

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 HARDWARE LIST.
- 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 D, E AND F FOR LENGTH CONFIGURATIONS.

8) 4-PORT SERIAL CABLE, SUPPLIED WITH PCI SERIAL CARD. PORT NUMBERS 1 THRU 4 ARE LOCATED ON THE FOUR DB-9 CONNECTORS. PORT 0 IS THE DB-44 CONNECTOR THAT INTERFACES WITH THE PCI SERIAL CARD.

9) USE LABEL PN 617-0009-01 TO MAKE LABEL SET FOR FROM AND TO ON CABLES INDICATED IN TABLES A, B, G, H, J & K. EACH CABLE INDICATED WILL REQUIRE 2 LABELS ONE AS SHOWN IN THE TABLES AND ONE WITH FROM AND TWO REVERSED 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. CABLES IDENTIFIED AS FIELD LABEL WILL BE LABELED AT INSTALLATION.

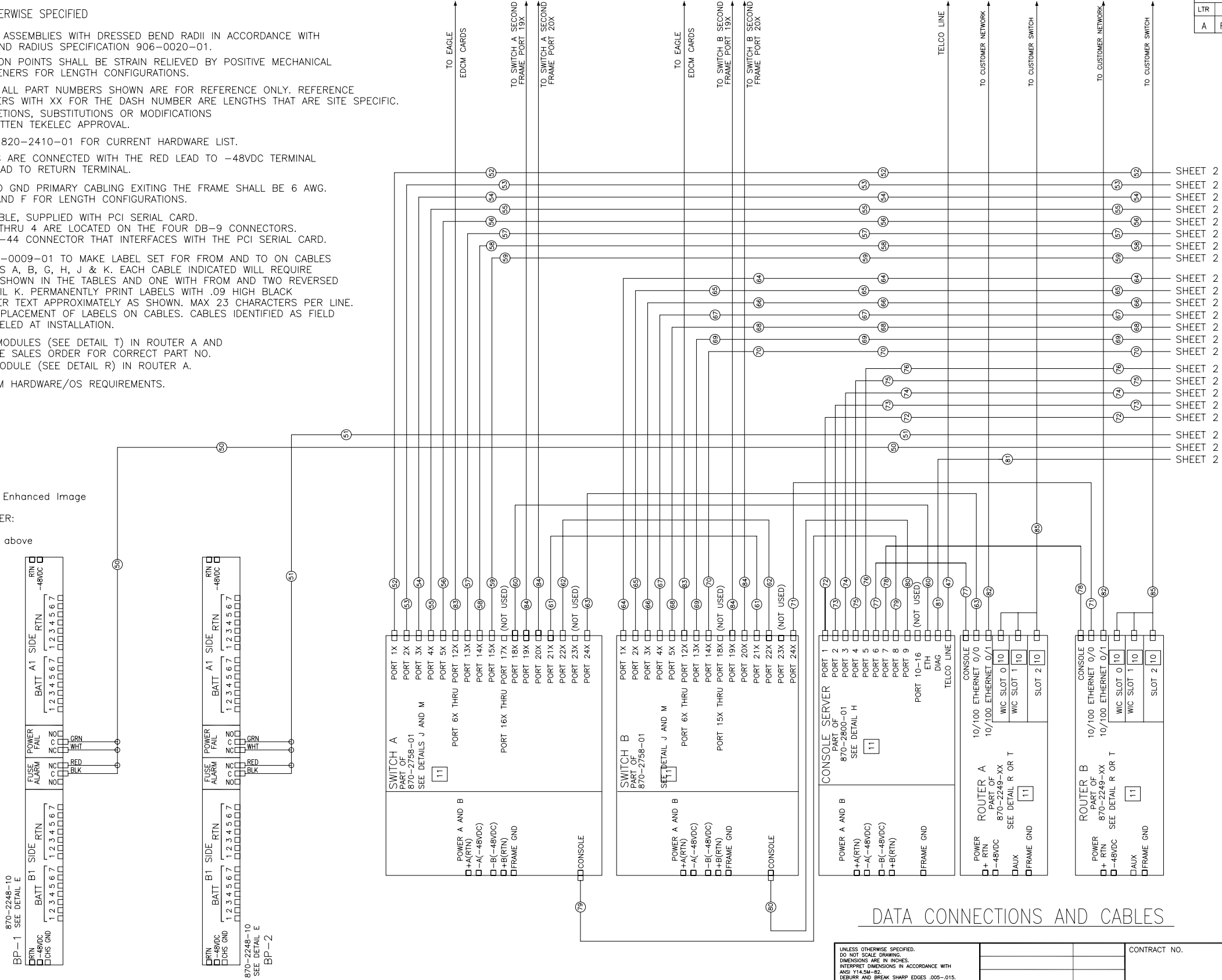
10) INSTALL THE WAN MODULES (SEE DETAIL T) IN ROUTER A AND B AS REQUIRED SEE SALES ORDER FOR CORRECT PART NO. INSTALL THE WIC MODULE (SEE DETAIL R) IN ROUTER A.

11) COMPONENT MINIMUM HARDWARE/OS REQUIREMENTS.

ROUTER A AND B
 -96MB RAM
 -32MB FLASH
 -IOS=12.3(16)

Switches A AND B:
 -24MD RAM
 -8MB flash
 -IOS=12.1(22 EA5) Enhanced Image

MRV CONSOLE SERVER:
 -PPICBOOT=3.0
 -LINUXIMG=3.2 and above



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	RELEASED PER ECN # 14948	03/31/06	M.BRYAN

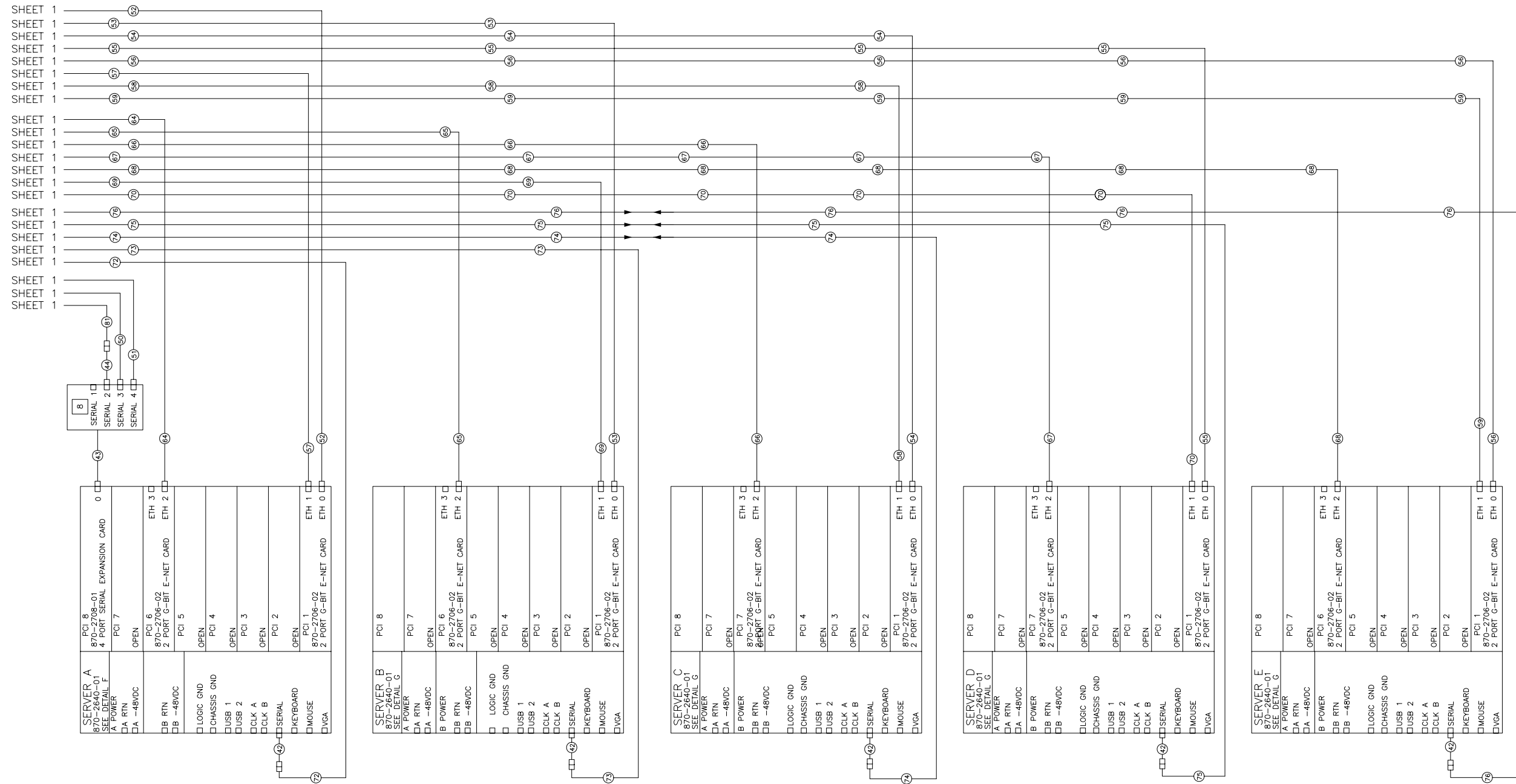
DOCUMENT CONTROL
 PRODUCTION RELEASED

DATA CONNECTIONS AND CABLES

UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING. DIMENSIONS ARE IN INCHES. INTERPRET DIMENSIONS IN ACCORDANCE WITH ANSI Y14.5M-92 DEBURR AND BREAK SHARP EDGES .005-.015. MACHINED SURFACE FINISH TOLERANCES: XX± .03 XXX± .010		CONTRACT NO.	
STANDARD HOLE TOLERANCES:		APPROVALS	
HOLE DIA	TOLERANCES	DRAWN	DATE
.013 THRU .125	+ .004 - .001	M.BRYAN	12/05
.126 THRU .250	+ .005 - .001	CHECKED	H.HASTINGS 3/15/06
.251 THRU .500	+ .006 - .001	APPROVED	M.BRYAN 3/15/06
.501 THRU .750	+ .008 - .001	APPLICATION	
.751 THRU 1.000	+ .010 - .001	FINISH	
1.001 THRU 2.000	+ .012 - .001	MATERIAL	
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INTERCONNECT DIAGRAM_SCS SYS_T1000_DC FRAME ASSY			
SIZE	CAGE CODE	DRAWING NO.	REV.
D		892-0073-01	A
SCALE: NONE		FILE NAME: 892-0073-01_REV_A.dwg	SHEET 1 OF 7

REVISIONS			
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DWG NO: 892-0073-01
 SHEET: 2
 REV: A



DATA CONNECTIONS AND CABLES

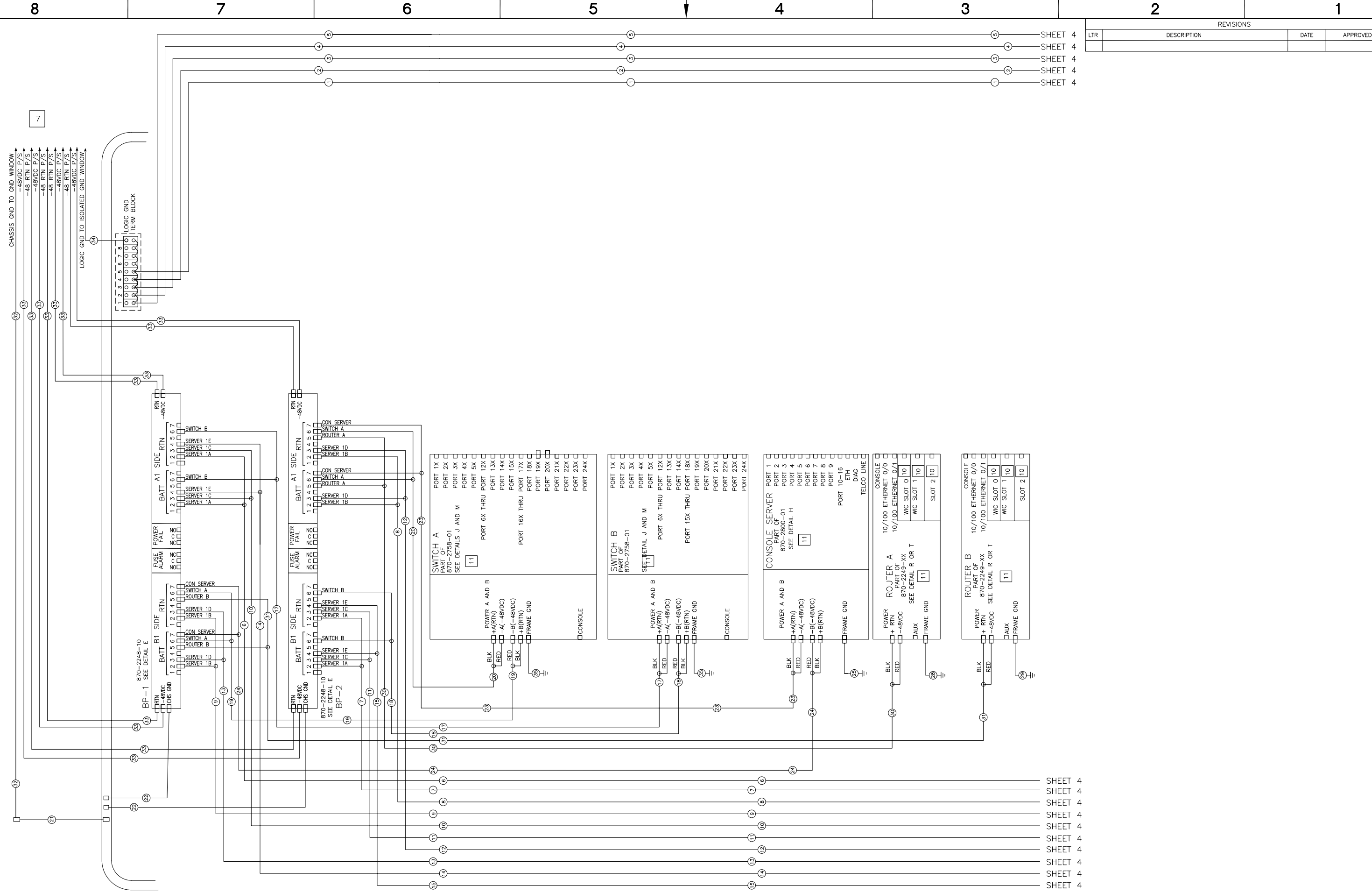
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REVISIONS			
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DWG NO. 892-0073-01 3 REV. A



POWER CONNECTIONS AND CABLES

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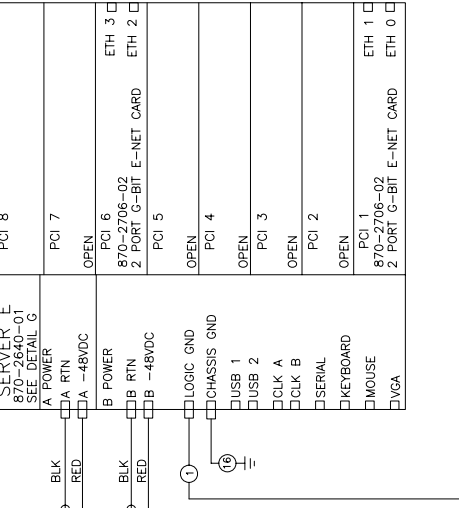
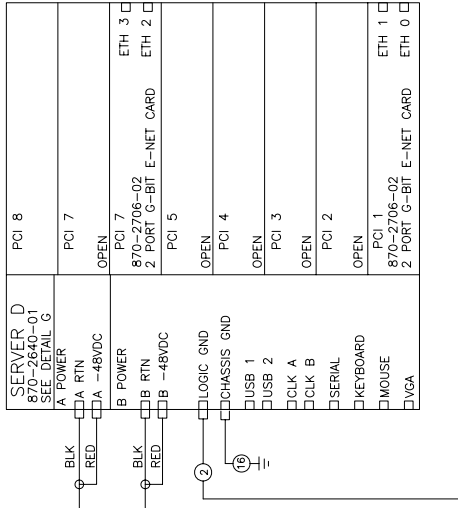
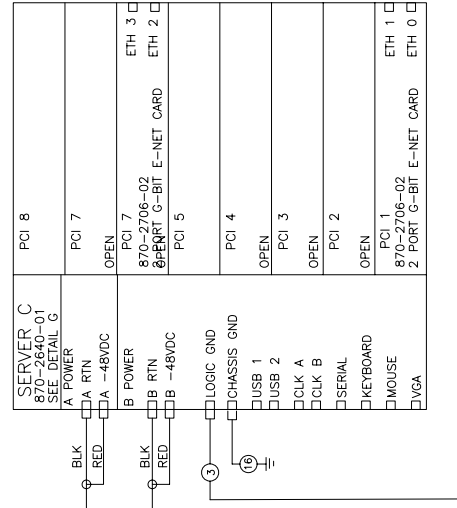
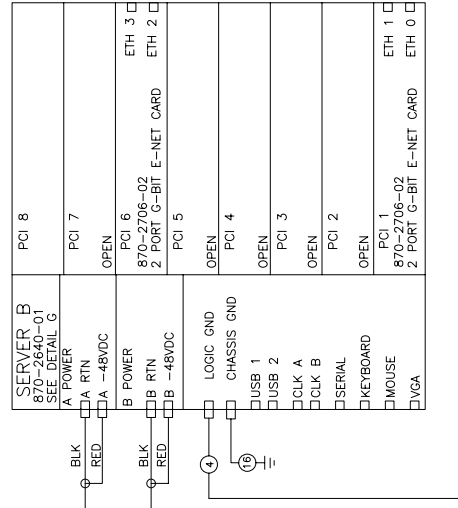
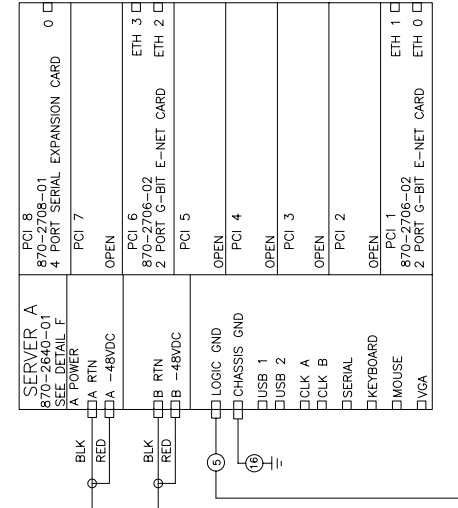
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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

DWG NO. 892-0073-01
 SHEET 4 OF 6
 REV. A

SHEET 3
 SHEET 3
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POWER CONNECTIONS AND CABLES

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TABLE A - POWER CABLE PART NUMBERS

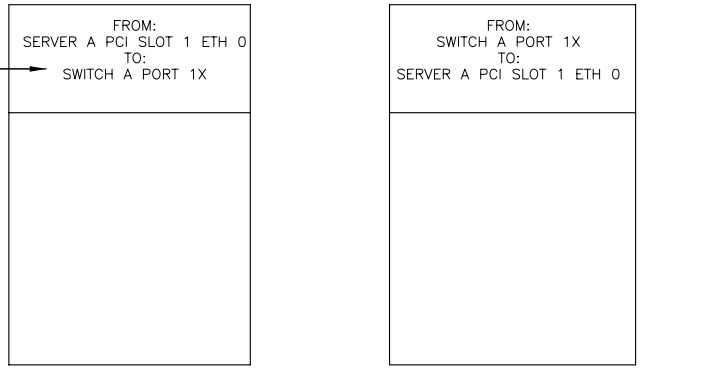
Table with 5 columns: ITEM NO., TEKELEC P/N, QTY, LENGTH, RUN LIST AND LABEL INFORMATION FOR FROM AND TO, LABEL REQUIRED. Contains 35 rows of power cable specifications.

TABLE B - DATA CABLE PART NUMBERS

Table with 5 columns: ITEM NO., TEKELEC P/N, QTY, LENGTH, RUN LIST AND LABEL INFORMATION FOR FROM AND TO, LABEL REQUIRED. Contains 85 rows of data cable specifications.

REVISIONS table with columns: LTR, DESCRIPTION, DATE, APPROVED. Includes revision 9.

892-0073-01 5 A



EXAMPLE OF TEXT SHOWN IN TABLES and EXAMPLE WITH TEXT REVERSED FROM FIRST LABEL

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

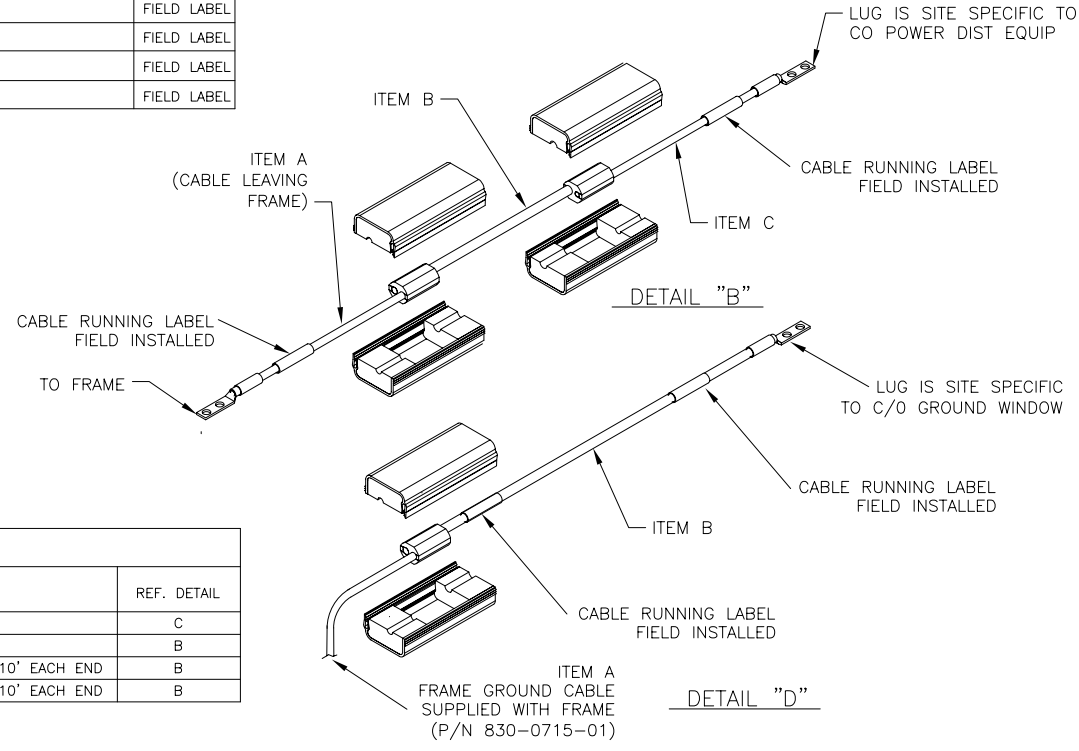
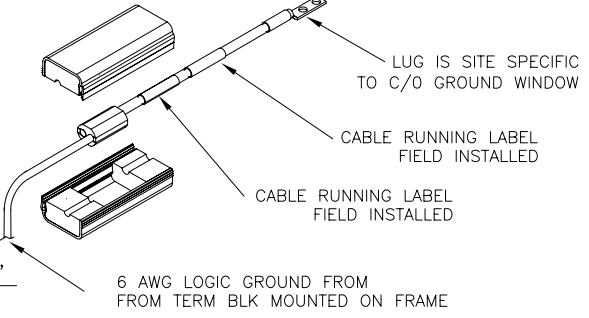
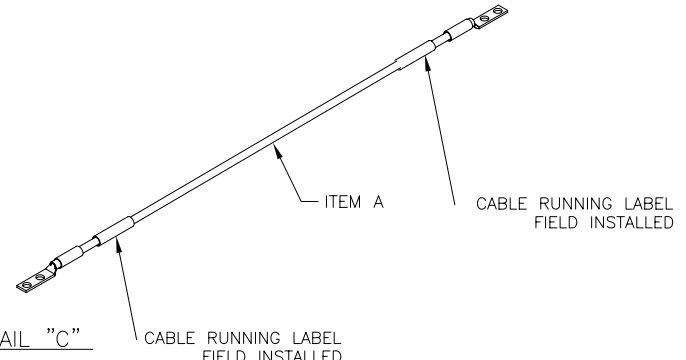


TABLE D - LOGIC GROUND CABLING

Table with 7 columns: DISTANCE, PRIMARY CABLE PART NUMBER, CABLE AWG, TERMINAL LUG P/N, HEAT SHRINK PART NUMBER, COMMENT, REF. DETAIL. Contains 2 rows of logic ground cabling data.

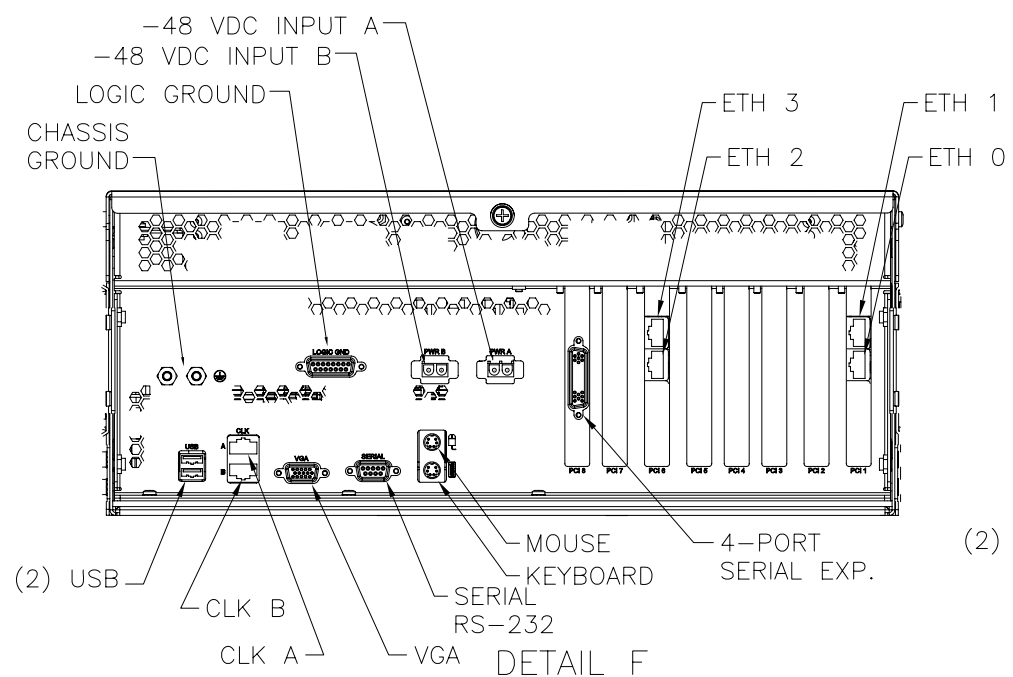
TABLE E - 48VDC & 48VRTN CABLING COMPONENTS

Table with 11 columns: DISTANCE, CABLE P/N, CABLE AWG, ITEM A (Terminal LUG P/N, Heat Shrink P/N), ITEM B (Cable P/N, Cable AWG), ITEM C (Cable Construction), Half Tap Splice P/N, HTAP Soft Cover P/N, COMMENT, REF. DETAIL. Contains 4 rows of cabling component data.

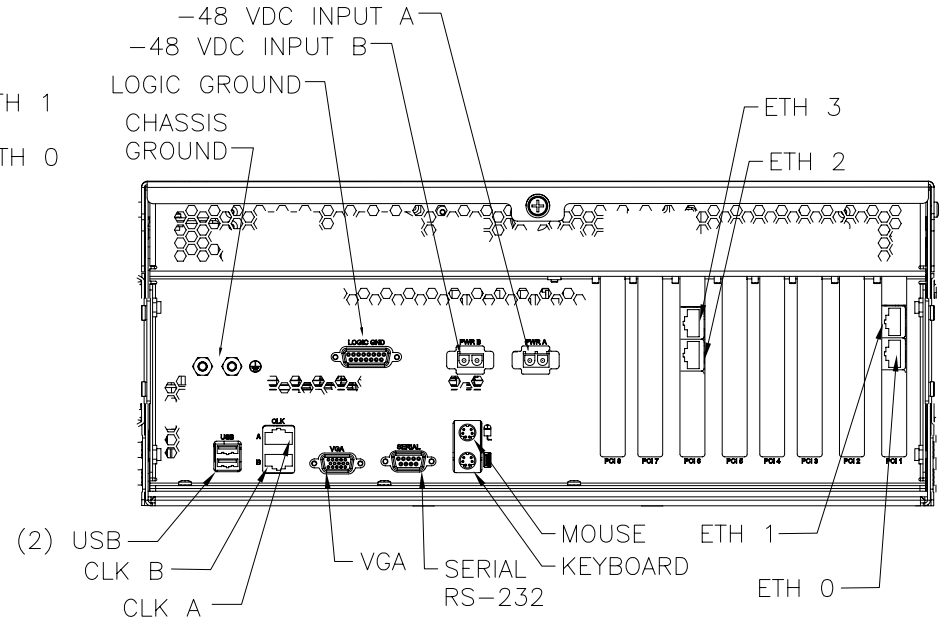
TABLE F - SYSTEM FRAME GROUND CABLING

Table with 10 columns: DISTANCE, CABLE P/N, CABLE AWG, ITEM A (Terminal LUG P/N, Heat Shrink P/N), ITEM B (Cable P/N, Cable AWG), HTAP (A to B Connection) H Tap P/N, COMMENT, REF. DETAIL. Contains 2 rows of system frame ground cabling data.

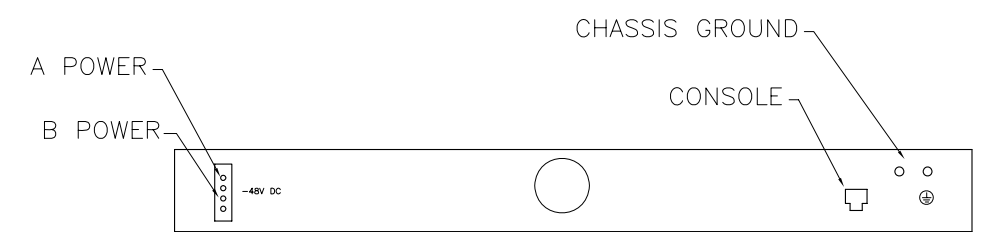
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LTR	DESCRIPTION	DATE	APPROVED



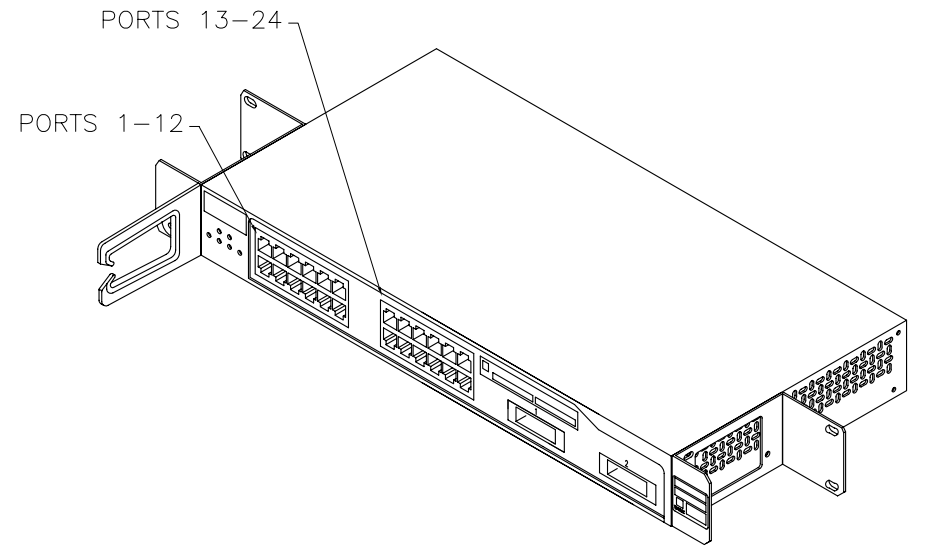
DETAIL F
SERVER A REAR VIEW
870-2640-01 W/ PCI CARDS:
SLOT 1 -870-2706-02
SLOT 6 -870-2706-02
SLOT 8 -870-2708-01



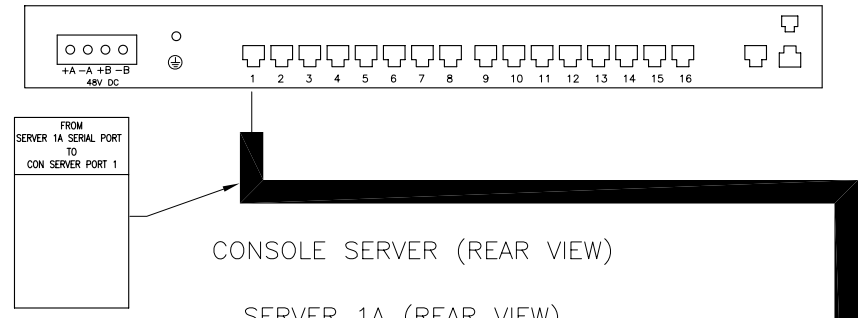
DETAIL B
SERVER 1B - 1E (REAR VIEW)
870-2640-01 W/ PCI CARDS:
SLOT 1 -870-2706-02
SLOT 6 -870-2706-02



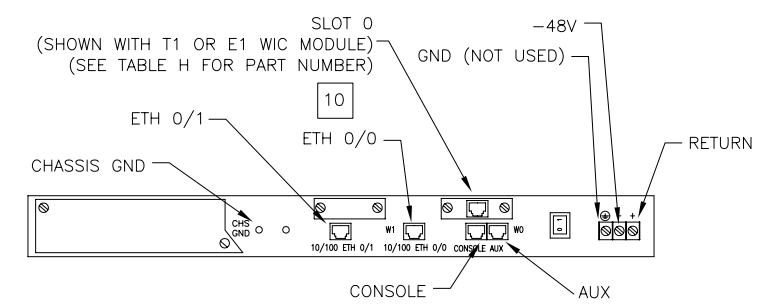
DETAIL J
REAR VIEW-SWITCH
870-2758-01



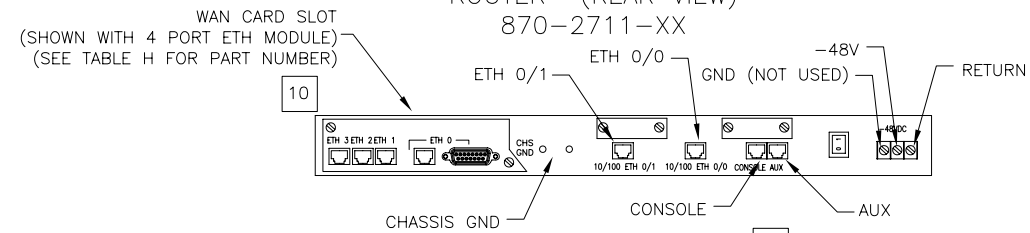
DETAIL M
ISO VIEW OF THE FRONT-SWITCH
870-2758-01



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

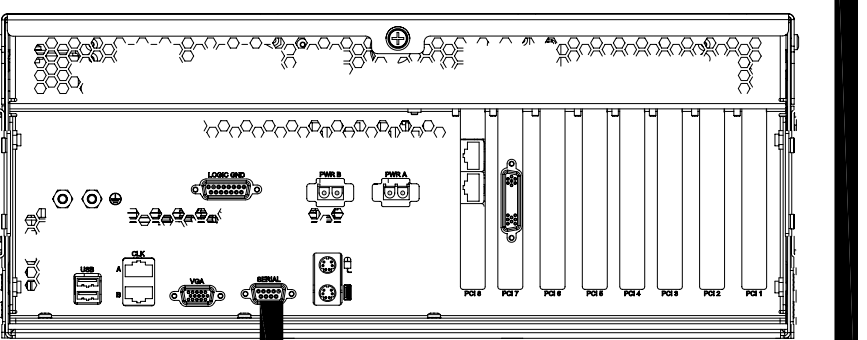


DETAIL "T" 10
ROUTER (REAR VIEW)
870-2711-XX

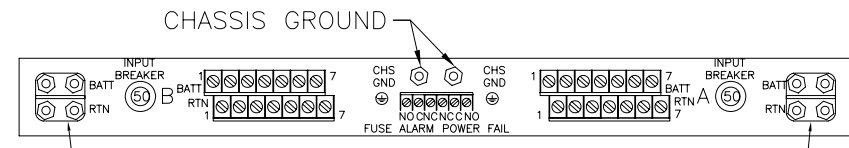


DETAIL "R" 10
ROUTER (REAR VIEW)
870-2711-XX

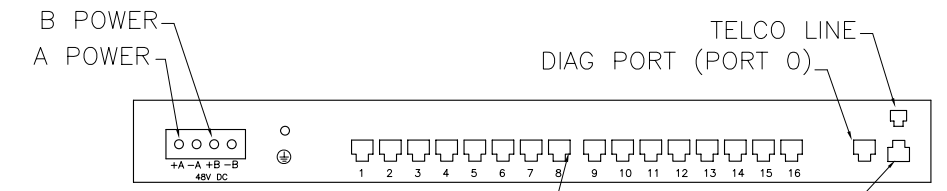
ROUTER CARD MODULE TABLE H				
COMPONENT	PART NO.	QTY	LOCATION	COMMENT
WAN T1 MODULE	804-1710-02	2	DETAIL T	REQUIRED FOR T1 APPLICATION
WAN E1 MODULE	804-1962-02	2	DETAIL T	REQUIRED FOR E1 APPLICATION
4 PORT ETH MODULE	804-1540-01	1	DETAIL R	REQUIRED FOR IP APPLICATION



DETAIL L 9
CABLE LABEL PLACEMENT DETAIL
TYPICAL FOR ALL CABLES
INDICATED IN TABLES A AND B
USING CABLE ITEM NO. 38



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



DETAIL H
REAR VIEW- CONSOLE SERVER
870-2800-01

SIZE	CAGE CODE	DRAWING NO.	REV.
D		892-0073-01	A

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DWC NO. 892-0073-01 6 1st REV. A

C

B

A