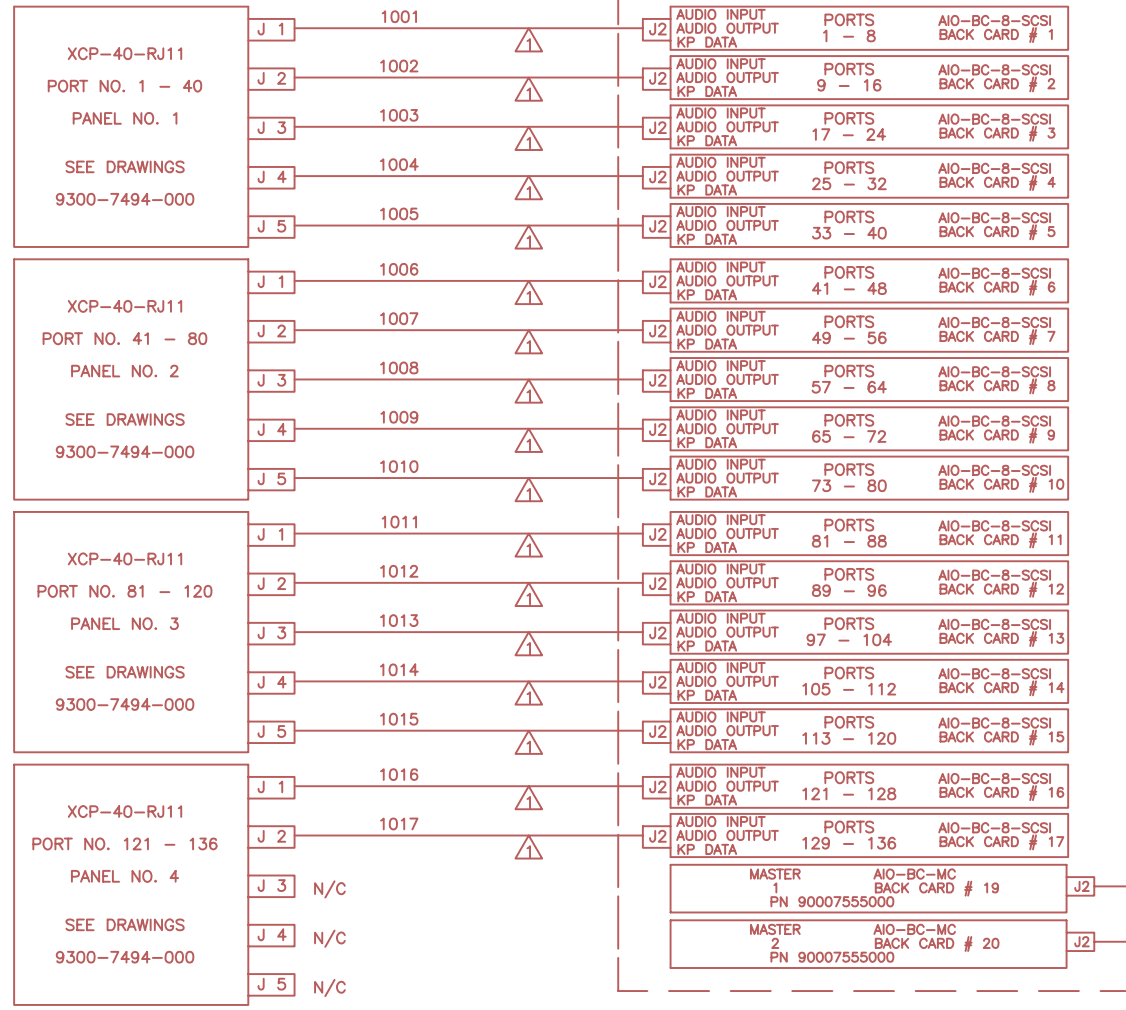
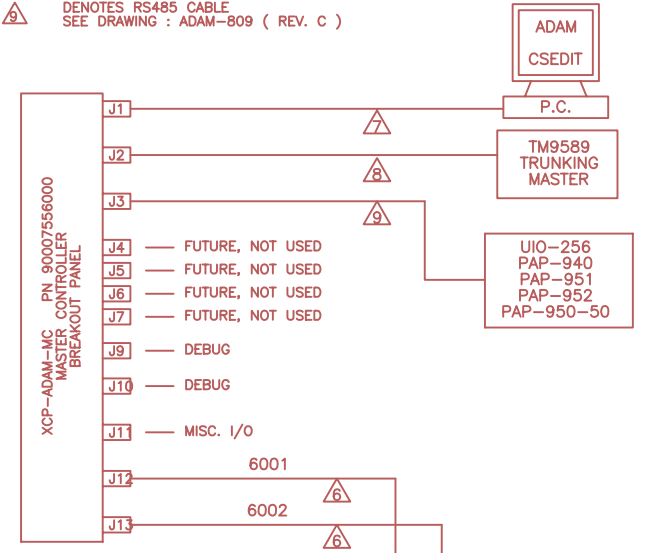


ADAM INTERCOM MATRIX FRAME



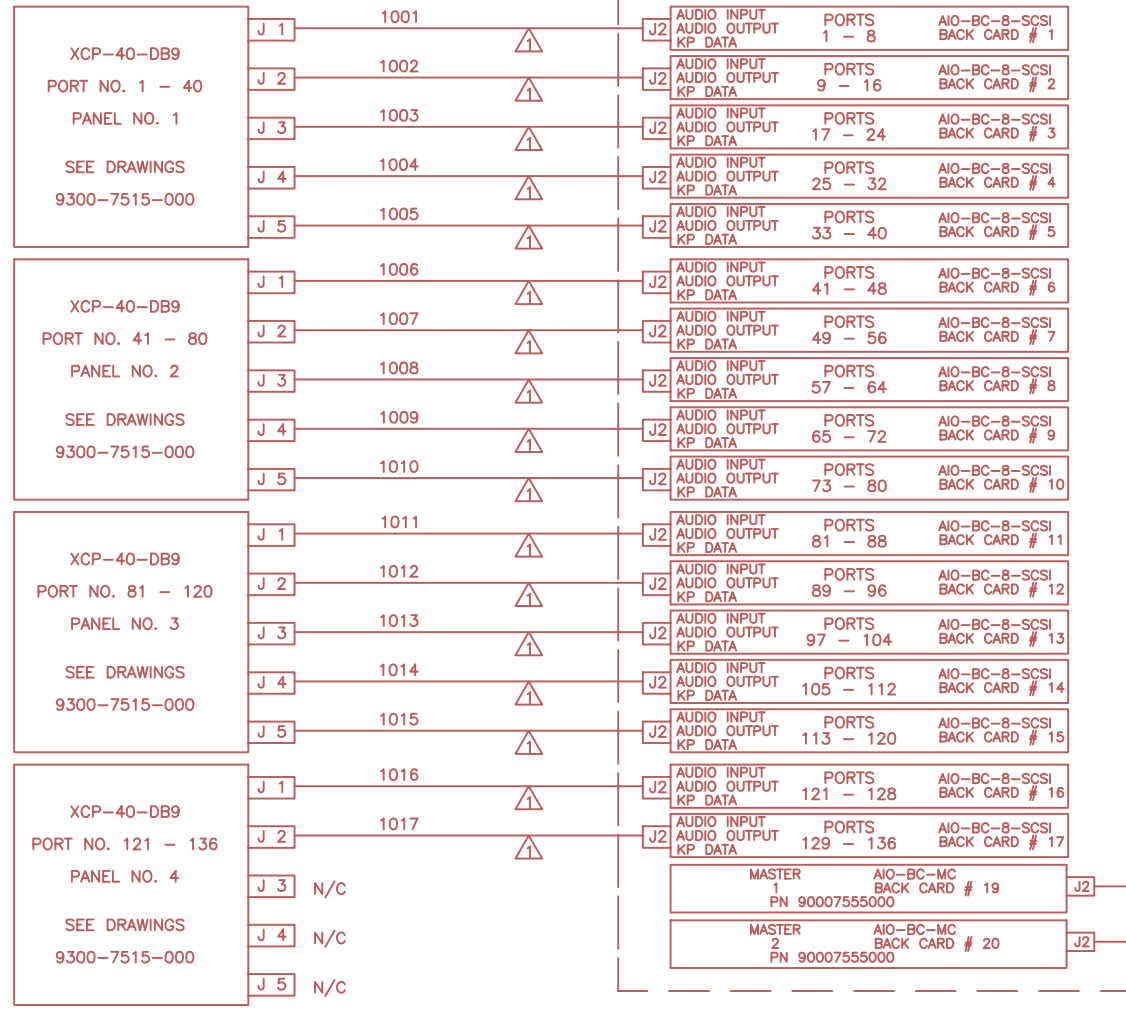
CABLE LEGENDS:

- △ DENOTES 25 PAIRS SCSI-2 CABLE
SEE DRAWING : ADAM-801 (REV. C)
- △ DENOTES 25 PAIRS TELCO CABLE
SEE DRAWING : ADAM-802 (REV. C)
- △ DENOTES RJ45 TO 25 PAIRS TELCO. TRANSLATION CABLE
SEE DRAWING : ADAM-803 (REV. C)
- △ DENOTES RJ11 TO 25 PAIRS TELCO. TRANSLATION CABLE
SEE DRAWING : ADAM-804 (REV. C)
- △ DENOTES DE9P TO 25 PAIRS TELCO. TRANSLATION CABLE
SEE DRAWING : ADAM-805 (REV. C)
- △ DENOTES 68 PINS SCSI-2 CABLE
SEE DRAWING : ADAM-806 (REV. C)
- △ DENOTES RS232C CABLE
SEE DRAWING : ADAM-807 (REV. C)
- △ DENOTES RS485, RS422 CABLE
SEE DRAWING : ADAM-808 (REV. C)
- △ DENOTES RS485 CABLE
SEE DRAWING : ADAM-809 (REV. C)



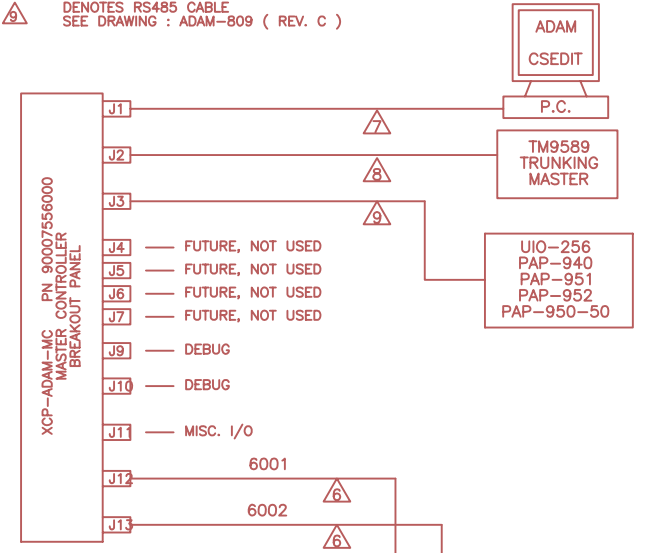
UNLESS OTHERWISE SPECIFIED INCLUDE ALL BOLTS & BRIST SWAMP COVERS REF. 30417-100, R1972 CONNECTIONS ARE 16 SIGNS TO BRANCHES AND PI/16 J. P.000 J. P.000 J00P/010		CONTRACT NO.	RTS SYSTEMS BURBANK, CALIFORNIA, USA		
APPROVALS	DATE	ADAM INTERCOM SYSTEM XCP-40-RJ11 INTERCONNECT DIAGRAM			
DRAWN W. YAU	29 OCT 88				
CHECKED W. YAU	29 OCT 88				
ISSUED					
NEXT ASSY	USED ON	SIZE	FSCM NO.	DWG NO.	REV
				ADAM-101	D
APPLICATION		ADAM-101	SCALE		SHEET

ADAM INTERCOM MATRIX FRAME



CABLE LEGENDS:

- △ DENOTES 25 PAIRS SCSI-2 CABLE
SEE DRAWING : ADAM-801 (REV. C)
- △ DENOTES 25 PAIRS TELCO CABLE
SEE DRAWING : ADAM-803 (REV. C)
- △ DENOTES RJ45 TO 25 PAIRS TELCO, TRANSLATION CABLE
SEE DRAWING : ADAM-803 (REV. C)
- △ DENOTES RJ11 TO 25 PAIRS TELCO, TRANSLATION CABLE
SEE DRAWING : ADAM-804 (REV. C)
- △ DENOTES DE9P TO 25 PAIRS TELCO, TRANSLATION CABLE
SEE DRAWING : ADAM-805 (REV. C)
- △ DENOTES 68 PINS SCSI-2 CABLE
SEE DRAWING : ADAM-806 (REV. C)
- △ DENOTES RS232C CABLE
SEE DRAWING : ADAM-807 (REV. C)
- △ DENOTES RS485, RS422 CABLE
SEE DRAWING : ADAM-808 (REV. C)
- △ DENOTES RS485 CABLE
SEE DRAWING : ADAM-809 (REV. C)



UNLESS OTHERWISE SPECIFIED
 REQUIRE ALL DIMENSIONS IN MILLIMETERS
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 DIMENSIONS ARE IN MILLIMETERS
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES

CONTRACT NO.	
APPROVALS	DATE
DRAWN W. YAU	29 OCT 93
CHECKED W. YAU	29 OCT 93
ISSUED	

RTS SYSTEMS BURBANK, CALIFORNIA, USA

ADAM
INTERCOM SYSTEM
XCP-40-DB9
INTERCONNECT DIAGRAM

NEXT ASSY	USED ON	FINISH			
APPLICATION			ADAM-102	SCALE	

SIZE	FSCM NO.	DWG NO.	REV
D		ADAM-102	C
SHEET			

ADAM MATRIX FRAME

AIO-BC-8-SCSI BACK CARD #1	INPUT 1-8 OUTPUT 1-8 DATA 1-8	J 2	1001	J 1
AIO-BC-8-SCSI BACK CARD #2	INPUT 9-16 OUTPUT 9-16 DATA 9-16	J 2	1002	J 2
AIO-BC-8-SCSI BACK CARD #3	INPUT 17-24 OUTPUT 17-24 DATA 17-24	J 2	1003	J 3
AIO-BC-8-SCSI BACK CARD #4	INPUT 25-32 OUTPUT 25-32 DATA 25-32	J 2	1004	J 4
AIO-BC-8-SCSI BACK CARD #5	INPUT 33-40 OUTPUT 33-40 DATA 33-40	J 2	1005	J 5
AIO-BC-8-SCSI BACK CARD #6	INPUT 41-48 OUTPUT 41-48 DATA 41-48	J 2	1006	J 1
AIO-BC-8-SCSI BACK CARD #7	INPUT 49-56 OUTPUT 49-56 DATA 49-56	J 2	1007	J 2
AIO-BC-8-SCSI BACK CARD #8	INPUT 57-64 OUTPUT 57-64 DATA 57-64	J 2	1008	J 3
AIO-BC-8-SCSI BACK CARD #9	INPUT 65-72 OUTPUT 65-72 DATA 65-72	J 2	1009	J 4
AIO-BC-8-SCSI BACK CARD #10	INPUT 73-80 OUTPUT 73-80 DATA 73-80	J 2	1010	J 5
AIO-BC-8-SCSI BACK CARD #11	INPUT 81-88 OUTPUT 81-88 DATA 81-88	J 2	1011	J 1
AIO-BC-8-SCSI BACK CARD #12	INPUT 89-96 OUTPUT 89-96 DATA 89-96	J 2	1012	J 2
AIO-BC-8-SCSI BACK CARD #13	INPUT 97-104 OUTPUT 97-104 DATA 97-104	J 2	1013	J 3
AIO-BC-8-SCSI BACK CARD #14	INPUT 105-112 OUTPUT 105-112 DATA 105-112	J 2	1014	J 4
AIO-BC-8-SCSI BACK CARD #15	INPUT 113-120 OUTPUT 113-120 DATA 113-120	J 2	1015	J 5

ADAM MATRIX FRAME
BACK CARDS

CARD 1 ON RIGHT HAND SIDE OF FRAME
AS VIEW DIRECTLY TO THE REAR OF FRAME

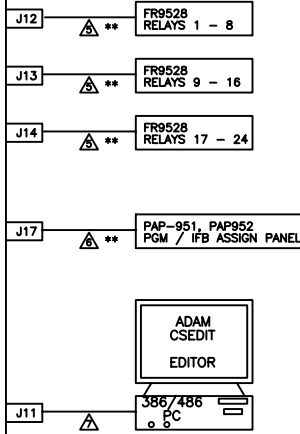
XCP-40-RJ11	
PORT NO. 1 - 40	
PANEL NO. 1	
CONNECTORS AT REAR OF PANEL	
XCP-40-RJ11	
PORT NO. 41 - 80	
PANEL NO. 2	
CONNECTORS AT REAR OF PANEL	
XCP-40-RJ11	
PORT NO. 81 - 120	
PANEL NO. 3	
CONNECTORS AT REAR OF PANEL	

**FR9510
CONTROLLER
FRAME**

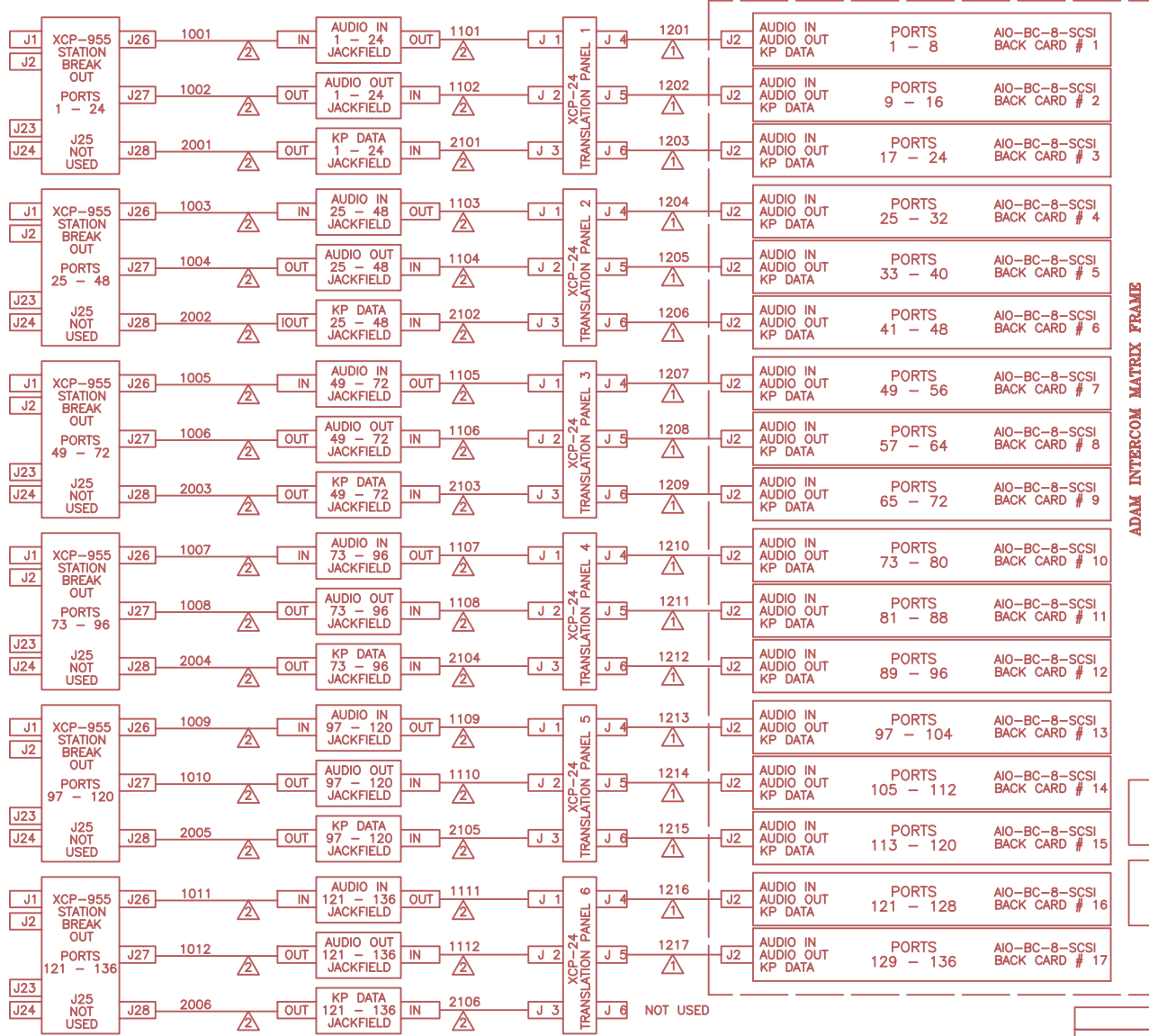
KEYPANEL DATA 1 - 24	J29	2001	J 6
MATRIX DATA 1 - 40	J20	3001	J 7
KEYPANEL DATA 25 - 40	J30	2002	J 8
KEYPANEL DATA 41 - 64	J31	2003	J 6
MATRIX DATA 41 - 80	J23	3002	J 7
KEYPANEL DATA 65 - 80	J32	2004	J 8
KEYPANEL DATA 81 - 104	J33	2005	J 6
MATRIX DATA 81 - 120	J28	3003	J 7
KEYPANEL DATA 105 - 120	J34	2006	J 8

CABLE LEGENDS:

- △ DENOTES 25 PAIRS TELCO CABLE (REF ADAM-801 DWG)
- △ DENOTES KEY PANEL DATA CABLE (REF ADAM-802 DWG)
- △ DENOTES 25 PAIRS TO RJ45 BREAKOUT CABLE (REF ADAM-803 DWG)
- △ DENOTES RJ11 TO DEBP DATA CABLE (REF ADAM-804 DWG)
- △ DENOTES 15 CONDUCTORS CONTROL CABLE (REF ADAM-804 DWG)
- △ DENOTES SINGLE PAIR PAP DATA CABLE (REF ADAM-804 DWG)
- △ DENOTES RS232C DATA CABLE (REF ADAM-804 DWG)
- △ DENOTES THREE PAIRS DATA CABLE (REF ADAM-804 DWG)
- △ DENOTES 25 PAIRS SCSI-2 CABLE (REF ADAM-805 DWG)
- ** DENOTES CABLES NOT SUPPLIED BY TELEX



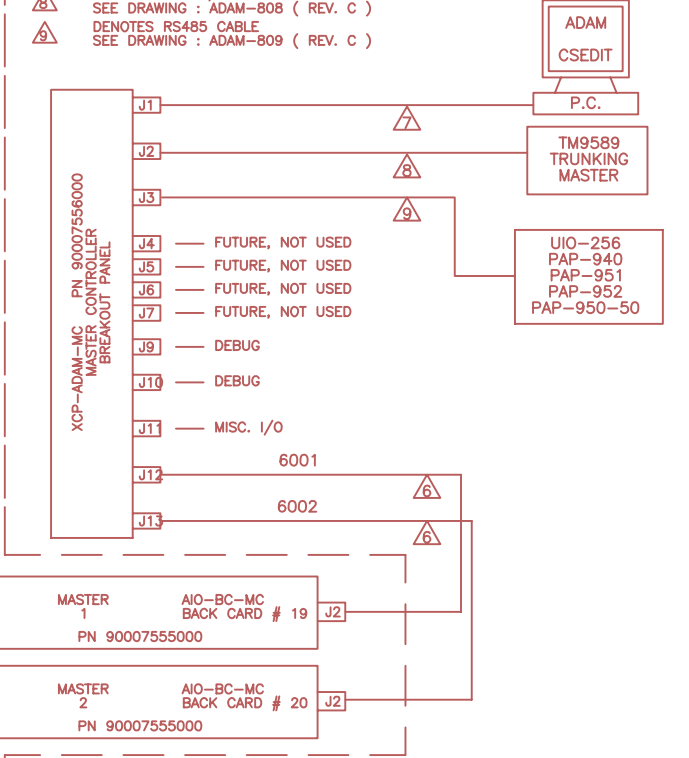
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DIMENSIONS ARE TO CENTER UNLESS NOTED OTHERWISE TOLERANCES ARE AS SHOWN FINISH: F.P.M. 3.000 P.P.M. 0.000		CONTRACT NO.	RTS SYSTEMS BUREAU, CALIFORNIA, USA			
APPROVALS		DATE	ADAM INTERCOM MATRIX SYSTEM TO XCP-40-RJ11 SYSTEM CABLING DIAGRAM			
DRAWN W. YAU		23 MAY 88				
CHECKED W. YAU		23 MAY 88				
NEXT ASSY	USED ON	ISSUED	SIZE	FSM NO.	DWG NO.	REV
APPLICATION	FRSH	D			Adam102X	A
ADAM-102		SCALE	SHEET			



CABLE LEGENDS:

- △ DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)
- △ DENOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)
- △ DENOTES RJ45 TO 25 PAIRS TELCO TRANSLATION CABLE SEE DRAWING : ADAM-803 (REV. C)
- △ DENOTES RJ11 TO 25 PAIRS TELCO TRANSLATION CABLE SEE DRAWING : ADAM-804 (REV. C)
- △ DENOTES DE9P TO 25 PAIRS TELCO TRANSLATION CABLE SEE DRAWING : ADAM-805 (REV. C)
- △ DENOTES 68 PINS SCSI-2 CABLE SEE DRAWING : ADAM-806 (REV. C)
- △ DENOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)
- △ DENOTES RS485, RS422 CABLE SEE DRAWING : ADAM-808 (REV. C)
- △ DENOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)

ADAM INTERCOM MATRIX FRAME



UNLESS OTHERWISE SPECIFIED
 INDICATE ALL DIMENSIONS IN INCHES
 UNLESS INDICATED OTHERWISE
 DIMENSIONS ARE TO BE TAKEN TO CENTER UNLESS INDICATED OTHERWISE
 FINISH: UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE TO BE TAKEN TO CENTER UNLESS INDICATED OTHERWISE

CONTRACT NO.	
APPROVALS	DATE
DRAWN	29 OCT 93
CHECKED	29 OCT 93
ISSUED	

RTS SYSTEMS BURBANK, CALIFORNIA, USA

ADAM INTERCOM SYSTEM XCP-955 / JACKFIELDS / SCSI INTERCONNECT DIAGRAM

SIZE: FSCM NO. DWG NO. ADAM-103 REV. D 29 OCT 93

APPLICATION	USED ON	FINISH

ADAM MATRIX FRAME

AIO-BC-8-SCSI BACK CARD #1	INPUT 1-8 OUTPUT 1-8 DATA 1-8	J 2	1001	J 1
AIO-BC-8-SCSI BACK CARD #2	INPUT 9-16 OUTPUT 9-16 DATA 9-16	J 2	1002	J 2
AIO-BC-8-SCSI BACK CARD #3	INPUT 17-24 OUTPUT 17-24 DATA 17-24	J 2	1003	J 3
AIO-BC-8-SCSI BACK CARD #4	INPUT 25-32 OUTPUT 25-32 DATA 25-32	J 2	1004	J 4
AIO-BC-8-SCSI BACK CARD #5	INPUT 33-40 OUTPUT 33-40 DATA 33-40	J 2	1005	J 5
AIO-BC-8-SCSI BACK CARD #6	INPUT 41-48 OUTPUT 41-48 DATA 41-48	J 2	1006	J 1
AIO-BC-8-SCSI BACK CARD #7	INPUT 49-56 OUTPUT 49-56 DATA 49-56	J 2	1007	J 2
AIO-BC-8-SCSI BACK CARD #8	INPUT 57-64 OUTPUT 57-64 DATA 57-64	J 2	1008	J 3
AIO-BC-8-SCSI BACK CARD #9	INPUT 65-72 OUTPUT 65-72 DATA 65-72	J 2	1009	J 4
AIO-BC-8-SCSI BACK CARD #10	INPUT 73-80 OUTPUT 73-80 DATA 73-80	J 2	1010	J 5
AIO-BC-8-SCSI BACK CARD #11	INPUT 81-88 OUTPUT 81-88 DATA 81-88	J 2	1011	J 1
AIO-BC-8-SCSI BACK CARD #12	INPUT 89-96 OUTPUT 89-96 DATA 89-96	J 2	1012	J 2
AIO-BC-8-SCSI BACK CARD #13	INPUT 97-104 OUTPUT 97-104 DATA 97-104	J 2	1013	J 3
AIO-BC-8-SCSI BACK CARD #14	INPUT 105-112 OUTPUT 105-112 DATA 105-112	J 2	1014	J 4
AIO-BC-8-SCSI BACK CARD #15	INPUT 113-120 OUTPUT 113-120 DATA 113-120	J 2	1015	J 5

ADAM MATRIX FRAME
BACK CARDS

CARD 1 ON RIGHT HAND SIDE OF FRAME
AS VIEW DIRECTLY TO THE REAR OF FRAME

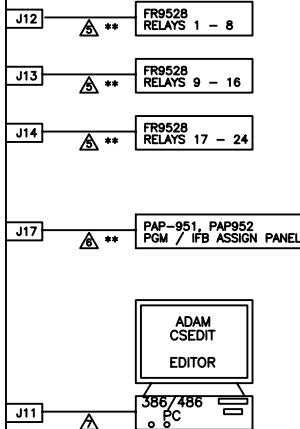
XCP-40-DB9
PORT NO. 1 - 40
PANEL NO. 1
CONNECTORS AT REAR OF PANEL
XCP-40-DB9
PORT NO. 41 - 80
PANEL NO. 2
CONNECTORS AT REAR OF PANEL
XCP-40-DB9
PORT NO. 81 - 120
PANEL NO. 3
CONNECTORS AT REAR OF PANEL

**FR9510
CONTROLLER
FRAME**

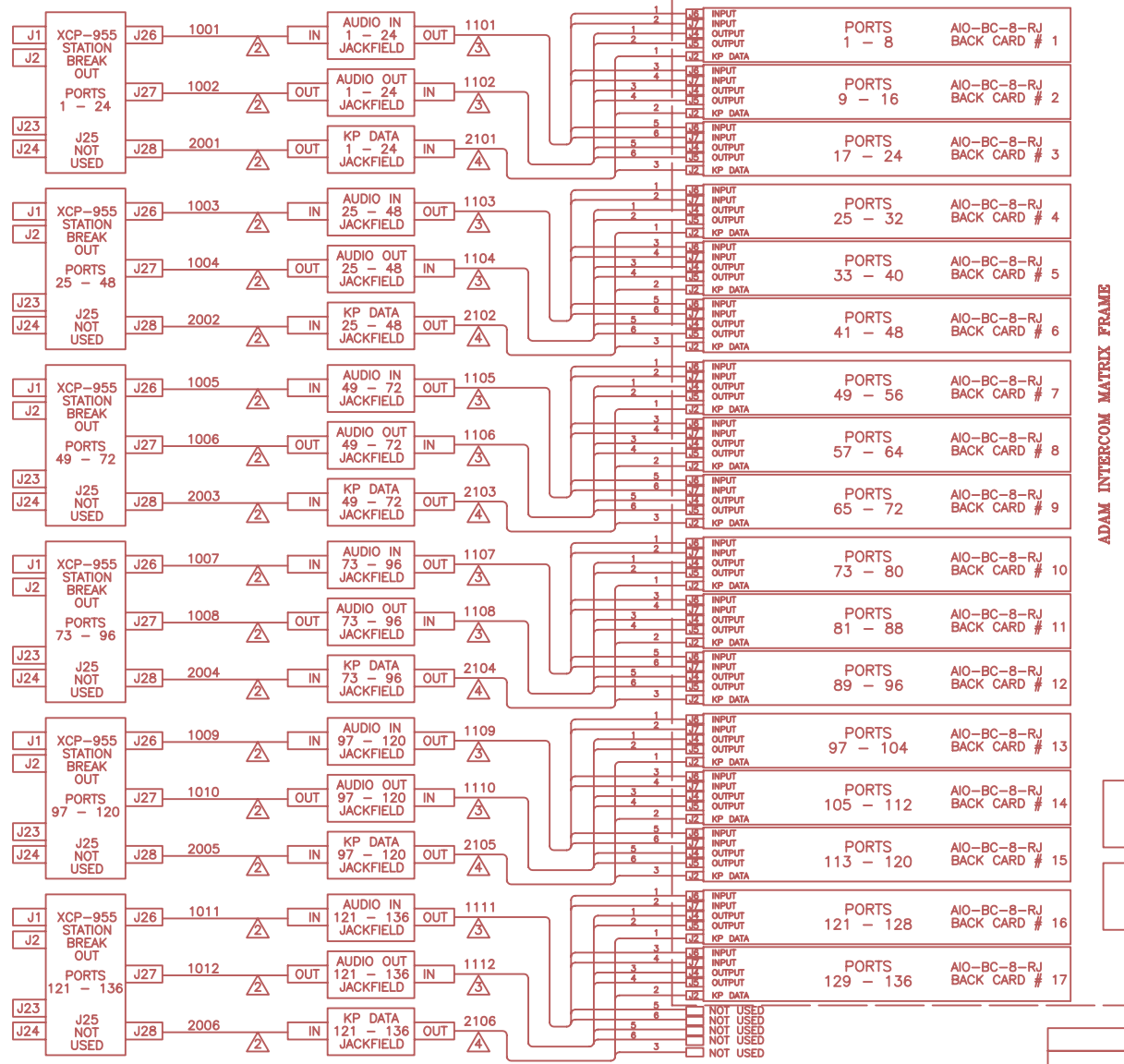
KEYPANEL DATA 1 - 24	J29
MATRIX DATA 1 - 40	J20
KEYPANEL DATA 25 - 40	J30
KEYPANEL DATA 41 - 64	J31
MATRIX DATA 41 - 80	J23
KEYPANEL DATA 65 - 80	J32
KEYPANEL DATA 81 - 104	J33
MATRIX DATA 81 - 120	J26
KEYPANEL DATA 105 - 120	J34

CABLE LEGENDS:

- △ DENOTES 25 PAIRS TELCO CABLE (REF ADAM-801 DWG)
- △ DENOTES KEY PANEL DATA CABLE (REF ADAM-802 DWG)
- △ DENOTES 25 PAIRS TO RJ45 BREAKOUT CABLE (REF ADAM-803 DWG)
- △ DENOTES RJ11 TO DB9P DATA CABLE (REF ADAM-804 DWG)
- △ DENOTES 15 CONDUCTORS CONTROL CABLE (REF ADAM-804 DWG)
- △ DENOTES SINGLE PAIR PAP DATA CABLE (REF ADAM-804 DWG)
- △ DENOTES RS232C DATA CABLE (REF ADAM-804 DWG)
- △ DENOTES THREE PAIRS DATA CABLE (REF ADAM-804 DWG)
- △ DENOTES 25 PAIRS SCSI-2 CABLE (REF ADAM-805 DWG)
- ** DENOTES CABLES NOT SUPPLIED BY TELEX

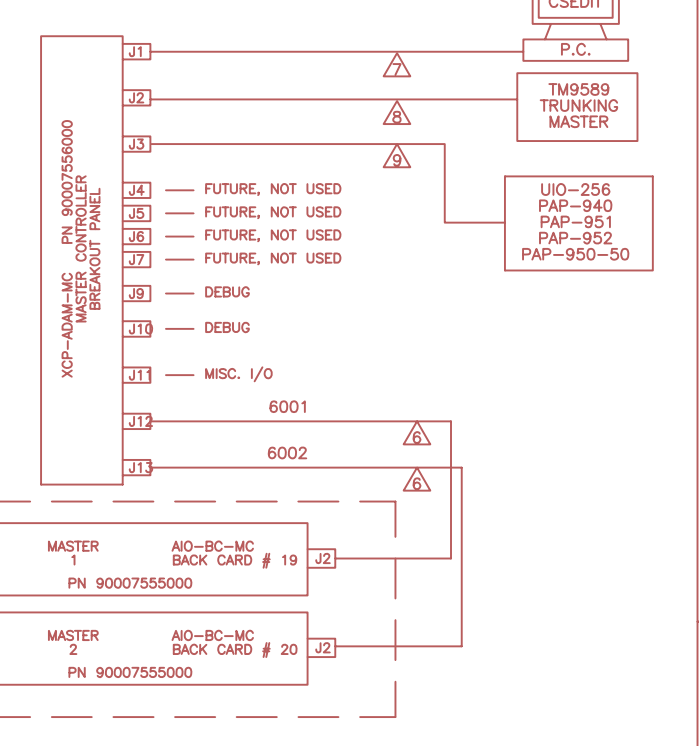


UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE	CONTRACT NO.	RTS SYSTEMS BURBANK, CALIFORNIA, USA	
APPROVALS	DATE	ADAM INTERCOM MATRIX SYSTEM TO XCP-40-DB9 SYSTEM CABLING DIAGRAM	
DRAWN W. YAU	23 MAY 88	CHECKED W. YAU	23 MAY 88
ISSUED D	23 MAY 88	SIZE PFORM NO.	DWG NO. ADAM103X
NEXT ASSY	USED ON	FRSH	SCALE
APPLICATION	ADAM-103	SCALE	SHEET

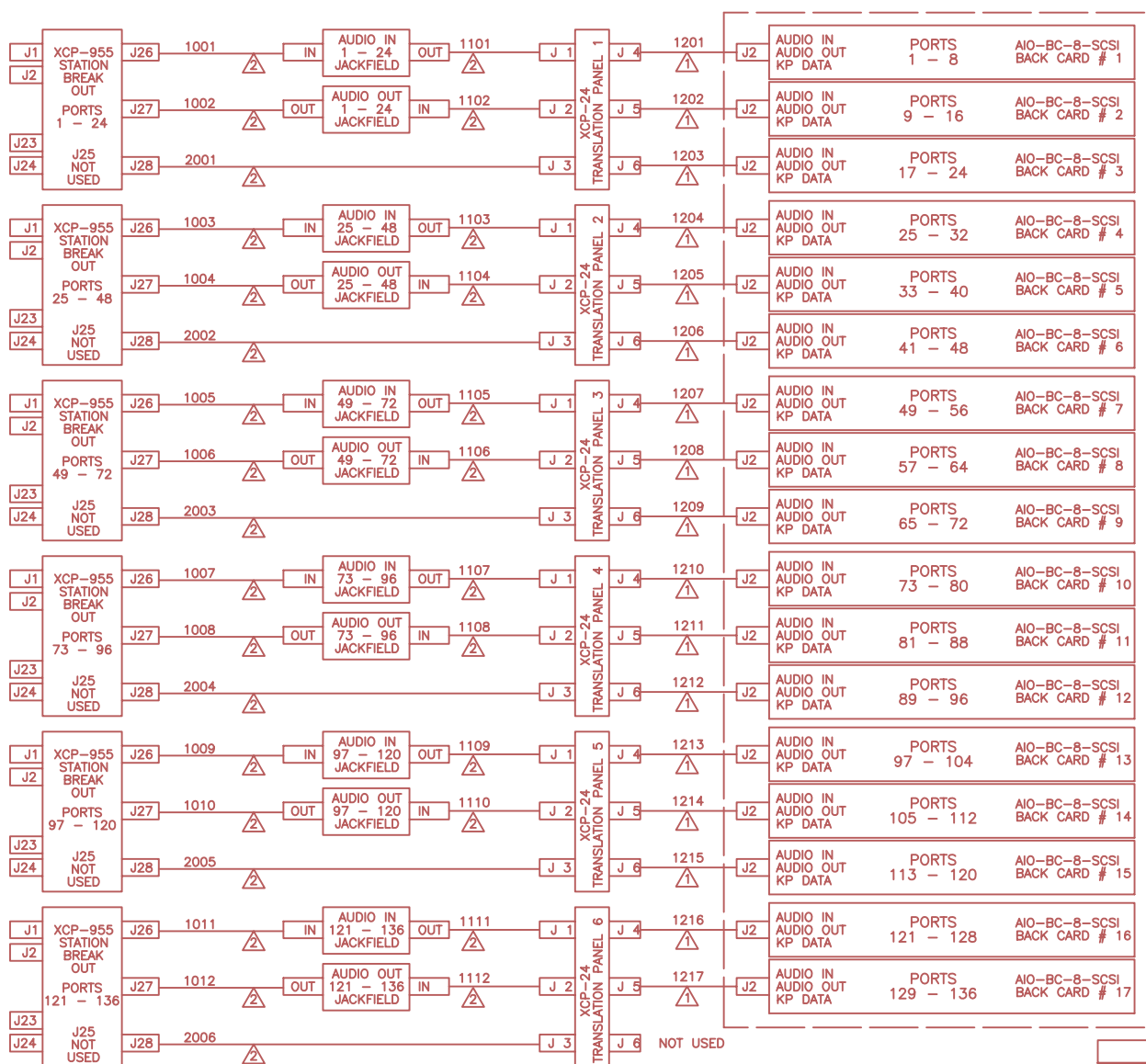


CABLE LEGENDS:

- △ DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING: ADAM-801 (REV. C)
- △ DENOTES 25 PAIRS TELCO CABLE SEE DRAWING: ADAM-802 (REV. C)
- △ DENOTES RJ45 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING: ADAM-803 (REV. C)
- △ DENOTES RJ11 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING: ADAM-804 (REV. C)
- △ DENOTES DE9P TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING: ADAM-805 (REV. C)
- △ DENOTES 68 PINS SCSI-2 CABLE SEE DRAWING: ADAM-806 (REV. C)
- △ DENOTES RS232C CABLE SEE DRAWING: ADAM-807 (REV. C)
- △ DENOTES RS485, RS422 CABLE SEE DRAWING: ADAM-808 (REV. C)
- △ DENOTES RS485 CABLE SEE DRAWING: ADAM-809 (REV. C)



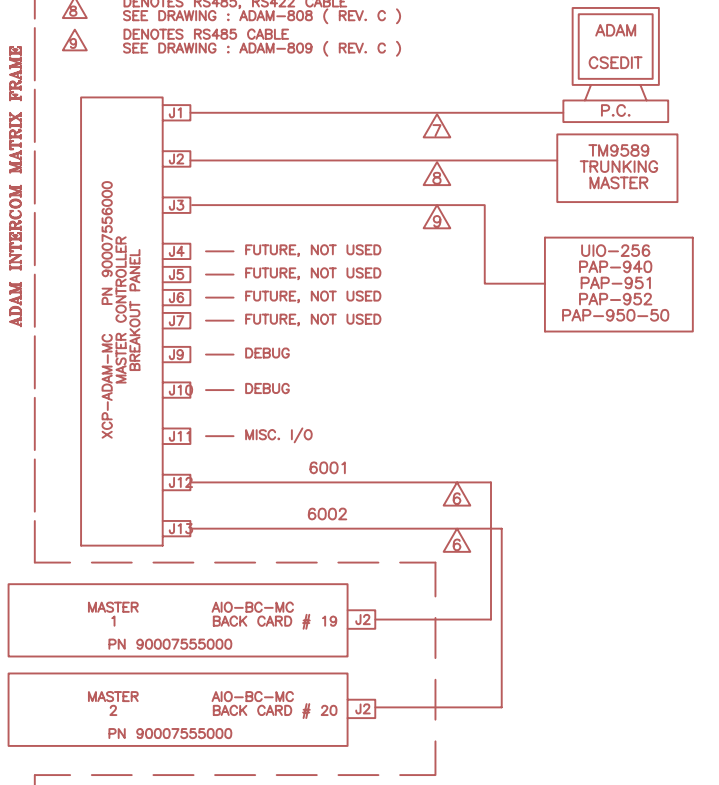
UNLESS OTHERWISE SPECIFIED INCLUDE ALL BUBBLES & BRIGHT SWAMP COVERS REF: 3041-155, R172 ORANGE MARK 16 INCHES TOLERANCES AND FINISHES F1/16 X F.200 300P.010		CONTRACT NO.	RTS SYSTEMS BURBANK, CALIFORNIA, USA	
APPROVALS		DATE		ADAM INTERCOM SYSTEM / RJ45 INTERCONNECT DIAGRAM
DRAWN W. YAU		29 OCT 93		
CHECKED W. YAU		29 OCT 93		
ISSUED				
MATERIAL	FINISH	SIZE	FSCM NO.	DWG NO.
NEXT ASSY	USED ON	ADAM-104		ADAM-104
APPLICATION		SCALE	SHEET	



CABLE LEGENDS:

- △ DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)
- △ DENOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)
- △ DENOTES RJ45 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-803 (REV. C)
- △ DENOTES RJ11 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-804 (REV. C)
- △ DENOTES DE9P TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-805 (REV. C)
- △ DENOTES 68 PINS SCSI-2 CABLE SEE DRAWING : ADAM-806 (REV. C)
- △ DENOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)
- △ DENOTES RS485, RS422 CABLE SEE DRAWING : ADAM-808 (REV. C)
- △ DENOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)

ADAM INTERCOM MATRIX FRAME



ZONE	REV	DESCRIPTION	DATE	APPROVED

UNLESS OTHERWISE SPECIFIED
 INSIDE ALL DIMENSIONS & WEIGHT SHOWN UNLESS
 NOTED OTHERWISE
 DIMENSIONS ARE IN INCHES
 TOLERANCES ARE:
 FRACTIONS DECIMALS ANGLES
 1/16 1/32 30° 0.010 0.005 0.010

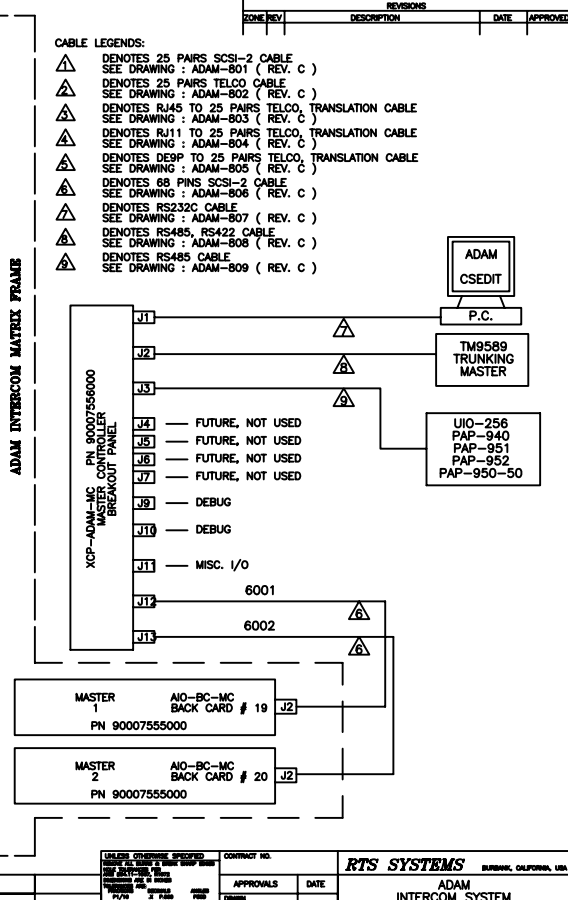
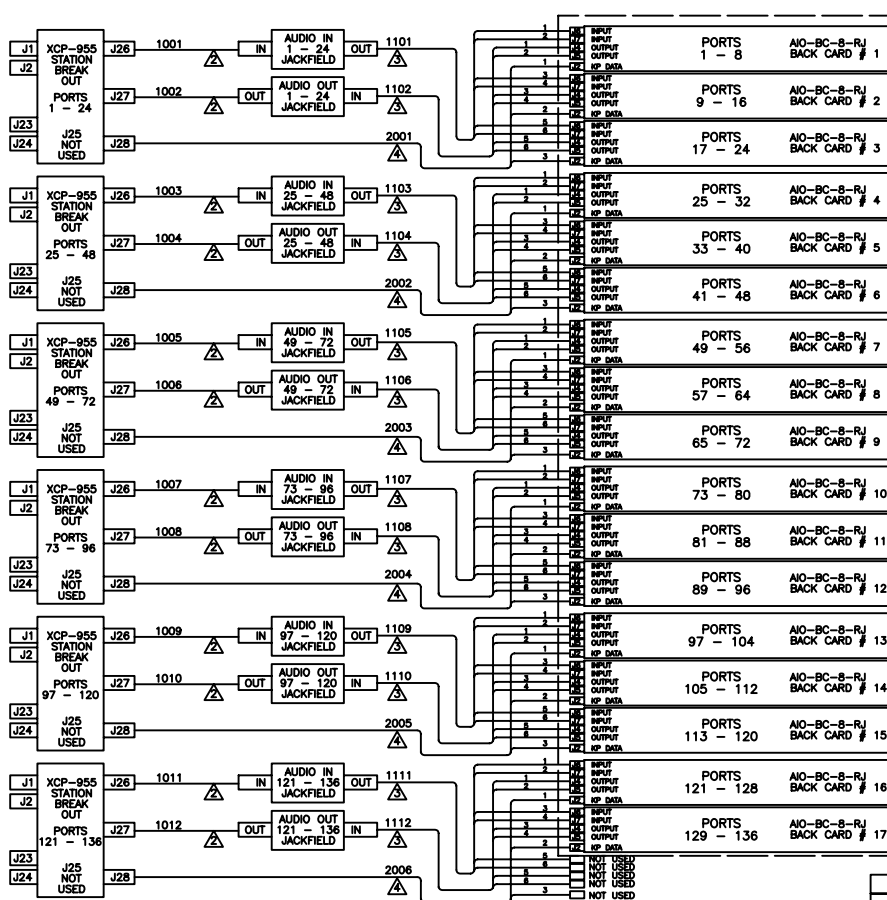
CONTRACT NO.	
APPROVALS	DATE
DRAWN	29 OCT 93
CHECKED	29 OCT 93
ISSUED	

RTS SYSTEMS BURBANK, CALIFORNIA, USA
 ADAM
 INTERCOM SYSTEM
 XCP-955 / JACKFIELDS / SCSI
 INTERCONNECT DIAGRAM

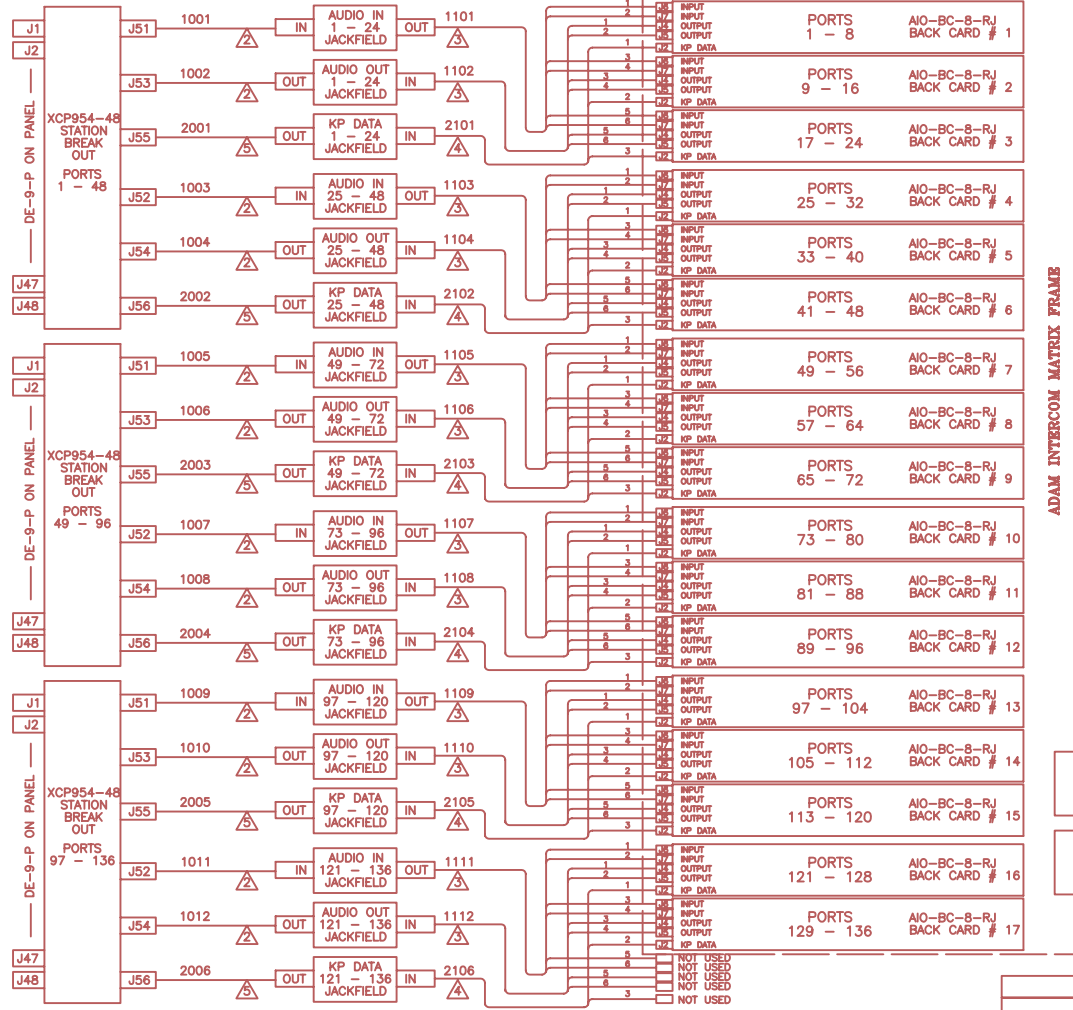
APPLICATION	NEXT ASSY	USED ON	MATERIAL	FINISH

SIZE	FSCM NO.	DWG NO.	REV
D		ADAM-105	C

SCALE: SHEET



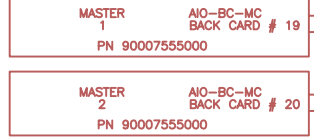
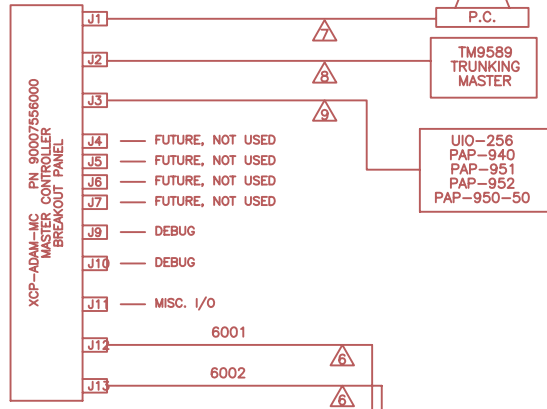
DATED: 09/28/88 DESIGNED BY: W. YAU DRAWN BY: W. YAU CHECKED BY: W. YAU APPROVED BY: W. YAU DATE: 28 OCT 88 DATE: 28 OCT 88		CONTRACT NO. APPROVALS DATE	RTS SYSTEMS BIRMGHAM, CALIFORNIA, USA ADAM INTERCOM SYSTEM / JACKFIELDS / RJ45 INTERCONNECT DIAGRAM
NEXT ASSY USED ON APPLICATION	DRAWN BY: W. YAU CHECKED BY: W. YAU DATE: 28 OCT 88 DATE: 28 OCT 88	DATE: 28 OCT 88 DATE: 28 OCT 88	SHEET FROM NO. D Dwg No. ADAM-106 SCALE SHEET



CABLE LEGENDS:

- △ DENOTES 25 PAIRS SCSI-2 CABLE
SEE DRAWING : ADAM-801 (REV. C)
- △ DENOTES 25 PAIRS TELCO CABLE
SEE DRAWING : ADAM-802 (REV. C)
- △ DENOTES RJ45 TO 25 PAIRS TELCO, TRANSLATION CABLE
SEE DRAWING : ADAM-803 (REV. C)
- △ DENOTES RJ11 TO 25 PAIRS TELCO, TRANSLATION CABLE
SEE DRAWING : ADAM-804 (REV. C)
- △ DENOTES DE9P TO 25 PAIRS TELCO, TRANSLATION CABLE
SEE DRAWING : ADAM-805 (REV. C)
- △ DENOTES 68 PINS SCSI-2 CABLE
SEE DRAWING : ADAM-806 (REV. C)
- △ DENOTES RS232C CABLE
SEE DRAWING : ADAM-807 (REV. C)
- △ DENOTES RS485, RS422 CABLE
SEE DRAWING : ADAM-808 (REV. C)
- △ DENOTES RS485 CABLE
SEE DRAWING : ADAM-809 (REV. C)

ADAM INTERCOM MATRIX FRAME



UNLESS OTHERWISE SPECIFIED
USE THE FOLLOWING DIMENSIONS AND TOLERANCES
DIMENSIONS ARE IN INCHES
FRACTIONS ARE DECIMALS
P/176 J. P. 2000
JSP/200

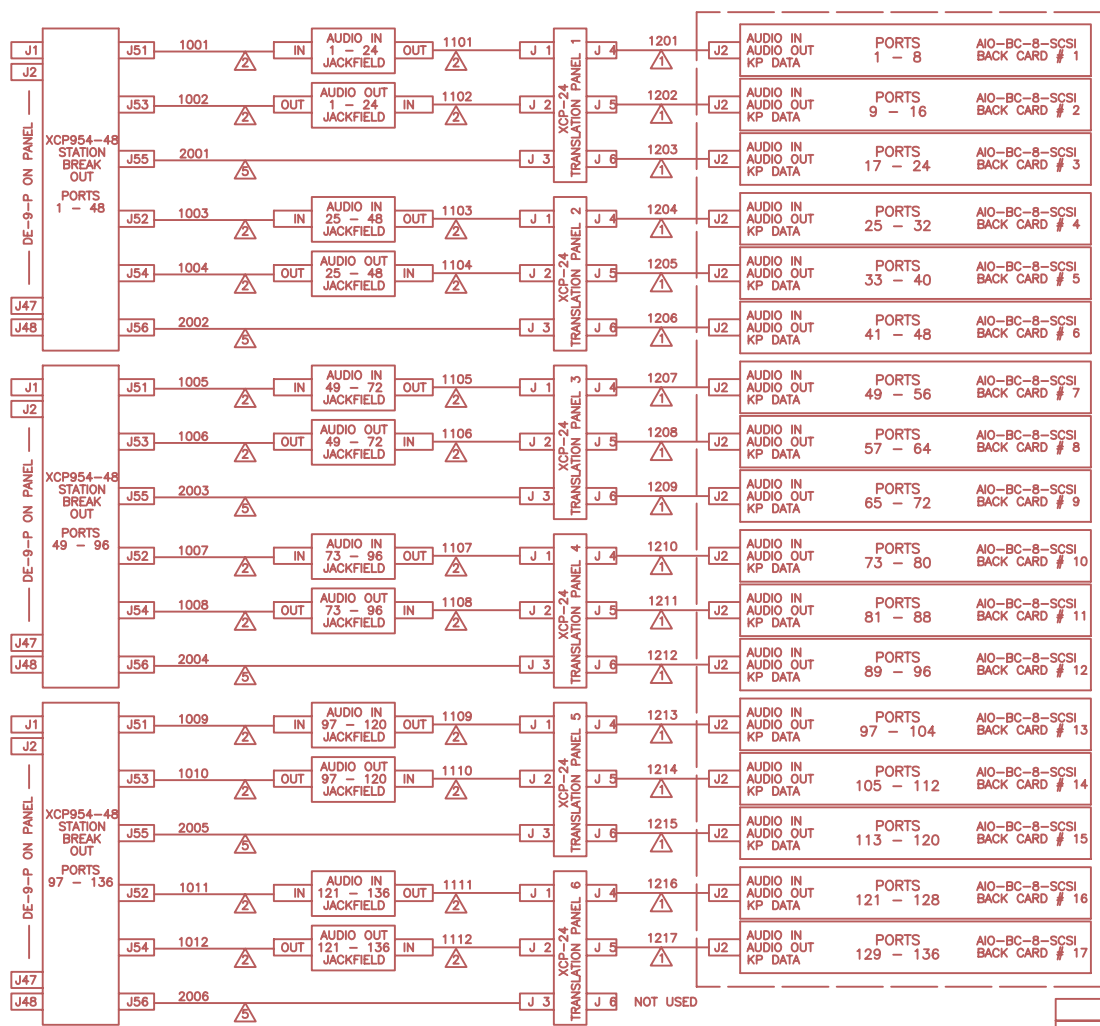
CONTRACT NO.		DATE	
APPROVALS			
DRAWN	W. YAU	10/29/98	
CHECKED	W. YAU	10/29/98	
ISSUED			

RTS SYSTEMS BURENAC, CALIFORNIA, USA

ADAM INTERCOM SYSTEM
XCP954-48 (9 pin data)
AUDIO & DATA JACKFIELDS / RJ
INTERCONNECT DIAGRAM

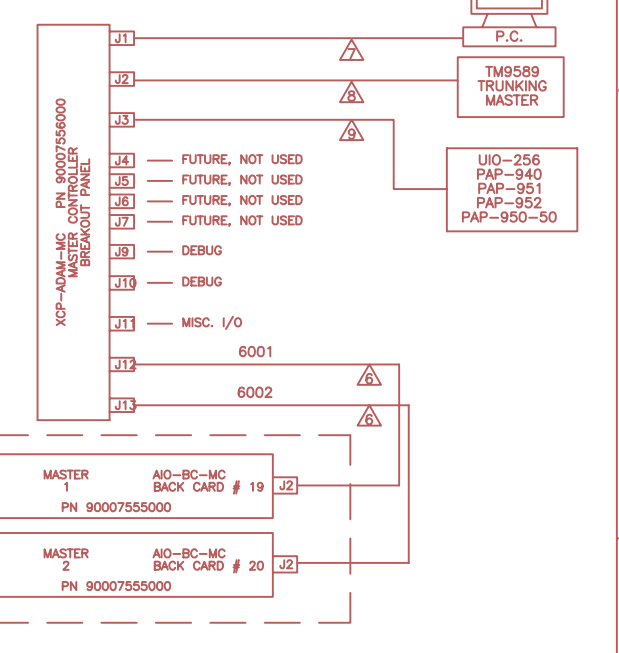
SIZE	FSCM NO.	DWG NO.	REV
D		ADAM-108	
SCALE			SHEET

NEXT ASSY	USED ON	FINISH	
APPLICATION			



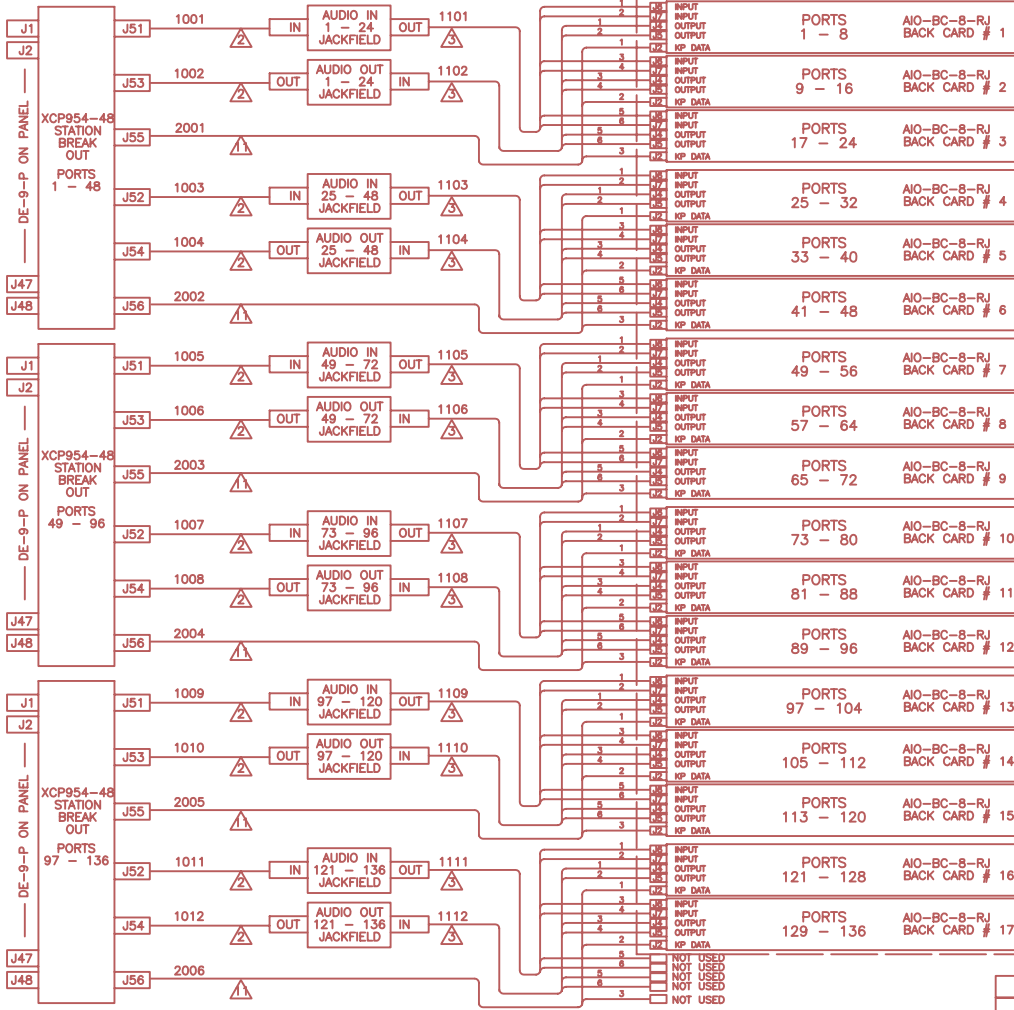
ZONE REV	DESCRIPTION	REVISIONS	DATE	APPROVED
△	NOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)			
△	NOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)			
△	NOTES RJ45 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-803 (REV. C)			
△	NOTES RJ11 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-804 (REV. C)			
△	NOTES DE9P TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-805 (REV. C)			
△	NOTES 68 PINS SCSI-2 CABLE SEE DRAWING : ADAM-806 (REV. C)			
△	NOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)			
△	NOTES RS485, RS422 CABLE SEE DRAWING : ADAM-808 (REV. C)			
△	NOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)			

ADAM INTERCOM MATRIX



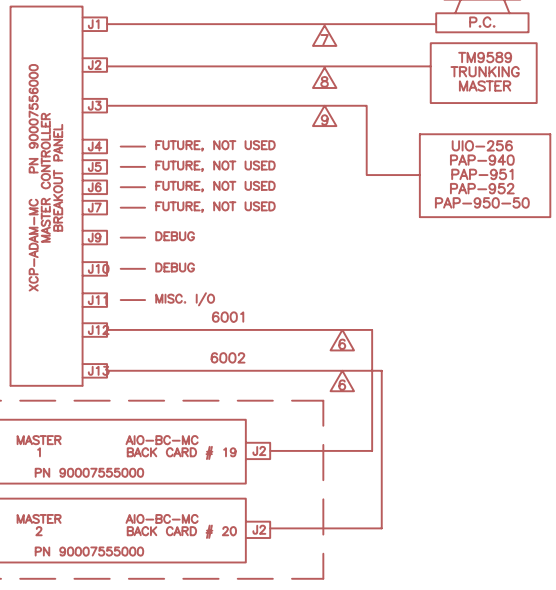
J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	J13
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UNLESS OTHERWISE SPECIFIED
 USE THE FOLLOWING DIMENSIONS & TOLERANCES
 DIMENSIONS ARE IN INCHES
 FRACTIONS ARE 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 3 3/4, 4, 4 1/4, 4 1/2, 4 3/4, 5, 5 1/4, 5 1/2, 5 3/4, 6, 6 1/4, 6 1/2, 6 3/4, 7, 7 1/4, 7 1/2, 7 3/4, 8, 8 1/4, 8 1/2, 8 3/4, 9, 9 1/4, 9 1/2, 9 3/4, 10, 10 1/4, 10 1/2, 10 3/4, 11, 11 1/4, 11 1/2, 11 3/4, 12, 12 1/4, 12 1/2, 12 3/4, 13, 13 1/4, 13 1/2, 13 3/4, 14, 14 1/4, 14 1/2, 14 3/4, 15, 15 1/4, 15 1/2, 15 3/4, 16, 16 1/4, 16 1/2, 16 3/4, 17, 17 1/4, 17 1/2, 17 3/4, 18, 18 1/4, 18 1/2, 18 3/4, 19, 19 1/4, 19 1/2, 19 3/4, 20, 20 1/4, 20 1/2, 20 3/4, 21, 21 1/4, 21 1/2, 21 3/4, 22, 22 1/4, 22 1/2, 22 3/4, 23, 23 1/4, 23 1/2, 23 3/4, 24, 24 1/4, 24 1/2, 24 3/4, 25, 25 1/4, 25 1/2, 25 3/4, 26, 26 1/4, 26 1/2, 26 3/4, 27, 27 1/4, 27 1/2, 27 3/4, 28, 28 1/4, 28 1/2, 28 3/4, 29, 29 1/4, 29 1/2, 29 3/4, 30, 30 1/4, 30 1/2, 30 3/4, 31, 31 1/4, 31 1/2, 31 3/4, 32, 32 1/4, 32 1/2, 32 3/4, 33, 33 1/4, 33 1/2, 33 3/4, 34, 34 1/4, 34 1/2, 34 3/4, 35, 35 1/4, 35 1/2, 35 3/4, 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ADAM INTERCOM MATRIX FRAME

ZONE REV	DESCRIPTION	DATE	APPROVED
	CABLE LEGENDS:		
△	Denotes 25 Pairs SCSI-2 Cable See Drawing: ADAM-801 (REV. C)		
△	Denotes 25 Pairs TELCO Cable See Drawing: ADAM-802 (REV. C)		
△	Denotes RJ45 to 25 Pairs TELCO Translation Cable See Drawing: ADAM-803 (REV. C)		
△	Denotes RJ11 to 25 Pairs TELCO Translation Cable See Drawing: ADAM-804 (REV. C)		
△	Denotes DE9P to 25 Pairs TELCO Translation Cable See Drawing: ADAM-805 (REV. C)		
△	Denotes 68 Pins SCSI-2 Cable See Drawing: ADAM-806 (REV. C)		
△	Denotes RS232C Cable See Drawing: ADAM-807 (REV. C)		
△	Denotes RS485, RS422 Cable See Drawing: ADAM-808 (REV. C)		
△	Denotes RS485 Cable See Drawing: ADAM-809 (REV. C)		
△	Denotes RG59 Coaxial Cable See Drawing: ADAM-810 (REV. C)		
△	Denotes DE9P to RJ11 Cable See Drawing: ADAM-811 (REV. C)		

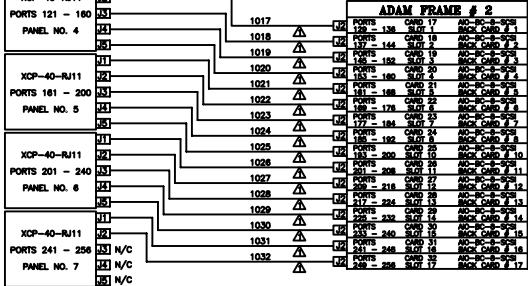
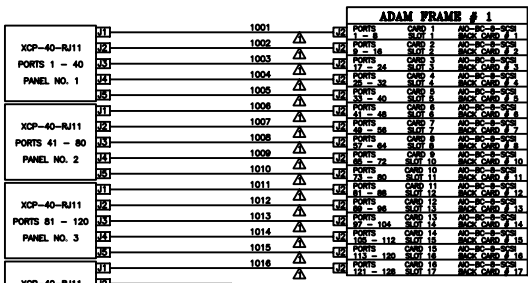


UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MILLIMETERS
 FINISH: UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MILLIMETERS

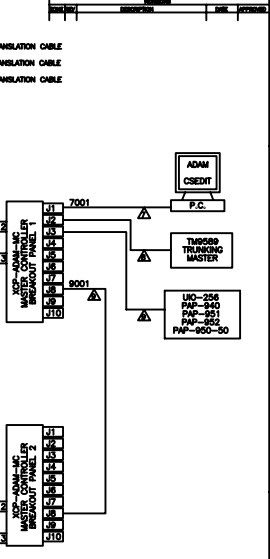
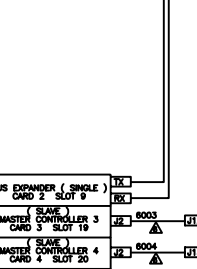
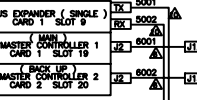
APPROVALS		DATE
DRAWN	W. YAU	10/29/98
CHECKED	W. YAU	10/29/98
ISSUED		

RTS SYSTEMS		BURBANK, CALIFORNIA, USA
ADAM INTERCOM SYSTEM XCP954-48 (9 pin data) AUDIO & DATA JACKFIELDS / Ru INTERCONNECT DIAGRAM		
SIZE	FSCM NO.	DWG NO.
D		ADAM-110
SCALE		SHEET

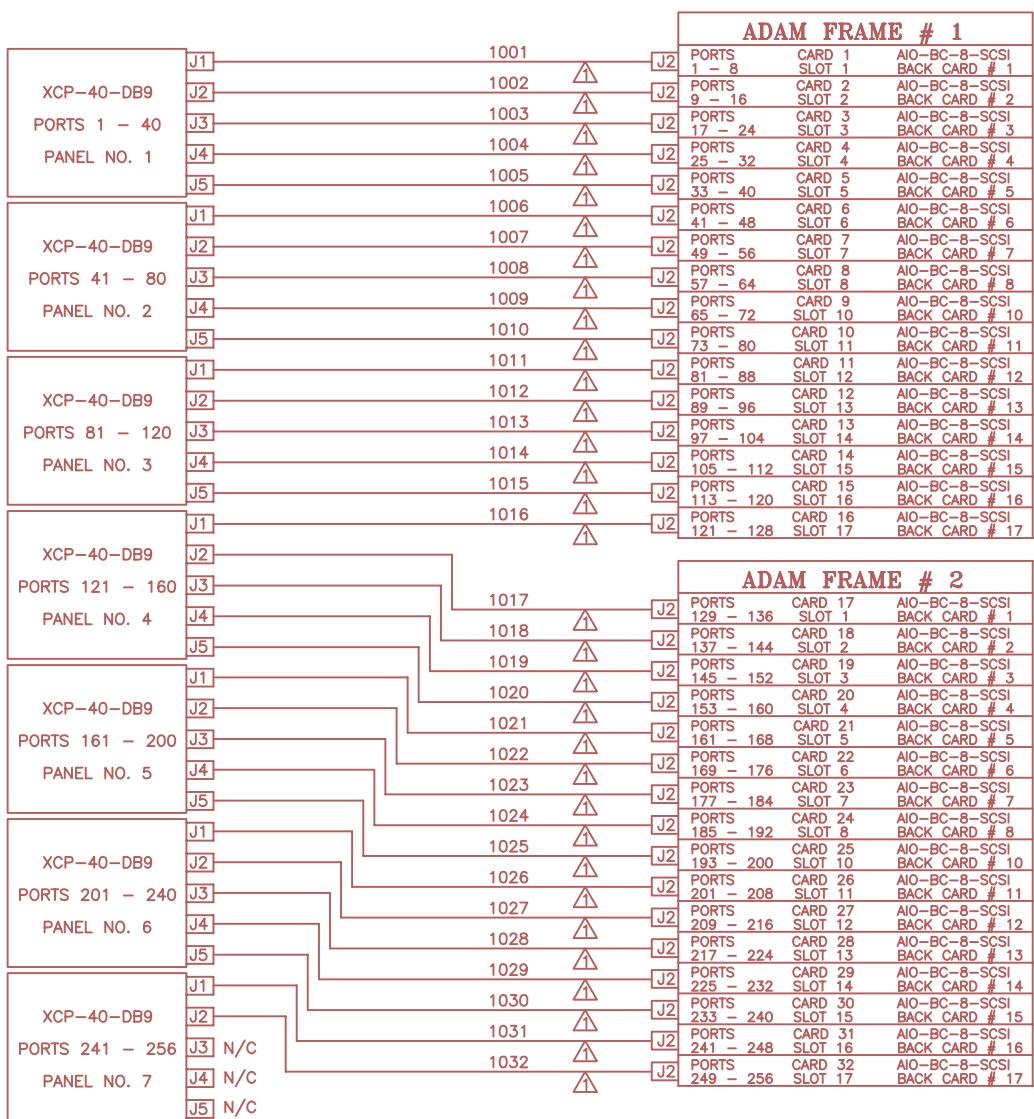
CONTRACT NO.	
APPROVALS	
DRAWN	
CHECKED	
ISSUED	
MATERIAL	
NEXT ASSY	USED ON
APPLICATION	



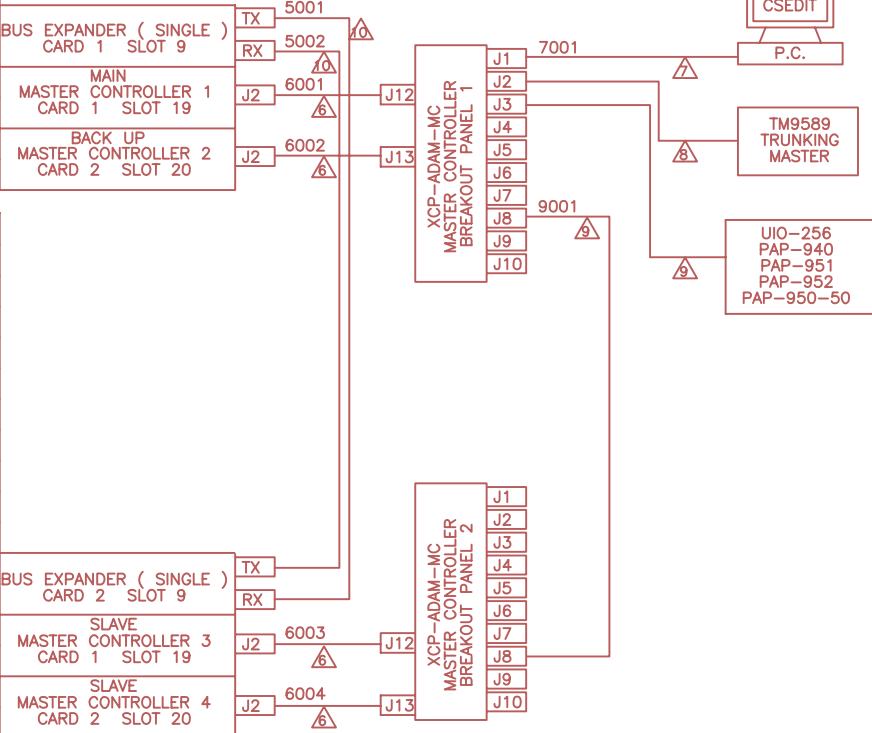
- CABLE LEGENDS**
- △ DENOTES 25 PAIRS SCB-2 CABLE
SEE DRAWING : ADAM-301 (REV. C)
 - △ DENOTES 25 PAIRS TELCO CABLE
SEE DRAWING : ADAM-302 (REV. C)
 - △ DENOTES RJ45 TO 25 PAIRS TELCO TRANSLATION CABLE
SEE DRAWING : ADAM-303 (REV. C)
 - △ DENOTES RJ11 TO 25 PAIRS TELCO TRANSLATION CABLE
SEE DRAWING : ADAM-304 (REV. C)
 - △ DENOTES DB9P TO 25 PAIRS TELCO TRANSLATION CABLE
SEE DRAWING : ADAM-305 (REV. C)
 - △ DENOTES 88 PAIRS SCB-2 CABLE
SEE DRAWING : ADAM-306 (REV. C)
 - △ DENOTES RS232C CABLE
SEE DRAWING : ADAM-307 (REV. C)
 - △ DENOTES RS485, RS422 CABLE
SEE DRAWING : ADAM-308 (REV. C)
 - △ DENOTES RS485 CABLE
SEE DRAWING : ADAM-309 (REV. C)
 - △ DENOTES RG69 COAXIAL CABLE
SEE DRAWING : ADAM-310 (REV. C)



REVISION NO.		DATE	
APPROVED	DATE	RTS SYSTEMS	
W. YAU	10/11/81	ADAM INTERCOM SYSTEM 256 X 256	
W. YAU	10/11/81	XCP-40-RJ11 INTERCONNECT DIAGRAM	
REV. NO.	DATE	REV. NO.	DATE
1		1	
ADAM111C		ADAM-111	
DESIGNED BY	DATE	DESIGNED BY	DATE
APPROVED	DATE	APPROVED	DATE



- CABLE LEGENDS:**
- ① DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)
 - ② DENOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)
 - ③ DENOTES RJ45 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-803 (REV. C)
 - ④ DENOTES RJ11 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-804 (REV. C)
 - ⑤ DENOTES DE9P TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-805 (REV. C)
 - ⑥ DENOTES 68 PINS SCSI-2 CABLE SEE DRAWING : ADAM-806 (REV. C)
 - ⑦ DENOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)
 - ⑧ DENOTES RS485, RS422 CABLE SEE DRAWING : ADAM-808 (REV. C)
 - ⑨ DENOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)
 - ⑩ DENOTES RG59 COAXIAL CABLE SEE DRAWING : ADAM-810 (REV. C)



ZONE	REV	DESCRIPTION	DATE	APPROVED

UNLESS OTHERWISE SPECIFIED
 REQUIRE ALL BUSES & BRIGHT SHARP EDGES
 HOLE SIZE: .0015" - .0025" (.0015" - .0025")
 DIMENSIONS ARE IN INCHES
 TOLERANCES ARE: DECIMALS ANGLES FRACTIONS
 .01/.16 .0000 .0000 .0000 .0000 .010

CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA	
APPROVALS	DATE	ADAM INTERCOM SYSTEM 256 X 256 XCP-40-DB9 INTERCONNECT DIAGRAM	
DRAWN W. YAU	1 NOV 96	SIZE	FSCM NO. DWG NO. ADAM-112
CHECKED W. YAU	1 NOV 96	ISSUED	SCALE
NEXT ASSY	USED ON	FINISH	SHEET
APPLICATION	ADAM112C		

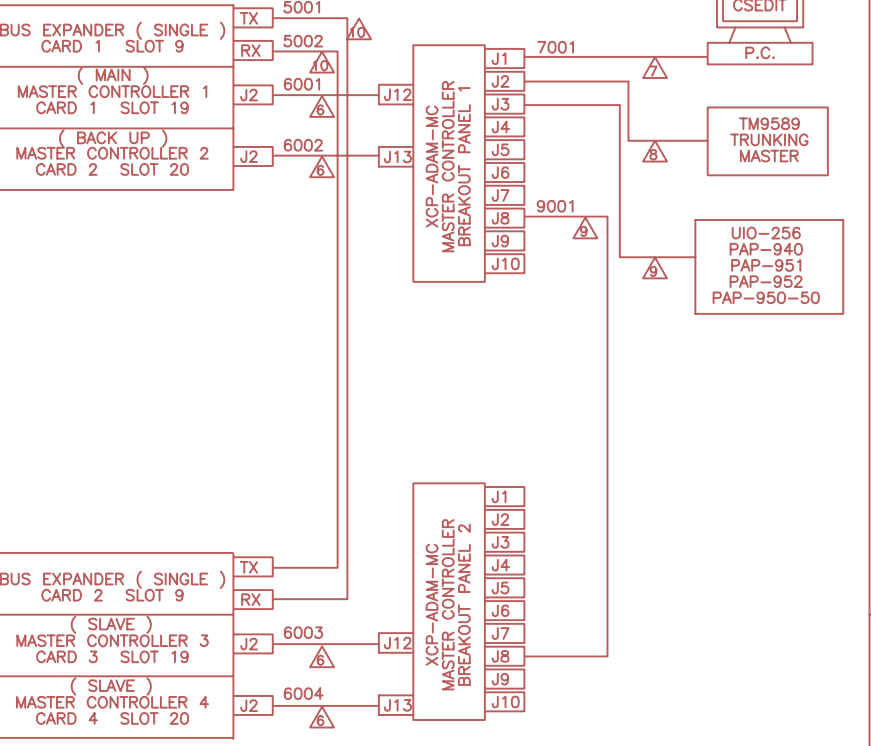
J1	XCP-955 STATION BREAKOUT PORTS 1 - 24 PANEL # 1	J26	1001	IN	AUDIO IN 1 - 24	OUT	1101	J1	XCP-955 STATION BREAKOUT PORTS 25 - 48 PANEL # 2	J26	1003	IN	AUDIO IN 25 - 48	OUT	1103	J1	XCP-955 STATION BREAKOUT PORTS 49 - 72 PANEL # 3	J26	1005	IN	AUDIO IN 49 - 72	OUT	1105	J1	XCP-955 STATION BREAKOUT PORTS 73 - 96 PANEL # 4	J26	1007	IN	AUDIO IN 73 - 96	OUT	1107	J1	XCP-955 STATION BREAKOUT PORTS 97 - 120 PANEL # 5	J26	1009	IN	AUDIO IN 97 - 120	OUT	1109	J1	XCP-955 STATION BREAKOUT PORTS 121 - 144 PANEL # 6	J26	1011	IN	AUDIO IN 121 - 144	OUT	1111
J24		J27	1002	OUT	AUDIO OUT 1 - 24	IN	1102	J24		J27	1004	OUT	AUDIO OUT 25 - 48	IN	1104	J24		J27	1006	OUT	AUDIO OUT 49 - 72	IN	1106	J24		J27	1008	OUT	AUDIO OUT 73 - 96	IN	1108	J24		J27	1010	OUT	AUDIO OUT 97 - 120	IN	1110	J24		J27	1012	OUT	AUDIO OUT 121 - 144	IN	1112
J24		J28	2001	OUT	KP DATA 1 - 24	IN	2101	J24		J28	2002	OUT	KP DATA 25 - 48	IN	2102	J24		J28	2003	OUT	KP DATA 49 - 72	IN	2103	J24		J28	2004	OUT	KP DATA 73 - 96	IN	2104	J24		J28	2005	OUT	KP DATA 97 - 120	IN	2105	J24		J28	2006	OUT	KP DATA 121 - 144	IN	2106

ADAM FRAME # 1				
J2	PORTS 1 - 8	CARD 1	AIO-BC-8-SCSI S1 SLOT 1	BACK CARD # 1
J2	PORTS 9 - 16	CARD 2	AIO-BC-8-SCSI S2 SLOT 2	BACK CARD # 2
J2	PORTS 17 - 24	CARD 3	AIO-BC-8-SCSI S3 SLOT 3	BACK CARD # 3
J2	PORTS 25 - 32	CARD 4	AIO-BC-8-SCSI S4 SLOT 4	BACK CARD # 4
J2	PORTS 33 - 40	CARD 5	AIO-BC-8-SCSI S5 SLOT 5	BACK CARD # 5
J2	PORTS 41 - 48	CARD 6	AIO-BC-8-SCSI S6 SLOT 6	BACK CARD # 6
J2	PORTS 49 - 56	CARD 7	AIO-BC-8-SCSI S7 SLOT 7	BACK CARD # 7
J2	PORTS 57 - 64	CARD 8	AIO-BC-8-SCSI S8 SLOT 8	BACK CARD # 8
J2	PORTS 65 - 72	CARD 9	AIO-BC-8-SCSI S9 SLOT 9	BACK CARD # 9
J2	PORTS 73 - 80	CARD 10	AIO-BC-8-SCSI S10 SLOT 10	BACK CARD # 10
J2	PORTS 81 - 88	CARD 11	AIO-BC-8-SCSI S11 SLOT 11	BACK CARD # 11
J2	PORTS 89 - 96	CARD 12	AIO-BC-8-SCSI S12 SLOT 12	BACK CARD # 12
J2	PORTS 97 - 104	CARD 13	AIO-BC-8-SCSI S13 SLOT 13	BACK CARD # 13
J2	PORTS 105 - 112	CARD 14	AIO-BC-8-SCSI S14 SLOT 14	BACK CARD # 14
J2	PORTS 113 - 120	CARD 15	AIO-BC-8-SCSI S15 SLOT 15	BACK CARD # 15
J2	PORTS 121 - 128	CARD 16	AIO-BC-8-SCSI S16 SLOT 16	BACK CARD # 16

ADAM FRAME # 2				
J2	PORTS 129 - 136	CARD 17	AIO-BC-8-SCSI S17 SLOT 1	BACK CARD # 1
J2	PORTS 137 - 144	CARD 18	AIO-BC-8-SCSI S18 SLOT 2	BACK CARD # 2
J2	PORTS 145 - 152	CARD 19	AIO-BC-8-SCSI S19 SLOT 3	BACK CARD # 3
J2	PORTS 153 - 160	CARD 20	AIO-BC-8-SCSI S20 SLOT 4	BACK CARD # 4
J2	PORTS 161 - 168	CARD 21	AIO-BC-8-SCSI S21 SLOT 5	BACK CARD # 5
J2	PORTS 169 - 176	CARD 22	AIO-BC-8-SCSI S22 SLOT 6	BACK CARD # 6
J2	PORTS 177 - 184	CARD 23	AIO-BC-8-SCSI S23 SLOT 7	BACK CARD # 7
J2	PORTS 185 - 192	CARD 24	AIO-BC-8-SCSI S24 SLOT 8	BACK CARD # 8
J2	PORTS 193 - 200	CARD 25	AIO-BC-8-SCSI S25 SLOT 9	BACK CARD # 9
J2	PORTS 201 - 208	CARD 26	AIO-BC-8-SCSI S26 SLOT 10	BACK CARD # 10
J2	PORTS 209 - 216	CARD 27	AIO-BC-8-SCSI S27 SLOT 11	BACK CARD # 11
J2	PORTS 217 - 224	CARD 28	AIO-BC-8-SCSI S28 SLOT 12	BACK CARD # 12
J2	PORTS 225 - 232	CARD 29	AIO-BC-8-SCSI S29 SLOT 13	BACK CARD # 13
J2	PORTS 233 - 240	CARD 30	AIO-BC-8-SCSI S30 SLOT 14	BACK CARD # 14
J2	PORTS 241 - 248	CARD 31	AIO-BC-8-SCSI S31 SLOT 15	BACK CARD # 15
J2	PORTS 249 - 256	CARD 32	AIO-BC-8-SCSI S32 SLOT 16	BACK CARD # 16

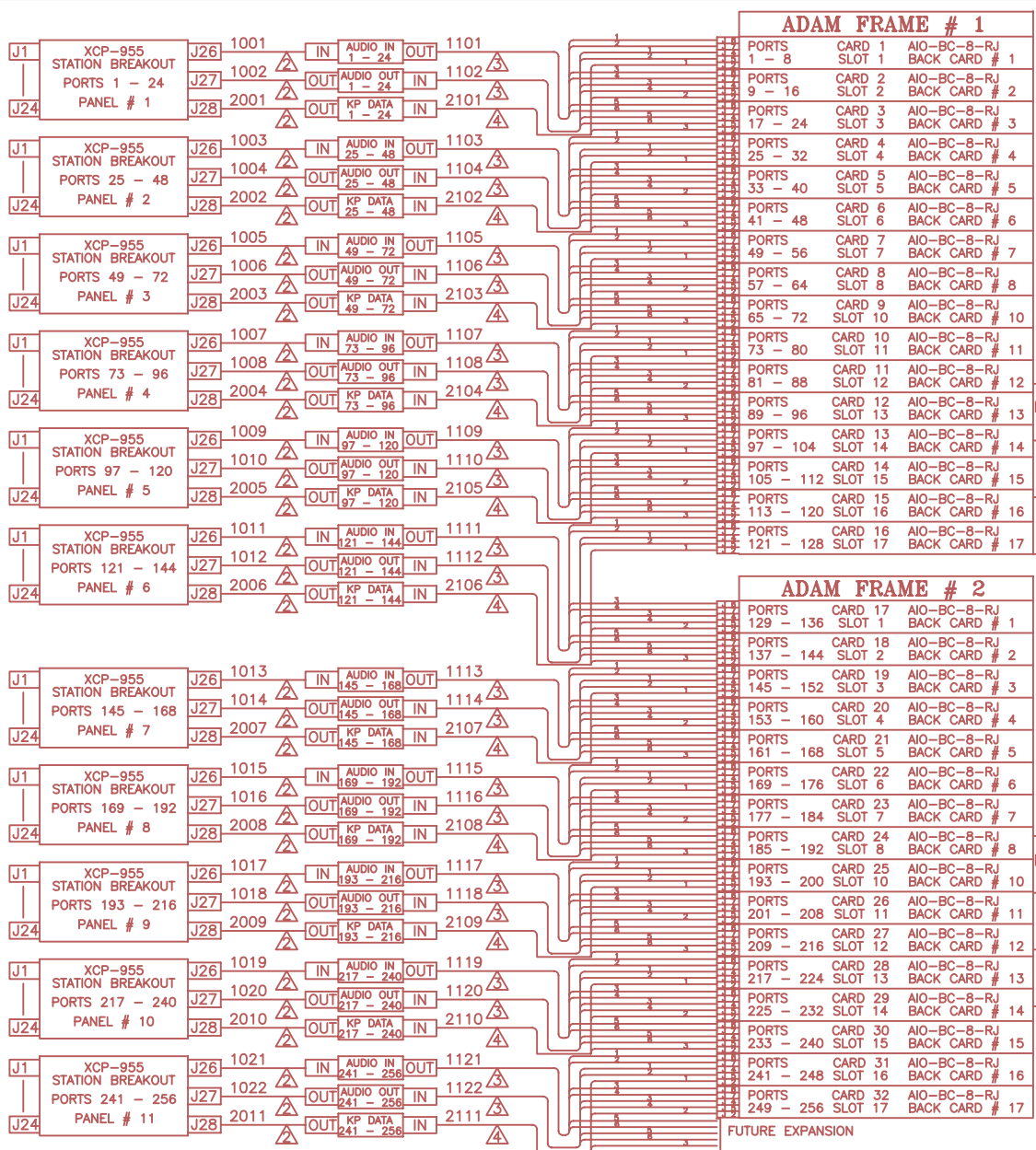
J1	XCP-955 STATION BREAKOUT PORTS 145 - 168 PANEL # 7	J26	1013	IN	AUDIO IN 145 - 168	OUT	1113	J1	XCP-955 STATION BREAKOUT PORTS 169 - 192 PANEL # 8	J26	1015	IN	AUDIO IN 169 - 192	OUT	1115	J1	XCP-955 STATION BREAKOUT PORTS 193 - 216 PANEL # 9	J26	1017	IN	AUDIO IN 193 - 216	OUT	1117	J1	XCP-955 STATION BREAKOUT PORTS 217 - 240 PANEL # 10	J26	1019	IN	AUDIO IN 217 - 240	OUT	1119	J1	XCP-955 STATION BREAKOUT PORTS 241 - 256 PANEL # 11	J26	1021	IN	AUDIO IN 241 - 256	OUT	1121
J24		J27	1014	OUT	AUDIO OUT 145 - 168	IN	1114	J24		J27	1016	OUT	AUDIO OUT 169 - 192	IN	1116	J24		J27	1018	OUT	AUDIO OUT 193 - 216	IN	1118	J24		J27	1020	OUT	AUDIO OUT 217 - 240	IN	1120	J24		J27	1022	OUT	AUDIO OUT 241 - 256	IN	1122
J24		J28	2007	OUT	KP DATA 145 - 168	IN	2107	J24		J28	2008	OUT	KP DATA 169 - 192	IN	2108	J24		J28	2009	OUT	KP DATA 193 - 216	IN	2109	J24		J28	2010	OUT	KP DATA 217 - 240	IN	2110	J24		J28	2011	OUT	KP DATA 241 - 256	IN	2111

- CABLE LEGENDS:
- ① DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)
 - ② DENOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)
 - ③ DENOTES RJ45 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-803 (REV. C)
 - ④ DENOTES RJ11 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-804 (REV. C)
 - ⑤ DENOTES DE9P TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-805 (REV. C)
 - ⑥ DENOTES 68 PINS SCSI-2 CABLE SEE DRAWING : ADAM-806 (REV. C)
 - ⑦ DENOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)
 - ⑧ DENOTES RS485, RS422 CABLE SEE DRAWING : ADAM-808 (REV. C)
 - ⑨ DENOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)
 - ⑩ DENOTES RG59 COAXIAL CABLE SEE DRAWING : ADAM-810 (REV. C)



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING DIMENSIONS DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES FEEDS		CONTRACT NO.	REVISIONS	
MATERIAL		APPROVALS	DATE	DESCRIPTION
NEXT ASSY USED ON		W. YAU	1 NOV 96	
FINISH		CHECKED	W. YAU	1 NOV 96
APPLICATION		ISSUED		
		ADAM113C		
		SCALE		

RTS SYSTEMS		BURBANK, CALIFORNIA, USA	
ADAM INTERCOM SYSTEM 256 X 256 XCP955 / JACKFIELD / XCP-24 INTERCONNECT DIAGRAM			
SIZE	FSCM NO.	DWG NO.	REV
D		ADAM-113	C
SHEET			



ADAM FRAME # 1

PORTS 1 - 8	CARD 1	AIO-BC-8-RJ	BACK CARD # 1
PORTS 9 - 16	CARD 2	AIO-BC-8-RJ	BACK CARD # 2
PORTS 17 - 24	CARD 3	AIO-BC-8-RJ	BACK CARD # 3
PORTS 25 - 32	CARD 4	AIO-BC-8-RJ	BACK CARD # 4
PORTS 33 - 40	CARD 5	AIO-BC-8-RJ	BACK CARD # 5
PORTS 41 - 48	CARD 6	AIO-BC-8-RJ	BACK CARD # 6
PORTS 49 - 56	CARD 7	AIO-BC-8-RJ	BACK CARD # 7
PORTS 57 - 64	CARD 8	AIO-BC-8-RJ	BACK CARD # 8
PORTS 65 - 72	CARD 9	AIO-BC-8-RJ	BACK CARD # 10
PORTS 73 - 80	CARD 10	AIO-BC-8-RJ	BACK CARD # 11
PORTS 81 - 88	CARD 11	AIO-BC-8-RJ	BACK CARD # 12
PORTS 89 - 96	CARD 12	AIO-BC-8-RJ	BACK CARD # 13
PORTS 97 - 104	CARD 13	AIO-BC-8-RJ	BACK CARD # 14
PORTS 105 - 112	CARD 14	AIO-BC-8-RJ	BACK CARD # 15
PORTS 113 - 120	CARD 15	AIO-BC-8-RJ	BACK CARD # 16
PORTS 121 - 128	CARD 16	AIO-BC-8-RJ	BACK CARD # 17

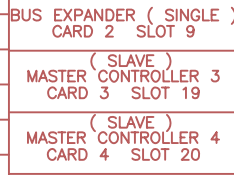
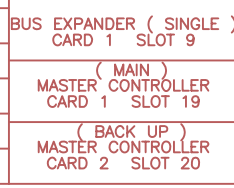
ADAM FRAME # 2

PORTS 129 - 136	CARD 17	AIO-BC-8-RJ	BACK CARD # 1
PORTS 137 - 144	CARD 18	AIO-BC-8-RJ	BACK CARD # 2
PORTS 145 - 152	CARD 19	AIO-BC-8-RJ	BACK CARD # 3
PORTS 153 - 160	CARD 20	AIO-BC-8-RJ	BACK CARD # 4
PORTS 161 - 168	CARD 21	AIO-BC-8-RJ	BACK CARD # 5
PORTS 169 - 176	CARD 22	AIO-BC-8-RJ	BACK CARD # 6
PORTS 177 - 184	CARD 23	AIO-BC-8-RJ	BACK CARD # 7
PORTS 185 - 192	CARD 24	AIO-BC-8-RJ	BACK CARD # 8
PORTS 193 - 200	CARD 25	AIO-BC-8-RJ	BACK CARD # 10
PORTS 201 - 208	CARD 26	AIO-BC-8-RJ	BACK CARD # 11
PORTS 209 - 216	CARD 27	AIO-BC-8-RJ	BACK CARD # 12
PORTS 217 - 224	CARD 28	AIO-BC-8-RJ	BACK CARD # 13
PORTS 225 - 232	CARD 29	AIO-BC-8-RJ	BACK CARD # 14
PORTS 233 - 240	CARD 30	AIO-BC-8-RJ	BACK CARD # 15
PORTS 241 - 248	CARD 31	AIO-BC-8-RJ	BACK CARD # 16
PORTS 249 - 256	CARD 32	AIO-BC-8-RJ	BACK CARD # 17

FUTURE EXPANSION

CABLE LEGENDS:

- ① DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)
- ② DENOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)
- ③ DENOTES RJ45 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-803 (REV. C)
- ④ DENOTES RJ11 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-804 (REV. C)
- ⑤ DENOTES DE9P TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-805 (REV. C)
- ⑥ DENOTES 68 PINS SCSI-2 CABLE SEE DRAWING : ADAM-806 (REV. C)
- ⑦ DENOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)
- ⑧ DENOTES RS485, RS422 CABLE SEE DRAWING : ADAM-808 (REV. C)
- ⑨ DENOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)
- ⑩ DENOTES RG59 COAXIAL CABLE SEE DRAWING : ADAM-810 (REV. C)



ZONE	REV	DESCRIPTION	DATE	APPROVED



P.C.



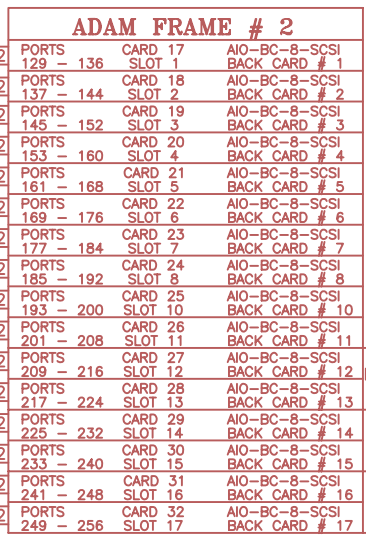
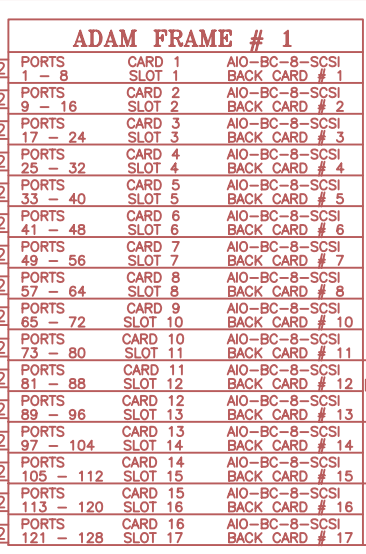
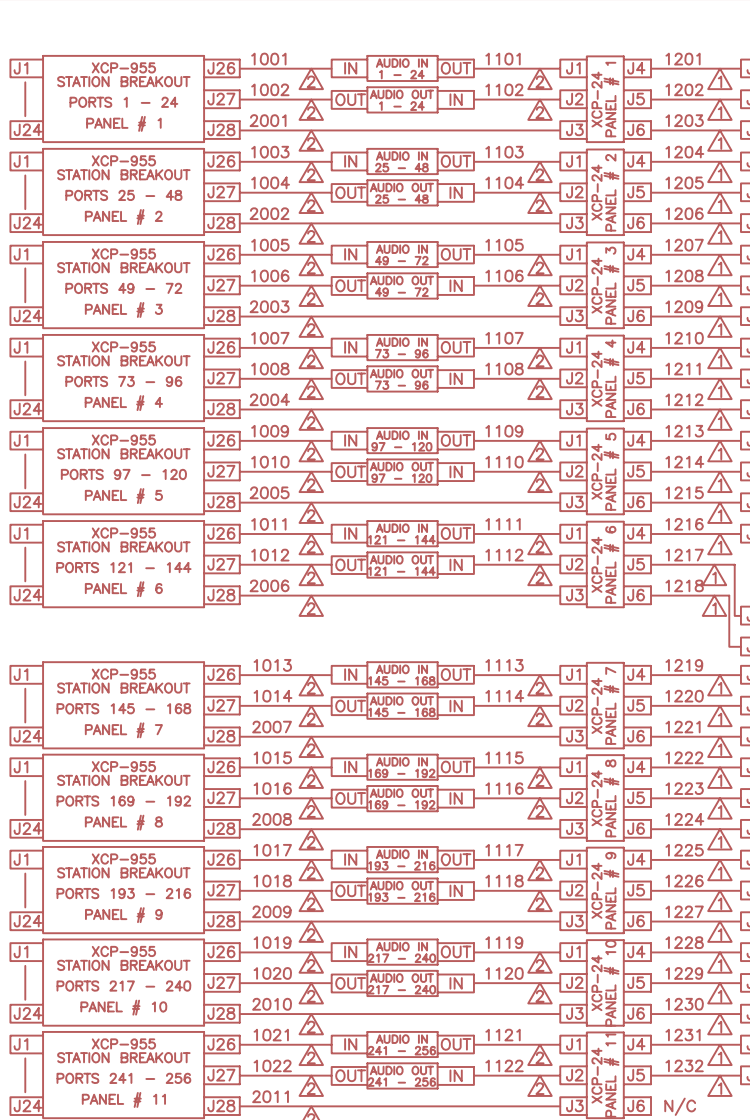
UNLESS OTHERWISE SPECIFIED
 REQUIRE ALL WELDS & BRIST SWAMP JOBS
 WELDING SHALL BE PERFORMED BY
 WELDER CERTIFIED TO AWS
 QUALIFICATION FOR THE
 POSITION AND SHALL BE IN ACCORDANCE
 WITH THE
 WELDER
 QUALIFICATION
 PROGRAM
 WJ/18 J. P. 2000 25 P.000
 J00P/010

CONTRACT NO.	
APPROVALS	DATE
DRAWN W. YAU	1 NOV 96
CHECKED W. YAU	1 NOV 96
ISSUED	

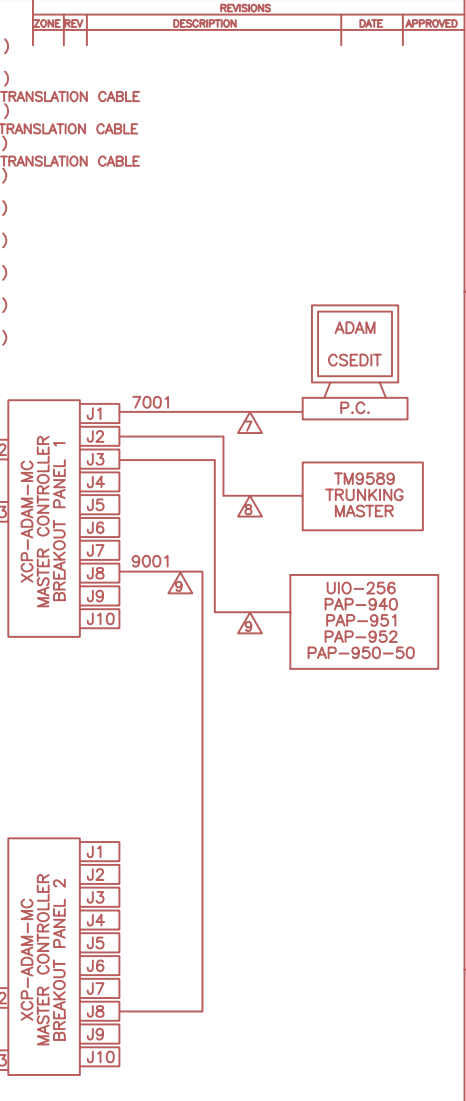
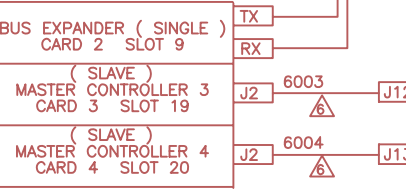
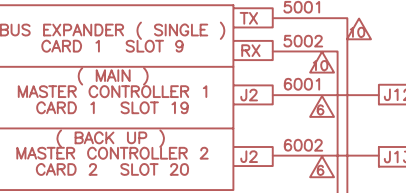
RTS SYSTEMS BURBANK, CALIFORNIA, USA			
ADAM INTERCOM SYSTEM 256 X 256 XCP955 / JACKFIELD / RJ INTERCONNECT DIAGRAM			
SIZE	FSCM NO.	DWG NO.	REV
D		ADAM-114	C

NEXT ASSY	USED ON	FINISH
APPLICATION		

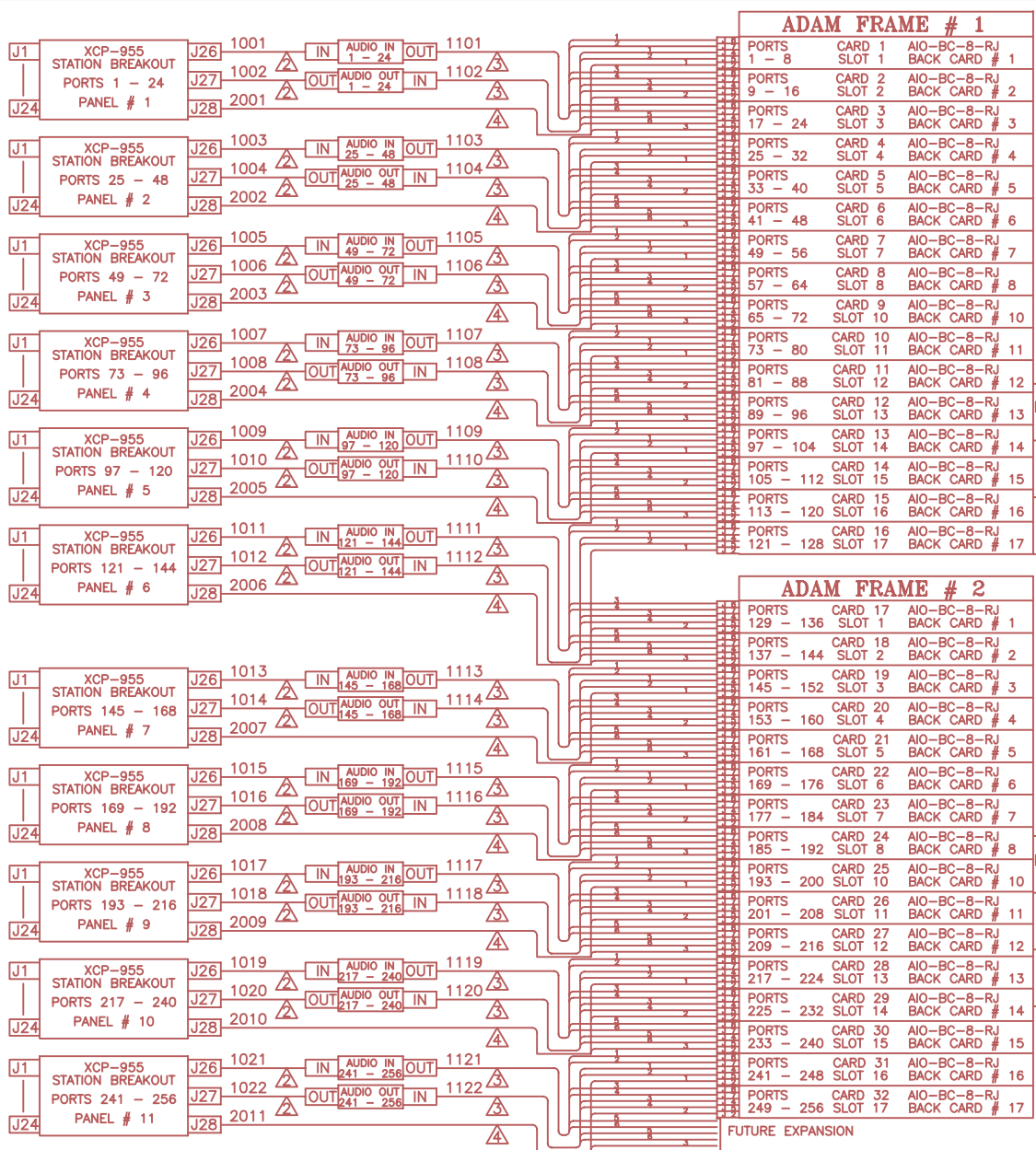
ADAM114C	SCALE	SHEET
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- #### CABLE LEGENDS:
- ① DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)
 - ② DENOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)
 - ③ DENOTES RJ45 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-803 (REV. C)
 - ④ DENOTES RJ11 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-804 (REV. C)
 - ⑤ DENOTES DE9P TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-805 (REV. C)
 - ⑥ DENOTES 68 PINS SCSI-2 CABLE SEE DRAWING : ADAM-806 (REV. C)
 - ⑦ DENOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)
 - ⑧ DENOTES RS485, RS422 CABLE SEE DRAWING : ADAM-808 (REV. C)
 - ⑨ DENOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)
 - ⑩ DENOTES RG59 COAXIAL CABLE SEE DRAWING : ADAM-810 (REV. C)

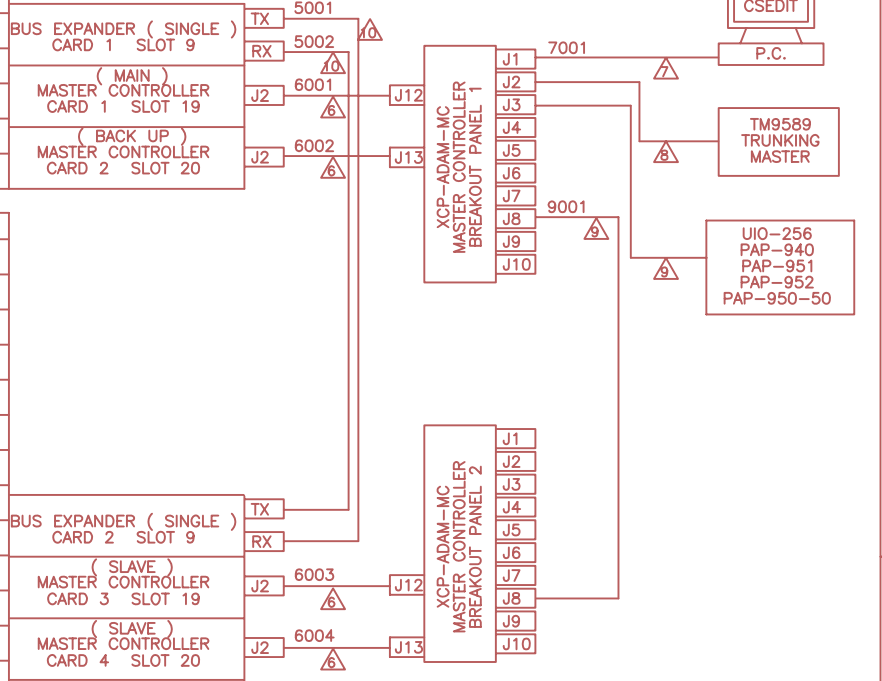


UNLESS OTHERWISE SPECIFIED INCLUDE ALL BOLTS & BRIST SWAP BOLTS MATERIAL SPECIFICATIONS: 316, 304, 304L, 316L, 316Ti OTHER BOLTS: A193, B193, C193, D193, E193, F193, G193, H193, J193, K193, L193, M193, N193, P193, Q193, R193, S193, T193, U193, V193, W193, X193, Y193, Z193 TOLERANCES AND DIMENSIONS: UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES FINISH: UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES		CONTRACT NO.	RTS SYSTEMS BURBANK, CALIFORNIA, USA	
APPROVALS	DATE	ADAM INTERCOM SYSTEM 256 X 256 XCP955 / JACKFIELD / SCSI INTERCONNECT DIAGRAM		
DRAWN	W. YAU	1 NOV 96	SIZE: FSCM NO. DWG NO. ADAM-115 REV. C	
CHECKED	W. YAU	1 NOV 96	SCALE: SHEET	
ISSUED				
MATERIAL				
NEXT ASSY	USED ON	FINISH		
APPLICATION			ADAM115C	

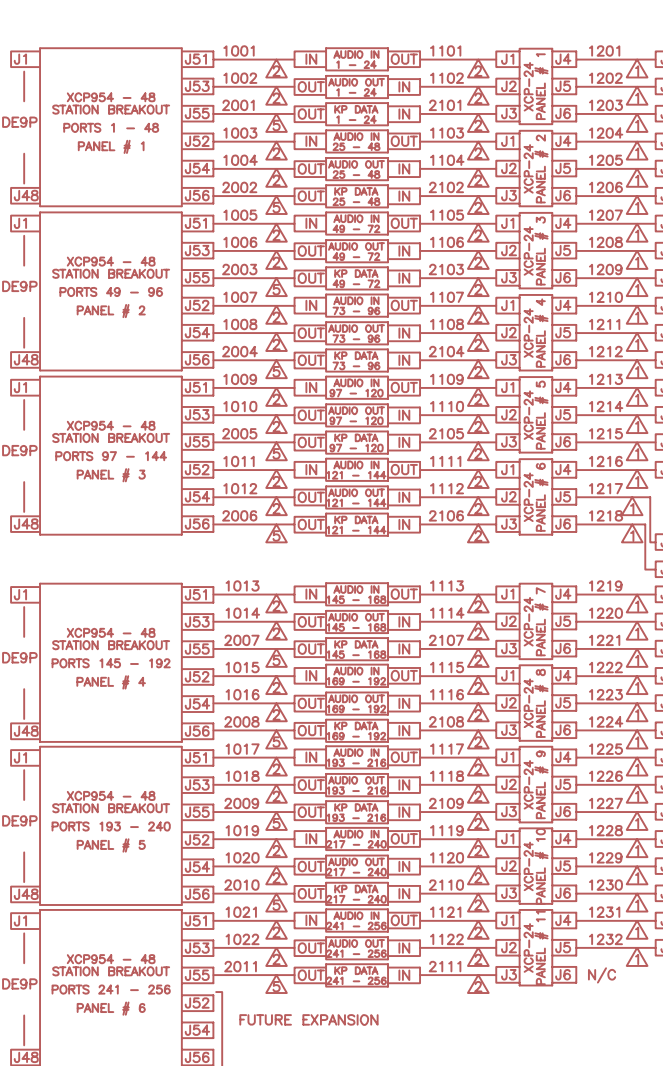


- CABLE LEGENDS:**
- ① DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)
 - ② DENOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)
 - ③ DENOTES RJ45 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-803 (REV. C)
 - ④ DENOTES RJ11 TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-804 (REV. C)
 - ⑤ DENOTES DE9P TO 25 PAIRS TELCO, TRANSLATION CABLE SEE DRAWING : ADAM-805 (REV. C)
 - ⑥ DENOTES 68 PINS SCSI-2 CABLE SEE DRAWING : ADAM-806 (REV. C)
 - ⑦ DENOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)
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 - ⑨ DENOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)
 - ⑩ DENOTES RG59 COAXIAL CABLE SEE DRAWING : ADAM-810 (REV. C)

ZONE REV		DESCRIPTION	DATE	APPROVED



UNLESS OTHERWISE SPECIFIED REQUIRE ALL WIRING TO BE SHOWN EXCEPT FOR THE FOLLOWING:		CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA			
WIRING SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL FIRE ALARM AND SIGNAL ASSOCIATION (NFPA) 70B, 70C, 70D, 70E, 70F, 70G, 70H, 70I, 70J, 70K, 70L, 70M, 70N, 70O, 70P, 70Q, 70R, 70S, 70T, 70U, 70V, 70W, 70X, 70Y, 70Z, 70AA, 70AB, 70AC, 70AD, 70AE, 70AF, 70AG, 70AH, 70AI, 70AJ, 70AK, 70AL, 70AM, 70AN, 70AO, 70AP, 70AQ, 70AR, 70AS, 70AT, 70AU, 70AV, 70AW, 70AX, 70AY, 70AZ, 70BA, 70BB, 70BC, 70BD, 70BE, 70BF, 70BG, 70BH, 70BI, 70BJ, 70BK, 70BL, 70BM, 70BN, 70BO, 70BP, 70BQ, 70BR, 70BS, 70BT, 70BU, 70BV, 70BW, 70BX, 70BY, 70BZ, 70CA, 70CB, 70CC, 70CD, 70CE, 70CF, 70CG, 70CH, 70CI, 70CJ, 70CK, 70CL, 70CM, 70CN, 70CO, 70CP, 70CQ, 70CR, 70CS, 70CT, 70CU, 70CV, 70CW, 70CX, 70CY, 70CZ, 70DA, 70DB, 70DC, 70DD, 70DE, 70DF, 70DG, 70DH, 70DI, 70DJ, 70DK, 70DL, 70DM, 70DN, 70DO, 70DP, 70DQ, 70DR, 70DS, 70DT, 70DU, 70DV, 70DW, 70DX, 70DY, 70DZ, 70EA, 70EB, 70EC, 70ED, 70EE, 70EF, 70EG, 70EH, 70EI, 70EJ, 70EK, 70EL, 70EM, 70EN, 70EO, 70EP, 70EQ, 70ER, 70ES, 70ET, 70EU, 70EV, 70EW, 70EX, 70EY, 70EZ, 70FA, 70FB, 70FC, 70FD, 70FE, 70FF, 70FG, 70FH, 70FI, 70FJ, 70FK, 70FL, 70FM, 70FN, 70FO, 70FP, 70FQ, 70FR, 70FS, 70FT, 70FU, 70FV, 70FW, 70FX, 70FY, 70FZ, 70GA, 70GB, 70GC, 70GD, 70GE, 70GF, 70GG, 70GH, 70GI, 70GJ, 70GK, 70GL, 70GM, 70GN, 70GO, 70GP, 70GQ, 70GR, 70GS, 70GT, 70GU, 70GV, 70GW, 70GX, 70GY, 70GZ, 70HA, 70HB, 70HC, 70HD, 70HE, 70HF, 70HG, 70HH, 70HI, 70HJ, 70HK, 70HL, 70HM, 70HN, 70HO, 70HP, 70HQ, 70HR, 70HS, 70HT, 70HU, 70HV, 70HW, 70HX, 70HY, 70HZ, 70IA, 70IB, 70IC, 70ID, 70IE, 70IF, 70IG, 70IH, 70II, 70IJ, 70IK, 70IL, 70IM, 70IN, 70IO, 70IP, 70IQ, 70IR, 70IS, 70IT, 70IU, 70IV, 70IW, 70IX, 70IY, 70IZ, 70JA, 70JB, 70JC, 70JD, 70JE, 70JF, 70JG, 70JH, 70JI, 70JJ, 70JK, 70JL, 70JM, 70JN, 70JO, 70JP, 70JQ, 70JR, 70JS, 70JT, 70JU, 70JV, 70JW, 70JX, 70JY, 70JZ, 70KA, 70KB, 70KC, 70KD, 70KE, 70KF, 70KG, 70KH, 70KI, 70KJ, 70KK, 70KL, 70KM, 70KN, 70KO, 70KP, 70KQ, 70KR, 70KS, 70KT, 70KU, 70KV, 70KW, 70KX, 70KY, 70KZ, 70LA, 70LB, 70LC, 70LD, 70LE, 70LF, 70LG, 70LH, 70LI, 70LJ, 70LK, 70LL, 70LM, 70LN, 70LO, 70LP, 70LQ, 70LR, 70LS, 70LT, 70LU, 70LV, 70LW, 70LX, 70LY, 70LZ, 70MA, 70MB, 70MC, 70MD, 70ME, 70MF, 70MG, 70MH, 70MI, 70MJ, 70MK, 70ML, 70MN, 70MO, 70MP, 70MQ, 70MR, 70MS, 70MT, 70MU, 70MV, 70MW, 70MX, 70MY, 70MZ, 70NA, 70NB, 70NC, 70ND, 70NE, 70NF, 70NG, 70NH, 70NI, 70NJ, 70NK, 70NL, 70NM, 70NO, 70NP, 70NQ, 70NR, 70NS, 70NT, 70NU, 70NV, 70NW, 70NX, 70NY, 70NZ, 70OA, 70OB, 70OC, 70OD, 70OE, 70OF, 70OG, 70OH, 70OI, 70OJ, 70OK, 70OL, 70OM, 70ON, 70OO, 70OP, 70OQ, 70OR, 70OS, 70OT, 70OU, 70OV, 70OW, 70OX, 70OY, 70OZ, 70PA, 70PB, 70PC, 70PD, 70PE, 70PF, 70PG, 70PH, 70PI, 70PJ, 70PK, 70PL, 70PM, 70PN, 70PO, 70PP, 70PQ, 70PR, 70PS, 70PT, 70PU, 70PV, 70PW, 70PX, 70PY, 70PZ, 70QA, 70QB, 70QC, 70QD, 70QE, 70QF, 70QG, 70QH, 70QI, 70QJ, 70QK, 70QL, 70QM, 70QN, 70QO, 70QP, 70QQ, 70QR, 70QS, 70QT, 70QU, 70QV, 70QW, 70QX, 70QY, 70QZ, 70RA, 70RB, 70RC, 70RD, 70RE, 70RF, 70RG, 70RH, 70RI, 70RJ, 70RK, 70RL, 70RM, 70RN, 70RO, 70RP, 70RQ, 70RR, 70RS, 70RT, 70RU, 70RV, 70RW, 70RX, 70RY, 70RZ, 70SA, 70SB, 70SC, 70SD, 70SE, 70SF, 70SG, 70SH, 70SI, 70SJ, 70SK, 70SL, 70SM, 70SN, 70SO, 70SP, 70SQ, 70SR, 70SS, 70ST, 70SU, 70SV, 70SW, 70SX, 70SY, 70SZ, 70TA, 70TB, 70TC, 70TD, 70TE, 70TF, 70TG, 70TH, 70TI, 70TJ, 70TK, 70TL, 70TM, 70TN, 70TO, 70TP, 70TQ, 70TR, 70TS, 70TT, 70TU, 70TV, 70TW, 70TX, 70TY, 70TZ, 70UA, 70UB, 70UC, 70UD, 70UE, 70UF, 70UG, 70UH, 70UI, 70UJ, 70UK, 70UL, 70UM, 70UN, 70UO, 70UP, 70UQ, 70UR, 70US, 70UT, 70UU, 70UV, 70UW, 70UX, 70UY, 70UZ, 70VA, 70VB, 70VC, 70VD, 70VE, 70VF, 70VG, 70VH, 70VI, 70VJ, 70VK, 70VL, 70VM, 70VN, 70VO, 70VP, 70VQ, 70VR, 70VS, 70VT, 70VU, 70VV, 70VW, 70VX, 70VY, 70VZ, 70WA, 70WB, 70WC, 70WD, 70WE, 70WF, 70WG, 70WH, 70WI, 70WJ, 70WK, 70WL, 70WM, 70WN, 70WO, 70WP, 70WQ, 70WR, 70WS, 70WT, 70WU, 70WV, 70WW, 70WX, 70WY, 70WZ, 70XA, 70XB, 70XC, 70XD, 70XE, 70XF, 70XG, 70XH, 70XI, 70XJ, 70XK, 70XL, 70XM, 70XN, 70XO, 70XP, 70XQ, 70XR, 70XS, 70XT, 70XU, 70XV, 70XW, 70XX, 70XY, 70XZ, 70YA, 70YB, 70YC, 70YD, 70YE, 70YF, 70YG, 70YH, 70YI, 70YJ, 70YK, 70YL, 70YM, 70YN, 70YO, 70YP, 70YQ, 70YR, 70YS, 70YT, 70YU, 70YV, 70YW, 70YX, 70YY, 70YZ, 70ZA, 70ZB, 70ZC, 70ZD, 70ZE, 70ZF, 70ZG, 70ZH, 70ZI, 70ZJ, 70ZK, 70ZL, 70ZM, 70ZN, 70ZO, 70ZP, 70ZQ, 70ZR, 70ZS, 70ZT, 70ZU, 70ZV, 70ZW, 70ZX, 70ZY, 70ZZ	APPROVALS	DATE	ADAM INTERCOM SYSTEM 256 X 256 XCP955 / JACKFIELD / RJ INTERCONNECT DIAGRAM	SIZE	FSCM NO.	DWG NO.	REV
DRAWN	W. YAU	1 NOV 96	ADAM-116	SCALE			
CHECKED	W. YAU	1 NOV 96	ADAM116C				
ISSUED							
MATERIAL							
NEXT ASSY	USED ON	FINISH	APPLICATION				

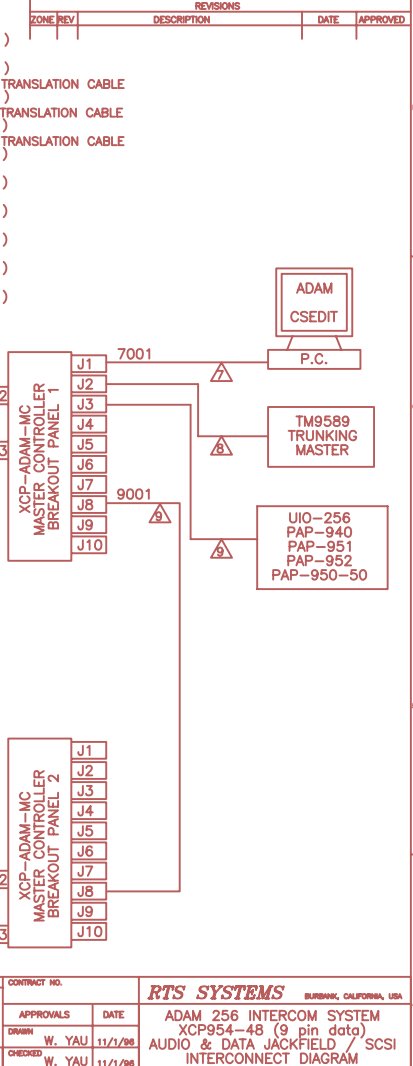
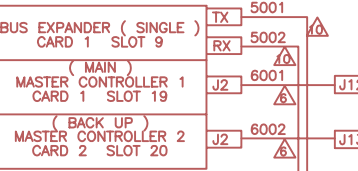


ADAM FRAME # 1			
PORTS 1 - 8	CARD 1	AIO-BC-8-SCSI	BACK CARD # 1
PORTS 9 - 16	CARD 2	AIO-BC-8-SCSI	BACK CARD # 2
PORTS 17 - 24	CARD 3	AIO-BC-8-SCSI	BACK CARD # 3
PORTS 25 - 32	CARD 4	AIO-BC-8-SCSI	BACK CARD # 4
PORTS 33 - 40	CARD 5	AIO-BC-8-SCSI	BACK CARD # 5
PORTS 41 - 48	CARD 6	AIO-BC-8-SCSI	BACK CARD # 6
PORTS 49 - 56	CARD 7	AIO-BC-8-SCSI	BACK CARD # 7
PORTS 57 - 64	CARD 8	AIO-BC-8-SCSI	BACK CARD # 8
PORTS 65 - 72	CARD 9	AIO-BC-8-SCSI	BACK CARD # 9
PORTS 73 - 80	CARD 10	AIO-BC-8-SCSI	BACK CARD # 10
PORTS 81 - 88	CARD 11	AIO-BC-8-SCSI	BACK CARD # 11
PORTS 89 - 96	CARD 12	AIO-BC-8-SCSI	BACK CARD # 12
PORTS 97 - 104	CARD 13	AIO-BC-8-SCSI	BACK CARD # 13
PORTS 105 - 112	CARD 14	AIO-BC-8-SCSI	BACK CARD # 14
PORTS 113 - 120	CARD 15	AIO-BC-8-SCSI	BACK CARD # 15
PORTS 121 - 128	CARD 16	AIO-BC-8-SCSI	BACK CARD # 16

ADAM FRAME # 2			
PORTS 129 - 136	CARD 17	AIO-BC-8-SCSI	BACK CARD # 1
PORTS 137 - 144	CARD 18	AIO-BC-8-SCSI	BACK CARD # 2
PORTS 145 - 152	CARD 19	AIO-BC-8-SCSI	BACK CARD # 3
PORTS 153 - 160	CARD 20	AIO-BC-8-SCSI	BACK CARD # 4
PORTS 161 - 168	CARD 21	AIO-BC-8-SCSI	BACK CARD # 5
PORTS 169 - 176	CARD 22	AIO-BC-8-SCSI	BACK CARD # 6
PORTS 177 - 184	CARD 23	AIO-BC-8-SCSI	BACK CARD # 7
PORTS 185 - 192	CARD 24	AIO-BC-8-SCSI	BACK CARD # 8
PORTS 193 - 200	CARD 25	AIO-BC-8-SCSI	BACK CARD # 9
PORTS 201 - 208	CARD 26	AIO-BC-8-SCSI	BACK CARD # 10
PORTS 209 - 216	CARD 27	AIO-BC-8-SCSI	BACK CARD # 11
PORTS 217 - 224	CARD 28	AIO-BC-8-SCSI	BACK CARD # 12
PORTS 225 - 232	CARD 29	AIO-BC-8-SCSI	BACK CARD # 13
PORTS 233 - 240	CARD 30	AIO-BC-8-SCSI	BACK CARD # 14
PORTS 241 - 248	CARD 31	AIO-BC-8-SCSI	BACK CARD # 15
PORTS 249 - 256	CARD 32	AIO-BC-8-SCSI	BACK CARD # 16

CABLE LEGENDS:

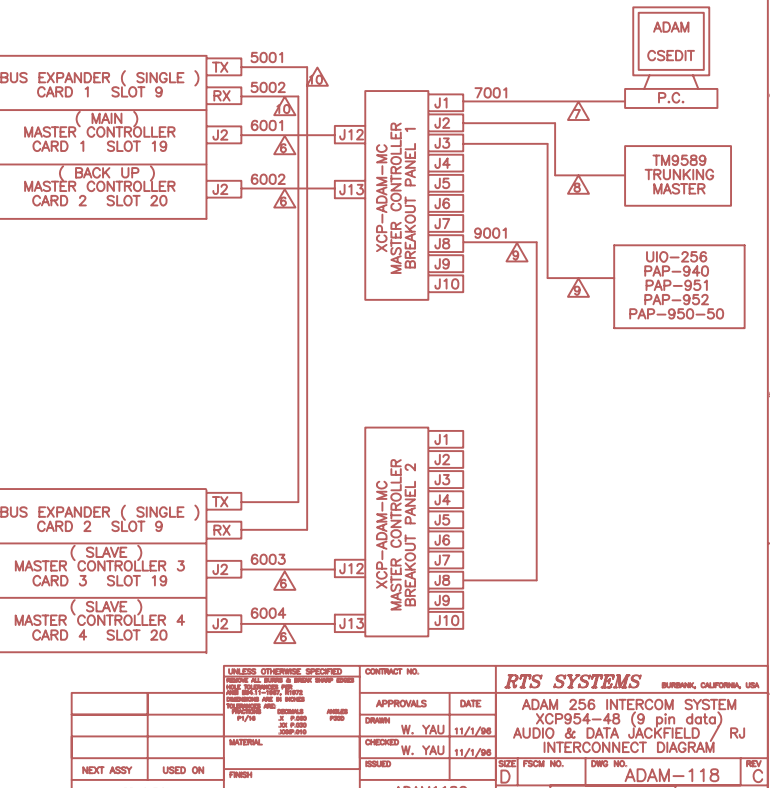
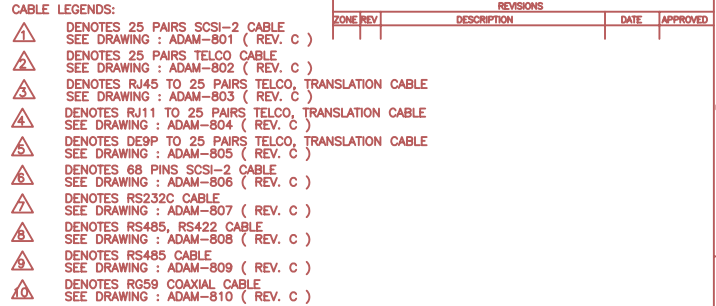
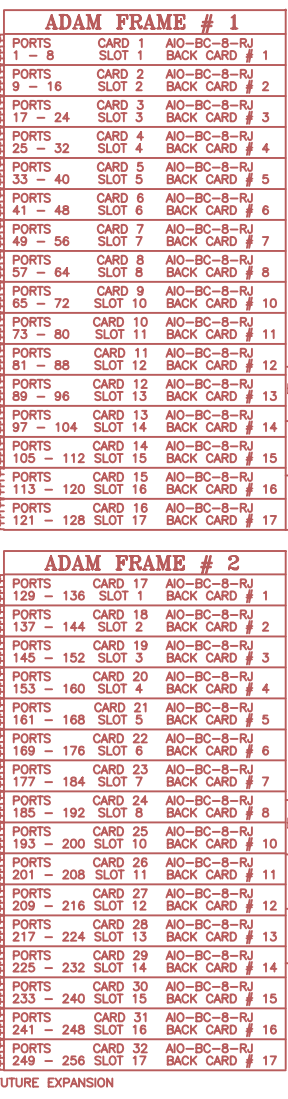
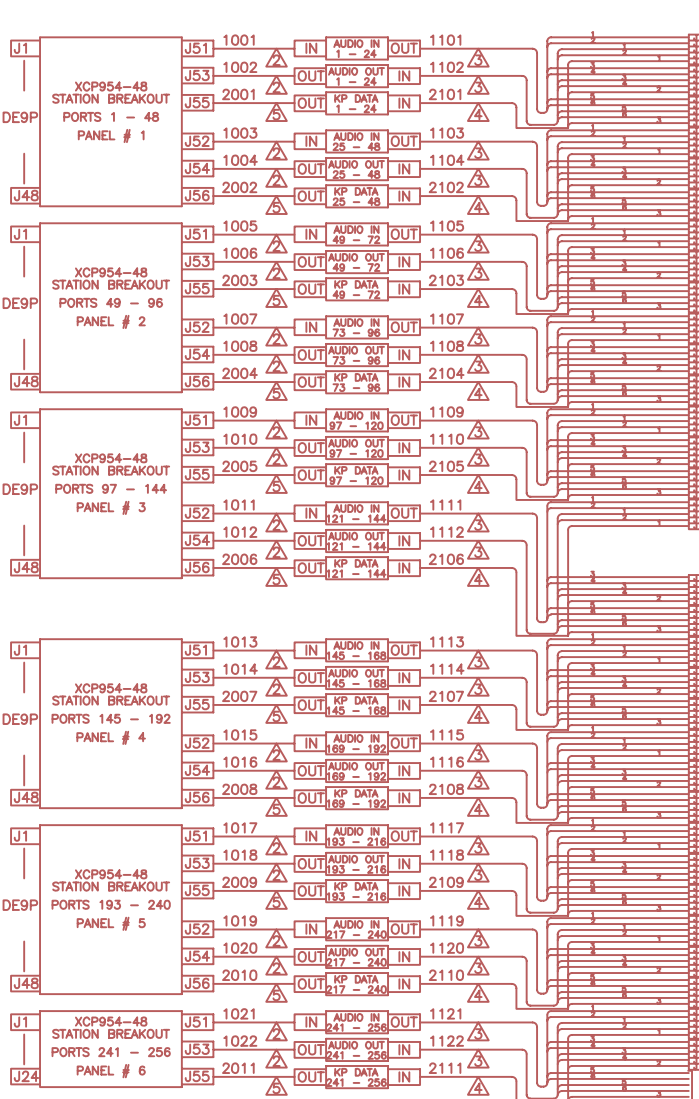
- △ DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)
- △ DENOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)
- △ DENOTES RJ45 TO 25 PAIRS TELCO. TRANSLATION CABLE SEE DRAWING : ADAM-803 (REV. C)
- △ DENOTES RJ11 TO 25 PAIRS TELCO. TRANSLATION CABLE SEE DRAWING : ADAM-804 (REV. C)
- △ DENOTES DE9P TO 25 PAIRS TELCO. TRANSLATION CABLE SEE DRAWING : ADAM-805 (REV. C)
- △ DENOTES 68 PINS SCSI-2 CABLE SEE DRAWING : ADAM-806 (REV. C)
- △ DENOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)
- △ DENOTES RS485, RS422 CABLE SEE DRAWING : ADAM-808 (REV. C)
- △ DENOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)
- △ DENOTES RG59 COAXIAL CABLE SEE DRAWING : ADAM-810 (REV. C)



FUTURE EXPANSION

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING DIMENSIONS DIMENSIONS ARE IN INCHES DIMENSIONS ARE IN MILLIMETERS	CONTRACT NO.
APPROVALS	DATE
DRAWN W. YAU	11/12/98
CHECKED W. YAU	11/12/98
ISSUED	
MATERIAL	
NEXT ASSY	USED ON
APPLICATION	

RTS SYSTEMS		BURBANK, CALIFORNIA, USA
ADAM 256 INTERCOM SYSTEM XCP954-48 (9 pin data) AUDIO & DATA JACKFIELD / SCSI INTERCONNECTION DIAGRAM		
DATE	DWG NO.	REV
11/12/98	ADAM-117	
SCALE	SHEET	
ADAM117C		



UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES AND DECIMALS THEREOF
 TOLERANCES ARE: FRACTIONS DECIMALS ANGLES
 FRACTIONS: 1/16 3/32 1/8 1/4 3/8 1/2 5/8 3/4 7/8 1
 DECIMALS: .015 .030 .060 .125 .250 .500 .750 1.000
 ANGLES: 30° 45° 60° 90° 120° 135° 150° 180°

CONTRACT NO. _____

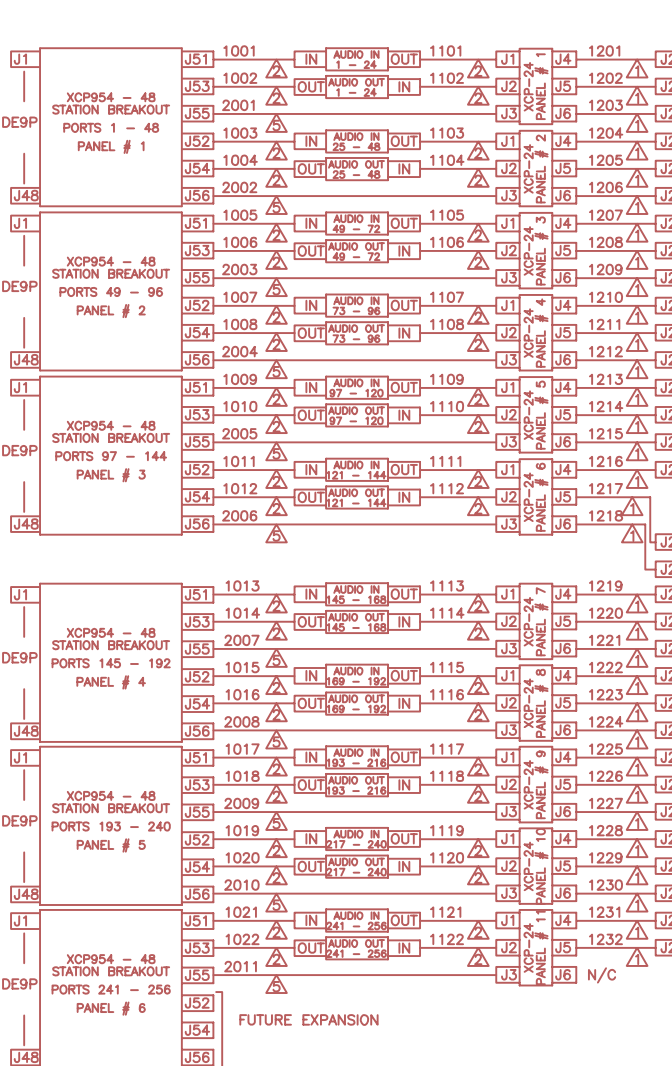
APPROVALS	DATE
DRAWN W. YAU	11/1/98
CHECKED W. YAU	11/1/98
ISSUED	

SCALE: **D** SIZE: FSCSI NO. _____ DWG NO. **ADAM-118** REV. _____

APPLICATION: _____ SHEET _____

RTS SYSTEMS BUREAU, CALIFORNIA, USA

ADAM 256 INTERCOM SYSTEM
 XCP954-48 (9 pin data) RJ
 AUDIO & DATA JACKFIELD INTERCONNECT DIAGRAM

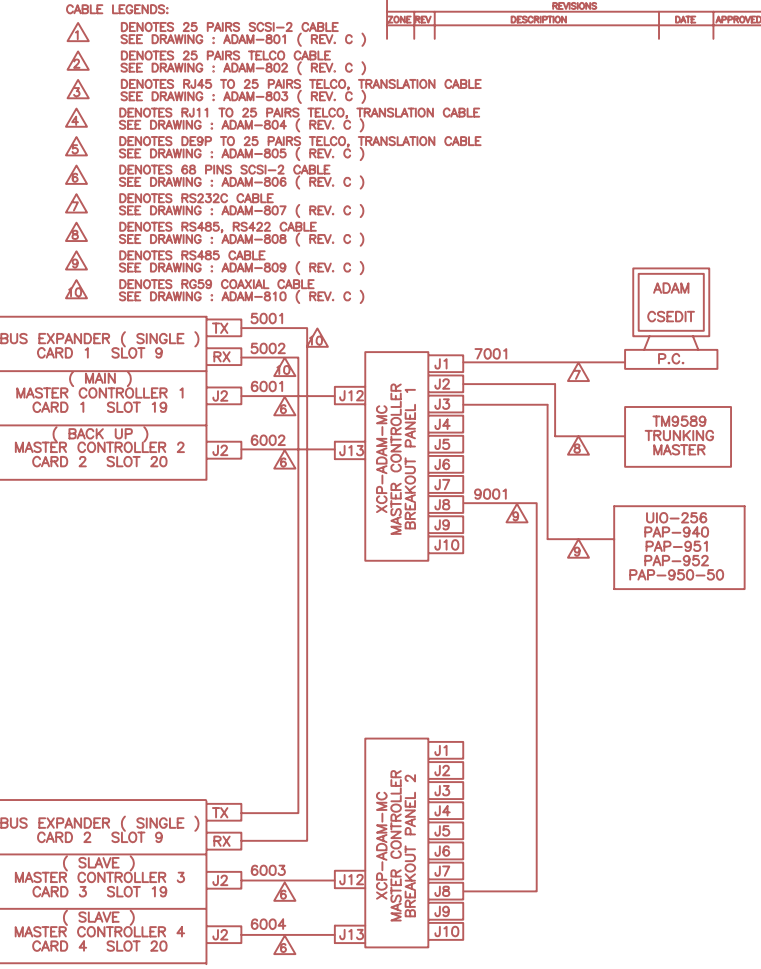


ADAM FRAME # 1

PORTS	CARD	AIO-BC-8-SCSI
1 - 8	CARD 1	BACK CARD # 1
9 - 16	CARD 2	BACK CARD # 2
17 - 24	CARD 3	BACK CARD # 3
25 - 32	CARD 4	BACK CARD # 4
33 - 40	CARD 5	BACK CARD # 5
41 - 48	CARD 6	BACK CARD # 6
49 - 56	CARD 7	BACK CARD # 7
57 - 64	CARD 8	BACK CARD # 8
65 - 72	CARD 9	BACK CARD # 9
73 - 80	CARD 10	BACK CARD # 10
81 - 88	CARD 11	BACK CARD # 11
89 - 96	CARD 12	BACK CARD # 12
97 - 104	CARD 13	BACK CARD # 13
105 - 112	CARD 14	BACK CARD # 14
113 - 120	CARD 15	BACK CARD # 15
121 - 128	CARD 16	BACK CARD # 16
129 - 136	CARD 17	BACK CARD # 17

ADAM FRAME # 2

PORTS	CARD	AIO-BC-8-SCSI
129 - 136	CARD 17	BACK CARD # 1
137 - 144	CARD 18	BACK CARD # 2
145 - 152	CARD 19	BACK CARD # 3
153 - 160	CARD 20	BACK CARD # 4
161 - 168	CARD 21	BACK CARD # 5
169 - 176	CARD 22	BACK CARD # 6
177 - 184	CARD 23	BACK CARD # 7
185 - 192	CARD 24	BACK CARD # 8
193 - 200	CARD 25	BACK CARD # 9
201 - 208	CARD 26	BACK CARD # 10
209 - 216	CARD 27	BACK CARD # 11
217 - 224	CARD 28	BACK CARD # 12
225 - 232	CARD 29	BACK CARD # 13
233 - 240	CARD 30	BACK CARD # 14
241 - 248	CARD 31	BACK CARD # 15
249 - 256	CARD 32	BACK CARD # 16



FUTURE EXPANSION

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 DIMENSIONS ARE IN MILLIMETERS
 FINISH: 3. P. 2000
 25.000
 250.000

APPROVALS	DATE
DRAWN W. YAU	11/12/98
CHECKED W. YAU	11/12/98
ISSUED	

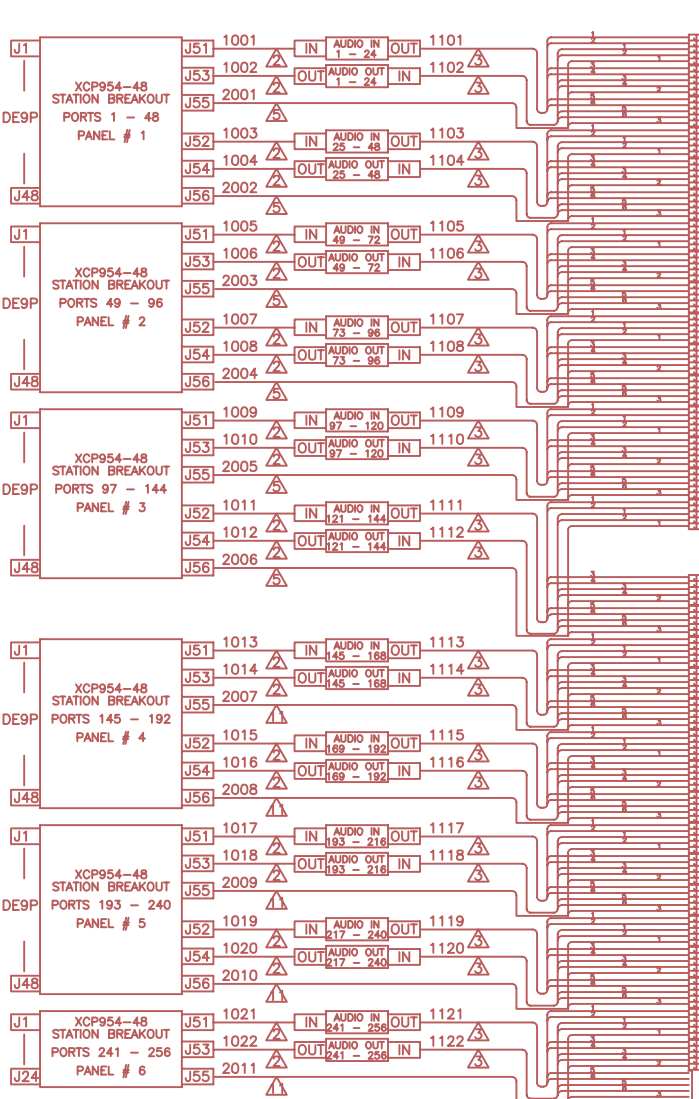
REVISIONS		DATE	APPROVED

RTS SYSTEMS
 BURENAC, CALIFORNIA, USA

ADAM 256 INTERCOM SYSTEM
 XCP954-48 (9 pin data)
 AUDIO & DATA JACKFIELD / SCASI
 INTERCONNECT DIAGRAM

SPEC. FSCHI NO.	DWG NO.	REV
	ADAM-119	
SCALE	ADAM119C	SHEET

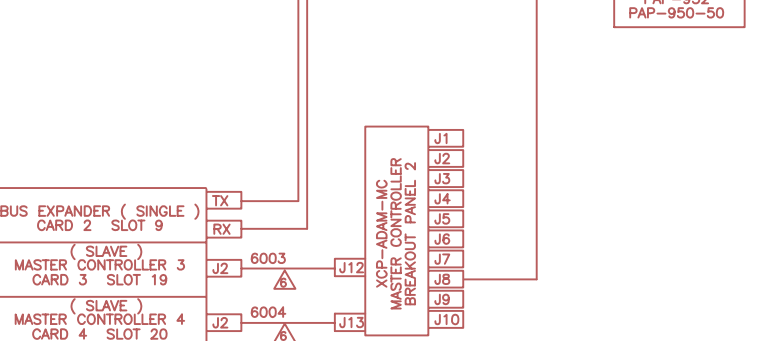
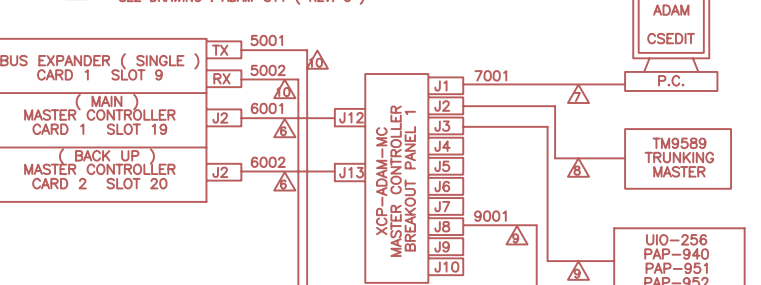
NEXT ASSY	USED ON	FINISH
APPLICATION		



ADAM FRAME # 1			
PORTS 1 - 8	CARD 1	AIO-BC-8-RJ SLOTT 1	BACK CARD # 1
PORTS 9 - 16	CARD 2	AIO-BC-8-RJ SLOTT 2	BACK CARD # 2
PORTS 17 - 24	CARD 3	AIO-BC-8-RJ SLOTT 3	BACK CARD # 3
PORTS 25 - 32	CARD 4	AIO-BC-8-RJ SLOTT 4	BACK CARD # 4
PORTS 33 - 40	CARD 5	AIO-BC-8-RJ SLOTT 5	BACK CARD # 5
PORTS 41 - 48	CARD 6	AIO-BC-8-RJ SLOTT 6	BACK CARD # 6
PORTS 49 - 56	CARD 7	AIO-BC-8-RJ SLOTT 7	BACK CARD # 7
PORTS 57 - 64	CARD 8	AIO-BC-8-RJ SLOTT 8	BACK CARD # 8
PORTS 65 - 72	CARD 9	AIO-BC-8-RJ SLOTT 9	BACK CARD # 9
PORTS 73 - 80	CARD 10	AIO-BC-8-RJ SLOTT 10	BACK CARD # 10
PORTS 81 - 88	CARD 11	AIO-BC-8-RJ SLOTT 11	BACK CARD # 11
PORTS 89 - 96	CARD 12	AIO-BC-8-RJ SLOTT 12	BACK CARD # 12
PORTS 97 - 104	CARD 13	AIO-BC-8-RJ SLOTT 13	BACK CARD # 13
PORTS 105 - 112	CARD 14	AIO-BC-8-RJ SLOTT 14	BACK CARD # 14
PORTS 113 - 120	CARD 15	AIO-BC-8-RJ SLOTT 15	BACK CARD # 15
PORTS 121 - 128	CARD 16	AIO-BC-8-RJ SLOTT 16	BACK CARD # 16
ADAM FRAME # 2			
PORTS 129 - 136	CARD 17	AIO-BC-8-RJ SLOTT 1	BACK CARD # 1
PORTS 137 - 144	CARD 18	AIO-BC-8-RJ SLOTT 2	BACK CARD # 2
PORTS 145 - 152	CARD 19	AIO-BC-8-RJ SLOTT 3	BACK CARD # 3
PORTS 153 - 160	CARD 20	AIO-BC-8-RJ SLOTT 4	BACK CARD # 4
PORTS 161 - 168	CARD 21	AIO-BC-8-RJ SLOTT 5	BACK CARD # 5
PORTS 169 - 176	CARD 22	AIO-BC-8-RJ SLOTT 6	BACK CARD # 6
PORTS 177 - 184	CARD 23	AIO-BC-8-RJ SLOTT 7	BACK CARD # 7
PORTS 185 - 192	CARD 24	AIO-BC-8-RJ SLOTT 8	BACK CARD # 8
PORTS 193 - 200	CARD 25	AIO-BC-8-RJ SLOTT 9	BACK CARD # 9
PORTS 201 - 208	CARD 26	AIO-BC-8-RJ SLOTT 10	BACK CARD # 10
PORTS 209 - 216	CARD 27	AIO-BC-8-RJ SLOTT 11	BACK CARD # 11
PORTS 217 - 224	CARD 28	AIO-BC-8-RJ SLOTT 12	BACK CARD # 12
PORTS 225 - 232	CARD 29	AIO-BC-8-RJ SLOTT 13	BACK CARD # 13
PORTS 233 - 240	CARD 30	AIO-BC-8-RJ SLOTT 14	BACK CARD # 14
PORTS 241 - 248	CARD 31	AIO-BC-8-RJ SLOTT 15	BACK CARD # 15
PORTS 249 - 256	CARD 32	AIO-BC-8-RJ SLOTT 16	BACK CARD # 16

CABLE LEGENDS:

- △ DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)
- △ DENOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)
- △ DENOTES RJ45 TO 25 PAIRS TELCO. TRANSLATION CABLE SEE DRAWING : ADAM-803 (REV. C)
- △ DENOTES RJ11 TO 25 PAIRS TELCO. TRANSLATION CABLE SEE DRAWING : ADAM-804 (REV. C)
- △ DENOTES DE9P TO 25 PAIRS TELCO. TRANSLATION CABLE SEE DRAWING : ADAM-805 (REV. C)
- △ DENOTES 68 PINS SCSI-2 CABLE SEE DRAWING : ADAM-806 (REV. C)
- △ DENOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)
- △ DENOTES RS485, RS422 CABLE SEE DRAWING : ADAM-808 (REV. C)
- △ DENOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)
- △ DENOTES RG59 COAXIAL CABLE SEE DRAWING : ADAM-810 (REV. C)
- △ DENOTES DE9 TO RJ11 CABLE SEE DRAWING : ADAM-811 (REV. C)



UNLESS OTHERWISE SPECIFIED MATERIAL SHALL BE AS SHOWN SPECIFICATIONS ARE TO BE USED P/176 J. P. 200 25.0000 300/200		CONTRACT NO.	REVISIONS	
APPROVALS	DATE	DATE	APPROVED	
CHECKED W. YAU	11/1/98			
ISSUED W. YAU	11/1/98			
MATERIAL	SIZE	FCSC NO.	DWG NO.	REV
NEXT ASSY	USED ON	ADAM120C	ADAM-120	
APPLICATION	FINISH	SCALE	SHEET	

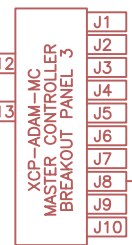
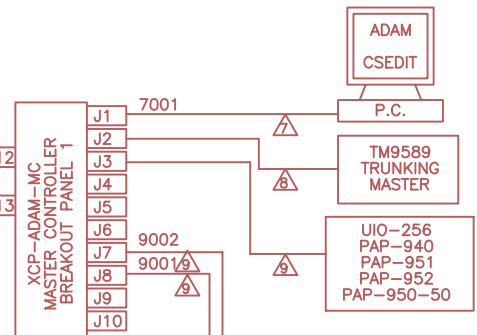
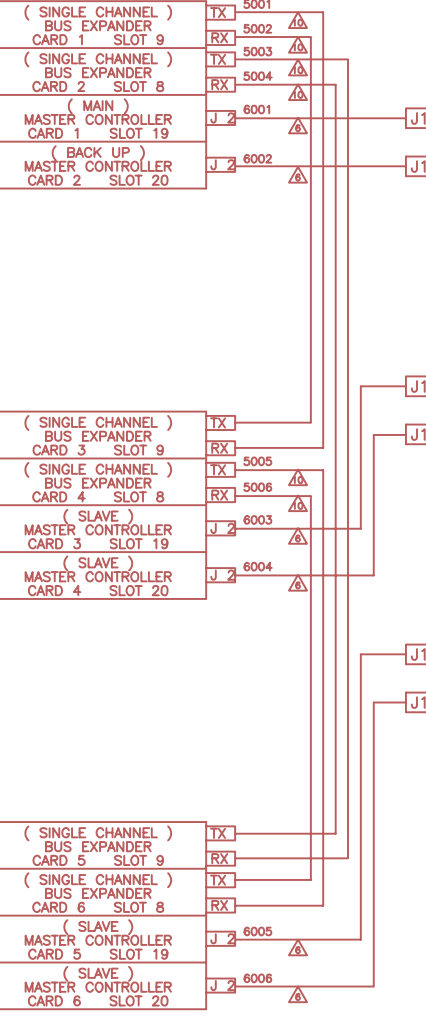
RTS SYSTEMS BUREN, CALIFORNIA, USA

ADAM 256 INTERCOM SYSTEM
XCP954-48 (9 pin data)
AUDIO & DATA JACKFIELD w/RJ
INTERCONNECT DIAGRAM

ADAM FRAME # 1						
XCP-40-RJ11 PORTS 1 - 40 PANEL NO. 1	J1	1001	▲	J2	PORTS 1 - 9 CARD 1 BACK CARD # 1	AI0-BC-8-SCSI BACK CARD # 1
	J2	1002	▲	J2	PORTS 9 - 16 CARD 2 BACK CARD # 2	AI0-BC-8-SCSI BACK CARD # 2
	J3	1003	▲	J2	PORTS 17 - 24 CARD 3 BACK CARD # 3	AI0-BC-8-SCSI BACK CARD # 3
	J4	1004	▲	J2	PORTS 25 - 32 CARD 4 BACK CARD # 4	AI0-BC-8-SCSI BACK CARD # 4
	J5	1005	▲	J2	PORTS 33 - 40 CARD 5 BACK CARD # 5	AI0-BC-8-SCSI BACK CARD # 5
XCP-40-RJ11 PORTS 41 - 80 PANEL NO. 2	J1	1006	▲	J2	PORTS 41 - 48 CARD 6 BACK CARD # 6	AI0-BC-8-SCSI BACK CARD # 6
	J2	1007	▲	J2	PORTS 49 - 56 CARD 7 BACK CARD # 7	AI0-BC-8-SCSI BACK CARD # 7
	J3	1008	▲	J2	PORTS 57 - 64 CARD 8 BACK CARD # 8	AI0-BC-8-SCSI BACK CARD # 8
	J4	1009	▲	J2	PORTS 65 - 72 CARD 9 BACK CARD # 9	AI0-BC-8-SCSI BACK CARD # 9
	J5	1010	▲	J2	PORTS 73 - 80 CARD 10 BACK CARD # 10	AI0-BC-8-SCSI BACK CARD # 10
XCP-40-RJ11 PORTS 81 - 120 PANEL NO. 3	J1	1011	▲	J2	PORTS 81 - 88 CARD 11 BACK CARD # 11	AI0-BC-8-SCSI BACK CARD # 11
	J2	1012	▲	J2	PORTS 89 - 96 CARD 12 SLOT 14	AI0-BC-8-SCSI BACK CARD # 12
	J3	1013	▲	J2	PORTS 97 - 104 CARD 13 SLOT 15	AI0-BC-8-SCSI BACK CARD # 13
	J4	1014	▲	J2	PORTS 105 - 112 CARD 14 SLOT 16	AI0-BC-8-SCSI BACK CARD # 14
	J5	1015	▲	J2	PORTS 113 - 120 CARD 15 SLOT 17	AI0-BC-8-SCSI BACK CARD # 15

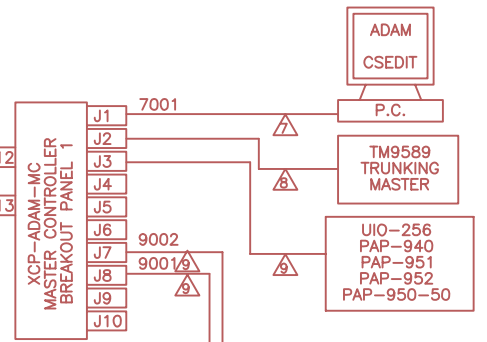
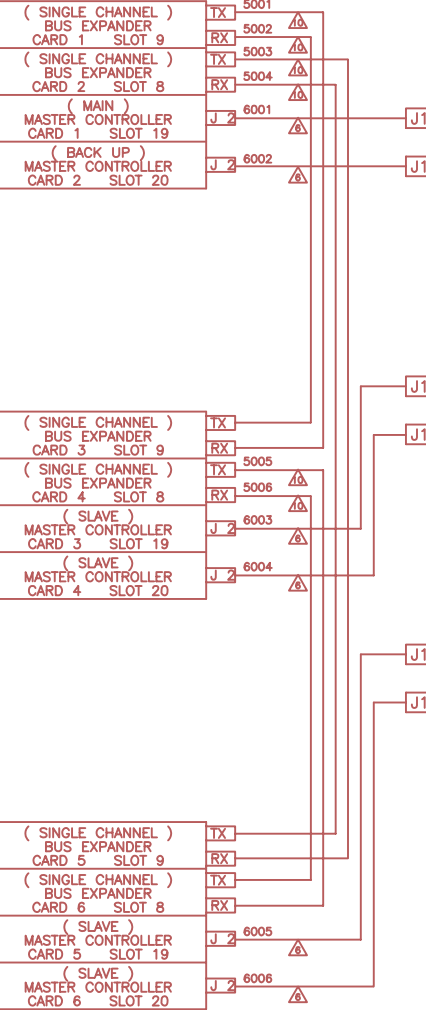
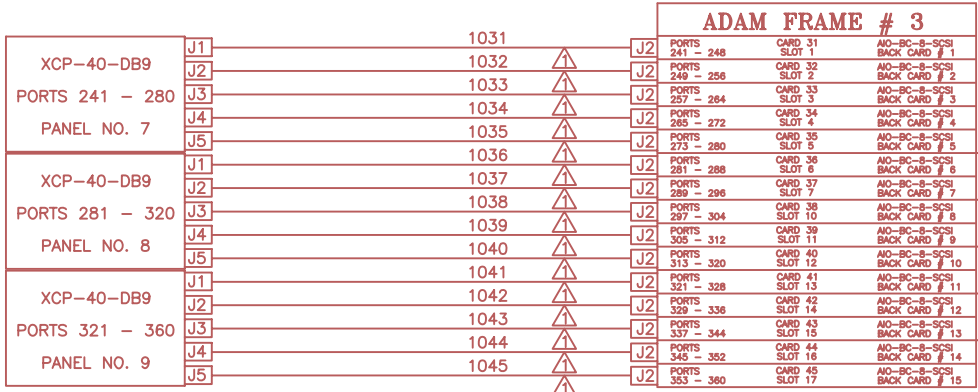
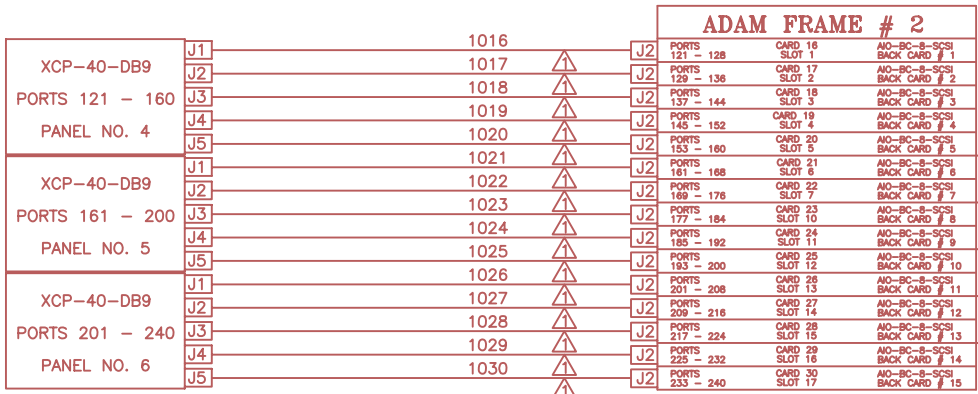
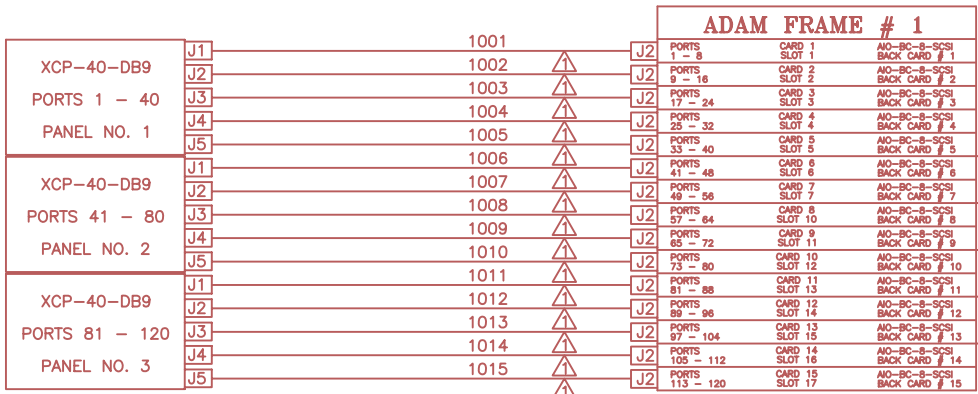
ADAM FRAME # 2						
XCP-40-RJ11 PORTS 121 - 160 PANEL NO. 4	J1	1016	▲	J2	PORTS 121 - 128 CARD 16 SLOT 1	AI0-BC-8-SCSI BACK CARD # 1
	J2	1017	▲	J2	PORTS 129 - 136 CARD 17 SLOT 2	AI0-BC-8-SCSI BACK CARD # 2
	J3	1018	▲	J2	PORTS 137 - 144 CARD 18 SLOT 3	AI0-BC-8-SCSI BACK CARD # 3
	J4	1019	▲	J2	PORTS 145 - 152 CARD 19 SLOT 4	AI0-BC-8-SCSI BACK CARD # 4
	J5	1020	▲	J2	PORTS 153 - 160 CARD 20 SLOT 5	AI0-BC-8-SCSI BACK CARD # 5
XCP-40-RJ11 PORTS 161 - 200 PANEL NO. 5	J1	1021	▲	J2	PORTS 161 - 168 CARD 21 SLOT 6	AI0-BC-8-SCSI BACK CARD # 6
	J2	1022	▲	J2	PORTS 169 - 176 CARD 22 SLOT 7	AI0-BC-8-SCSI BACK CARD # 7
	J3	1023	▲	J2	PORTS 177 - 184 CARD 23 SLOT 8	AI0-BC-8-SCSI BACK CARD # 8
XCP-40-RJ11 PORTS 201 - 240 PANEL NO. 6	J1	1024	▲	J2	PORTS 185 - 192 CARD 24 SLOT 11	AI0-BC-8-SCSI BACK CARD # 9
	J2	1025	▲	J2	PORTS 193 - 200 CARD 25 SLOT 12	AI0-BC-8-SCSI BACK CARD # 10
	J3	1026	▲	J2	PORTS 201 - 208 CARD 26 SLOT 13	AI0-BC-8-SCSI BACK CARD # 11
XCP-40-RJ11 PORTS 241 - 280 PANEL NO. 7	J1	1027	▲	J2	PORTS 209 - 216 CARD 27 SLOT 14	AI0-BC-8-SCSI BACK CARD # 12
	J2	1028	▲	J2	PORTS 217 - 224 CARD 28 SLOT 15	AI0-BC-8-SCSI BACK CARD # 13
	J3	1029	▲	J2	PORTS 225 - 232 CARD 29 SLOT 16	AI0-BC-8-SCSI BACK CARD # 14
	J4	1030	▲	J2	PORTS 233 - 240 CARD 30 SLOT 17	AI0-BC-8-SCSI BACK CARD # 15

ADAM FRAME # 3						
XCP-40-RJ11 PORTS 241 - 280 PANEL NO. 7	J1	1031	▲	J2	PORTS 241 - 248 CARD 31 SLOT 1	AI0-BC-8-SCSI BACK CARD # 1
	J2	1032	▲	J2	PORTS 249 - 256 CARD 32 SLOT 2	AI0-BC-8-SCSI BACK CARD # 2
	J3	1033	▲	J2	PORTS 257 - 264 CARD 33 SLOT 3	AI0-BC-8-SCSI BACK CARD # 3
	J4	1034	▲	J2	PORTS 265 - 272 CARD 34 SLOT 4	AI0-BC-8-SCSI BACK CARD # 4
	J5	1035	▲	J2	PORTS 273 - 280 CARD 35 SLOT 5	AI0-BC-8-SCSI BACK CARD # 5
XCP-40-RJ11 PORTS 281 - 320 PANEL NO. 8	J1	1036	▲	J2	PORTS 281 - 288 CARD 36 SLOT 6	AI0-BC-8-SCSI BACK CARD # 6
	J2	1037	▲	J2	PORTS 289 - 296 CARD 37 SLOT 7	AI0-BC-8-SCSI BACK CARD # 7
	J3	1038	▲	J2	PORTS 297 - 304 CARD 38 SLOT 10	AI0-BC-8-SCSI BACK CARD # 8
	J4	1039	▲	J2	PORTS 305 - 312 CARD 39 SLOT 11	AI0-BC-8-SCSI BACK CARD # 9
	J5	1040	▲	J2	PORTS 313 - 320 CARD 40 SLOT 12	AI0-BC-8-SCSI BACK CARD # 10
XCP-40-RJ11 PORTS 321 - 360 PANEL NO. 9	J1	1041	▲	J2	PORTS 321 - 328 CARD 41 SLOT 13	AI0-BC-8-SCSI BACK CARD # 11
	J2	1042	▲	J2	PORTS 329 - 336 CARD 42 SLOT 14	AI0-BC-8-SCSI BACK CARD # 12
	J3	1043	▲	J2	PORTS 337 - 344 CARD 43 SLOT 15	AI0-BC-8-SCSI BACK CARD # 13
	J4	1044	▲	J2	PORTS 345 - 352 CARD 44 SLOT 16	AI0-BC-8-SCSI BACK CARD # 14
	J5	1045	▲	J2	PORTS 353 - 360 CARD 45 SLOT 17	AI0-BC-8-SCSI BACK CARD # 15



- CABLE LEGENDS:
- ▲ DENOTES 25 PAIRS SCSI-2 CABLE
SEE DRAWING : ADAM-801 (REV. C)
 - ▲ DENOTES 25 PAIRS TELCO CABLE
SEE DRAWING : ADAM-802 (REV. C)
 - ▲ DENOTES RJ45 TO 25 PAIRS TELCO
SEE DRAWING : ADAM-803 (REV. C)
 - ▲ DENOTES RJ11 TO 25 PAIRS TELCO
SEE DRAWING : ADAM-804 (REV. C)
 - ▲ DENOTES DE9P TO 25 PAIRS TELCO
SEE DRAWING : ADAM-805 (REV. C)
 - ▲ DENOTES 68 PINS SCSI-2 CABLE
SEE DRAWING : ADAM-806 (REV. C)
 - ▲ DENOTES RS232C CABLE
SEE DRAWING : ADAM-807 (REV. C)
 - ▲ DENOTES RS485, RS422 CABLE
SEE DRAWING : ADAM-808 (REV. C)
 - ▲ DENOTES RS485 CABLE
SEE DRAWING : ADAM-809 (REV. C)
 - ▲ DENOTES RS99 COAXIAL CABLE
SEE DRAWING : ADAM-810 (REV. C)

CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA			
APPROVALS	DATE	ADAM INTERCOM SYSTEM 360 x 360 XCP-40-RJ11 INTERCONNECTION DIAGRAM			
DRAWN W. YAU	1 NOV 98	SIZE	FSCM NO.	DWG NO.	REV
CHECKED W. YAU	1 NOV 98	D		ADAM-121	C
ISSUED		SCALE		SHEET	
ADAM121C					



- CABLE LEGENDS:
- ▲ DENOTES 25 PAIRS SCSI-2 CABLE
SEE DRAWING : ADAM-801 (REV. C)
 - ▲ DENOTES 25 PAIRS TELCO CABLE
SEE DRAWING : ADAM-802 (REV. C)
 - ▲ DENOTES RJ45 TO 25 PAIRS TELCO
SEE DRAWING : ADAM-803 (REV. C)
 - ▲ DENOTES RJ11 TO 25 PAIRS TELCO
SEE DRAWING : ADAM-804 (REV. C)
 - ▲ DENOTES DE9P TO 25 PAIRS TELCO
SEE DRAWING : ADAM-805 (REV. C)
 - ▲ DENOTES 68 PINS SCSI-2 CABLE
SEE DRAWING : ADAM-806 (REV. C)
 - ▲ DENOTES RS232C CABLE
SEE DRAWING : ADAM-807 (REV. C)
 - ▲ DENOTES RS485, RS422 CABLE
SEE DRAWING : ADAM-808 (REV. C)
 - ▲ DENOTES RS485 CABLE
SEE DRAWING : ADAM-809 (REV. C)
 - ▲ DENOTES RS99 COAXIAL CABLE
SEE DRAWING : ADAM-810 (REV. C)

CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA			
APPROVALS	DATE	ADAM INTERCOM SYSTEM 360 x 360 XCP-40-DB9 INTERCONNECTOR DIAGRAM			
DRAWN W. YAU	1 NOV 96	SIZE	FSCM NO.	DWG NO.	REV
CHECKED W. YAU	1 NOV 96	D		ADAM-122	C
ISSUED		SCALE		SHEET	
ADAM122C					

STATION BREAKOUT PANEL		JACKFIELDS AUDIO AND DATA					
R111 R112 R123 R24	XCP-955 PORTS 1 - 24 PANEL NO. 1	J26	1001	IN	AUDIO IN 1 - 24	OUT	
		J27	1002	OUT	AUDIO OUT 1 - 24	IN	
		J28	2001	OUT	KP DATA 1 - 24	IN	
		J26	1003	IN	AUDIO IN 25 - 48	OUT	
		J27	1004	OUT	AUDIO OUT 25 - 48	IN	
R111 R112 R123 R24	XCP-955 PORTS 25 - 48 PANEL NO. 2	J26	2002	OUT	KP DATA 25 - 48	IN	
		J27	1005	IN	AUDIO IN 49 - 72	OUT	
		J28	1006	OUT	AUDIO OUT 49 - 72	IN	
		J26	2003	OUT	KP DATA 49 - 72	IN	
		J27	1007	IN	AUDIO IN 73 - 96	OUT	
R111 R112 R123 R24	XCP-955 PORTS 49 - 72 PANEL NO. 3	J26	1008	OUT	AUDIO OUT 73 - 96	IN	
		J27	2004	OUT	KP DATA 73 - 96	IN	
		J28	1009	IN	AUDIO IN 97 - 120	OUT	
		J26	1010	OUT	AUDIO OUT 97 - 120	IN	
		J27	2005	OUT	KP DATA 97 - 120	IN	

ADAM FRAME # 1

PORTS	CARD	AI0-BC-8-SCSI	BACK CARD
1 - 8	CARD 1	AI0-BC-8-SCSI	BACK CARD # 1
9 - 16	CARD 2	AI0-BC-8-SCSI	BACK CARD # 2
17 - 24	CARD 3	AI0-BC-8-SCSI	BACK CARD # 3
25 - 32	CARD 4	AI0-BC-8-SCSI	BACK CARD # 4
33 - 40	CARD 5	AI0-BC-8-SCSI	BACK CARD # 5
41 - 48	CARD 6	AI0-BC-8-SCSI	BACK CARD # 6
49 - 56	CARD 7	AI0-BC-8-SCSI	BACK CARD # 7
57 - 64	CARD 8	AI0-BC-8-SCSI	BACK CARD # 8
65 - 72	CARD 9	AI0-BC-8-SCSI	BACK CARD # 9
73 - 80	CARD 10	AI0-BC-8-SCSI	BACK CARD # 10
81 - 88	CARD 11	AI0-BC-8-SCSI	BACK CARD # 11
89 - 96	CARD 12	AI0-BC-8-SCSI	BACK CARD # 12
97 - 104	CARD 13	AI0-BC-8-SCSI	BACK CARD # 13
105 - 112	CARD 14	AI0-BC-8-SCSI	BACK CARD # 14
113 - 120	CARD 15	AI0-BC-8-SCSI	BACK CARD # 15

R111 R112 R123 R24	XCP-955 PORTS 121 - 144 PANEL NO. 6	J26	1011	IN	AUDIO IN 121 - 144	OUT	
		J27	1012	OUT	AUDIO OUT 121 - 144	IN	
		J28	2006	OUT	KP DATA 121 - 144	IN	
		J26	1013	IN	AUDIO IN 145 - 168	OUT	
		J27	1014	OUT	AUDIO OUT 145 - 168	IN	
R111 R112 R123 R24	XCP-955 PORTS 145 - 168 PANEL NO. 7	J28	2007	OUT	KP DATA 145 - 168	IN	
		J26	1015	IN	AUDIO IN 169 - 192	OUT	
		J27	1016	OUT	AUDIO OUT 169 - 192	IN	
		J28	2008	OUT	KP DATA 169 - 192	IN	
		J26	1017	IN	AUDIO IN 193 - 216	OUT	
R111 R112 R123 R24	XCP-955 PORTS 169 - 192 PANEL NO. 8	J27	1018	OUT	AUDIO OUT 193 - 216	IN	
		J28	2009	OUT	KP DATA 193 - 216	IN	
		J26	1019	IN	AUDIO IN 217 - 240	OUT	
		J27	1020	OUT	AUDIO OUT 217 - 240	IN	
		J28	2010	OUT	KP DATA 217 - 240	IN	

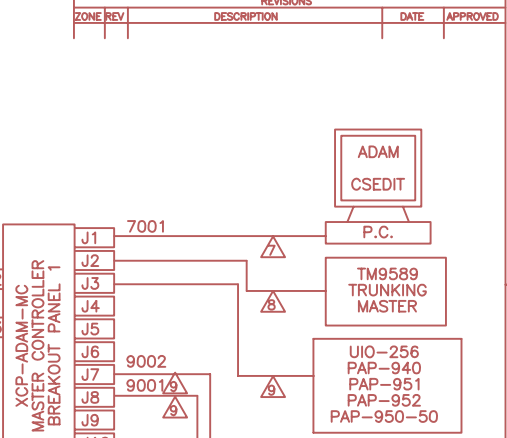
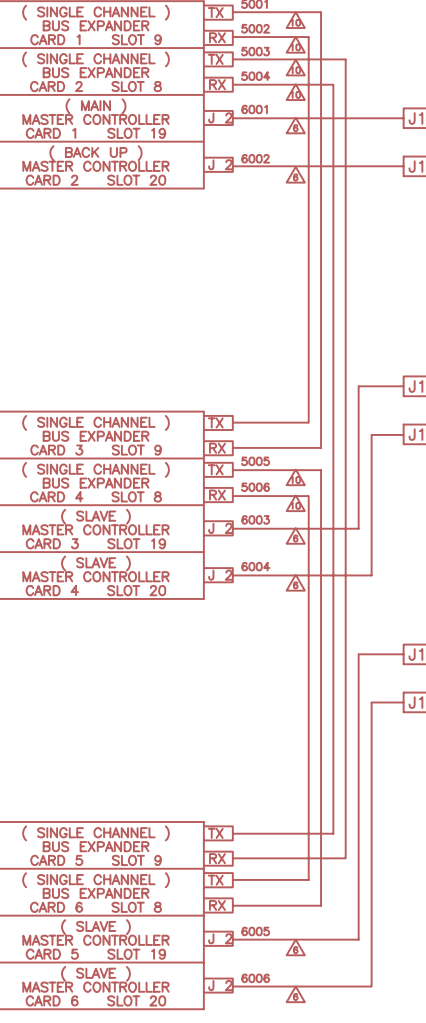
ADAM FRAME # 2

PORTS	CARD	AI0-BC-8-SCSI	BACK CARD
121 - 128	CARD 16	AI0-BC-8-SCSI	BACK CARD # 1
129 - 136	CARD 17	AI0-BC-8-SCSI	BACK CARD # 2
137 - 144	CARD 18	AI0-BC-8-SCSI	BACK CARD # 3
145 - 152	CARD 19	AI0-BC-8-SCSI	BACK CARD # 4
153 - 160	CARD 20	AI0-BC-8-SCSI	BACK CARD # 5
161 - 168	CARD 21	AI0-BC-8-SCSI	BACK CARD # 6
169 - 176	CARD 22	AI0-BC-8-SCSI	BACK CARD # 7
177 - 184	CARD 23	AI0-BC-8-SCSI	BACK CARD # 8
185 - 192	CARD 24	AI0-BC-8-SCSI	BACK CARD # 9
193 - 200	CARD 25	AI0-BC-8-SCSI	BACK CARD # 10
201 - 208	CARD 26	AI0-BC-8-SCSI	BACK CARD # 11
209 - 216	CARD 27	AI0-BC-8-SCSI	BACK CARD # 12
217 - 224	CARD 28	AI0-BC-8-SCSI	BACK CARD # 13
225 - 232	CARD 29	AI0-BC-8-SCSI	BACK CARD # 14
233 - 240	CARD 30	AI0-BC-8-SCSI	BACK CARD # 15

R111 R112 R123 R24	XCP-955 PORTS 241 - 264 PANEL NO. 11	J26	1021	IN	AUDIO IN 241 - 264	OUT	
		J27	1022	OUT	AUDIO OUT 241 - 264	IN	
		J28	2011	OUT	KP DATA 241 - 264	IN	
		J26	1023	IN	AUDIO IN 265 - 288	OUT	
		J27	1024	OUT	AUDIO OUT 265 - 288	IN	
R111 R112 R123 R24	XCP-955 PORTS 265 - 288 PANEL NO. 12	J28	2012	OUT	KP DATA 265 - 288	IN	
		J26	1025	IN	AUDIO IN 289 - 312	OUT	
		J27	1026	OUT	AUDIO OUT 289 - 312	IN	
		J28	2013	OUT	KP DATA 289 - 312	IN	
		J26	1027	IN	AUDIO IN 313 - 336	OUT	
R111 R112 R123 R24	XCP-955 PORTS 289 - 312 PANEL NO. 13	J27	1028	OUT	AUDIO OUT 313 - 336	IN	
		J28	2014	OUT	KP DATA 313 - 336	IN	
		J26	1029	IN	AUDIO IN 337 - 360	OUT	
		J27	1030	OUT	AUDIO OUT 337 - 360	IN	
		J28	2015	OUT	KP DATA 337 - 360	IN	

ADAM FRAME # 3

PORTS	CARD	AI0-BC-8-SCSI	BACK CARD
241 - 248	CARD 31	AI0-BC-8-SCSI	BACK CARD # 1
249 - 256	CARD 32	AI0-BC-8-SCSI	BACK CARD # 2
257 - 264	CARD 33	AI0-BC-8-SCSI	BACK CARD # 3
265 - 272	CARD 34	AI0-BC-8-SCSI	BACK CARD # 4
273 - 280	CARD 35	AI0-BC-8-SCSI	BACK CARD # 5
281 - 288	CARD 36	AI0-BC-8-SCSI	BACK CARD # 6
289 - 296	CARD 37	AI0-BC-8-SCSI	BACK CARD # 7
297 - 304	CARD 38	AI0-BC-8-SCSI	BACK CARD # 8
305 - 312	CARD 39	AI0-BC-8-SCSI	BACK CARD # 9
313 - 320	CARD 40	AI0-BC-8-SCSI	BACK CARD # 10
321 - 328	CARD 41	AI0-BC-8-SCSI	BACK CARD # 11
329 - 336	CARD 42	AI0-BC-8-SCSI	BACK CARD # 12
337 - 344	CARD 43	AI0-BC-8-SCSI	BACK CARD # 13
345 - 352	CARD 44	AI0-BC-8-SCSI	BACK CARD # 14
353 - 360	CARD 45	AI0-BC-8-SCSI	BACK CARD # 15



- CABLE LEGENDS:
- ▲ DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)
 - ▲ DENOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)
 - ▲ DENOTES RJ45 TO 25 PAIRS TELCO SEE DRAWING : ADAM-803 (REV. C)
 - ▲ DENOTES RJ11 TO 25 PAIRS TELCO SEE DRAWING : ADAM-804 (REV. C)
 - ▲ DENOTES DE9P TO 25 PAIRS TELCO SEE DRAWING : ADAM-805 (REV. C)
 - ▲ DENOTES 88 PINS SCSI-2 CABLE SEE DRAWING : ADAM-808 (REV. C)
 - ▲ DENOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)
 - ▲ DENOTES RS485, RS422 CABLE SEE DRAWING : ADAM-808 (REV. C)
 - ▲ DENOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)
 - ▲ DENOTES RS59 COAXIAL CABLE SEE DRAWING : ADAM-810 (REV. C)

CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA	
APPROVALS	DATE	ADAM INTERCOM SYSTEM 360 x 360 XCP955 / JACKFIELD / SCSI INTERCONNECT DIAGRAM	
DRAWN W. YAU	1 NOV 96	SHEET NO.	ADAM-123 C
CHECKED W. YAU	1 NOV 96	DWG NO.	
ISSUED		SCALE	SHEET
ADAM123C			

STATION BREAKOUT PANEL		JACKFIELDS AUDIO AND DATA		TYPICAL DETAILS			
RJ11	XCP-955 PORTS 1-24 PANEL NO. 1	J26	1001	IN	AUDIO IN 1 - 24	OUT	1101
RJ27		J26	1002	OUT	AUDIO OUT 1 - 24	IN	1102
RJ28		J27	2001	OUT	KP DATA 1 - 24	IN	2101
RJ11	XCP-955 PORTS 25-48 PANEL NO. 2	J26	1003	IN	AUDIO IN 25 - 48	OUT	1103
RJ27		J26	1004	OUT	AUDIO OUT 25 - 48	IN	1104
RJ28		J27	2002	OUT	KP DATA 25 - 48	IN	2102
RJ11	XCP-955 PORTS 49-72 PANEL NO. 3	J26	1005	IN	AUDIO IN 49 - 72	OUT	1105
RJ27		J26	1006	OUT	AUDIO OUT 49 - 72	IN	1106
RJ28		J27	2003	OUT	KP DATA 49 - 72	IN	2103
RJ11	XCP-955 PORTS 73-96 PANEL NO. 4	J26	1007	IN	AUDIO IN 73 - 96	OUT	1107
RJ27		J26	1008	OUT	AUDIO OUT 73 - 96	IN	1108
RJ28		J27	2004	OUT	KP DATA 73 - 96	IN	2104
RJ11	XCP-955 PORTS 97-120 PANEL NO. 5	J26	1009	IN	AUDIO IN 97 - 120	OUT	1109
RJ27		J26	1010	OUT	AUDIO OUT 97 - 120	IN	1110
RJ28		J27	2005	OUT	KP DATA 97 - 120	IN	2105

ADAM FRAME # 1

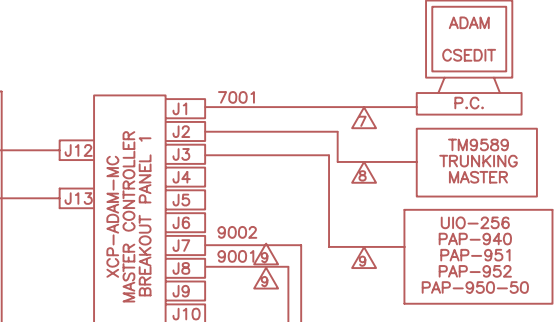
PORTS	CARD	AIQ-BC-S-SCSI	BACK CARD
1 - 8	CARD 1	AIQ-BC-S-SCSI	BACK CARD # 1
9 - 16	CARD 2	AIQ-BC-S-SCSI	BACK CARD # 2
17 - 24	CARD 3	AIQ-BC-S-SCSI	BACK CARD # 3
25 - 32	CARD 4	AIQ-BC-S-SCSI	BACK CARD # 4
33 - 40	CARD 5	AIQ-BC-S-SCSI	BACK CARD # 5
41 - 48	CARD 6	AIQ-BC-S-SCSI	BACK CARD # 6
49 - 56	CARD 7	AIQ-BC-S-SCSI	BACK CARD # 7
57 - 64	CARD 8	AIQ-BC-S-SCSI	BACK CARD # 8
65 - 72	CARD 9	AIQ-BC-S-SCSI	BACK CARD # 9
73 - 80	CARD 10	AIQ-BC-S-SCSI	BACK CARD # 10
81 - 88	CARD 11	AIQ-BC-S-SCSI	BACK CARD # 11
89 - 96	CARD 12	AIQ-BC-S-SCSI	BACK CARD # 12
97 - 104	CARD 13	AIQ-BC-S-SCSI	BACK CARD # 13
105 - 112	CARD 14	AIQ-BC-S-SCSI	BACK CARD # 14
113 - 120	CARD 15	AIQ-BC-S-SCSI	BACK CARD # 15

(SINGLE CHANNEL)
BUS EXPANDER
CARD 1 SLOT 9
TX 5001
RX 5002

(SINGLE CHANNEL)
BUS EXPANDER
CARD 2 SLOT 8
TX 5003
RX 5004

(MAIN)
MASTER CONTROLLER
CARD 1 SLOT 19
TX 6001
RX 6002

(BACK UP)
MASTER CONTROLLER
CARD 2 SLOT 20
TX 6001
RX 6002



STATION BREAKOUT PANEL		JACKFIELDS AUDIO AND DATA		TYPICAL DETAILS			
RJ11	XCP-955 PORTS 121-144 PANEL NO. 6	J26	1011	IN	AUDIO IN 121 - 144	OUT	1111
RJ27		J26	1012	OUT	AUDIO OUT 121 - 144	IN	1112
RJ28		J27	2006	OUT	KP DATA 121 - 144	IN	2106
RJ11	XCP-955 PORTS 145 - 168 PANEL NO. 7	J26	1013	IN	AUDIO IN 145 - 168	OUT	1113
RJ27		J26	1014	OUT	AUDIO OUT 145 - 168	IN	1114
RJ28		J27	2007	OUT	KP DATA 145 - 168	IN	2107
RJ11	XCP-955 PORTS 169 - 192 PANEL NO. 8	J26	1015	IN	AUDIO IN 169 - 192	OUT	1115
RJ27		J26	1016	OUT	AUDIO OUT 169 - 192	IN	1116
RJ28		J27	2008	OUT	KP DATA 169 - 192	IN	2108
RJ11	XCP-955 PORTS 193 - 216 PANEL NO. 9	J26	1017	IN	AUDIO IN 193 - 216	OUT	1117
RJ27		J26	1018	OUT	AUDIO OUT 193 - 216	IN	1118
RJ28		J27	2009	OUT	KP DATA 193 - 216	IN	2109
RJ11	XCP-955 PORTS 217 - 240 PANEL NO. 10	J26	1019	IN	AUDIO IN 217 - 240	OUT	1119
RJ27		J26	1020	OUT	AUDIO OUT 217 - 240	IN	1120
RJ28		J27	2010	OUT	KP DATA 217 - 240	IN	2110

ADAM FRAME # 2

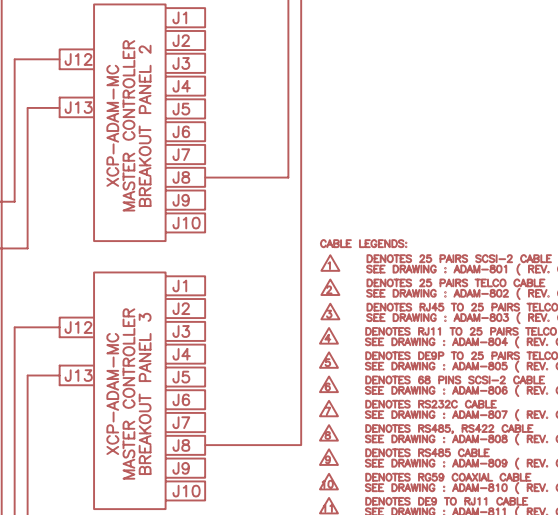
PORTS	CARD	AIQ-BC-S-SCSI	BACK CARD
121 - 128	CARD 16	AIQ-BC-S-SCSI	BACK CARD # 1
129 - 136	CARD 17	AIQ-BC-S-SCSI	BACK CARD # 2
137 - 144	CARD 18	AIQ-BC-S-SCSI	BACK CARD # 3
145 - 152	CARD 19	AIQ-BC-S-SCSI	BACK CARD # 4
153 - 160	CARD 20	AIQ-BC-S-SCSI	BACK CARD # 5
161 - 168	CARD 21	AIQ-BC-S-SCSI	BACK CARD # 6
169 - 176	CARD 22	AIQ-BC-S-SCSI	BACK CARD # 7
177 - 184	CARD 23	AIQ-BC-S-SCSI	BACK CARD # 8
185 - 192	CARD 24	AIQ-BC-S-SCSI	BACK CARD # 9
193 - 200	CARD 25	AIQ-BC-S-SCSI	BACK CARD # 10
201 - 208	CARD 26	AIQ-BC-S-SCSI	BACK CARD # 11
209 - 216	CARD 27	AIQ-BC-S-SCSI	BACK CARD # 12
217 - 224	CARD 28	AIQ-BC-S-SCSI	BACK CARD # 13
225 - 232	CARD 29	AIQ-BC-S-SCSI	BACK CARD # 14
233 - 240	CARD 30	AIQ-BC-S-SCSI	BACK CARD # 15

(SINGLE CHANNEL)
BUS EXPANDER
CARD 3 SLOT 9
TX 5005
RX 5006

(SINGLE CHANNEL)
BUS EXPANDER
CARD 4 SLOT 8
TX 6003
RX 6004

(SLAVE)
MASTER CONTROLLER
CARD 3 SLOT 19
TX 6003
RX 6004

(SLAVE)
MASTER CONTROLLER
CARD 4 SLOT 20
TX 6003
RX 6004



- CABLE LEGENDS:
- △ DENOTES 25 PAIRS SC51-2 CABLE SEE DRAWING: ADAM-801 (REV. C)
 - △ DENOTES 25 PAIRS TELCO CABLE SEE DRAWING: ADAM-802 (REV. C)
 - △ DENOTES RJ45 TO 25 PAIRS TELCO SEE DRAWING: ADAM-803 (REV. C)
 - △ DENOTES RJ11 TO 25 PAIRS TELCO SEE DRAWING: ADAM-804 (REV. C)
 - △ DENOTES DE9 TO 25 PAIRS TELCO SEE DRAWING: ADAM-805 (REV. C)
 - △ DENOTES 88 PINS SC51-2 CABLE SEE DRAWING: ADAM-808 (REV. C)
 - △ DENOTES RS232C CABLE SEE DRAWING: ADAM-807 (REV. C)
 - △ DENOTES RS485, RS422 CABLE SEE DRAWING: ADAM-808 (REV. C)
 - △ DENOTES RS485 CABLE SEE DRAWING: ADAM-809 (REV. C)
 - △ DENOTES RS69 COAXIAL CABLE SEE DRAWING: ADAM-810 (REV. C)
 - △ DENOTES DE9 TO RJ11 CABLE SEE DRAWING: ADAM-811 (REV. C)

STATION BREAKOUT PANEL		JACKFIELDS AUDIO AND DATA		TYPICAL DETAILS			
RJ11	XCP-955 PORTS 241 - 264 PANEL NO. 11	J26	1021	IN	AUDIO IN 241 - 264	OUT	1121
RJ27		J26	1022	OUT	AUDIO OUT 241 - 264	IN	1122
RJ28		J27	2011	OUT	KP DATA 241 - 264	IN	2111
RJ11	XCP-955 PORTS 265 - 288 PANEL NO. 12	J26	1023	IN	AUDIO IN 265 - 288	OUT	1123
RJ27		J26	1024	OUT	AUDIO OUT 265 - 288	IN	1124
RJ28		J27	2012	OUT	KP DATA 265 - 288	IN	2112
RJ11	XCP-955 PORTS 289 - 312 PANEL NO. 13	J26	1025	IN	AUDIO IN 289 - 312	OUT	1125
RJ27		J26	1026	OUT	AUDIO OUT 289 - 312	IN	1126
RJ28		J27	2013	OUT	KP DATA 289 - 312	IN	2113
RJ11	XCP-955 PORTS 313 - 336 PANEL NO. 14	J26	1027	IN	AUDIO IN 313 - 336	OUT	1127
RJ27		J26	1028	OUT	AUDIO OUT 313 - 336	IN	1128
RJ28		J27	2014	OUT	KP DATA 313 - 336	IN	2114
RJ11	XCP-955 PORTS 337 - 360 PANEL NO. 15	J26	1029	IN	AUDIO IN 337 - 360	OUT	1129
RJ27		J26	1030	OUT	AUDIO OUT 337 - 360	IN	1130
RJ28		J27	2015	OUT	KP DATA 337 - 360	IN	2115

ADAM FRAME # 3

PORTS	CARD	AIQ-BC-S-SCSI	BACK CARD
241 - 248	CARD 31	AIQ-BC-S-SCSI	BACK CARD # 1
249 - 256	CARD 32	AIQ-BC-S-SCSI	BACK CARD # 2
257 - 264	CARD 33	AIQ-BC-S-SCSI	BACK CARD # 3
265 - 272	CARD 34	AIQ-BC-S-SCSI	BACK CARD # 4
273 - 280	CARD 35	AIQ-BC-S-SCSI	BACK CARD # 5
281 - 288	CARD 36	AIQ-BC-S-SCSI	BACK CARD # 6
289 - 296	CARD 37	AIQ-BC-S-SCSI	BACK CARD # 7
297 - 304	CARD 38	AIQ-BC-S-SCSI	BACK CARD # 8
305 - 312	CARD 39	AIQ-BC-S-SCSI	BACK CARD # 9
313 - 320	CARD 40	AIQ-BC-S-SCSI	BACK CARD # 10
321 - 328	CARD 41	AIQ-BC-S-SCSI	BACK CARD # 11
329 - 336	CARD 42	AIQ-BC-S-SCSI	BACK CARD # 12
337 - 344	CARD 43	AIQ-BC-S-SCSI	BACK CARD # 13
345 - 352	CARD 44	AIQ-BC-S-SCSI	BACK CARD # 14
353 - 360	CARD 45	AIQ-BC-S-SCSI	BACK CARD # 15

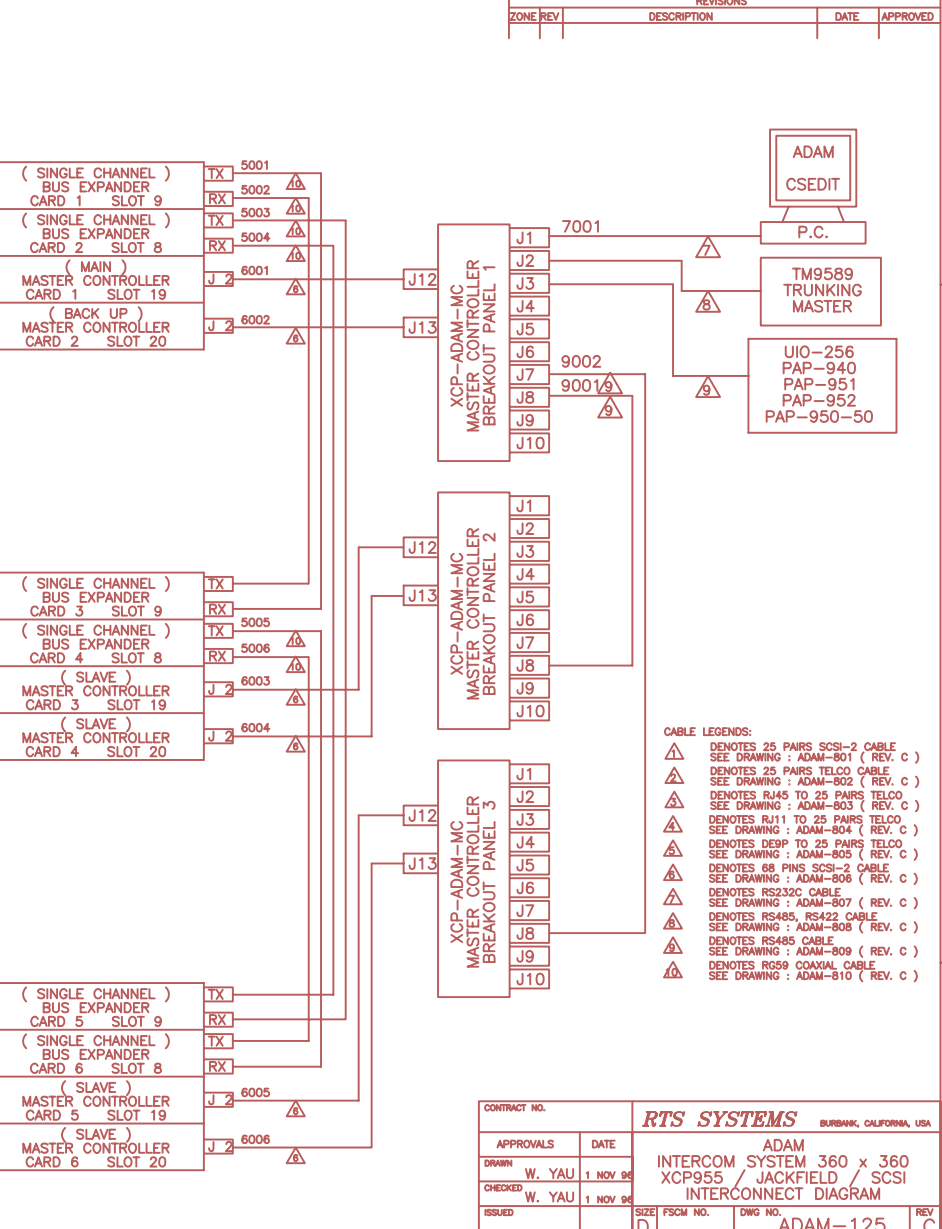
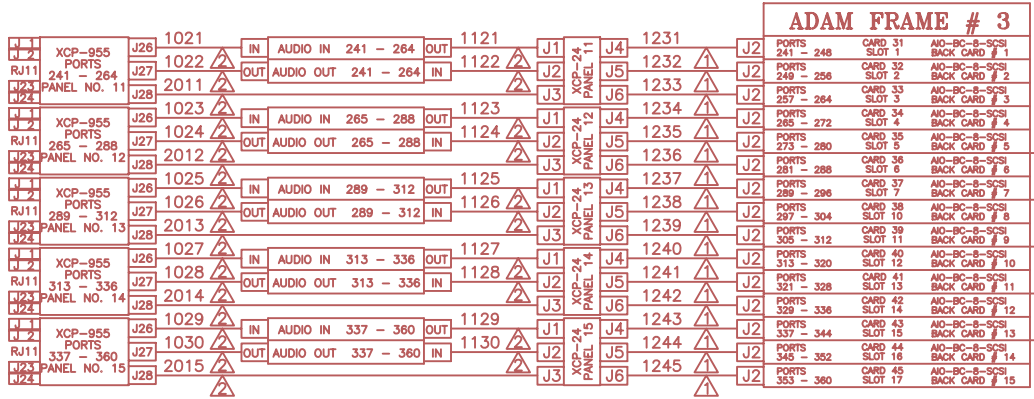
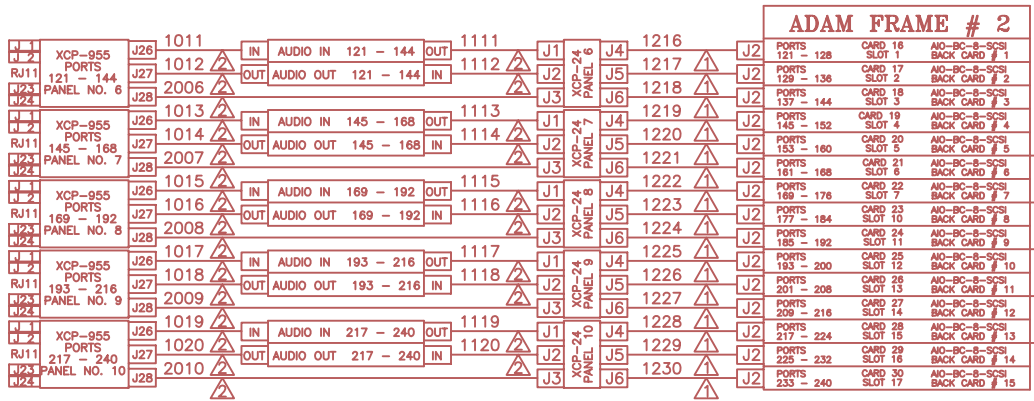
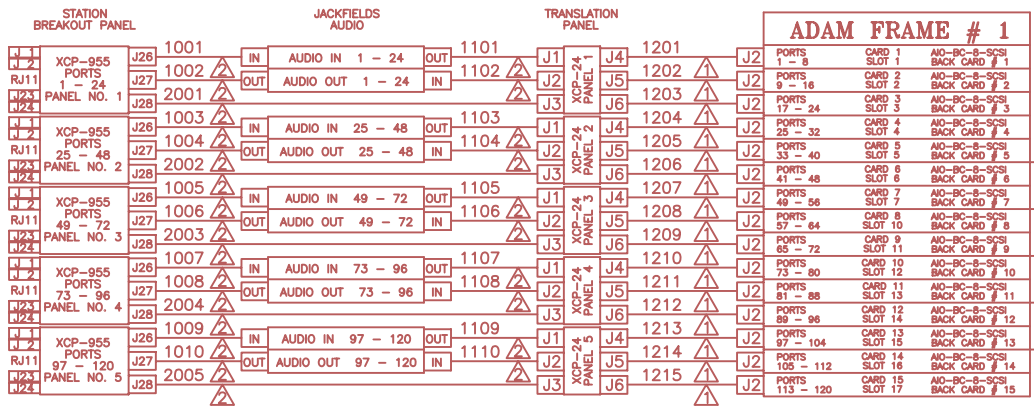
(SINGLE CHANNEL)
BUS EXPANDER
CARD 5 SLOT 9
TX 6005
RX 6006

(SINGLE CHANNEL)
BUS EXPANDER
CARD 6 SLOT 8
TX 6005
RX 6006

(SLAVE)
MASTER CONTROLLER
CARD 5 SLOT 19
TX 6005
RX 6006

(SLAVE)
MASTER CONTROLLER
CARD 6 SLOT 20
TX 6005
RX 6006

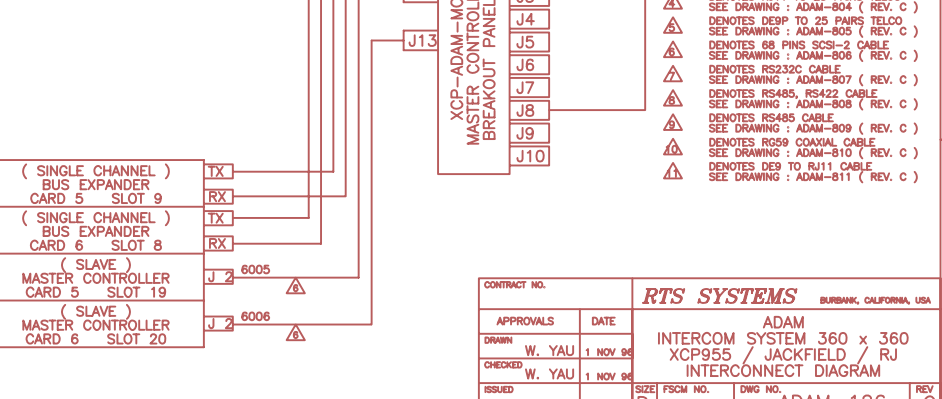
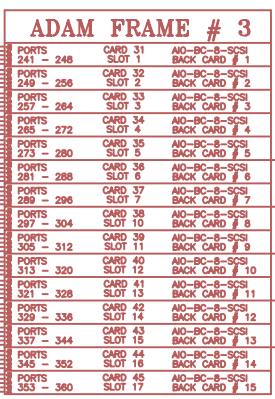
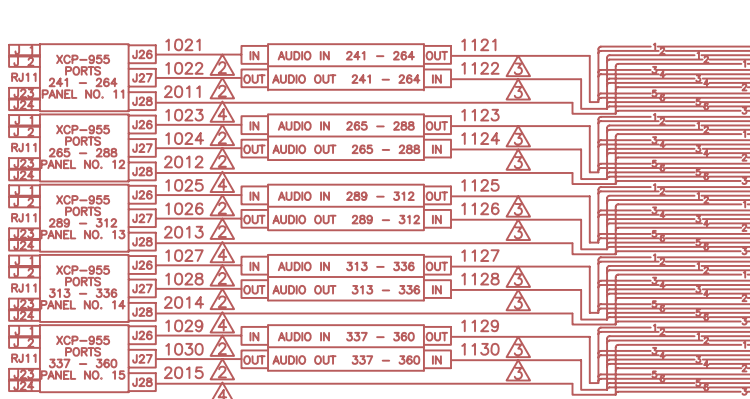
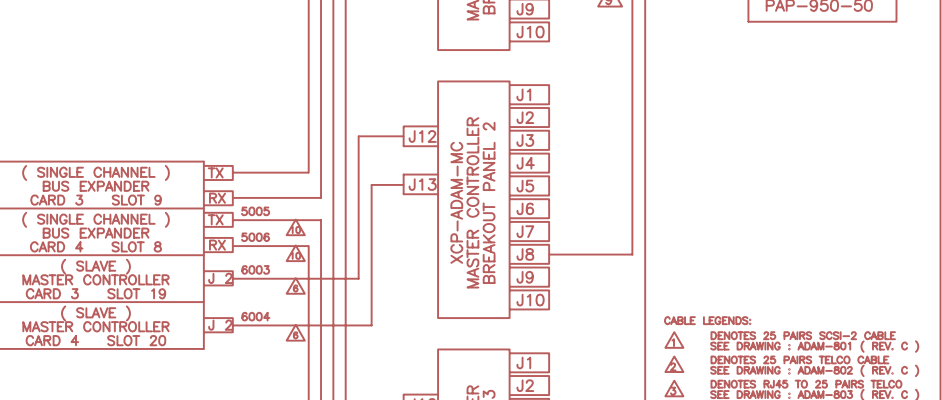
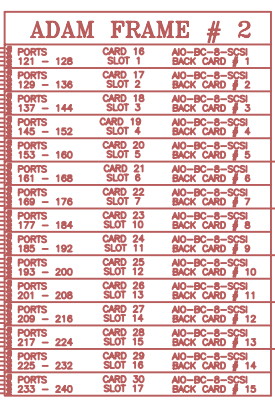
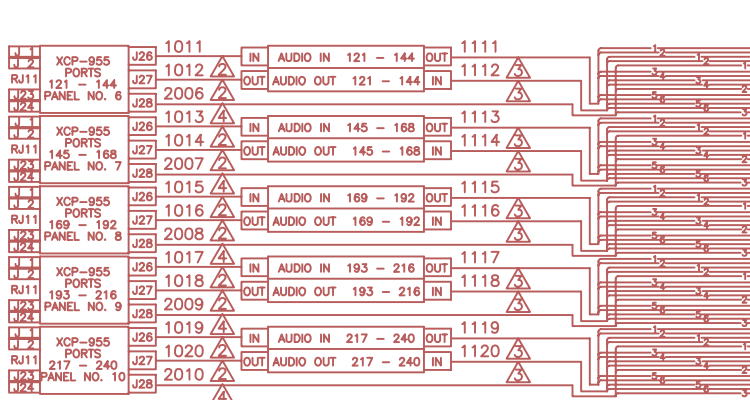
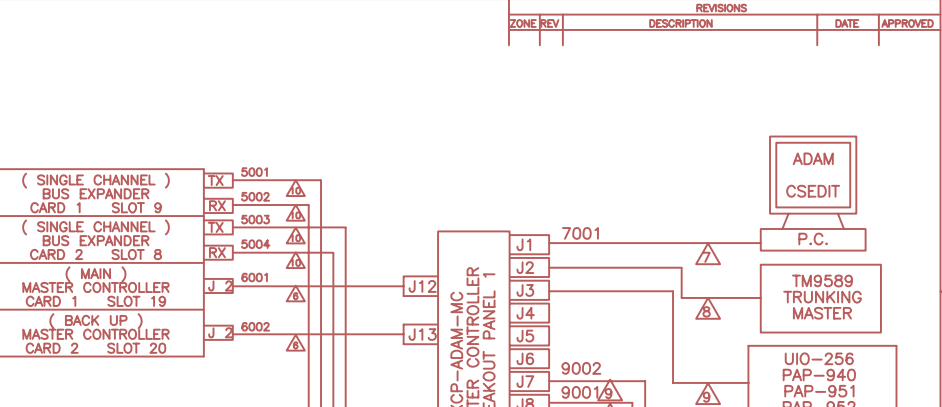
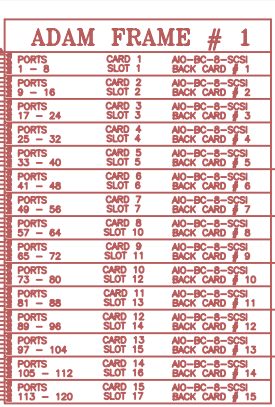
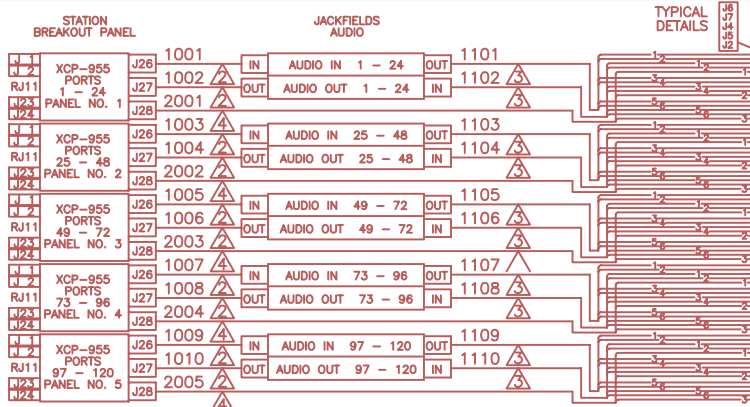
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APPROVALS	DATE	ADAM INTERCOM SYSTEM 360 x 360 XCP955 / JACKFIELD / RJ INTERCONNECT DIAGRAM	
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CHECKED W. YAU	1 NOV 96	DWG NO.	ADAM-124
ISSUED		SCALE	SHEET



ZONE	REV	DESCRIPTION	DATE	APPROVED

- CABLE LEGENDS:
- △ DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)
 - △ DENOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)
 - △ DENOTES RJ45 TO 25 PAIRS TELCO SEE DRAWING : ADAM-803 (REV. C)
 - △ DENOTES RJ11 TO 25 PAIRS TELCO SEE DRAWING : ADAM-804 (REV. C)
 - △ DENOTES DE9P TO 25 PAIRS TELCO SEE DRAWING : ADAM-805 (REV. C)
 - △ DENOTES 88 PINS SCSI-2 CABLE SEE DRAWING : ADAM-808 (REV. C)
 - △ DENOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)
 - △ DENOTES RS485, RS422 CABLE SEE DRAWING : ADAM-808 (REV. C)
 - △ DENOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)
 - △ DENOTES RS69 COAXIAL CABLE SEE DRAWING : ADAM-810 (REV. C)

CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA	
APPROVALS	DATE	ADAM INTERCOM SYSTEM 360 x 360 XCP955 / JACKFIELD / SCSI INTERCONNECT DIAGRAM	
DRAWN W. YAU	1 NOV 96	SIZE	FSCM NO. DWG NO. ADAM-125
CHECKED W. YAU	1 NOV 96	D	SHEET
ISSUED		SCALE	



- CABLE LEGENDS:
- △ DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING: ADAM-801 (REV. C)
 - △ DENOTES 25 PAIRS TELCO CABLE SEE DRAWING: ADAM-802 (REV. C)
 - △ DENOTES RJ45 TO 25 PAIRS TELCO SEE DRAWING: ADAM-803 (REV. C)
 - △ DENOTES DB9P TO 25 PAIRS TELCO SEE DRAWING: ADAM-805 (REV. C)
 - △ DENOTES 88 PINS SCSI-2 CABLE SEE DRAWING: ADAM-804 (REV. C)
 - △ DENOTES RS232C CABLE SEE DRAWING: ADAM-807 (REV. C)
 - △ DENOTES RS485, RS422 CABLE SEE DRAWING: ADAM-808 (REV. C)
 - △ DENOTES RS485 CABLE SEE DRAWING: ADAM-809 (REV. C)
 - △ DENOTES RS69 COAXIAL CABLE SEE DRAWING: ADAM-810 (REV. C)
 - △ DENOTES DE9 TO RJ11 CABLE SEE DRAWING: ADAM-811 (REV. C)

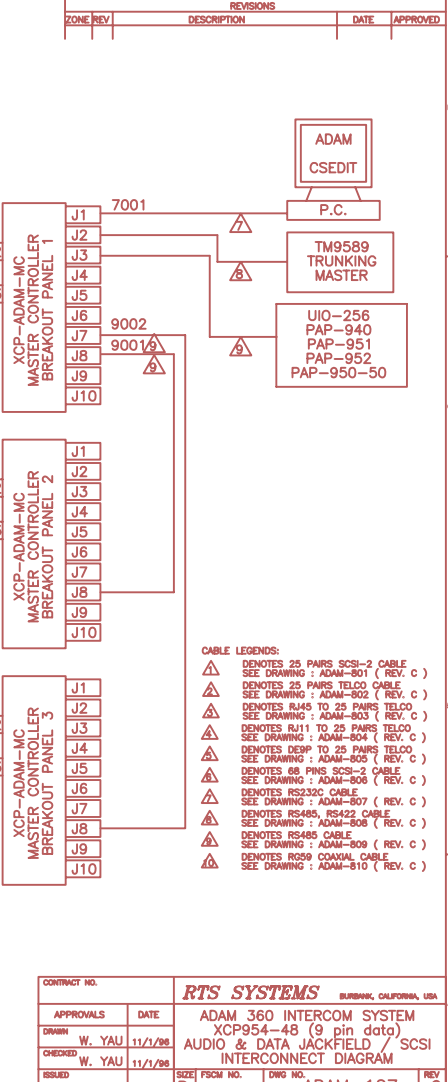
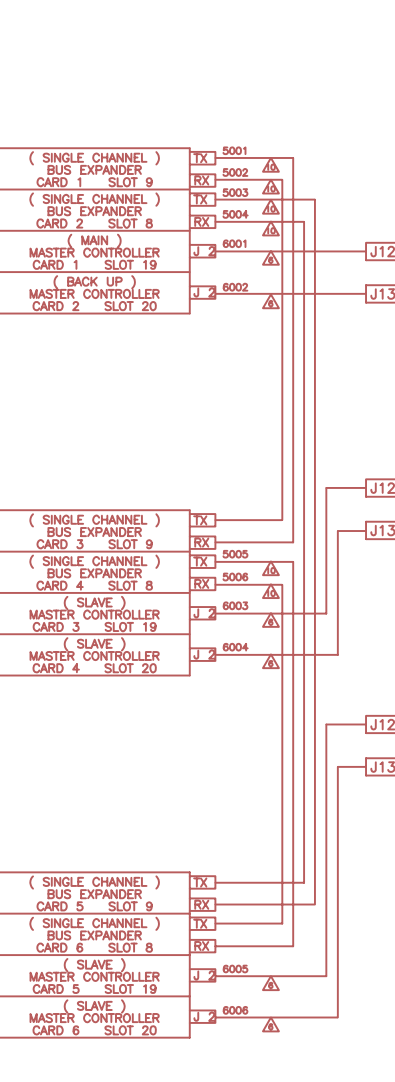
CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA	
APPROVALS	DATE	ADAM INTERCOM SYSTEM 360 x 360 XCP955 / JACKFIELD / RJ INTERCONNECT DIAGRAM	
DRAWN W. YAU	1 NOV 96	SIZE	FSCM NO. DWG NO. ADAM-126
CHECKED W. YAU	1 NOV 96	SCALE	SHEET
ISSUED			

STATION BREAKOUT PANEL		JACKFIELDS AUDIO AND DATA									
DE9P	XCP954-48 PORTS 1 - 48 PANEL NO. 1	J51	1001	IN	AUDIO IN 1 - 24	OUT	1101	J1	J4	1201	J2
		J53	1002	OUT	AUDIO OUT 1 - 24	IN	1102	J2	J5	1202	J2
		J55	2001	OUT	KP DATA 1 - 24	IN	2101	J3	J6	1203	J2
		J52	1003	IN	AUDIO IN 25 - 48	OUT	1103	J1	J4	1204	J2
		J54	1004	OUT	AUDIO OUT 25 - 48	IN	1104	J2	J5	1205	J2
		J56	2002	OUT	KP DATA 25 - 48	IN	2102	J2	J5	1206	J2
		J55	1005	IN	AUDIO IN 49 - 72	OUT	1105	J1	J4	1207	J2
DE9P	XCP954-48 PORTS 49 - 96 PANEL NO. 2	J51	1006	OUT	AUDIO OUT 49 - 72	IN	1106	J2	J5	1208	J2
		J53	2003	OUT	KP DATA 49 - 72	IN	2103	J3	J6	1209	J2
		J52	1007	IN	AUDIO IN 73 - 96	OUT	1107	J1	J4	1210	J2
		J54	1008	OUT	AUDIO OUT 73 - 96	IN	1108	J2	J5	1211	J2
		J56	2004	OUT	KP DATA 73 - 96	IN	2104	J2	J5	1212	J2
		J51	1009	IN	AUDIO IN 97 - 120	OUT	1109	J1	J4	1213	J2
		J53	1010	OUT	AUDIO OUT 97 - 120	IN	1110	J2	J5	1214	J2
DE9P	XCP954-48 PORTS 97 - 144 PANEL NO. 3	J55	2005	OUT	KP DATA 97 - 120	IN	2105	J3	J6	1215	J2
		J52	1011	IN	AUDIO IN 121 - 144	OUT	1111	J1	J4	1216	J2
		J54	1012	OUT	AUDIO OUT 121 - 144	IN	1112	J2	J5	1217	J2
		J56	2006	OUT	KP DATA 121 - 144	IN	2106	J3	J6	1218	J2
		J51	1013	IN	AUDIO IN 145 - 168	OUT	1113	J1	J4	1219	J2
		J53	1014	OUT	AUDIO OUT 145 - 168	IN	1114	J2	J5	1220	J2
		J55	2007	OUT	KP DATA 145 - 168	IN	2107	J3	J6	1221	J2
DE9P	XCP954-48 PORTS 145 - 192 PANEL NO. 4	J52	1015	IN	AUDIO IN 169 - 192	OUT	1115	J1	J4	1222	J2
		J54	1016	OUT	AUDIO OUT 169 - 192	IN	1116	J2	J5	1223	J2
		J56	2008	OUT	KP DATA 169 - 192	IN	2108	J3	J6	1224	J2
		J51	1017	IN	AUDIO IN 193 - 216	OUT	1117	J1	J4	1225	J2
		J53	1018	OUT	AUDIO OUT 193 - 216	IN	1118	J2	J5	1226	J2
		J55	2009	OUT	KP DATA 193 - 216	IN	2109	J3	J6	1227	J2
		J52	1019	IN	AUDIO IN 217 - 240	OUT	1119	J1	J4	1228	J2
DE9P	XCP954-48 PORTS 193 - 240 PANEL NO. 5	J54	1020	OUT	AUDIO OUT 217 - 240	IN	1120	J2	J5	1229	J2
		J56	2010	OUT	KP DATA 217 - 240	IN	2110	J3	J6	1230	J2
		J51	1021	IN	AUDIO IN 241 - 264	OUT	1121	J1	J4	1231	J2
		J53	1022	OUT	AUDIO OUT 241 - 264	IN	1122	J2	J5	1232	J2
		J55	2011	OUT	KP DATA 241 - 264	IN	2111	J3	J6	1233	J2
		J52	1023	IN	AUDIO IN 265 - 288	OUT	1123	J1	J4	1234	J2
		J54	1024	OUT	AUDIO OUT 265 - 288	IN	1124	J2	J5	1235	J2
DE9P	XCP954-48 PORTS 241 - 288 PANEL NO. 6	J56	2012	OUT	KP DATA 265 - 288	IN	2112	J3	J6	1236	J2
		J51	1025	IN	AUDIO IN 289 - 312	OUT	1125	J1	J4	1237	J2
		J53	1026	OUT	AUDIO OUT 289 - 312	IN	1126	J2	J5	1238	J2
		J55	2013	OUT	KP DATA 289 - 312	IN	2113	J3	J6	1239	J2
		J52	1027	IN	AUDIO IN 313 - 336	OUT	1127	J1	J4	1240	J2
		J54	1028	OUT	AUDIO OUT 313 - 336	IN	1128	J2	J5	1241	J2
		J56	2014	OUT	KP DATA 313 - 336	IN	2114	J3	J6	1242	J2
DE9P	XCP954-48 PORTS 337 - 360 PANEL NO. 7	J51	1029	IN	AUDIO IN 337 - 360	OUT	1129	J1	J4	1243	J2
		J53	1030	OUT	AUDIO OUT 337 - 360	IN	1130	J2	J5	1244	J2
		J55	2015	OUT	KP DATA 337 - 360	IN	2115	J3	J6	1245	J2
		J52	1031	IN	AUDIO IN 361 - 384	OUT	1131	J1	J4	1246	J2
		J54	1032	OUT	AUDIO OUT 361 - 384	IN	1132	J2	J5	1247	J2
		J56	2016	OUT	KP DATA 361 - 384	IN	2116	J3	J6	1248	J2
		J51	1033	IN	AUDIO IN 385 - 408	OUT	1133	J1	J4	1249	J2

ADAM FRAME # 1	
PORTS 1 - 6	CARD 1 AIO-BC-S-SCSI SLOT 1 AIO-BC-S-SCSI BACK CARD # 1
PORTS 7 - 16	CARD 2 AIO-BC-S-SCSI SLOT 2 AIO-BC-S-SCSI BACK CARD # 2
PORTS 17 - 24	CARD 3 AIO-BC-S-SCSI SLOT 3 AIO-BC-S-SCSI BACK CARD # 3
PORTS 25 - 32	CARD 4 AIO-BC-S-SCSI SLOT 4 AIO-BC-S-SCSI BACK CARD # 4
PORTS 33 - 40	CARD 5 AIO-BC-S-SCSI SLOT 5 AIO-BC-S-SCSI BACK CARD # 5
PORTS 41 - 48	CARD 6 AIO-BC-S-SCSI SLOT 6 AIO-BC-S-SCSI BACK CARD # 6
PORTS 49 - 56	CARD 7 AIO-BC-S-SCSI SLOT 7 AIO-BC-S-SCSI BACK CARD # 7
PORTS 57 - 64	CARD 8 AIO-BC-S-SCSI SLOT 8 AIO-BC-S-SCSI BACK CARD # 8
PORTS 65 - 72	CARD 9 AIO-BC-S-SCSI SLOT 9 AIO-BC-S-SCSI BACK CARD # 9
PORTS 73 - 80	CARD 10 AIO-BC-S-SCSI SLOT 10 AIO-BC-S-SCSI BACK CARD # 10
PORTS 81 - 88	CARD 11 AIO-BC-S-SCSI SLOT 11 AIO-BC-S-SCSI BACK CARD # 11
PORTS 89 - 96	CARD 12 AIO-BC-S-SCSI SLOT 12 AIO-BC-S-SCSI BACK CARD # 12
PORTS 97 - 104	CARD 13 AIO-BC-S-SCSI SLOT 13 AIO-BC-S-SCSI BACK CARD # 13
PORTS 105 - 112	CARD 14 AIO-BC-S-SCSI SLOT 14 AIO-BC-S-SCSI BACK CARD # 14
PORTS 113 - 120	CARD 15 AIO-BC-S-SCSI SLOT 15 AIO-BC-S-SCSI BACK CARD # 15

ADAM FRAME # 2	
PORTS 121 - 128	CARD 16 AIO-BC-S-SCSI SLOT 1 AIO-BC-S-SCSI BACK CARD # 1
PORTS 129 - 136	CARD 17 AIO-BC-S-SCSI SLOT 2 AIO-BC-S-SCSI BACK CARD # 2
PORTS 137 - 144	CARD 18 AIO-BC-S-SCSI SLOT 3 AIO-BC-S-SCSI BACK CARD # 3
PORTS 145 - 152	CARD 19 AIO-BC-S-SCSI SLOT 4 AIO-BC-S-SCSI BACK CARD # 4
PORTS 153 - 160	CARD 20 AIO-BC-S-SCSI SLOT 5 AIO-BC-S-SCSI BACK CARD # 5
PORTS 161 - 168	CARD 21 AIO-BC-S-SCSI SLOT 6 AIO-BC-S-SCSI BACK CARD # 6
PORTS 169 - 176	CARD 22 AIO-BC-S-SCSI SLOT 7 AIO-BC-S-SCSI BACK CARD # 7
PORTS 177 - 184	CARD 23 AIO-BC-S-SCSI SLOT 8 AIO-BC-S-SCSI BACK CARD # 8
PORTS 185 - 192	CARD 24 AIO-BC-S-SCSI SLOT 9 AIO-BC-S-SCSI BACK CARD # 9
PORTS 193 - 200	CARD 25 AIO-BC-S-SCSI SLOT 10 AIO-BC-S-SCSI BACK CARD # 10
PORTS 201 - 208	CARD 26 AIO-BC-S-SCSI SLOT 11 AIO-BC-S-SCSI BACK CARD # 11
PORTS 209 - 216	CARD 27 AIO-BC-S-SCSI SLOT 12 AIO-BC-S-SCSI BACK CARD # 12
PORTS 217 - 224	CARD 28 AIO-BC-S-SCSI SLOT 13 AIO-BC-S-SCSI BACK CARD # 13
PORTS 225 - 232	CARD 29 AIO-BC-S-SCSI SLOT 14 AIO-BC-S-SCSI BACK CARD # 14
PORTS 233 - 240	CARD 30 AIO-BC-S-SCSI SLOT 15 AIO-BC-S-SCSI BACK CARD # 15

ADAM FRAME # 3	
PORTS 241 - 248	CARD 31 AIO-BC-S-SCSI SLOT 1 AIO-BC-S-SCSI BACK CARD # 1
PORTS 249 - 256	CARD 32 AIO-BC-S-SCSI SLOT 2 AIO-BC-S-SCSI BACK CARD # 2
PORTS 257 - 264	CARD 33 AIO-BC-S-SCSI SLOT 3 AIO-BC-S-SCSI BACK CARD # 3
PORTS 265 - 272	CARD 34 AIO-BC-S-SCSI SLOT 4 AIO-BC-S-SCSI BACK CARD # 4
PORTS 273 - 280	CARD 35 AIO-BC-S-SCSI SLOT 5 AIO-BC-S-SCSI BACK CARD # 5
PORTS 281 - 288	CARD 36 AIO-BC-S-SCSI SLOT 6 AIO-BC-S-SCSI BACK CARD # 6
PORTS 289 - 296	CARD 37 AIO-BC-S-SCSI SLOT 7 AIO-BC-S-SCSI BACK CARD # 7
PORTS 297 - 304	CARD 38 AIO-BC-S-SCSI SLOT 8 AIO-BC-S-SCSI BACK CARD # 8
PORTS 305 - 312	CARD 39 AIO-BC-S-SCSI SLOT 9 AIO-BC-S-SCSI BACK CARD # 9
PORTS 313 - 320	CARD 40 AIO-BC-S-SCSI SLOT 10 AIO-BC-S-SCSI BACK CARD # 10
PORTS 321 - 328	CARD 41 AIO-BC-S-SCSI SLOT 11 AIO-BC-S-SCSI BACK CARD # 11
PORTS 329 - 336	CARD 42 AIO-BC-S-SCSI SLOT 12 AIO-BC-S-SCSI BACK CARD # 12
PORTS 337 - 344	CARD 43 AIO-BC-S-SCSI SLOT 13 AIO-BC-S-SCSI BACK CARD # 13
PORTS 345 - 352	CARD 44 AIO-BC-S-SCSI SLOT 14 AIO-BC-S-SCSI BACK CARD # 14
PORTS 353 - 360	CARD 45 AIO-BC-S-SCSI SLOT 15 AIO-BC-S-SCSI BACK CARD # 15



- CABLE LEGENDS:
- ⚠ DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING : ADAM-801 (REV. C)
 - ⚠ DENOTES 25 PAIRS TELCO CABLE SEE DRAWING : ADAM-802 (REV. C)
 - ⚠ DENOTES RJ45 TO 25 PAIRS TELCO SEE DRAWING : ADAM-803 (REV. C)
 - ⚠ DENOTES RJ11 TO 25 PAIRS TELCO SEE DRAWING : ADAM-804 (REV. C)
 - ⚠ DENOTES D59P TO 25 PAIRS TELCO SEE DRAWING : ADAM-805 (REV. C)
 - ⚠ DENOTES 68 PINS SCSI-2 CABLE SEE DRAWING : ADAM-806 (REV. C)
 - ⚠ DENOTES RS232C CABLE SEE DRAWING : ADAM-807 (REV. C)
 - ⚠ DENOTES RS485, RS422 CABLE SEE DRAWING : ADAM-808 (REV. C)
 - ⚠ DENOTES RS485 CABLE SEE DRAWING : ADAM-809 (REV. C)
 - ⚠ DENOTES RS59 COAXIAL CABLE SEE DRAWING : ADAM-810 (REV. C)

CONTRACT NO.

APPROVALS DATE

DRAWN W. YAU 11/1/98

CHECKED W. YAU 11/1/98

ISSUED

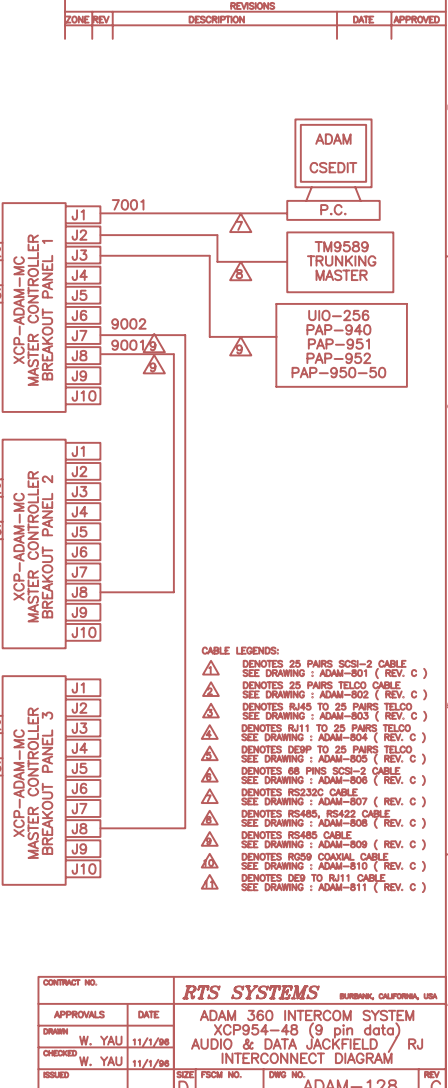
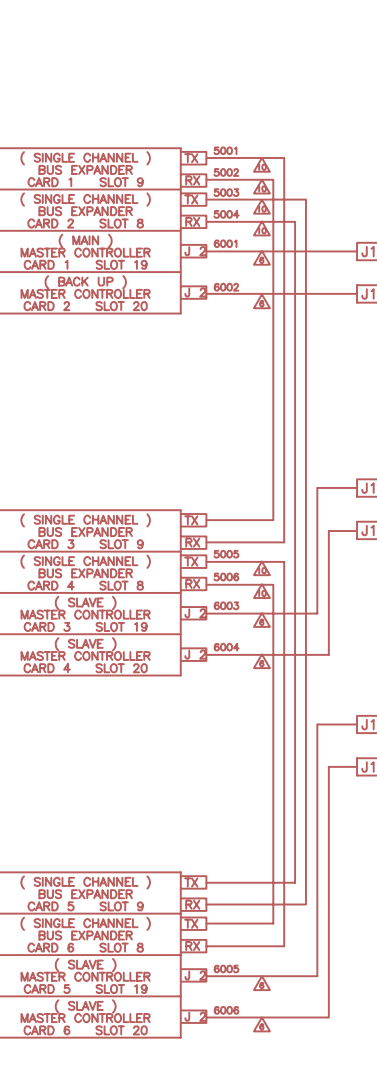
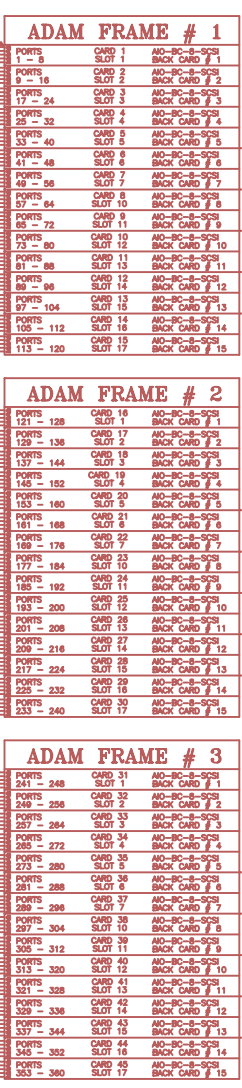
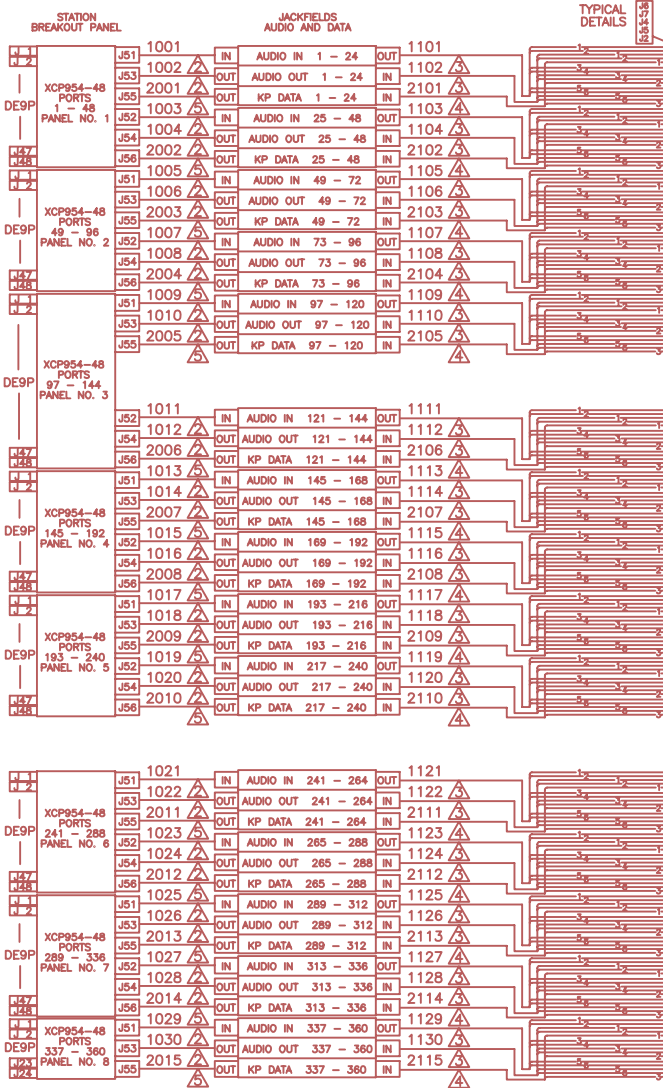
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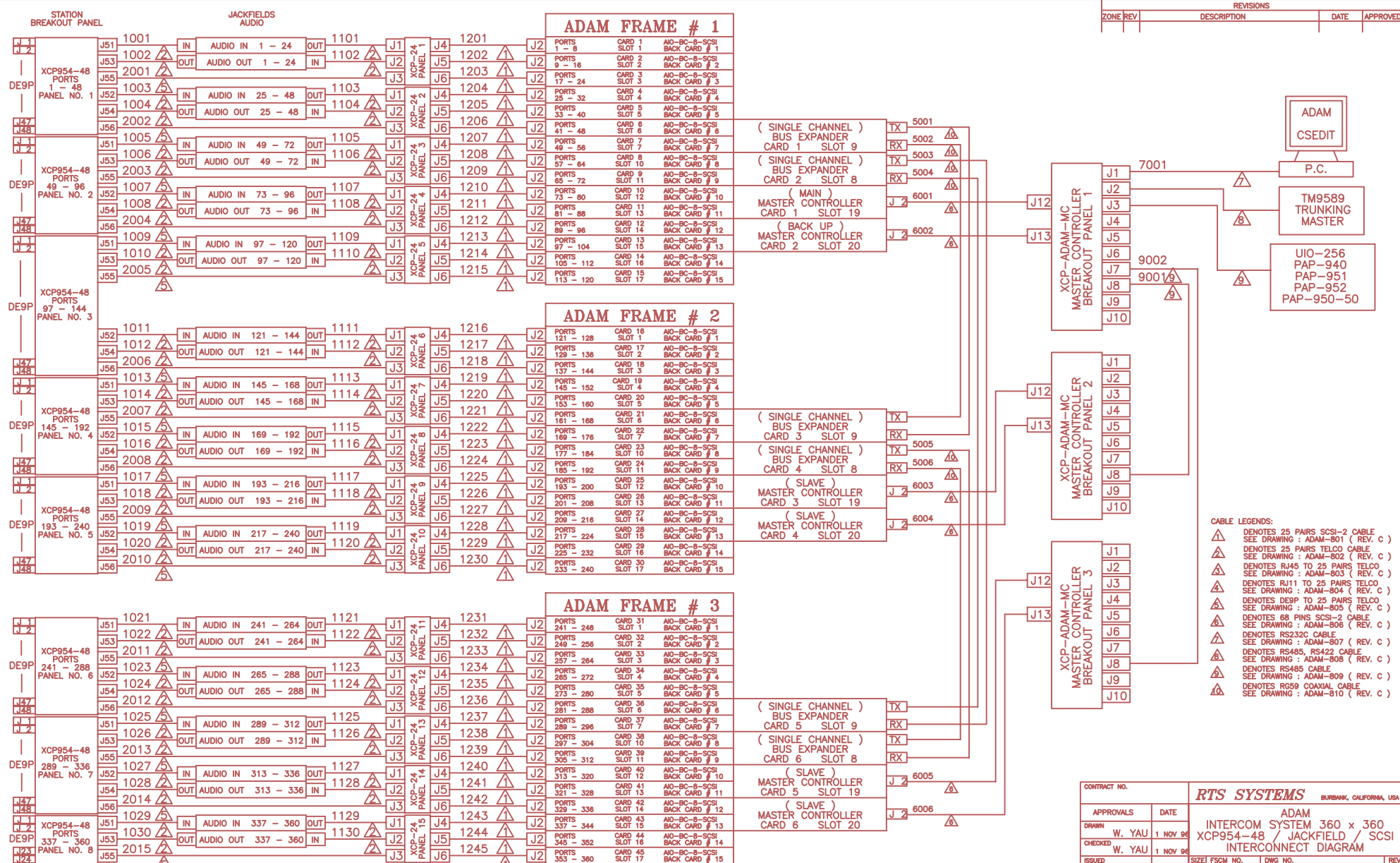
SCALE SHEET

RTS SYSTEMS BUREN, CALIFORNIA, USA

ADAM 360 INTERCOM SYSTEM XCP954-48 (9 pin data) AUDIO & DATA JACKFIELD / SCSI INTERCONNECT DIAGRAM

ADAM127C

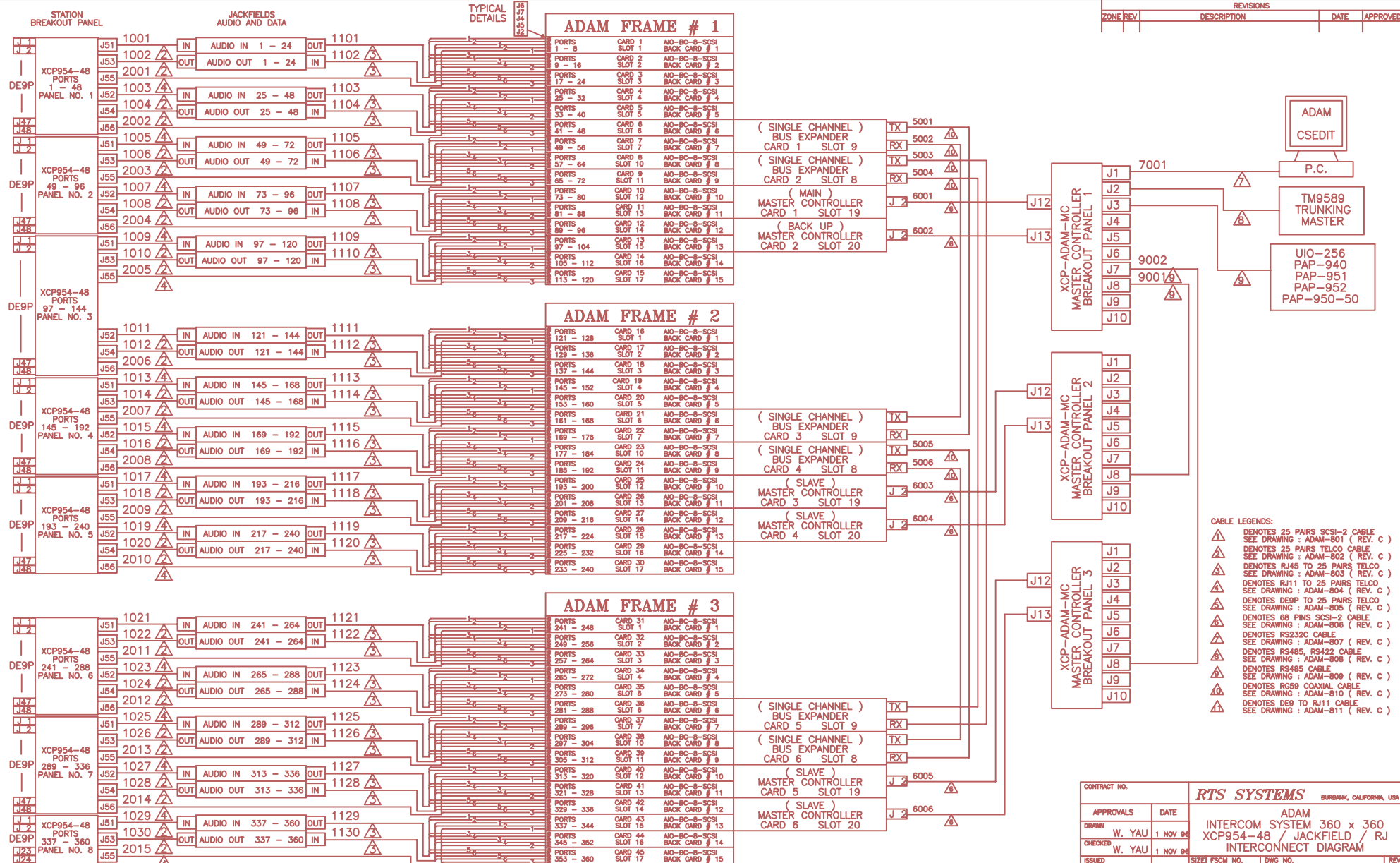




ZONE	REV	DESCRIPTION	DATE	APPROVED

- CABLE LEGENDS:
- ▲ DENOTES 25 PAIRS SCSI-2 CABLE SEE DRAWING: ADAM-801 (REV. C)
 - ▲ DENOTES 25 PAIRS TELCO CABLE SEE DRAWING: ADAM-802 (REV. C)
 - ▲ DENOTES RJ45 TO 25 PAIRS TELCO SEE DRAWING: ADAM-803 (REV. C)
 - ▲ DENOTES RJ11 TO 25 PAIRS TELCO SEE DRAWING: ADAM-804 (REV. C)
 - ▲ DENOTES DE9P TO 25 PAIRS TELCO SEE DRAWING: ADAM-805 (REV. C)
 - ▲ DENOTES 88 PINS SCSI-2 CABLE SEE DRAWING: ADAM-808 (REV. C)
 - ▲ DENOTES RS232C CABLE SEE DRAWING: ADAM-807 (REV. C)
 - ▲ DENOTES RS485, RS422 CABLE SEE DRAWING: ADAM-808 (REV. C)
 - ▲ DENOTES RS485 CABLE SEE DRAWING: ADAM-809 (REV. C)
 - ▲ DENOTES RS69 COAXIAL CABLE SEE DRAWING: ADAM-810 (REV. C)

CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA			
APPROVALS	DATE	ADAM INTERCOM SYSTEM 360 x 360 XCP954-48 / JACKFIELD / SCSI INTERCONNECT DIAGRAM			
DRAWN	W. YAU	1 NOV 96			
CHECKED	W. YAU	1 NOV 96			
ISSUED					
ADAM129C		SIZE	FSCM NO.	DWG NO.	REV
		SCALE	ADAM-129		C
					SHEET



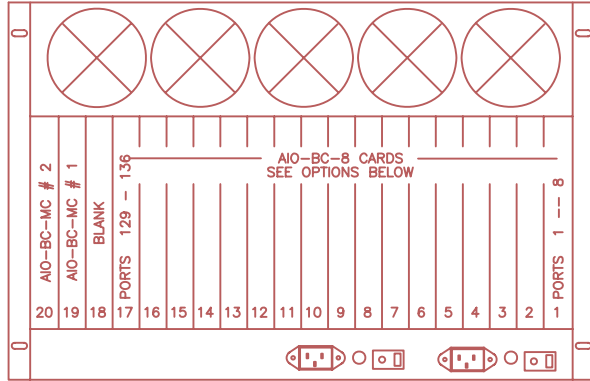
ZONE	REV	DESCRIPTION	DATE	APPROVED

- CABLE LEGENDS:**
- △ DENOTES 25 PAIRS SCSI-2 CABLE
SEE DRAWING: ADAM-801 (REV. C)
 - △ DENOTES 25 PAIRS TELCO CABLE
SEE DRAWING: ADAM-802 (REV. C)
 - △ DENOTES RJ45 TO 25 PAIRS TELCO
SEE DRAWING: ADAM-803 (REV. C)
 - △ DENOTES DE9P TO 25 PAIRS TELCO
SEE DRAWING: ADAM-805 (REV. C)
 - △ DENOTES 88 PINS SCSI-2 CABLE
SEE DRAWING: ADAM-804 (REV. C)
 - △ DENOTES RS232C CABLE
SEE DRAWING: ADAM-807 (REV. C)
 - △ DENOTES RS485, RS422 CABLE
SEE DRAWING: ADAM-808 (REV. C)
 - △ DENOTES RS485 CABLE
SEE DRAWING: ADAM-809 (REV. C)
 - △ DENOTES RS69 COAXIAL CABLE
SEE DRAWING: ADAM-810 (REV. C)
 - △ DENOTES DE9 TO RJ11 CABLE
SEE DRAWING: ADAM-811 (REV. C)

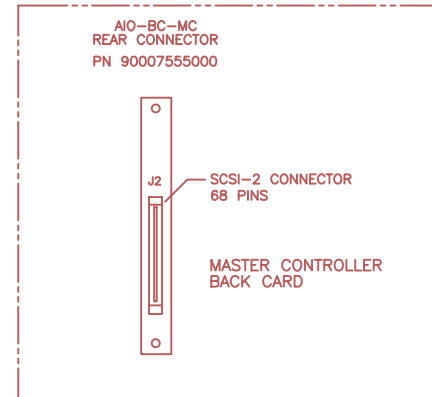
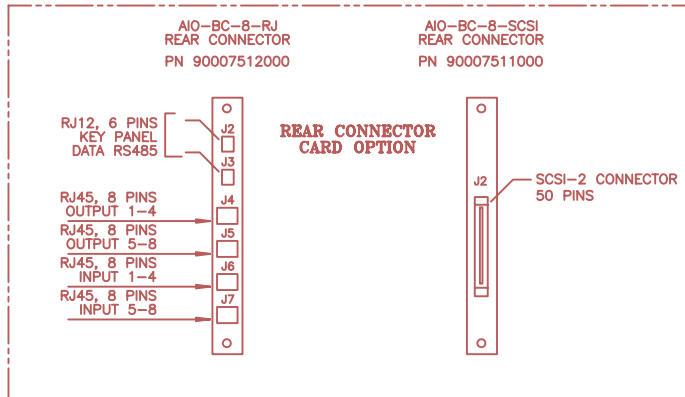
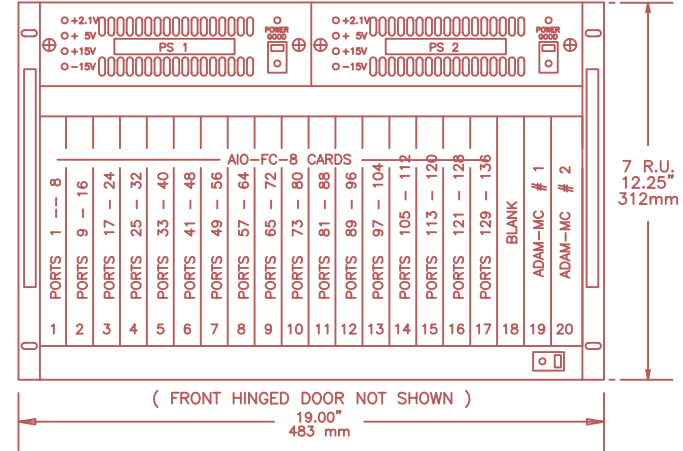
CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA		
APPROVALS	DATE	ADAM INTERCOM SYSTEM 360 x 360 XCP954-48 / JACKFIELD / RJ INTERCONNECT DIAGRAM		
DRAWN W. YAU	1 NOV 96	SIZE	FSCM NO.	DWG NO. ADAM-130
CHECKED W. YAU	1 NOV 96	D		REV C
ISSUED		SCALE		SHEET
ADAM130C				

ZONE REV		REVISIONS	DATE	APPROVED

ADAM MATRIX FRAME REAR VIEW



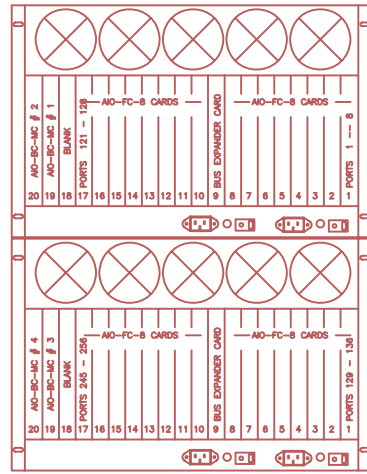
ADAM MATRIX FRAME FRONT VIEW



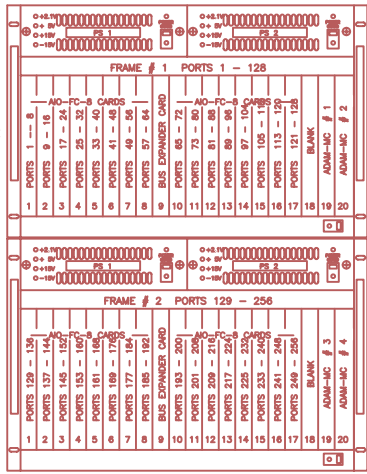
UNLESS OTHERWISE SPECIFIED
INCLUDE ALL DIMS & HOLE DRILL SIZES
REF: ASME Y14.5, Y14.7, Y14.75, Y14.78
DIMENSIONS ARE IN INCHES
TOLERANCES AND DECIMALS
FRACTIONS
PL/16 J: P/20
Z: P/30
Z/20P/210

CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA	
APPROVALS	DATE	ADAM INTERCOM SYSTEM MATRIX FRAME LAYOUT	
DRAWN W. YAU	29 OCT 98	SIZE D	FSCM NO. ADAM-301
CHECKED W. YAU	29 OCT 98	DWG NO.	REV C
ISSUED		SCALE N/C	SHEET
APPLICATION ADAM301C			

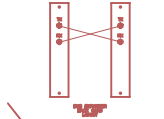
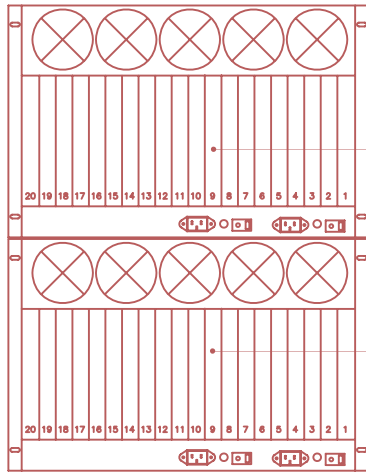
**ADAM MATRIX FRAME
REAR VIEW**



**ADAM MATRIX FRAMES
FRONT VIEW**



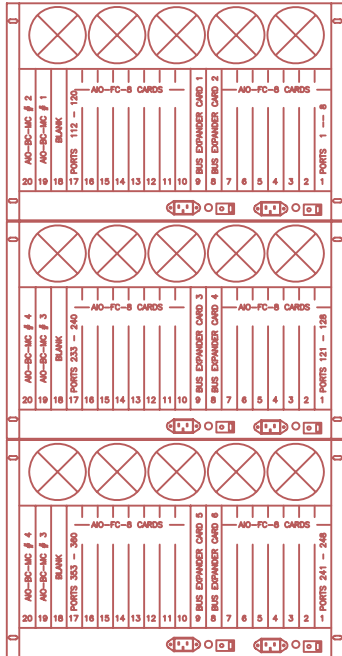
**ADAM MATRIX FRAME
REAR VIEW**



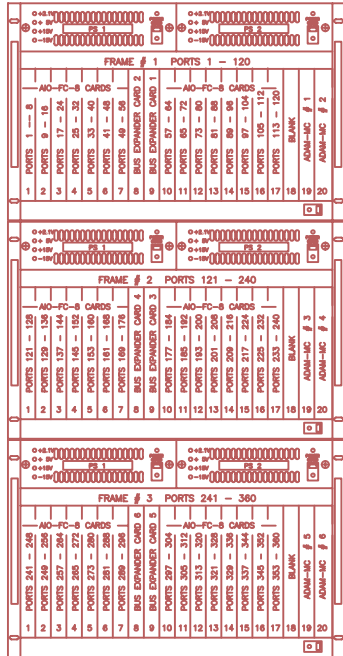
Each line represents 2 coax cables connected to their respective TX and RX connectors as shown above

(PLEASE COMPLETE BACKED) MODEL NO. 256 x 256 MATRIX FRAME REV. 01/78 PART NO. 256-001 P/N SERIAL NO.		CONTRACT NO. APPROVALS DATE DRAWN G.B. 8/28/01 CHECKED G.B. 8/28/01	RTS SYSTEMS BERRING, CALIFORNIA, USA ADAM INTERCOM SYSTEM 256 x 256 FRAME WITH SBX
NEXT ASSY USED ON APPLICATION	FROM	SCALE NQ	SHEET FROM NO. D SHEET NO. ADAM-302 REV.

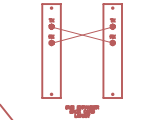
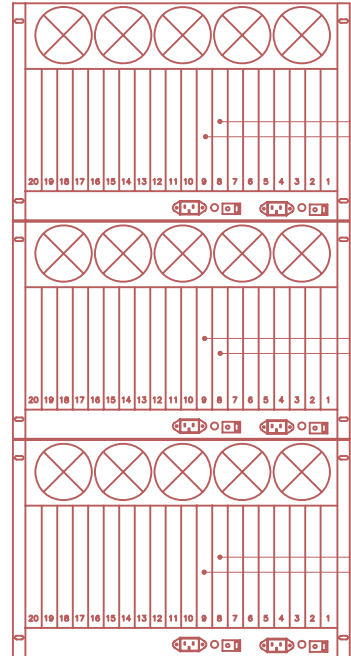
ADAM MATRIX FRAMES REAR VIEW



ADAM MATRIX FRAMES FRONT VIEW



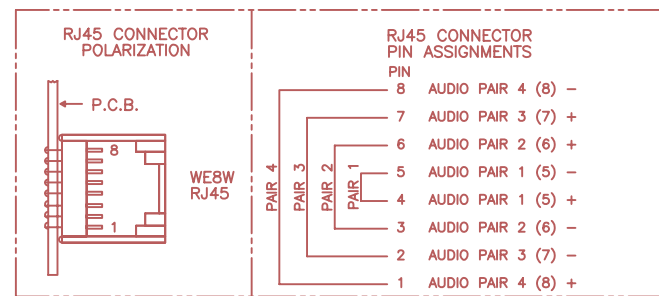
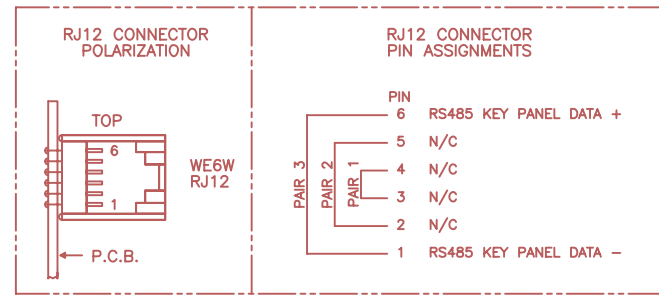
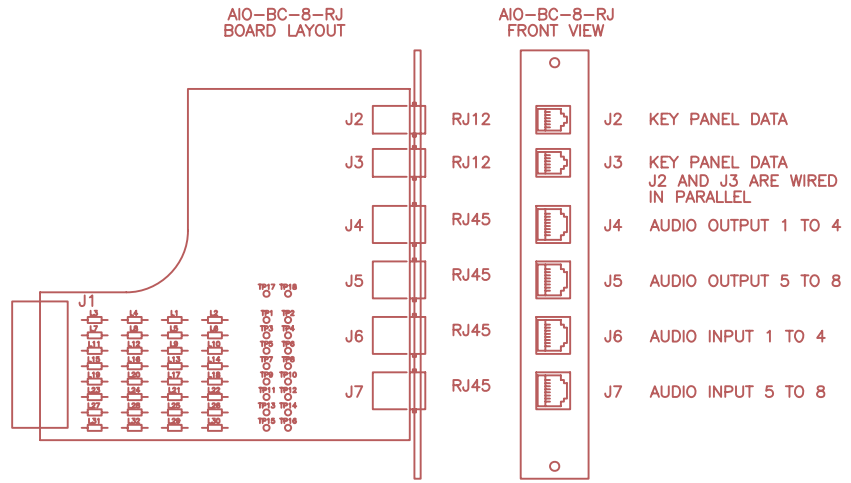
BUS EXPANDER INTERCONNECT REAR VIEW



Each line represents 2 coax cables connected to their respective TX and RX connectors as shown above

RELEASE CONTROLLER SPECIFIED MODEL AND PART NUMBER TO BE USED FOR INTERCONNECTS SHALL BE IDENTIFIED BY THIS NUMBER		CONTRACT NO. APPROVALS DATE DRAWN BY: VAL/S, BID:RHD 13 MAY 67 CHECKED BY: VAL/S, BID:RHD 13 MAY 67	RTS SYSTEMS BIRDMINGHAM, CALIFORNIA, U.S.A. ADAM INTERCOM SYSTEM 360 X 360 MATRIX FRAMES LAYOUT AND SBX INTERCONNECT
NEXT ASSY USED ON APPLICATION	PART NO. QUANTITY UNIT PRICE TOTAL PRICE SPECIAL FINISH	QUANTITY UNIT PRICE TOTAL PRICE SPECIAL FINISH	SIGHT FROM NO. DWG NO. ADAM-303 REV D SCALE NO. SHEET

ZONE REV		REVISIONS		DATE	APPROVED



UNLESS OTHERWISE SPECIFIED FOLLOW ALL RULES & DIMS SHOWN REF: IPC-2221, IPC-2225, IPC-2226 DIMENSIONS ARE IN INCHES TOLERANCES AND DECIMALS FRAC/16 IN. F/320 IN. F/320 F/16 IN. F/320 IN. F/320 F/16 IN. F/320 IN. F/320		CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA	
APPROVALS		DATE			
DRAWN		W. YAU 2 NOV 96		AIO-BC-8-RJ ANALOG INPUT / OUTPUT BACK CARD / RJ12 / RJ45 COMPONENT LAYOUT	
CHECKED		W. YAU 2 NOV 96			
ISSUED				SIZE	
NEXT ASSY		USED ON		FSCM NO.	
APPLICATION		ADAM305C		DWG NO.	
				ADAM-305	
				REV	
				C	
				SHEET	
				1	

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

XCP-24 VIEW FROM CONNECTOR SIDE



J1, J2, J3 ARE 50 PIN TELCO, FEMALE CHASSIS TYPE
 J4, J5, J6 ARE 50 PIN SCSI 2, FEMALE CHASSIS TYPE

UNLESS OTHERWISE SPECIFIED
 FINISH ALL SURF. & BURN SWAMP EDGES
 HOLE FINISH TO BE
 HOLE FINISH TO BE
 TO FINISH AND
 FINISH TO BE
 FINISH TO BE
 FINISH TO BE
 FINISH TO BE
 FINISH TO BE

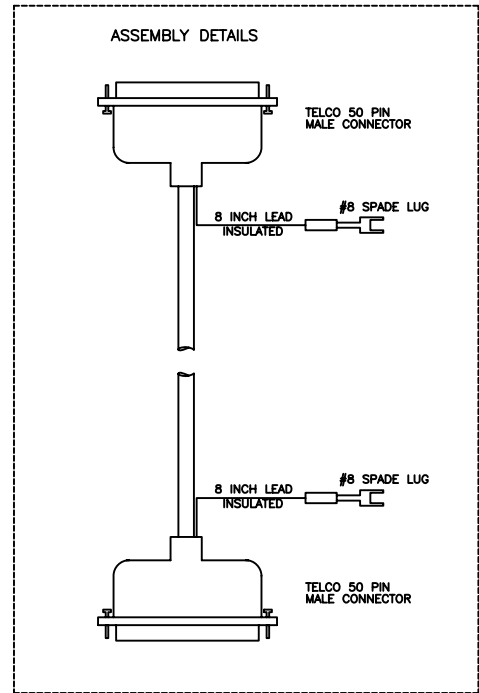
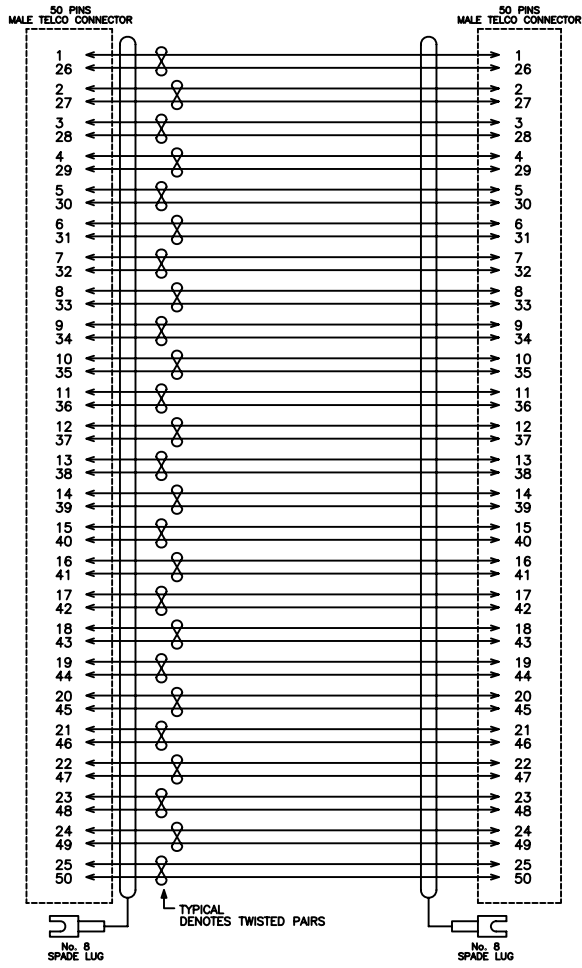
CONTRACT NO.
 APPROVALS
 DATE
 DRAWN
 W. YAU
 6 NOV 96
 CHECKED
 W. YAU
 6 NOV 96
 ISSUED

RTS SYSTEMS BURBANK, CALIFORNIA, USA
 ADAM
 INTERCOM SYSTEM
 XCP - 24
 PANEL LAYOUT

NEXT ASSY	USED ON	
APPLICATION		

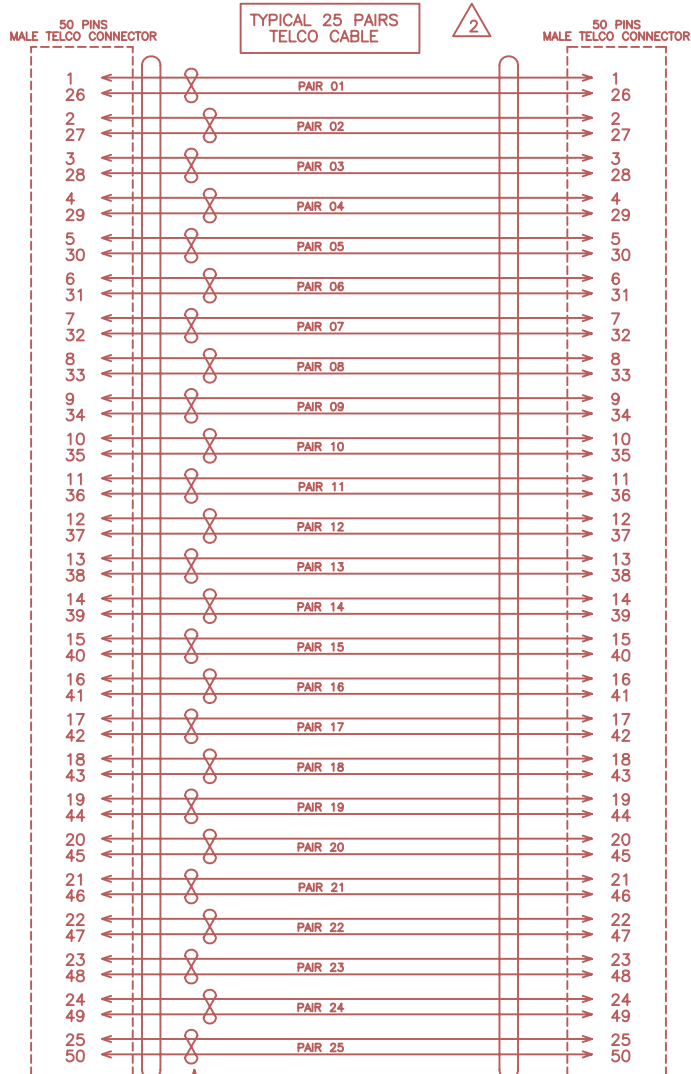
ADAM306C	SCALE		SHEET	1
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REVISIONS		DESCRIPTION	DATE	APPROVED

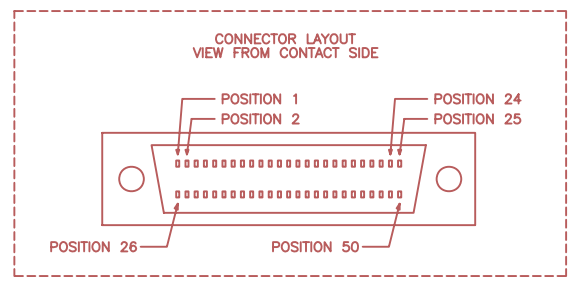
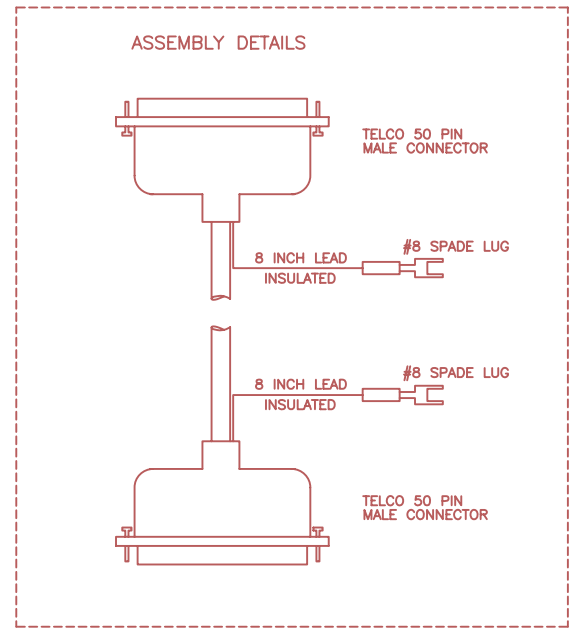


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE IN INCHES TOLERANCES ARE IN MILLIMETERS FINISH		CONTRACT NO.	RTS SYSTEMS BURENAC, CALIFORNIA, USA	
APPROVALS	DATE	ADAM INTERCOM SYSTEM AUDIO INPUT / OUTPUT 25 PAIRS TELCO CABLE		
DRAWN W. YAU	24 MAY 85	CHECKED W. YAU	24 MAY 85	REV A
NEXT ASSY	USED ON	ISSUED	SIZE PSCM NO.	DWG NO. ADAM801X
APPLICATION	FINISH	ADAM-801	SCALE	SHEET

ZONE REV		REVISIONS	DATE	APPROVED

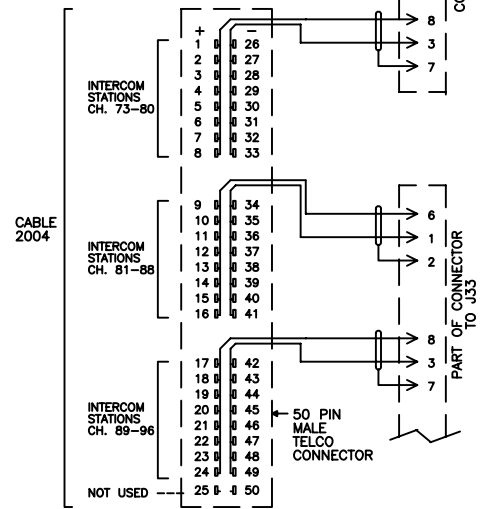
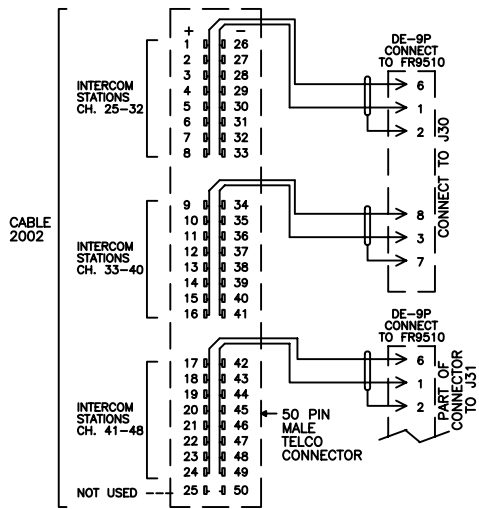
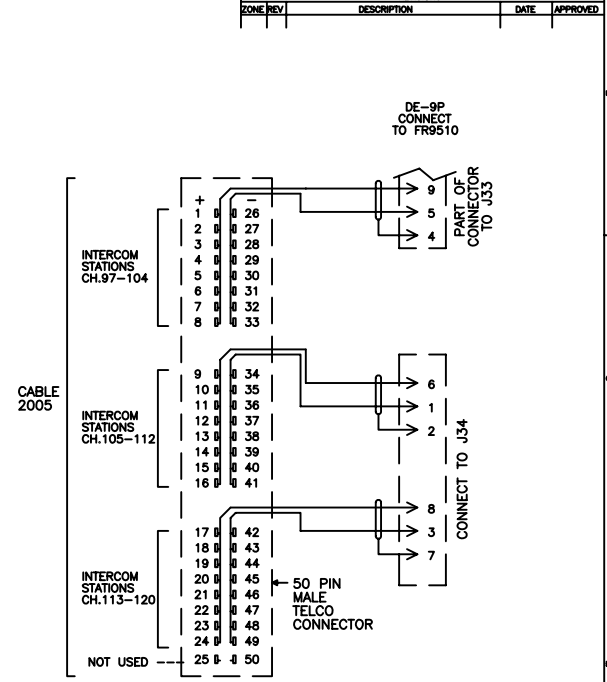
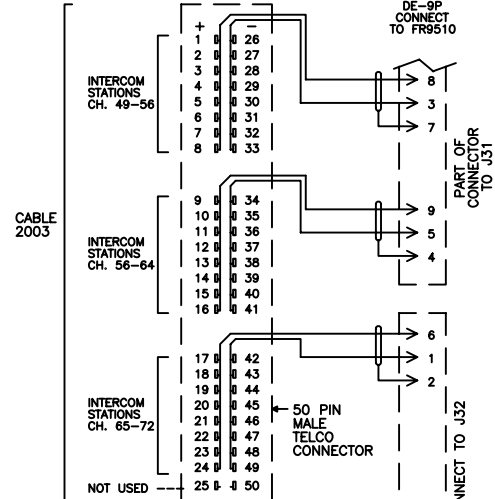
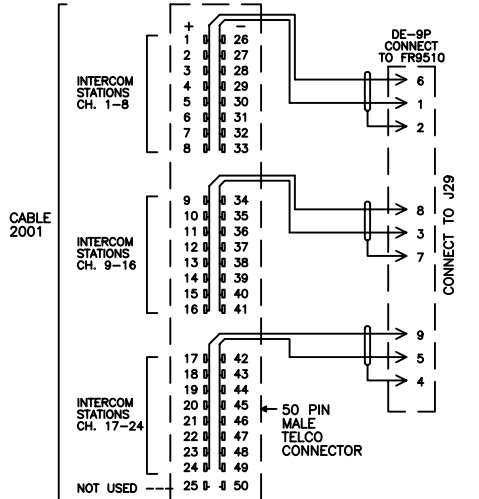


CABLE DETAILS FOR : 2



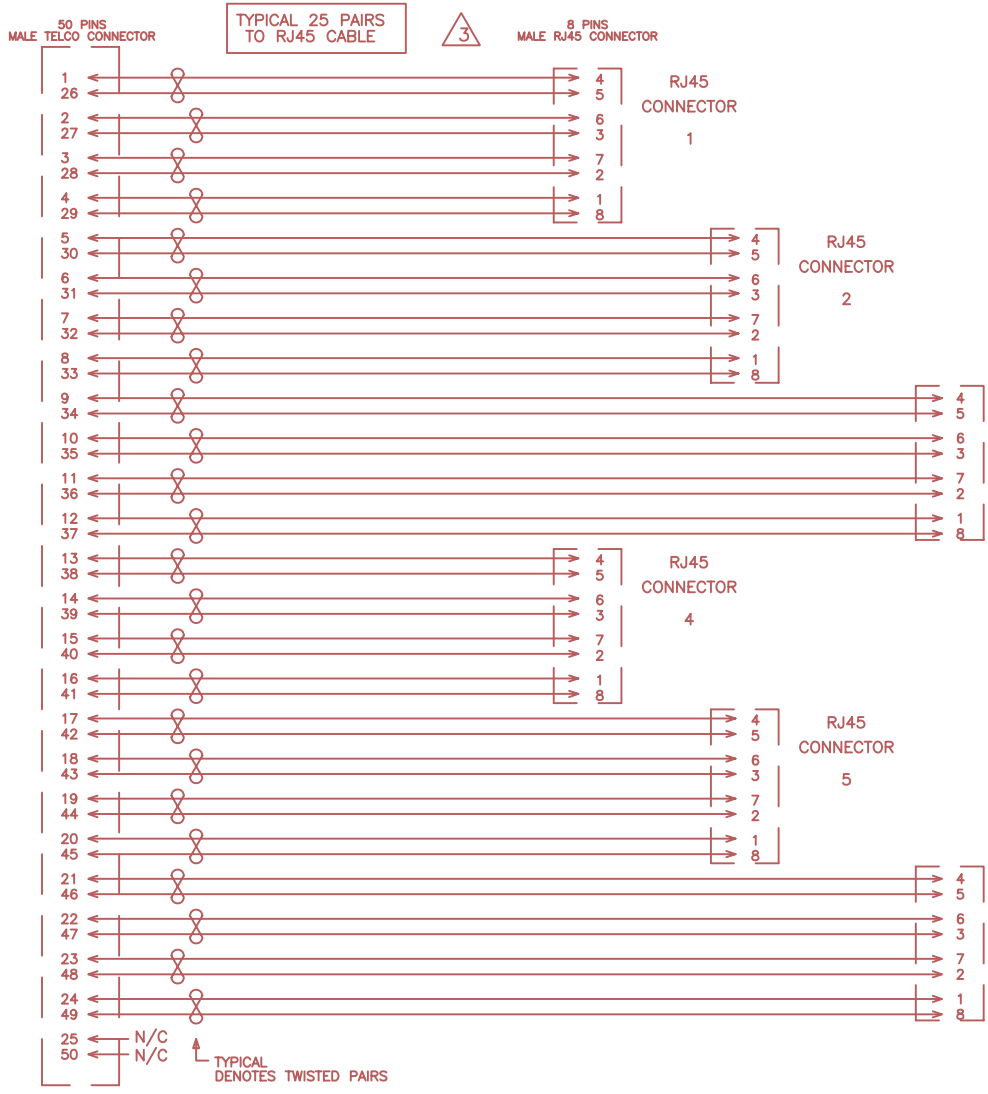
UNLESS OTHERWISE SPECIFIED		CONTRACT NO.		RTS SYSTEMS		BURBANK, CALIFORNIA, USA	
<small>REMOVE ALL BLENDS & BRIGIT SWAMP LENSES MOUNT 300V-150W, R1072 OVER BRIGIT AND 1/8 TUBESHOES AND SIGNALS AWHLER P1/16 J. P. 000 J00P/010</small>		ADAM802C		ADAM INTERCOM SYSTEM AUDIO INPUT / OUTPUT 25 PAIRS TELCO CABLE		REV C SHEET	
DRAWN	W. YAU	DATE	1 NOV 96	SIZE	FSCM NO.	DWG NO.	ADAM-802
CHECKED	W. YAU	DATE	1 NOV 96	SCALE			
ISSUED							
NEXT ASSY	USED ON	FINISH					
APPLICATION							

ZONE REV		DESCRIPTION	REVISIONS	DATE	APPROVED

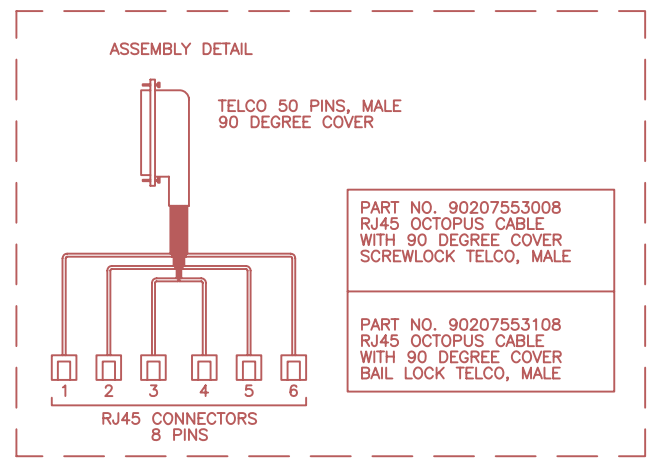


CONTRACT NO.		RTS SYSTEMS		SUNBANK, CALIFORNIA, USA	
APPROVALS	DATE	ADAM INTERCOM SYSTEM KEY PANEL TRANSLATION DATA CABLES DETAILS			
DRAWN W. YAU	25 MAY 88	DWG NO. ADAM802X			
CHECKED W. YAU	25 MAY 88	REV A			
ISSUED D	SCALE	SHEET		SHEET	
ADAM-802		SHEET			

REVISIONS		DATE	APPROVED
1			
2			
3			

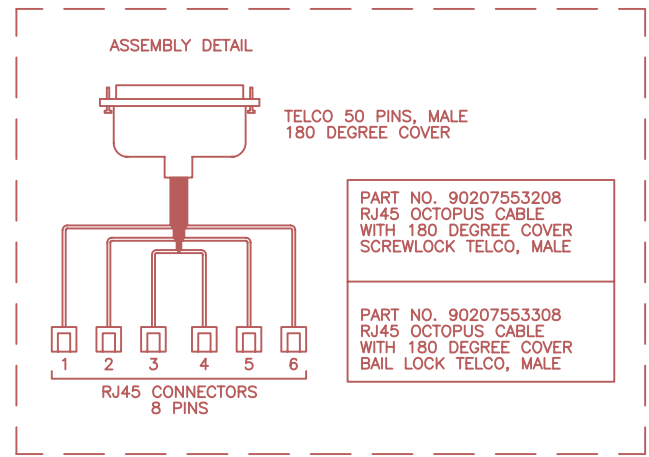


NOTE:
CABLE DETAILS FOR



PART NO. 90207553008
RJ45 OCTOPUS CABLE
WITH 90 DEGREE COVER
SCREWLOCK TELCO, MALE

PART NO. 90207553108
RJ45 OCTOPUS CABLE
WITH 90 DEGREE COVER
BAIL LOCK TELCO, MALE



PART NO. 90207553208
RJ45 OCTOPUS CABLE
WITH 180 DEGREE COVER
SCREWLOCK TELCO, MALE

PART NO. 90207553308
RJ45 OCTOPUS CABLE
WITH 180 DEGREE COVER
BAIL LOCK TELCO, MALE

UNLESS OTHERWISE SPECIFIED
INCLUDE ALL BUBBLES & BRIGHT SHARP EDGES
REF. DIMENSIONS
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
F1/16 .005 .0005 .0005
X .000 .0005 .0005
Z .0005 .0005 .0005

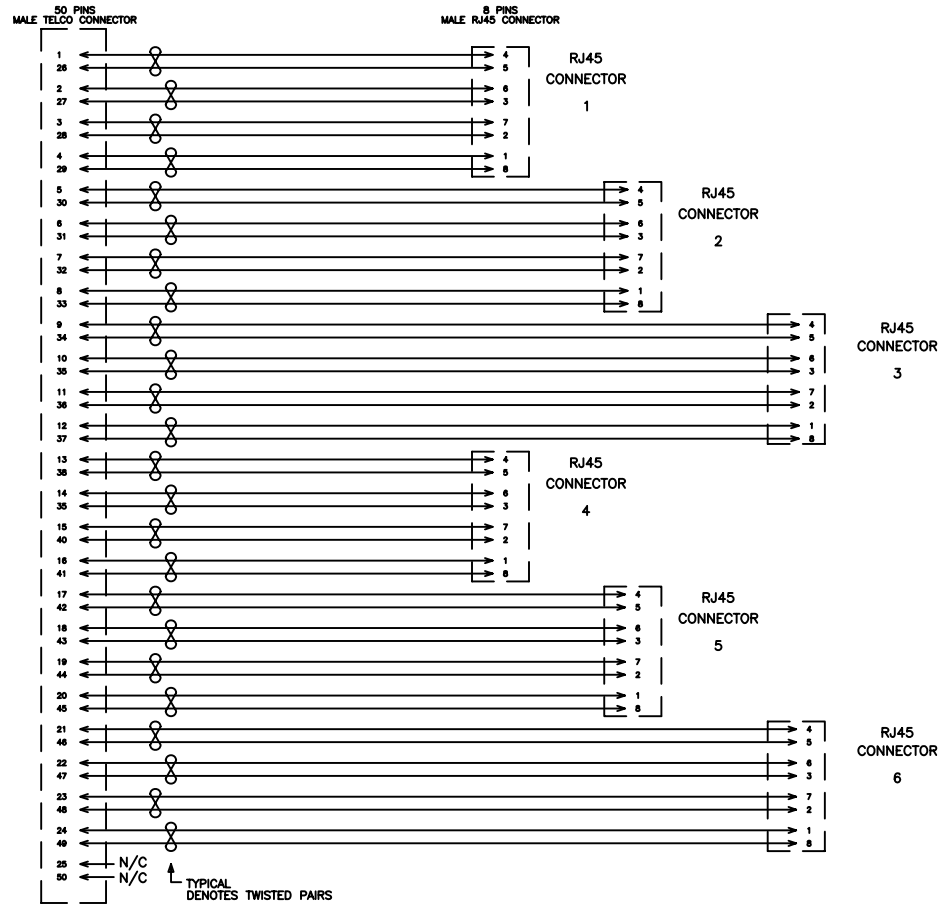
CONTRACT NO.	
APPROVALS	DATE
DRAWN W. YAU	1 NOV 96
CHECKED W. YAU	1 NOV 96
ISSUED	

RTS SYSTEMS BURBANK, CALIFORNIA, USA
ADAM INTERCOM SYSTEM
AUDIO INPUT / OUTPUT
25 PAIRS TO RJ45 CABLE

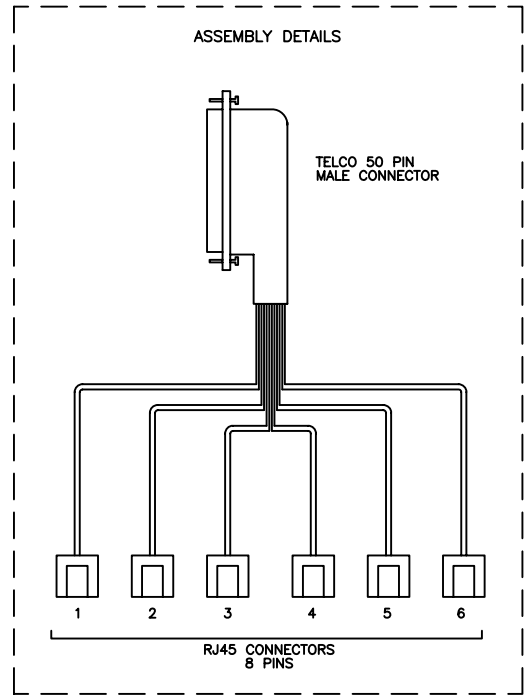
NEXT ASSY	USED ON	FINISH
APPLICATION		

SIZE	FSCM NO.	DWG NO.	REV
D		ADAM-803	C
SCALE			SHEET

ZONE REV		REVISIONS	DATE	APPROVED



NOTE:
CABLE ASSEMBLY = MOD-TAP 23-206-810

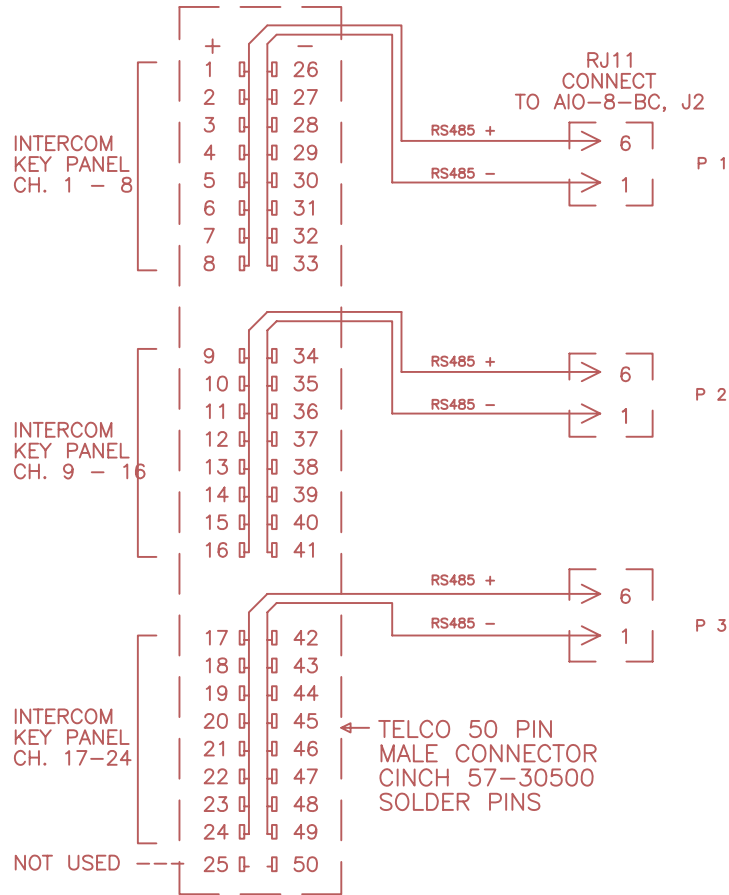


UNLESS OTHERWISE SPECIFIED MATERIALS SHALL BE TO THE FOLLOWING SPECIFICATIONS: WIRE AND CABLES: MIL-C-17 PLASTIC: MIL-PRC-131 RUBBER: MIL-R-11311		CONTRACT NO.	RTS SYSTEMS BURBANK, CALIFORNIA, USA	
APPROVALS		DATE	ADAM INTERCOM SYSTEM AUDIO INPUT / OUTPUT 25 PAIRS TO RJ45 BREAKOUT CABLE	
DRAWN W. YAU 24MAY85			SIZE	DSWG NO.
CHECKED W. YAU 24MAY85			D	ADAM803X
ISSUED			SCALE	SHEET
ADAM-803				

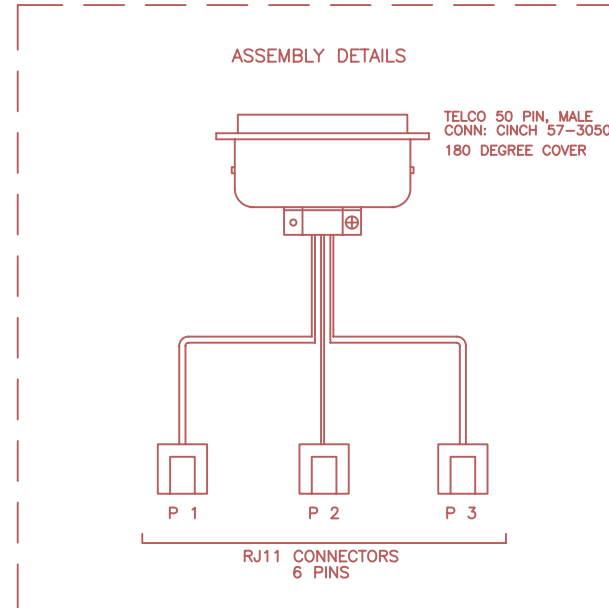
NEXT ASSY	USED ON
APPLICATION	

ZONE REV		REVISIONS		
ZONE	REV	DESCRIPTION	DATE	APPROVED

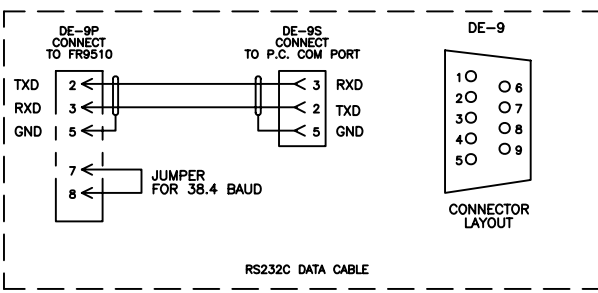
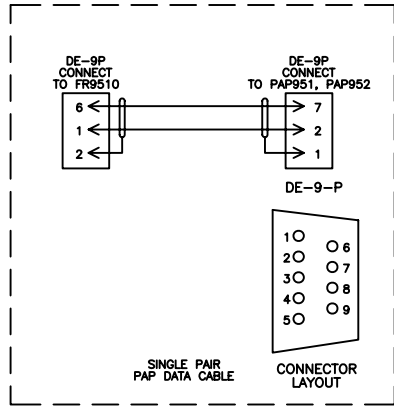
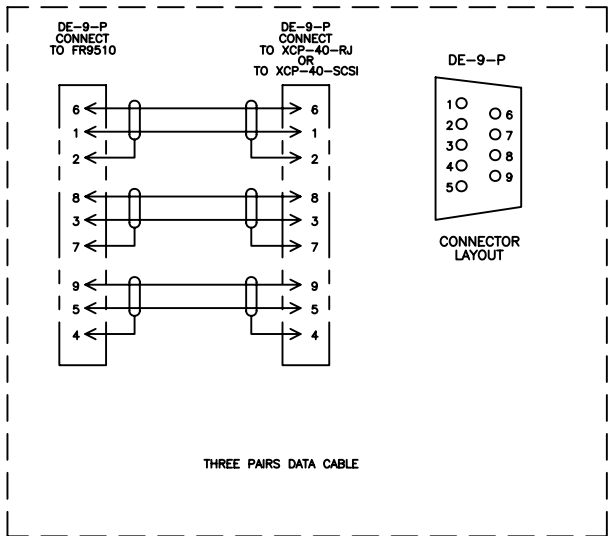
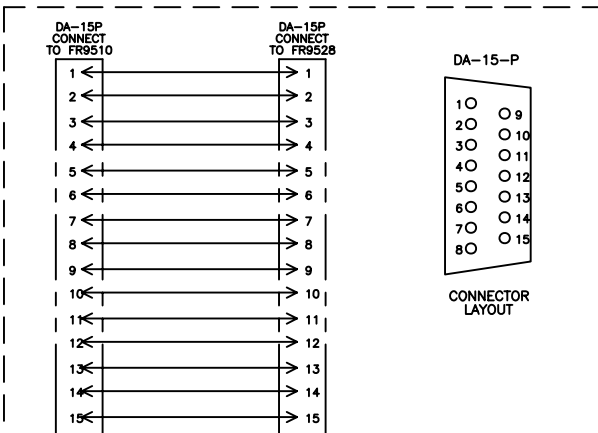
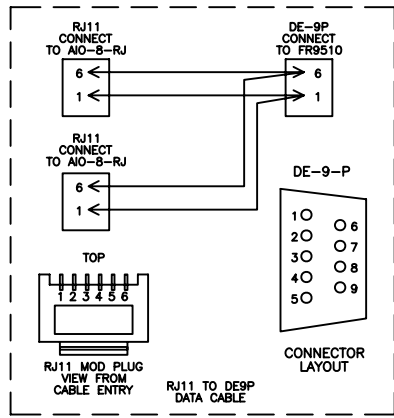
CABLE DETAILS



ASSEMBLY DETAILS



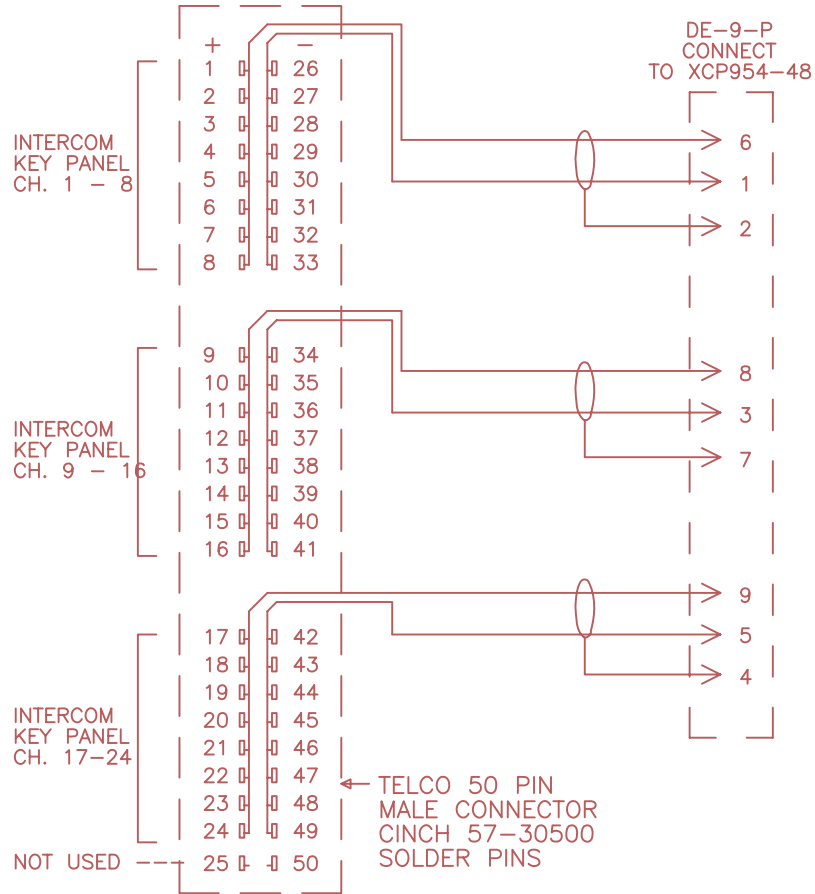
CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA			
APPROVALS	DATE	ADAM INTERCOM MATRIX RJ11 TO 50 PINS TELCO TRANSLATION CABLE			
DRAWN W. YAU	1 NOV 96				
CHECKED W. YAU	1 NOV 96				
ISSUED W. YAU	1 NOV 96				
ADAMB04C	SCALE	SIZE D	FSCM NO.	DWG NO. ADAM-804	REV C



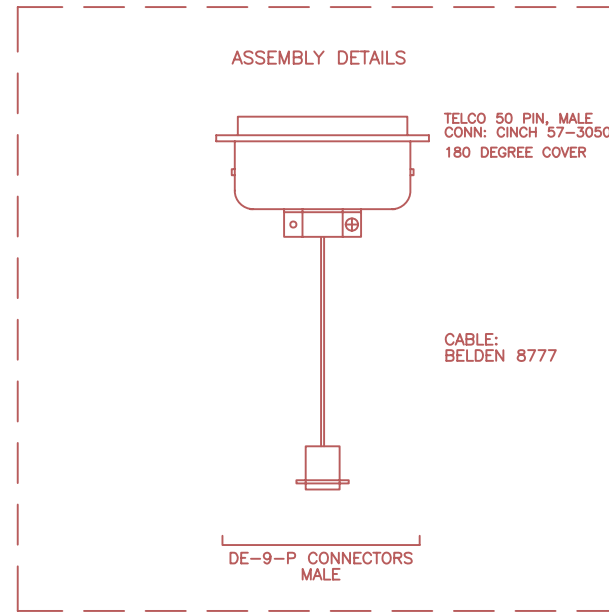
UNLESS OTHERWISE SPECIFIED MATERIALS SHALL BE AS SHOWN AND SHALL BE OF THE BEST QUALITY AVAILABLE AT THE TIME OF ORDER MATERIALS ARE TO BE USED AS SHOWN ON THE DRAWING DATE: 05/24/88 BY: W. YAU REV: 01		CONTRACT NO.	RTS SYSTEMS BUREAU, CALIFORNIA, USA	
APPROVALS	DATE	DRAWN	DATE	ADAM INTERCOM SYSTEM CONTROL CABLES WIRING DETAILS
W. YAU	24 MAY 88	W. YAU	24 MAY 88	
CHECKED	DATE	ISSUED	DATE	Dwg No. ADAM804X
W. YAU	24 MAY 88	D	24 MAY 88	
NEXT ASSY	USED ON	FRESH	SCALE	REV A
APPLICATION	ADAM-804	SCALE	SHEET	

ZONE REV		REVISIONS	DESCRIPTION	DATE	APPROVED

CABLE DETAILS



ASSEMBLY DETAILS

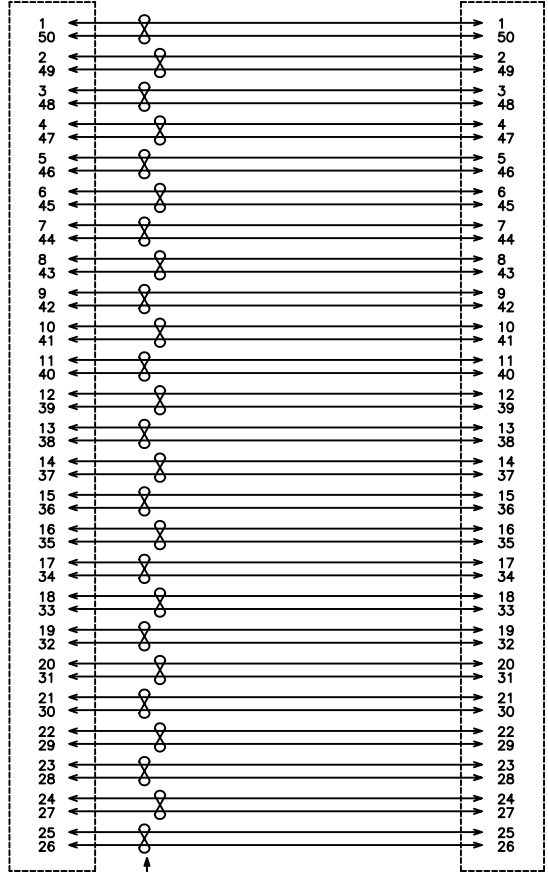


CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA			
APPROVALS	DATE	ADAM INTERCOM MATRIX DB9 TO 50 PINS TELCO TRANSLATION CABLE			
DRAWN W. YAU	14 FEB 99				
CHECKED W. YAU	14 FEB 99				
ISSUED W. YAU	14 FEB 99				
ADAM-805	SCALE	SIZE	FSCM NO.	DWG NO. ADAM-805	REV B

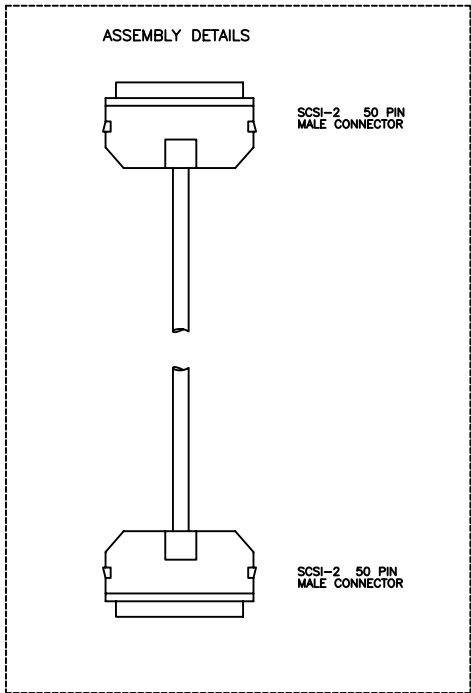
ZONE REV		REVISIONS	DATE	APPROVED

50 PINS
MALE SCSI-2 CONNECTOR

50 PINS
MALE SCSI-2 CONNECTOR



TYPICAL
DENOTES TWISTED PAIRS



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE IN DECIMALS FRACTIONS ARE IN 16ths FINISH UNLESS OTHERWISE SPECIFIED		CONTRACT NO.	RTS SYSTEMS BURENAC, CALIFORNIA, USA	
APPROVALS		DATE	ADAM INTERCOM SYSTEM AUDIO INPUT / OUTPUT 25 PAIRS SCSI-2 CABLE	
DRAWN W. YAU		24 MAY 85	REV A	
CHECKED W. YAU		24 MAY 85	SCALE	
ISSUED		SCALE	DWG NO. ADAM805X	REV A
NEXT ASSY USED ON		ADAM-805	SHEET	
APPLICATION				

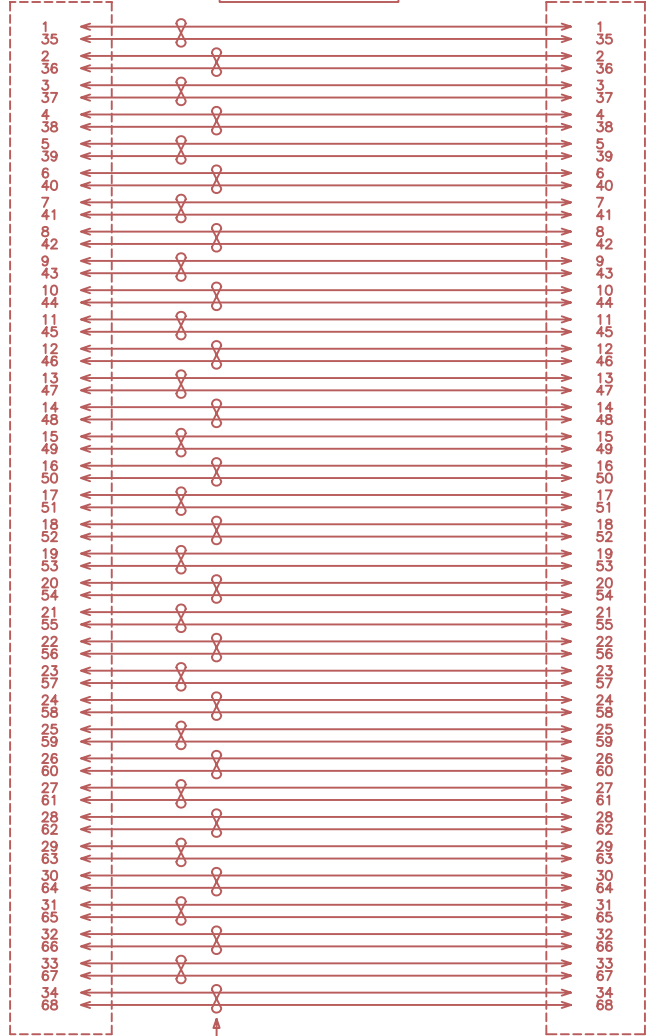
ZONE REV		REVISIONS	DATE	APPROVED

50 PINS
MALE SCSI-2 CONNECTOR

TYPICAL 34 PAIRS
SCSI-2 CABLE

6

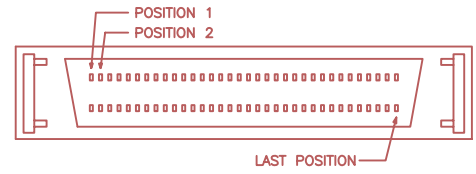
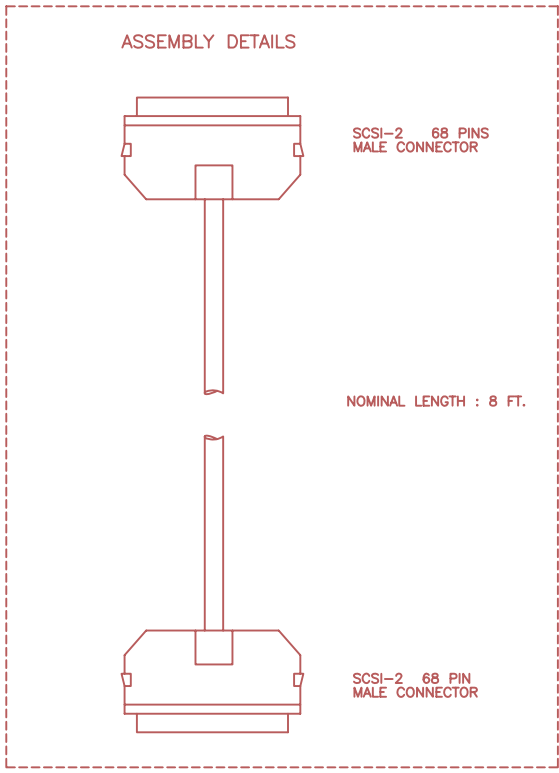
50 PINS
MALE SCSI-2 CONNECTOR



TYPICAL
DENOTES TWISTED PAIRS

CABLE DETAILS FOR :

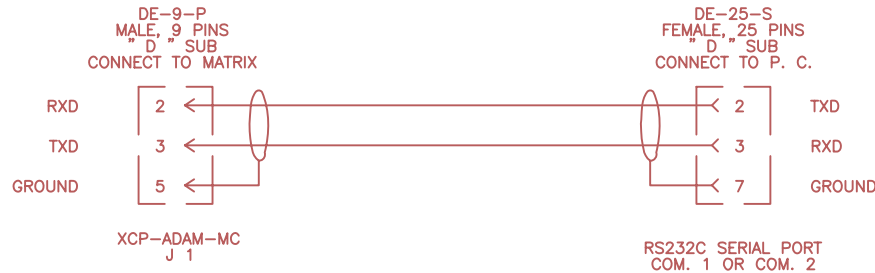
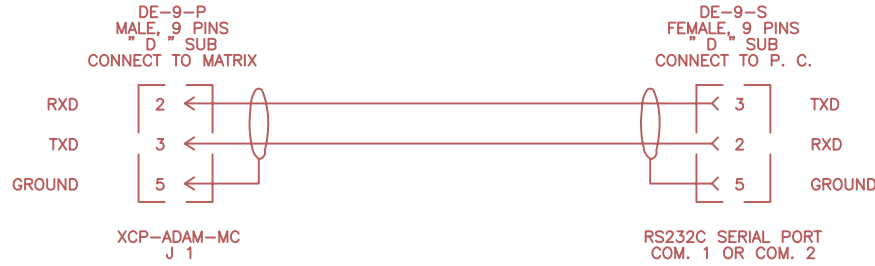
6



UNLESS OTHERWISE SPECIFIED INDICATE ALL DIMENSIONS IN BRACKET SHOWN UNLESS NOTED OTHERWISE AND DIMENSIONS ARE IN INCHES TOLERANCES AND FINISHES PI/16 DECIMALS ANGLES PERD		CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA	
APPROVALS		DATE		ADAM INTERCOM SYSTEM MASTER CONTROLLER 68 PINS SCSI-2 CABLE	
DRAWN W. YAU		1 NOV 96			
CHECKED W. YAU		1 NOV 96			
ISSUED					
NEXT ASSY		USED ON		SIZE	FSCM NO.
APPLICATION		FINISH		DWG NO.	REV
				ADAM-806	C
				SCALE	SHEET

ZONE REV		REVISIONS		DATE	APPROVED

CABLE DETAILS 



UNLESS OTHERWISE SPECIFIED
FOLLOW ALL RULES & DIMENSIONS SHOWN
REF. DIMENSIONS ARE
DIMENSIONS ARE IN INCHES
FRACTIONS DECIMALS ANGLES PERCENTS
PI/16 1/2 P/32 3/16 P/64 3/32 P/128

CONTRACT NO.	
APPROVALS	DATE
DRAWN W. YAU	1 NOV 96
CHECKED W. YAU	1 NOV 96
ISSUED	
ADAM807C	

RTS SYSTEMS		BURBANK, CALIFORNIA, USA	
ADAM INTERCOM SYSTEM			
ADAM MATRIX TO CREDIT PC			
RS-232-C CABLE			
SIZE	FSCM NO.	DWG NO.	REV
D		ADAM-807	C
SCALE			SHEET
			1

MATERIAL	
NEXT ASSY	USED ON
APPLICATION	

RS-485

DE-9-P
MALE, 9 PINS
D SUB
CONNECT TO MATRIX
XCP-ADAM-MC J2

RS485 +
RS485 -
GROUND



TELCO AMP CHAMP
MALE, 50 PINS

CONNECT TO TM9589
COMM. PORT RS485

RS485 +
RS485 -
GROUND

See Table 1

See Drawing
ADAM-307

RS-232

DE-9-P
MALE, 9 PINS
D SUB
CONNECT TO MATRIX
XCP-ADAM-MC J2

RS232C TX
RS232C RX
GROUND



TELCO AMP CHAMP
MALE, 50 PINS

CONNECT TO TM9589
COMM. PORT RS232C

RS232C RX
RS232C TX
GROUND

See Table 2

Command Line Protocol
To C5Trunk PC

This data not for use with ICP-97 translation panel.

Table 1

TM 9589
TRUNK MASTER CONTROLLER
COMMUNICATION PORTS
ASSIGNMENT TABLE
RS485 SERIAL

CONN.	PIN +	PIN -	GROUND	COMM	TYPE
J5	27	2	3	1	RS485
J5	30	5	28	2	RS485
J5	32	7	8	3	RS485
J5	35	10	33	4	RS485
J5	37	12	13	5	RS485
J5	40	15	36	6	RS485
J5	42	17	18	7	RS485
J5	45	20	43	8	RS485
J4	27	2	3	9	RS485
J4	30	5	28	10	RS485
J4	32	7	8	11	RS485
J4	35	10	33	12	RS485
J4	37	12	13	13	RS485
J4	40	15	36	14	RS485
J4	42	17	18	15	RS485
J4	45	20	43	16	RS485
J3	27	2	3	17	RS485
J3	30	5	28	18	RS485
J3	32	7	8	19	RS485
J3	35	10	33	20	RS485
J3	37	12	13	21	RS485
J3	40	15	36	22	RS485
J3	42	17	18	23	RS485
J3	45	20	43	24	RS485

Table 2

TM 9589
TRUNK MASTER CONTROLLER
COMMUNICATION PORTS
ASSIGNMENT TABLE
RS232C SERIAL

CONN.	RX	TX	GROUND	COMM	TYPE
SELECTABLE BY JUMPER SETTING ON FC9588-IOU CARD (BOTTOM CARD)					
J5	46	21	22	7	RS232C *2
J5	49	23	48	8	RS232C *2
SELECTABLE BY JUMPER SETTING ON FC9588-IOU CARD (CENTER CARD)					
J4	46	21	22	15	RS232C *2
J4	49	23	48	16	RS232C *2
SELECTABLE BY JUMPER SETTING ON FC9588-IOU CARD (TOP CARD) FACTORY DEFAULT SETTING					
J3	46	21	22	23	RS232C *2
J3	49	23	48	24	RS232C *2

SEE
NOTE

Note:

1 --- J3, J4, J5 ARE AMP CHAMP 50 PIN FEMALE CONNECTORS ON TM9589

2 --- COMM. PORT 7, 8, 15, 16, 23, 24 ARE SELECTABLE FOR RS485 OR RS232C.

FACTORY DEFAULT SETTING : COMM. 7, 8, 15, 16 = RS485, COMM. 23, 24 = RS232C.

<small>REVISIONS</small> REVISION NO. _____ DATE _____ BY _____ CHECKED BY _____ APPROVED BY _____ DATE _____ DESIGNED BY _____ DRAWN BY _____ CHECKED BY _____ DATE _____ USED ON _____ APPLICATION _____		RTS SYSTEMS <small>IRVINE, CALIFORNIA, USA</small> ADAM INTERCOM SYSTEM MATRIX TO TRUNK MASTER RS-485 / RS232C CABLE PART NO. _____ REV. NO. _____ ADAM808C DATE _____	
NEXT ABBY _____ USED ON _____ APPLICATION _____	REVISION NO. _____ DATE _____ BY _____ CHECKED BY _____ APPROVED BY _____ DESIGNED BY _____ DRAWN BY _____ CHECKED BY _____ DATE _____ USED ON _____ APPLICATION _____	PART NO. _____ REV. NO. _____ ADAM808C DATE _____	PART NO. _____ REV. NO. _____ ADAM-808 DATE _____

REVISIONS		DATE	APPROVED
ZONE REV	DESCRIPTION		

DE-9-P
MALE, 9 PINS
"D" SUB
CONNECT TO MATRIX
XCP-ADAM-MC J3

DE-9-P
MALE, 9 PINS
"D" SUB
CONNECT TO UIO-256
J 2



DE-9-P
MALE, 9 PINS
"D" SUB
CONNECT TO MATRIX
XCP-ADAM-MC J3

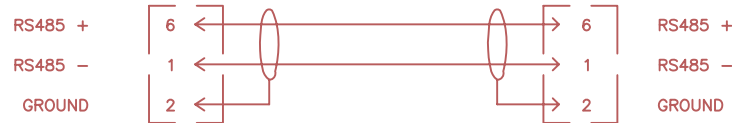
DE-9-P
MALE, 9 PINS
"D" SUB
CONNECT TO PAP



PAP INCLUDES
PAP-940
PAP-951
PAP-952
PAP-950-50

DE-9-P
MALE, 9 PINS
"D" SUB
CONNECT TO MATRIX
XCP-ADAM-MC J8, J7, J6

DE-9-P
MALE, 9 PINS
"D" SUB
CONNECT TO MATRIX
XCP-ADAM-MC J8, J7, J6



UNLESS OTHERWISE SPECIFIED
REMOVE ALL BURRS & BRISTLE SWAMP EDGES
MATERIAL SPECIFICATIONS ARE
AS SHOWN ON THE DRAWING
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES PERCENT
1/16 .0030 .0100 .0001

CONTRACT NO.
APPROVALS DATE
DRAWN W. YAU 2 NOV 96
CHECKED W. YAU 2 NOV 96
ISSUED

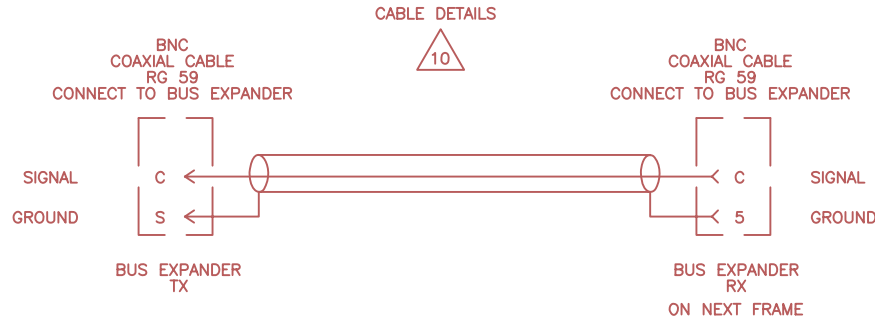
RTS SYSTEMS BURBANK, CALIFORNIA, USA
ADAM
INTERCOM SYSTEM
MATRIX TO UIO-256 / PAP
RS-485 CABLE

NEXT ASSY	USED ON
APPLICATION	

MATERIAL
FINISH
ADAM809C

SIZE	FSCM NO.	DWG NO.	REV
D		ADAM-809	C
SCALE			SHEET

		REVISIONS		
ZONE	REV	DESCRIPTION	DATE	APPROVED

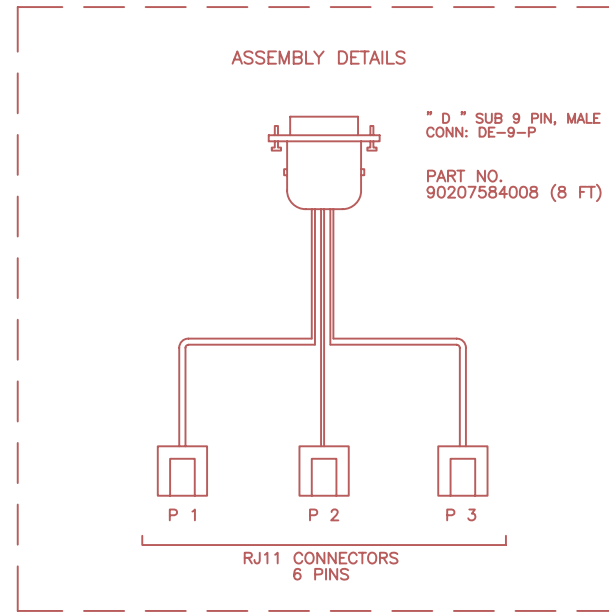
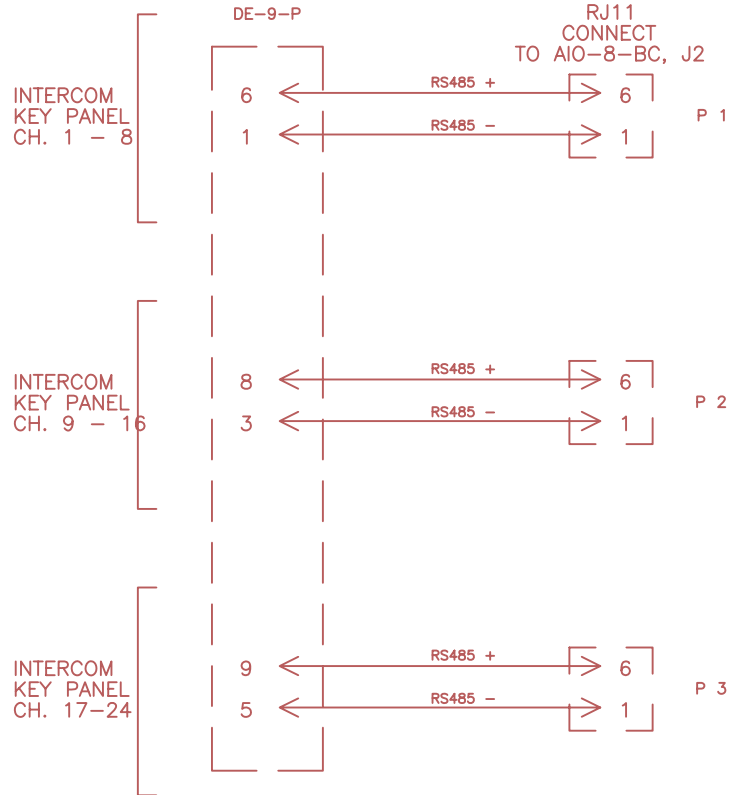


BUS EXPANDER
BACK CARD
LAYOUT

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING DIMENSIONS UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES FEET 1/16 3/32 1/8 5/32 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8 15/16 1		CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA ADAM INTERCOM SYSTEM ADAM MATRIX BUS EXPANDER RG59 COAXIAL CABLE	
		APPROVALS	DATE		
		DRAWN W. YAU	1 NOV 96	CHECKED W. YAU	1 NOV 96
		ISSUED		SIZE D	FSCM NO.
		FINISH		DWG NO. ADAM-810	REV C
NEXT ASSY	USED ON	APPLICATION		SCALE	SHEET
		ADAM810C			1

ZONE REV		REVISIONS	
ZONE	REV	DESCRIPTION	DATE

CABLE DETAILS

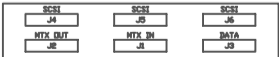
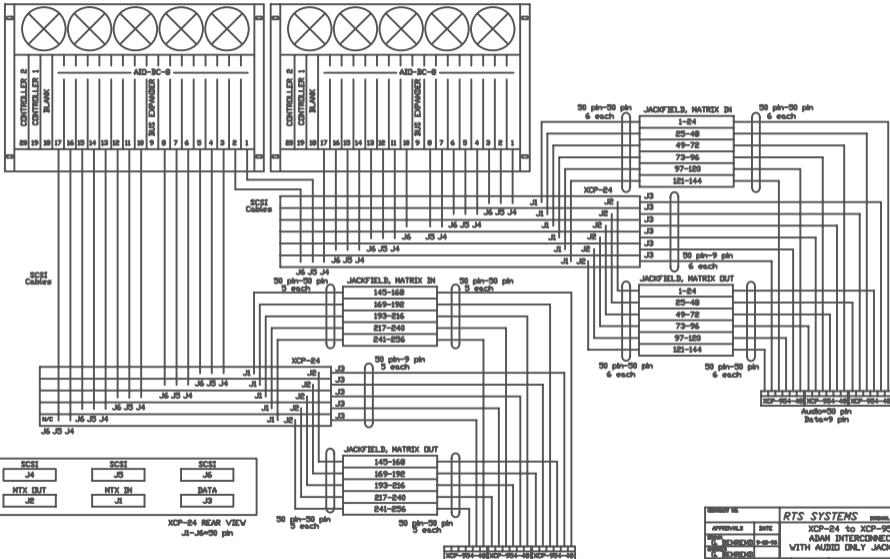


CONTRACT NO.		RTS SYSTEMS BURBANK, CALIFORNIA, USA			
APPROVALS	DATE	ADAM INTERCOM MATRIX RJ11 TO DE-9-P TRANSLATION CABLE			
DRAWN W. YAU	1 NOV 96				
CHECKED W. YAU	1 NOV 96				
ISSUED W. YAU	1 NOV 96				
ADAMB11C	SCALE	SIZE D	FSCM NO.	DWG NO. ADAM-811	REV C

ADAM-REAR VIEW FRAME 2

ADAM-REAR VIEW FRAME 1

REV	DESCRIPTION	DATE



XCP-24 REAR VIEW J1-J6=50 pin

DESIGN NO.	RTS SYSTEMS		ISSUED, REVISED, ETC.
APPROVALS	DATE	XCP-24 to XCP-954 ADAM INTERCONNECT WITH AUDIO ONLY JACKFIELD	
BY (S. BUCHHELD)	8-28-83		
BY (S. BUCHHELD)			
BY (S. BUCHHELD)			

XCP-24.DWG