INSTALLATION & MAINTENANCE MANUAL

SIMULCAST SYSTEM DRAWINGS
CONTROL POINT COMMON EQUIPMENT
10 SITE, 24 CHANNELS (RS-232 VERSION)

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DESCRIPTION

This manual contains the equipment configuration drawings and cable intra and interrack wiring diagrams for installation and maintenance of an RS-232 Simulcast Control Point with up to 10 Sites and up to 24 Channels. Cable connection lists provides detailed rack interconnect cabling information that supports the wiring diagram referenced in the Table of Contents. Configuration drawings identify the location of the equipment modules in each shelf. Being familiar with the information contained on each of these drawings make servicing the Simulcast System easier.

Configuration drawings identify the function of each shelf (GETC, Digital, Test Equipment, and Analog racks) used in the Simulcast **E**nhanced **D**igital **A**ccess **C**ommunications **S**ystem (**EDACS®**) and specifies the site assignments for the analog delay shelf located in the analog rack. The configuration drawings also show the rear view of the racks to identify the interconnecting jack and plug connectors for each shelf on the digital and analog equipment racks.

Each item in the simulcast system identified by a four digit number which defines the cross connect panel to which it is connected, the shelf, and channel number, if applicable. The cross connect panels are identified by an alpha/numeric number sequence as defined below:

1st Digit	Connects To
"A"	Analog Cross Connect
"C"	Control Panel Cross Connect
"D"	Digital Cross Connect
"T"	Transmit Site Cross Connect

The second digit defines the shelf type while the 3rd and 4th digit define the associated channel number, if applicable.

Digit	Shelf
1	Modem Shelf
2	Analog Delay Shelf
3	Digital Delay Shelf
4	Analog Processing Shelf 1 (Equalizer)
5	GETC Interface
6	Jackfield
7	Analog Processing Shelf #2
8	Universal Sync Shelf
9	Control Panel

Digits 3 & 4
01 - Channel 1
02 - Channel 2
xx - Channel xx

For example D501 decodes as shown below:

D501

"D"	Digital Cross Connect
"5"	GETC I/F
"01"	Channel Number

INTRARACK CABLING

Field installation drawings show the rack/cabinet dc power and signal cabling interconnections between the Simulcast Digital, Analog and Test Equipment Racks and also between the Digital Rack of the Simulcast equipment and the GETC, RIC and Site Controller cabinets.

The Intrarack Cable Connection List (344A4890) identifies all interconnecting cables and their termination points for a 10 site 24 channel system. For a complete system, each cable listed on the cable connection list must be installed and verified at the time of installation. However, system equipped with less than 10 sites and 24 channels will not have all the signal cables listed on the connection list installed. Only those cables required to bring the system up to the specified customer configuration of sites and channels will be installed. Drawings 19C852599 (sheets. 1&2) and 19C852388 define the signal cable routing. Drawing 19C852388 is for systems with 24 Channels. Drawing 19C852599, Sheet 3, defines the dc power cable routing.

DC POWER INTRARACK WIRING

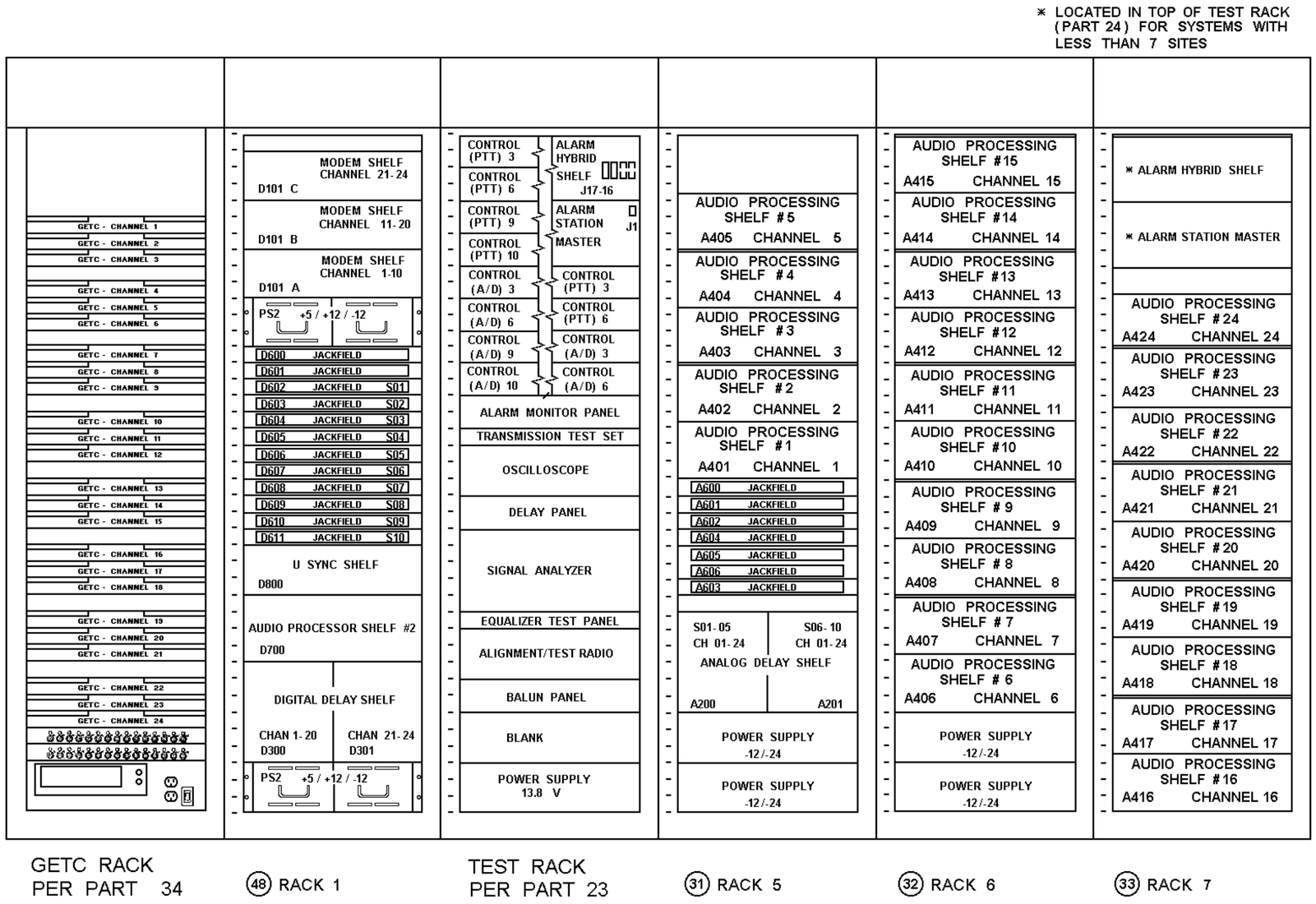
DC power wiring diagram 19C852591, sheets 1-5 shows the power distribution from the power supplies through the Analog and Digital Power Distribution Panels to the equipment shelves in the digital and analog racks. Sheets 1 and 2 define the power cabling to the digital rack and Sheet 3 defines the power cabling to analog rack 2.

Cable connection 344A4659P1 provides module location and identification information, P2 (Digital Rack 1) and P4 (Analog Rack 2), are referenced on the respective DC Power Wiring Diagrams and identify all interconnecting power cables between the power distribution panels and their termination points on the equipment shelves. Also listed is the dc power wiring between the power supplies and the respective power distribution panel. All intrarack wiring and cabling is completed and verified at the factory.

The Digital Cross Connect diagram defines the cable connections between the Digital Cross Connect Panel B400 and Connector Panel (GETC Rack, cross connects and alarms), Digital Delay Shelf D300, Analog Processing Shelf #2 D700, Universal Sync Shelf D800, Timing Module B403 from the multiplex equipment, and interconnections to the Digital Dispatch Option.

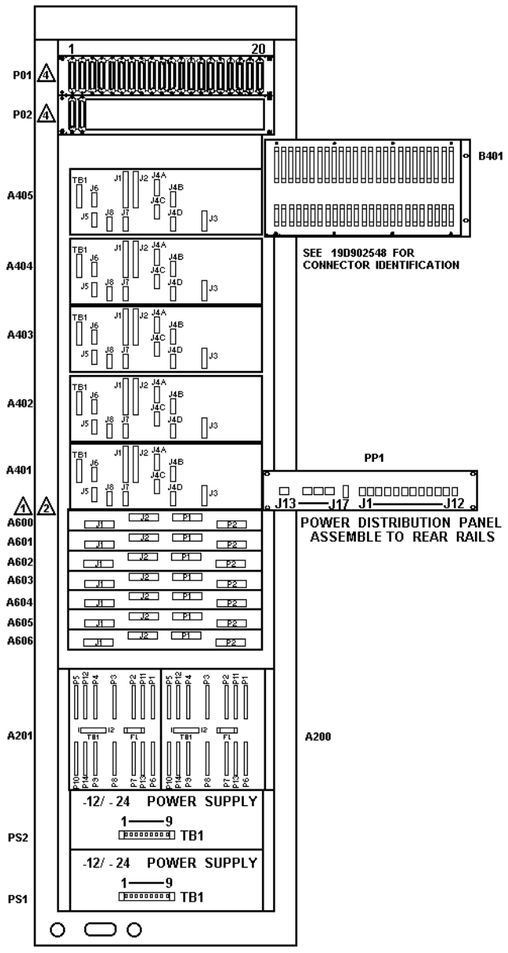
In addition, the diagram shows the data and clock interconnections, for each site, through the jackfields to Digital Cross Connect Panel and the station voter interface. The Analog Cross Connect Diagram shows the interconnections between Analog Cross Connect B401 and Analog Delay Shelf A200, and Analog Processing Shelves A401-A405. The analog processing shelves house the voice channel conditioning equipment for the simulcast system. The diagram also shows the 150 baud data and analog BSEL connections to the digital cross connect panel through connector panel #1.

Refer to LBI-38997, Test Rack, for Alarm/Control system intrarack connections and to LBI-38928 for the GETC intrarack connections.

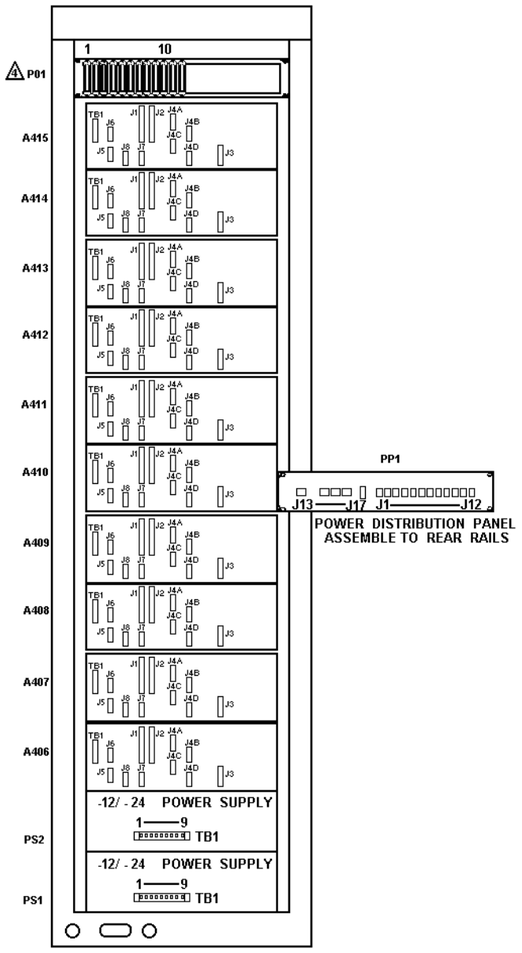


10 SITE 24 CHANNEL CONFIGURATION
Equipment Rackup, Front View

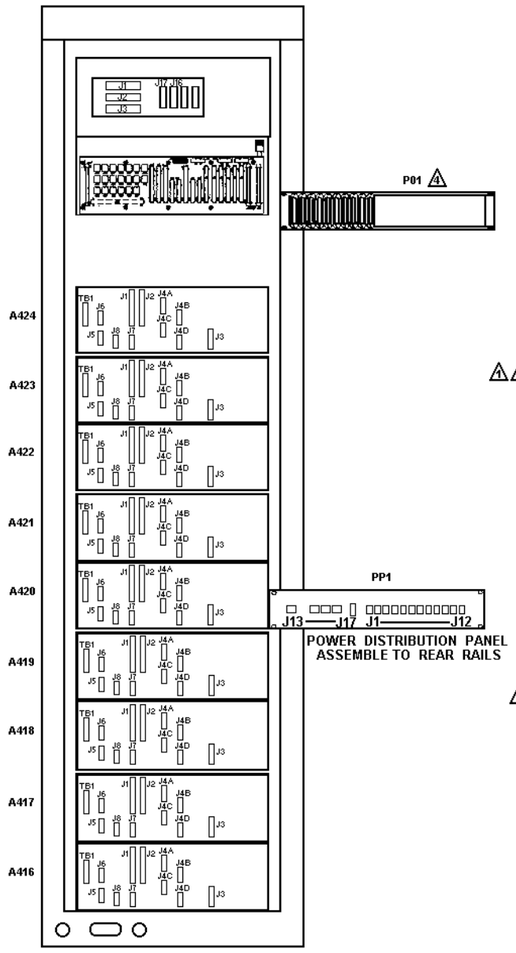
(19D904160, Sh. 32, Rev. 1)



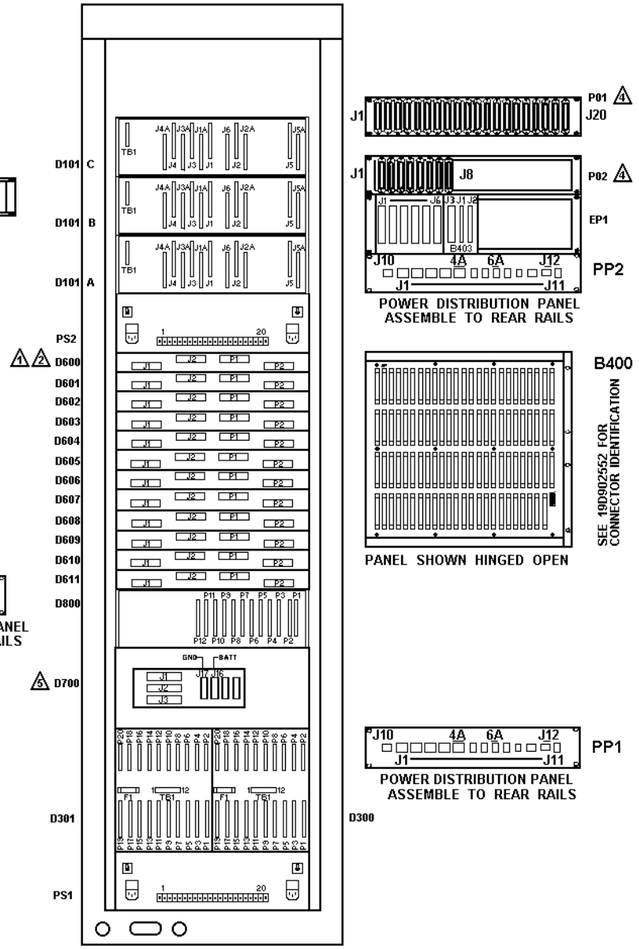
(31) RACK 5 REAR VIEW



(32) RACK 6 REAR VIEW



(33) RACK 7 REAR VIEW



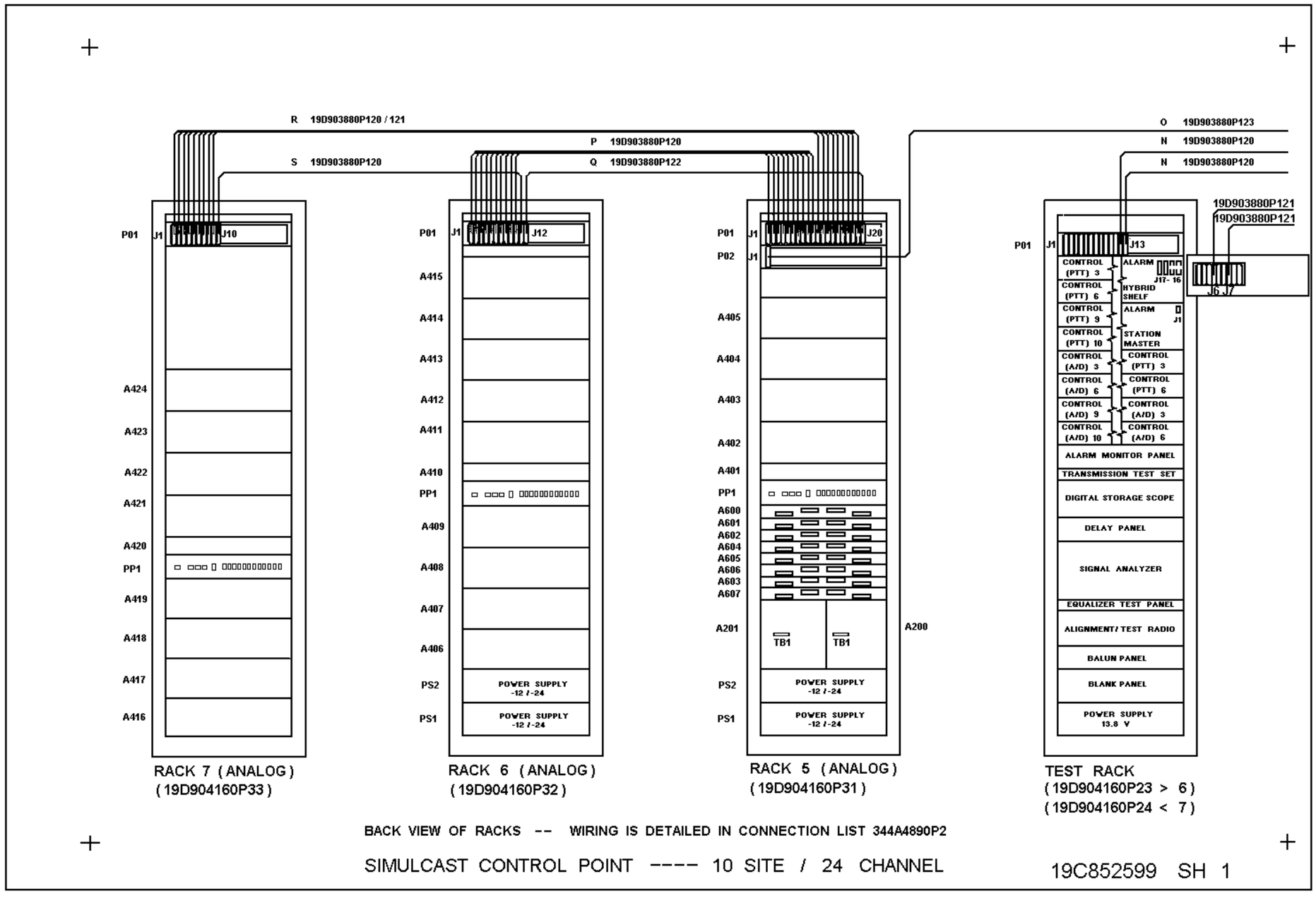
(48) RACK 1 REAR VIEW

10 SITE / 24 CHANNEL

1. BEFORE INSTALLING IN THE CABINET, MODIFY ALL JACKFIELDS EXCEPT D601 AS FOLLOWS:
   INSTALL BAILLOCKS (19B800935P16) ON CONNECTORS J1 & J2 ONLY, USING HARDWARE SUPPLIED IN KIT 344A4675G1.
2. AFTER INSTALLING CABLES ON THE JACKFIELDS, INSTALL LOCKING CLIPS (19B800935P6) ON P1 & P2 OF ALL JACKFIELDS (A600-A606 & D600-D611) ALSO INSTALL LOCKING CLIPS ON J1 & J2 OF D601 ONLY.
3. APPLY JACKFIELD MARKER STRIPS PER 19C852404 AND 19B803824
4. INSTALL BAIL LOCKS (19B800935P16) ON ALL CONNECTORS, USING HARDWARE SUPPLIED IN KIT 344A4675G1.
5. BEFORE INSTALLING SHELF ASM 19D902544G1 IN THE CABINET, MODIFY AS FOLLOWS:
   - INSTALL BAILLOCKS (19B800935P16) ON CONNECTORS J1, J2 & J3
   - REMOVE AND DISCARD VENDOR SUPPLIED LOCKING BAR ASSEMBLY

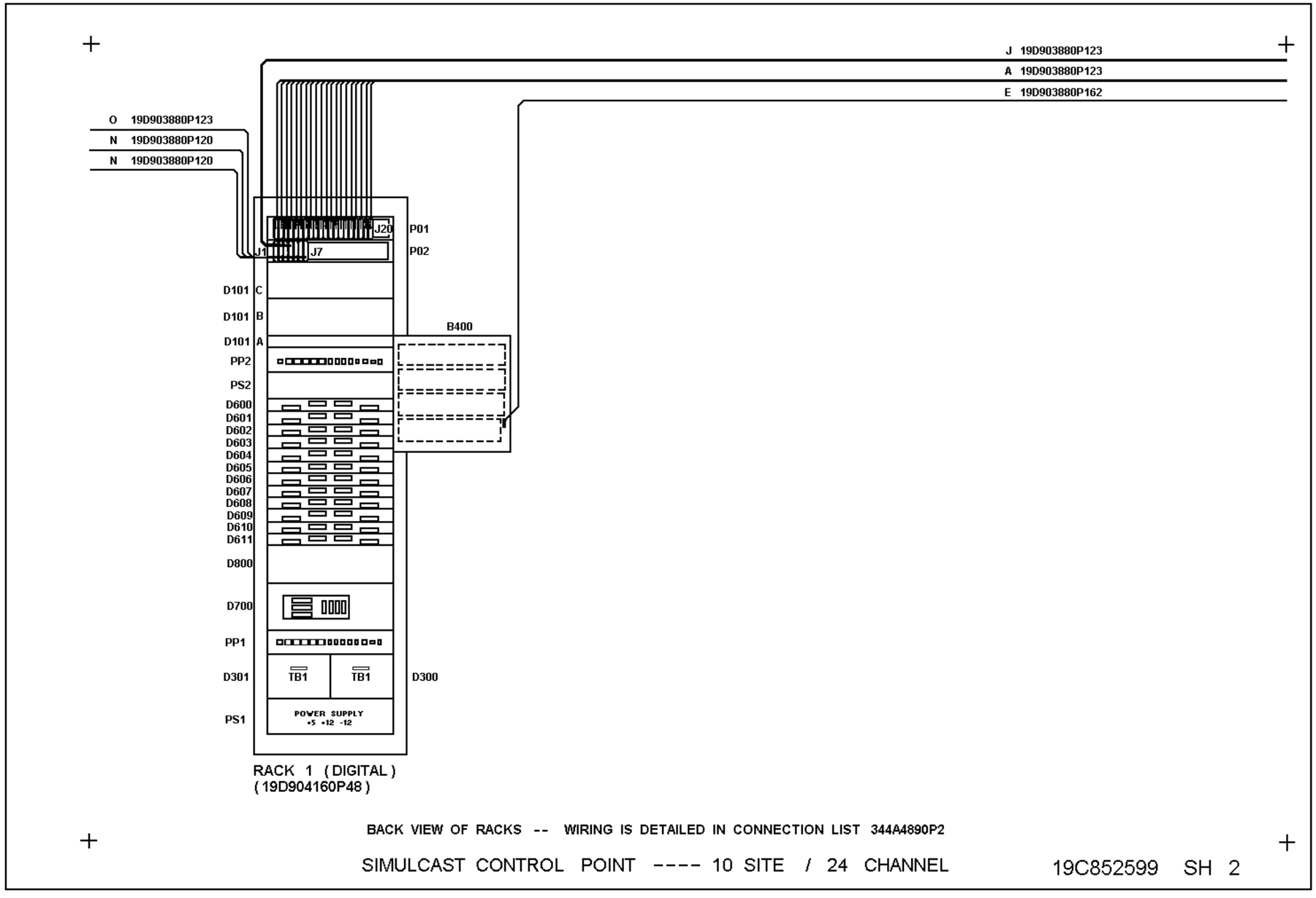
10 SITE 24 CHANNEL CONFIGURATION
Equipment Rackup, Rear View

(19D904160, Sh. 33, Rev. 1)



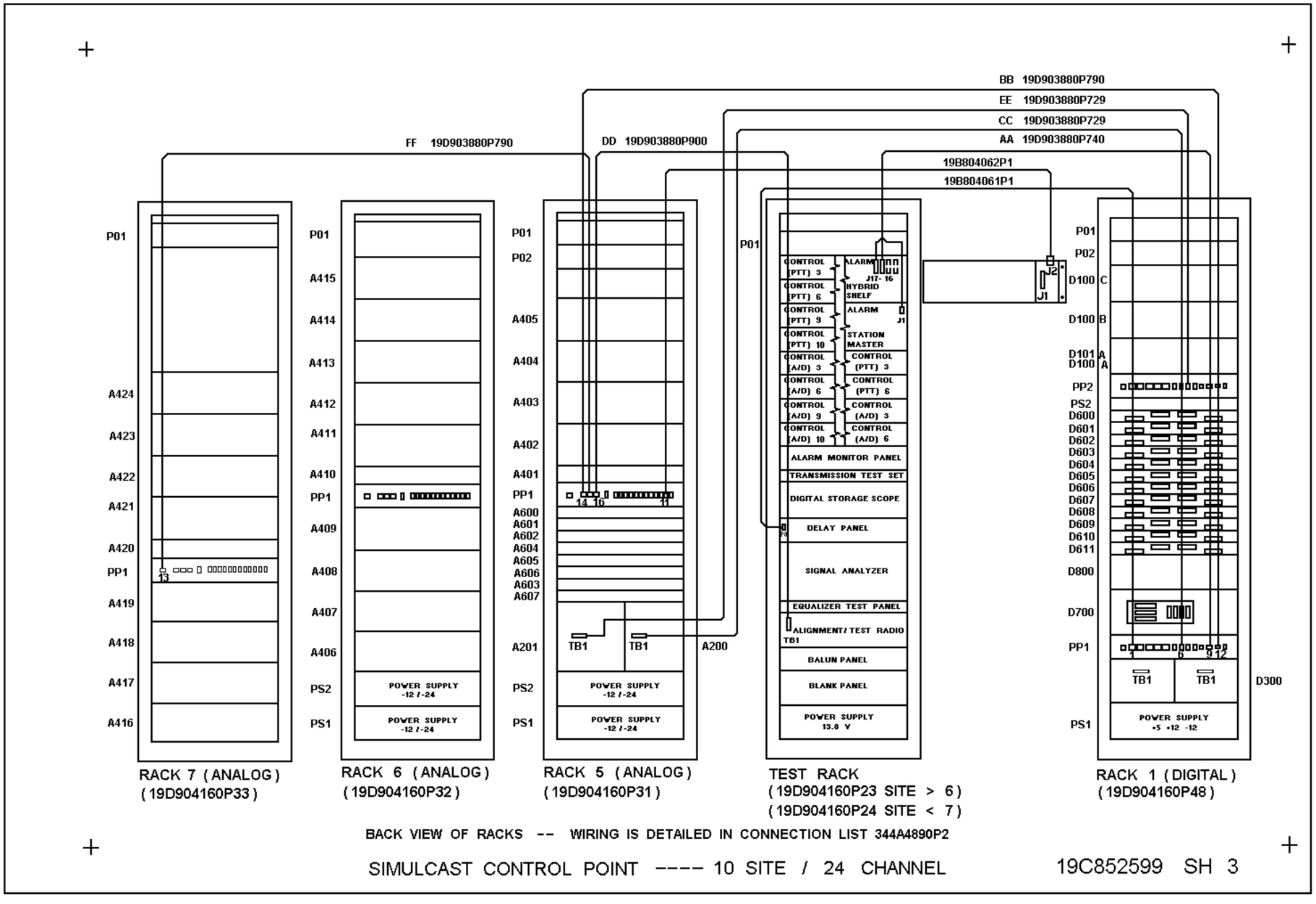
10 SITE 24 CHANNEL CONFIGURATION
Interrack Signal Cabling

(19C852599, Sh. 1, Rev. 2)



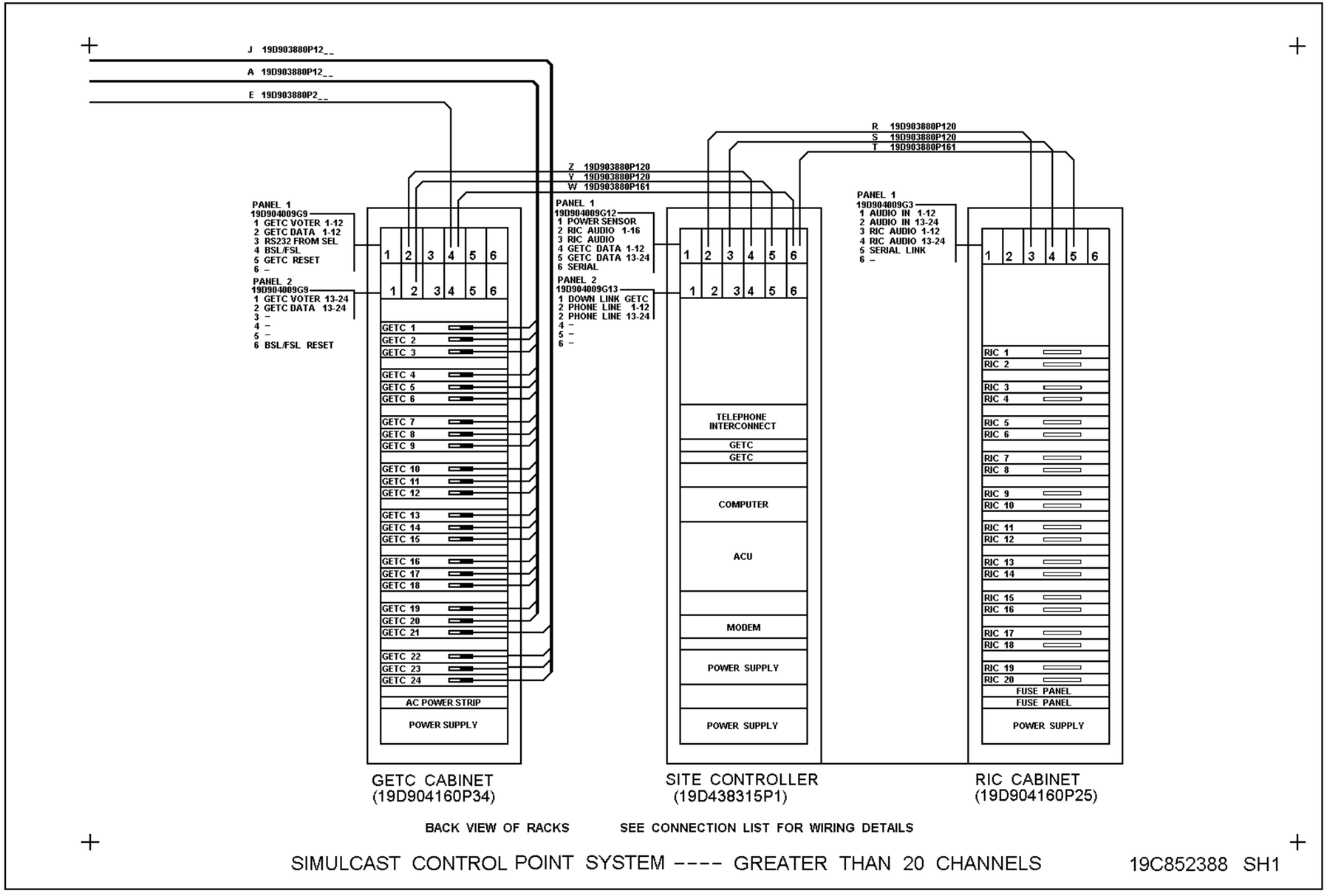
10 SITE 24 CHANNEL CONFIGURATION
Interrack Signal Cabling

(19C852599, Sh. 2, Rev. 2)



10 SITE 24 CHANNEL CONFIGURATION
Interrack Signal Cabling

(19C852599, Sh. 3, Rev. 2)



10 SITE 24 CHANNEL CONFIGURATION
Interrack Signal Cabling (24 Channel Operation)

(19C852388, Rev. 0)

10 SITE 24 CHANNEL -----CABINET TO CABINET CABLES (FIELD)

PART 2

CABINET TO CABINET CABLES (RS232 DATA VERSION)

RACK #1 CONNECTOR PANEL 01	P01	GETC RACK #	GETC CH 01	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P02	GETC RACK #	GETC CH 02	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P03	GETC RACK #	GETC CH 03	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P04	GETC RACK #	GETC CH 04	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P05	GETC RACK #	GETC CH 05	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P06	GETC RACK #	GETC CH 06	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P07	GETC RACK #	GETC CH 07	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P08	GETC RACK #	GETC CH 08	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P09	GETC RACK #	GETC CH 09	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P10	GETC RACK #	GETC CH 10	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P11	GETC RACK #	GETC CH 11	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P12	GETC RACK #	GETC CH 12	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P13	GETC RACK #	GETC CH 13	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P14	GETC RACK #	GETC CH 14	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P15	GETC RACK #	GETC CH 15	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P16	GETC RACK #	GETC CH 16	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P17	GETC RACK	GETC CH 17	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P18	GETC RACK	GETC CH 18	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P19	GETC RACK #	GETC CH 19	19D903880P123	A
RACK #1 CONNECTOR PANEL 01	P20	GETC RACK #	GETC CH 20	19D903880P123	A
RACK #1 CONNECTOR PANEL 02	P01	GETC RACK #	GETC CH 21	19D903880P123	J
RACK #1 CONNECTOR PANEL 02	P02	GETC RACK #	GETC CH 22	19D903880P123	J
RACK #1 CONNECTOR PANEL 02	P03	GETC RACK #	GETC CH 23	19D903880P123	J
RACK #1 CONNECTOR PANEL 02	P04	GETC RACK #	GETC CH 24	19D903880P123	J
RACK #1 CONNECTOR PANEL 02	P05	RACK TEST	CONNECTOR PANEL 01 P12	19D903880P120	N
RACK #1 CONNECTOR PANEL 02	P06	RACK TEST	CONNECTOR PANEL 01 P13	19D903880P120	N
RACK #1 CONNECTOR PANEL 02	P07	RACK #5	CONNECTOR PANEL 02 P01	19D903880P123	O
RACK #1 CONNECTOR PANEL 02	P08	FIELD INSTAL DIGITAL ALARMS			
DIGITAL CROSS CONNECT	P97	GETC CAB. SYNCCTRL BSL/FSL	J24	19D903880P162	E
RACK #5 CONNECTOR PANEL 02	P02	FIELD INSTAL ANALOG BSEL			
RACK #5 CONNECTOR PANEL 01	P01	RACK #6	CONNECTOR PANEL 01 P01	19D903880P120	P
RACK #5 CONNECTOR PANEL 01	P02	RACK #6	CONNECTOR PANEL 01 P02	19D903880P120	P
RACK #5 CONNECTOR PANEL 01	P03	RACK #6	CONNECTOR PANEL 01 P03	19D903880P120	P
RACK #5 CONNECTOR PANEL 01	P04	RACK #6	CONNECTOR PANEL 01 P04	19D903880P120	P
RACK #5 CONNECTOR PANEL 01	P05	RACK #6	CONNECTOR PANEL 01 P05	19D903880P120	P
RACK #5 CONNECTOR PANEL 01	P06	RACK #6	CONNECTOR PANEL 01 P06	19D903880P120	P
RACK #5 CONNECTOR PANEL 01	P07	RACK #6	CONNECTOR PANEL 01 P07	19D903880P120	P
RACK #5 CONNECTOR PANEL 01	P08	RACK #6	CONNECTOR PANEL 01 P08	19D903880P120	P
RACK #5 CONNECTOR PANEL 01	P09	RACK #6	CONNECTOR PANEL 01 P09	19D903880P120	P
RACK #5 CONNECTOR PANEL 01	P10	RACK #6	CONNECTOR PANEL 01 P10	19D903880P120	P
RACK #5 CONNECTOR PANEL 01	P20	RACK #6	CONNECTOR PANEL 01 P12	19D903880P122	P
RACK #6 CONNECTOR PANEL 01	P11	RACK #7	CONNECTOR PANEL 01 P10	19D903880P120	S
RACK #5 CONNECTOR PANEL 01	P11	RACK #7	CONNECTOR PANEL 01 P01	19D903880P122	R
RACK #5 CONNECTOR PANEL 01	P12	RACK #7	CONNECTOR PANEL 01 P02	19D903880P122	R
RACK #5 CONNECTOR PANEL 01	P13	RACK #7	CONNECTOR PANEL 01 P03	19D903880P122	R
RACK #5 CONNECTOR PANEL 01	P14	RACK #7	CONNECTOR PANEL 01 P04	19D903880P122	R
RACK #5 CONNECTOR PANEL 01	P15	RACK #7	CONNECTOR PANEL 01 P05	19D903880P122	R
RACK #5 CONNECTOR PANEL 01	P16	RACK #7	CONNECTOR PANEL 01 P06	19D903880P120	R
RACK #5 CONNECTOR PANEL 01	P17	RACK #7	CONNECTOR PANEL 01 P07	19D903880P120	R
RACK #5 CONNECTOR PANEL 01	P18	RACK #7	CONNECTOR PANEL 01 P08	19D903880P120	R
RACK #5 CONNECTOR PANEL 01	P19	RACK #7	CONNECTOR PANEL 01 P09	19D903880P120	R
PP1 RACK #1 POWER PANEL #01	J09	TEST RACK HYBRID SHELF POWER HYBRID SHELF GROUND	ALARM SHELF TB1	19D903880P740	AA
PP1 RACK #7 POWER PANEL #01	J13	RACK #5	POWER PANEL #01 J15	19D903880P790	FF
PP1 RACK #1 POWER PANEL #01	J12	RACK #5	POWER PANEL #01(-24) J14	19D903880P790	BB
PP1 RACK #1 POWER PANEL #01	J06	RACK #5	ANALOG DELAY SHELF TB1(A200)	19D903880P729	CC
PP1 RACK #1 POWER PANEL #02	J06A	RACK #5	ANALOG DELAY SHELF TB1(A201)	19D903880P729	EE
PP1 RACK #5 POWER PANEL #01	J16	TEST RACK ALIGNMENT REC	TB1	19D903880P900	DD
CC TEST RACK ALARM COMPUTER	J01	TEST RACK ALARM SHELF**	J08	19D903985P72	
PP1 RACK #1 POWER PANEL #01	J01	TEST RACK DELAY PANEL	P08	19B804061P1	
PP1 RACK #5 POWER PANEL #01	J11	TEST RACK CPR MODULE	J02	19B804062P1	

**LOCATED IN TEST RACK FOR SITE=1-6 LOCATED IN RACK 1 SITE=7-10

SITE CONTROLLER TO THE GETC RACK AND TO THE RIC RACK

GETC RACK						CABLE	LENGTH
PANEL 1 MODULE 2	GETC DATA 1-12	J14	SITE CNTL PANEL 1 MODULE 4	J14	Z	19D903880P120	5’
PANEL 1 MODULE 1							
PANEL 1 MODULE 3							
PANEL 1 MODULE 4	BSL/FSL	J21	SITE CNTL PANEL 1 MODULE 6	J07	W	19D903880P161	6’
PANEL 1 MODULE 5	GETC RESET						
PANEL 1 MODULE 6							
PANEL 2 MODULE 2	GETC DATA 13-24	J14	SITE CNTL PANEL 1 MODULE 5	J14	V	19D903880P120	5’

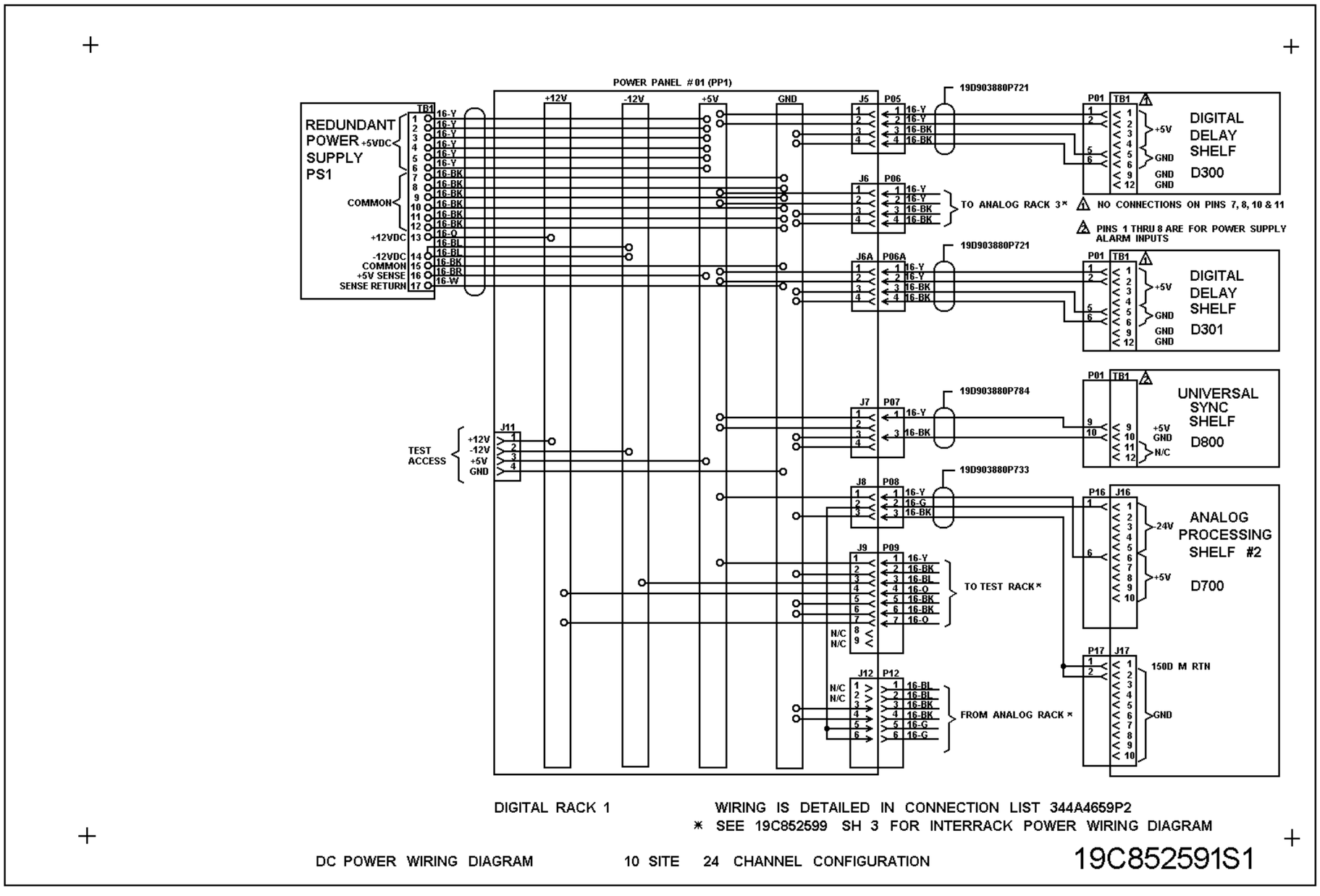
RIC RACK						
PANEL 1 MODULE 3	RIC AUDIO (LIX)1-12	J14	SITE CNTL PANEL 1 MOD2	J14	R	19D903880P120 5’
PANEL 1 MODULE 4	RIC AUDIO (LIX)13-24	J14	SITE CNTL PANEL 1 MOD3	J14	S	19D903880P120 5’
PANEL 1 MODULE 5	SERIAL LINK	J21	SITE CNTL PANEL 1 MOD6	J04	T	19D903880P161 6’
PANEL 1 MODULE 6						

SITE CONTROLLER					
PANEL 2 MODULE 2	EXTERNAL PHONE LINE 1-12 CONNECTION (TO PLA MODULE)				
PANEL 2 MODULE 3	EXTERNAL PHONE LINE 13-24 CONNECTION (TO PLA MODULE)				
RACK 7 ISO MODULE*		J08	SITE CNTL ACU	J04	19D903880P121
RACK 7 ISO MODULE*		J09	SITE CNTL ACU	J05	19D903880P121

*ISO MODULE IS IN TEST RACK FOR SITE=1-6

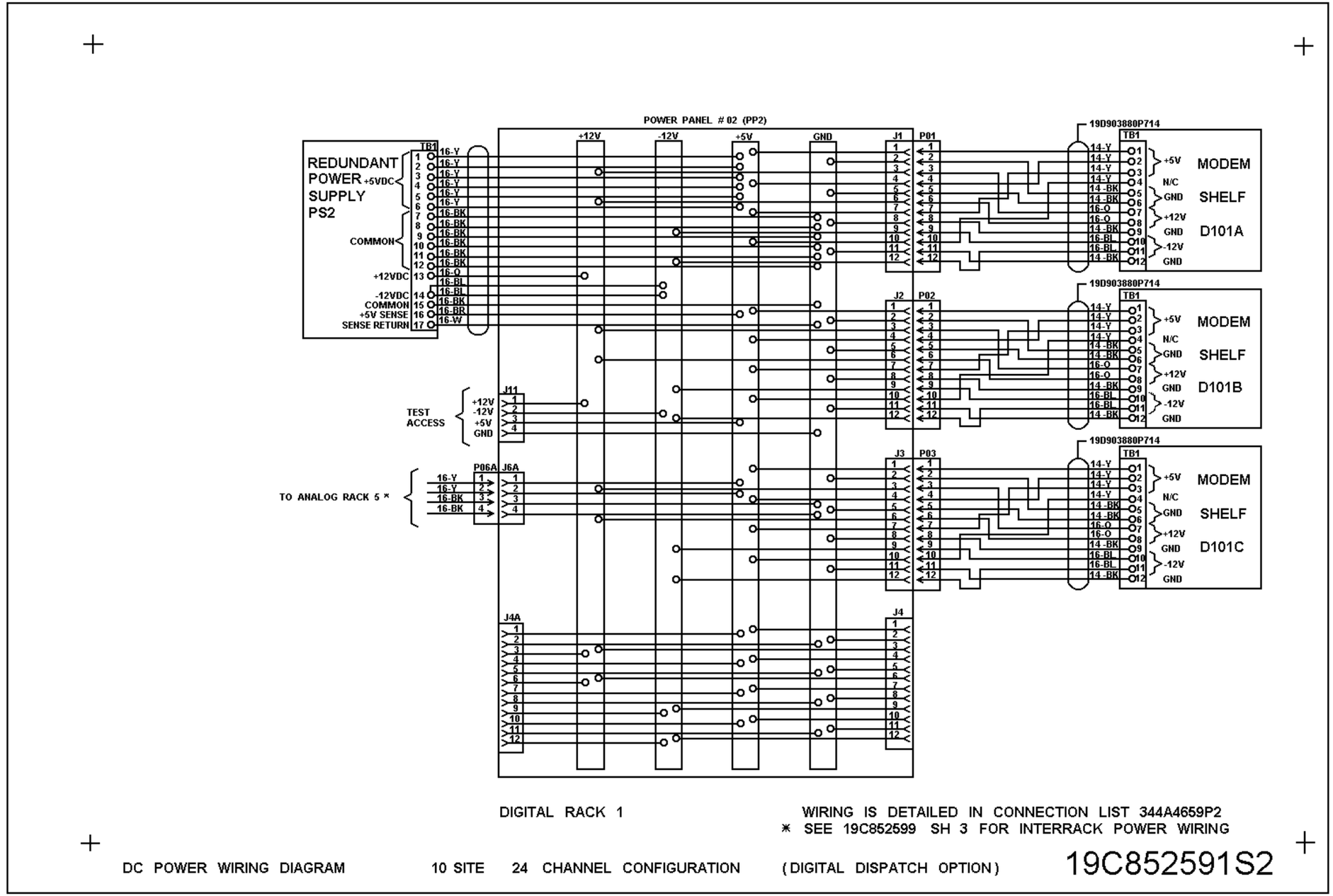
10 SITE 24 CHANNEL CONFIGURATION
Interrack Wiring, RS-232 Version

(344A4890, Sh. 4, Rev. 1)
(344A4890, Sh. 5, Rev. 1)
(344A4890, Sh. 6, Rev. 1)



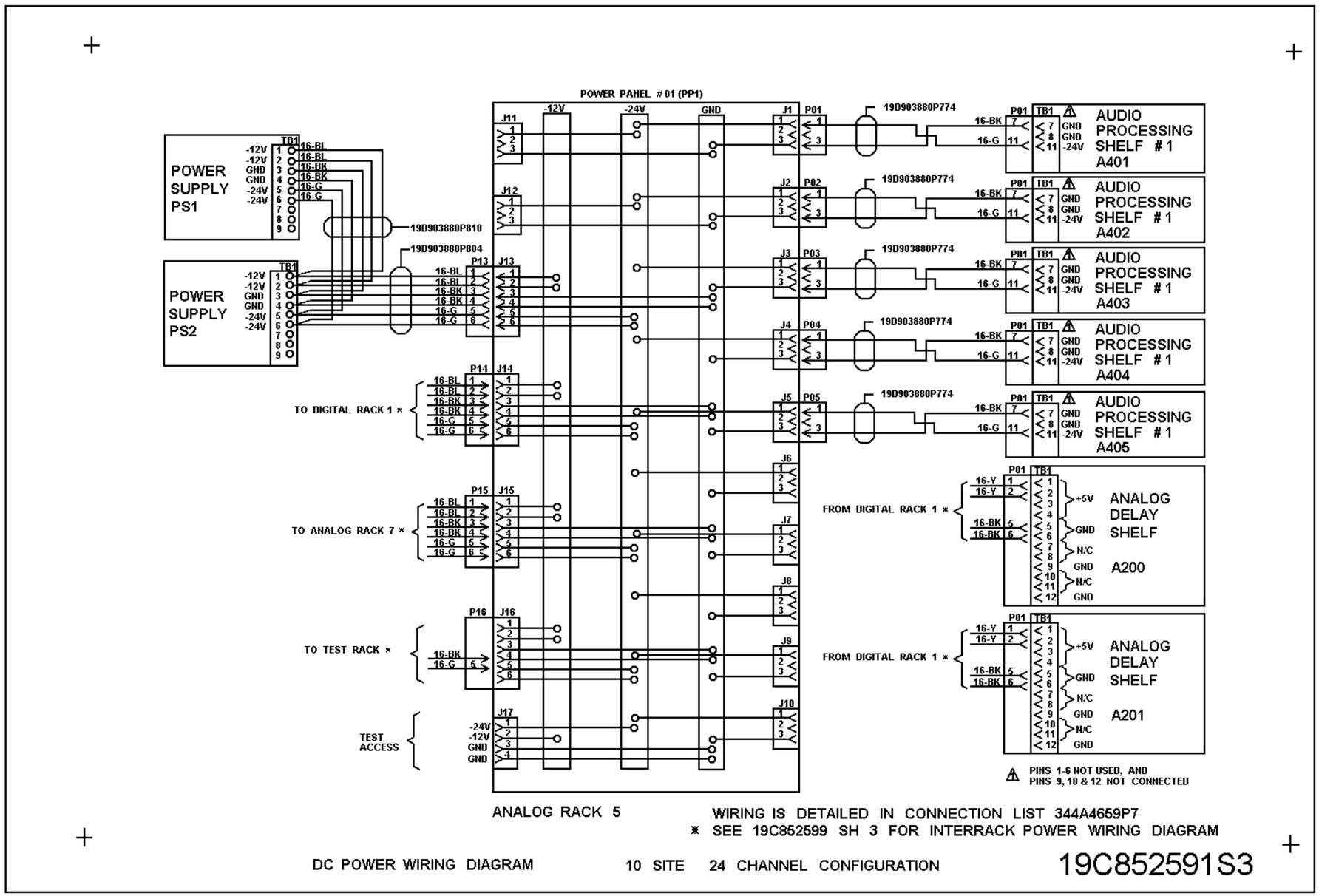
10 SITE 24 CHANNEL CONFIGURATION
Digital Rack 1

(19C852591, Sh. 1, Rev. 0)



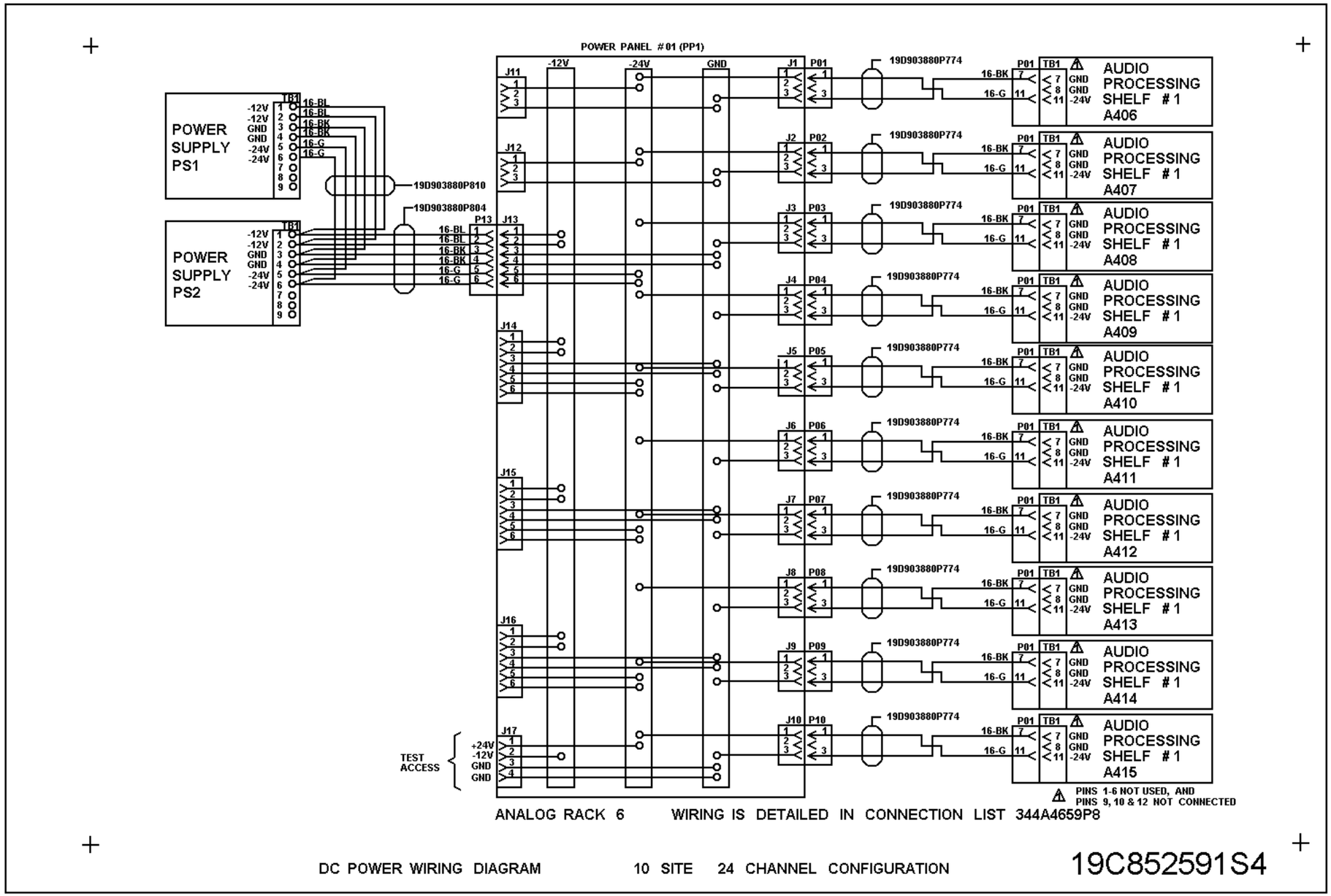
10 SITE 24 CHANNEL CONFIGURATION
Digital Rack 1 With Digital Dispatch Option

(19C852591, Sh. 2, Rev. 0)



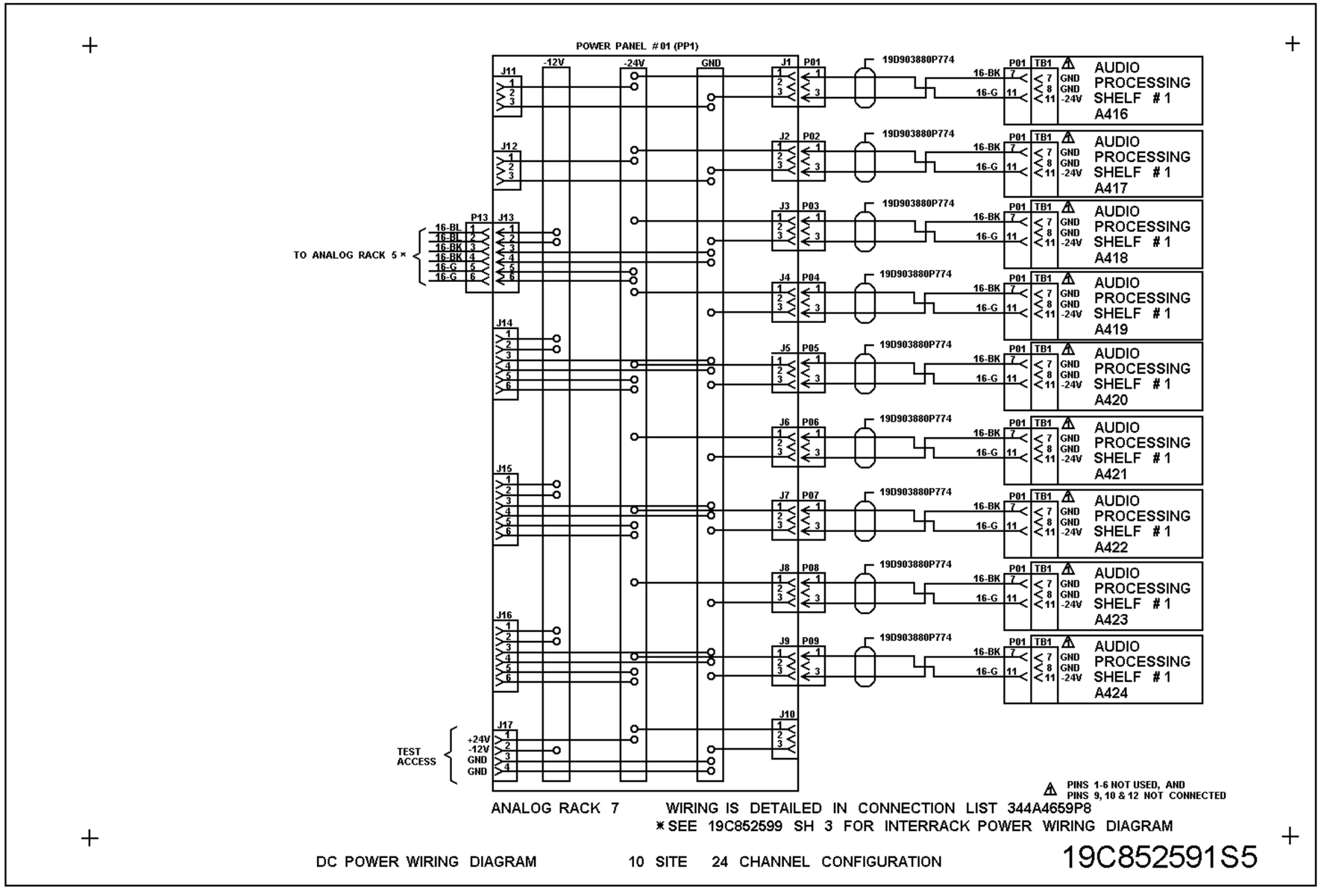
10 SITE 24 CHANNEL CONFIGURATION
Analog Rack 5

(19C852591, Sh. 3, Rev. 0)



10 SITE 24 CHANNEL CONFIGURATION
Analog Rack 6

(19C852591, Sh. 4, Rev. 0)



10 SITE 24 CHANNEL CONFIGURATION
Analog Rack 7

(19C852591, Sh. 5, Rev. 0)

FOR CABINET TO CABINET AND EXTERNAL WIRING SEE 344A4890

PART 1 MODULE IDENTIFICATION

SHELF AND MODULE NUMBERS

DIGITAL DELAY SHELF	19D902531G5
DIGITAL DELAY MODULE	19D902524P1
ANALOG DELAY SHELF	19D902531G7
ANALOG DELAY MODULE	19D902526P1
ANALOG PROCESSING SHELF #1	19D902543G1
COMPRESSOR MODULE	19A149739P1
AUDIO BRIDGE MODULE	19D902458P1
EQUALIZER MODULE	19A149738P1
UNIVERSAL SYNC SHELF	19D902541G1
ALARM MODULE	19D902334P1
DIGITAL SELECTOR (150BAUD/CLK)	19D902519P1
2400 BAUD MODEM MODULE	19D902521P1
UNIVERSAL SYNC MODULE	19D902517P1
ANALOG PROCESSING SHELF #2	19D902544G1
AUDIO BRIDGE MODULE	19D902458P1
MULTITONE I/F MODULE	19D902515P1
MODEM SHELF (DIG DISP OPT ONLY)	19D902542G1
MODEM I/F MODULE (9600 BAUD)	19D902442P1
MODEM MODULE (9600 BAUD)	19A705178P1

MODULE LOCATION IN RACKS

DIGITAL DELAY SHELF D300

DIGITAL

SLOT 01	DIGITAL DELAY MODULE	SITE #01	CHANNELS 1-10
		SITE #02	CHANNELS 1-10
SLOT 02	DIGITAL DELAY MODULE	SITE #03	CHANNELS 1-10
		SITE #04	CHANNELS 1-10
SLOT 03	DIGITAL DELAY MODULE	SITE #05	CHANNELS 1-10
		SITE #06	CHANNELS 1-10
SLOT 04	DIGITAL DELAY MODULE	SITE #07	CHANNELS 1-10
		SITE #08	CHANNELS 1-10
SLOT 05	DIGITAL DELAY MODULE	SITE #09	CHANNELS 1-10
		SITE #10	CHANNELS 1-10
SLOT 06	DIGITAL DELAY MODULE	SITE #01	CHANNELS 11-20
		SITE #02	CHANNELS 11-20
SLOT 07	DIGITAL DELAY MODULE	SITE #03	CHANNELS 11-20
		SITE #04	CHANNELS 11-20
SLOT 08	DIGITAL DELAY MODULE	SITE #05	CHANNELS 11-20
		SITE #06	CHANNELS 11-20
SLOT 09	DIGITAL DELAY MODULE	SITE #07	CHANNELS 1120
		SITE #08	CHANNELS 1120
SLOT 10	DIGITAL DELAY MODULE	SITE #09	CHANNELS 1120
		SITE #10	CHANNELS 1120

DIGITAL DELAY SHELF D301

SLOT 01	DIGITAL DELAY MODULE	SITE #01	CHANNELS 21-24
		SITE #02	CHANNELS 21-24
SLOT 02	DIGITAL DELAY MODULE	SITE #03	CHANNELS 21-24
		SITE #04	CHANNELS 21-24
SLOT 03	DIGITAL DELAY MODULE	SITE #05	CHANNELS 21-24
		SITE #06	CHANNELS 21-24
SLOT 04	DIGITAL DELAY MODULE	SITE #07	CHANNELS 21-24
		SITE #08	CHANNELS 21-24
SLOT 05	DIGITAL DELAY MODULE	SITE #09	CHANNELS 21-24
		SITE #10	CHANNELS 21-24

UNIVERSAL SYN SHELF

SLOT 01	ALARM MODULE	
SLOT 02	DIGITAL SELECTOR MODULE (150 BAUD)	
SLOT 03	2400 BAUD MODEM	
SLOT 05	UNIVERSAL SYNC MODULE	CHANNELS 01-04
SLOT 06	UNIVERSAL SYNC MODULE	CHANNELS 05-08
SLOT 07	UNIVERSAL SYNC MODULE	CHANNELS 09-12
SLOT 08	UNIVERSAL SYNC MODULE	CHANNELS 13-16
SLOT 09	UNIVERSAL SYNC MODULE	CHANNELS 17-20
SLOT 10	UNIVERSAL SYNC MODULE	CHANNELS 21-24
SLOT 12	DIGITAL SELECTOR MODULE (9.6 CLOCK)	

ANALOG PROCESSING SHELF #2

SLOT 01	AUDIO BRIDGE (150 BAUD)	
SLOT 02	MULTITONE I/F MODULE	SITE 01-04
SLOT 03	MULTITONE I/F MODULE	SITE 05-08
SLOT 04	MULTITONE I/F MODULE	SITE 09-10

MODEM SHELF (DIG DISP OPT ONLY)

SLOT 01	MODEM INTERFACE MODULE SITE #XX
SLOT 02	MODEM MODULE (9600 BAUD) CHANNEL 01/11/21
SLOT 03	MODEM INTERFACE MODULE
SLOT 04	MODEM MODULE (9600 BAUD) CHANNEL 02/12/22
SLOT 05	MODEM INTERFACE MODULE
SLOT 06	MODEM MODULE (9600 BAUD) CHANNEL 03/13/23
SLOT 07	MODEM INTERFACE MODULE
SLOT 08	MODEM MODULE (9600 BAUD) CHANNEL 04/14/24
SLOT 09	MODEM INTERFACE MODULE
SLOT 10	MODEM MODULE (9600 BAUD) CHANNEL 05/15
SLOT 11	MODEM INTERFACE MODULE
SLOT 12	MODEM MODULE (9600 BAUD) CHANNEL 06/16
SLOT 13	MODEM INTERFACE MODULE
SLOT 14	MODEM MODULE (9600 BAUD) CHANNEL 07/17
SLOT 15	MODEM INTERFACE MODULE
SLOT 16	MODEM MODULE (9600 BAUD) CHANNEL 08/18
SLOT 17	MODEM INTERFACE MODULE
SLOT 18	MODEM MODULE (9600 BAUD) CHANNEL 09/19
SLOT 19	MODEM INTERFACE MODULE
SLOT 20	MODEM MODULE (9600 BAUD) CHANNEL 10/20

4 SITE 20 CHANNEL CONFIGURATION
Module Identification(Part 1)

(344A4659, Sh. 1, Rev. 2)
(344A4659, Sh. 2, Rev. 2)
(344A4659, Sh. 3, Rev. 2)

ANALOG DELAY SHELF
ANALOG DELAY A200
SLOT 01 ANALOG DELAY MODULE SITE #01 CHANNELS 0110 2122 150DATA
SLOT 02 ANALOG DELAY MODULE SITE #01 CHANNELS 1120 2324
SLOT 03 ANALOG DELAY MODULE SITE #02 CHANNELS 0110 2122 150DATA
SLOT 04 ANALOG DELAY MODULE SITE #02 CHANNELS 1120 2324
SLOT 05 ANALOG DELAY MODULE SITE #03 CHANNELS 0110 2122 150DATA
SLOT 06 ANALOG DELAY MODULE SITE #03 CHANNELS 1120 2324
SLOT 07 ANALOG DELAY MODULE SITE #04 CHANNELS 0110 2122 150DATA
SLOT 08 ANALOG DELAY MODULE SITE #04 CHANNELS 1120 2324
SLOT 09 ANALOG DELAY MODULE SITE #05 CHANNELS 0110 2122 150DATA
SLOT 10 ANALOG DELAY MODULE SITE #05 CHANNELS 1120 2324

ANALOG DELAY A201
SLOT 01 ANALOG DELAY MODULE SITE #06 CHANNELS 0112 2122 150DATA
SLOT 02 ANALOG DELAY MODULE SITE #06 CHANNELS 1124 2324
SLOT 03 ANALOG DELAY MODULE SITE #07 CHANNELS 0112 2122 150DATA
SLOT 04 ANALOG DELAY MODULE SITE #07 CHANNELS 1124 2324
SLOT 05 ANALOG DELAY MODULE SITE #08 CHANNELS 0112 2122 150DATA
SLOT 06 ANALOG DELAY MODULE SITE #08 CHANNELS 1124 2324
SLOT 07 ANALOG DELAY MODULE SITE #09 CHANNELS 0112 2122 150DATA
SLOT 08 ANALOG DELAY MODULE SITE #09 CHANNELS 1124 2324
SLOT 09 ANALOG DELAY MODULE SITE #10 CHANNELS 0112 2122 150DATA
SLOT 10 ANALOG DELAY MODULE SITE #10 CHANNELS 1124 2324

AUDIO PROCESSING SHELF #1
SLOT #1 COMPRESSOR
SLOT #2 AUDIO BRIDGE
SLOT #3 EQUALIZER SITE #1
SLOT #4 EQUALIZER SITE #2
SLOT #5 EQUALIZER SITE #3
SLOT #6 EQUALIZER SITE #4
SLOT #7 EQUALIZER SITE #5
SLOT #8 EQUALIZER SITE #6
SLOT #9 EQUALIZER SITE #7
SLOT #10 EQUALIZER SITE #8
SLOT #11 EQUALIZER SITE #9
SLOT #12 EQUALIZER SITE #10

PART 2 RACK 1 (19D904160P48) CONNECTION LIST

SITE	CHAN.	FROM				TO				CABLE
A	C01	DIG.	CROSS	CONN.	J01	CONN.	PANEL	#01	P01	19D903985P26
A	C02	DIG.	CROSS	CONN.	J02	CONN.	PANEL	#01	P02	19D903985P26
A	C03	DIG.	CROSS	CONN.	J03	CONN.	PANEL	#01	P03	19D903985P26
A	C04	DIG.	CROSS	CONN.	J04	CONN.	PANEL	#01	P04	19D903985P26
A	C05	DIG.	CROSS	CONN.	J05	CONN.	PANEL	#01	P05	19D903985P26
A	C06	DIG.	CROSS	CONN.	J06	CONN.	PANEL	#01	P06	19D903985P26
A	C07	DIG.	CROSS	CONN.	J07	CONN.	PANEL	#01	P07	19D903985P26
A	C08	DIG.	CROSS	CONN.	J08	CONN.	PANEL	#01	P08	19D903985P26
A	C09	DIG.	CROSS	CONN.	J09	CONN.	PANEL	#01	P09	19D903985P26
A	C10	DIG.	CROSS	CONN.	J10	CONN.	PANEL	#01	P10	19D903985P26
A	C11	DIG.	CROSS	CONN.	J11	CONN.	PANEL	#01	P11	19D903985P26
A	C12	DIG.	CROSS	CONN.	J12	CONN.	PANEL	#01	P12	19D903985P26
A	C13	DIG.	CROSS	CONN.	J13	CONN.	PANEL	#01	P13	19D903985P26
A	C14	DIG.	CROSS	CONN.	J14	CONN.	PANEL	#01	P14	19D903985P26
A	C15	DIG.	CROSS	CONN.	J15	CONN.	PANEL	#01	P15	19D903985P26
A	C16	DIG.	CROSS	CONN.	J16	CONN.	PANEL	#01	P16	19D903985P26
A	C17	DIG.	CROSS	CONN.	J17	CONN.	PANEL	#01	P17	19D903985P26
A	C18	DIG.	CROSS	CONN.	J18	CONN.	PANEL	#01	P18	19D903985P26
A	C19	DIG.	CROSS	CONN.	J19	CONN.	PANEL	#01	P19	19D903985P26
A	C20	DIG.	CROSS	CONN.	J20	CONN.	PANEL	#01	P20	19D903985P26
A	C21	DIG.	CROSS	CONN.	J21	CONN.	PANEL	#02	P01	19D903985P26
A	C22	DIG.	CROSS	CONN.	J22	CONN.	PANEL	#02	P02	19D903985P26
A	C23	DIG.	CROSS	CONN.	J23	CONN.	PANEL	#02	P03	19D903985P26
A	C24	DIG.	CROSS	CONN.	J24	CONN.	PANEL	#02	P04	19D903985P26
		DIG.	CROSS	CONN.	J25		NC			
A	A	DIG.	CROSS	CONN.	J26	JACKFIELD D600			P01	19D903985P24
S01	C01-10	DIG.	CROSS	CONN.	J27	DIG. DELAY D300			P01	19D903985P16
S02	C01-10	DIG.	CROSS	CONN.	J28	DIG. DELAY D300			P02	19D903985P16
S03	C01-10	DIG.	CROSS	CONN.	J29	DIG. DELAY D300			P03	19D903985P16
S04	C01-10	DIG.	CROSS	CONN.	J30	DIG. DELAY D300			P04	19D903985P16
S05	C01-10	DIG.	CROSS	CONN.	J31	DIG. DELAY D300			P05	19D903985P16
S06	C01-10	DIG.	CROSS	CONN.	J32	DIG. DELAY D300			P06	19D903985P16
S07	C01-10	DIG.	CROSS	CONN.	J33	DIG. DELAY D300			P07	19D903985P16
S08	C01-10	DIG.	CROSS	CONN.	J34	DIG. DELAY D300			P08	19D903985P16
S09	C01-10	DIG.	CROSS	CONN.	J35	DIG. DELAY D300			P09	19D903985P16
S10	C01-10	DIG.	CROSS	CONN.	J36	DIG. DELAY D300			P10	19D903985P16
S01	C11-20	DIG.	CROSS	CONN.	J37	DIG. DELAY D300			P11	19D903985P16
S02	C11-20	DIG.	CROSS	CONN.	J38	DIG. DELAY D300			P12	19D903985P16
S03	C11-20	DIG.	CROSS	CONN.	J39	DIG. DELAY D300			P13	19D903985P16
S04	C11-20	DIG.	CROSS	CONN.	J40	DIG. DELAY D300			P14	19D903985P16
S05	C11-20	DIG.	CROSS	CONN.	J41	DIG. DELAY D300			P15	19D903985P16
S06	C11-20	DIG.	CROSS	CONN.	J42	DIG. DELAY D300			P16	19D903985P16
S07	C11-20	DIG.	CROSS	CONN.	J43	DIG. DELAY D300			P17	19D903985P16
S08	C11-20	DIG.	CROSS	CONN.	J44	DIG. DELAY D300			P18	19D903985P16
S09	C11-20	DIG.	CROSS	CONN.	J45	DIG. DELAY D300			P19	19D903985P16
S10	C11-20	DIG.	CROSS	CONN.	J46	DIG. DELAY D300			P20	19D903985P16

10 SITE 24 CHANNEL CONFIGURATION
Module Identification (Part 1)
Rack 1 (19D904160P48) Connection List (Part 2)

(344A4659, Sh. 3, Rev. 2)
(344A4659, Sh. 4, Rev. 2)
(344A4659, Sh. 5, Rev. 1)

SITE	CHAN.	FROM				TO		CABLE
S01	C21-24	DIG.	CROSS	CONN.	J47	DIG. DELAY D301	P01	19D903985P18
S02	C21-24	DIG.	CROSS	CONN.	J48	DIG. DELAY D301	P02	19D903985P18
S03	C21-24	DIG.	CROSS	CONN.	J49	DIG. DELAY D301	P03	19D903985P18
S04	C21-24	DIG.	CROSS	CONN.	J50	DIG. DELAY D301	P04	19D903985P18
S05	C21-24	DIG.	CROSS	CONN.	J51	DIG. DELAY D301	P05	19D903985P18
S06	C21-24	DIG.	CROSS	CONN.	J52	DIG. DELAY D301	P06	19D903985P18
S07	C21-24	DIG.	CROSS	CONN.	J53	DIG. DELAY D301	P07	19D903985P18
S08	C21-24	DIG.	CROSS	CONN.	J54	DIG. DELAY D301	P08	19D903985P18
S09	C21-24	DIG.	CROSS	CONN.	J55	DIG. DELAY D301	P09	19D903985P18
S10	C21-24	DIG.	CROSS	CONN.	J56	DIG. DELAY D301	P10	19D903985P18
S01	A	DIG.	CROSS	CONN.	J57	JACKFIELD D602	P01	19D903985P24
S02	A	DIG.	CROSS	CONN.	J58	JACKFIELD D603	P01	19D903985P24
S03	A	DIG.	CROSS	CONN.	J59	JACKFIELD D604	P01	19D903985P24
S04	A	DIG.	CROSS	CONN.	J60	JACKFIELD D605	P01	19D903985P24
S05	A	DIG.	CROSS	CONN.	J61	JACKFIELD D606	P01	19D903985P24
S06	A	DIG.	CROSS	CONN.	J62	JACKFIELD D607	P01	19D903985P24
S07	A	DIG.	CROSS	CONN.	J63	JACKFIELD D608	P01	19D903985P24
S08	A	DIG.	CROSS	CONN.	J64	JACKFIELD D609	P01	19D903985P24
S09	A	DIG.	CROSS	CONN.	J65	JACKFIELD D610	P01	19D903985P24
S10	A	DIG.	CROSS	CONN.	J66	JACKFIELD D611	P01	19D903985P24
		DIG.	CROSS	CONN.	J67	UNIV. SYNC D800	P01	19D903985P16
		DIG.	CROSS	CONN.	J68	UNIV. SYNC D800	P02	19D903985P16
A		DIG.	CROSS	CONN.	J69	UNIV. SYNC D800	P03	19D903985P16
A		DIG.	CROSS	CONN.	J70	UNIV. SYNC D800	P04	19D903985P16
A	C01-04	DIG.	CROSS	CONN.	J71	UNIV. SYNC D800	P05	19D903985P16
A	C05-08	DIG.	CROSS	CONN.	J72	UNIV. SYNC D800	P06	19D903985P16
A	C09-12	DIG.	CROSS	CONN.	J73	UNIV. SYNC D800	P07	19D903985P16
A	C13-16	DIG.	CROSS	CONN.	J74	UNIV. SYNC D800	P08	19D903985P16
A	C17-20	DIG.	CROSS	CONN.	J75	UNIV. SYNC D800	P09	19D903985P16
A	C21-24	DIG.	CROSS	CONN.	J76	UNIV. SYNC D800	P10	19D903985P16
		DIG.	CROSS	CONN.	J77	N/C		
		DIG.	CROSS	CONN.	J78	TIMING MOD.B403	J02	19D903985P16
A	A	DIG.	CROSS	CONN.	J79	AN PROC D700	J01	19D903985P36
A	A	DIG.	CROSS	CONN.	J80	CONN. PANEL #02	P05	19D903985P26
A	A	DIG.	CROSS	CONN.	J81	CONN. PANEL #02	P06	19D903985P26
A		DIG.	CROSS	CONN.	J82	AN. PROC. D700	J03	19D903985P36
A		DIG.	CROSS	CONN.	J83	CONN. PANEL #02	P07	19D903985P26
		DIG.	CROSS	CONN.	J84	CONN. PANEL #02	P08	19D903985P26
A	A	DIG.	CROSS	CONN.	J85	JACKFIELD D601	J01	19D903985P34
A	A	DIG.	CROSS	CONN.	J86	JACKFIELD D601	P01	19D903985P24
S01	A	DIG.	CROSS	CONN.	J87	JACKFIELD D602	P02	19D903985P24
S02	A	DIG.	CROSS	CONN.	J88	JACKFIELD D603	P02	19D903985P24
S03	A	DIG.	CROSS	CONN.	J89	JACKFIELD D604	P02	19D903985P24
S04	A	DIG.	CROSS	CONN.	J90	JACKFIELD D605	P02	19D903985P24
S05	A	DIG.	CROSS	CONN.	J91	JACKFIELD D606	P02	19D903985P24

SITE	CHAN.	FROM				TO		CABLE
S06	A	DIG.	CROSS	CONN.	J92	JACKFIELD D607	P02	19D903985P24
S07	A	DIG.	CROSS	CONN.	J93	JACKFIELD D608	P02	19D903985P24
S08	A	DIG.	CROSS	CONN.	J94	JACKFIELD D609	P02	19D903985P24
S09	A	DIG.	CROSS	CONN.	J95	JACKFIELD D610	P02	19D903985P24
S10	A	DIG.	CROSS	CONN.	J96	JACKFIELD D611	P02	19D903985P24
		DIG.	CROSS	CONN.	J97	N/C		
A	A	DIG.	CROSS	CONN.	J98	JACKFIELD D601	J02	19D903985P34
A	A	DIG.	CROSS	CONN.	J99	JACKFIELD D601	P02	19D903985P24
					J100	NC		
		UNIV. SYNC D800			P12	TIMING MOD.B403	J01	19D903985P16
A		AN. PROC. D700			J02	JACKFIELD D600	P02	19D903985P56
PP1		POWER PANEL #1			P05	DIG. DELAY D300	TB1	19D903880P721
PP1		POWER PANEL #1			P06A	DIG. DELAY D301	TB1	19D903880P721
PP1		POWER PANEL #1			P07	UNIV. SYNC D800	TB1	19D903880P784
PP1		POWER PANEL #1			P08	AN. PROC. D700	P16/17	19D903980P733

PS1	TB101	YELLOW	+5	BUS+5
PS1	TB102	YELLOW	+5	
PS1	TB103	YELLOW	+5	
PS1	TB104	YELLOW	+5	BUS+5
PS1	TB105	YELLOW	+5	
PS1	TB106	YELLOW	+5	
PS1	TB107	BLACK	GND	BUSGD
PS1	TB108	BLACK	GND	
PS1	TB109	BLACK	GND	
PS1	TB110	BLACK	GND	BUSGD
PS1	TB111	BLACK	GND	
PS1	TB112	BLACK	GND	
PS1	TB113	ORANGE	+12	BUS+12
PS1	TB114	BLUE	-12	BUS-12
PS1	TB114	BLUE	-12	BUS-12
PS1	TB115	BLACK	GND	BUSGD
PS1	TB116	BROWN	+5 SENS	BUS+5
PS1	TB117	WHITE	RTN SENS	BUSGD

DIGITAL DISPATCH OPTION

A	A	MODEM SH. D101A	J04	JACKFIELD D600	J01	19D903985P34
A	C1124	MODEM SH. D101A	J04A	MODEM SH. D101B	J04	19D903985P12
A	C0110	MODEM SH. D101A	J06	STN.-VOTER MOD.	J01	19D903985P34
A	C1120	MODEM SH. D101B	J06	STN.-VOTER MOD.	J02	19D903985P34
A	C1124	MODEM SH. D101B	J04A	MODEM SH. D101C	J04	19D903985P12
A	C1124	MODEM SH. D101C	J06	STN.-VOTER MOD.	J03	19D903985P34
PP2		POWER PANEL #02	P01	MODEM SH. D101A	TB1	19D903880P714
PP2		POWER PANEL #02	P02	MODEM SH. D101B	TB1	19D903880P714
PP2		POWER PANEL #02	P03	MODEM SH. D101CB	TB1	19D903880P714

10 SITE 24 CHANNEL CONFIGURATION
Rack 1 (19D904160P48) Connection List (Part 2)

(344A4659, Sh. 6, Rev. 1)
(344A4659, Sh. 7, Rev. 2)
(344A4659, Sh. 8, Rev. 2)

PS2	TB1-01	YELLOW	+5	BUS+5
PS2	TB1-02	YELLOW	+5	
PS2	TB1-03	YELLOW	+5	
PS2	TB1-04	YELLOW	+5	BUS+5
PS2	TB1-05	YELLOW	+5	
PS2	TB1-06	YELLOW	+5	
PS2	TB1-07	BLACK	GND	BUSGD
PS2	TB1-08	BLACK	GND	
PS2	TB1-09	BLACK	GND	
PS2	TB1-10	BLACK	GND	BUSGD
PS2	TB1-11	BLACK	GND	
PS2	TB1-12	BLACK	GND	
PS2	TB1-13	ORANGE	+12	BUS+12
PS2	TB1-14	BLUE	-12	BUS-12
PS2	TB1-14	BLUE	-12	BUS-12
PS2	TB1-15	BLACK	GND	BUSGD
PS2	TB1-16	BROWN	+5 SENS	BUS+5
PS2	TB1-17	WHITE	RTN SENS	BUSGD

PART 7 RACK #5 CONNECTION LIST

A		JACKFIELD A600	P01	ANALOG PROC SHF A401	J01	19D903985P22
C01		ANALOG CROSS CONNECT	J01	ANALOG PROC SHF A401	J03	19D903985P64
C02		ANALOG CROSS CONNECT	J02	ANALOG PROC SHF A402	J03	19D903985P64
C03		ANALOG CROSS CONNECT	J03	ANALOG PROC SHF A403	J03	19D903985P62
C04		ANALOG CROSS CONNECT	J04	ANALOG PROC SHF A404	J03	19D903985P62
C05		ANALOG CROSS CONNECT	J05	ANALOG PROC SHF A405	J03	19D903985P62
S1	C1-20	ANALOG CROSS CONNECT	J36	ANALOG DELAY SHF A200	P01	19D903985P18
S2	C1-20	ANALOG CROSS CONNECT	J37	ANALOG DELAY SHF A200	P02	19D903985P18
S3	C1-20	ANALOG CROSS CONNECT	J38	ANALOG DELAY SHF A200	P03	19D903985P18
S4	C1-20	ANALOG CROSS CONNECT	J39	ANALOG DELAY SHF A200	P04	19D903985P18
S5	C1-20	ANALOG CROSS CONNECT	J40	ANALOG DELAY SHF A200	P05	19D903985P18
S	1-2-3	ANALOG CROSS CONNECT	J41	ANALOG DELAY SHF A200	P11	19D903985P18
S	4-5	ANALOG CROSS CONNECT	J42	ANALOG DELAY SHF A200	P12	19D903985P18
S1	C1-20	ANALOG DELAY SHF A200	P06	JACKFIELD A600	P02	19D903985P24
S2	C1-20	ANALOG DELAY SHF A200	P07	JACKFIELD A601	P01	19D903985P24
S3	C1-20	ANALOG DELAY SHF A200	P08	JACKFIELD A601	P02	19D903985P24
S4	C1-20	ANALOG DELAY SHF A200	P09	JACKFIELD A602	P01	19D903985P24
S5	C1-20	ANALOG DELAY SHF A200	P10	JACKFIELD A602	P02	19D903985P24
S6	C1-20	ANALOG CROSS CONNECT	J43	ANALOG DELAY SHF A201	P01	19D903985P18
S7	C1-20	ANALOG CROSS CONNECT	J44	ANALOG DELAY SHF A201	P02	19D903985P18
S8	C1-20	ANALOG CROSS CONNECT	J45	ANALOG DELAY SHF A201	P03	19D903985P18
S9	C1-20	ANALOG CROSS CONNECT	J46	ANALOG DELAY SHF A201	P04	19D903985P18
S10	C1-20	ANALOG CROSS CONNECT	J47	ANALOG DELAY SHF A201	P05	19D903985P18
S	6-7-8	ANALOG CROSS CONNECT	J48	ANALOG DELAY SHF A201	P11	19D903985P18
S	9-10	ANALOG CROSS CONNECT	J49	ANALOG DELAY SHF A201	P12	19D903985P18
S6	C1-20	ANALOG DELAY SHF A201	P06	JACKFIELD A604	P01	19D903985P22
S7	C1-20	ANALOG DELAY SHF A201	P07	JACKFIELD A604	P02	19D903985P24
S8	C1-20	ANALOG DELAY SHF A201	P08	JACKFIELD A605	P01	19D903985P22
S9	C1-20	ANALOG DELAY SHF A201	P09	JACKFIELD A605	P02	19D903985P24
S10	C1-20	ANALOG DELAY SHF A201	P10	JACKFIELD A606	P01	19D903985P22
150	DATA	ANALOG DELAY SHF A200	P13	JACKFIELD A603	P01	19D903985P24
150	DATA	ANALOG DELAY SHF A200	P14	ANALOG DELAY SHF A201	P13	19D903985P12

10 SITE 24 CHANNEL CONFIGURATION
Rack 1 (19D904160P48) Connection List (Part 2)
Rack 5 Connection List (Part 7)

(344A4659, Sh. 6, Rev. 1)
(344A4659, Sh. 7, Rev. 2)
(344A4659, Sh. 8, Rev. 2)
(344A4659, Sh. 18, Rev. 2)

C2	ANALOG PROC SHF A401	J02	ANALOG PROC SHF A402	J01	19D903985P12
C3	ANALOG PROC SHF A402	J02	ANALOG PROC SHF A403	J01	19D903985P12
C4	ANALOG PROC SHF A403	J02	ANALOG PROC SHF A404	J01	19D903985P12
C5	ANALOG PROC SHF A404	J02	ANALOG PROC SHF A405	J01	19D903985P12
A406	ANALOG CROSS CONNECT	J06	CONNECTOR PANEL #01	P01	19D903985P44
A407	ANALOG CROSS CONNECT	J07	CONNECTOR PANEL #01	P02	19D903985P44
A408	ANALOG CROSS CONNECT	J08	CONNECTOR PANEL #01	P03	19D903985P44
A409	ANALOG CROSS CONNECT	J09	CONNECTOR PANEL #01	P04	19D903985P44
A410	ANALOG CROSS CONNECT	J10	CONNECTOR PANEL #01	P05	19D903985P44
A411	ANALOG CROSS CONNECT	J11	CONNECTOR PANEL #01	P06	19D903985P44
A412	ANALOG CROSS CONNECT	J12	CONNECTOR PANEL #01	P07	19D903985P44
A413	ANALOG CROSS CONNECT	J13	CONNECTOR PANEL #01	P08	19D903985P44
A414	ANALOG CROSS CONNECT	J14	CONNECTOR PANEL #01	P09	19D903985P44
A415	ANALOG CROSS CONNECT	J15	CONNECTOR PANEL #01	P10	19D903985P44
A416	ANALOG CROSS CONNECT	J16	CONNECTOR PANEL #01	P11	19D903985P44
A417	ANALOG CROSS CONNECT	J17	CONNECTOR PANEL #01	P12	19D903985P44
A418	ANALOG CROSS CONNECT	J18	CONNECTOR PANEL #01	P13	19D903985P44
A419	ANALOG CROSS CONNECT	J19	CONNECTOR PANEL #01	P14	19D903985P44
A420	ANALOG CROSS CONNECT	J20	CONNECTOR PANEL #01	P15	19D903985P44
A421	ANALOG CROSS CONNECT	J21	CONNECTOR PANEL #01	P16	19D903985P44
A422	ANALOG CROSS CONNECT	J22	CONNECTOR PANEL #01	P17	19D903985P44
A423	ANALOG CROSS CONNECT	J23	CONNECTOR PANEL #01	P18	19D903985P44
A424	ANALOG CROSS CONNECT	J24	CONNECTOR PANEL #01	P19	19D903985P44
A405	ANALOG PROC SHELF A405	J02	CONNECTOR PANEL #01	P20	19D903985P22
ACC	ANALOG CROSS CONNECT	J33	CONNECTOR PANEL #02	P01	19D903985P24
ACC	ANALOG CROSS CONNECT	J34	CONNECTOR PANEL #02	P02	19D903985P24

PS1	POWER SUPPLY PS1 TB11/6		POWER SUPPLY PS2 TB11/6		19D903880P810
PS2	POWER PANEL #01	P13			19D903880P804
	P13-01 BLUE	-12	POWER SUPPLY PS2 TB1-	#1	
	P13-02 BLUE	-12	POWER SUPPLY PS2 TB1-	#2	
	P13-03 BLACK	GND	POWER SUPPLY PS2 TB1-	#3	
	P13-04 BLACK	GND	POWER SUPPLY PS2 TB1-	#4	
	P13-05 GREEN	-24	POWER SUPPLY PS2 TB1 -	#5	
	P13-06 GREEN	-24	POWER SUPPLY PS2 TB1 -	#6	
PP1	POWER PANEL #01	P01	ANALOG PROC SHF A401	TB1	19D903880P774
PP1	POWER PANEL #01	P02	ANALOG PROC SHF A402	TB1	19D903880P774
PP1	POWER PANEL #01	P03	ANALOG PROC SHF A403	TB1	19D903880P774
PP1	POWER PANEL #01	P04	ANALOG PROC SHF A404	TB1	19D903880P774
PP1	POWER PANEL #01	P05	ANALOG PROC SHF A405	TB1	19D903880P774

PART 8 RACK #6 CONNECTION LIST

C06	CONNECTOR PANEL #01	P01	ANALOG PROC SHF A406	J03	19D903985P48
C07	CONNECTOR PANEL #01	P02	ANALOG PROC SHF A407	J03	19D903985P48
C08	CONNECTOR PANEL #01	P03	ANALOG PROC SHF A408	J03	19D903985P48
C09	CONNECTOR PANEL #01	P04	ANALOG PROC SHF A409	J03	19D903985P46
C10	CONNECTOR PANEL #01	P05	ANALOG PROC SHF A410	J03	19D903985P46
C11	CONNECTOR PANEL #01	P06	ANALOG PROC SHF A411	J03	19D903985P46
C12	CONNECTOR PANEL #01	P07	ANALOG PROC SHF A412	J03	19D903985P44
C13	CONNECTOR PANEL #01	P08	ANALOG PROC SHF A413	J03	19D903985P44
C14	CONNECTOR PANEL #01	P09	ANALOG PROC SHF A414	J03	19D903985P44
C15	CONNECTOR PANEL #01	P10	ANALOG PROC SHF A415	J03	19D903985P42
C7	ANALOG PROC SHF A406	J02	ANALOG PROC SHF A407	J01	19D903985P12
C8	ANALOG PROC SHF A407	J02	ANALOG PROC SHF A408	J01	19D903985P12
C9	ANALOG PROC SHF A408	J02	ANALOG PROC SHF A409	J01	19D903985P12
C10	ANALOG PROC SHF A409	J02	ANALOG PROC SHF A410	J01	19D903985P12
C11	ANALOG PROC SHF A010	J02	ANALOG PROC SHF A411	J01	19D903985P12
C12	ANALOG PROC SHF A411	J02	ANALOG PROC SHF A412	J01	19D903985P12
C13	ANALOG PROC SHF A412	J02	ANALOG PROC SHF A413	J01	19D903985P12
C14	ANALOG PROC SHF A413	J02	ANALOG PROC SHF A414	J01	19D903985P12
C15	ANALOG PROC SHF A414	J02	ANALOG PROC SHF A415	J01	19D903985P12
A415	ANALOG PROC SHELF A415	J02	CONNECTOR PANEL #01	P11	19D903985P22
A406	ANALOG PROC SHELF A406	J01	CONNECTOR PANEL #01	P12	19D903985P28

PS1	POWER SUPPLY	PS1 TB11/6	POWER SUPPLY PS2 TB11/6		19D903880P810
PS2	POWER PANEL #01	P13	POWER SUPPLY PS2 TB11/6		19D903880P804
	P13-01 BLUE	-12	POWER SUPPLY PS2 TB1-	#1	
	P13-02 BLUE	-12	POWER SUPPLY PS2 TB1-	#2	
	P13-03 BLACK	GND	POWER SUPPLY PS2 TB1-	#3	
	P13-04 BLACK	GND	POWER SUPPLY PS2 TB1-	#4	
	P13-05 GREEN	-24	POWER SUPPLY PS2 TB1-	#5	
	P13-06 GREEN	-24	POWER SUPPLY PS2 TB1-	#6	
PP1	POWER PANEL #01	P01	ANALOG PROC SHF A406 TB1		19D903880P774
PP1	POWER PANEL #01	P02	ANALOG PROC SHF A407 TB1		19D903880P774
PP1	POWER PANEL #01	P03	ANALOG PROC SHF A408 TB1		19D903880P774
PP1	POWER PANEL #01	P04	ANALOG PROC SHF A409 TB1		19D903880P774
PP1	POWER PANEL #01	P05	ANALOG PROC SHF A410 TB1		19D903880P774
PP1	POWER PANEL #01	P06	ANALOG PROC SHF A411 TB1		19D903880P774
PP1	POWER PANEL #01	P07	ANALOG PROC SHF A412 TB1		19D903880P774
PP1	POWER PANEL #01	P08	ANALOG PROC SHF A413 TB1		19D903880P774
PP1	POWER PANEL #01	P09	ANALOG PROC SHF A414 TB1		19D903880P774
PP1	POWER PANEL #01	P10	ANALOG PROC SHF A415 TB1		19D903880P774

10 SITE 24 CHANNEL CONFIGURATION
Rack 5 Connection List (Part 7)
Rack 6 Connection List (Part 8)

(344A4659, Sh. 19, Rev. 2)
(344A4659, Sh. 20, Rev. 2)
(344A4659, Sh. 21, Rev. 1)

PART 9 RACK #7 CONNECTION LIST

C16	CONNECTOR PANEL #01	P01	ANALOG PROC SHF A416	J03	19D903985P49
C17	CONNECTOR PANEL #01	P02	ANALOG PROC SHF A417	J03	19D903985P49
C18	CONNECTOR PANEL #01	P03	ANALOG PROC SHF A418	J03	19D903985P48
C19	CONNECTOR PANEL #01	P04	ANALOG PROC SHF A419	J03	19D903985P48
C20	CONNECTOR PANEL #01	P05	ANALOG PROC SHF A420	J03	19D903985P46
C21	CONNECTOR PANEL #01	P06	ANALOG PROC SHF A421	J03	19D903985P49
C22	CONNECTOR PANEL #01	P07	ANALOG PROC SHF A422	J03	19D903985P48
C23	CONNECTOR PANEL #01	P08	ANALOG PROC SHF A423	J03	19D903985P48
C24	CONNECTOR PANEL #01	P09	ANALOG PROC SHF A424	J03	19D903985P46
C17	ANALOG PROC SHF A416	J02	ANALOG PROC SHF A417	J01	19D903985P12
C18	ANALOG PROC SHF A417	J02	ANALOG PROC SHF A418	J01	19D903985P12
C19	ANALOG PROC SHF A418	J02	ANALOG PROC SHF A419	J01	19D903985P12
C20	ANALOG PROC SHF A419	J02	ANALOG PROC SHF A420	J01	19D903985P12
C21	ANALOG PROC SHF A420	J02	ANALOG PROC SHF A421	J01	19D903985P12
C22	ANALOG PROC SHF A421	J02	ANALOG PROC SHF A422	J01	19D903985P12
C23	ANALOG PROC SHF A422	J02	ANALOG PROC SHF A423	J01	19D903985P12
C24	ANALOG PROC SHF A423	J02	ANALOG PROC SHF A424	J01	19D903985P12
A416	ANALOG PROC SHELF A416	J01	CONNECTOR PANEL #01	P10	19D903985P29

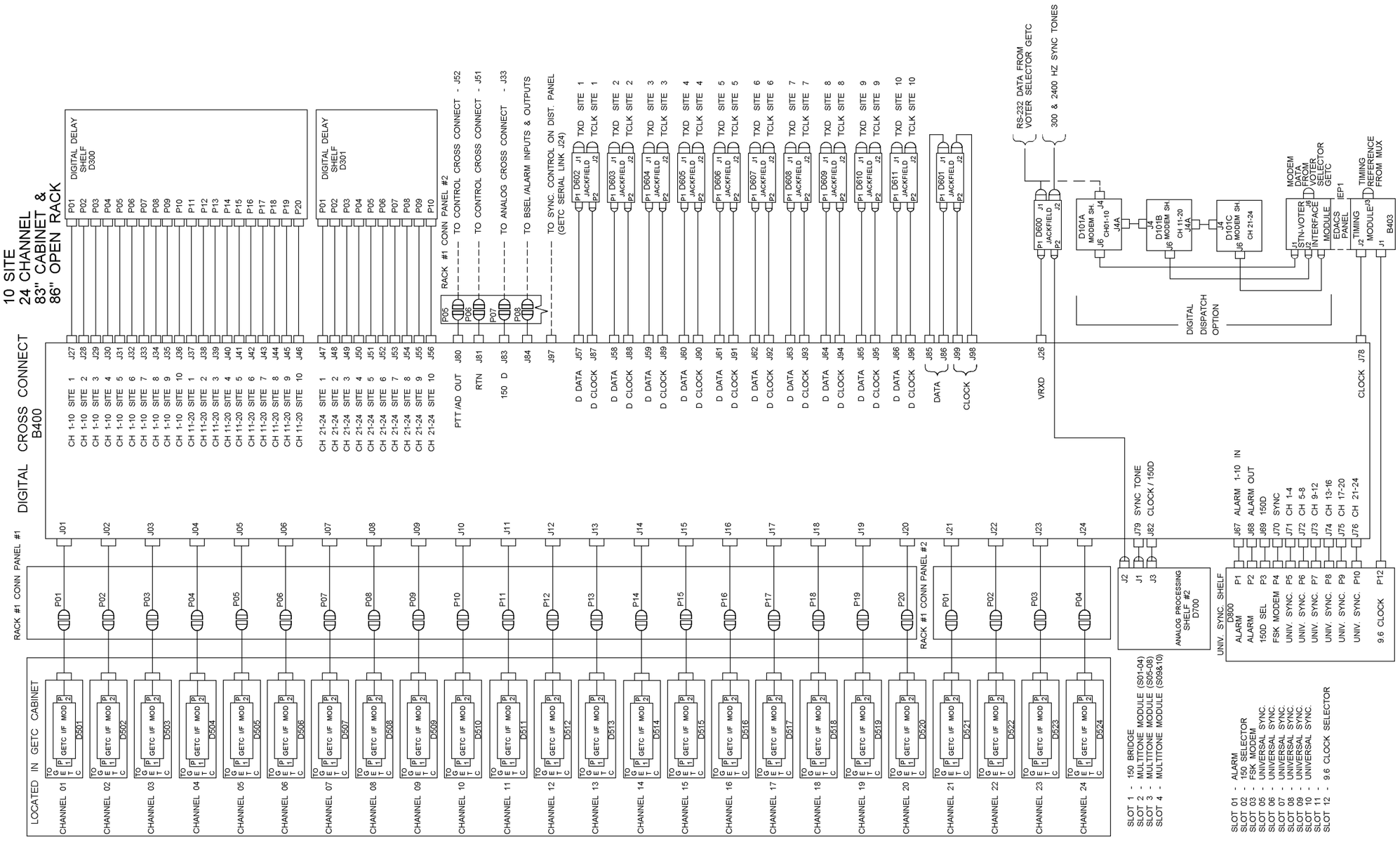
ALARM SHELVES ONLY PRESENT IN SYSTEM WITH SITES GREATER THAN SIX

AH	ALARM STN MASTER	J10	ALARM HYBRID SHELF	J01	19D903985P34
AH	ALARM STN MASTER	J01	CONNECTOR PANEL	P06	19D903985P24
AH	ALARM STN MASTER	J05	CONNECTOR PANEL	P07	19D903985P24
AH	ALARM STN MASTER	J06	CONNECTOR PANEL	P08	19D903985P24
AH	ALARM HYBRID SHELF	J03	CONNECTOR PANEL	P09	19D903985P24
AH	ALARM STN MASTER	J08	ALARM MON. COMPUTER (LOCATED IN TEST RACK)	J01	19D903985P72

PP1	POWER PANEL #01	P01	ANALOG PROC SHF A416 TB1	19D903880P774
PP1	POWER PANEL #01	P02	ANALOG PROC SHF A417 TB1	19D903880P774
PP1	POWER PANEL #01	P03	ANALOG PROC SHF A418 TB1	19D903880P774
PP1	POWER PANEL #01	P04	ANALOG PROC SHF A419 TB1	19D903880P774
PP1	POWER PANEL #01	P05	ANALOG PROC SHF A420 TB1	19D903880P774
PP1	POWER PANEL #01	P06	ANALOG PROC SHF A421 TB1	19D903880P774
PP1	POWER PANEL #01	P07	ANALOG PROC SHF A422 TB1	19D903880P774
PP1	POWER PANEL #01	P08	ANALOG PROC SHF A423 TB1	19D903880P774
PP1	POWER PANEL #01	P09	ANALOG PROC SHF A424 TB1	19D903880P774

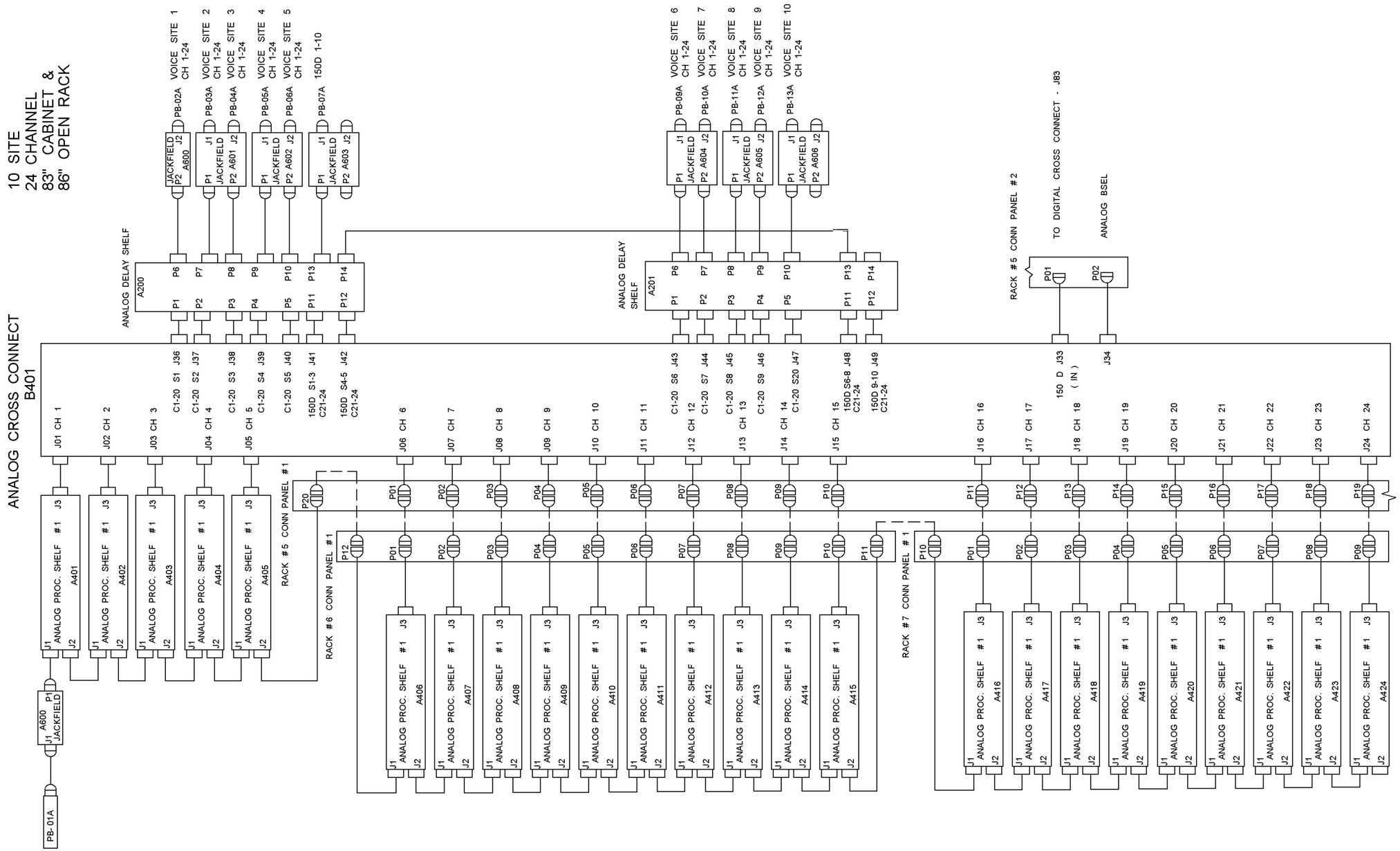
10 SITE 24 CHANNEL CONFIGURATION
Rack 7 Connection List (Part 9)

(344A4659, Sh. 22, Rev. 2)



10 SITE 24 CHANNEL CONFIGURATION
Digital Cross Connect Wiring Diagram

(188D5886, Sh. 7, Rev. 1)



10 SITE 24 CHANNEL CONFIGURATION
Analog Cross Connect Wiring Diagram

(19D904511, Sh. 3, Rev. 2)