


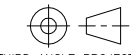
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	RELEASED PER ECO #14993	09/08/05	ARMSTRONG

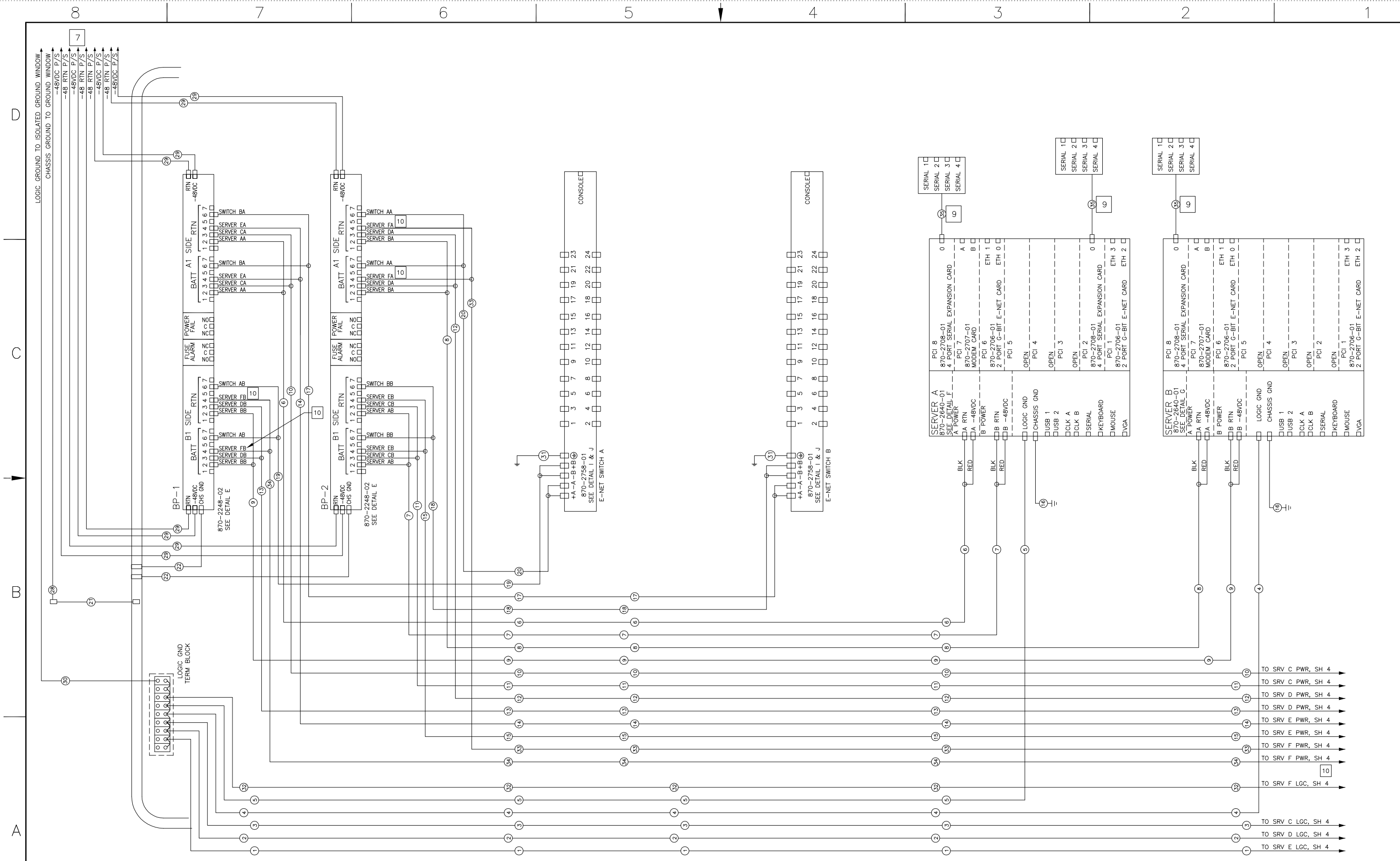
NOTES: UNLESS OTHERWISE SPECIFIED

- 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 820-2410-01 FOR CURRENT LIST HARDWARE.
- 6) ALL POWER CABLES ARE CONNECTED WITH THE RED LEAD TO -48VDC TERMINAL AND THE BLACK LEAD TO RETURN TERMINAL.
- 7) -48 VDC, RTN, AND GND PRIMARY CABLING EXITING THE FRAME SHALL BE 6 AWG. SEE TABLES C, D AND E FOR LENGTH CONFIGURATIONS.
- 8) USE LABEL PN 617-0009-01 TO MAKE LABEL SET FOR FROM AND TO ON CABLES AS INDICATED ON THE CABLE TABLES AND/OR THE APPLICATION TR. EACH CABLE INDICATED WILL REQUIRE 2 LABELS AS SHOWN IN DETAIL K. PERMANENTLY PRINT LABELS WITH .09 HIGH BLACK CHARACTERS. CENTER TEXT APPROXIMATELY AS SHOWN. MAX 23 CHARACTERS PER LINE. SEE DETAIL L FOR PLACEMENT OF LABELS ON CABLES.
- 9) USE LABEL PN 617-0009-01 TO MAKE THE FOLLOWING LABELS. PERMANENTLY PRINT LABELS WITH .09 HIGH BLACK CHARACTERS. CENTER TEXT APPROXIMATELY AS SHOWN. MAX 23 CHARACTERS PER LINE.
 LABEL FOR SERVER A PCI 2 Serial Port 0: SERVER A PCI2 P0
 LABEL FOR SERVER A PCI 2 Serial Port 1: CUSTOMER MMI
 LABEL FOR SERVER A PCI 2 Serial Port 3: RESERVED
 LABEL FOR SERVER A PCI 2 Serial Port 4: CUSTOMER TERMINAL
 LABEL FOR SERVER A PCI 8 Serial Port 0: SERVER A PC18 P0
 LABEL FOR SERVER B PCI 8 Serial Port 0: SERVER B PC18 P0
- 10) SERVER F MAY BE REFERRED TO AS SERVER SPR. SEE CABLE KIT AND APPLICATION TR.

DOCUMENT CONTROL
PRODUCTION RELEASED

GO TO NEXT PAGE

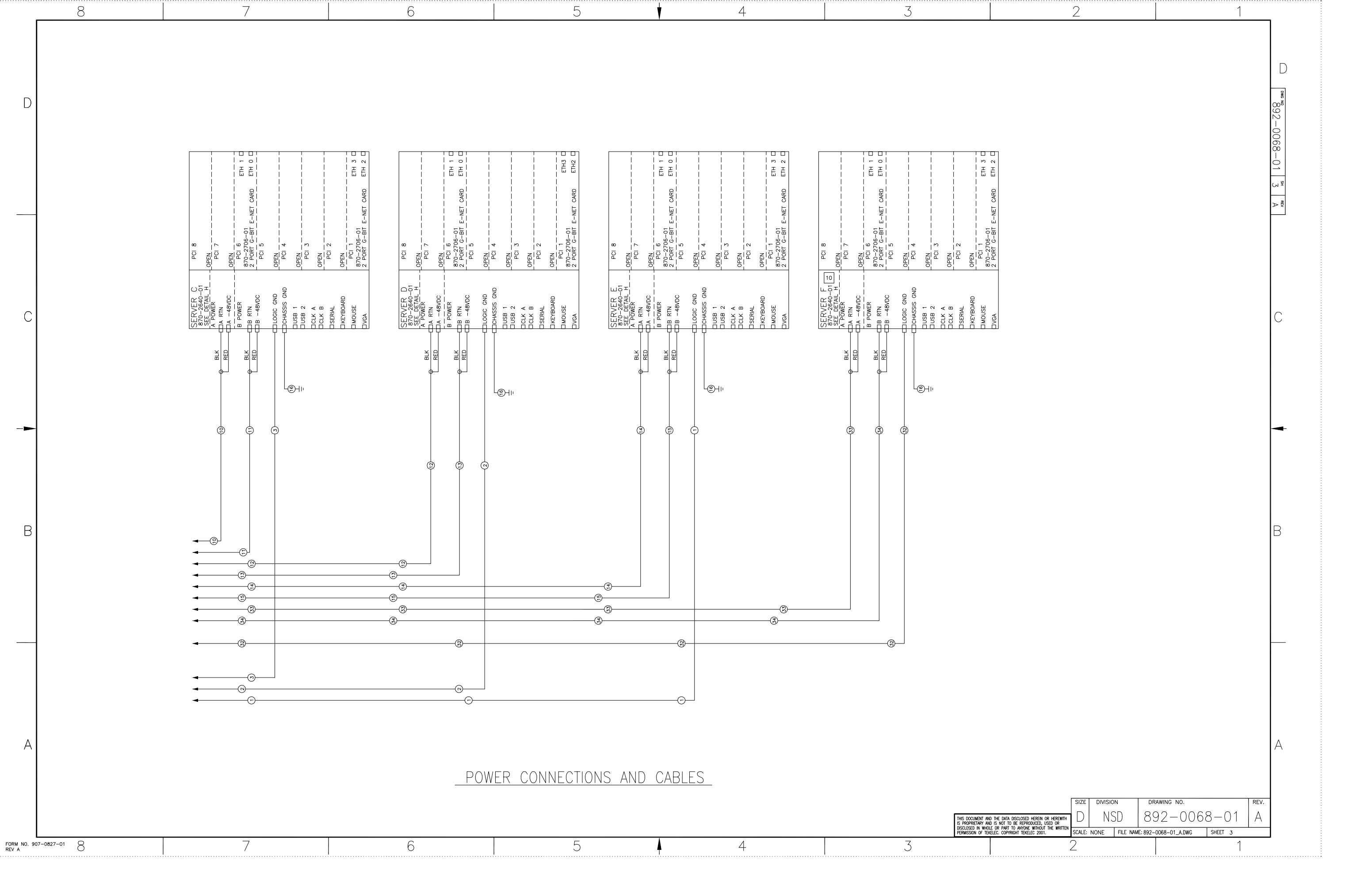
UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING. DIMENSIONS ARE IN INCHES. INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994. DRAWING TO CONFORM TO TEKELEC SPECIFICATION 907-0169-01. DEBURR AND BREAK SHARP EDGES AND CORNERS .005-.015. MACHINED SURFACE FINISH 125 ✓ DECIMAL TOLERANCES: .XX = ±.02 .XXX = ±.005 ANGLE TOLERANCE: ± 1°		THIS DOCUMENT AND THE DATA DISCLOSED HEREIN OR HEREWITH IS PROPRIETARY AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR PART TO ANYONE WITHOUT THE WRITTEN PERMISSION OF TEKELEC. COPYRIGHT TEKELEC 2001.		 TEKELEC 26580 W. Agoura Road, Calabasas, California 91302	
APPROVALS		DATE		DRAWING NO.	
DRAWN BY J. MYERS		8/18/05		892-0068-01	
CHECKED S. LYTLE		8/19/05		REV. A	
APPROVED ARMSTRONG		8/19/05		DRAWING NO. 892-0068-01	
APPLICATION		MATERIAL		SCALE: NONE	
FINISH		MATERIAL		FILE NAME: 892-0068-01_A.DWG	
THIRD ANGLE PROJECTION				SHEET 1 OF 5	



POWER CONNECTIONS AND CABLES

THIS DOCUMENT AND THE DATA DISCLOSED HEREON OR HEREWITH IS PROPRIETARY AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR PART TO ANYONE WITHOUT THE WRITTEN PERMISSION OF TEXELEC. COPYRIGHT TEXELEC 2001.

SIZE	DIVISION	DRAWING NO.	REV.
D	NSD	892-0068-01	A
SCALE: NONE	FILE NAME: 892-0068-01_A.DWG	SHEET 2	



POWER CONNECTIONS AND CABLES

SIZE	DIVISION	DRAWING NO.	REV.
D	NSD	892-0068-01	A
SCALE: NONE		FILE NAME: 892-0068-01_A.DWG	SHEET 3

TABLE A - POWER CABLE PART NUMBERS

ITEM NO.	TEKELEC P/N	QUANTITY	LENGTH	COMMENT	LABEL
1	830-0989-05	1	105.00 INCHES	FROM SERVER E TO LOGIC GROUND	SUPPLIED WITH CABLE
2	830-0989-04	1	95.00 INCHES	FROM SERVER D TO LOGIC GROUND	SUPPLIED WITH CABLE
3	830-0989-03	1	87.00 INCHES	FROM SERVER C TO LOGIC GROUND	SUPPLIED WITH CABLE
4	830-0989-02	1	79.00 INCHES	FROM SERVER B TO LOGIC GROUND	SUPPLIED WITH CABLE
5	830-0989-01	1	67.00 INCHES	FROM SERVER A TO LOGIC GROUND	SUPPLIED WITH CABLE
6	830-0988-01	1	64.00 INCHES	FROM SERVER A-A PWR TO BP1-2A	SUPPLIED WITH CABLE
7	830-0988-02	1	55.00 INCHES	FROM SERVER A-B PWR TO BP2-2B	SUPPLIED WITH CABLE
8	830-0988-03	1	72.00 INCHES	FROM SERVER B-A PWR TO BP2-2A	SUPPLIED WITH CABLE
9	830-0988-04	1	70.00 INCHES	FROM SERVER B-B PWR TO BP1-2B	SUPPLIED WITH CABLE
10	830-0988-05	1	81.00 INCHES	FROM SERVER C-A PWR TO BP1-3A	SUPPLIED WITH CABLE
11	830-0988-06	1	71.00 INCHES	FROM SERVER C-B PWR TO BP2-3B	SUPPLIED WITH CABLE
12	830-0988-07	1	88.00 INCHES	FROM SERVER D-A PWR TO BP2-3A	SUPPLIED WITH CABLE
13	830-0988-08	1	86.00 INCHES	FROM SERVER D-B PWR TO BP1-3B	SUPPLIED WITH CABLE
14	830-0988-09	1	98.00 INCHES	FROM SERVER E-A PWR TO BP1-4A	SUPPLIED WITH CABLE
15	830-0988-10	1	89.00 INCHES	FROM SERVER E-B PWR TO BP2-4B	SUPPLIED WITH CABLE
16	830-0927-01	5	31.00 INCHES	FROM SERVER CHASSIS TO FRAME GROUND	SUPPLIED WITH CABLE
17	830-1013-05	1	41.00 INCHES	FROM SWITCH BA PWR TO BP1-6A	SUPPLIED WITH CABLE
18	830-1013-08	1	30.00 INCHES	FROM SWITCH BB PWR TO BP2-6B	SUPPLIED WITH CABLE
19	830-1013-06	1	32.00 INCHES	FROM SWITCH AB PWR TO BP1-6B	SUPPLIED WITH CABLE
20	830-1013-07	1	37.00 INCHES	FROM SWITCH AA PWR TO BP2-6A	SUPPLIED WITH CABLE
21	830-0715-03	1	38.00 INCHES	CHASSIS GROUND TO GROUND WINDOW	NO
22	830-0830-01	2	N/A	CIRCUIT BREAKER TO FRAME GND	NO
28	CHASSIS GND (FIELD ROUTED)	1	SITE SPECIFIC	SEE TABLE F	FIELD
29	-48VDC AND 48V RTN (FIELD ROUTED)	8	SITE SPECIFIC	SEE TABLE E	FIELD
30	LOGIC GROUND	1	SITE SPECIFIC	SEE TABLE D	FIELD
31	830-1015-01	2	N/A	FROM SWITCH TO FRAME GND	NO
32	830-0989-12 OR 830-0989-13	10	120.00 INCHES	FROM SERVER F TO LOGIC GROUND FROM SERVER SPR TO LOGIC GROUND	SUPPLIED WITH CABLE
33	830-0988-15 OR 830-0988-17	10	102.00 INCHES	FROM SERVER F-A PWR TO BP2-4A FROM SERVER SPR-A PWR TO BP2-4A	SUPPLIED WITH CABLE
34	830-0988-16 OR 830-0988-18	10	100.00 INCHES	FROM SERVER F-B PWR TO BP1-4B FROM SERVER SPR-B PWR TO BP1-4B	SUPPLIED WITH CABLE

FROM
SRV A PCI 2 SER PORT 2
TO
SRV B SERIAL TTY50

FROM
SRV B SERIAL TTY50
TO
SRV A PCI 2 SER PORT 2

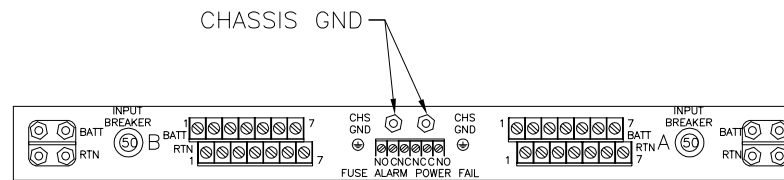
EXAMPLE OF TEXT SHOWN IN TABLES

EXAMPLE WITH TEXT REVERSED FROM FIRST LABEL

DETAIL K 8
CABLE LABEL EXAMPLE

TABLE B - DATA CABLE PART NUMBERS

ITEM NO.	TEKELEC P/N	QUANTITY	LENGTH	COMMENT	LABEL
35	870-2708-01	3	NA	4 PORT SERIAL CABLE SUPPLIED WITH PCI CARD. LABEL INFO PER NOTE 10 SEE APPLICATION TR FOR ADDITIONAL DATA CABLES AND LABELING INFORMATION	YES



DETAIL "E"
CIRCUIT BREAKER (REAR VIEW)
870-2248-02

TABLE C - 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

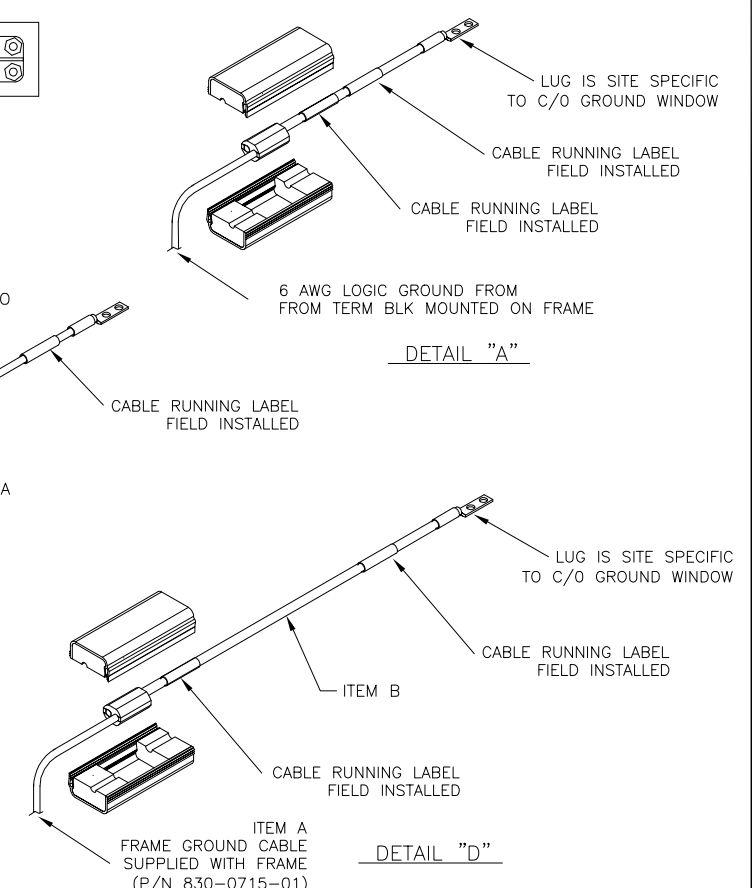
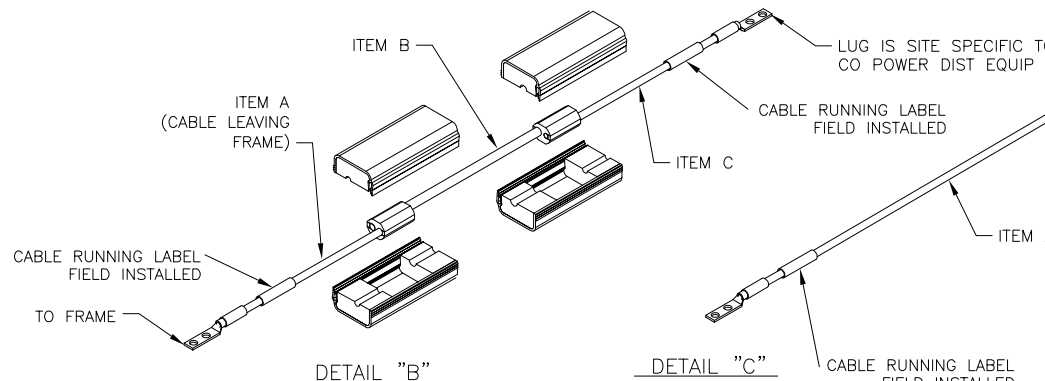


TABLE D - 48VDC & 48VRTN CABLING COMPONENTS

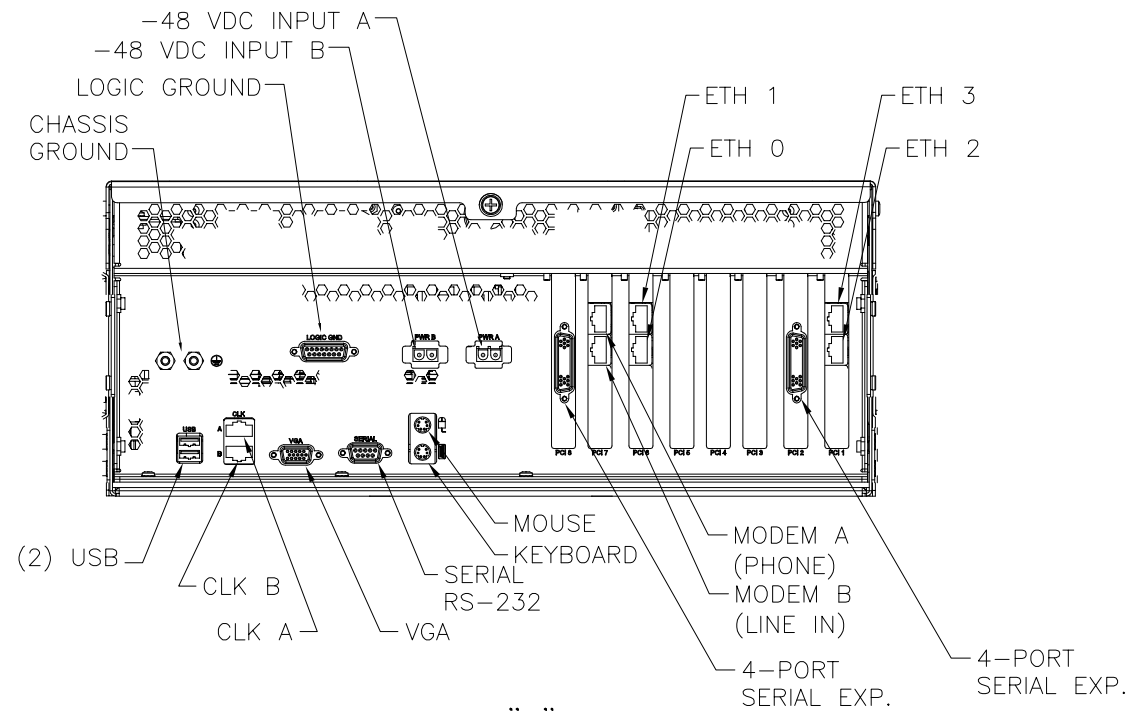
DISTANCE	ITEM A				ITEM B		ITEM C	CABLE CONSTRUCTION	HALF TAP SPLICE P/N	HTAP SOFT COVER P/N	COMMENT	REF. DETAIL
	CABLE P/N	CABLE AWG	TERMINAL LUG P/N	HEAT SHRINK P/N	CABLE P/N	CABLE AWG						
0' - 40'	690-0108-01	6	502-0085-01	804-0228-01	N/A	--	N/A	NONE REQUIRED	NONE REQUIRED		CABLE LENGTH IS SITE-SPECIFIC	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 E - 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) 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	D
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	D

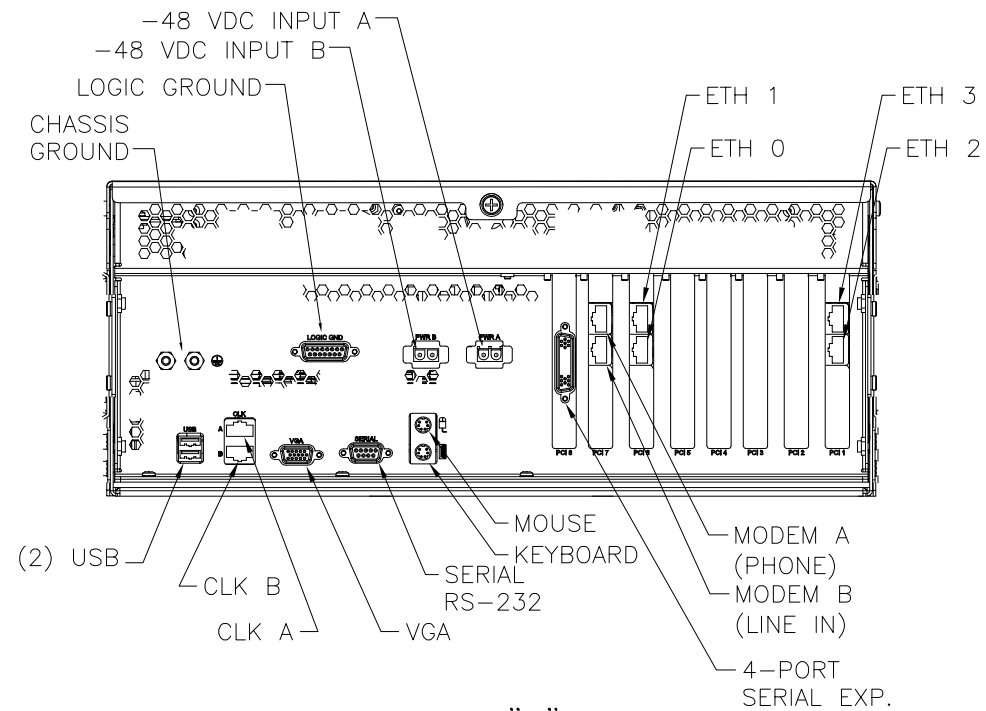
THIS DOCUMENT AND THE DATA DISCLOSED HEREIN OR HEREWITH IS PROPRIETARY AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR PART TO ANYONE WITHOUT THE WRITTEN PERMISSION OF TEKELEC. COPYRIGHT TEKELEC 2001.

SIZE	DIVISION	DRAWING NO.	REV.
D	NSD	892-0068-01	A
SCALE: NONE	FILE NAME: 892-0068-01_ADWC	SHEET 4	



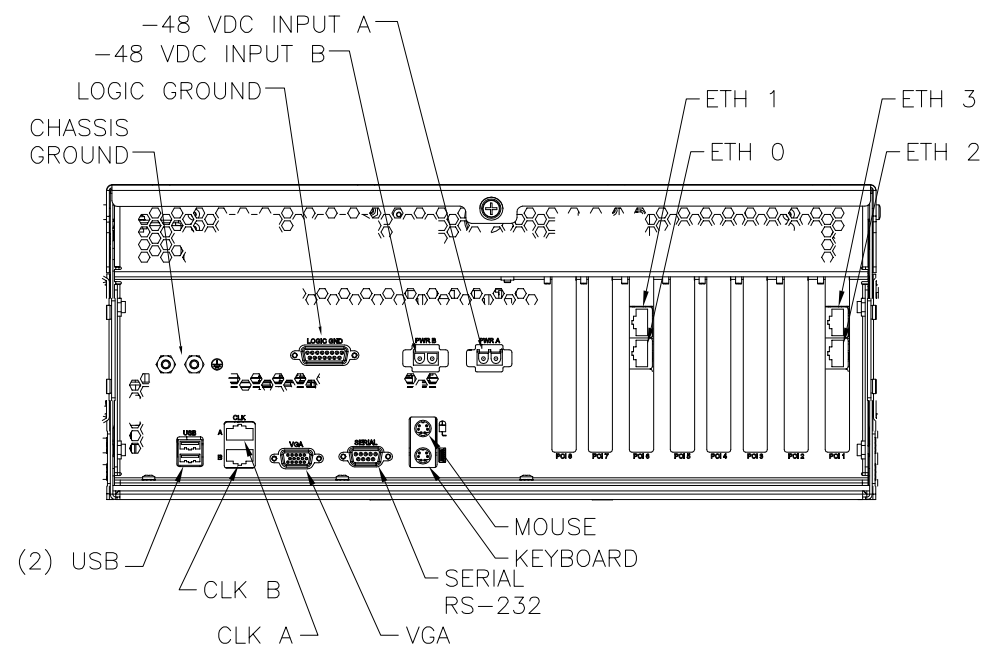
DETAIL "F"

SERVER A (REAR VIEW)
 870-2640-01 W/ PCI CARDS:
 SLOT 1 - 870-2706-01
 SLOT 2 - 870-2708-01
 SLOT 6 - 870-2706-01
 SLOT 7 - 870-2707-01
 SLOT 8 - 870-2708-01



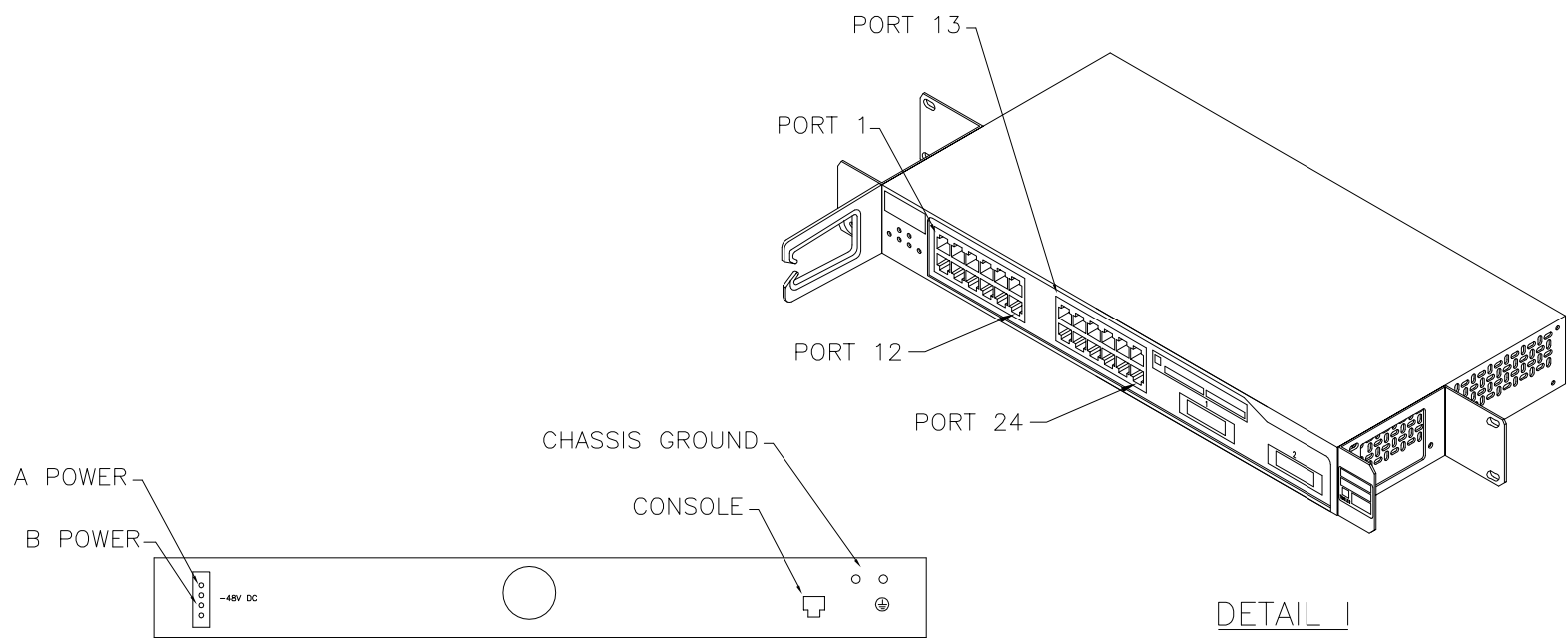
DETAIL "G"

SERVER B (REAR VIEW)
 870-2640-01 W/ PCI CARDS:
 SLOT 1 - 870-2706-01
 SLOT 6 - 870-2706-01
 SLOT 7 - 870-2707-01
 SLOT 8 - 870-2708-01



DETAIL "H"

SERVER C-F (REAR VIEW) 10
 870-2640-01 W/ PCI CARDS:
 SLOT 1 - 870-2706-01
 SLOT 6 - 870-2706-01



DETAIL J
 REAR VIEW-SWITCH
 870-2758-01

DETAIL I
 ISO VIEW OF THE FRONT-SWITCH
 870-2758-01

SIZE	DIVISION	DRAWING NO.	REV.
D	NSD	892-0068-01	A

SCALE: NONE FILE NAME: 892-0068-01_A.DWG SHEET 5

THIS DOCUMENT AND THE DATA DISCLOSED HEREIN OR HEREWITH IS PROPRIETARY AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR PART TO ANYONE WITHOUT THE WRITTEN PERMISSION OF TEXELC. COPYRIGHT TEXELC 2001.