTIONS OR MODIFICATIONS WITHOUT PRIOR WRITTEN TEKELEC APPROVAL.
- 5) SEE TEKELEC P/N 820-4844-01 FOR CURRENT LIST HARDWARE.
- 6) USE LABEL PN 617-0009-01 TO MAKE LABEL SET FOR "FROM" AND "TO" ON CABLES AS INDICATED IN THE CABLE TABLES AND/OR THE APPLICATION TR. EACH CABLE INDICATED WILL REQUIRE A MIN OF 2 LABELS AS SHOWN IN DETAIL "A." PERMANENTLY PRINT LABELS WITH .09 HIGH BLACK CHARACTERS. CENTER TEXT APPROXIMATELY AS SHOWN. MAX 23 CHARACTERS PER LINE. SEE DETAIL "B" FOR PLACEMENT OF LABELS ON CABLES. CABLES IDENTIFIED AS FIELD LABEL WILL BE LABELED AT INSTALLATION.
- 7) THIS IS A CONFIGURABLE SYSTEM. THE SALES ORDER WILL SPECIFY THE PART NUMBERS AND QUANTITIES. THIS DIAGRAM SHOWS THE MAXIMUM CONFIGURATION.
- 8) THE SECOND IMF FRAME DOES NOT CONNECT TO THE CUSTOMERS NETWORK. THE ONLY CONNECTION TO THE CUSTOMERS NETWORK WILL BE THROUGH FRAME ONE. (SEE SHEET 7, DIAGRAM C).
- 9) NOT USED.
- 10) (FROM SHEET 4) PART OF EXPANSION SWITCH KIT 840-0166-01. (BASE FRAME ONLY HAS 2 SWITCHES).
- 11) (FROM SHEET 4) NEXT FRAME REQUIRES 840-0165-01 SECOND FRAME KIT. (SEE DIAGRAM "A").
- 12) USE 3 LABELS P/N 617-0009-01 TO LABEL CABLE ITEMS 26 AND 27. (SEE EXAMPLES BELOW).



DATA CONNECTIONS AND CABLES

8 7 6 5 4 3 2 1

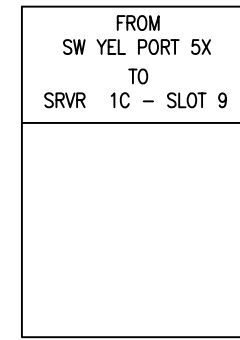
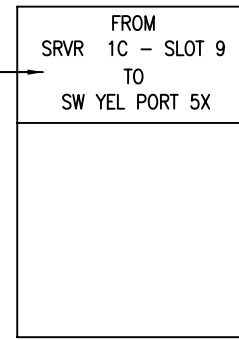
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D  
REV 892-0071-01  
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A

TABLE B - DATA CABLE PART NUMBERS					
ITEM NO.	TEKELEC P/N	QUANTITY	LENGTH (FT)	RUN LIST AND LABEL INFORMATION FOR FROM AND TO	LABEL REQUIRED
30	870-2708-01	1	3.00	4 PORT SERIAL CABLE SUPPLIED WITH PCI CARD. (HDB-44 TO 4 DB-9)	NO
31	830-0880-01	1	25.00	RJ11 TO RJ11 PHONE LINE	NO
32	830-0888-03	1	6.00	FROM SERVER 1A SLOT 9 ETH 91/TO SW YEL PORT 3X	YES
33	830-0888-05	1	7.00	FROM SERVER 1B SLOT 9 ETH 91/TO SW YEL PORT 4X	YES
34	830-0888-06	1	8.00	FROM SERVER 1C SLOT 9 ETH 91/TO SW YEL PORT 5X	YES
35	830-0888-06	1	8.00	FROM SERVER 1D SLOT 9 ETH 91/TO SW YEL PORT 6X	YES
36	830-0888-07	1	10.00	FROM SERVER 1E SLOT 9 ETH 91/TO SW YEL PORT 7X	YES
37	830-0888-07	1	10.00	FROM SERVER 1F SLOT 9 ETH 91/TO SW YEL PORT 8X	YES
38	830-0889-03	1	6.00	FROM SERVER 1A SLOT 9 ETH 93/TO SW BLU PORT 3X	YES
39	830-0889-05	1	7.00	FROM SERVER 1B SLOT 9 ETH 93/TO SW BLU PORT 4X	YES
40	830-0889-06	1	6.00	FROM SERVER 1C SLOT 9 ETH 93/TO SW BLU PORT 5X	YES
41	830-0889-06	1	6.00	FROM SERVER 1D SLOT 9 ETH 93/TO SW BLU PORT 6X	YES
42	830-0889-07	1	10.00	FROM SERVER 1E SLOT 9 ETH 93/TO SW BLU PORT 7X	YES
43	830-0889-07	1	10.00	FROM SERVER 1F SLOT 9 ETH 93/TO SW BLU PORT 8X	YES
44	830-0724-06	1	6.00	FROM SERVER 1A SLOT 8 ETH 0/TO SW BLU PORT 9X	YES
45	830-0724-07	1	7.00	FROM SERVER 1B SLOT 8 ETH 0/TO SW BLU PORT 10X	YES
46	830-0724-67	1	8.00	FROM SERVER 1C SLOT 8 ETH 0/TO SW BLU PORT 11X	YES
47	830-0724-67	1	8.00	FROM SERVER 1D SLOT 8 ETH 0/TO SW BLU PORT 12X	YES
48	830-0724-02	1	10.00	FROM SERVER 1E SLOT 8 ETH 0/TO SW BLU PORT 13X	YES
49	830-0724-02	1	10.00	FROM SERVER 1F SLOT 8 ETH 0/TO SW BLU PORT 14X	YES
50	NOT USED				
51	830-1074-06	1	6.00	FROM SERVER 1A SERIAL 3 / TO SERVER 1B OOBM SERIAL	YES
52	830-1074-06	1	6.00	FROM SERVER 1B SERIAL 3 / TO SERVER 1C OOBM SERIAL	YES
53	830-1074-06	1	6.00	FROM SERVER 1C SERIAL 3 / TO SERVER 1D OOBM SERIAL	YES
54	830-1074-06	1	6.00	FROM SERVER 1D SERIAL 3 / TO SERVER 1E OOBM SERIAL	YES
55	830-1074-06	1	6.00	FROM SERVER 1E SERIAL 3 / TO SERVER 1F OOBM SERIAL	YES
56	830-1092-01	1	3.00	FROM SWITCH YEL 1-1 CONSOLE / TO SERVER 1A SLOT 7 SERIAL PORT 1	YES
57	830-1092-01	1	3.00	FROM SWITCH BLU 1-1 CONSOLE / TO SERVER 1A SLOT 7 SERIAL PORT 2	YES
58	830-1092-01	1	3.00	FROM SWITCH YEL 2-1 CONSOLE / TO SERVER 1A SLOT 7 SERIAL PORT 3	YES
59	830-1092-01	1	3.00	FROM SWITCH BLU 2-1 CONSOLE / TO SERVER 1A SLOT 7 SERIAL PORT 4	YES
60	CUSTOMER SUPPLIED	4	SITE SPECIFIC	TO CUSTOMER NETWORK-RJ45 STRAIGHT THRU OR CROSS-OVER	FIELD LABEL
61	830-0788-XX	AR	SITE SPECIFIC	YEL-1 AND BLU-1 SWITCHES PORTS 15X-24X TO EAGLE (PMF SYSTEMS) YEL-2 AND BLU-2 SWITCHES PORTS 1X-24X TO EAGLE (PMF SYSTEMS)	FIELD LABEL
62	830-0724-XX	2	SITE SPECIFIC	YELLOW AND BLUE SWITCHES EXTENSION FRAME 1000 BASE T	FIELD LABEL
63	NOT USED				
64	NOT USED				
65	830-1074-06	1	6.00	FROM SERVER 1B SERIAL 4 / TO SERVER 1A OOBM SERIAL	YES
66	830-0724-05	1	1.00	FROM SWITCH YEL 1 SLOT 2 GIG MODULE / TO SWITCH YEL 2 SLOT 1 GIG MODULE	YES
67	830-0724-05	1	1.00	FROM SWITCH BLU 1 SLOT 2 GIG MODULE / TO SWITCH BLU 2 SLOT 1 GIG MODULE	YES

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EXAMPLE OF TEXT SHOWN IN TABLES

EXAMPLE WITH TEXT REVERSED FROM FIRST LABEL

DETAIL A [6]  
CABLE LABEL EXAMPLE USING CABLE ITEM NO. 34

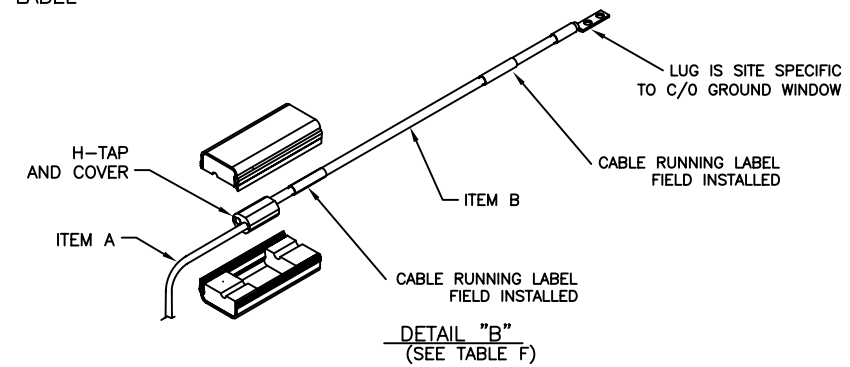


TABLE A - POWER CABLE PART NUMBERS					
ITEM NO.	TEKELEC P/N	QTY	LENGTH	RUN LIST AND LABEL INFORMATION FOR FROM AND TO	LABEL REQUIRED
1	830-1903-01	1	96.00 INCHES	FROM: SERVER A - A POWER / TO: PDU A POS 1	YES
2	830-1903-01	1	96.00 INCHES	FROM: SERVER A - B POWER / TO: PDU B POS 1	YES
3	830-1903-01	1	96.00 INCHES	FROM: SERVER B - A POWER / TO: PDU A POS 5	YES
4	830-1903-01	1	96.00 INCHES	FROM: SERVER B - B POWER / TO: PDU B POS 5	YES
5	830-1903-01	1	96.00 INCHES	FROM: SERVER C - A POWER / TO: PDU A POS 2	YES
6	830-1903-01	1	96.00 INCHES	FROM: SERVER C - B POWER / TO: PDU B POS 2	YES
7	830-1903-01	1	96.00 INCHES	FROM: SERVER D - A POWER / TO: PDU A POS 6	YES
8	830-1903-01	1	96.00 INCHES	FROM: SERVER D - B POWER / TO: PDU B POS 6	YES
9	830-1903-01	1	96.00 INCHES	FROM: SERVER E - A POWER / TO: PDU A POS 3	YES
10	830-1903-01	1	96.00 INCHES	FROM: SERVER E - B POWER / TO: PDU B POS 3	YES
11	830-1903-01	1	96.00 INCHES	FROM: SERVER F - A POWER / TO: PDU A POS 7	YES
12	830-1903-01	1	96.00 INCHES	FROM: SERVER F - B POWER / TO: PDU B POS 7	YES
13	830-1903-01	1	96.00 INCHES	FROM: SW BLU-2 / TO: PDU A POS 4	YES
14	830-1903-01	1	96.00 INCHES	FROM: SW YEL-2 / TO: PDU B POS 4	YES
15	830-1903-01	1	96.00 INCHES	FROM: SW BLU-1 / TO: PDU A POS 8	YES
16	830-1903-01	1	96.00 INCHES	FROM: SW YEL-1 / TO: PDU B POS 8	YES
17	NOT USED				
18	804-1929-01	2	NA	OPTO-ISOLATOR DB9M-DB9F PDU A SERIAL DCE OPTO-ISOLATOR DB9M-DB9F PDU B SERIAL DCE	NO NO
19	830-0822-01	2	18.00 INCHES	FROM: PDU CHASSIS / TO: FRAME GND	YES
20	830-1075-01	1	96.00 INCHES	FROM: SERVER A LOGIC GND / TO: SERVER B LOGIC GND	YES
21	830-1075-01	1	96.00 INCHES	FROM: SERVER C LOGIC GND / TO: SERVER D LOGIC GND	YES
22	830-1075-01	1	96.00 INCHES	FROM: SERVER E LOGIC GND / TO: SERVER F LOGIC GND	YES
23	830-0927-01	6	24.00 INCHES	FROM: SERVER CHASSIS GND / TO: FRAME	YES
24	830-0715-03	1	84.00 INCHES	FROM: FRAME GROUND FROM: ENCLOSURE TO: ISOLATED GROUND WINDOW	YES
26	830-1076-01	1	121.00 INCHES	FROM: SERVER A SERIAL 2 / TO: PDU A AUX ALARMS FROM: SERVER A SERIAL 2 / TO: PDU A SERIAL DCE	YES YES
27	830-1076-02	1	133.00 INCHES	FROM: SERVER B SERIAL 2 / TO: PDU B AUX ALARMS FROM: SERVER B SERIAL 2 / TO: PDU B SERIAL DCE	YES YES

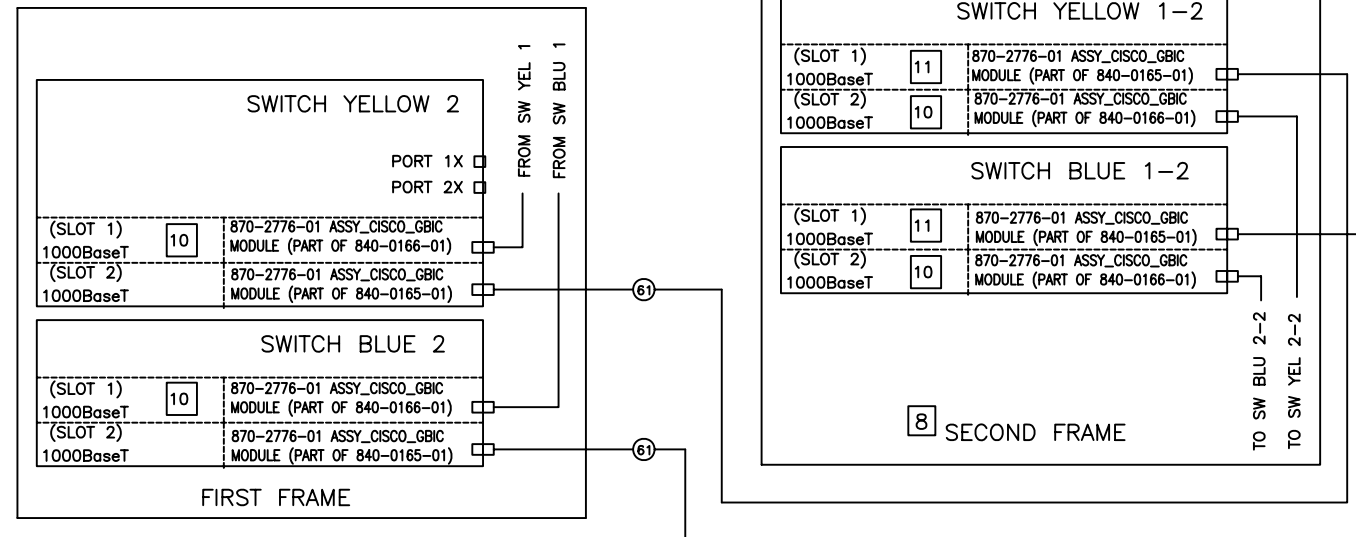


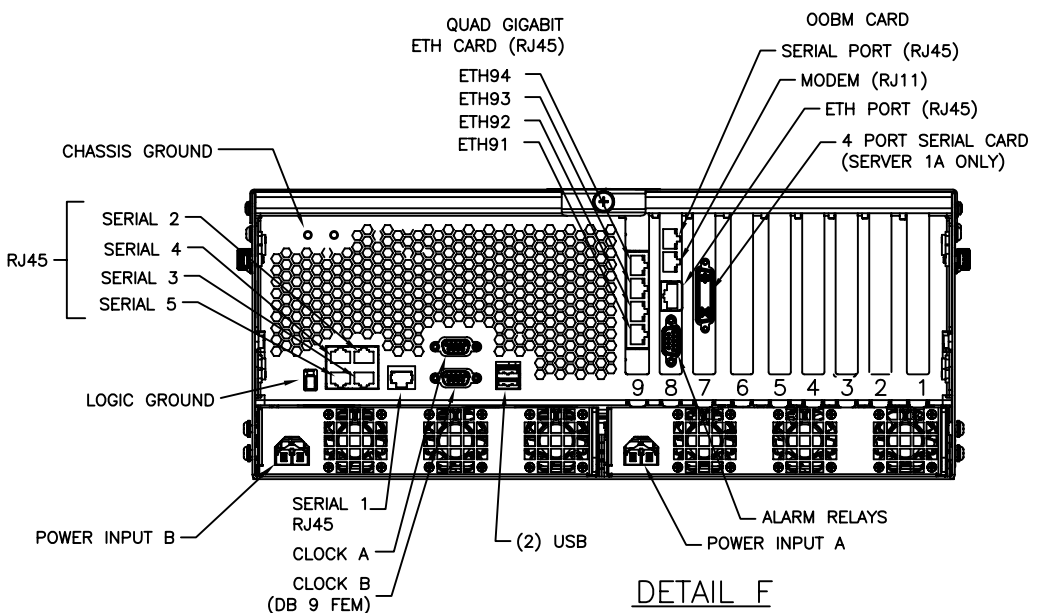
DIAGRAM C  
IMF LINK INTERCONNECTION

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

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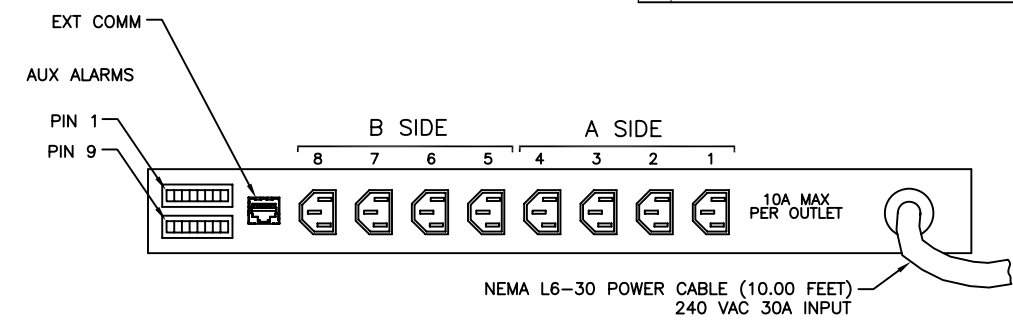
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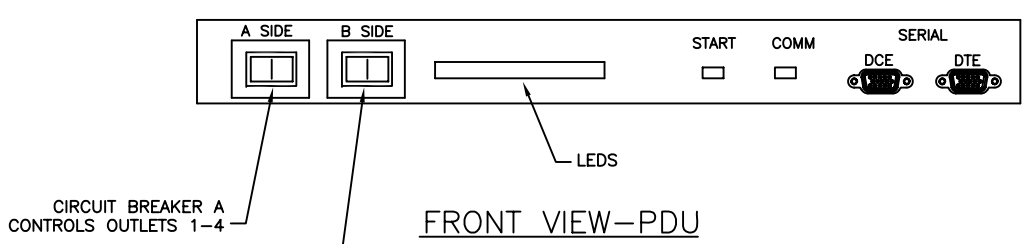
DETAIL F

SERVER (REAR VIEW) 870-2754-02 W/ PCI CARDS:

PCI SLOT	BIT	MHZ	CARD
1	64	133	SATA
2	64	66	PROBE (SEE DETAIL H)
3	64	66	PROBE (SEE DETAIL H)
4	64	66	PROBE (SEE DETAIL H)
5	64	66	PROBE (SEE DETAIL H)
6	64	66	PROBE (SEE DETAIL H)
7	32	33	4 PORT SERIAL (SERVER A ONLY)
8	32	33	OOBM
9	8	4000	4 PORT ETHERNET



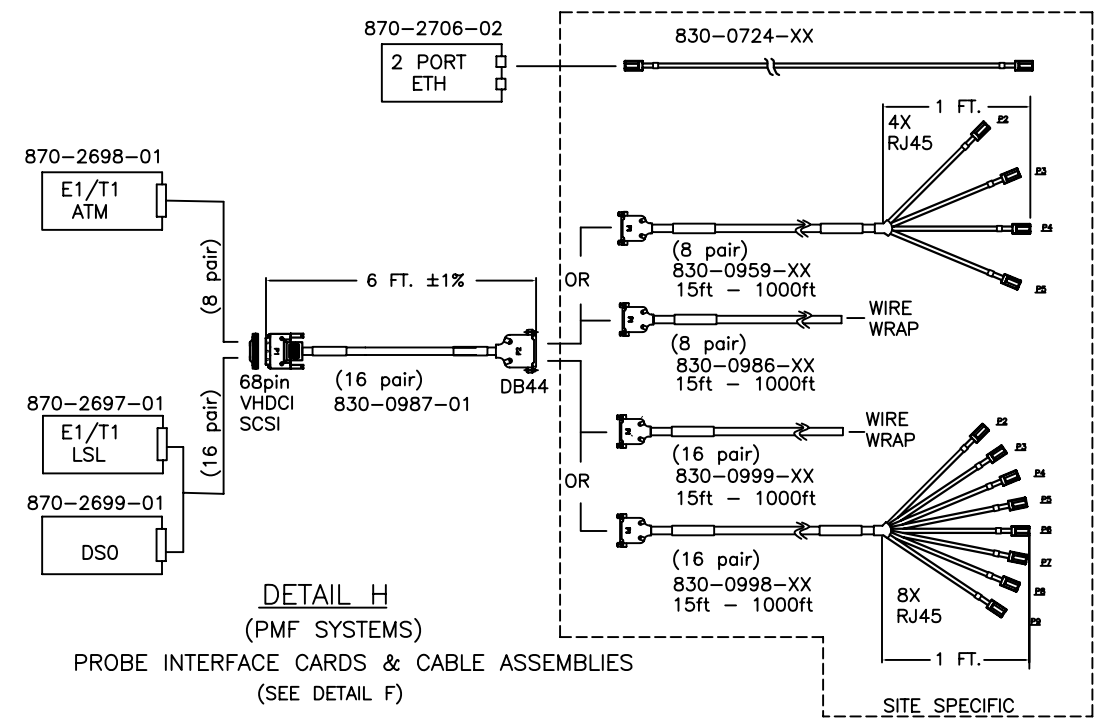
REAR VIEW



FRONT VIEW-PDU

DETAIL E

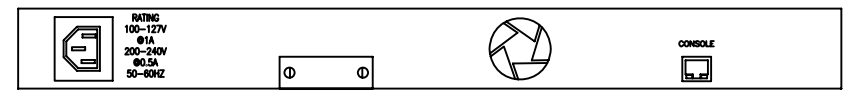
PDU A AND B  
PN 870-2841-XX



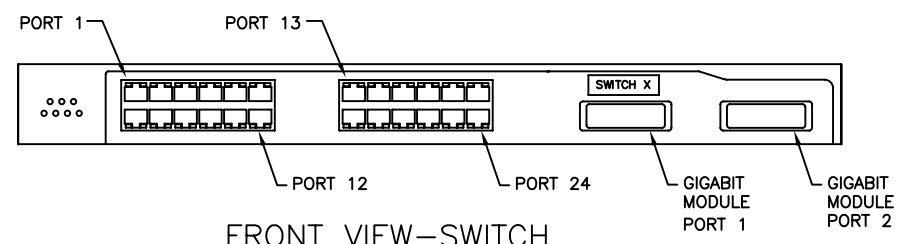
DETAIL H

(PMF SYSTEMS)  
PROBE INTERFACE CARDS & CABLE ASSEMBLIES  
(SEE DETAIL F)

SITE SPECIFIC



REAR VIEW



FRONT VIEW-SWITCH

DETAIL D

SWITCH YEL & BLU, 1 & 2  
PN 870-2758-02

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