

MAINTENANCE MANUAL
SIMULCAST SYSTEM DRAWINGS
CONTROL POINT COMMON EQUIPMENT
10 SITE 20 CHANNEL CONFIGURATION

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DESCRIPTION

This manual contains the equipment configuration drawings and cable inter and intrarack wiring diagrams required for installation and maintenance of a Simulcast System with up to 10 sites and up to 20 channels. It also contains the cable connection lists to provide the detailed rack interconnect cabling information that supports the wiring diagrams referenced above. They also 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.

The configuration drawings identify the shelves and the site/channel associations of each (where applicable) of the various shelves located in the Digital, Analog, GETC, and Test Equipment racks used in the Simulcast Communications System. 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.

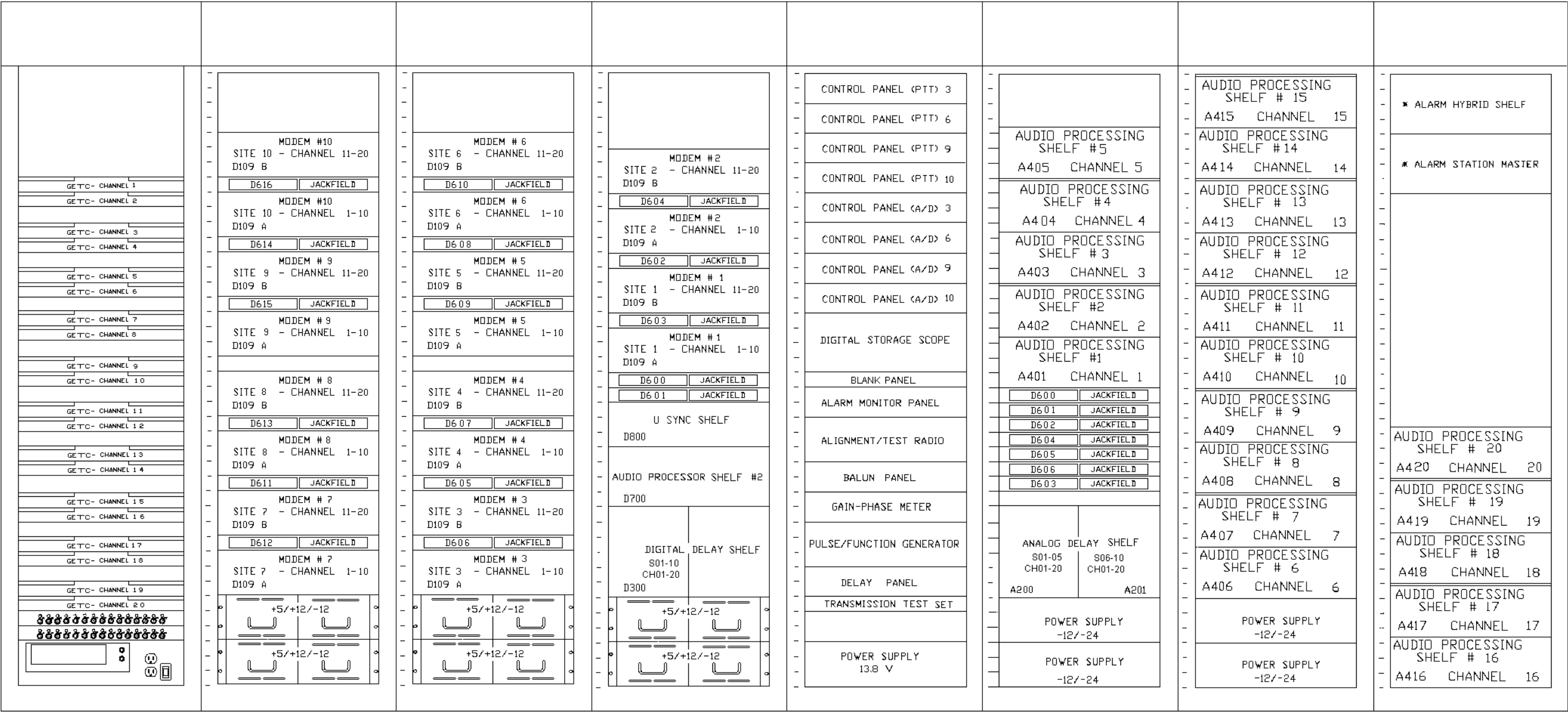
Field installation drawings show the cabinet interconnect cabling between the simulcast digital, analog and test equipment racks and also between digital rack 1 of the simulcast equipment and the GETC, RIC, and Site Controller cabinets. Detailed cable termination points are given on Cable Connection List 344A4886 referenced on the field installation drawings.

DC Power Wiring Diagrams show the power distribution wiring from the power supplies through the power panel to the various shelves in each equipment rack. Cable Connection List 344A4223 identifies the location of each module within the rack and details the interrack cabling connections.

Digital Cross Connect Diagrams define the cable connections between the digital cross connect panel and connector panels #1 and 2, digital delay shelf, analog processing shelf #2, and the universal sync shelf. The diagrams trace the digital channel paths from the GETC/GETC interface module through the connector panel and digital cross connect panel to the digital delay shelf. In addition, the diagrams show the data and clock interconnections, for each site, through the modems and jackfields to the digital cross connect panel.

Analog Cross Connect Diagrams show the interconnections between the analog processing shelf #1, the connector panel, and the analog delay shelf that house the voice channels for the simulcast system. It also shows the 150 baud and analog BSEL connections with the digital cross connect panel.

* LOCATED IN TOP OF TEST RACK
(PART 23) FOR SYSTEMS WITH
LESS THAN 7 SITES



GETC RACK
PER PART 22

⑳ RACK 3

⑱ RACK 2

⑰ RACK 1

TEST RACK
PER PART 23
FOR SITES 7 OR GREATER
(PART 24 FOR SITE 6 OR LESS)

⑰ RACK 4

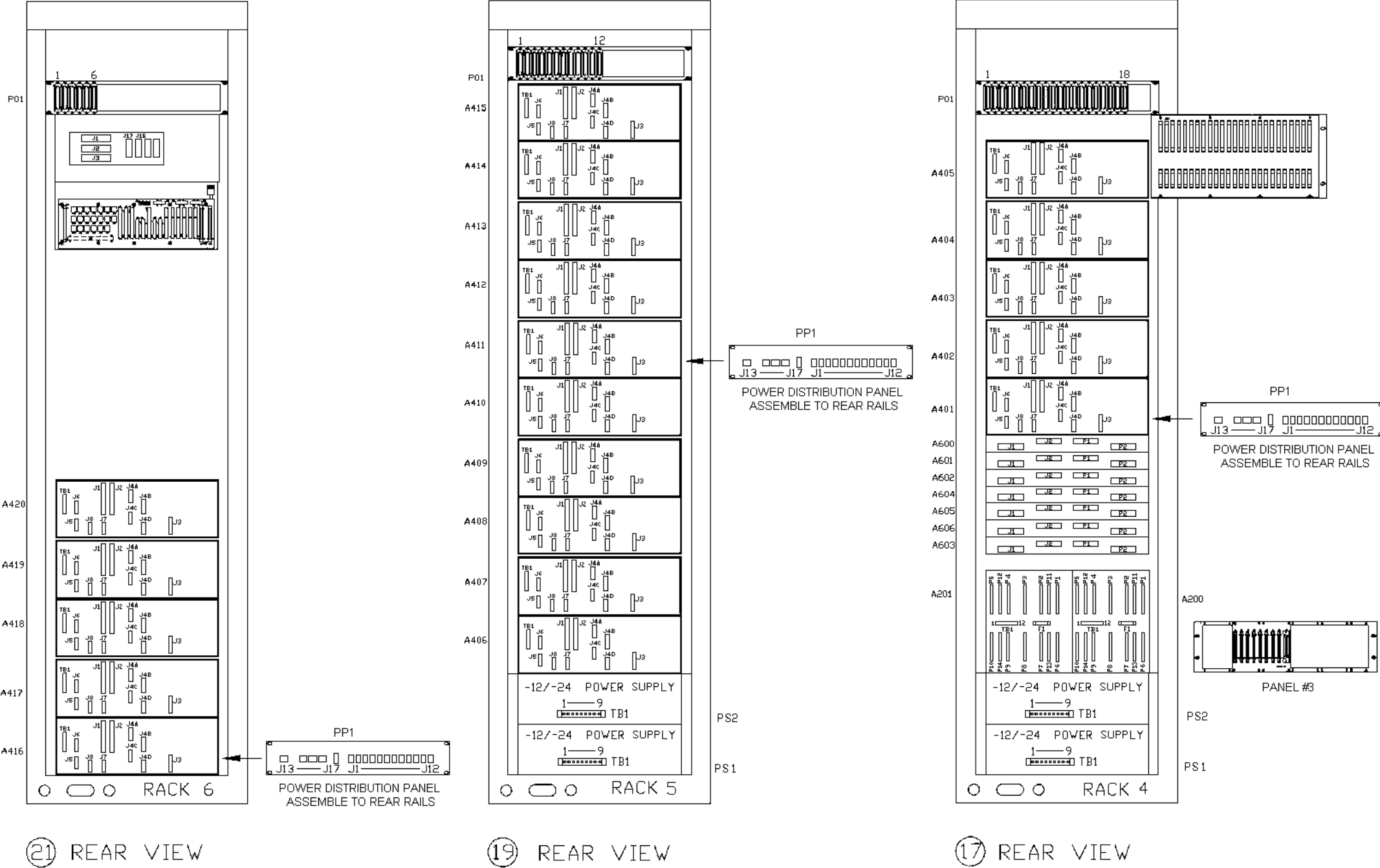
⑱ RACK 5

㉑ RACK 6

10 SITE 20 CHANNEL CONFIGURATION
Equipment Rackup, Front View

(19D904160 Sh. 1, Rev. 3)

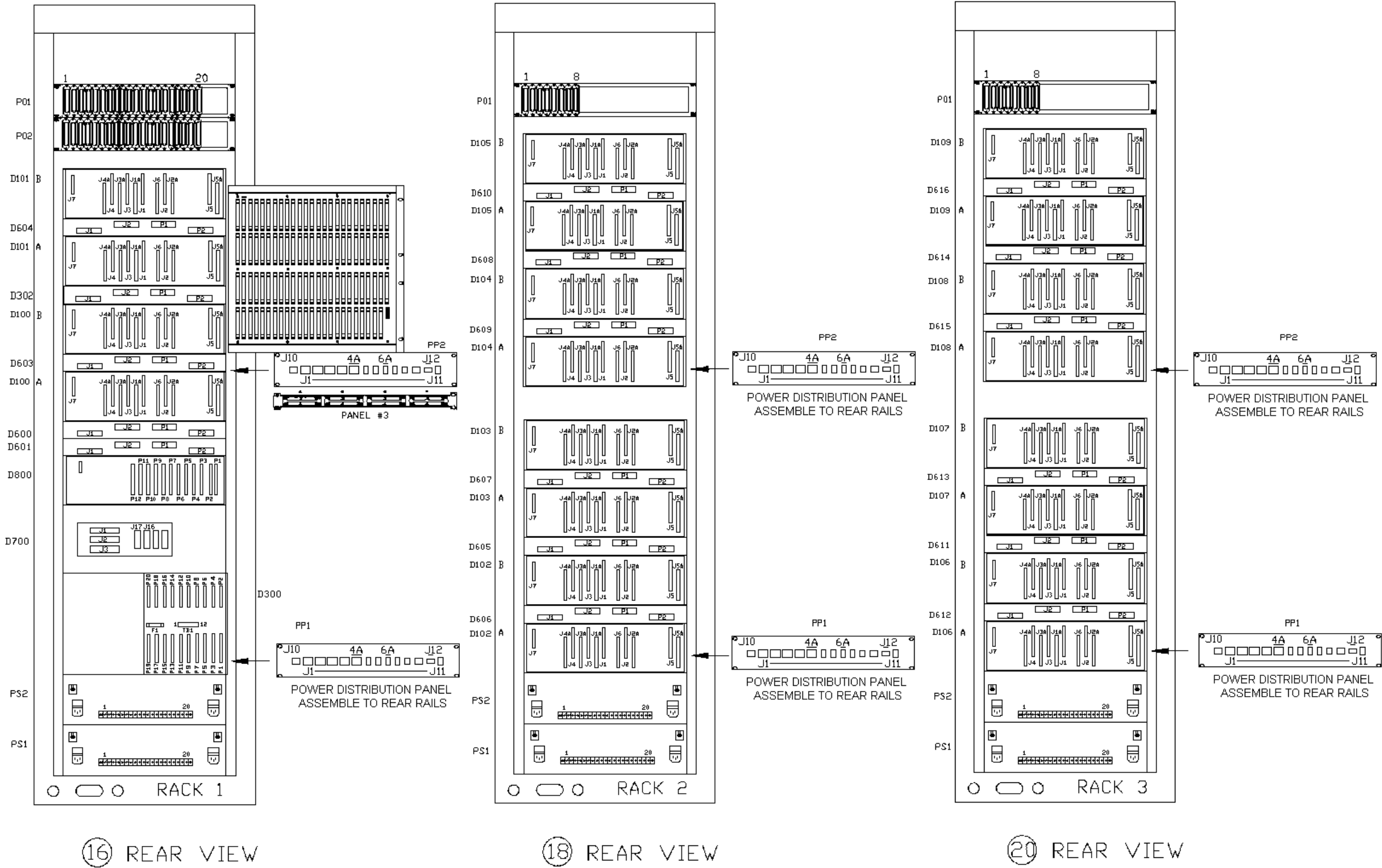
SEE 344A4226 FOR
MODULE IDENTIFICATION
AND CONNECTION LIST



SEE 344A4226 FOR
MODULE IDENTIFICATION
AND CONNECTION LIST

10 SITE 20 CHANNEL CONFIGURATION
Equipment Rackup, Rear View Racks 4-6

(19D904160 Sh. 2 Rev. 3)



10 SITE 20 CHANNEL CONFIGURATION
Equipment Rackup, Rear View Racks 1-3

(19D904160 Sh. 3 Rev. 3

SEE 344A4226 FOR
MODULE IDENTIFICATION
AND CONNECTION LIST

SHELF AND MODULE NUMBERS

DIGITAL DELAY SHELF	19D902531G2
DIGITAL DELAY MODULE	19D902524P1
ANALOG DELAY SHELF	19D902531G4 or G7
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	19D902542G1
MODEM I/F MODULE (9600 BAUD)	19D902442P1
MODEM MODULE (9600 BAUD)	19A705178P1

MODULE LOCATION IN RACKS

DIGITAL DELAY SHELF

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 11-20 SITE #08 CHANNELS 11-20
SLOT 10	DIGITAL DELAY MODULE	SITE #09 CHANNELS 11-20 SITE #10 CHANNELS 11-20

10 SITE 20 CHANNEL CONFIGURATION
Module Location & Identification

(344A4226 Rev. 3)

UNIVERSAL SYN SHELF

SLOT 01	ALARM MODULE
SLOT 02	DIGITAL SELECTOR MODULE (150 BAUD)
SLOT 03	2400 BAUD MODEM
SLOT 04	
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	
SLOT 11	
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

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

10 SITE 20 CHANNEL CONFIGURATION
Module Location & Identification

(344A4226 Rev. 3)

ANALOG DELAY SHELF

SLOT 01	ANALOG DELAY MODULE	SITE #01 CHANNELS 01-12
SLOT 02	ANALOG DELAY MODULE	SITE #01 CHANNELS 13-20
SLOT 03	ANALOG DELAY MODULE	SITE #02 CHANNELS 01-12
SLOT 04	ANALOG DELAY MODULE	SITE #02 CHANNELS 13-20
SLOT 05	ANALOG DELAY MODULE	SITE #03 CHANNELS 01-12
SLOT 06	ANALOG DELAY MODULE	SITE #03 CHANNELS 13-20
SLOT 07	ANALOG DELAY MODULE	SITE #04 CHANNELS 01-12
SLOT 08	ANALOG DELAY MODULE	SITE #04 CHANNELS 13-20
SLOT 09	ANALOG DELAY MODULE	SITE #05 CHANNELS 01-12
SLOT 10	ANALOG DELAY MODULE	SITE #05 CHANNELS 13-20
SLOT 11	ANALOG DELAY MODULE	SITE #06 CHANNELS 01-12
SLOT 12	ANALOG DELAY MODULE	SITE #06 CHANNELS 13-20
SLOT 13	ANALOG DELAY MODULE	SITE #07 CHANNELS 01-12
SLOT 14	ANALOG DELAY MODULE	SITE #07 CHANNELS 13-20
SLOT 15	ANALOG DELAY MODULE	SITE #08 CHANNELS 01-12
SLOT 16	ANALOG DELAY MODULE	SITE #08 CHANNELS 13-20
SLOT 17	ANALOG DELAY MODULE	SITE #09 CHANNELS 01-12
SLOT 18	ANALOG DELAY MODULE	SITE #09 CHANNELS 13-20
SLOT 19	ANALOG DELAY MODULE	SITE #10 CHANNELS 01-12
SLOT 20	ANALOG DELAY MODULE	SITE #10 CHANNELS 13-20

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

10 SITE 20 CHANNEL CONFIGURATION
Module Location & Identification

(344A4226 Rev. 3)

DIGITAL CROSS-CONNECTS

RACK #1 19D904160P16									
FROM					TO				
S1	DIGITAL CROSS CONNECT	J57			MODEM SHELF D100-A	J01			19D903985P14
S1	DIGITAL CROSS CONNECT	J87			MODEM SHELF D100-A	J02			19D903985P16
S2	DIGITAL CROSS CONNECT	J58			MODEM SHELF D101-A	J01			19D903985P14
S2	DIGITAL CROSS CONNECT	J88			MODEM SHELF D101-A	J02			19D903985P14
S1	MODEM SHELF D100-A	J04			JACKFIELD D602	P01			19D903985P22
S1	MODEM SHELF D100-A	J06			JACKFIELD D603	P01			19D903985P22
S1	MODEM SHELF D100-B	J06			JACKFIELD D603	P02			19D903985P22
S2	MODEM SHELF D101-A	J04			JACKFIELD D602	P02			19D903985P22
S2	MODEM SHELF D101-A	J06			JACKFIELD D604	P01			19D903985P22
S2	MODEM SHELF D101-B	J06			JACKFIELD D604	P02			19D903985P22
S1	MODEM SHELF D100-A	J1A	MODEM SHELF D100-B	J1	19D903985P12				
S1	MODEM SHELF D100-A	J2A	MODEM SHELF D100-B	J2	19D903985P12				
S1	MODEM SHELF D100-A	J3A	MODEM SHELF D100-B	J3	19D903985P12				
S1	MODEM SHELF D100-A	J4A	MODEM SHELF D100-B	J4	19D903985P12				
S2	MODEM SHELF D101-A	J1A	MODEM SHELF D101-B	J1	19D903985P12				
S2	MODEM SHELF D101-A	J2A	MODEM SHELF D101-B	J2	19D903985P12				
S2	MODEM SHELF D101-A	J3A	MODEM SHELF D101-B	J3	19D903985P12				
S2	MODEM SHELF D101-A	J4A	MODEM SHELF D101-B	J4	19D903985P12				
S1	C01-10	DIGITAL CROSS CONNECT	J27		DIGITAL DELAY D300	P01	19D903985P16		
S2	C01-10	DIGITAL CROSS CONNECT	J28		DIGITAL DELAY D300	P02	19D903985P16		
S3	C01-10	DIGITAL CROSS CONNECT	J29		DIGITAL DELAY D300	P03	19D903985P16		
S4	C01-10	DIGITAL CROSS CONNECT	J30		DIGITAL DELAY D300	P04	19D903985P16		
S5	C01-10	DIGITAL CROSS CONNECT	J31		DIGITAL DELAY D300	P05	19D903985P16		
S6	C01-10	DIGITAL CROSS CONNECT	J32		DIGITAL DELAY D300	P06	19D903985P16		
S7	C01-10	DIGITAL CROSS CONNECT	J33		DIGITAL DELAY D300	P07	19D903985P16		
S8	C01-10	DIGITAL CROSS CONNECT	J34		DIGITAL DELAY D300	P08	19D903985P16		
S9	C01-10	DIGITAL CROSS CONNECT	J35		DIGITAL DELAY D300	P09	19D903985P16		
S10	C01-10	DIGITAL CROSS CONNECT	J36		DIGITAL DELAY D300	P10	19D903985P16		
S1	C11-20	DIGITAL CROSS CONNECT	J37		DIGITAL DELAY D300	P11	19D903985P18		
S2	C11-20	DIGITAL CROSS CONNECT	J38		DIGITAL DELAY D300	P12	19D903985P18		
S3	C11-20	DIGITAL CROSS CONNECT	J39		DIGITAL DELAY D300	P13	19D903985P18		
S4	C11-20	DIGITAL CROSS CONNECT	J40		DIGITAL DELAY D300	P14	19D903985P18		
S5	C11-20	DIGITAL CROSS CONNECT	J41		DIGITAL DELAY D300	P15	19D903985P18		
S6	C11-20	DIGITAL CROSS CONNECT	J42		DIGITAL DELAY D300	P16	19D903985P18		
S7	C11-20	DIGITAL CROSS CONNECT	J43		DIGITAL DELAY D300	P17	19D903985P18		
S8	C11-20	DIGITAL CROSS CONNECT	J44		DIGITAL DELAY D300	P18	19D903985P18		
S9	C11-20	DIGITAL CROSS CONNECT	J45		DIGITAL DELAY D300	P19	19D903985P18		
S10	C11-20	DIGITAL CROSS CONNECT	J46		DIGITAL DELAY D300	P20	19D903985P18		

10 SITE 20 CHANNEL CONFIGURATION
Digital Rack #1

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C01	DIGITAL CROSS CONNECT	J01	CONNECTOR PANEL #01	P01	19D903985P24
C02	DIGITAL CROSS CONNECT	J02	CONNECTOR PANEL #01	P02	19D903985P24
C03	DIGITAL CROSS CONNECT	J03	CONNECTOR PANEL #01	P03	19D903985P24
C04	DIGITAL CROSS CONNECT	J04	CONNECTOR PANEL #01	P04	19D903985P24
C05	DIGITAL CROSS CONNECT	J05	CONNECTOR PANEL #01	P05	19D903985P24
C06	DIGITAL CROSS CONNECT	J06	CONNECTOR PANEL #01	P06	19D903985P24
C07	DIGITAL CROSS CONNECT	J07	CONNECTOR PANEL #01	P07	19D903985P24
C08	DIGITAL CROSS CONNECT	J08	CONNECTOR PANEL #01	P08	19D903985P24
C09	DIGITAL CROSS CONNECT	J09	CONNECTOR PANEL #01	P09	19D903985P24
C10	DIGITAL CROSS CONNECT	J10	CONNECTOR PANEL #01	P10	19D903985P24
C11	DIGITAL CROSS CONNECT	J11	CONNECTOR PANEL #01	P11	19D903985P24
C12	DIGITAL CROSS CONNECT	J12	CONNECTOR PANEL #01	P12	19D903985P24
C13	DIGITAL CROSS CONNECT	J13	CONNECTOR PANEL #01	P13	19D903985P24
C14	DIGITAL CROSS CONNECT	J14	CONNECTOR PANEL #01	P14	19D903985P24
C15	DIGITAL CROSS CONNECT	J15	CONNECTOR PANEL #01	P15	19D903985P24
C16	DIGITAL CROSS CONNECT	J16	CONNECTOR PANEL #01	P16	19D903985P24
C17	DIGITAL CROSS CONNECT	J17	CONNECTOR PANEL #01	P17	19D903985P24
C18	DIGITAL CROSS CONNECT	J18	CONNECTOR PANEL #01	P18	19D903985P24
C19	DIGITAL CROSS CONNECT	J19	CONNECTOR PANEL #01	P19	19D903985P24
C20	DIGITAL CROSS CONNECT	J20	CONNECTOR PANEL #01	P20	19D903985P24
C1-4	DIGITAL CROSS CONNECT	J71	UNIV. SYNC SHF D800	P05	19D903985P16
C5-8	DIGITAL CROSS CONNECT	J72	UNIV. SYNC SHF D800	P06	19D903985P16
C9-12	DIGITAL CROSS CONNECT	J73	UNIV. SYNC SHF D800	P07	19D903985P16
C13-16	DIGITAL CROSS CONNECT	J74	UNIV. SYNC SHF D800	P08	19D903985P16
C17-20	DIGITAL CROSS CONNECT	J75	UNIV. SYNC SHF D800	P09	19D903985P16
A	DIGITAL CROSS CONNECT	J26	JACKFIELD D600	P01	19D903985P24
A	ANALOG PROC SHF D700	J02	JACKFIELD D600	P02	19D903985P52
A	DIGITAL CROSS CONNECT	J79	ANALOG PROC SHF D700	J01	19D903985P36
A	DIGITAL CROSS CONNECT	J82	ANALOG PROC SHF D700	J03	19D903985P36
A	DIGITAL CROSS CONNECT	J67	UNIV. SYNC SHF D800	P01	19D903985P16
A	DIGITAL CROSS CONNECT	J68	UNIV. SYNC SHF D800	P02	19D903985P16
A	DIGITAL CROSS CONNECT	J69	UNIV. SYNC SHF D800	P03	19D903985P16
A	DIGITAL CROSS CONNECT	J70	UNIV. SYNC SHF D800	P04	19D903985P16
A	DIGITAL CROSS CONNECT	J78	UNIV. SYNC SHF D800	P12	19D903985P16
A	DIGITAL CROSS CONNECT	J98	PANEL #3 A1	P01	19D903985P14
A	PANEL #3 A1 P02		JACKFIELD D601	J01	19D903985P36
A	DIGITAL CROSS CONNECT	J99	PANEL #3 A2	P01	19D903985P14
A	PANEL #3 A2 P02		JACKFIELD D601	P01	19D903985P26
A	DIGITAL CROSS CONNECT	J85	PANEL #3 A3	P01	19D903985P14
A	PANEL #3 A3 P02		JACKFIELD D601	J02	19D903985P36
A	DIGITAL CROSS CONNECT	J86	PANEL #3 A4	P01	19D903985P14
A	PANEL #3 A4 P02		JACKFIELD D601	P02	19D903985P26

D102A	DIGITAL CROSS CONNECT	J59	CONNECTOR PANEL #02	P01	19D903985P24
D102A	DIGITAL CROSS CONNECT	J89	CONNECTOR PANEL #02	P02	19D903985P24
D103A	DIGITAL CROSS CONNECT	J60	CONNECTOR PANEL #02	P03	19D903985P24
D103A	DIGITAL CROSS CONNECT	J90	CONNECTOR PANEL #02	P04	19D903985P24
D104A	DIGITAL CROSS CONNECT	J61	CONNECTOR PANEL #02	P05	19D903985P24
D104A	DIGITAL CROSS CONNECT	J91	CONNECTOR PANEL #02	P06	19D903985P24
D105A	DIGITAL CROSS CONNECT	J62	CONNECTOR PANEL #02	P07	19D903985P24
D105A	DIGITAL CROSS CONNECT	J92	CONNECTOR PANEL #02	P08	19D903985P24
D106A	DIGITAL CROSS CONNECT	J63	CONNECTOR PANEL #02	P09	19D903985P24
D106A	DIGITAL CROSS CONNECT	J93	CONNECTOR PANEL #02	P10	19D903985P24
D107A	DIGITAL CROSS CONNECT	J64	CONNECTOR PANEL #02	P11	19D903985P24
D107A	DIGITAL CROSS CONNECT	J94	CONNECTOR PANEL #02	P12	19D903985P24
D108A	DIGITAL CROSS CONNECT	J65	CONNECTOR PANEL #02	P13	19D903985P24
D108A	DIGITAL CROSS CONNECT	J95	CONNECTOR PANEL #02	P14	19D903985P24
D109A	DIGITAL CROSS CONNECT	J66	CONNECTOR PANEL #02	P15	19D903985P24
D109A	DIGITAL CROSS CONNECT	J96	CONNECTOR PANEL #02	P16	19D903985P24
DCC	DIGITAL CROSS CONNECT	J80	CONNECTOR PANEL #02	P17	19D903985P24
DCC	DIGITAL CROSS CONNECT	J81	CONNECTOR PANEL #02	P18	19D903985P24
DCC	DIGITAL CROSS CONNECT	J83	CONNECTOR PANEL #02	P19	19D903985P24
DCC	DIGITAL CROSS CONNECT	J84	CONNECTOR PANEL #02	P20	19D903985P24

RACK #2 19D904160P18					
S3	CONNECTOR PANEL #01	P01	MODEM SHELF D102-A	J01	19D903985P28
S3	CONNECTOR PANEL #01	P02	MODEM SHELF D102-A	J02	19D903985P28
S4	CONNECTOR PANEL #01	P03	MODEM SHELF D103-A	J01	19D903985P28
S4	CONNECTOR PANEL #01	P04	MODEM SHELF D103-A	J02	19D903985P28
S5	CONNECTOR PANEL #01	P05	MODEM SHELF D104-A	J01	19D903985P26
S5	CONNECTOR PANEL #01	P06	MODEM SHELF D104-A	J02	19D903985P26
S6	CONNECTOR PANEL #01	P07	MODEM SHELF D105-A	J01	19D903985P24
S6	CONNECTOR PANEL #01	P08	MODEM SHELF D105-A	J02	19D903985P24
S3	MODEM SHELF D102-A	J1A	MODEM SHELF D102-B	J1	19D903985P12
S3	MODEM SHELF D102-A	J2A	MODEM SHELF D102-B	J2	19D903985P12
S3	MODEM SHELF D102-A	J3A	MODEM SHELF D102-B	J3	19D903985P12
S3	MODEM SHELF D102-A	J4A	MODEM SHELF D102-B	J4	19D903985P12
S4	MODEM SHELF D103-A	J1A	MODEM SHELF D103-B	J1	19D903985P12
S4	MODEM SHELF D103-A	J2A	MODEM SHELF D103-B	J2	19D903985P12
S4	MODEM SHELF D103-A	J3A	MODEM SHELF D103-B	J3	19D903985P12
S4	MODEM SHELF D103-A	J4A	MODEM SHELF D103-B	J4	19D903985P12
S5	MODEM SHELF D104-A	J1A	MODEM SHELF D104-B	J1	19D903985P12
S5	MODEM SHELF D104-A	J2A	MODEM SHELF D104-B	J2	19D903985P12
S5	MODEM SHELF D104-A	J3A	MODEM SHELF D104-B	J3	19D903985P12
S5	MODEM SHELF D104-A	J4A	MODEM SHELF D104-B	J4	19D903985P12

10 SITE 20 CHANNEL CONFIGURATION
Digital Rack #1

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10 SITE 20 CHANNEL CONFIGURATION
Digital Rack #2

(344A4226 Rev. 3)

S6	MODEM SHELF D105-A	J1A	MODEM SHELF D105-B	J1	19D903985P12
S6	MODEM SHELF D105-A	J2A	MODEM SHELF D105-B	J2	19D903985P12
S6	MODEM SHELF D105-A	J3A	MODEM SHELF D105-B	J3	19D903985P12
S6	MODEM SHELF D105-A	J4A	MODEM SHELF D105-B	J4	19D903985P12

S3	MODEM SHELF D102-A	J04	JACKFIELD D605	P01	19D903985P22
S3	MODEM SHELF D102-A	J06	JACKFIELD D606	P01	19D903985P22
S3	MODEM SHELF D102-B	J06	JACKFIELD D606	P02	19D903985P22
S4	MODEM SHELF D103-A	J04	JACKFIELD D605	P02	19D903985P22
S4	MODEM SHELF D103-A	J06	JACKFIELD D607	P01	19D903985P22
S4	MODEM SHELF D103-B	J06	JACKFIELD D607	P02	19D903985P22
S5	MODEM SHELF D104-A	J04	JACKFIELD D608	P01	19D903985P22
S5	MODEM SHELF D104-A	J06	JACKFIELD D609	P01	19D903985P22
S5	MODEM SHELF D104-B	J06	JACKFIELD D609	P02	19D903985P22
S6	MODEM SHELF D105-A	J04	JACKFIELD D608	P02	19D903985P22
S6	MODEM SHELF D105-A	J06	JACKFIELD D610	P01	19D903985P22
S6	MODEM SHELF D105-B	J06	JACKFIELD D610	P02	19D903985P22

RACK #3 19D904160P20

S7	CONNECTOR PANEL #01	P01	MODEM SHELF D106-A	J01	19D903985P28
S7	CONNECTOR PANEL #01	P02	MODEM SHELF D106-A	J02	19D903985P28
S8	CONNECTOR PANEL #01	P03	MODEM SHELF D107-A	J01	19D903985P28
S8	CONNECTOR PANEL #01	P04	MODEM SHELF D107-A	J02	19D903985P28
S9	CONNECTOR PANEL #01	P05	MODEM SHELF D108-A	J01	19D903985P26
S9	CONNECTOR PANEL #01	P06	MODEM SHELF D108-A	J02	19D903985P26
S10	CONNECTOR PANEL #01	P07	MODEM SHELF D109-A	J01	19D903985P24
S10	CONNECTOR PANEL #01	P08	MODEM SHELF D109-A	J02	19D903985P24

S7	MODEM SHELF D106-A	J1A	MODEM SHELF D106-B	J1	19D903985P12
S7	MODEM SHELF D106-A	J2A	MODEM SHELF D106-B	J2	19D903985P12
S7	MODEM SHELF D106-A	J3A	MODEM SHELF D106-B	J3	19D903985P12
S7	MODEM SHELF D106-A	J4A	MODEM SHELF D106-B	J4	19D903985P12
S8	MODEM SHELF D107-A	J1A	MODEM SHELF D107-B	J1	19D903985P12
S8	MODEM SHELF D107-A	J2A	MODEM SHELF D107-B	J2	19D903985P12
S8	MODEM SHELF D107-A	J3A	MODEM SHELF D107-B	J3	19D903985P12
S8	MODEM SHELF D107-A	J4A	MODEM SHELF D107-B	J4	19D903985P12
S9	MODEM SHELF D108-A	J1A	MODEM SHELF D108-B	J1	19D903985P12
S9	MODEM SHELF D108-A	J2A	MODEM SHELF D108-B	J2	19D903985P12
S9	MODEM SHELF D108-A	J3A	MODEM SHELF D108-B	J3	19D903985P12
S9	MODEM SHELF D108-A	J4A	MODEM SHELF D108-B	J4	19D903985P12
S10	MODEM SHELF D109-A	J1A	MODEM SHELF D109-B	J1	19D903985P12
S10	MODEM SHELF D109-A	J2A	MODEM SHELF D109-B	J2	19D903985P12
S10	MODEM SHELF D109-A	J3A	MODEM SHELF D109-B	J3	19D903985P12
S10	MODEM SHELF D109-A	J4A	MODEM SHELF D109-B	J4	19D903985P12

10 SITE 20 CHANNEL CONFIGURATION
Digital Rack #3

(344A4226 Rev. 3)

S7	MODEM SHELF D106-A	J04	JACKFIELD D611	P01	19D903985P22
S7	MODEM SHELF D106-A	J06	JACKFIELD D612	P01	19D903985P22
S7	MODEM SHELF D106-B	J06	JACKFIELD D612	P02	19D903985P22
S8	MODEM SHELF D107-A	J04	JACKFIELD D611	P02	19D903985P22
S8	MODEM SHELF D107-A	J06	JACKFIELD D613	P01	19D903985P22
S8	MODEM SHELF D107-B	J06	JACKFIELD D613	P02	19D903985P22
S9	MODEM SHELF D108-A	J04	JACKFIELD D614	P01	19D903985P22
S9	MODEM SHELF D108-A	J06	JACKFIELD D615	P01	19D903985P22
S9	MODEM SHELF D108-B	J06	JACKFIELD D615	P02	19D903985P22
S10	MODEM SHELF D109-A	J04	JACKFIELD D614	P02	19D903985P22
S10	MODEM SHELF D109-A	J06	JACKFIELD D616	P01	19D903985P22
S10	MODEM SHELF D109-B	J06	JACKFIELD D616	P02	19D903985P22

ANALOG CROSS-CONNECTION

RACK #4 19D904160P17

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 4-4	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

10 SITE 20 CHANNEL CONFIGURATION
Analog Rack #4

(344A4226 Rev. 3)

POWER CONNECTIONS					
RACK #1					
PP1	POWER PANEL #0	P05	DIGITAL DELAY SHELF TB1		19D903880P721
PP1	POWER PANEL #0	P07	UNIVERSAL SYN SHELF TB1		19D903880P784
PP1	POWER PANEL #0	P08	ANALOG PROC SHLF #2 P16/P17		19D903880P733
PS1	TB1-01	YELLOW	+5	BUS+5	
PS1	TB1-02	YELLOW	+5		
PS1	TB1-03	YELLOW	+5		
PS1	TB1-04	YELLOW	+5	BUS+5	
PS1	TB1-05	YELLOW	+5		
PS1	TB1-06	YELLOW	+5		
PS1	TB1-07	BLACK	GND	BUSGD	
PS1	TB1-08	BLACK	GND		
PS1	TB1-09	BLACK	GND		
PS1	TB1-10	BLACK	GND	BUSGD	
PS1	TB1-11	BLACK	GND		
PS1	TB1-12	BLACK	GND		
PS1	TB1-13	ORANGE	+12	BUS+12	
PS1	TB1-14	BLUE	-12	BUS-12	
PS1	TB1-14	BLUE	-12	BUS-12	
PS1	TB1-15	BLACK	GND	BUSGD	
PS1	TB1-16	BROWN	+5 SENS	BUS+5	
PS1	TB1-17	WHITE	RTN SENS	BUSGD	
PP2	POWER PANEL #02	P01	MODEM SHELF D100A	TB1	19D903880P714
PP2	POWER PANEL #02	P02	MODEM SHELF D100B	TB1	19D903880P714
PP2	POWER PANEL #02	P03	MODEM SHELF D101A	TB1	19D903880P714
PP2	POWER PANEL #02	P04	MODEM SHELF D101B	TB1	19D903880P714
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	

10 SITE 20 CHANNEL CONFIGURATION
Power Connections, Rack #1

(344A4226 Rev. 3)

RACK #2					
PP1	POWER PANEL #01	P01	MODEM SHELF D102A	TB1	19D903880P714
PP1	POWER PANEL #01	P02	MODEM SHELF D102B	TB1	19D903880P714
PP1	POWER PANEL #01	P03	MODEM SHELF D103A	TB1	19D903880P714
PP1	POWER PANEL #01	P04	MODEM SHELF D103B	TB1	19D903880P714
PS1	TB1-01	YELLOW	+5	BUS+5	
PS1	TB1-02	YELLOW	+5		
PS1	TB1-03	YELLOW	+5		
PS1	TB1-04	YELLOW	+5	BUS+5	
PS1	TB1-05	YELLOW	+5		
PS1	TB1-06	YELLOW	+5		
PS1	TB1-07	BLACK	GND	BUSGD	
PS1	TB1-08	BLACK	GND		
PS1	TB1-09	BLACK	GND		
PS1	TB1-10	BLACK	GND	BUSGD	
PS1	TB1-11	BLACK	GND		
PS1	TB1-12	BLACK	GND		
PS1	TB1-13	ORANGE	+12	BUS+12	
PS1	TB1-14	BLUE	-12	BUS-12	
PS1	TB1-14	BLUE	-12	BUS-12	
PS1	TB1-15	BLACK	GND	BUSGD	
PS1	TB1-16	BROWN	+5 SENS	BUS+5	
PS1	TB1-17	WHITE	RTN SENS	BUSGD	
PP2	POWER PANEL #02	P01	MODEM SHELF D104A	TB1	19D903880P714
PP2	POWER PANEL #02	P02	MODEM SHELF D104B	TB1	19D903880P714
PP2	POWER PANEL #02	P03	MODEM SHELF D105A	TB1	19D903880P714
PP2	POWER PANEL #02	P04	MODEM SHELF D105B	TB1	19D903880P714
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	

10 SITE 20 CHANNEL CONFIGURATION
Power Connections, Rack #2

(344A4226 Rev. 3)

PS2	TB1-15	BLACK	GND	BUSGD
PS2	TB1-16	BROWN	+5 SENS	BUS+5
PS2	TB1-17	WHITE	RTN SENS	BUSGD

RACK #3

PP1	POWER PANEL #01	P01	MODEM SHELF D106A	TB1	19D903880P714
PP1	POWER PANEL #01	P02	MODEM SHELF D106B	TB1	19D903880P714
PP1	POWER PANEL #01	P03	MODEM SHELF D107A	TB1	19D903880P714
PP1	POWER PANEL #01	P04	MODEM SHELF D107B	TB1	19D903880P714

PS1	TB1-01	YELLOW	+5	BUS+5
PS1	TB1-02	YELLOW	+5	
PS1	TB1-03	YELLOW	+5	
PS1	TB1-04	YELLOW	+5	BUS+5
PS1	TB1-05	YELLOW	+5	
PS1	TB1-06	YELLOW	+5	
PS1	TB1-07	BLACK	GND	BUSGD
PS1	TB1-08	BLACK	GND	
PS1	TB1-09	BLACK	GND	
PS1	TB1-10	BLACK	GND	BUSGD
PS1	TB1-11	BLACK	GND	
PS1	TB1-12	BLACK	GND	
PS1	TB1-13	ORANGE	+12	BUS+12
PS1	TB1-14	BLUE	-12	BUS-12
PS1	TB1-14	BLUE	-12	BUS-12
PS1	TB1-15	BLACK	GND	BUSGD
PS1	TB1-16	BROWN	+5 SENS	BUS+5
PS1	TB1-17	WHITE	RTN SENS	BUSGD

PP2	POWER PANEL #02	P01	MODEM SHELF D108A	TB1	19D903880P714
PP2	POWER PANEL #02	P02	MODEM SHELF D108B	TB1	19D903880P714
PP2	POWER PANEL #02	P03	MODEM SHELF D109A	TB1	19D903880P714
PP2	POWER PANEL #02	P04	MODEM SHELF D109B	TB1	19D903880P714

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

10 SITE 20 CHANNEL CONFIGURATION
Power Connections, Rack #3

(344A4226 Rev. 3)

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

RACK #4

PS1	POWER SUPPLY PS1 TB1-1/6	POWER SUPPLY PS2 TB1-1/6	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

RACK #5

PS1	POWER SUPPLY PS1 TB1-1/6	POWER SUPPLY PS2 TB1-1/6	19D903880P810
PS2	POWER PANEL #01 P13	POWER SUPPLY PS2 TB1-1/6	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 20 CHANNEL CONFIGURATION
Power Connections, Racks #4 & 5

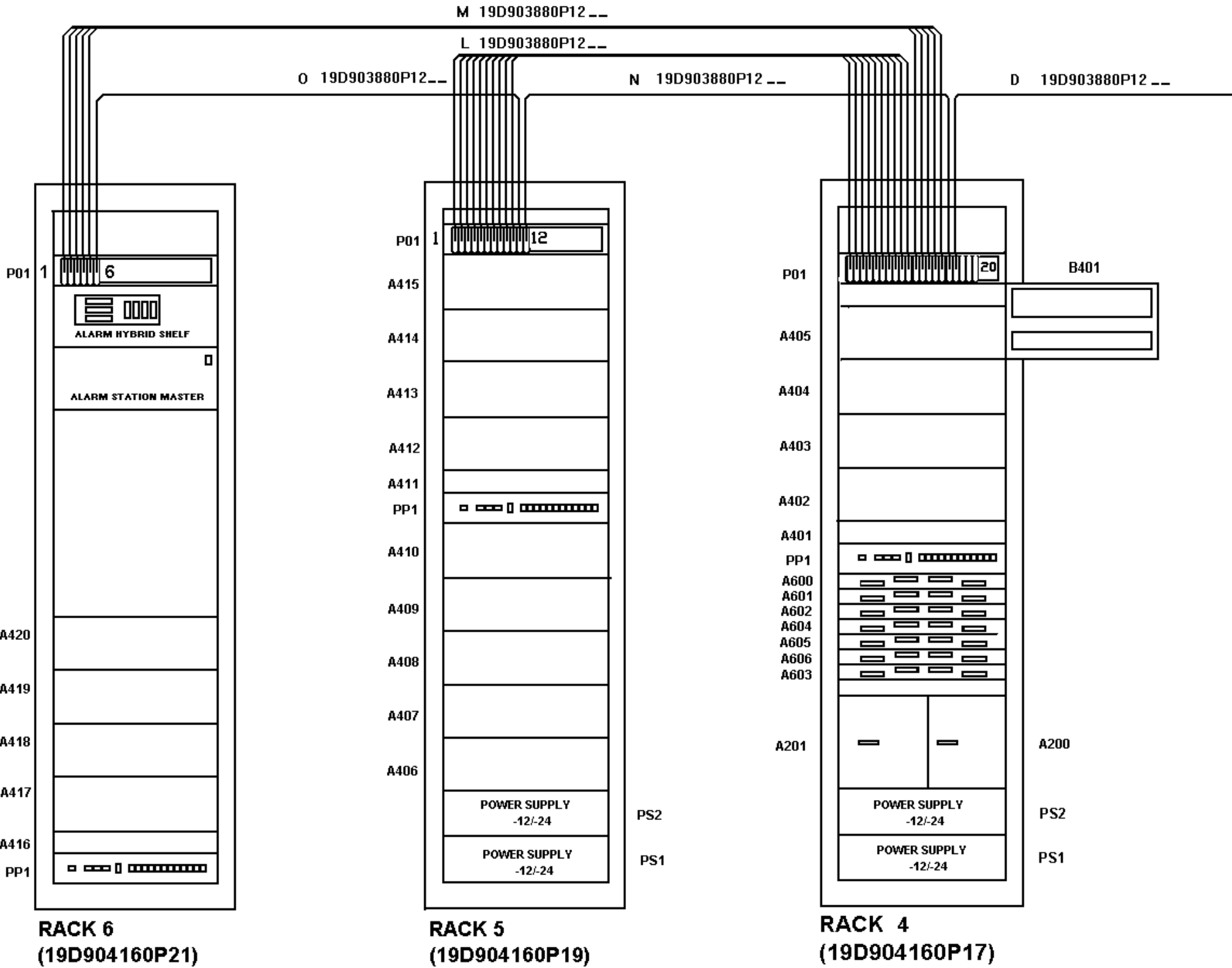
(344A4226 Rev. 3)

RACK #6

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

10 SITE 20 CHANNEL CONFIGURATION
Power Connections, Rack #6

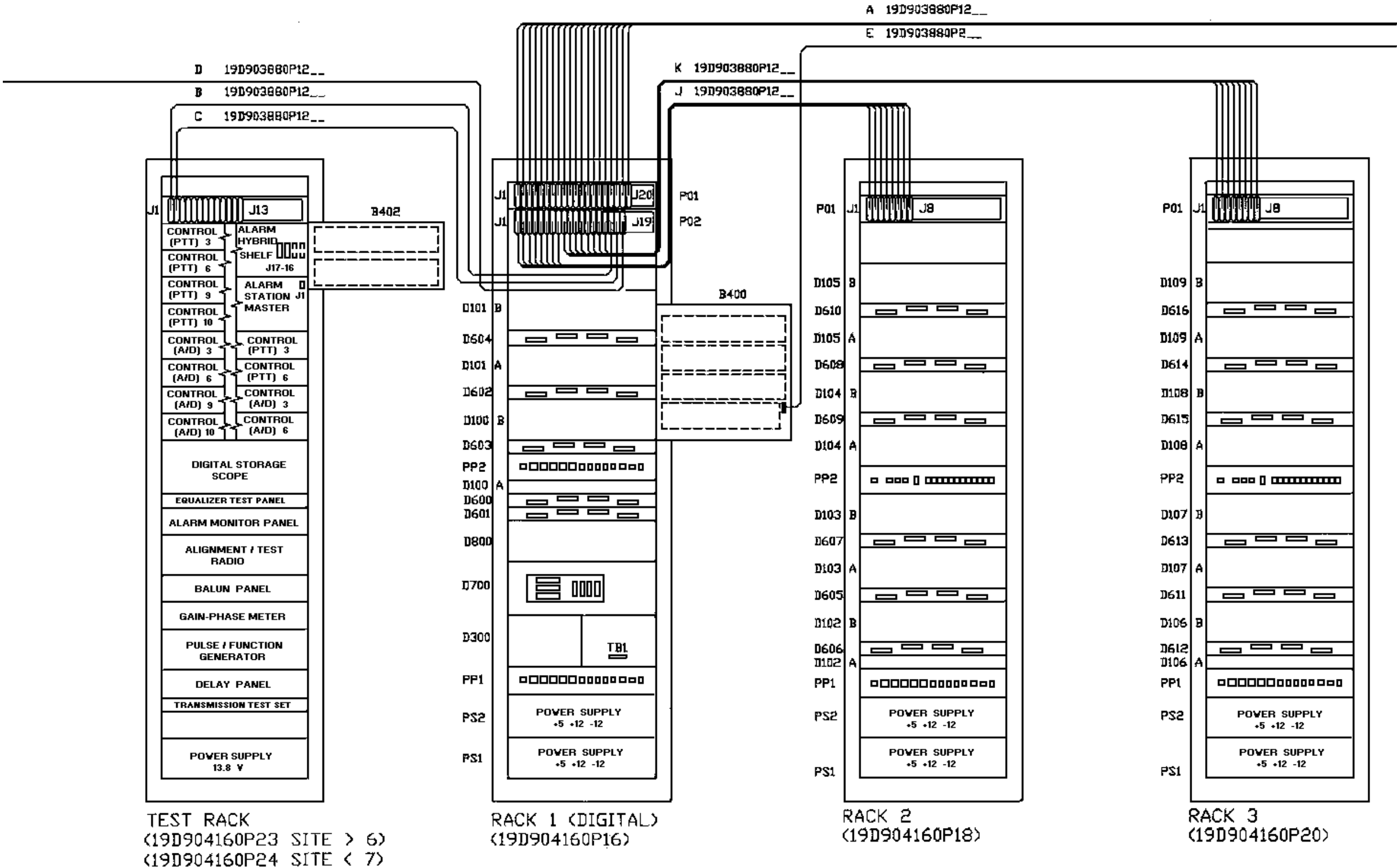
(344A4226 Rev. 3)



BACK VIEW OF RACKS -- WIRING IS DETAILED IN CONNECTION LIST 344A4887

10 SITE 20 CHANNEL CONFIGURATION
Interrack Signal Cabling

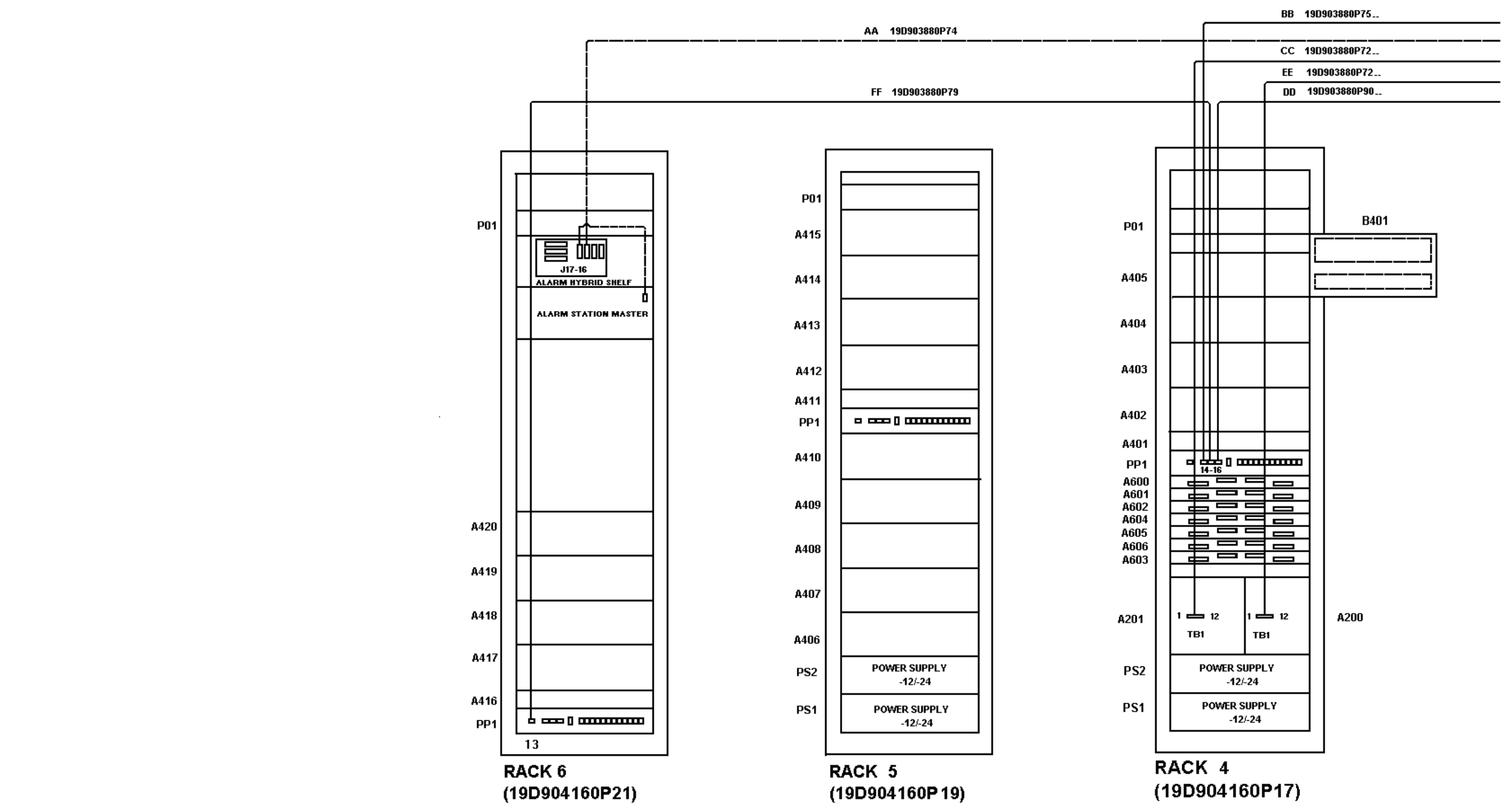
(19C852395 Sh. 1 Rev. 0)



BACK VIEW OF RACKS -- WIRING IS DETAILED IN CONNECTION LIST 344A4887

10 SITE 20 CHANNEL CONFIGURATION
Interrack Signal Cabling

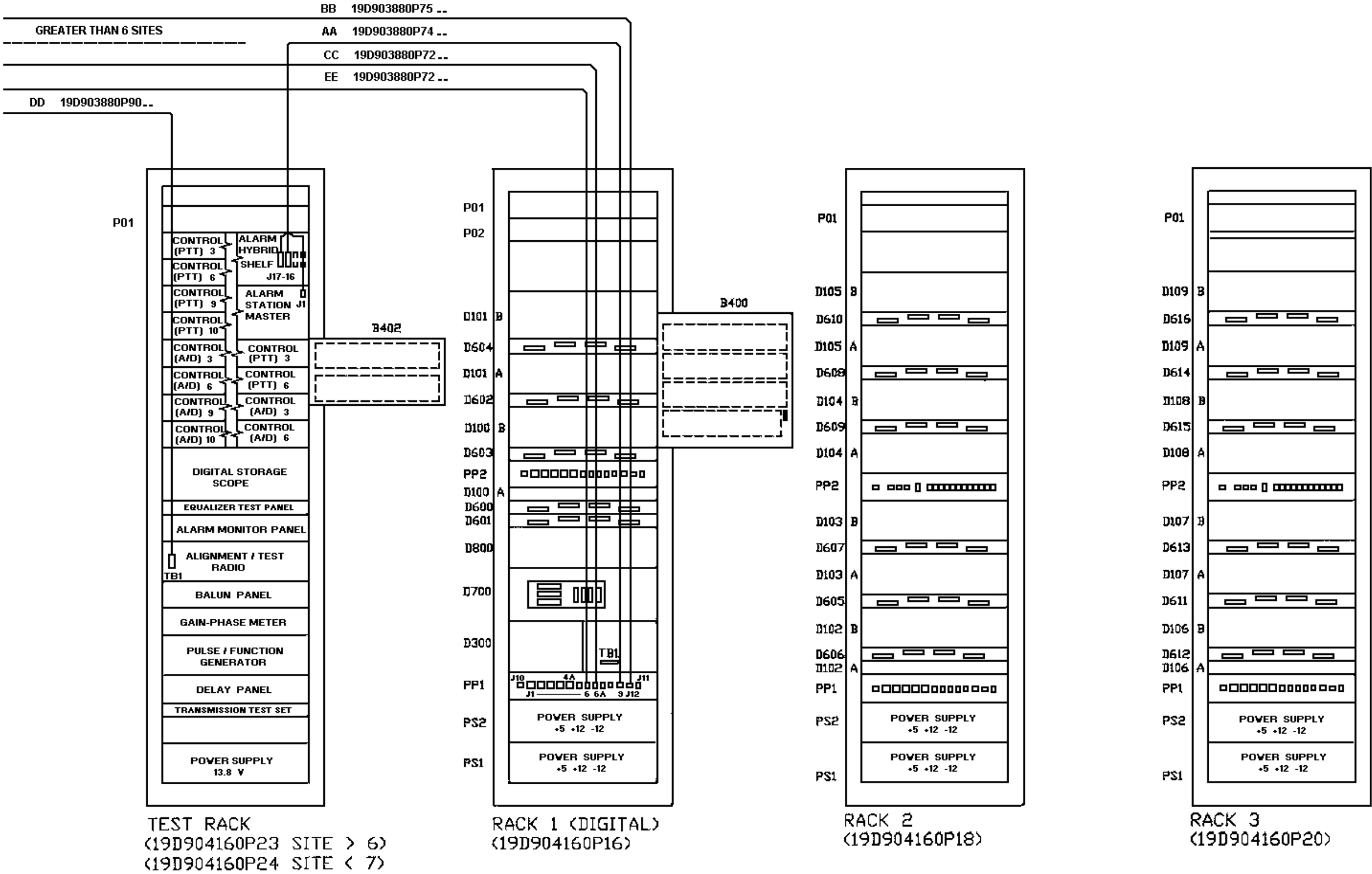
(19C852395 Sh. 2 Rev. 0)



BACK VIEW OF RACKS -- WIRING IS DETAILED IN CONNECTION LIST 444A4887

10 SITE 20 CHANNEL CONFIGURATION
Interrack Power Cabling

(19C852395 Sh. 3 Rev. 0)



BACK VIEW OF RACKS -- WIRING IS DETAILED IN CONNECTION LIST 344A4887

10 SITE 20 CHANNEL CONFIGURATION
Interrack Power Cabling

(19C852395 Sh. 4 Rev. 0)

CABINET TO CABINET CABLES

				CABLE
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	RACK #2 CONNECTOR PANEL 01 P01	19D903880P120	J	
RACK #1 CONNECTOR PANEL 02 P02	RACK #2 CONNECTOR PANEL 01 P02	19D903880P120	J	
RACK #1 CONNECTOR PANEL 02 P03	RACK #2 CONNECTOR PANEL 01 P03	19D903880P120	J	
RACK #1 CONNECTOR PANEL 02 P04	RACK #2 CONNECTOR PANEL 01 P04	19D903880P120	J	
RACK #1 CONNECTOR PANEL 02 P05	RACK #2 CONNECTOR PANEL 01 P05	19D903880P120	J	
RACK #1 CONNECTOR PANEL 02 P06	RACK #2 CONNECTOR PANEL 01 P06	19D903880P120	J	
RACK #1 CONNECTOR PANEL 02 P07	RACK #2 CONNECTOR PANEL 01 P07	19D903880P120	J	
RACK #1 CONNECTOR PANEL 02 P08	RACK #2 CONNECTOR PANEL 01 P08	19D903880P120	J	
RACK #1 CONNECTOR PANEL 02 P09	RACK #3 CONNECTOR PANEL 01 P01	19D903880P122	K	
RACK #1 CONNECTOR PANEL 02 P10	RACK #3 CONNECTOR PANEL 01 P02	19D903880P122	K	
RACK #1 CONNECTOR PANEL 02 P11	RACK #3 CONNECTOR PANEL 01 P03	19D903880P122	K	
RACK #1 CONNECTOR PANEL 02 P12	RACK #3 CONNECTOR PANEL 01 P04	19D903880P122	K	
RACK #1 CONNECTOR PANEL 02 P13	RACK #3 CONNECTOR PANEL 01 P05	19D903880P122	K	
RACK #1 CONNECTOR PANEL 02 P14	RACK #3 CONNECTOR PANEL 01 P06	19D903880P122	K	
RACK #1 CONNECTOR PANEL 02 P15	RACK #3 CONNECTOR PANEL 01 P07	19D903880P122	K	
RACK #1 CONNECTOR PANEL 02 P16	RACK #3 CONNECTOR PANEL 01 P08	19D903880P122	K	

RACK #1 CONNECTOR PANEL 02 P17	RACK TEST CONNECTOR PANEL 01 P12	19D903880P120	B
RACK #1 CONNECTOR PANEL 02 P18	RACK TEST CONNECTOR PANEL 01 P13	19D903880P120	C
RACK #1 CONNECTOR PANEL 02 P19	RACK #4 CONNECTOR PANEL 01 P17	19D903880P123	D
RACK #1 CONNECTOR PANEL 02 P20	FIELD INSTAL DIGITAL ALARMS		
DIGITAL CROSS CONNECT P97	GETC CAB. SYNC CTRL (SERIAL DATA J24)	19D903880P25	

RACK #4 CONNECTOR PANEL 01 P18			FIELD INSTAL ANALOG BSEL			
RACK #4 CONNECTOR PANEL 01 P01			RACK #5 CONNECTOR PANEL 01 P01		19D903880P120	L
RACK #4 CONNECTOR PANEL 01 P02			RACK #5 CONNECTOR PANEL 01 P02		19D903880P120	L
RACK #4 CONNECTOR PANEL 01 P03			RACK #5 CONNECTOR PANEL 01 P03		19D903880P120	L
RACK #4 CONNECTOR PANEL 01 P04			RACK #5 CONNECTOR PANEL 01 P04		19D903880P120	L
RACK #4 CONNECTOR PANEL 01 P05			RACK #5 CONNECTOR PANEL 01 P05		19D903880P120	L
RACK #4 CONNECTOR PANEL 01 P06			RACK #5 CONNECTOR PANEL 01 P06		19D903880P120	L
RACK #4 CONNECTOR PANEL 01 P07			RACK #5 CONNECTOR PANEL 01 P07		19D903880P120	L
RACK #4 CONNECTOR PANEL 01 P08			RACK #5 CONNECTOR PANEL 01 P08		19D903880P120	L
RACK #4 CONNECTOR PANEL 01 P09			RACK #5 CONNECTOR PANEL 01 P09		19D903880P120	L
RACK #4 CONNECTOR PANEL 01 P10			RACK #5 CONNECTOR PANEL 01 P10		19D903880P120	L
RACK #4 CONNECTOR PANEL 01 P11			RACK #6 CONNECTOR PANEL 01 P01		19D903880P122	M
RACK #4 CONNECTOR PANEL 01 P12			RACK #6 CONNECTOR PANEL 01 P02		19D903880P122	M
RACK #4 CONNECTOR PANEL 01 P13			RACK #6 CONNECTOR PANEL 01 P03		19D903880P122	M
RACK #4 CONNECTOR PANEL 01 P14			RACK #6 CONNECTOR PANEL 01 P04		19D903880P122	M
RACK #4 CONNECTOR PANEL 01 P15			RACK #6 CONNECTOR PANEL 01 P05		19D903880P122	M
RACK #4 CONNECTOR PANEL 01 P16			RACK #5 CONNECTOR PANEL 01 P12		19D903880P120	N
RACK #5 CONNECTOR PANEL 01 P11			RACK #6 CONNECTOR PANEL 01 P06		19D903880P120	O
PP1	RACK #1 POWER PANEL #01 J09	TEST RACK ALARM SHELF* J01	19D903880P740			
	HYBRID SHEL D J16					
	HYBRID SHEL D J17					
PP1	RACK #4 POWER PANEL #01 J15	RACK #6 POWER PANEL #01 J13	19D903880P790			
PP1	RACK #1 POWER PANEL #01 J12	RACK #4 POWER PANEL #01(-24) J14	19D903880P750			
PP1	RACK #1 POWER PANEL #01 J06	RACK #4 ANALOG DELAY SHELF TB1(A200)	19D903880P729			
PP1	RACK #1 POWER PANEL #01 J06A	RACK #4 ANALOG DELAY SHELF TB1(A201)	19D903880P729			
PP1	RACK #4 POWER PANEL #01 J16	TEST PACK ALIGNMENT REC TB1	19D903880P900			
CC	TEST RACK ALARM COMPUTER J01	TEST RACK ALARM SHELF* J08	19D903985P72			

* LOCATED IN TEST RACK FOR SITE=1-6

LOCATED IN RACK 6 SITE=7-10

10 SITE 20 CHANNEL CONFIGURATION
Interrack Cabling, Rack #1 Connector Panel

(344A4887 Rev. 0)

10 SITE 20 CHANNEL CONFIGURATION
Interrack Cabling, Rack #4 Connector Panel & Power Panel

(344A4887 Rev. 0)

SITE CONTROLLER TO THE GETC RACK AND TO THE RIC RACK

GETC RACK				CABLE	LENGTH
PANEL 1 MODULE 1	GETC DATA 1-12	J14	SITE CNTL PANEL 1 MODULE 4	J14 A 19D903880P121	15’
PANEL 1 MODULE 3	NOT USED IN SIMULCAST SYSTEM				
PANEL 1 MODULE 4	SERIAL	J21	SITE CNTL PANEL 1 MODULE 6	J07 C 19D903880P162	10’
PANEL 1 MODULE 5	GETC RESET				
PANEL 1 MODULE 6	NOT USED IN SIMULCAST SYSTEM				
PANEL 2 MODULE 1	GETC DATA 13-24	J14	SITE CNTL PANEL 1 MODULE 5	J14 D 19D903880P121	15’
RIC RACK					
PANEL 1 MODULE 3	RIC AUDIO (LIX)1-12	J14	SITE CNTL PANEL 1 MODULE 2	J14 R 19D903880P121	15’
PANEL 1 MODULE 4	RIC AUDIO (LIX)13-24	J14	SITE CNTL PANEL 1 MODULE 3	J14 S 19D903880P121	15’
PANEL 1 MODULE 5	SERIAL LINK	J21	SITE CNTL PANEL 1 MODULE 6	J04 T 19D903880P162	10’
PANEL 1 MODULE 6					

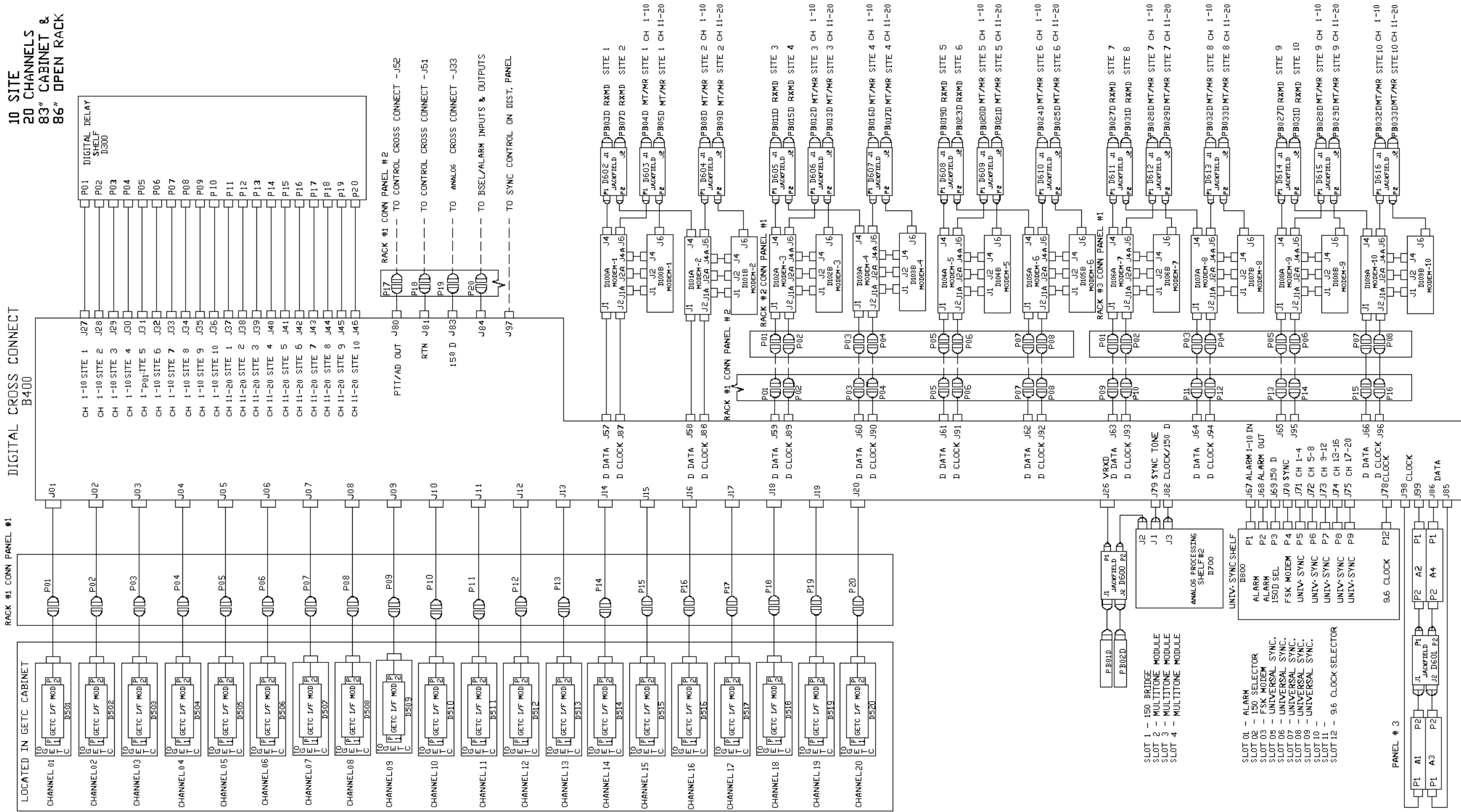
SITE CONTROLLER

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)

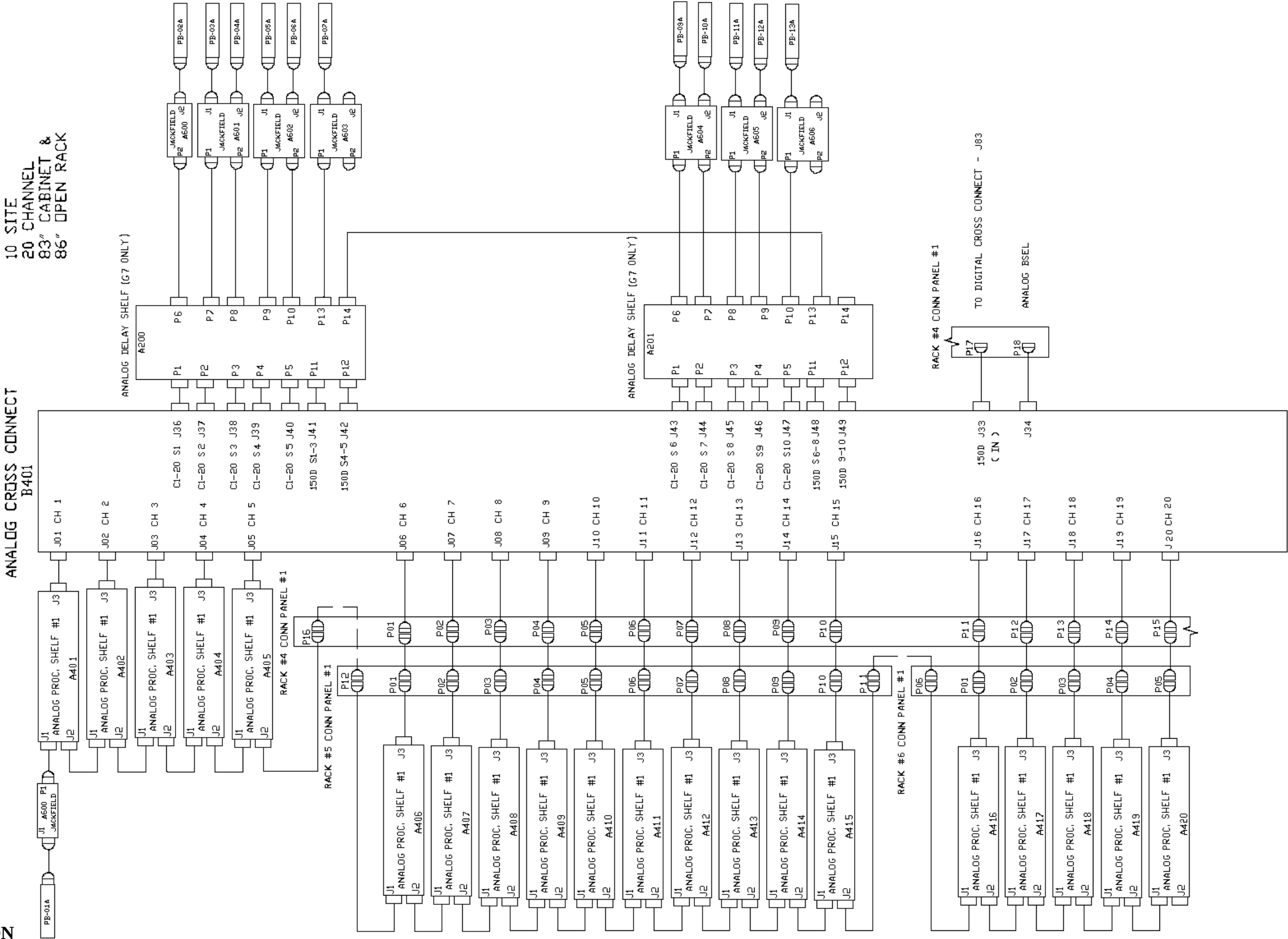
10 SITE 20 CHANNEL CONFIGURATION
Digital Cross Connect

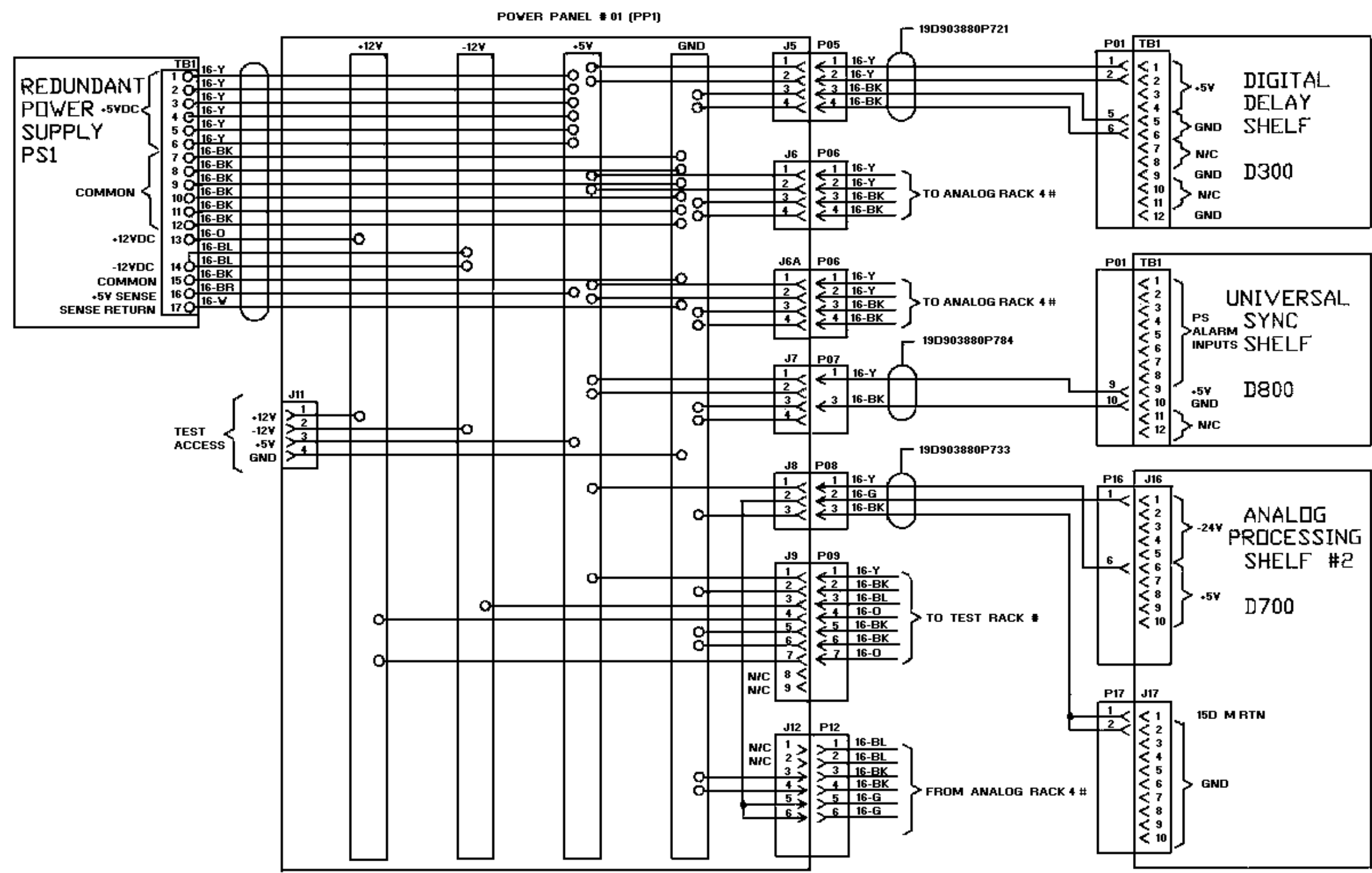
(19C852269 Sh. 1, Rev. 3)



10 SITE 20 CHANNEL CONFIGURATION
Analog Cross Connect Wiring Diagram

(19C852270 Sh. 2, Rev. 0)



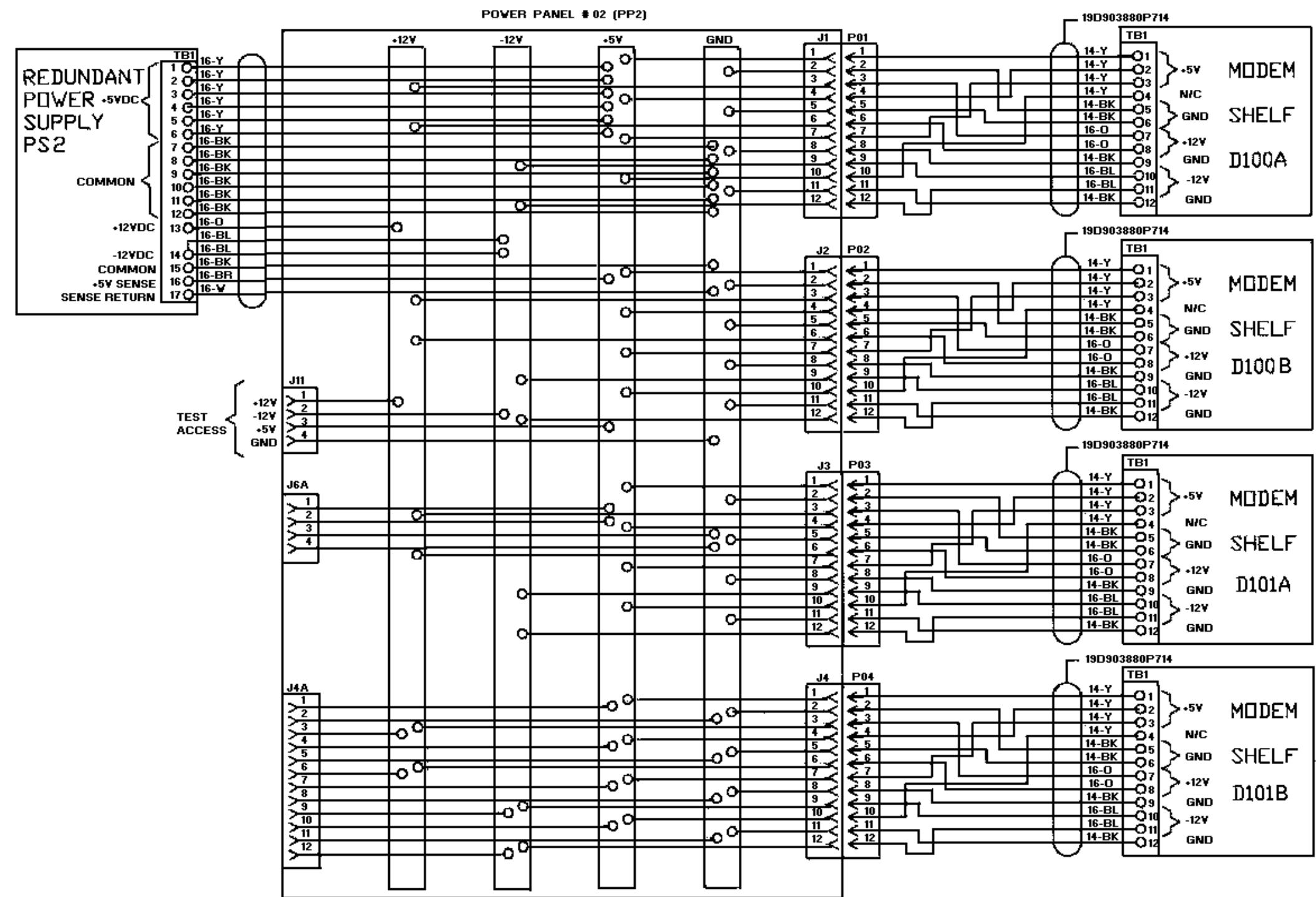


DIGITAL RACK 1

WIRING IS DETAILED IN CONNECTION LIST 344A4226
* SEE 19C852391 SH 3 & 4 FOR INTERRACK POWER WIRING DIAGRAM

10 SITE 20 CHANNEL CONFIGURATION
Digital Rack 1

(19C852415 Sh.1, Rev. 0)

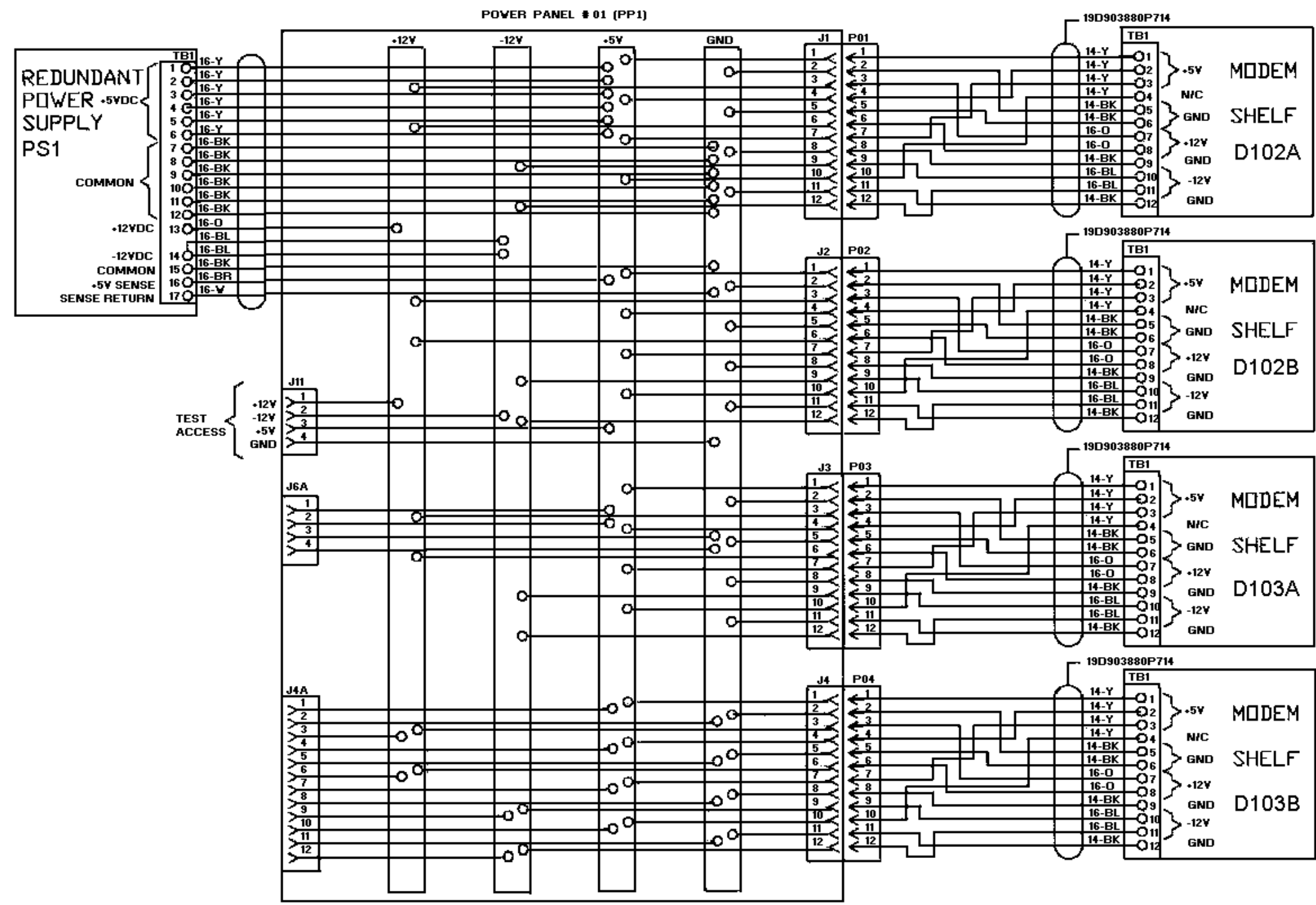


DIGITAL RACK 1

WIRING IS DETAILED IN CONNECTION LIST 344A4226
* SEE 19C852391 SH 3&4 FOR INTERRACK POWER WIRING DIAGRAM

10 SITE 20 CHANNEL CONFIGURATION
Digital Rack 1

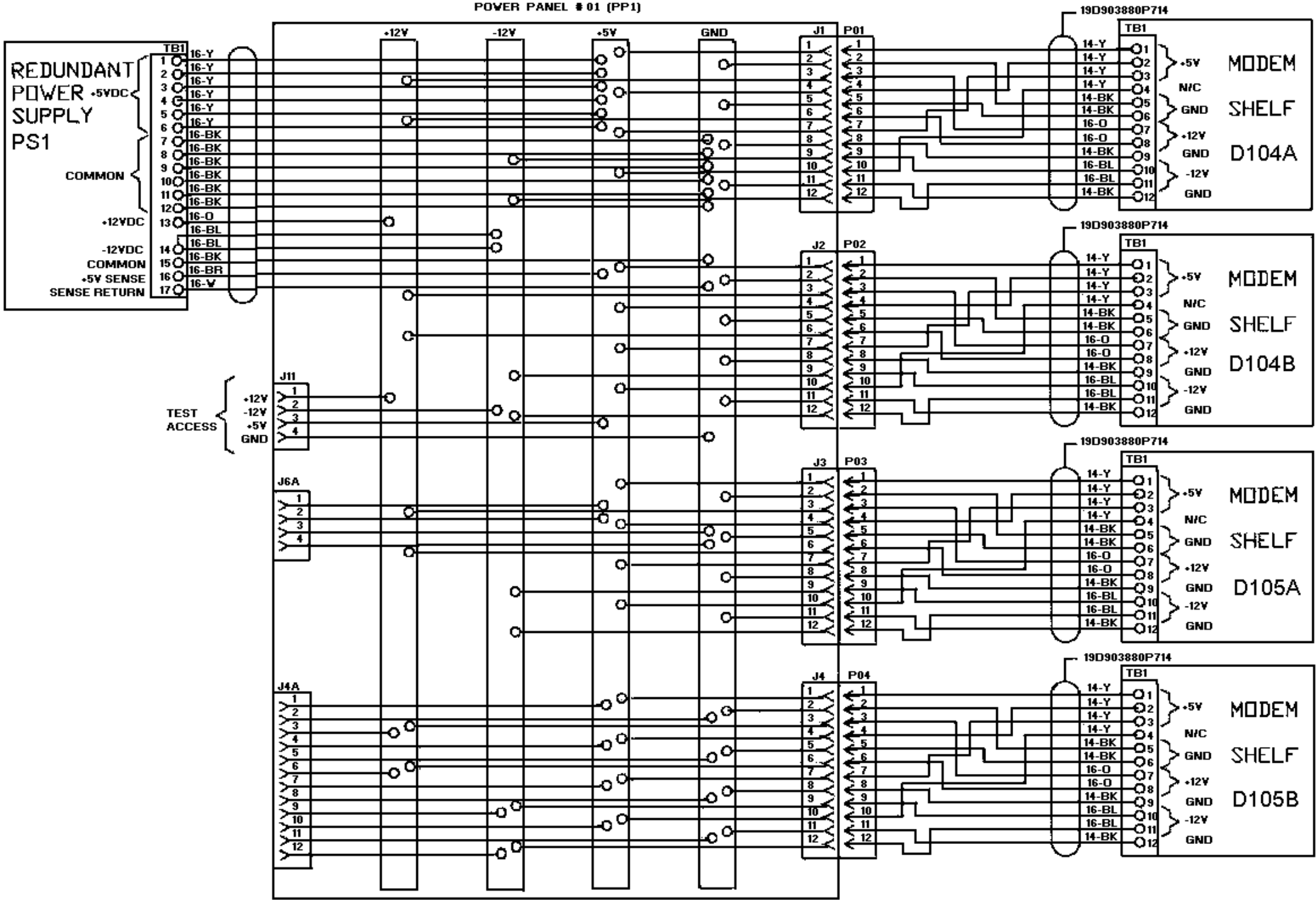
(19C852415 Sh. 2, Rev. 0)



DIGITAL RACK 2 WIRING IS DETAILED IN CONNECTION LIST 344A4226
* SEE 19C852391 SH 3&4 FOR INTERRACK POWER WIRING DIAGRAM

10 SITE 20 CHANNEL CONFIGURATION
DC Power Wiring Diagram, Digital Rack 2

(19C852415 Sh. 3, Rev. 0)

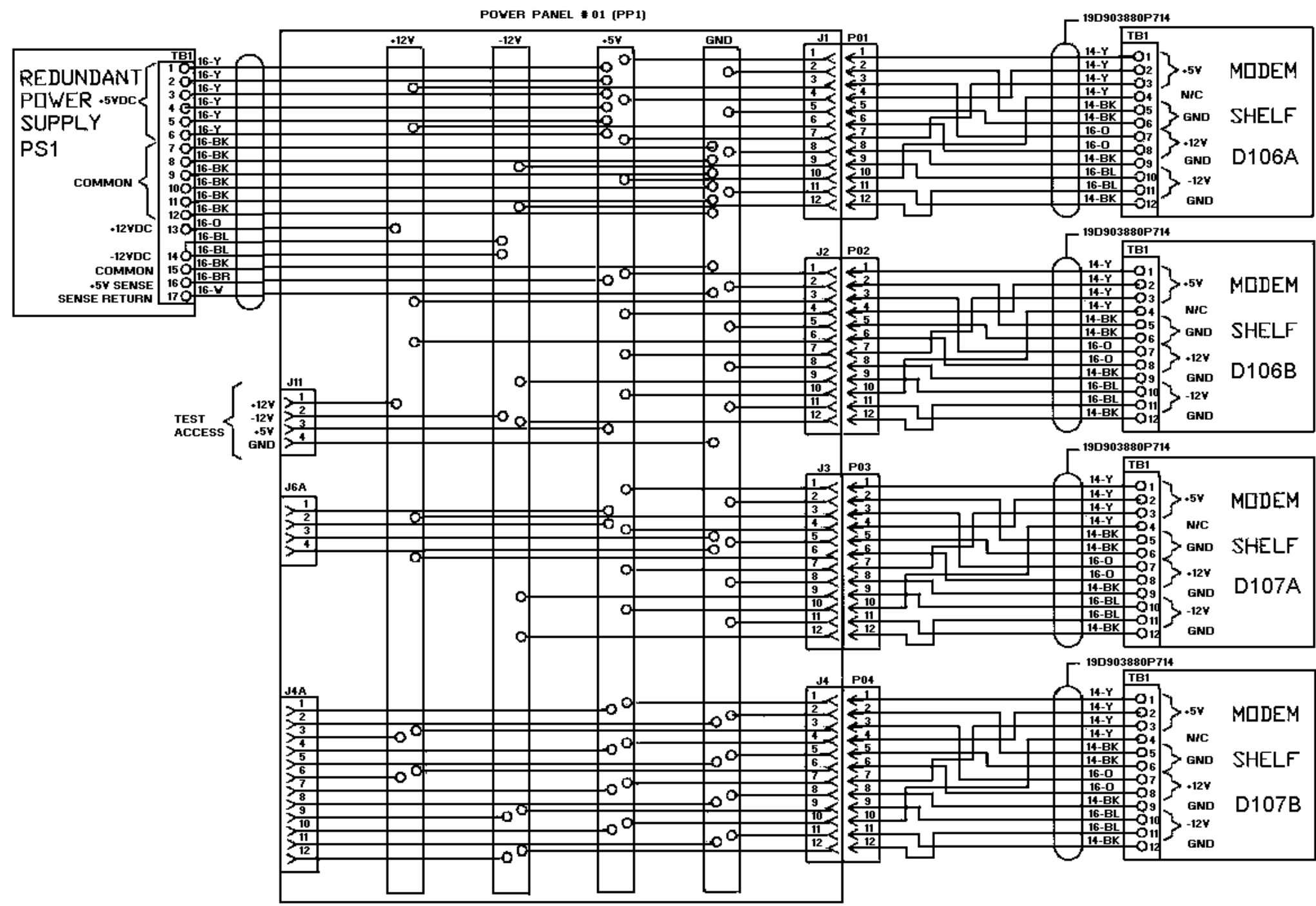


DIGITAL RACK 2

WIRING IS DETAILED IN CONNECTION LIST 344A4226
* SEE 19C852391 SH 3&4 FOR INTERRACK POWER WIRING DIAGRAM

10 SITE 20 CHANNEL CONFIGURATION
Digital Rack 2

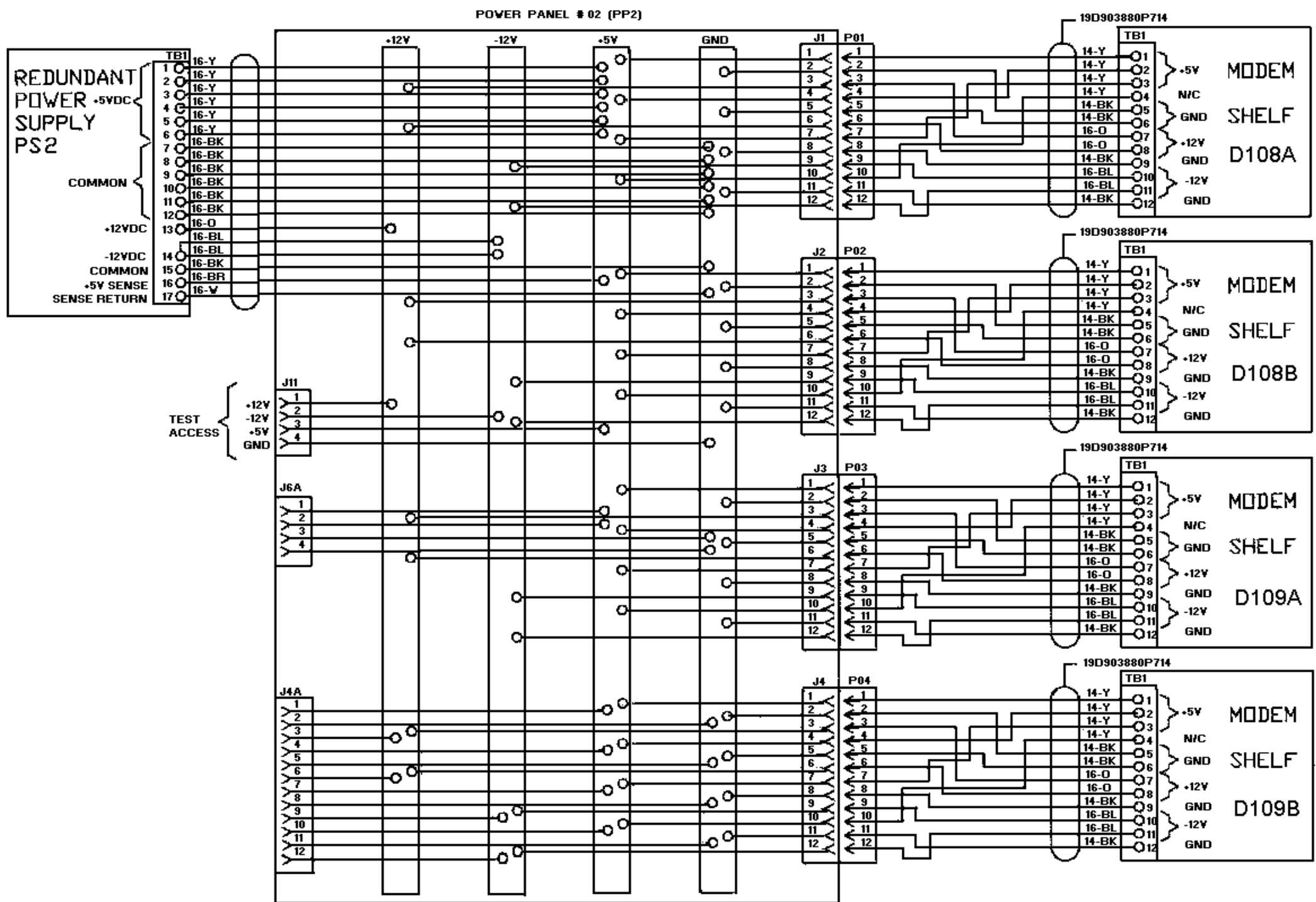
(19C852415 Sh. 4, Rev. 0)



DIGITAL RACK 3 WIRING IS DETAILED IN CONNECTION LIST 344A4226
* SEE 19C852391 SH 3&4 FOR INTERRACK POWER WIRING DIAGRAM

10 SITE 20 CHANNEL CONFIGURATION
Digital Rack 3

(19C852415 Sh. 5, Rev. 0)

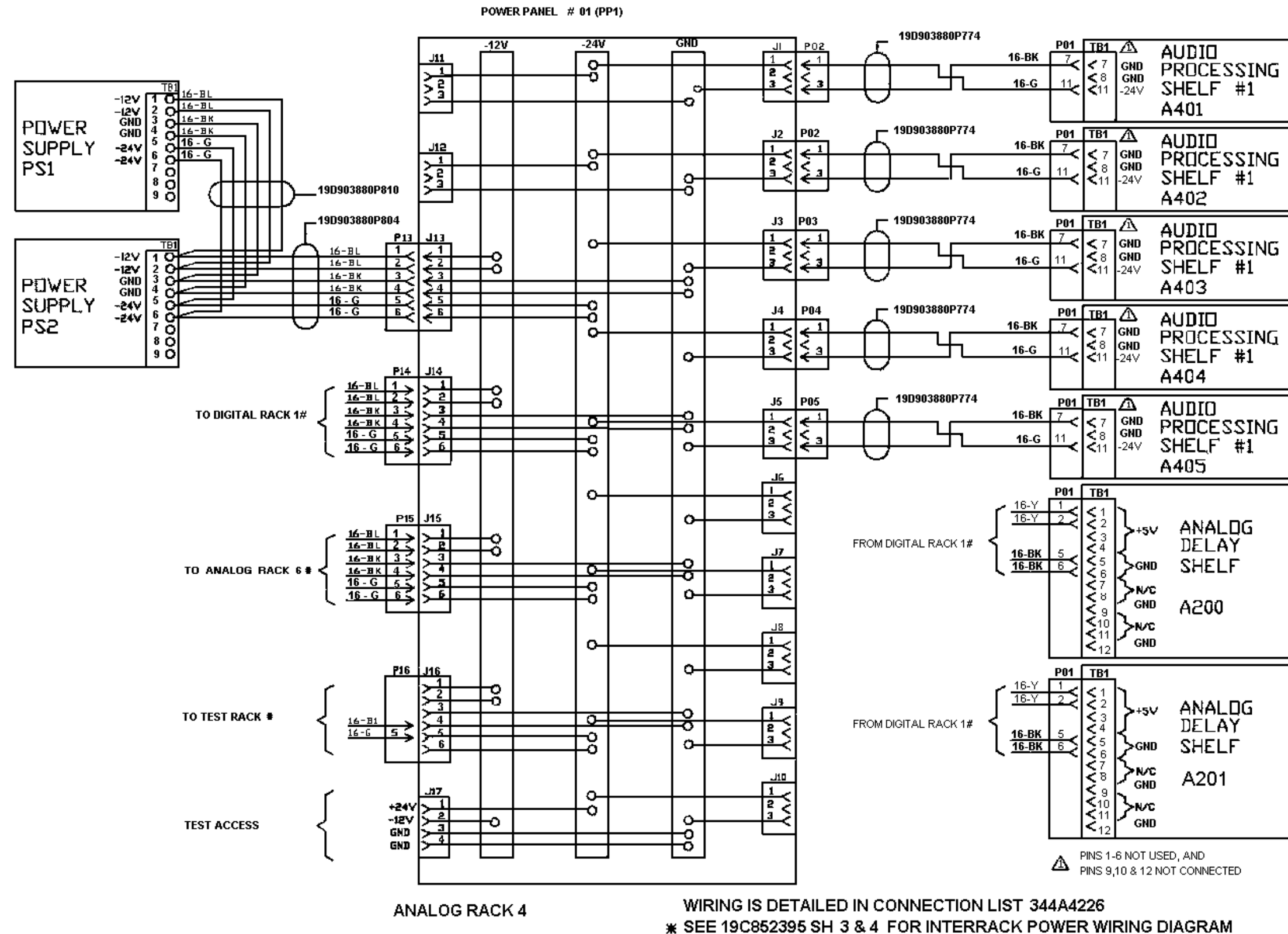


DIGITAL RACK 3

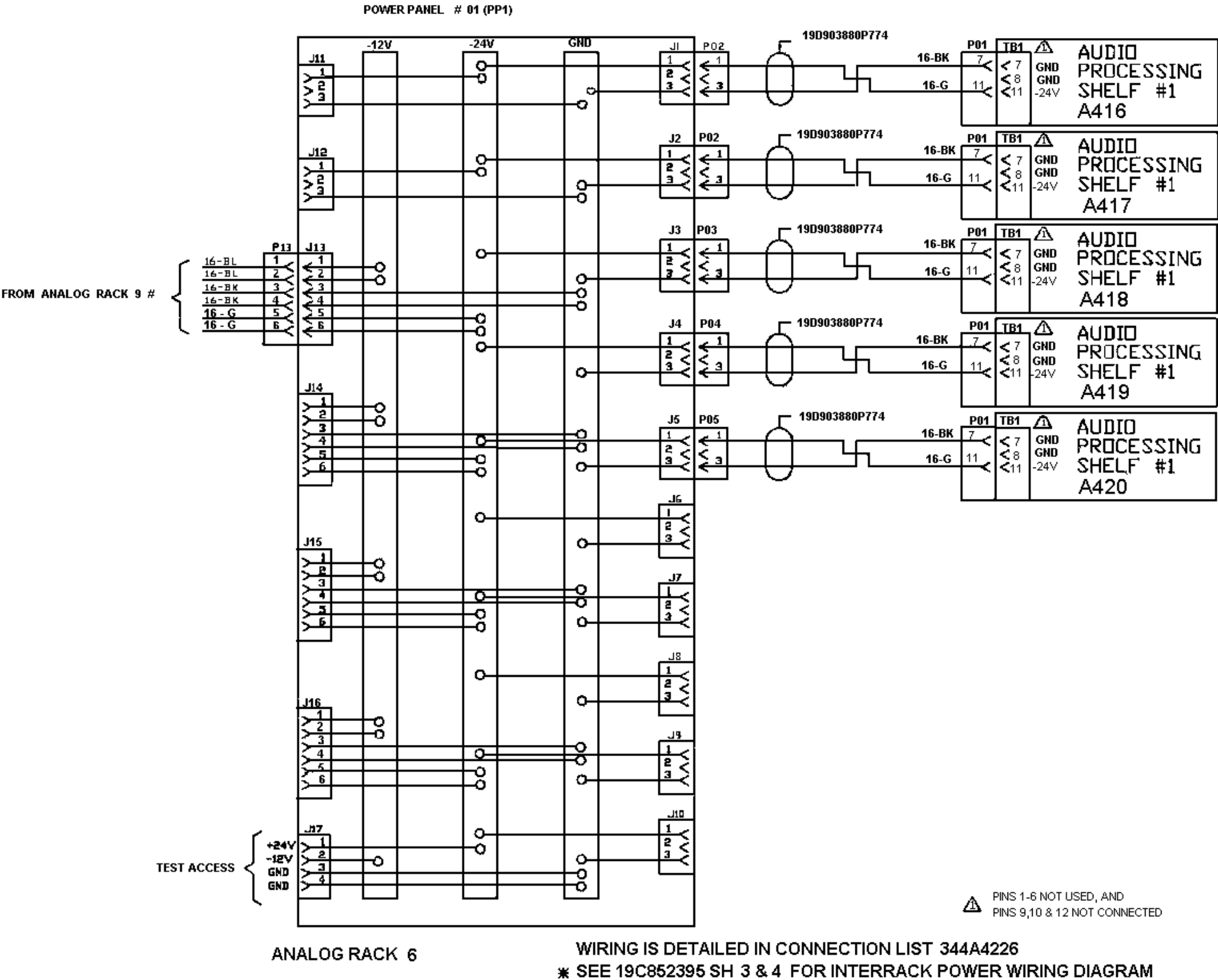
WIRING IS DETAILED IN CONNECTION LIST 344A4226
* SEE 19C852391 SH 3&4 FOR INTERRACK POWER WIRING DIAGRAM

10 SITE 20 CHANNEL CONFIGURATION
Digital Rack 3

(19C852415 Sh. 6, Rev. 0)







10 SITE 20 CHANNEL CONFIGURATION
Digital Rack 6

(19C852415 Sh. 9, Rev. 0)