

MAINTENANCE MANUAL
GPS SIMULCAST DRAWINGS
(Control Point)

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DESCRIPTION

SYSTEM DRAWINGS

This maintenance manual provides GPS Simulcast System Drawings of the Control Point for six (6), twelve (12) and seventeen (17) site, 24 channel installations. These drawings include Control Point Configuration Diagram 19C852717 and Floor Plans 19C852715. Interrack Cable Connection List 107 11-BAT 150 123 is also provided as part of this manual.

CONFIGURATIONS

The Simulcast part of the Control Point is seamlessly expandable from two (2) sites to seventeen (17) sites (Actually 24 Sites) with no changes of internal rack configurations.

A single analog voter shelf supports a maximum of 6 sites, so the voter part of the Simulcast Control Point is supplied as either a 6 site voter (single analog shelf), a 12 site voter (2 analog voter shelves), or a 17 site voter (3 analog shelves).

The digital voter shelf supports a maximum of 17 sites, so a system larger than 17 sites requires an additional digital voter shelf.

Control Point Configuration Diagrams

Control Point Configuration Diagram 19C852717, Sheets 1 and 2 identify the cabinets installed at the Control Point with 6 sites and 24 channels. Diagram 19C852717, Sheets 3 and 4 identify the cabinets at the Control Point with 12 sites and 24 channels and diagram 19C852717, Sheets 5, 6 and 7 identify the cabinets at the Control Point with 17 sites and 24 channels.

Floor Plans

Floor Plan Drawing 19C852715, Sheet 1 shows Floor Plans for a 6 site system. Drawing 19C852715, Sheet 2 shows the Floor Plans for a 12 site system. Drawing 19C852715, Sheet 3 shows Floor Plans for a 17 site system. Drawing 19C852715, Sheet 4 provides a GPS Simulcast Control Point Ductwork Installation Guide for a 6 site system. Drawing 19C852715, Sheet 5 provides a GPS Simulcast Control Point Ductwork Installation Guide for a 12 site system and drawing 19C852715, Sheet 6 provides a GPS Simulcast Control Point Ductwork Installation Guide for a seventeen (17) site systems.

Cable Connection List

The cable connections listed in GPS Simulcast Interrack Cable Connection List 107 11-BAT 150 123 are for those cables required at the GPS Simulcast Control Point. This list identifies the cable and where it connect from (Rack, Panel, Module and Jack) and where it connects to (Rack, Panel, Module and Jack). Connection List 107 11-BAT 150 123, Sheets 1 thru 4 are GPS Simulcast Control Point Interrack Cables. Sheets 5 is for 6 Site Voter Interface Cables. Sheets 6 & 7 are for 12 Site Voter Interface Cables and Sheets 8 & 9 are for 17 Site Voter Interface Cables.

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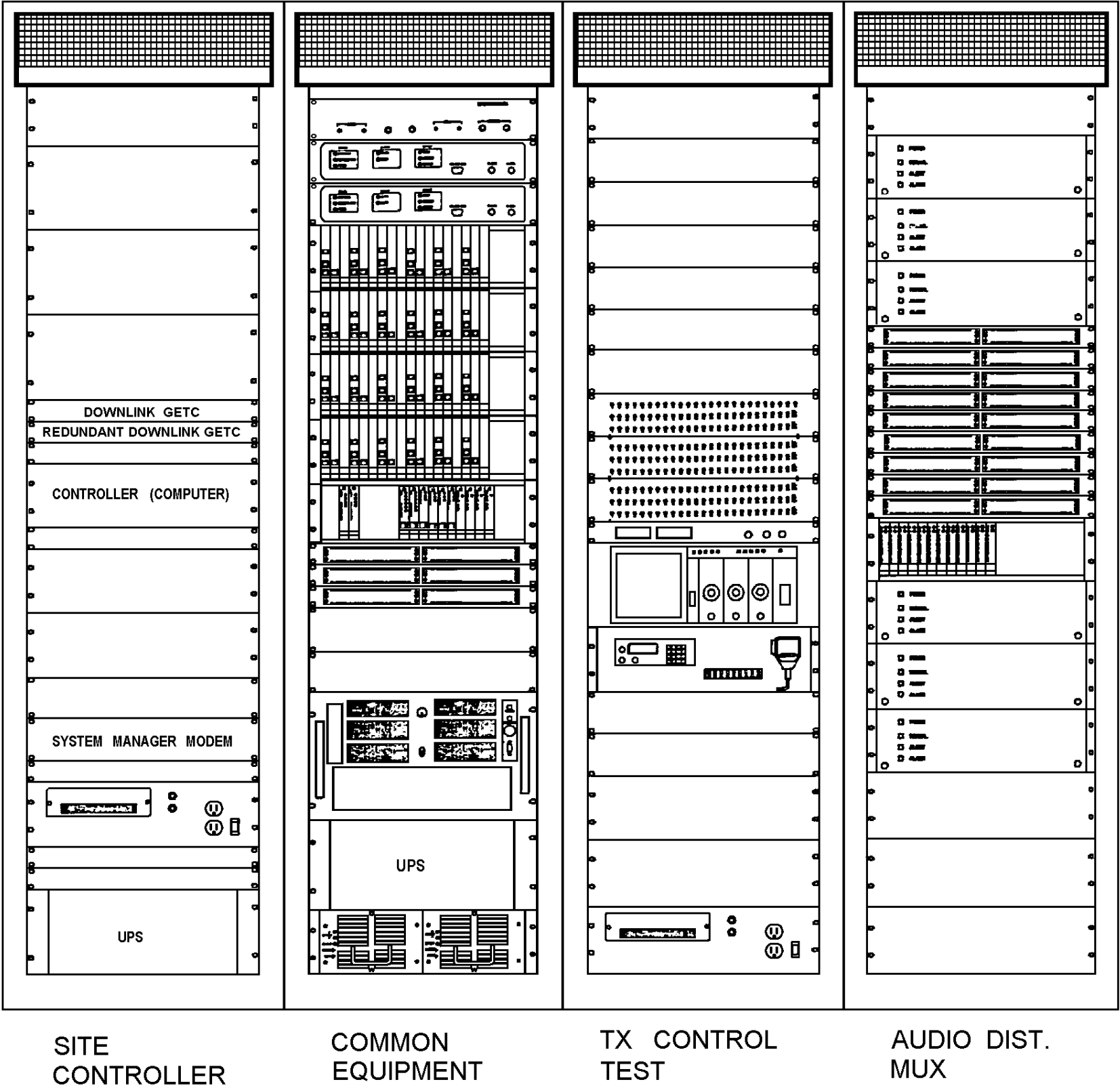
NOTICE!

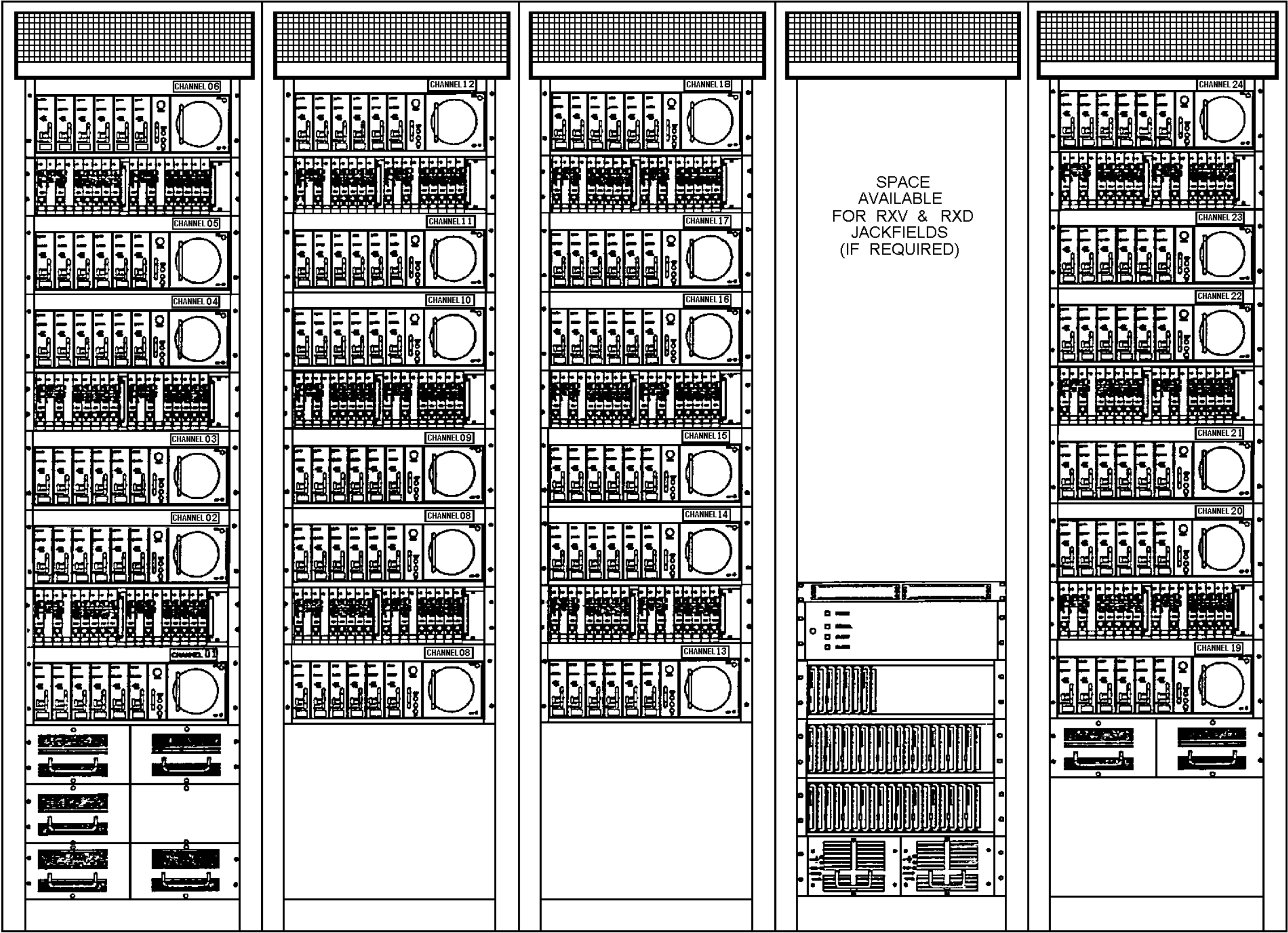
Repairs to this equipment should be made only by an authorized service technician or facility designated by the supplier. Any repairs, alterations or substitution of recommended parts made by the user to this equipment not approved by the manufacturer could void the user's authority to operate the equipment in addition to the manufacturer's warranty.

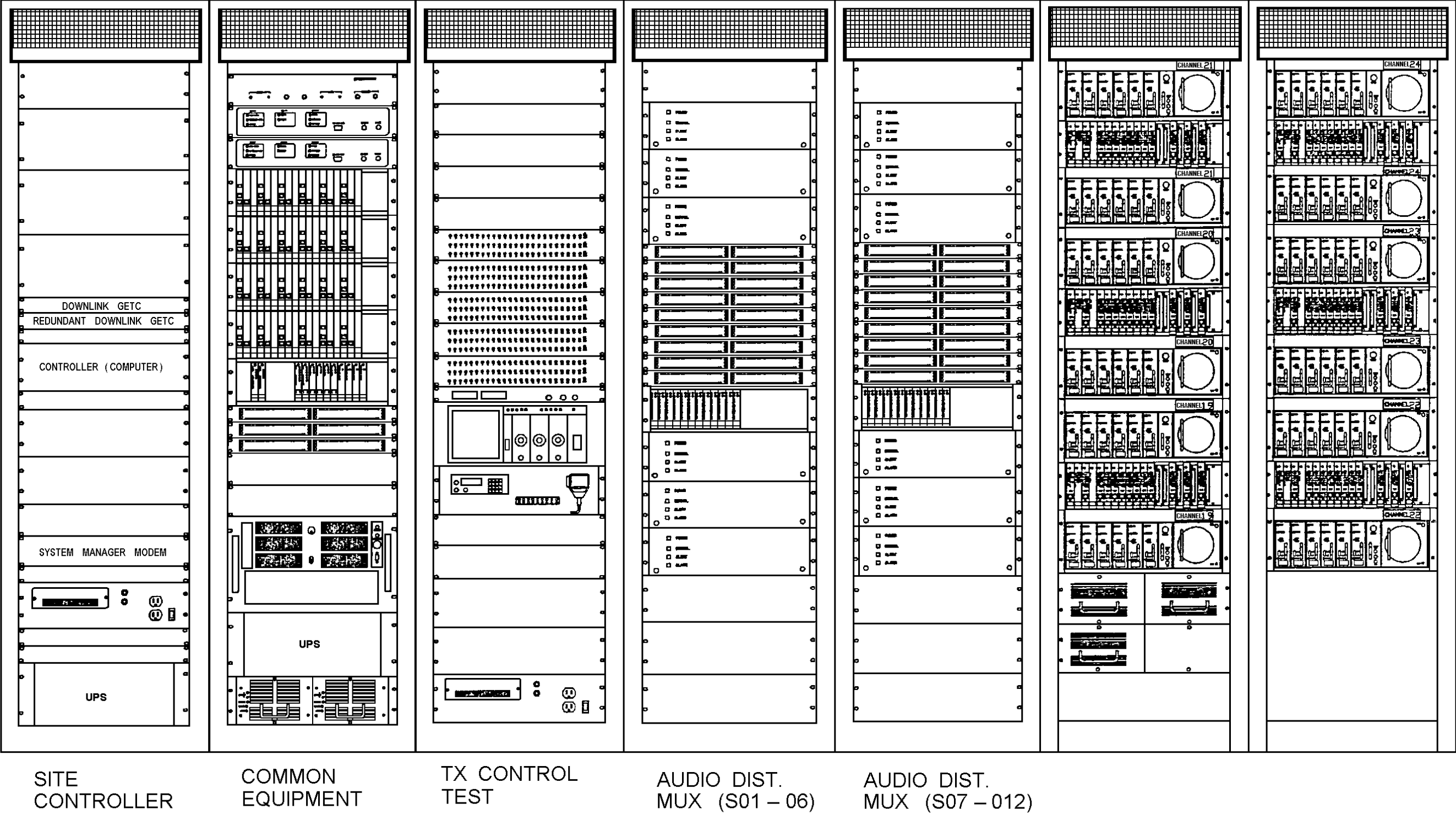
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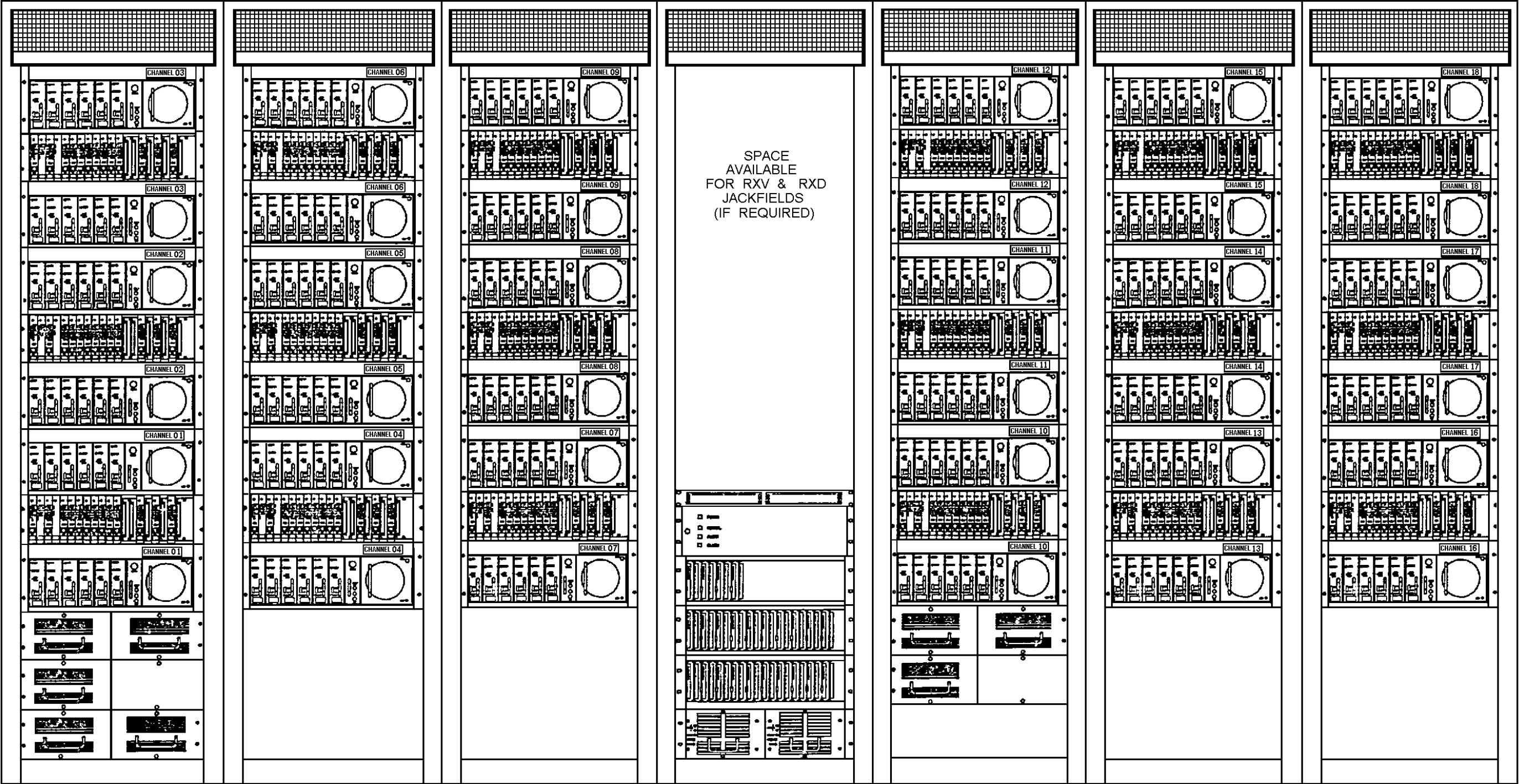


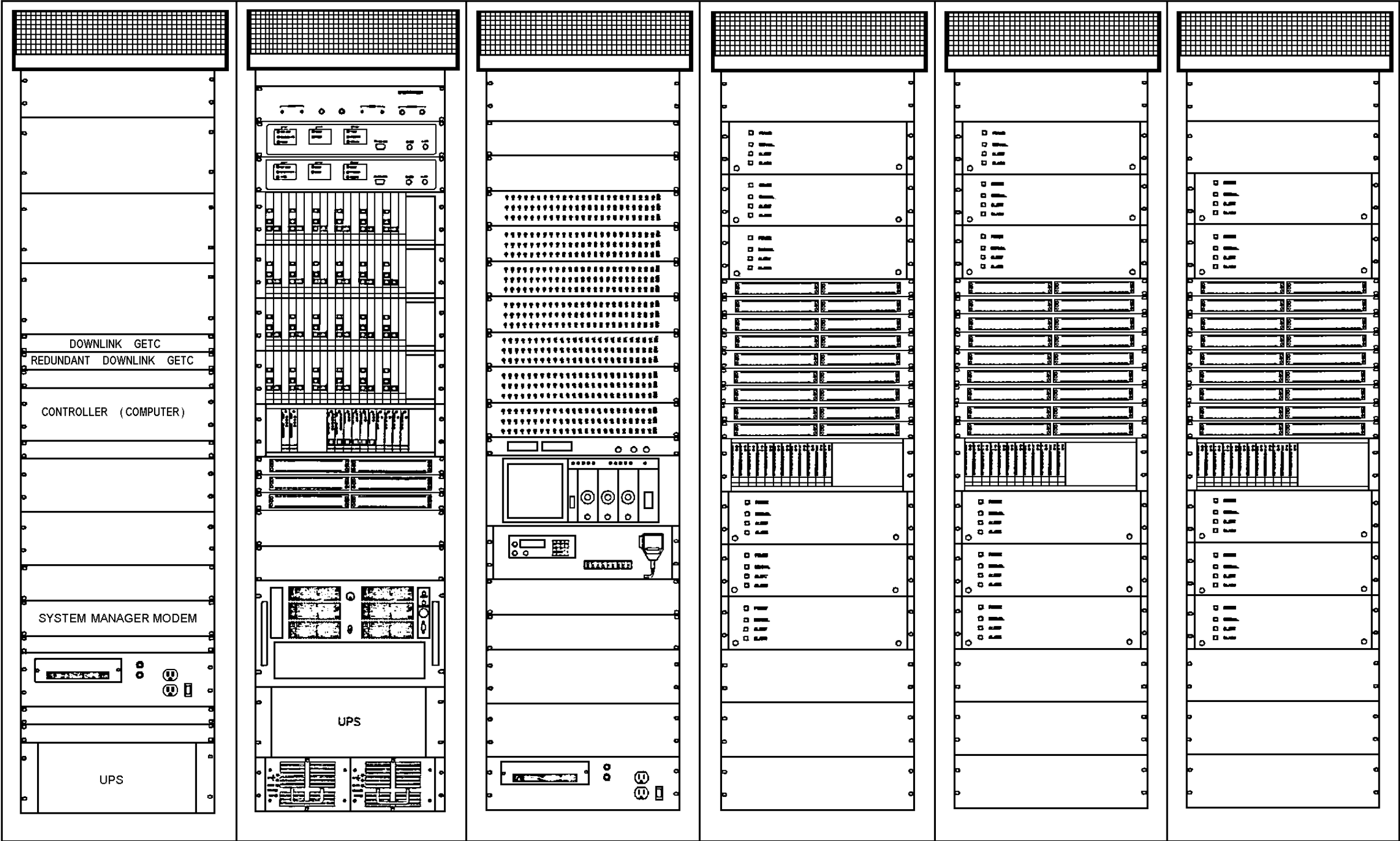




12 Site 24 Channel

(19C852717, Sheet 3, Rev. 0)





SITE
CONTROLLER

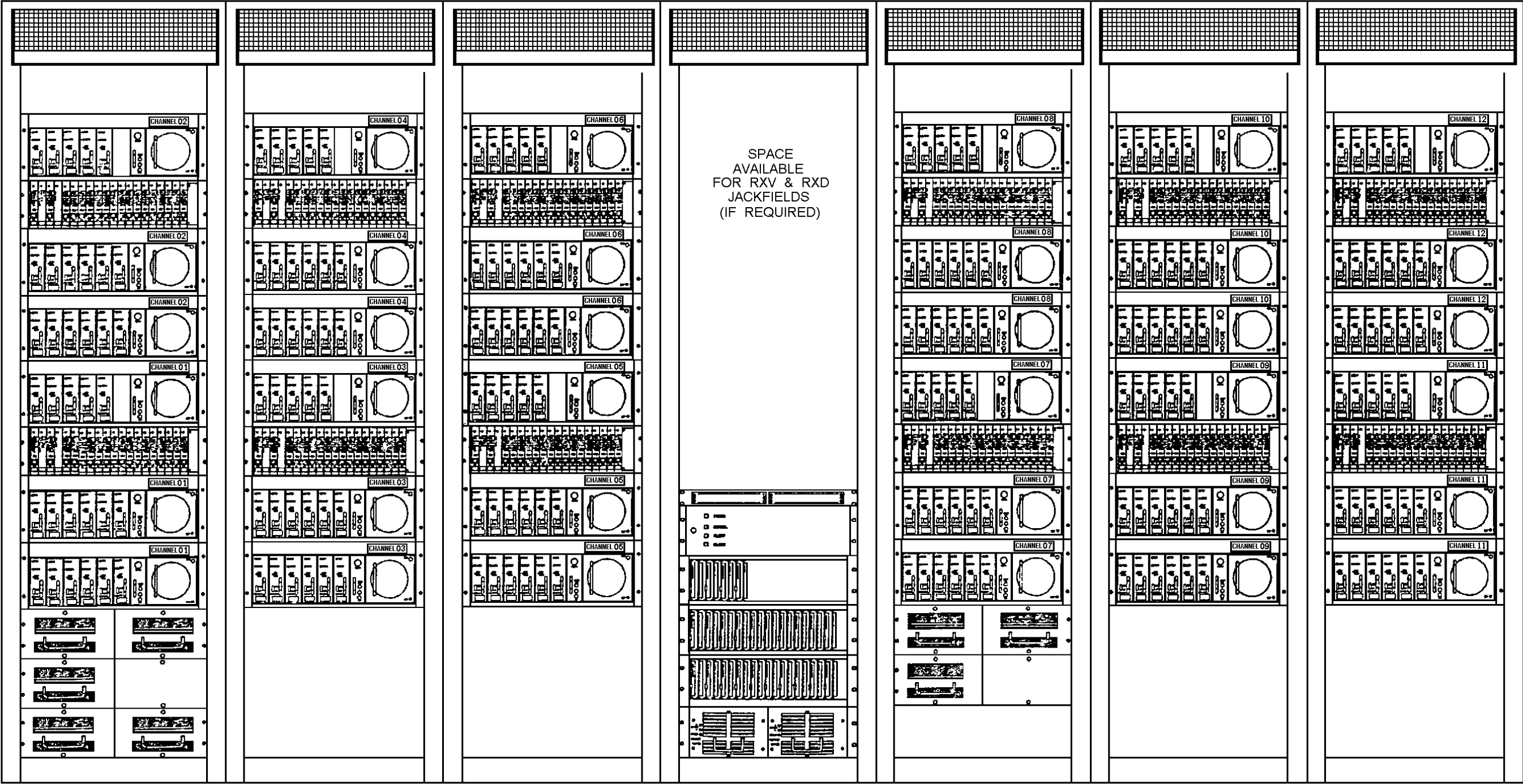
COMMON
EQUIPMENT

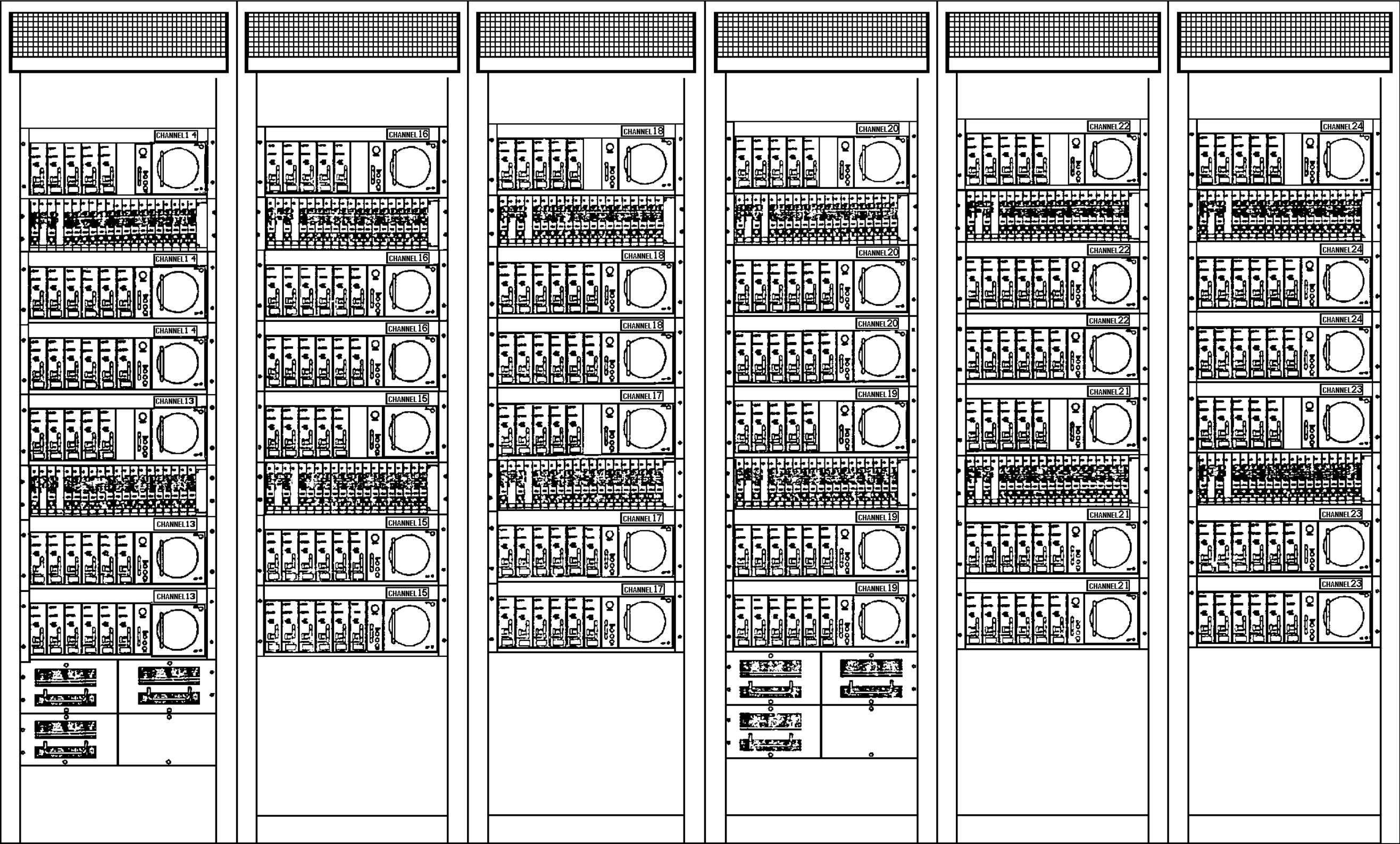
TX CONTROL
TEST

AUDIO DIST.
MUX (S01 - 06)

AUDIO DIST.
MUX (S07 -- 012)

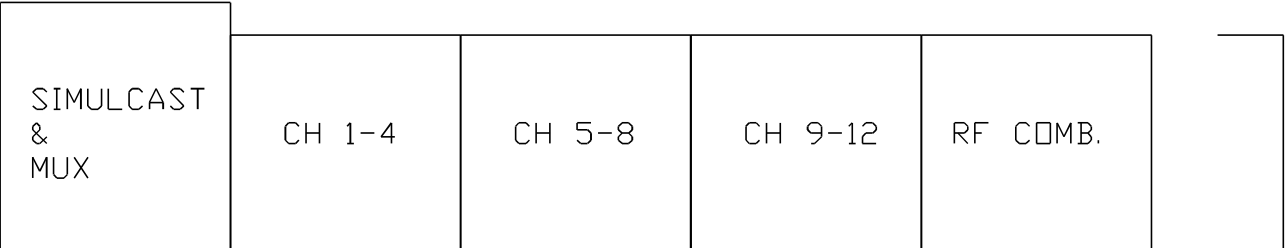
AUDIO DIST.
MUX (S13 -- 017)





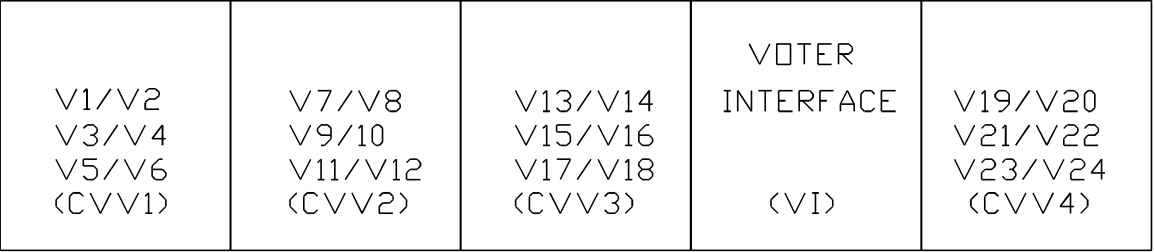
17 Site 24 Channel

(19C852717, Sheet 7, Rev. 0)

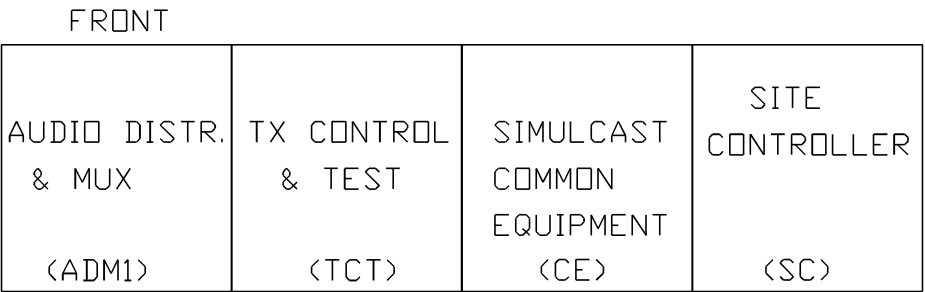


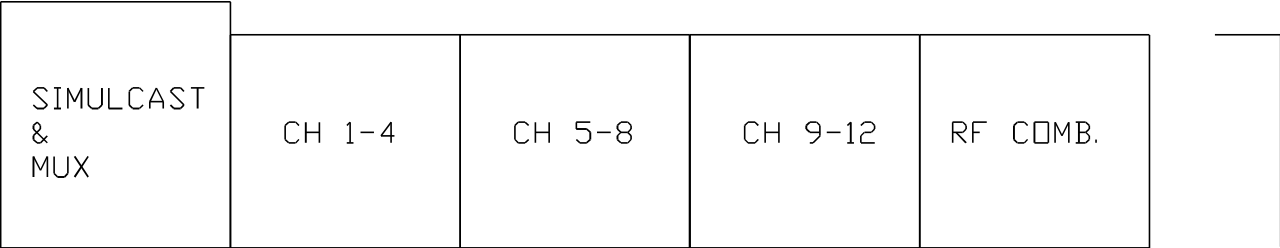
FRONT

COLLOCATED
TRANSMIT SITE



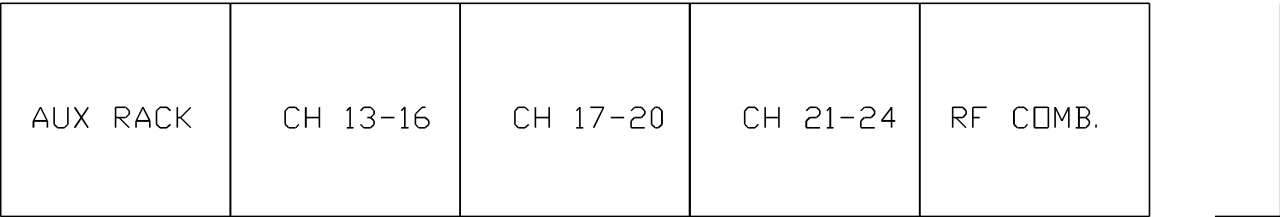
FRONT



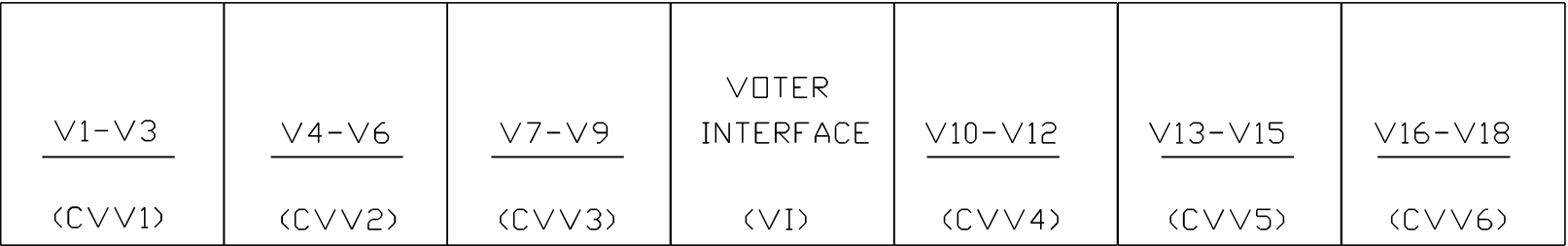


FRONT

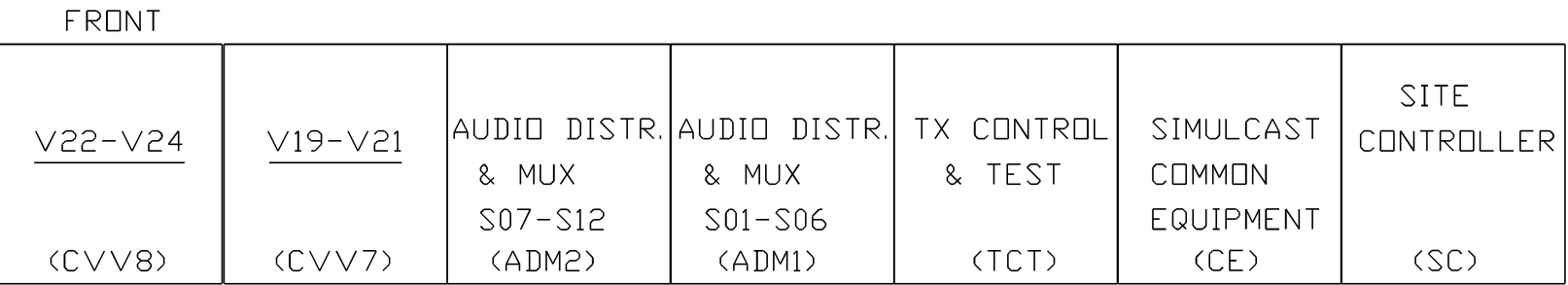
COLLOCATED
TRANSMIT SITE



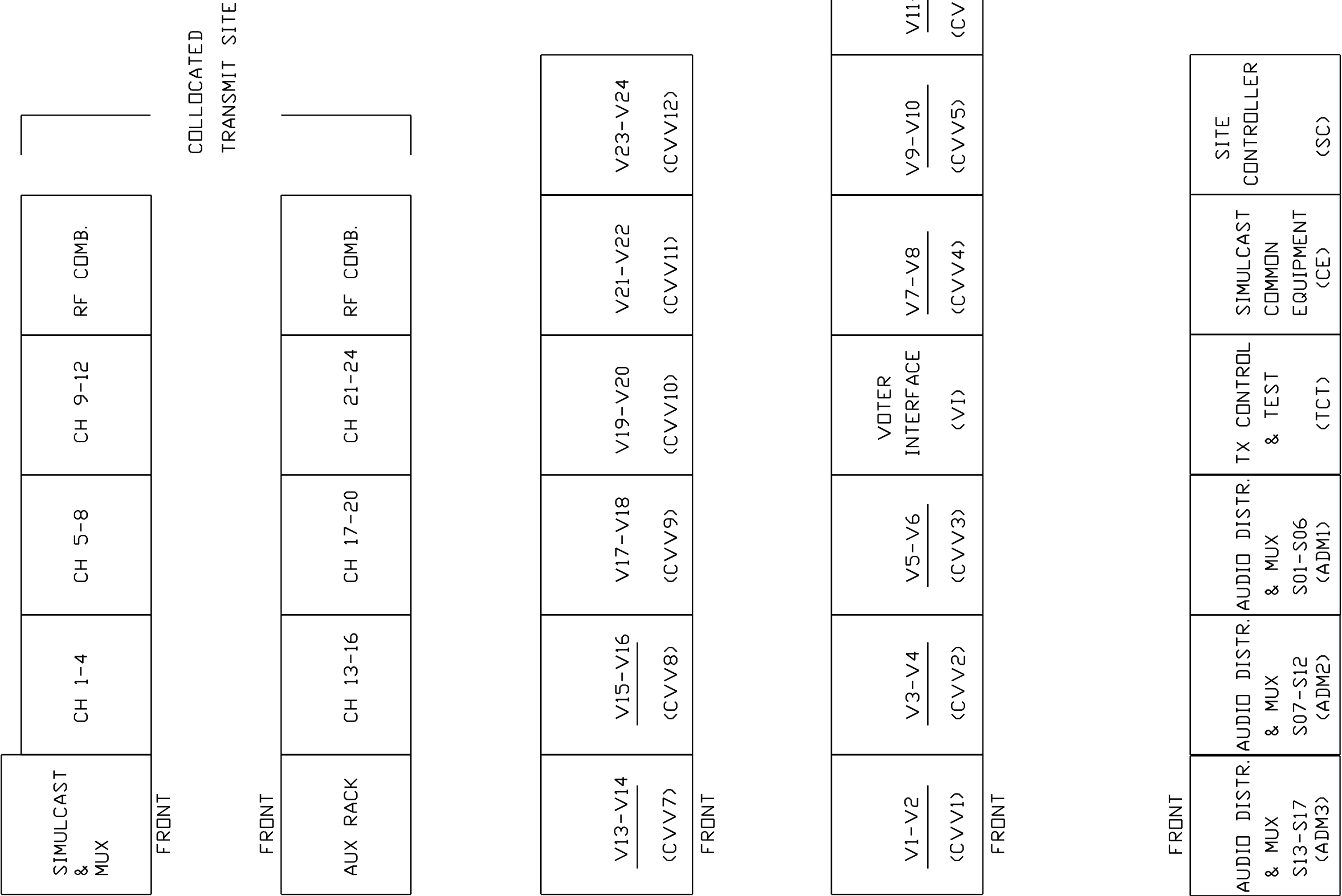
FRONT

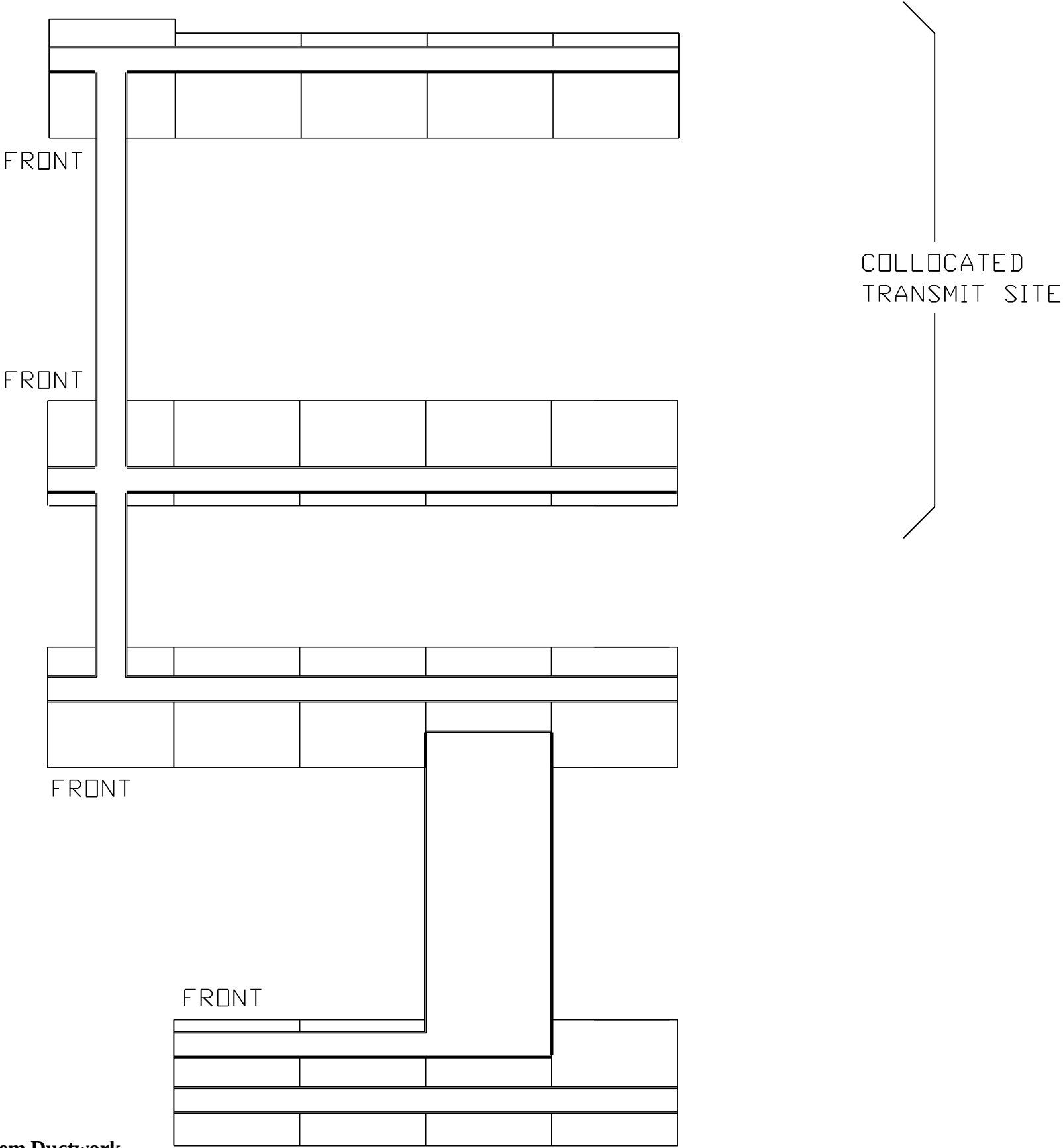


FRONT



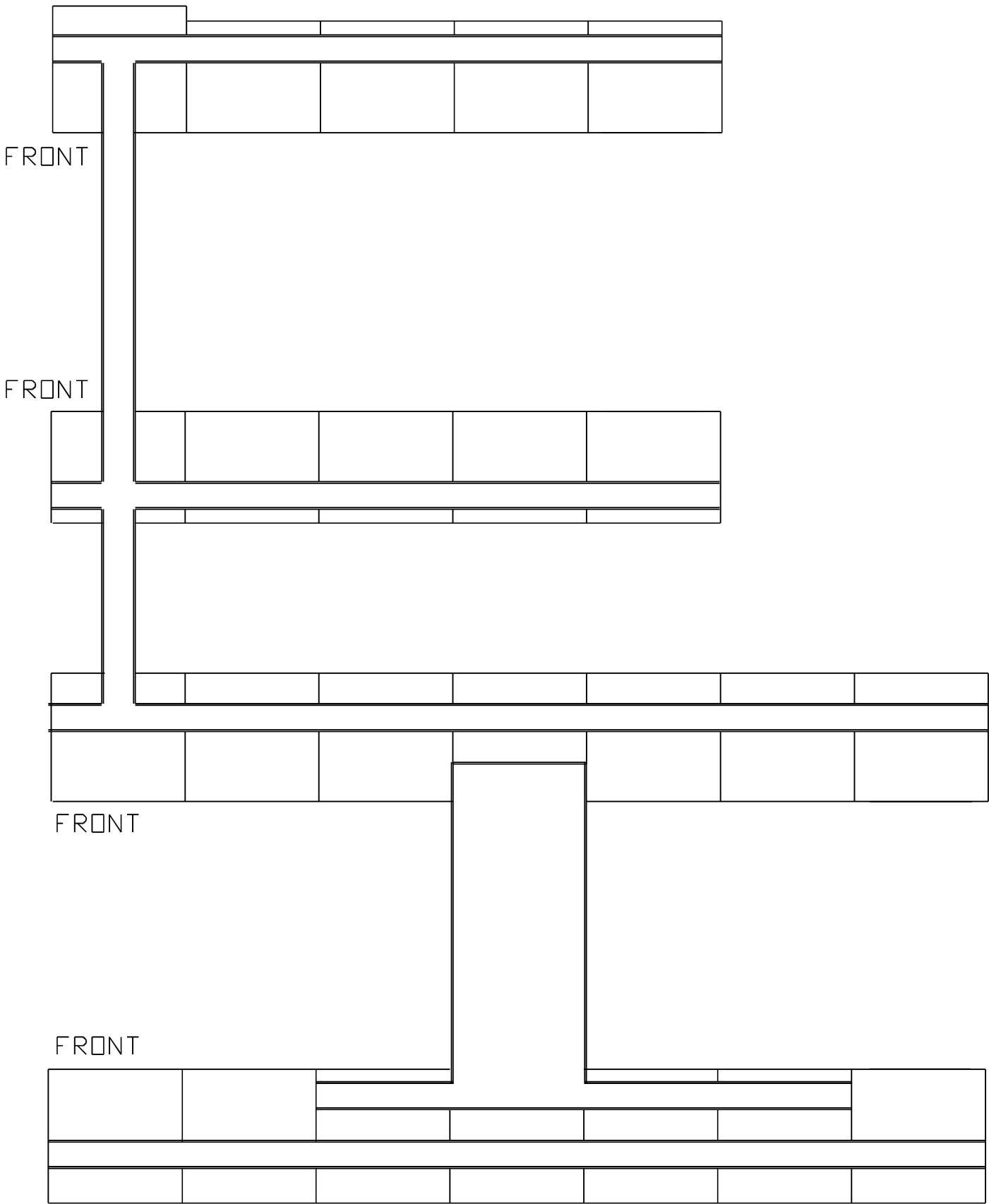
FRONT





NOTES:

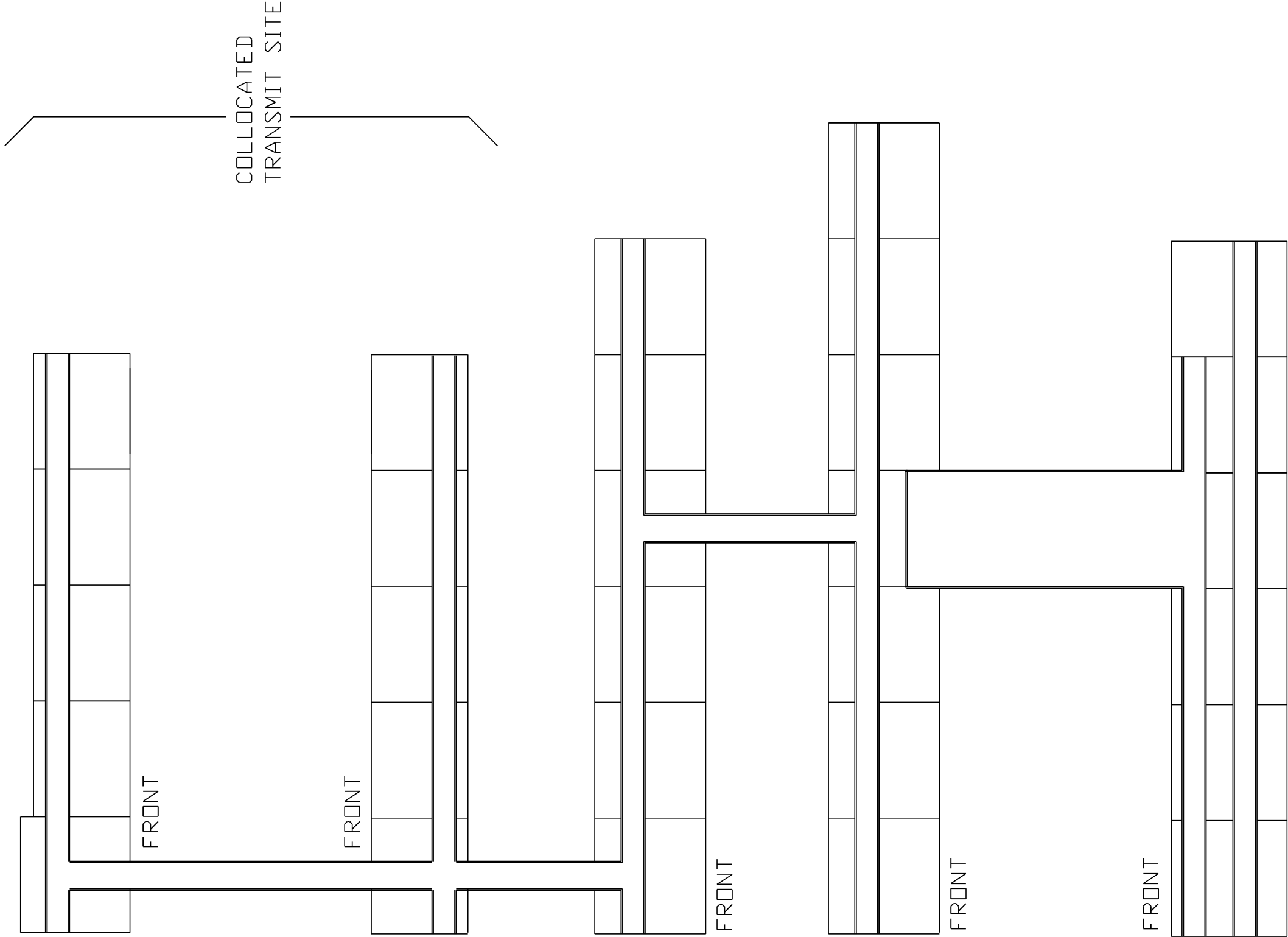
- 1. SEE LBI-38875 FOR DUCTWORK ASSEMBLY DETAILS.



COLLOCATED
TRANSMIT SITE

NOTES:

- 1. SEE LBI-38875 FOR DUCTWORK
ASSEMBLY DETAILS.



- NOTES:
- 1. SEE LBI-38875 FOR DUCTWORK ASSEMBLY DETAILS.

GPS SIMULCAST CONTROL POINT INTERRACK CABLES

	FROM					TO				
Config	Rack {2}	Panel	Module	Jack		Rack {2}	Panel	Module	Jack	Cable {1}
Basic	CE	D504		J18		SC	1	6	J14	19D903880P162
	CE	P01		J1		SC	1	4	J14	19D903880P122
	CE	P01		J2		SC	1	4	J14	19D903880P122
	CE	P01		J8		TCT	B411		J17	19D903880P123
	CE	P01		J9		TCT	B410		J17	19D903880P123
	CE	P01		J10		ADM1	B402	M4	J7	19D903880P121
	CE	P01		J11		ADM1	B402	M2	J7	19D903880P121
	CE	P01		J12		ADM1	B402	M3	J7	19D903880P121
	CE	P01		J13		ADM1	B401		J34	19D903880P121
	CE	D805	M4	1		ADM1	B401		J60	RPM 113 2823/3
	CE	PP1		J7		ADM1 ADM2	A401 A401		P01 P01	RPM 113 2825/1
	TCT	B410		J11		ADM1	B402	M1	J7	19D903880P121
Site 1	TCT	B411		J11		ADM1	B403		J1	19D903880P121
	CE	D803		1		ADM1	TRI1	S1	IN	RPM 113 2826/2
	CE	D805	M4	4		ADM1	TRI1	S5	CH1 CH2	RPM 113 2823/8
Site 2	TCT	B411		J12		ADM1	B403		J4	19D903880P121
	CE	D803		2		ADM1	TRI2	S1	IN	RPM 113 2826/2
	CE	D805	M4	5		ADM1	TRI2	S5	CH1 CH2	RPM 113 2823/8
Site 3	TCT	B411		J13		ADM1	B403		J7	19D903880P121
	CE	D803		3		ADM1	TRI3	S1	IN	RPM 113 2826/2
	CE	D805	M4	6		ADM1	TRI3	S5	CH1 CH2	RPM 113 2823/8
Site 4	TCT	B411		J14		ADM1	B403		J10	19D903880P121
	CE	D803		4		ADM1	TRI4	S1	IN	RPM 113 2826/1
	CE	D805	M4	7		ADM1	TRI4	S5	CH1 CH2	RPM 113 2823/7
Site 5	TCT	B411		J15		ADM1	B403		J13	19D903880P121
	CE	D803		5		ADM1	TRI5	S1	IN	RPM 113 2826/1
	CE	D805	M4	8		ADM1	TRI5	S5	CH1 CH2	RPM 113 2823/7
Site 6	TCT	B411		J16		ADM1	B403		J16	19D903880P121
	CE	D803		6		ADM1	TRI6	S1	IN	RPM 113 2826/1
	CE	D805	M4	9		ADM1	TRI6	S5	CH1 CH2	RPM 113 2823/7

Notes:

- 1) This list of specific cables is only applicable for equipment mounted in 83” cabinets, arranged per floor plan drawing 19C852715, Sheets 1, 2 & 3 equipped with ductwork per 19C852715 Sheest 4, 5 & 6.
- 2) See floor plan drawing 19C852715, Sheets 1, 2 & 3 for explanation of rack acronyms.

	FROM					TO				
Config	Rack	Panel	Module	Jack		Rack	Panel	Module	Jack	Cable
Site 7-12	TCT	B410		J12		ADM2	B402	M1	J7	19D903880P121
	ADM1	B402	M2	J8		ADM2	B402	M2	J7	19D903880P123
	ADM1	B402	M3	J8		ADM2	B402	M3	J7	19D903880P123
	ADM1	B402	M4	J8		ADM2	B402	M4	J7	19D903880P123
	ADM1	B401		J33		ADM2	B401		J34	19D903880P123
	ADM1	B401		J67		ADM2	B401		J60	19D903880P162
Site 7	TCT	B412		J11		ADM2	B403		J1	19D903880P121
	CE	D803		7		ADM2	TRI1	S1	IN	RPM 113 2826/4
	CE	D805	M4	10		ADM2	TRI1	S5	CH1 CH2	RPM 113 2823/9
Site 8	TCT	B412		J12		ADM2	B403		J4	19D903880P121
	CE	D803		8		ADM2	TRI2	S1	IN	RPM 113 2826/4
	CE	D805	M4	11		ADM2	TRI2	S5	CH1 CH2	RPM 113 2823/9
Site 9	TCT	B412		J13		ADM2	B403		J7	19D903880P121
	CE	D803		9		ADM2	TRI3	S1	IN	RPM 113 2826/4
	CE	D805	M4	12		ADM2	TRI3	S5	CH1 CH2	RPM 113 2823/9
Site 10	TCT	B412		J14		ADM2	B403		J10	19D903880P121
	CE	D803		10		ADM2	TRI4	S1	IN	RPM 113 2826/3
	CE	D805	M4	13		ADM2	TRI4	S5	CH1 CH2	RPM 113 2823/8
Site 11	TCT	B412		J15		ADM2	B403		J13	19D903880P121
	CE	D803		11		ADM2	TRI5	S1	IN	RPM 113 2826/3
	CE	D805	M4	14		ADM2	TRI5	S5	CH1 CH2	RPM 113 2823/8
Site 12	TCT	B412		J16		ADM2	B403		J16	19D903880P121
	CE	D803		12		ADM2	TRI6	S1	IN	RPM 113 2826/3
	CE	D805	M4	15		ADM2	TRI6	S5	CH1 CH2	RPM 113 2823/8

	FROM					TO				
Config	Rack	Panel	Module	Jack		Rack	Panel	Module	Jack	Cable
Site 13-18	TCT	B410		J13		ADM3	B402	M1	J7	19D903880P124
	ADM2	B402	M2	J8		ADM3	B402	M2	J7	19D903880P123
	ADM2	B402	M3	J8		ADM3	B402	M3	J7	19D903880P123
	ADM2	B402	M4	J8		ADM3	B402	M4	J7	19D903880P123
	ADM2	B401		J33		ADM3	B401		J34	19D903880P123
	ADM2	B401		J67		ADM3	B401		J60	19D903880P162
	CE	PP1		J8		ADM3 ADM4	A401 A401		P01 P01	RPM 113 2825/2
Site 13	TCT	B413		J11		ADM3	B403		J1	19D903880P124
	ADM1	TRI1	S1	OUT		ADM3	TRI1	S1	IN	RPM 113 2827/2
	CE	D805	M5	0		ADM3	TRI1	S5	CH1 CH2	RPM 113 2823/10
Site 14	TCT	B413		J12		ADM3	B403		J4	19D903880P121
	ADM1	TRI2	S1	OUT		ADM3	TRI2	S1	IN	RPM 113 2827/2
	CE	D805	M5	1		ADM3	TRI2	S5	CH1 CH2	RPM 113 2823/10
Site 15	TCT	B413		J13		ADM3	B403		J7	19D903880P121
	ADM1	TRI3	S1	OUT		ADM3	TRI3	S1	IN	RPM 113 2827/2
	CE	D805	M5	2		ADM3	TRI3	S5	CH1 CH2	RPM 113 2823/10
Site 16	TCT	B413		J14		ADM3	B403		J10	19D903880P124
	ADM1	TRI4	S1	OUT		ADM3	TRI4	S1	IN	RPM 113 2827/1
	CE	D805	M5	3		ADM3	TRI4	S5	CH1 CH2	RPM 113 2823/9
Site 17	TCT	B412		J15		ADM3	B403		J13	19D903880P124
	ADM1	TRI5	S1	OUT		ADM3	TRI5	S1	IN	RPM 113 2827/1
	CE	D805	M5	4		ADM3	TRI5	S5	CH1 CH2	RPM 113 2823/9
Site 18	TCT	B412		J16		ADM3	B403		J16	19D903880P124
	ADM1	TRI6	S1	OUT		ADM3	TRI6	S1	IN	RPM 113 2827/1
	CE	D805	M5	5		ADM3	TRI6	S5	CH1 CH2	RPM 113 2823/9

	FROM					TO				
Config	Rack	Panel	Module	Jack		Rack	Panel	Module	Jack	Cable
Site 19 - 24	ADM3	B402		J8		ADM4	B402	M1	J7	19D903880P123
	ADM3	B402	M2	J8		ADM4	B402	M2	J7	19D903880P123
	ADM3	B402	M3	J8		ADM4	B402	M3	J7	19D903880P123
	ADM3	B402	M4	J8		ADM4	B402	M4	J7	19D903880P123
	ADM3	B401		J33		ADM4	B401		J34	19D903880P123
	ADM3	B401		J67		ADM4	B401		J60	19D903880P162
	ADM3	B401		J67		ADM4	B401		J60	19D903880P162
Site 19	TCT	B414		J11		ADM4	B403		J1	19D903880P124
	ADM2	TRI1	S1	OUT		ADM4	TRI1	S1	IN	RPM 113 2827/2
	CE	D805	M5	6		ADM4	TRI1	S5	CH1 CH2	RPM 113 2823/11
Site 20	TCT	B412		J12		ADM4	B403		J4	19D903880P124
	ADM2	TRI2	S1	OUT		ADM4	TRI2	S1	IN	RPM 113 2827/2
	CE	D805	M5	7		ADM4	TRI2	S5	CH1 CH2	RPM 113 2823/11
Site 21	TCT	B414		J13		ADM4	B403		J7	19D903880P124
	ADM2	TRI3	S1	OUT		ADM4	TRI3	S1	IN	RPM 113 2827/2
	CE	D805	M5	8		ADM4	TRI3	S5	CH1 CH2	RPM 113 2823/11
Site 22	TCT	B414		J14		ADM4	B403		J10	19D903880P124
	ADM2	TRI4	S1	OUT		ADM4	TRI4	S1	IN	RPM 113 2827/1
	CE	D805	M5	9		ADM4	TRI4	S5	CH1 CH2	RPM 113 2823/10
Site 23	TCT	B414		J15		ADM4	B403		J13	19D903880P121
	ADM2	D803	S1	OUT		ADM4	TRI5	S1	IN	RPM 113 2827/1
	CE	D805	M5	10		ADM4	TRI5	S5	CH1 CH2	RPM 113 2823/10
Site 24	TCT	B414		J16		ADM4	B403		J16	19D903880P121
	ADM2	D803	S1	OUT		ADM4	TRI6	S1	IN	RPM 113 2827/1
	CE	D805	M5	11		ADM4	TRI6	S5	CH1 CH2	RPM 113 2823/10

The following connections are for a one channel voter interface. If the total number of TX sites and AUX Receive sites are greater than 6, the voter configuration will be one channel. Note that the channel connection referenced may be in different Voter cabinet positions depending whether the Compact Vertical Voter (CVV) configuration is 83” cabinet or 86” open rack.

6 Site Voter Interface Cables

	FROM					TO				
Config	Rack	Panel	Module	Jack		Rack	Panel	Module	Jack	Cable
Basic	VI	B424		J19A		CE	P01		J6	19D903880P121
	VI	B424		J21A		CE	P01		J7	19D903880P121
	VI	B424		J22D		CE	P01		J5	19D903880P121
	VI	B424		J23D		CE	P01		J4	19D903880P121
	VI	B424		J19D		CE	P01		J3	19D903880P124
Dig Disp	VI	B423	M3	J1						
S1	VI	B424		J1A		ADM1	B403		J3	19D903880P124
	VI	B424		J1D		ADM1	B403		J2	19D903880P124
S2	VI	B424		J2A		ADM1	B403		J6	19D903880P124
	VI	B424		J2D		ADM1	B403		J5	19D903880P124
S3	VI	B424		J3A		ADM1	B403		J9	19D903880P124
	VI	B424		J3D		ADM1	B403		J8	19D903880P124
S4	VI	B424		J4A		ADM1	B403		J12	19D903880P124
	VI	B424		J4D		ADM1	B403		J11	19D903880P124
S5	VI	B424		J5A		ADM1	B403		J15	19D903880P124
	VI	B424		J5D		ADM1	B403		J14	19D903880P124
S6	VI	B424		J6A		ADM1	B403		J18	19D903880P124
	VI	B424		J6D		ADM1	B403		J17	19D903880P124
CH 01/02	VI	B424		J7A		CVV1	#1	Audio	J14	19D903880P124
	VI	B424		J7D		CVV1	#1	DD	J14	19D903880P124
CH 03/04	VI	B424		J8A		CVV1	#2	Audio	J14	19D903880P121
	VI	B424		J8D		CVV1	#2	DD	J14	19D903880P121
CH 05/06	VI	B424		J9A		CVV1	#3	Audio	J14	19D903880P121
	VI	B424		J9D		CVV1	#3	DD	J14	19D903880P121
CH 07/08	VI	B424		J10A		CVV2	#1	Audio	J14	19D903880P121
	VI	B424		J10D		CVV2	#1	DD	J14	19D903880P121
CH 09/10	VI	B424		J11A		CVV2	#2	Audio	J14	19D903880P121
	VI	B424		J11D		CVV2	#2	DD	J14	19D903880P121
CH 11/12	VI	B424		J12A		CVV2	#3	Audio	J14	19D903880P123
	VI	B424		J12D		CVV2	#3	DD	J14	19D903880P123
CH 13/14	VI	B424		J13A		CVV3	#1	Audio	J14	19D903880P121
	VI	B424		J13D		CVV3	#1	DD	J14	19D903880P121
CH 15/16	VI	B424		J14A		CVV3	#2	Audio	J14	19D903880P123
	VI	B424		J14D		CVV3	#2	DD	J14	19D903880P123
CH 17/18	VI	B424		J15A		CVV3	#3	Audio	J14	19D903880P123
	VI	B424		J15D		CVV3	#3	DD	J14	19D903880P123
CH 19/20	VI	B424		J16A		CVV4	#1	Audio	J14	19D903880P121
	VI	B424		J16D		CVV4	#1	DD	J14	19D903880P121
CH 21/22	VI	B424		J17A		CVV4	#2	Audio	J14	19D903880P123
	VI	B424		J17D		CVV4	#2	DD	J14	19D903880P123
CH 23/24	VI	B424		J18A		CVV4	#3	Audio	J14	19D903880P123
	VI	B424		J18D		CVV4	#3	DD	J14	19D903880P123

The following connections are for a one channel voter interface. If the total number of TX sites and AUX Receive sites are greater than 6, the voter configuration will be one channel. Note that the channel connection referenced may be in different Voter cabinet positions depending whether the Compact Vertical Voter (CVV) configuration is 83” cabinet or 86” open rack.

12 Site Voter Interface Cables

	FROM					TO				
Config	Rack	Panel	Module	Jack		Rack	Panel	Module	Jack	Cable
Basic	VI	B422		J61		CE	P01		J6	19D903880P121
	VI	B422		J63		CE	P01		J7	19D903880P121
	VI	B421		J64		CE	P01		J5	19D903880P121
	VI	B421		J65		CE	P01		J4	19D903880P121
	VI	B421		J61		CE	P01		J3	19D903880P124
Dig Disp	VI	B423	M3	J1						
S1	VI	B422		J1		ADM1	B403		J3	19D903880P124
	VI	B421		J1		ADM1	B403		J2	19D903880P124
S2	VI	B422		J2		ADM1	B403		J6	19D903880P124
	VI	B421		J2		ADM1	B403		J5	19D903880P124
S3	VI	B422		J3		ADM1	B403		J9	19D903880P124
	VI	B421		J3		ADM1	B403		J8	19D903880P124
S4	VI	B422		J4		ADM1	B403		J12	19D903880P124
	VI	B421		J4		ADM1	B403		J11	19D903880P124
S5	VI	B422		J5		ADM1	B403		J15	19D903880P124
	VI	B421		J5		ADM1	B403		J14	19D903880P124
S6	VI	B422		J6		ADM1	B403		J18	19D903880P124
	VI	B421		J6		ADM1	B403		J17	19D903880P124
S7	VI	B422		J7		ADM2	B403		J3	19D903880P125
	VI	B421		J7		ADM2	B403		J2	19D903880P125
S8	VI	B422		J8		ADM2	B403		J6	19D903880P125
	VI	B421		J8		ADM2	B403		J5	19D903880P125
S9	VI	B422		J9		ADM2	B403		J 9	19D903880P125
	VI	B421		J9		ADM2	B403		J8	19D903880P125
S10	VI	B422		J10		ADM2	B403		J12	19D903880P125
	VI	B421		J10		ADM2	B403		J11	19D903880P125
S11	VI	B422		J11		ADM2	B403		J1 5	19D903880P125
	VI	B421		J11		ADM2	B403		J14	19D903880P125
S12	VI	B422		J12		ADM2	B403		J1 8	19D903880P125
	VI	B421		J12		ADM2	B403		J17	19D903880P125

	FROM					TO				
Config	Rack	Panel	Module	Jack		Rack	Panel	Module	Jack	Cable
CH01	VI	B422		J25		CVV1	#1	Audio	J14	19D903880P124
	VI	B421		J25		CVV1	#1	EE	J14	19D903880P124
CH02	VI	B422		J26		CVV1	#2	Audio	J14	19D903880P121
	VI	B421		J26		CVV1	#2	EE	J14	19D903880P121
CH03	VI	B422		J27		CVV1	#3	Audio	J14	19D903880P121
	VI	B421		J27		CVV1	#3	EE	J14	19D903880P121
CH04	VI	B422		J28		CVV2	#1	Audio	J14	19D903880P121
	VI	B421		J28		CVV2	#1	EE	J14	19D903880P121
CH05	VI	B422		J29		CVV2	#2	Audio	J14	19D903880P121
	VI	B421		J29		CVV2	#2	EE	J14	19D903880P121
CH06	VI	B422		J30		CVV2	#3	Audio	J14	19D903880P123
	VI	B421		J30		CVV2	#3	EE	J14	19D903880P123
CH07	VI	B422		J31		CVV3	#1	Audio	J14	19D903880P121
	VI	B421		J31		CVV3	#1	EE	J14	19D903880P121
CH08	VI	B422		J32		CVV3	#2	Audio	J14	19D903880P123
	VI	B421		J32		CVV3	#2	EE	J14	19D903880P123
CH09	VI	B422		J33		CVV3	#3	Audio	J14	19D903880P123
	VI	B421		J33		CVV3	#3	EE	J14	19D903880P123
CH10	VI	B422		J34		CVV4	#1	Audio	J14	19D903880P121
	VI	B421		J34		CVV4	#1	EE	J14	19D903880P121
CH11	VI	B422		J35		CVV4	#2	Audio	J14	19D903880P123
	VI	B421		J35		CVV4	#2	EE	J14	19D903880P123
CH12	VI	B422		J36		CVV4	#3	Audio	J14	19D903880P123
	VI	B421		J36		CVV4	#3	EE	J14	19D903880P123
CH13	VI	B422		J37		CVV5	#1	Audio	J14	19D903880P121
	VI	B421		J37		CVV5	#1	EE	J14	19D903880P121
CH14	VI	B422		J38		CVV5	#2	Audio	J14	19D903880P121
	VI	B421		J38		CVV5	#2	EE	J14	19D903880P121
CH15	VI	B422		J39		CVV5	#3	Audio	J14	19D903880P123
	VI	B421		J39		CVV5	#3	EE	J14	19D903880P123
CH16	VI	B422		J40		CVV6	#1	Audio	J14	19D903880P124
	VI	B421		J40		CVV6	#1	EE	J14	19D903880P124
CH17	VI	B422		J41		CVV6	#2	Audio	J14	19D903880P121
	VI	B421		J41		CVV6	#2	EE	J14	19D903880P121
CH18	VI	B422		J42		CVV6	#3	Audio	J14	19D903880P121
	VI	B421		J42		CVV6	#3	EE	J14	19D903880P121
CH19	VI	B422		J43		CVV7	#1	Audio	J14	19D903880P125
	VI	B421		J43		CVV7	#1	EE	J14	19D903880P125
	CVV3	PDP	24V	J7		CVV7	PDP	24V	J7	19B804346P176
CH20	VI	B422		J44		CVV7	#2	Audio	J14	19D903880P125
	VI	B421		J44		CVV7	#2	EE	J14	19D903880P125
CH21	VI	B422		J45		CVV7	#3	Audio	J14	19D903880P124
	VI	B421		J45		CVV7	#3	EE	J14	19D903880P124
CH22	VI	B422		J46		CVV8	#1	Audio	J14	19D903880P126
	VI	B421		J46		CVV8	#1	EE	J14	19D903880P126
CH23	VI	B422		J47		CVV8	#2	Audio	J14	19D903880P125
	VI	B421		J47		CVV8	#2	EE	J14	19D903880P125
CH24	VI	B422		J48		CVV8	#3	Audio	J14	19D903880P125
	VI	B421		J48		CVV8	#3	EE	J14	19D903880P125

The following connections are for a one channel voter interface. If the total number of TX sites and AUX Receive sites are greater than 6, the voter configuration will be one channel. Note that the channel connection referenced may be in different Voter cabinet positions depending whether the Compact Vertical Voter (CVV) configuration is 83” cabinet or 86” open rack.

17 Site Voter Interface Cables

	FROM					TO				
Config	Rack	Panel	Module	Jack		Rack	Panel	Module	Jack	Cable
Basic	VI	B422		J61		CE	P01		J6	19D903880P121
	VI	B422		J63		CE	P01		J7	19D903880P121
	VI	B421		J64		CE	P01		J5	19D903880P121
	VI	B421		J65		CE	P01		J4	19D903880P121
	VI	B421		J61		CE	P01		J3	19D903880P124
Dig Disp	VI	B423	M3	J1						
S1	VI	B422		J1		ADM1	B403		J3	19D903880P124
	VI	B421		J1		ADM1	B403		J2	19D903880P124
S2	VI	B422		J2		ADM1	B403		J6	19D903880P124
	VI	B421		J2		ADM1	B403		J5	19D903880P124
S3	VI	B422		J3		ADM1	B403		J9	19D903880P124
	VI	B421		J3		ADM1	B403		J8	19D903880P124
S4	VI	B422		J4		ADM1	B403		J12	19D903880P124
	VI	B421		J4		ADM1	B403		J11	19D903880P124
S5	VI	B422		J5		ADM1	B403		J15	19D903880P124
	VI	B421		J5		ADM1	B403		J14	19D903880P124
S6	VI	B422		J6		ADM1	B403		J18	19D903880P124
	VI	B421		J6		ADM1	B403		J17	19D903880P124
S7	VI	B422		J7		ADM2	B403		J3	19D903880P125
	VI	B421		J7		ADM2	B403		J2	19D903880P125
S8	VI	B422		J8		ADM2	B403		J6	19D903880P125
	VI	B421		J8		ADM2	B403		J5	19D903880P125
S9	VI	B422		J9		ADM2	B403		J9	19D903880P125
	VI	B421		J9		ADM2	B403		J8	19D903880P125
S10	VI	B422		J10		ADM2	B403		J12	19D903880P125
	VI	B421		J10		ADM2	B403		J11	19D903880P125
S11	VI	B422		J11		ADM2	B403		J15	19D903880P125
	VI	B421		J11		ADM2	B403		J14	19D903880P125
S12	VI	B422		J12		ADM2	B403		J18	19D903880P125
	VI	B421		J12		ADM2	B403		J17	19D903880P125
S13	VI	B422		J13		ADM3	B403		J3	19D903880P125
	VI	B421		J13		ADM3	B403		J2	19D903880P125
S14	VI	B424		J2A		ADM1	B403		J6	19D903880P125
	VI	B424		J2D		ADM1	B403		J5	19D903880P125
S15	VI	B424		J3A		ADM1	B403		J9	19D903880P125
	VI	B424		J3D		ADM1	B403		J8	19D903880P125
S16	VI	B424		J4A		ADM1	B403		J12	19D903880P125
	VI	B424		J4D		ADM1	B403		J11	19D903880P125
S17	VI	B424		J5A		ADM1	B403		J15	19D903880P125
	VI	B424		J5D		ADM1	B403		J14	19D903880P125
S18	VI	B424		J6A		ADM1	B403		J18	19D903880P125
	VI	B424		J6D		ADM1	B403		J17	19D903880P125

	FROM					TO				
Config	Rack	Panel	Module	Jack		Rack	Panel	Module	Jack	Cable
CH01	VI	B422		J25		CVV1	#1	Audio	J14	19D903880P124
	VI	B421		J25		CVV1	#1	EE	J14	19D903880P124
CH02	VI	B422		J26		CVV1	#2	Audio	J14	19D903880P121
	VI	B421		J26		CVV1	#2	EE	J14	19D903880P121
CH03	VI	B422		J27		CVV2	#1	Audio	J14	19D903880P121
	VI	B421		J27		CVV2	#1	EE	J14	19D903880P121
CH04	VI	B422		J28		CVV2	#2	Audio	J14	19D903880P123
	VI	B421		J28		CVV2	#2	EE	J14	19D903880P123
CH05	VI	B422		J29		CVV3	#1	Audio	J14	19D903880P121
	VI	B421		J29		CVV3	#1	EE	J14	19D903880P121
CH06	VI	B422		J30		CVV3	#2	Audio	J14	19D903880P123
	VI	B421		J30		CVV3	#2	EE	J14	19D903880P123
CH07	VI	B422		J31		CVV4	#1	Audio	J14	19D903880P121
	VI	B421		J31		CVV4	#1	EE	J14	19D903880P121
CH08	VI	B422		J32		CVV4	#2	Audio	J14	19D903880P123
	VI	B421		J32		CVV4	#2	EE	J14	19D903880P123
CH09	VI	B422		J33		CVV5	#1	Audio	J14	19D903880P121
	VI	B421		J33		CVV5	#1	EE	J14	19D903880P121
CH10	VI	B422		J34		CVV5	#2	Audio	J14	19D903880P123
	VI	B421		J34		CVV5	#2	EE	J14	19D903880P123
CH11	VI	B422		J35		CVV6	#1	Audio	J14	19D903880P124
	VI	B421		J35		CVV6	#1	EE	J14	19D903880P124
CH12	VI	B422		J36		CVV6	#2	Audio	J14	19D903880P121
	VI	B421		J36		CVV6	#2	EE	J14	19D903880P121
CH13	VI	B422		J37		CVV7	#1	Audio	J14	19D903880P125
	VI	B421		J37		CVV7	#1	EE	J14	19D903880P125
	CVV3	PDP	24V	J7		CVV7	PDP	24V	J7	19B804346P176
CH14	VI	B422		J38		CVV7	#2	Audio	J14	19D903880P124
	VI	B421		J38		CVV7	#2	EE	J14	19D903880P124
CH15	VI	B422		J39		CVV8	#1	Audio	J14	19D903880P124
	VI	B421		J39		CVV8	#1	EE	J14	19D903880P124
CH16	VI	B422		J40		CVV8	#2	Audio	J14	19D903880P124
	VI	B421		J40		CVV8	#2	EE	J14	19D903880P124
CH17	VI	B422		J41		CVV9	#1	Audio	J14	19D903880P124
	VI	B421		J41		CVV9	#1	EE	J14	19D903880P124
CH18	VI	B422		J42		CVV9	#2	Audio	J14	19D903880P121
	VI	B421		J42		CVV9	#2	EE	J14	19D903880P121
CH19	VI	B422		J43		CVV10	#1	Audio	J14	19D903880P121
	VI	B421		J43		CVV10	#1	EE	J14	19D903880P121
CH20	VI	B422		J44		CVV10	#2	Audio	J14	19D903880P121
	VI	B421		J44		CVV10	#2	EE	J14	19D903880P121
CH21	VI	B422		J45		CVV11	#1	Audio	J14	19D903880P124
	VI	B421		J45		CVV11	#1	EE	J14	19D903880P124
CH22	VI	B422		J46		CVV11	#2	Audio	J14	19D903880P121
	VI	B421		J46		CVV11	#2	EE	J14	19D903880P121
CH23	VI	B422		J47		CVV12	#1	Audio	J14	19D903880P124
	VI	B421		J47		CVV12	#1	EE	J14	19D903880P124
CH24	VI	B422		J48		CVV12	#2	Audio	J14	19D903880P124
	VI	B421		J48		CVV12	#2	EE	J14	19D903880P124