

EDACS VOTER SERVICE INFORMATION

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TITLE (CONT'D)

**DRAWING/
PARTS LIST**

*******SATELLITE RECEIVER CABINET (CONT'D)*******

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MODIFICATION KIT RECEIVER (PL19A149512) See Voter Cabinet	

*******MISCELLANEOUS (CONT'D)*******

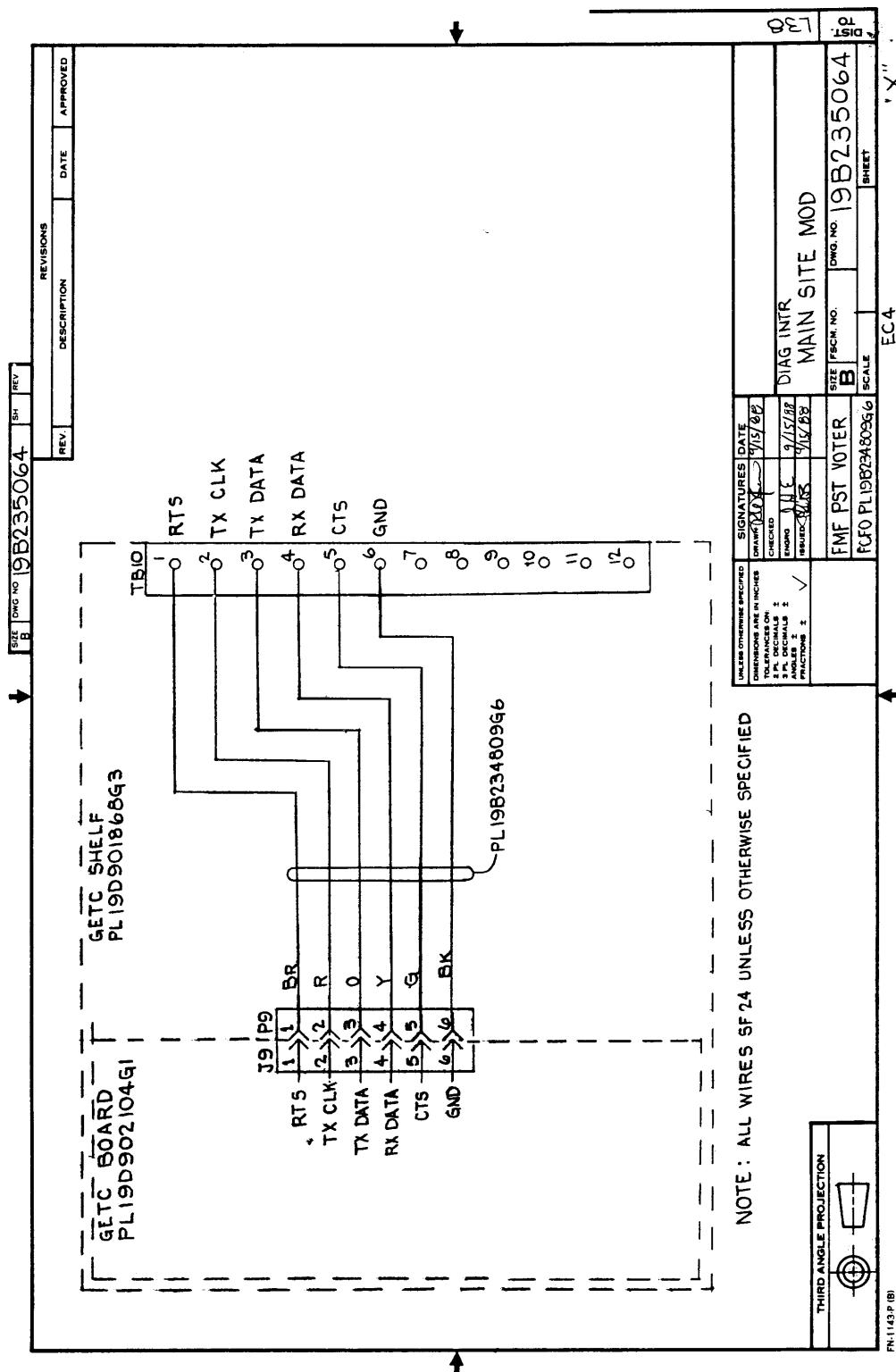
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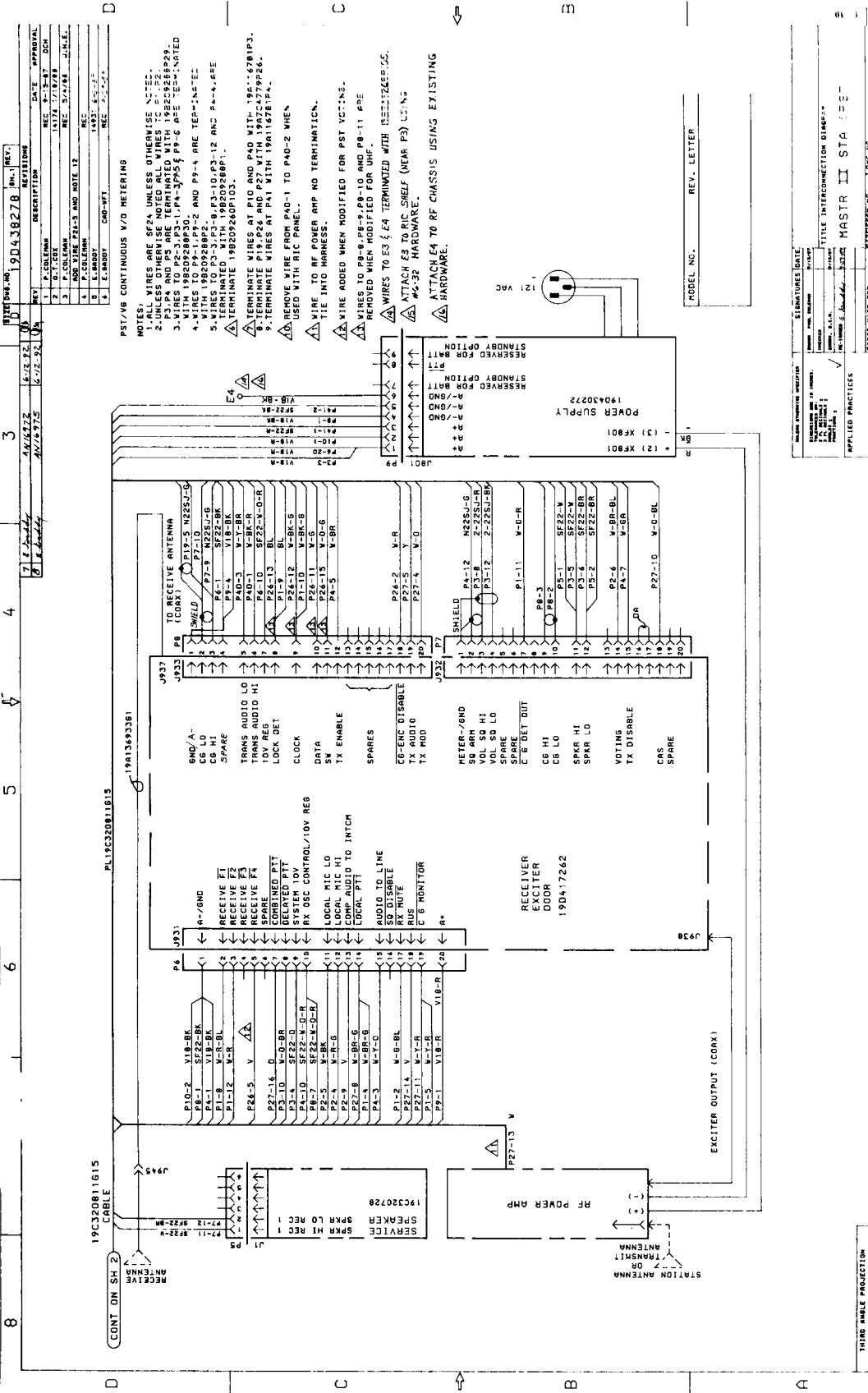
MODIFICATION INSTRUCTIONS

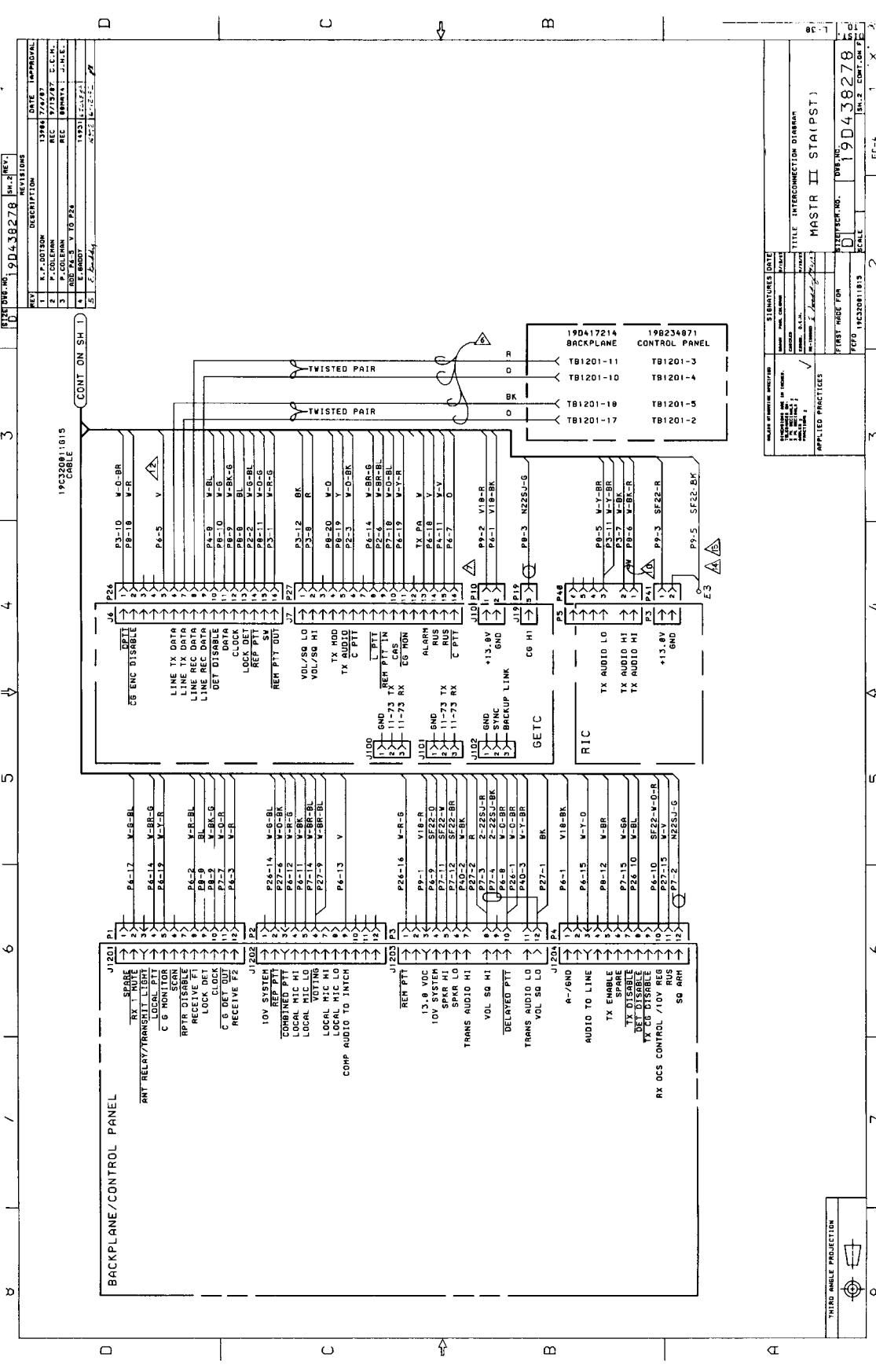
Some modification of standard equipment is required before it is installed in a voting system. The table shows which modifications are used depending on the voter application. The REMOTE LOCATION column refers to voters that use Rockwell modem on the GETC board to communicate with the main site. Collocated voters do not use the Rockwell modem connection to the main site, but do use RS-232 levels.

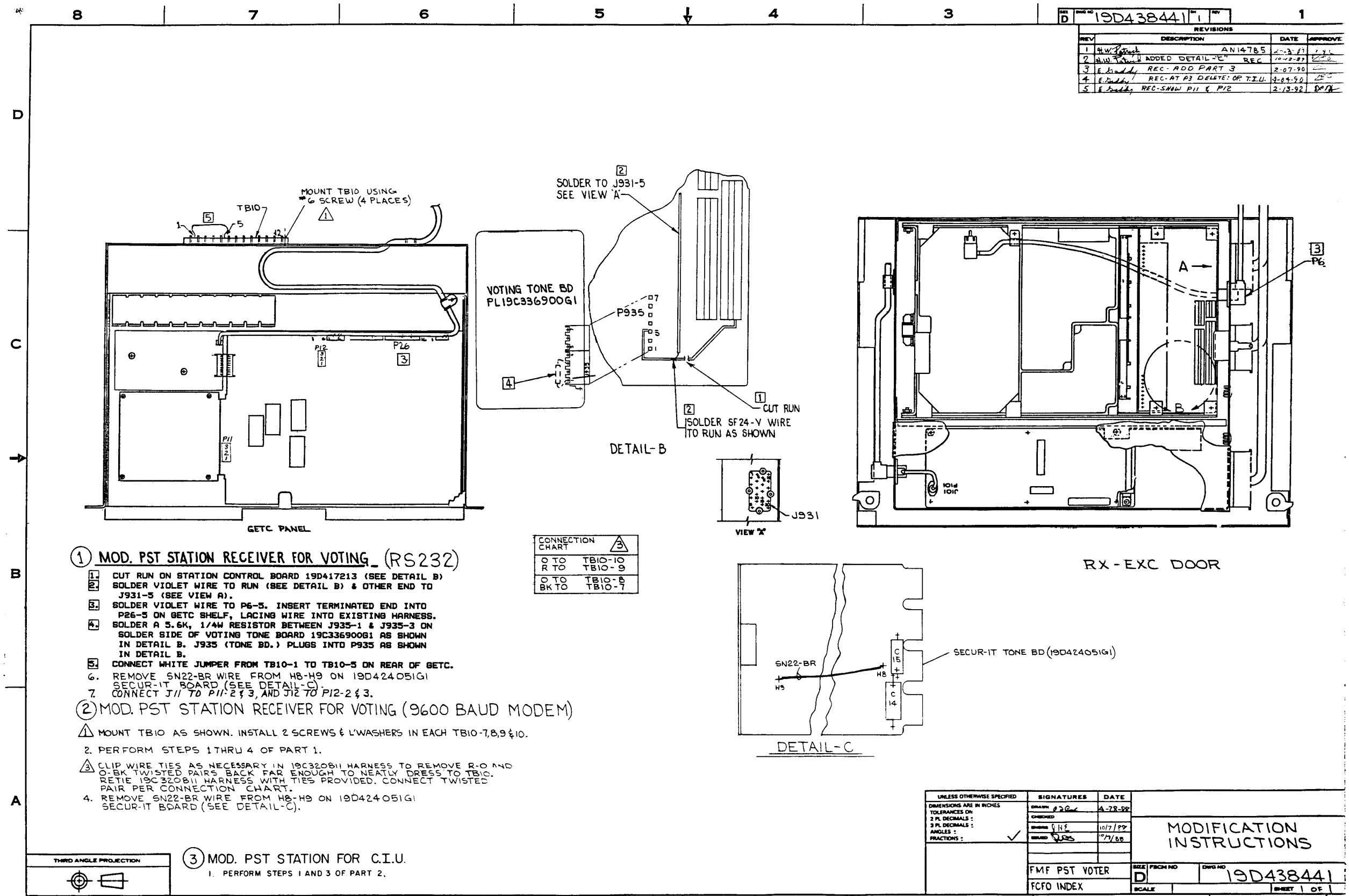
Normally, satellite sites communicate with the voter via Rockwell modems. When satellite sites are connected via a digital multiplexer, RS-232 lines are used for communication (same as collocated).

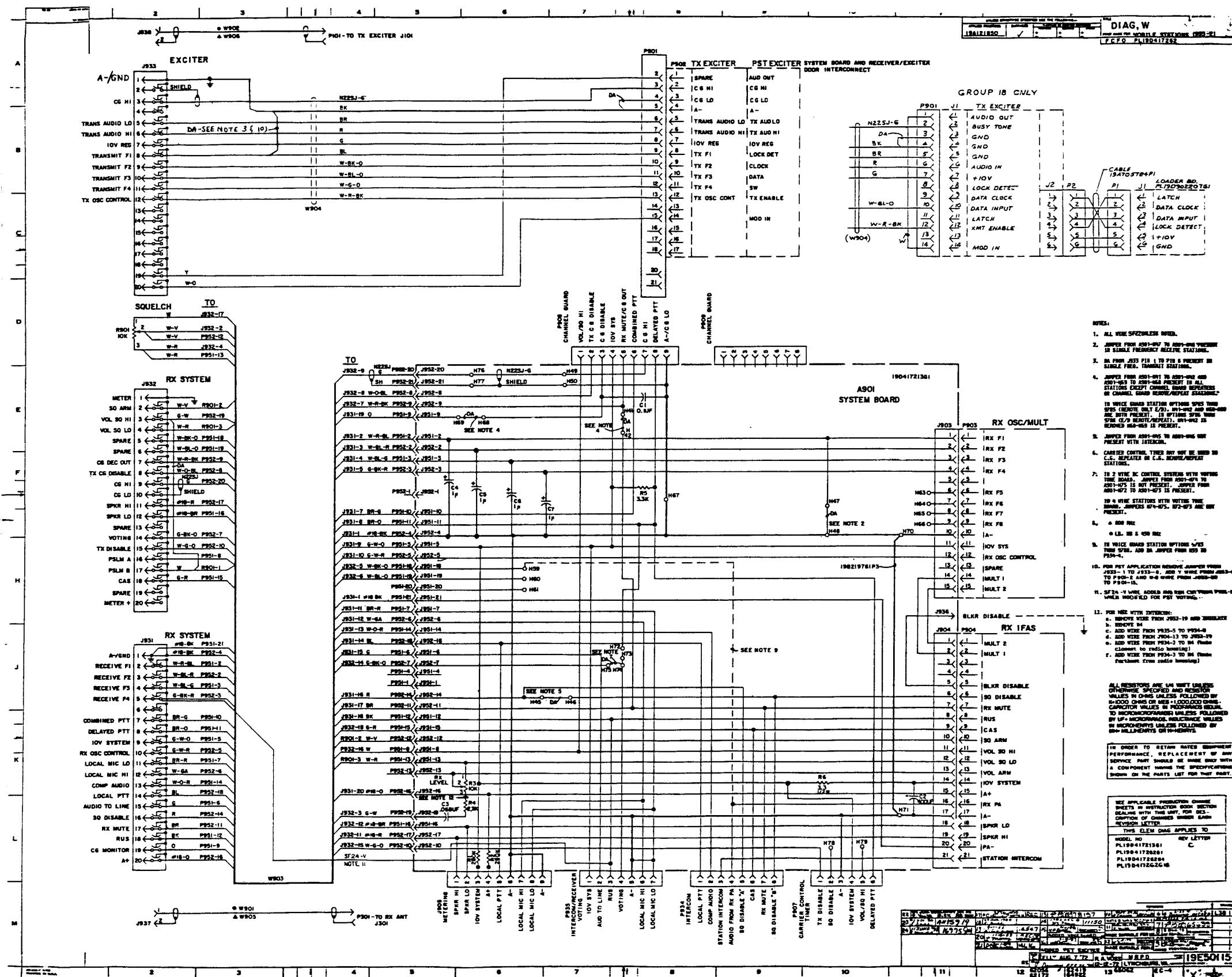
KIT/INSTRUCTION DRAWING NUMBER	VOTER APPLICATION			
	CR01 (VOTER REMOTE LOCATION)	VT02 (VOTER COLLECTED)	ALL VOTER APPLICATIONS	MOD LOCATION
19A149572G2 MOD KIT	X			VOTER
19A149574P2 MOD INSTRUCTION	X			VOTER
19A149572G1 MOD KIT		X		VOTER
19A149574 MOD INSTRUCT		X		VOTER
19A149574P3 MOD INSTRUCT		X		SATELLITE RECEIVER
19B235034P1 MOD INSTRUCT			X	SATELLITE RECEIVER
19B233390P1 MOD INSTRUCT			X	SATELLITE RECEIVER
19A149572G3 MOD KIT			X	SATELLITE RECEIVER
19C336664P3 MOD INST			X	SATELLITE RECEIVER
19A149572G4 MOD KIT		X		STATION
19D438441P1 MOD INSTRUCT		X		STATION
19A149572G5 MOD KIT	X			STATION
19D438441P2 MOD INSTRUCT	X			STATION
19D417633P1 INST INSTRUCT			X	STATION











REV. NO.	TITLE MOD INSTRUCTIONS, PST VOTER	CONT ON SHEET	SH NO.
		F.C.F.O. 19A149572	
CONT ON SHEET	SH NO.	FIRST MADE FOR	REVISIONS
<p>PST VOTER MOD INSTRUCTIONS</p> <p>1. VOTER MODS WHEN VOTER AND MAIN SITE ARE CO-LOCATED (RS232 or MUX communication)</p> <p>A. DIGITAL RECEIVER NO.1 (Also used for other Digital Receivers when RS232 communication is used to satellite sites. Apply option VT02 sequentially to D.R. #2, 3 etc.)</p> <p>1. The following steps change from Rockwell modem connections to RS232 connections. Remove G wire from P26-6 and insert in P9-4. Remove WG wire from P26-7 and insert in P9-6. Plug P9 into J9. P9 is provided in mod kit 19A149572G1. P9 already has jumper from P9-1 to P9-5 (CTS to RTS). Be sure that P11 & P12 on the GETC are on J11 2 & 3 and J12-2 & 3.</p> <p>B. COR AT ANALOG VOTER</p> <p>1. Remove COR assembly from analog voter. Cut run from TB1-6 to CR1 on component side. Solder solid W wire from K1-8 to TB1-6. Reinstall COR assembly. Move WOR wire from TB7-6 on the voter backplane to TB9-1 (SPARE) on voter backplane. Discard W wire if COR is already modified.</p> <p>C. Connect 19B234814G9 wire on rear of cabinet from selector TB10-9 to DR#1 TB10-9.</p> <p>2. VOTER MODS WHEN VOTER AND MAIN SITE ARE NOT CO-LOCATED (Allows Rockwell modem communications between main site and voter selector and DR #1)</p> <p>A. SELECTOR</p> <p>1. Be sure Rockwell modem is plugged into selector and not digital receiver #1.</p> <p>2. Remove G wire from P9-4 and insert in P26-6. Remove BL wire from P9-3 and insert in P26-8. Remove WBL wire from P9-6 and insert in P26-9.</p> <p>3. Be sure data lines in phone cables from main site are connected to the selector TB10-9 & 10 rather than the D.R. #1 TB10-9 & 10.</p> <p>B. DIGITAL RECEIVER NO.1</p> <p>1. The following steps interconnect Rx data between selector and digital receiver number 1. Remove BL wire from P26-8. Clip off terminal and splice 10" BL wire. Cover splice with heat shrink tubing. Solder end of wire to TP107.</p> <p>2. Remove P11 and discard. Move P12 to J12-2&3.</p>			
<p style="text-align: right;">19A149574 2 1</p> <p style="text-align: right;">PRINTS TO L42</p> <p style="text-align: right;">CODE IDENT NO.</p>			
MADE BY E. Gaddy 7 Oct. 1988	APPROVALS J.H.E.	M.C.B. LYNCHBURG	DIV OR DEPT. 2 1
RE-ISSUED E. Gaddy 8 Oct. 1991	10-7-1988	LOCATION CONT ON SHEET	SH NO.

029-374A (8-85) 1 - 14677
2 - 14785

↑ | EC-4 | ↑

REV NO.	TITLE		19A149574	
			3	SH NO. 2
CONT ON SHEET		MOD INSTRUCTIONS, PST VOTER		
SH NO.		FIRST MADE FOR		F.C.F.O. 19A149572
CONT ON SHEET		SH NO.		REVISIONS
<p>3. Connect 19B234814B9 wire on rear of cabinet from Selector TB10-8 to D.R. #1 TB10-11.</p> <p>4. Plug jumper from M.K. 19A149572P2 into J9.</p> <p>C. COR AT ANALOG VOTER</p> <p>1. Remove COR assembly from analog voter. Cut run from TB1-6 to CRI on component side. Solder solid W wire from K1-8 to TB1-6. Reinstall COR assembly. Move WOR wire from TB7-6 on the voter backplane to TB9-1 (SPARE) on voter backplane.</p> <p>3. SAT RX MOD FOR RS232 COMMUNICATION</p> <p>Remove BL wire from P6-9 and insert in P9-3. Remove O wire from P6-8 and insert in P9-6. Extra length is provided in the harness. Move P11 & P12 in the GETC to J11 & J12 pins 2 & 3.</p>				
<p>TOP VIEW OF CONNECTORS AT REAR OF GETC BOARD 19D902104</p>				
<p>2 1985/10/29 164961 2 1985/10/29 164961</p>				
<p>L42 PRINTS TO</p>				
MADE BY E. Gaddy 7 Oct. 1988	APPROVALS J.H.E.	M.C.B.	DIV OR DEPT. 19A149574	3 2
ISSUED E. Gaddy 8 Oct. 1991	10-7-1988	LYNCHBURG	LOCATION CONT ON SHEET	SH NO. CODE IDENT NO.

029-374A (8-85)

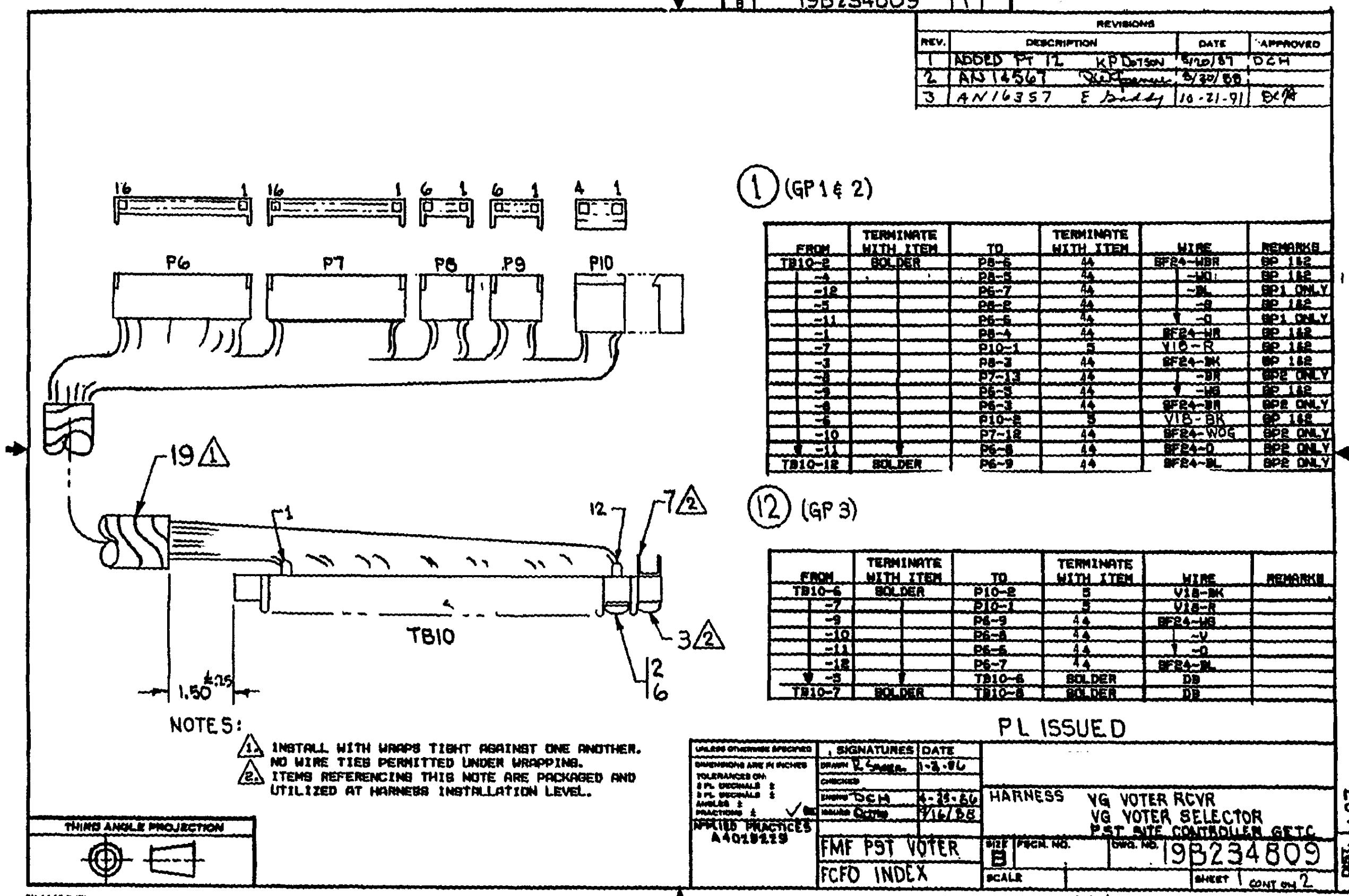
EC-4

REV. NO.	TITLE	19A149574 CONT ON SHEET 4 SH NO. 3	
	MOD INSTRUCTIONS, PST VOTER		
CONT ON SHEET	SH NO.	FIRST MADE FOR	F C F O. 19A149572
		REVISIONS	
<p>TOP VIEW OF AREA NEAR J3 ON GETC BOARD 19D902104 SHOWING TPI07</p>			
<p>A2 C.O.R. BOARD</p> <p>CUT RUN</p> <p>SOLDER WIRE</p> <p>(19C320696, Sh. 1, Rev. 0) (19C320696, Sh. 2, Rev. 0)</p>			
<p>VIEW OF COR BOARD SHOWING MOD</p>			
MADE BY <i>E. Gaddy</i> 4 OCT. 1988	APPROVALS <i>J H E</i> 10/7/88	DIV OR DEPT. M.R.P.D. PC SJ 10 LYNCHBURG	19A149574 4 SH NO. 3
ISSUED <i>E. Gaddy</i> 7 OCT. 1988		LOCATION CONT ON SHEET	CODE IDENT. NO.
<p>02B-374A</p> <p>EC-4</p>			

		19A149574	
REV NO.	TITLE	CONT ON SHEET	F SH NO. 4
MOD INSTRUCTIONS, PST VOTER		19A149572	
CONT ON SHEET	SH NO.	FIRST MADE FOR	F.C.F.O.
			REVISIONS
<p>4 <u>VOTER MODS FOR 2175 Hz NOTCH FILTER OPTION</u></p> <ol style="list-style-type: none"> 1. Install 2175 Hz filter assembly onto back rail near C.I.B. module. This may require removal of the power supply support 19B226160P1 and/or relocation of the outlet strip. 2. Remove wire from COR TB1-1, remove terminal from wire, attach terminal 19B209260P103. Attach wire to 2175 assembly TB1-3. 3. Remove wire from COR TB1-3, remove terminal from wire, attach terminal 19B209260P103. Attach wire to 2175 assembly TB1-4. 4. Use SF24-BK wire with 19B209260P103 terminal on one end and 19B209260P108 terminal on other end to attach 2175 assembly TB1-2 to COR TB1-3. 5. Use SF24-Y wire in a manner similar to step 4 to attach 2175 assembly TB1-1 to COR TB1-1. 			
			L42
			PRINTS TO
MADE BY <i>E. Dally</i> 19 SEPT. 1989	APPROVALS <i>EC</i>	M.C.B. PC SJ 10 DIV OR DEPT. LYNCHBURG	19A149574 F 4
ISSUED <i>E. Dally</i> 27 NOV 1989		LOCATION CONT ON SHEET SH NO. CODE IDENT. NO.	
EC - 4			

DATE DNG NO 19B234809 17 1 KEY

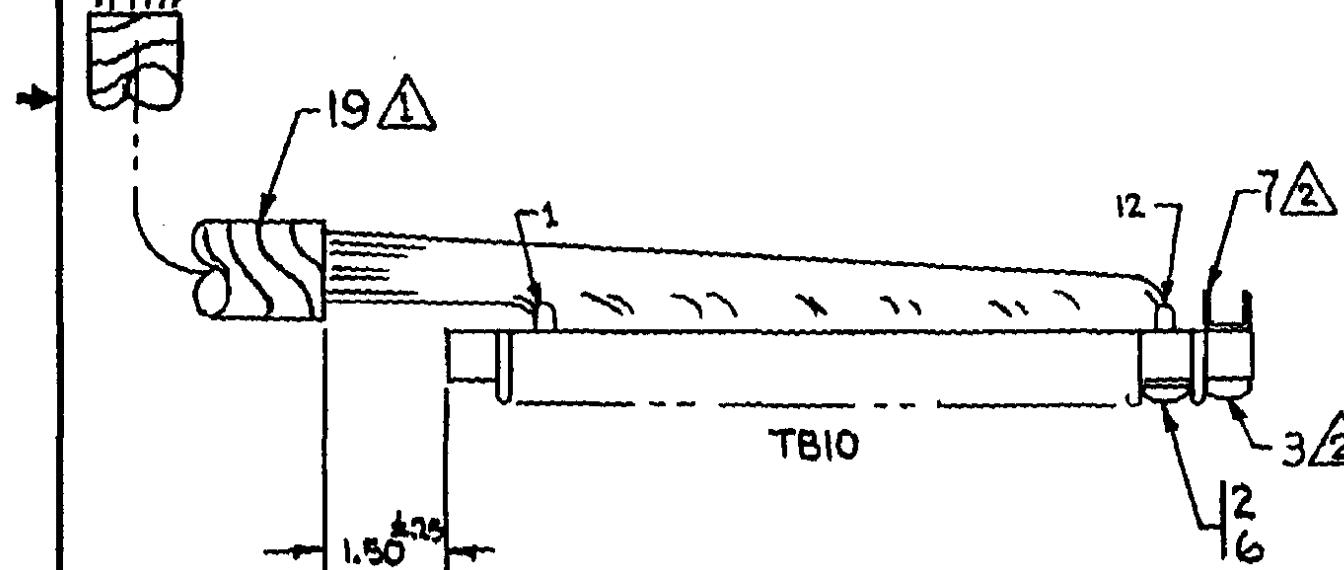
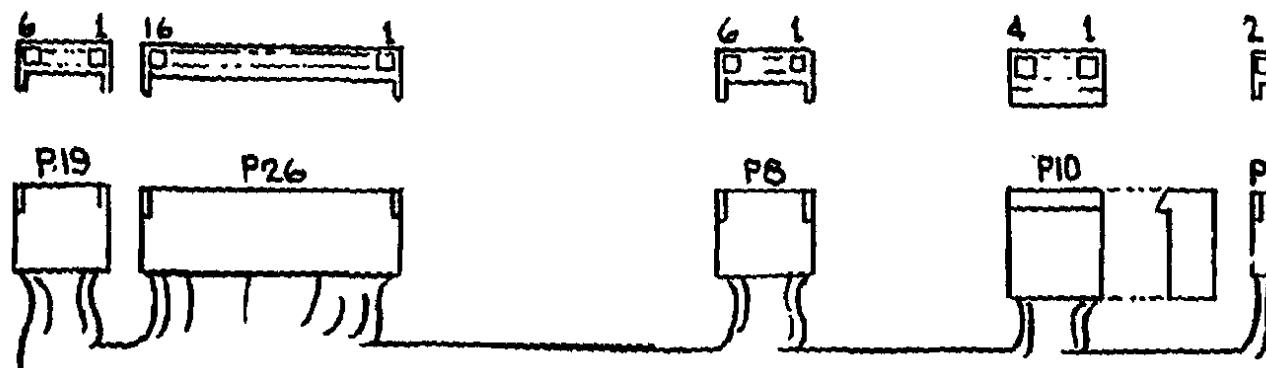
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	ADDED PT 1L KPDOTSON 5/20/87 DCH		
2	AN14567 DCH 5/30/88		
3	AN16357 E Bally 10-21-91 DCH		



DATE 19B234809 REV 2

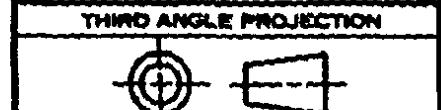
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
1	Han, Patrick	AN14677 1/17/01	C. J.



NOTES:

- 1. INSTALL WITH WRAPS TIGHT AGAINST ONE ANOTHER.
NO WIRE TIES PERMITTED UNDER WRAPPINGS.
- 2. ITEMS REFERENCING THIS NOTE ARE PACKAGED AND UTILIZED AT HARNESS INSTALLATION LEVEL.
- 3. MAKE THESE WIRES 6" LONGER THAN NECESSARY AND SECURE EXTRA LENGTH TO HARNESS WITH A WIRE TIE.

PN-1143-PD
7.25

FROM	TERMINATE WITH ITEM	TO	TERMINATE WITH ITEM	WIRE	REMARKS
TB10-1	SOLDER	PB-6	44	SF24-WR	
2		PB-5		-WD	
3		PB-3		-BK	
4		P12-4		-BK	
5		P19-6		-O	
6		P2-1	44	SF24-WOR	
7		P10-2	5	V18-BK	
8		P10-1	5	V18-R	
9		P26-4	44	SF24-R	
10		P26-6	44	SF24-S	NOTE 3
11		P26-7	44	-WS	NOTE 3
12		P26-8	44	-BL	
TB10-12	SOLDER	PBS-9	44	SF24-WBL	

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
DRAWN: D.L.		7/23/88
CHECKED:		
DESIGNED: D.L.	DLV	9/15/88
MAKER: DAS		9/16/88
APPLIED PRACTICES		
A4029229		
HARNESS		
PST DIGITAL RECEIVER		
SIZE	PSCH. NO.	DWG. NO.
B		9B234809
SCALE		
SHEET 2 CONT. ON 3		
DET.	REF.	TO

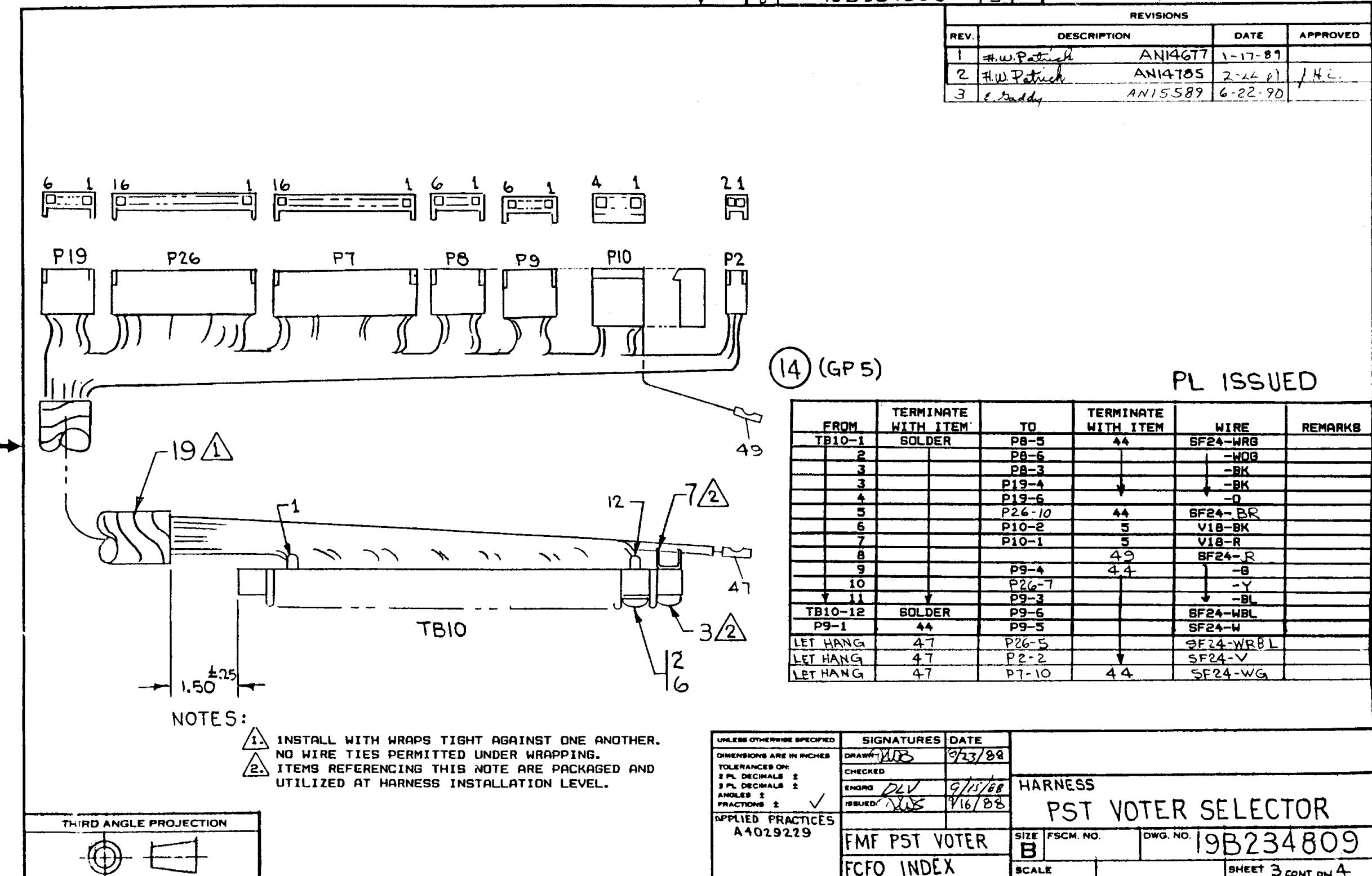
ECA

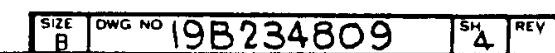
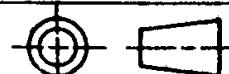
MV

L27

SIZE B DWG NO 19B234809 REV 3

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	H.W.Patrick AN14677	1-17-89	
2	H.W.Patrick AN14785	2-22-91	J.H.C.
3	E.Gaddy AN15589	6-22-90	



		REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPROVED</th> </tr> </thead> </table>				REV.	DESCRIPTION	DATE	APPROVED																																																																										
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<p>(45) (GP 6)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TERMINATE WITH ITEM</th> <th>TO</th> <th>TERMINATE WITH ITEM</th> <th>WIRE</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td>TB10-1</td> <td>SOLDER</td> <td>P9-1</td> <td>44</td> <td>SF24-BR</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>-2</td> <td></td> <td>-R</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>-3</td> <td></td> <td>-O</td> <td></td> </tr> <tr> <td>4</td> <td></td> <td>-4</td> <td></td> <td>-Y</td> <td></td> </tr> <tr> <td>5</td> <td></td> <td>-5</td> <td></td> <td>-G</td> <td></td> </tr> <tr> <td>TB10-6</td> <td>SOLDER</td> <td>P9-6</td> <td>44</td> <td>SF24-BK</td> <td></td> </tr> </tbody> </table>						FROM	TERMINATE WITH ITEM	TO	TERMINATE WITH ITEM	WIRE	REMARKS	TB10-1	SOLDER	P9-1	44	SF24-BR		2		-2		-R		3		-3		-O		4		-4		-Y		5		-5		-G		TB10-6	SOLDER	P9-6	44	SF24-BK																																					
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<p>FN-1143-P (B) 7-83</p> <p>THIRD ANGLE PROJECTION</p> <p></p> <p>EC4</p> <p>MV</p>																																																																																			

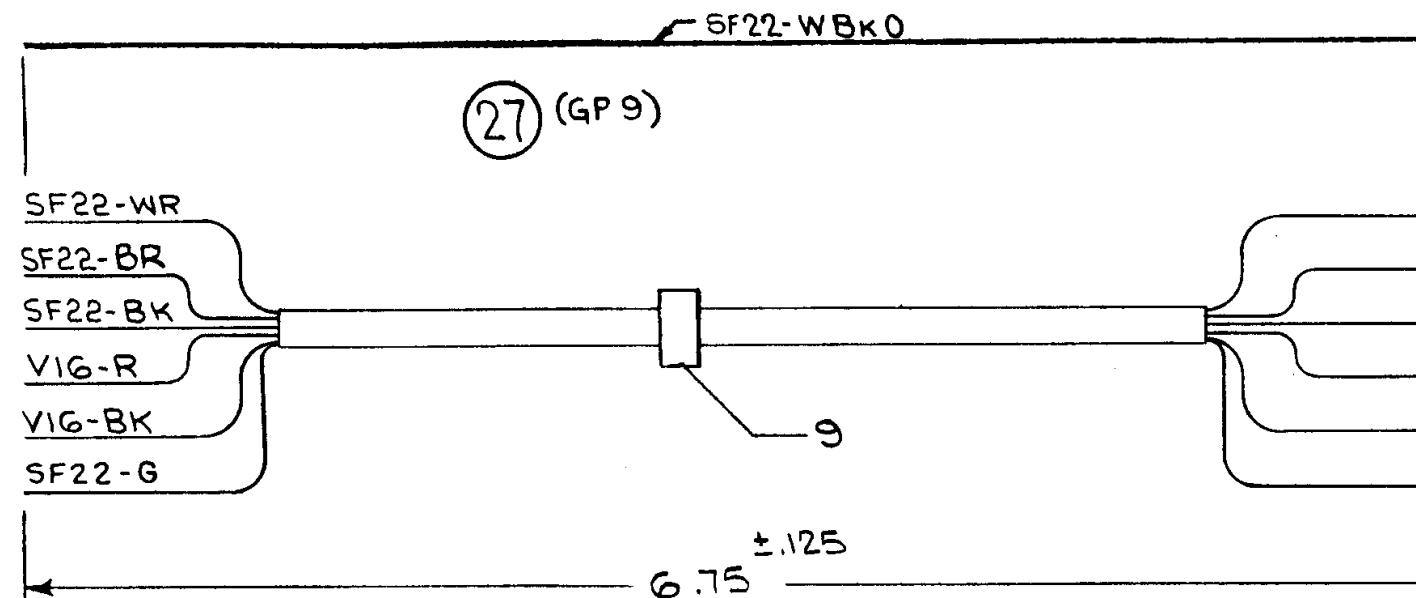
PARTS LIST

HARNESS
19B234809G1-G6
ISSUE 2

SYMBOL	PART NO.	DESCRIPTION
J100	19B209727P18	- - - - - JACKS - - - - - Connector: 9 contacts; sim to AMP 205203-1. (Used in G5).
P2	19A700041P28	- - - - - PLUGS - - - - - Shell. (Used in G4 and G5).
P6	19A700041P42	Connector, printed wiring. (Used in G1-G3).
P7	19A700041P42	Connector, printed wiring. (Used in G2 and G5).
P8	19A700041P32	Shell. (Used in G1, G2, G4 and G5).
P9	19A700041P32	Shell. (Used in G1, G2, G5 and G6).
P10	19A116659P190	Connector, printed wiring. (G1-G3).
P10	19A116659P17	Connector, printed wiring: sim to Molex 09-50-3-41. (Used in G4 and G5).
P19	19A700041P32	Shell. (Used in G4 and G5).
P26	19A700041P42	Connector, printed wiring. (Used in G4 and G5).
TB10	19C301086P8	- - - - - TERMINAL BOARDS - - - - - Feed thru: 12 terminals rated 15 amps at 1200 VRMS; sim to GE CR151B75412AA.
	N80P13004B6	- - - - - MISCELLANEOUS - - - - - Machine screw: No. 6-32 x 1/4.
	N80P13007B6	Machine screw, panhead: No. 6-32 x 7/16.
	19A116781P3	Contact, electrical: wire range No. 16-20 AWG; sim to Molex 08-50-0105. (Used in G1-G5).
	N403P13B6	Lockwasher: No. 6.
	7160508P2	Nut, sheet spring: sim to Tinnerman C1356-632-24.
	19J706152P5	Retainer strap: sim to Panduit Corp. SST-1. (Used in G1-G3).
	19J706152P5	Retainer strap: sim to Panduit Corp. SST-1. (Used in G4-G6).
	19A149502P3	Sleeving.
	19A704779P26	Connector, printed wiring: sim to Molex 08-55-0101.
	19B209727P11	Contact, electrical: sim to AMP 1-66504-0. (Used in G5).
	19B209727P10	Screwlock; female, sim to Amp 205817-1. (Used in G5).
	19A702405P32	Connector, Receptacle: sim to Dupont 48051. (Used in G5).

*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES

SIZE B DWG NO 19B234814 SH 1 REV



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	R.Sage 13421	5-30-86	
2	MHCarruth 13980	9-25-87	
3	DR.Cole REC ADDED SHEETS IN DISTR WAS UAA 5-24-88 JHC		

(GP 1)

- NOTES:
1. TERMINATE ALL SF22 WIRES WITH ITEM 2 TERMINAL (BOTH ENDS). TERMINATE ALL V16 WIRES WITH ITEM 3 TERMINAL (BOTH ENDS).

(GP 2)

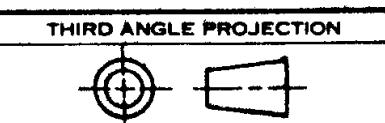
2. TOTAL LENGTH OF CABLE INCLUDES TERMINALS.

(17)

- SAME AS PART 1, EXCEPT OMIT V16-R & V16 BK

P.L.ISSUED

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	CABLE, VOTER INTR		
DIMENSIONS ARE IN INCHES	DRAWN R.Chalford	86 JAN 10			
TOLERANCES ON: 2 PL DECIMALS \pm 3 PL DECIMALS \pm ANGLES \pm FRACTIONS \pm	CHECKED		DIST. TO: H388127		
	ENGRG	QC/21			
	ISSUED	1/25/86	SIZE B	FSCM. NO.	DWG. NO. 19B234814
			SCALE	SHEET 1 CONT. ON 2 MV	



143 P (B)

EG-4

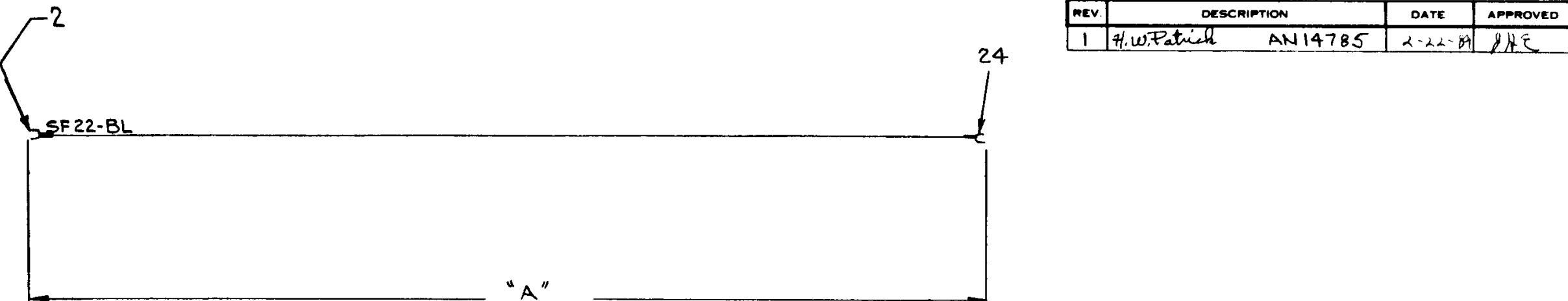
MV

↓																																																			
SIZE B DWG NO 19B234814 SH 2 REV																																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>TERMINATE ALL WIRES THIS END USING ITEM 24</p> </div> <div style="width: 45%;"> <p>TERMINATE ALL WIRES THIS END USING ITEM 2 EXCEPT WIRES TO P100</p> </div> </div> <table border="1" style="margin-top: 10px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">REVISIONS</th> </tr> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>H.W.Patrick AN14677</td> <td>1/13/89</td> <td>JHE</td> </tr> <tr> <td>2</td> <td>H.W.Patrick AN14785</td> <td>2-22-89</td> <td>JHE</td> </tr> </tbody> </table>				REVISIONS				REV.	DESCRIPTION	DATE	APPROVED	1	H.W.Patrick AN14677	1/13/89	JHE	2	H.W.Patrick AN14785	2-22-89	JHE																																
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2	H.W.Patrick AN14785	2-22-89	JHE																																																
<p>GROUP 3 NOTES:</p> <ol style="list-style-type: none"> 1. TERMINATE WIRES TO P100 WITH ITEM 33. 2. TOTAL LENGTH OF CABLE INCLUDES TERMINALS. 																																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="width: 10%;">UNLESS OTHERWISE SPECIFIED</td> <td colspan="2" style="width: 10%;">SIGNATURES</td> <td colspan="2" style="width: 10%;">DATE</td> </tr> <tr> <td colspan="2">DIMENSIONS ARE IN INCHES</td> <td colspan="2">DRAWN 01/CX</td> <td colspan="2">5-25-88</td> </tr> <tr> <td colspan="2">TOLERANCES ON: 2 PL DECIMALS ± 3 PL DECIMALS ± ANGLES ± FRACTIONS ±</td> <td colspan="2">CHECKED</td> <td colspan="2"></td> </tr> <tr> <td colspan="2"></td> <td colspan="2">ENGRD J.N.F.</td> <td colspan="2">8/31/88</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">ISSUED 01/CX</td> <td colspan="2">8/31/88</td> </tr> <tr> <td colspan="2" style="text-align: center;">APPLIED PRACTICE AA02.522A</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2" style="text-align: center;">FMP PST VOTER</td> <td colspan="2" style="text-align: center;">SIZE PGCM. NO. DWG. NO.</td> <td colspan="2" style="text-align: center;">19B234814</td> </tr> <tr> <td colspan="2" style="text-align: center;">TCFO INDEX</td> <td colspan="2" style="text-align: center;">SCALE</td> <td colspan="2" style="text-align: center;">SHEET 2 CONT ON 3</td> </tr> </table>				UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		DIMENSIONS ARE IN INCHES		DRAWN 01/CX		5-25-88		TOLERANCES ON: 2 PL DECIMALS ± 3 PL DECIMALS ± ANGLES ± FRACTIONS ±		CHECKED						ENGRD J.N.F.		8/31/88				ISSUED 01/CX		8/31/88		APPLIED PRACTICE AA02.522A						FMP PST VOTER		SIZE PGCM. NO. DWG. NO.		19B234814		TCFO INDEX		SCALE		SHEET 2 CONT ON 3	
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THIRD ANGLE PROJECTION 		CABLE PST VOTER 		L27 																																															
FN-1143-P (B) 7-83				MV 71																																															

SIZE B DWG NO 19B234814 SH 3 REV

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
1	H.W.Patrick AN14785	2-22-89	JHE



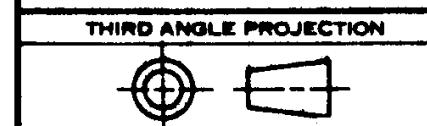
GROUP	DIM "A"	REMARKS
4	50.00 IN	PST VOTER(2-GRX)
6	63.00 IN	PST VOTER(7-12 RX)

(GP4, GP6)

(12) NOTES:
1.

2. TOTAL LENGTH OF CABLE
INCLUDES TERMINALS.

PL ISSUED

FN-1143-P (B)
7-83

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PL. DECIMALS ± 3 PL. DECIMALS ± ANGLES ± FRACTIONS ± ✓ APPLIED PRACTICES A40201229	SIGNATURES DRAWN <i>[Signature]</i> 5/23/89 CHECKED ENGRD <i>[Signature]</i> 5/31/89 ISSUED <i>[Signature]</i> 5/31/89	DATE 5/23/89
FMF PST VOTER FCFO INDEX		SHEET 3 CONT. ON 4
SIZE B FBCM. NO. DWG. NO. 19B234814		SCALE

DIST. TO L27

MV

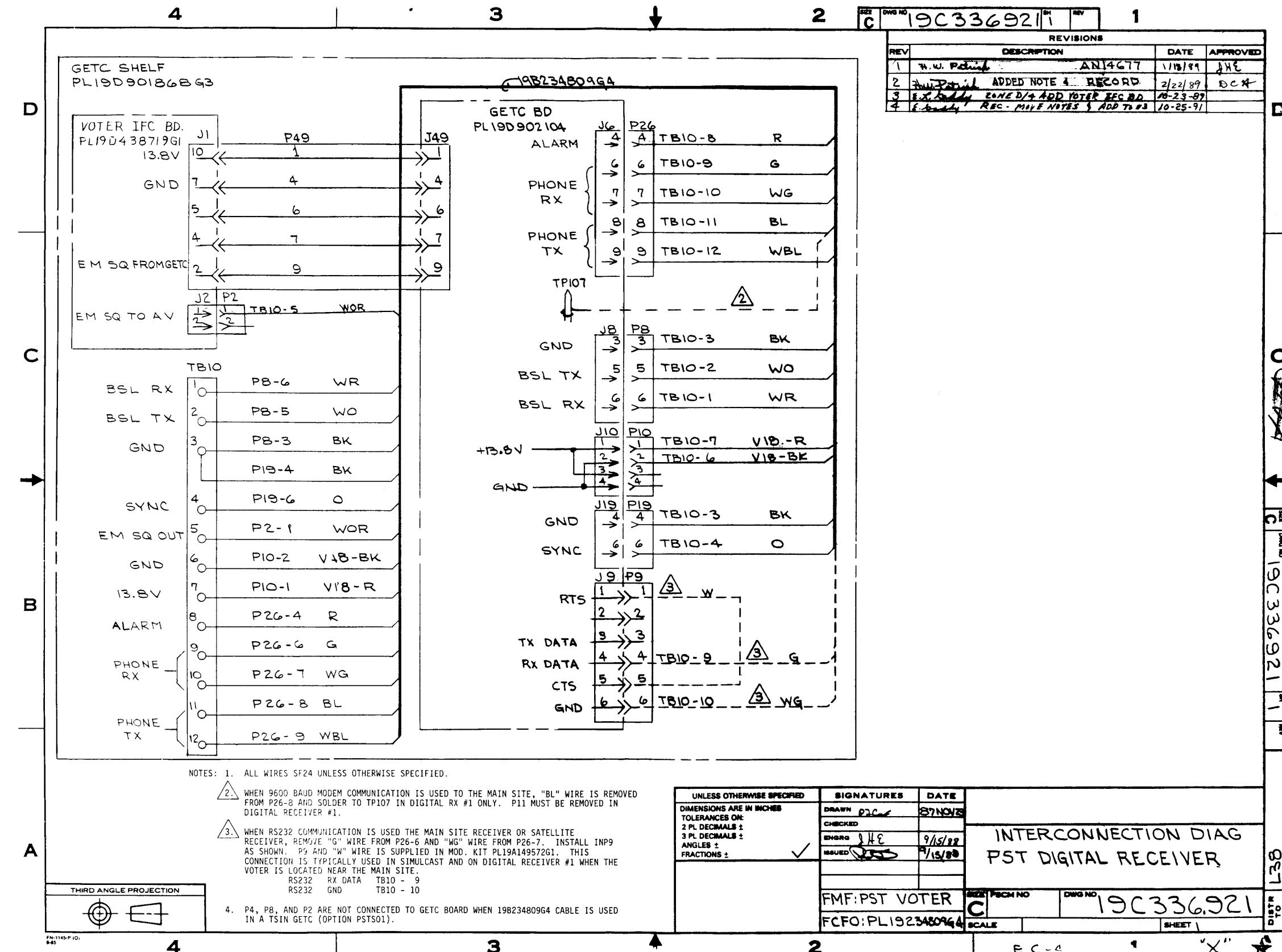
	SIZE B	DWG NO.	19B234814	SH 4	REV																																				
		REVISIONS																																							
	REV.	DESCRIPTION	DATE	APPROVED																																					
	1	AN14677	1/13/89	JHE																																					
	2	E. ready REC- ADD GP. II	4-08-92	SM																																					
<p>⑧ (GP 7 & 8)</p> <p>⑨ (GP 5)</p> <p>⑩ SAME AS PART 18, EXCEPT OMIT ITEMS 4 & 24</p> <p>⑪ SAME AS PART 19, EXCEPT SUBSTITUTE ITEM 3 & 35 WITH ITEM 37 & 38 RESPECTIVELY.</p>																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">DIM</th> <th style="width: 40%;">LENGTH</th> <th style="width: 50%;">GROUP</th> </tr> </thead> <tbody> <tr> <td>"A" ±.50</td> <td>72.00</td> <td>5</td> </tr> <tr> <td>"A" ±.50</td> <td>54.00</td> <td>7</td> </tr> <tr> <td>"A" ±.50</td> <td>72.00</td> <td>8</td> </tr> <tr> <td>"A" ±.50</td> <td>60.00</td> <td>11</td> </tr> </tbody> </table>						DIM	LENGTH	GROUP	"A" ±.50	72.00	5	"A" ±.50	54.00	7	"A" ±.50	72.00	8	"A" ±.50	60.00	11																					
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<p>NOTES:</p> <p>⚠ CRIMP BOTH BK WIRES IN ITEM 35</p>																																									
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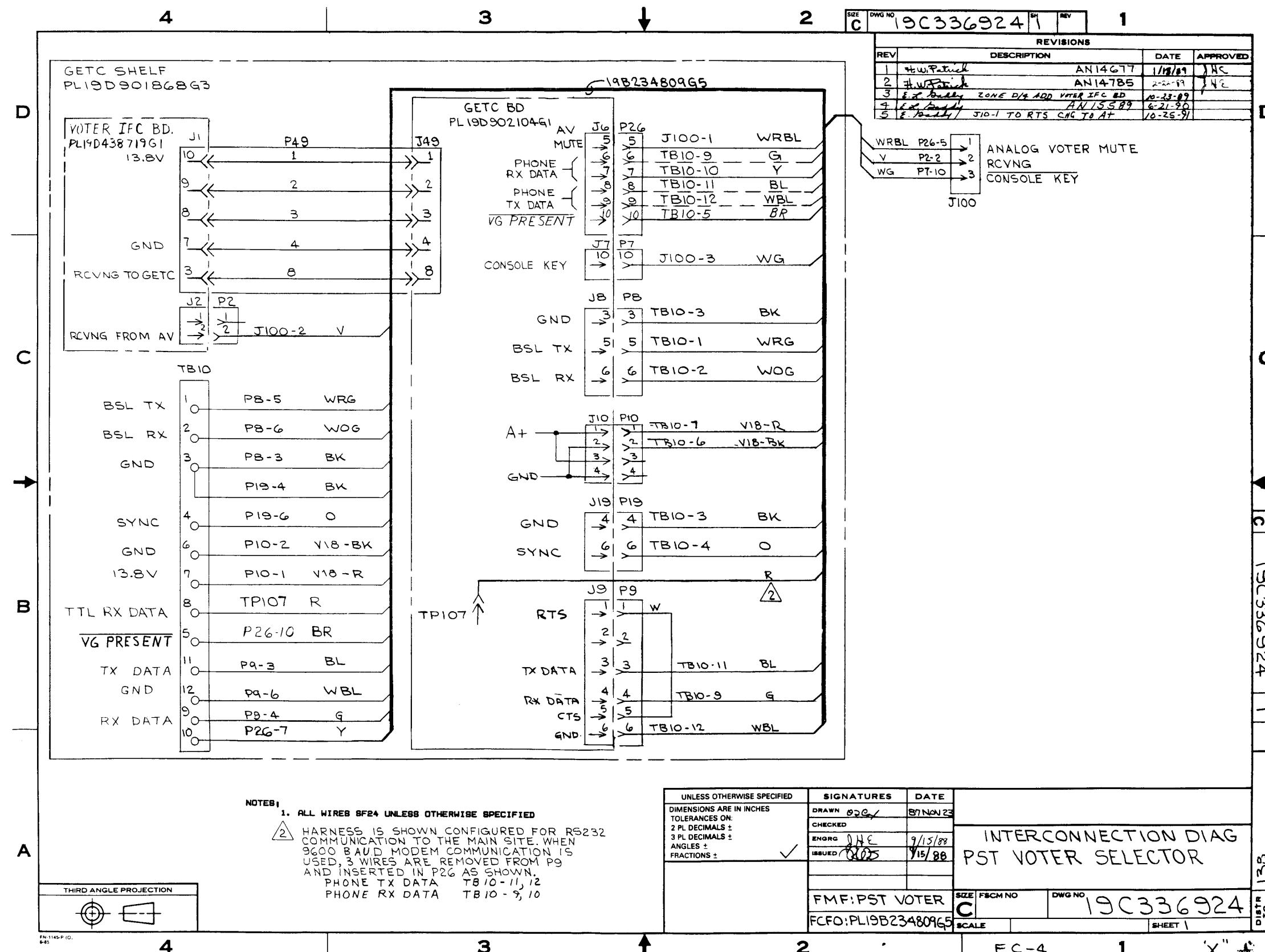
PARTS LIST

CABLE
19B234814G1-G9
ISSUE 1

SYMBOL	PART NO.	DESCRIPTION
P100	19B209727P21	- - - - - PLUGS - - - - - Shell. (Used in G3).
	19B209260P103	- - - - - MISCELLANEOUS - - - - - Solderless terminal; sim to AMP 60495-1. (Used in G1,G2,G3,G4,G6, & G9).
	19B209260P102	Solderless terminal. (Used in G1,G5,G7, & G8).
	19A115870P2	Wire. (Used in G1,G2,G7, G8).
	19A115870P3	Wire. (Used in G1,G2, & G3).
	19A115870P17	Wire. (Used in G1 and G2).
	19A116850P2	Wire. (Used in G1,G5,G7, & G8).
	19A116850P10	Wire. (Used in G1,G5,G7, & G8).
	19J706152P5	Retainer strap: sim to Panduit Corp. SST-1. (Used in G1,G2,G3,G5,G7, & G8).
	19A115870P5	Wire. (Used in G1,G2, & G3).
	19A115870P1	Wire. (Used in G3).
	19A115870P6	Wire. (Used in G3,G4, & G6).
	19A115870P12	Wire. (Used in G3).
	19B209260P108	Terminal. (Used in G3,G4,G6,G7, & G8).
	19A115870P34	Wire, stranded, red. (Used in G3).
	19A115870P15	Wire. (Used in G3).
	19A115870P7	Wire. (Used in G9).
	19B209727P12	Contact. (Used in G3).
	19B209727P9	Screw. (Used in G3).
	19B209260P10	Solderless terminal. (Used in G5,G7, & G8).

*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES





	4	3	2	1								
			SIZE C DWG NO 19C337053 SH 1 REV 1 REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NO CHG.</td> <td>3/1/89</td> <td></td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	APPROVED	1	NO CHG.	3/1/89		
REV	DESCRIPTION	DATE	APPROVED									
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D				D								
C				C								
B				B								
A				A								

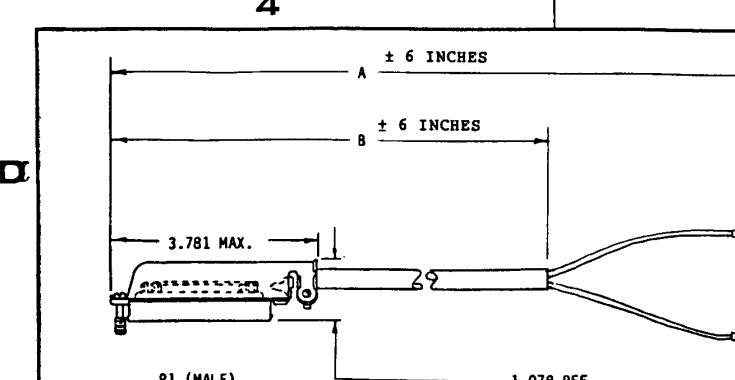


FIG. 1

REQUIREMENT

- 1) ALL CABLE ASSEMBLIES TO BE 100% TESTED FOR OPEN & SHORTED CONDITIONS.
- 2) CONNECTORS
P1 TO BE 50 CONTACT PLUG AMPHENOL CAT #157-72500-3 OR APPROVED EQUIVALENT SUPPLIED WITH LOW PROFILE HOOD & #4-40 X 3/4 INCH LONG SCREW.
J1 TO BE 50 CONTACT RECEPTACLE AMPHENOL CAT #157-82500-3 OR APPROVED EQUIVALENT SUPPLIED WITH LOW PROFILE HOOD AND 4-40 X 3/4 INCH LONG SCREW.
- 3) CABLE
CABLE TO BE SIMILAR TO HELIX WIRE CORP. CAT #G0207-4 OR ENGR APPROVED EQUIVALENT. CABLE TO CONSIST OF 25 TWISTED PAIRS OF #24 AWG STRANDED CONDUCTORS COLOR CODED AS SHOWN IN CONNECTION CHART. CABLE CONSTRUCTION TO BE AS SHOWN BELOW.
A) CONDUCTORS TO BE #24 AWG CONSISTING OF 7 STRANDS OF #32 AWG TINNED ANNEALED COPPER WIRE. DIELECTRIC MAT'L TO BE .009 INCH NOMINAL THICKNESS SEMI-RIGID PVC.
B) LAY OF PAIRS TO BE 1.5 INCH MAX.
C) OVERALL SHIELD SHALL CONSIST OF ALUM/POLYESTER TAPE WITH 15% OVERLAY. A #24 AWG STRANDED DRAIN WIRE TO BE PLACED IN CONTACT WITH SHIELD.
D) JACKET TO BE .032 NOMINAL THICKNESS PVC. OD OF FINISHED CABLE TO BE .495 NOM.
E) ENVIRONMENTAL
TEMP RANGE -20°C TO +75°C
VOLTAGE RATING 150V MAX.
FLAMMABILITY - MEETS UL 1681 VERTICAL TRAY FLAME TEST
F) ELECTRICAL
CHARACTERISTIC IMPEDANCE - 70 OHMS NOMINAL
CAPACITANCE - 30 pF/FT NOM @ 1 KHz
VELOCITY OF PROPAGATION - 52% NOM
PROPAGATION DELAY - 1.9 NS/FT NOMINAL
- 4) SPADE TERMINALS TO BE AMP INC CAT # 60445-2 OR 42160-2A OR APPROVED EQUIVALENT APPLIED AS SHOWN IN WIRE CONNECTION CHART.

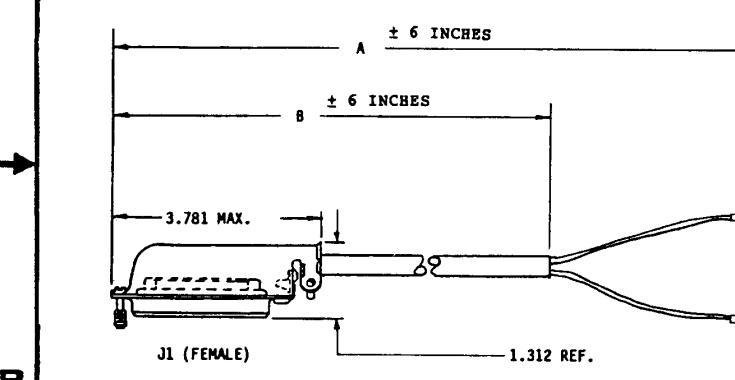
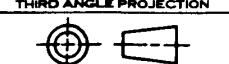


FIG. 2

PURCHASE FROM AN APPROVED VENDOR.

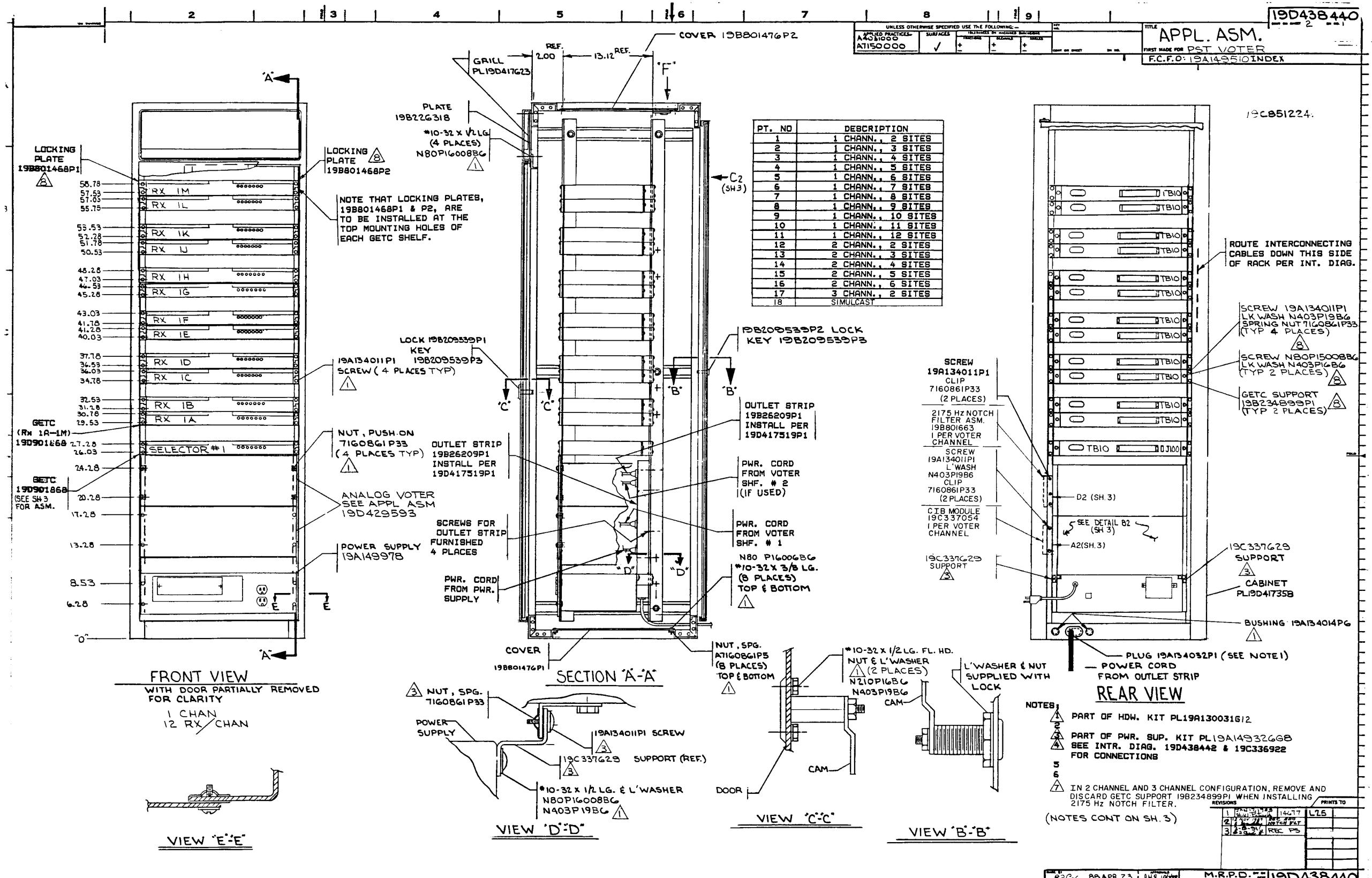
PURCHASING TO SUPPLY VENDOR WITH COPIES OF THIS DRAWING 19A700070. MATERIAL MUST MEET INCOMING INSPECTION & TEST SAMPLE PER 19A700094.

THIS DRAWING SUBJECT TO THE PROVISIONS OF 19A700070

<p>THIRD ANGLE PROJECTION</p> 	UNLESS OTHERWISE SPECIFIED SIGNATURES DATE		
	DRAWN 0306 11-1-88		
	CHECKED 		
	ENGRD 744 11/2/88		
	ISSUED 11-2-88		
	✓ 		
CABLE			
SIZE C FSCM NO DWG NO 19C337053	SCALE SHEET 1	DISTR TO L36	

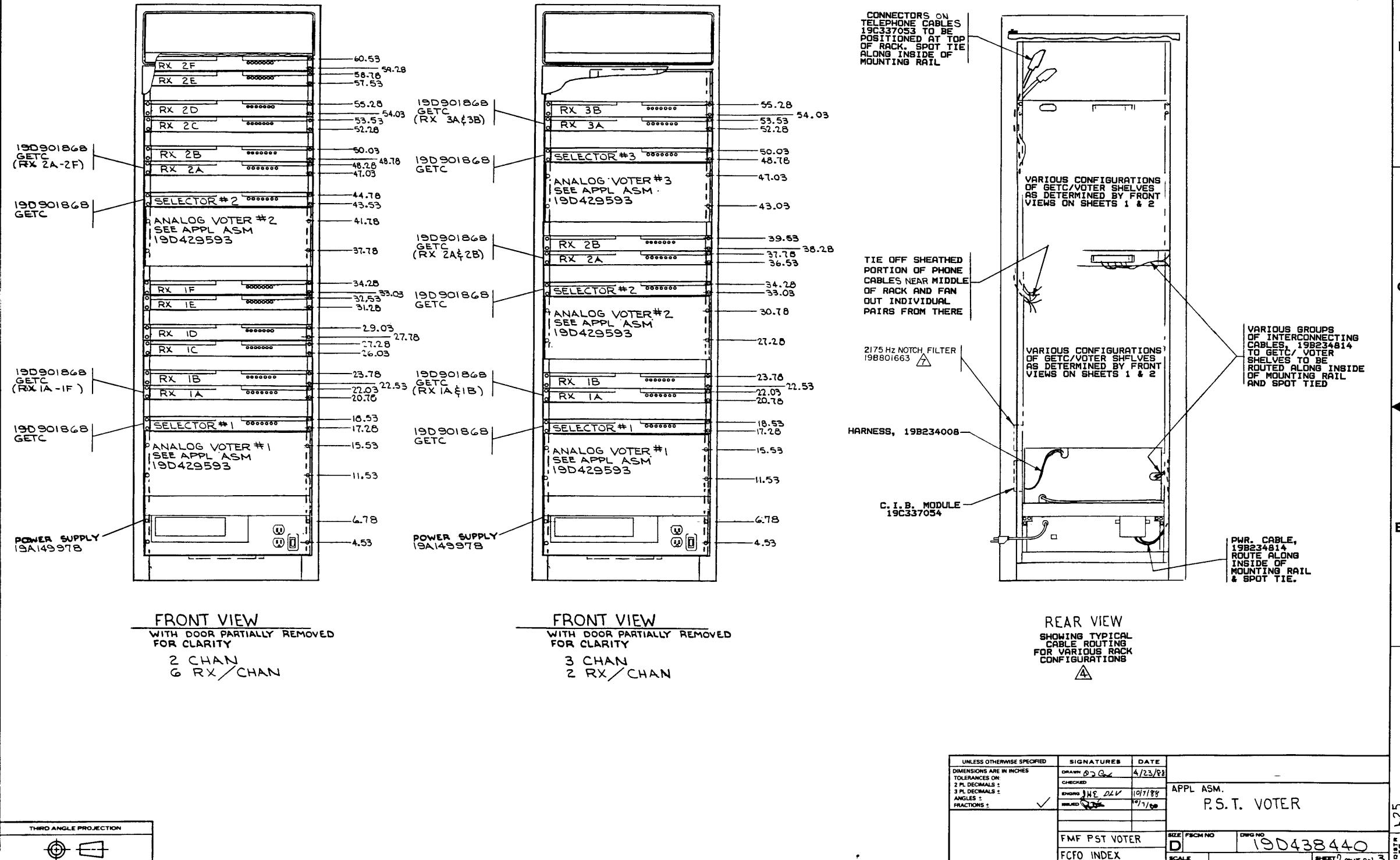
THE HIGHEST REVISION NO. ON ANY SHEET IS THE REVISION FOR ALL SHEETS OF DRAWING

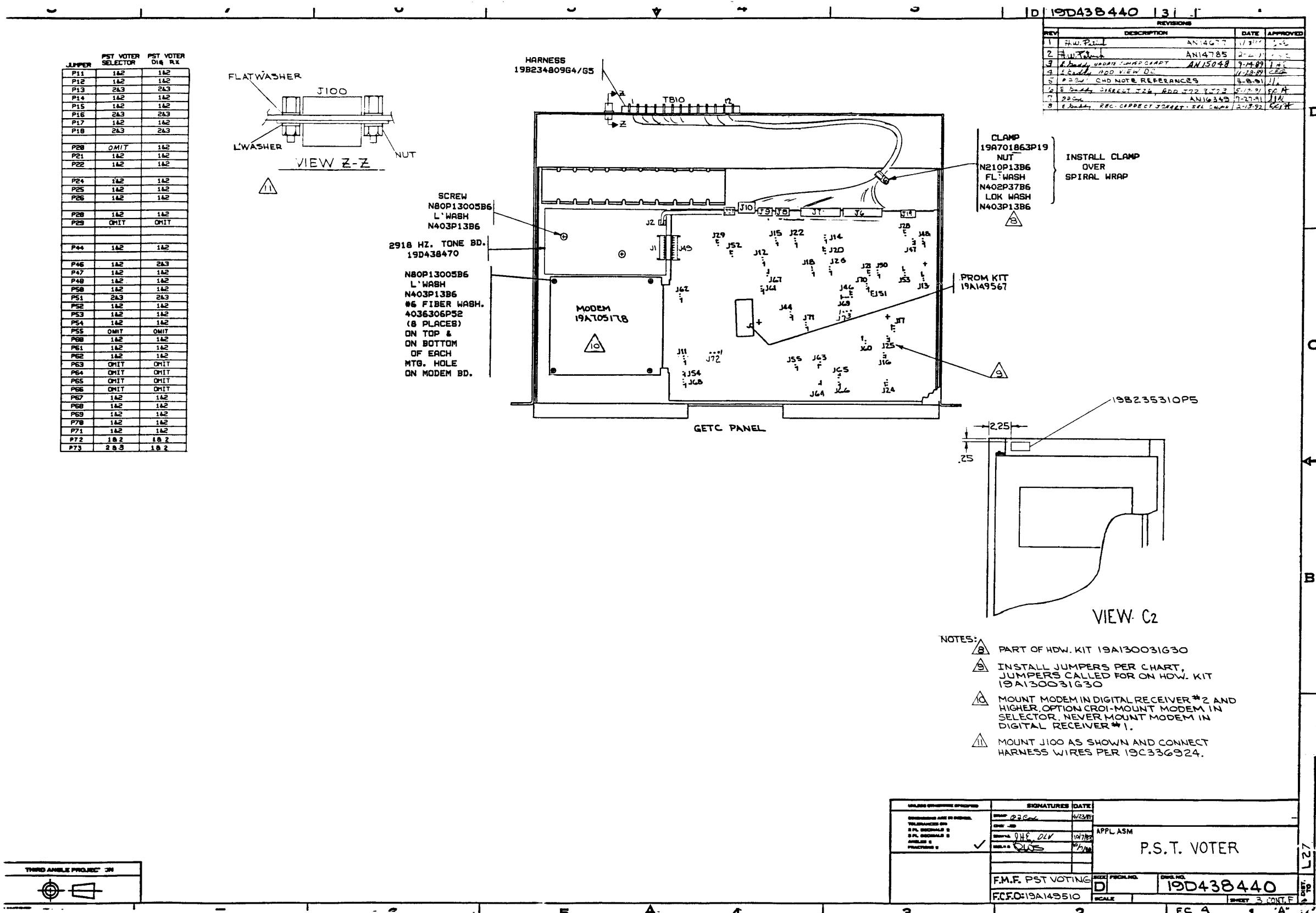
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THIRD ANGLE PROJECTION				THE HIGHEST REVISION NO. ON ANY SHEET IS THE REVISION FOR ALL SHEETS OF DRAWING																																																																																																																																																																																																																																																																																																																																																																										
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DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PL DECIMALS ± 3 PL DECIMALS ± ANGLES ± FRACTIONS ±				DRAWN 0706 11-1-88 CHECKED ENGRG 7/11/88 ISSUED 11-2-22																																																																																																																																																																																																																																																																																																																																																																										
CABLE				SIZE FSCM NO DWG NO C 19C337053 2 SH REV SCALE SHEET 2 OF 2																																																																																																																																																																																																																																																																																																																																																																										

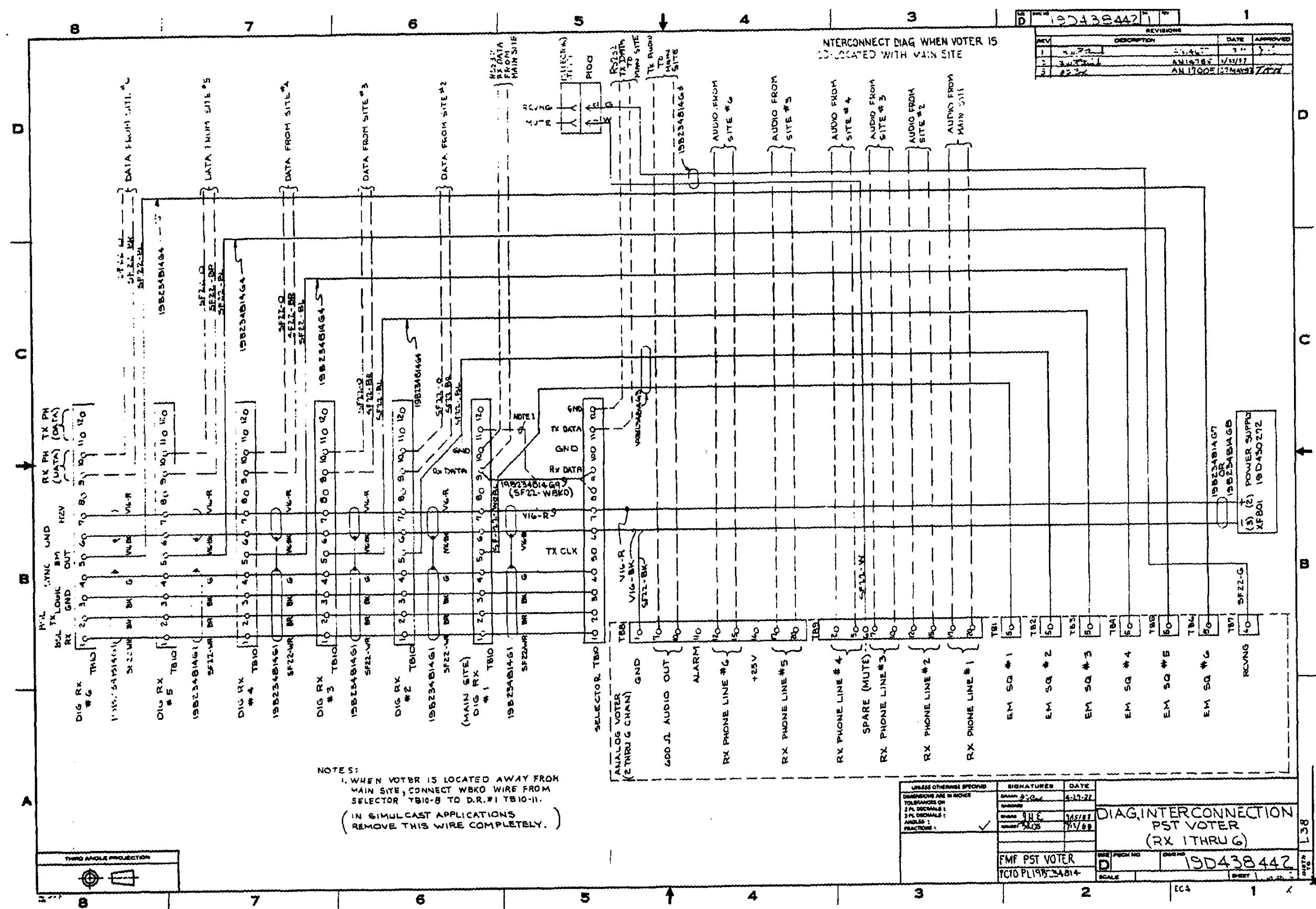


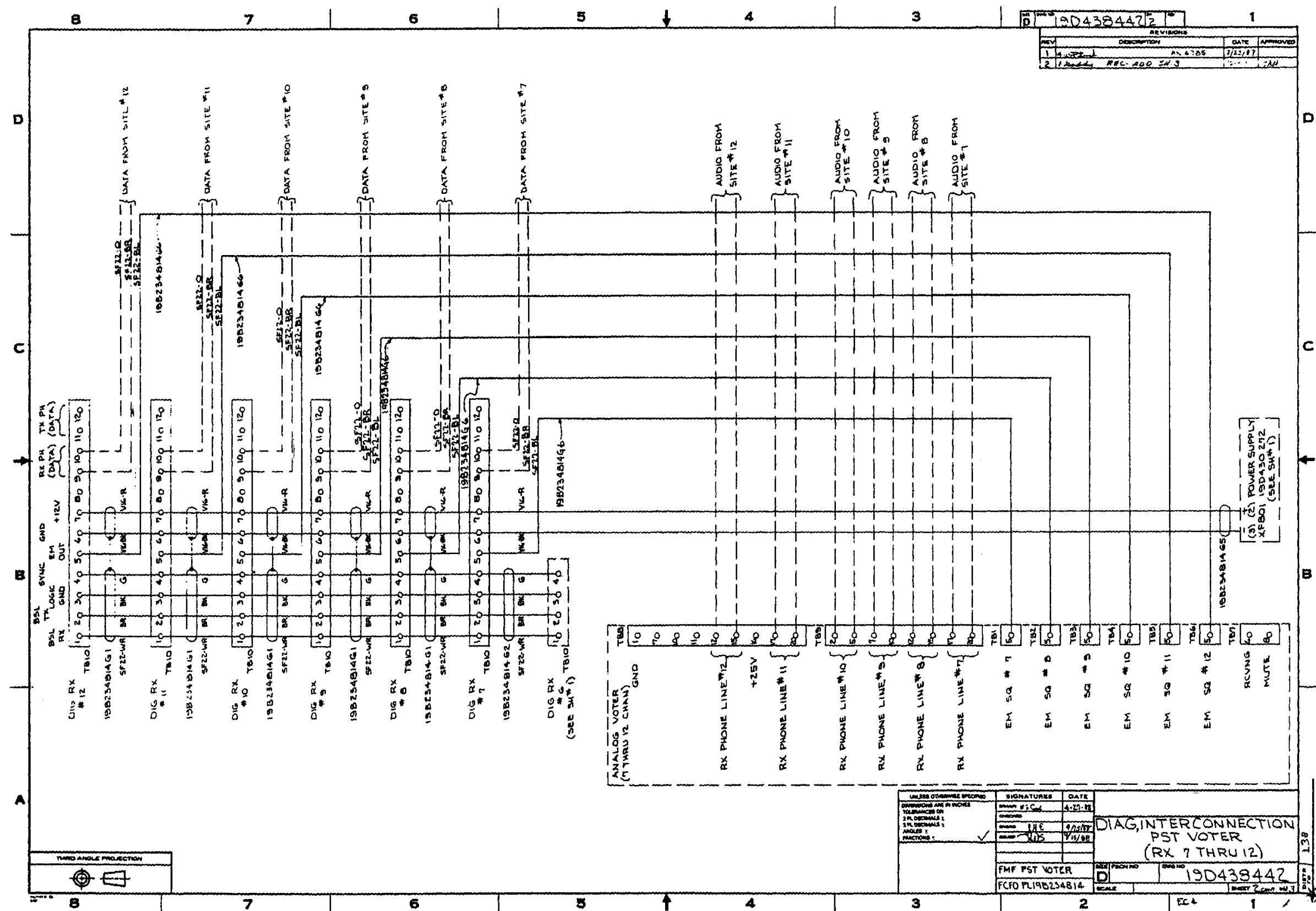
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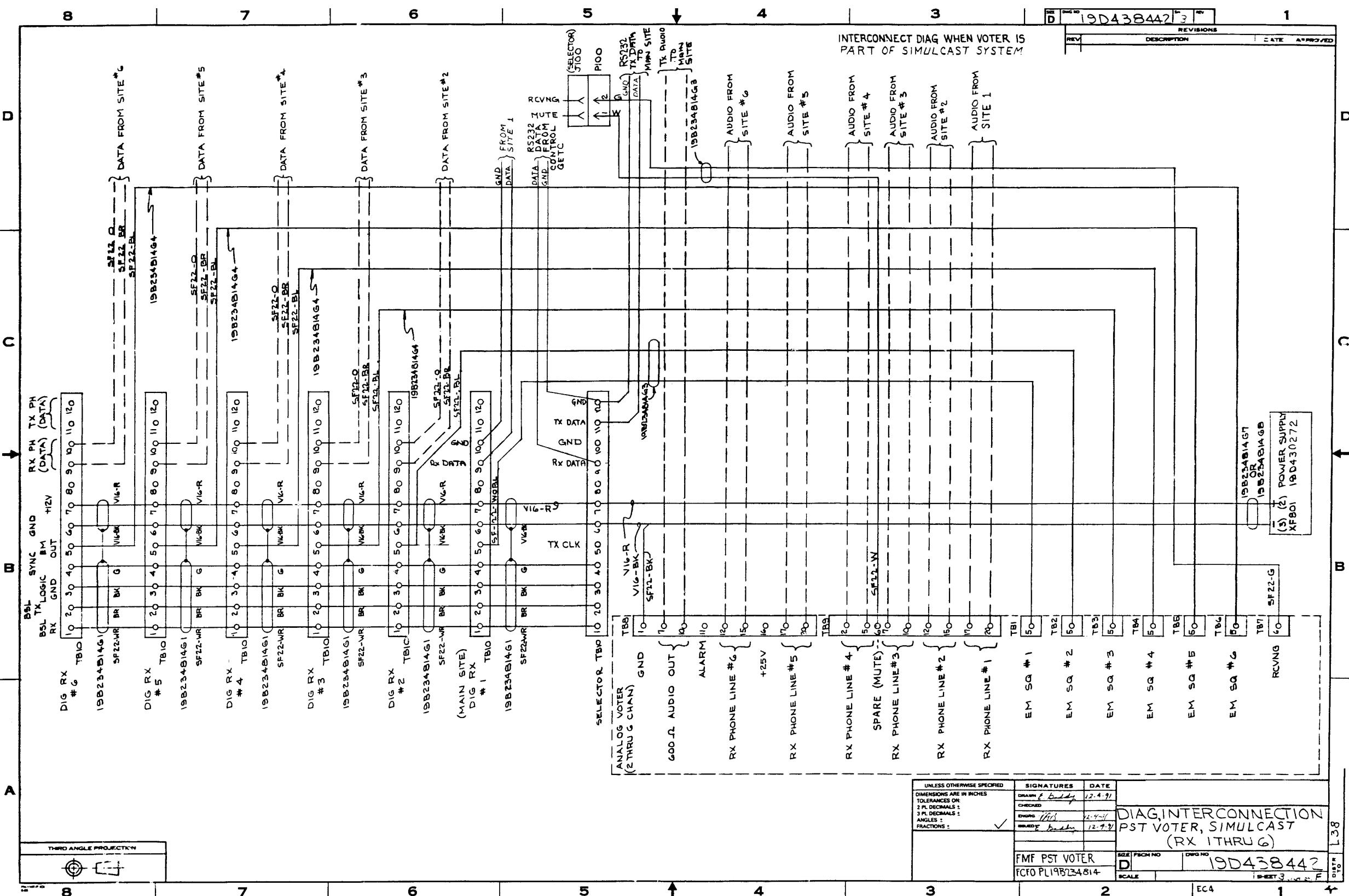
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	AN14785	1-24-11	142
Z	E&I 44 ADD NOTCH FILTER 2125 H 42	11-13-09	ACE
3	REPLACED POWER SUPPLY	8-8-01	110









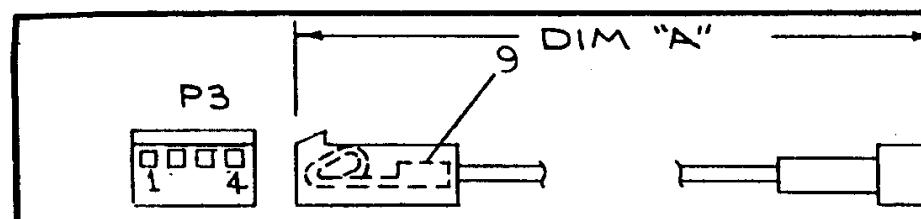


PARTS LIST

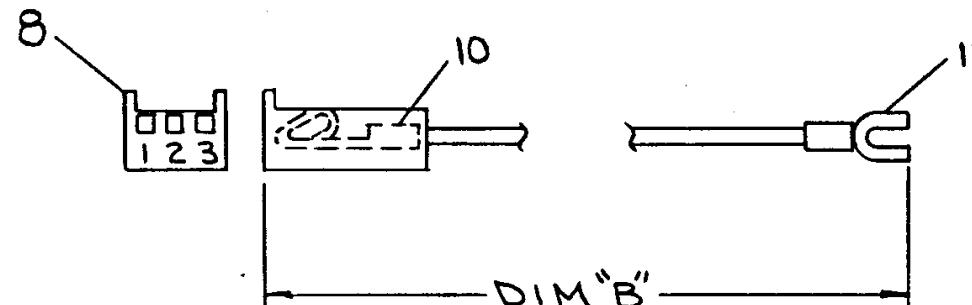
MODIFICATION KIT
19A149572G1-G5
ISSUE 1

SYMBOL	PART NO.	DESCRIPTION
TB10	19C301086P1	- - - - - TERMINAL BOARDS - - - - - Terminal board. (Used in G5).
	7143066P12	- - - - - MISCELLANEOUS - - - - - Wire. (Specify length). (Used in G1 and G2).
	19A700136P3	Insulative Sleeving, Electrical: sim to 19C301208. (Used in G2).
	19A115871P32	Wire. (Used in G2 and G3).
	19A705726G1	Connector. (Used in G1).
	19A115871P36	Wire. (Used in G4 and G5).
	19A705726G2	Connector. (Used in G4 and G5).
	H212CRP256C	Deposited carbon: 5.6K ohms + or -5%, 1/4 w. (Used in G3, G4, & G5).
	19B234814G9	Jumper. (Used in G4).
	19A115871P29	Wire, stranded, orange. (Used in G3).
	19A115871P22	Wire. (Used in G3).
	N80P13004B6	Machine screw: No. 6-32 x 1/4. (Used in G5).
	N403P13B6	Lockwasher: No. 6. (Used in G5).
	N210P13B6	Nut, steel: No. 6-32. (Used in G5).
	19J706152P5	Retainer strap: sim to Panduit Corp. SST-1. (Used in G5).

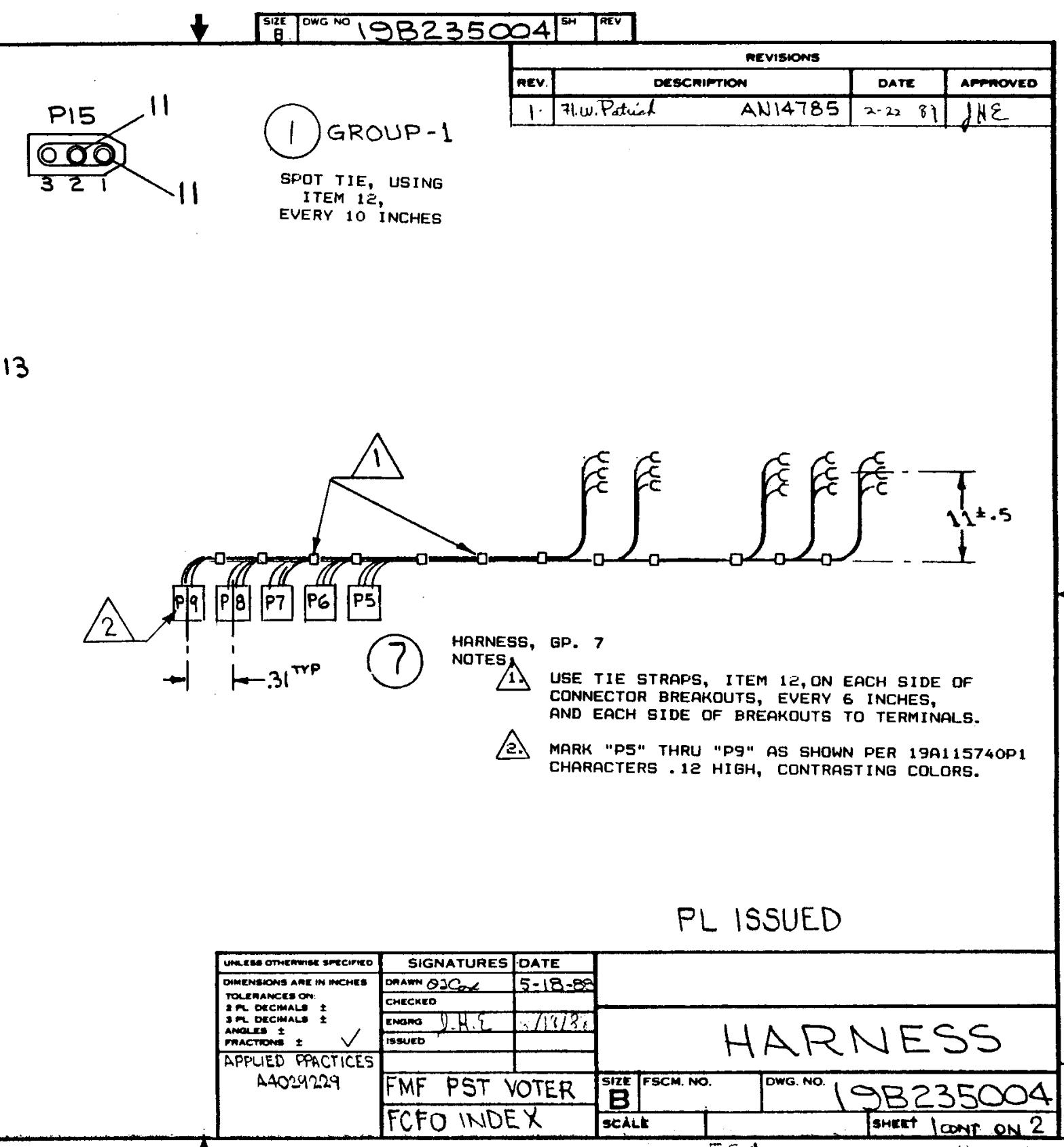
*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES



CONNECTIONS		CHART	
FROM	TO	WIRE	DIM A
P3-1	P15-1	V18-R	47 IN
P3-4	P15-2	V18-BK	



CONNECTION CHART FOR GROUP 7		
PIN #	WIRE	DIM "B" IN.
P5-1	SF22-G	.74
P5-2	SF22-BK	.74
P5-3	SF22-O	.74
PG-1	SF22-G	.66
P6-2	SF22-BK	.66
P6-3	SF22-O	.66
P7-1	SF22-G	.59
P7-2	SF22-BK	.59
P7-3	SF22-O	.59
P8-1	SF22-G	.36
P8-2	SF22-BK	.36
P8-3	SF22-O	.36
P9-1	SF22-G	.30
P9-2	SF22-BK	.30
P9-3	SF22-O	.30



PL ISSUED

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	
DIMENSIONS ARE IN INCHES	DRAWN 03Cox	5-18-82	
TOLERANCES ON:	CHECKED		
2 PL. DECIMALS ±			
3 PL. DECIMALS ±			
ANGLES ±	ENGRG D.H.E.	1/18/82	
FRACTIONS ±	ISSUED		
APPLIED PRACTICES			
A4029229	FMF PST VOTER	SIZE B	FSCM. NO. DWG. NO. 19B235004
	FCFO INDEX	SCALE	SHEET 1 CONT. ON 2

FN-1143-P 18
281

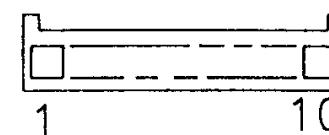
34

B DWG NO 19B235004 SH 2 REV

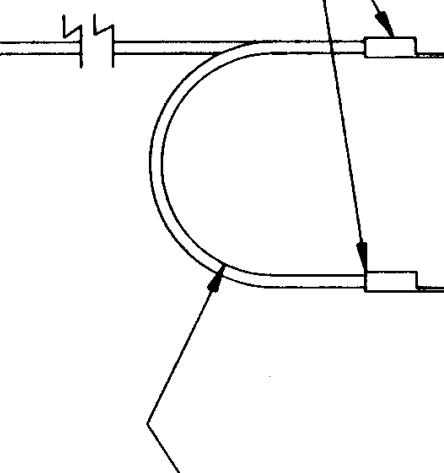
REVISIONS

REV	DESCRIPTION	DATE	APPROVED
1	AN14785 H.W.Ratnick	02/14/89	J.H.E. 2-22-89

(P1) 10



38

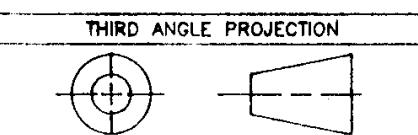


SEE NOTE 1

(GP. 8)
NOTES:

- ONE END OF BROWN & GREEN WIRES TO BE TERMINATED WITH SAME TERMINAL, ITEM 38, LET HANG OTHER END.
- TIE HARNESS WITH ITEM 12 APPROX. EVERY 4 IN.

FROM	TO	WIRE
P1-1	LET HANG	SF24-BR
SEE NOTE 1		SF24-BR
P1-2		SF24-G
SEE NOTE 1		SF24-G
P1-3		SF24-WBKR
P1-4		SF24-BK
P1-5		SF24-R
P1-6		SF24-O
P1-7		SF24-V
P1-8		SF24-Y
P1-9		SF24-W
P1-10	LET HANG	SF24-BL



PL ISSUED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PL DECIMALS \pm 3 PL DECIMALS \pm ANGLES \pm FRACTIONS \pm	SIGNATURES DRAWN R.W.SPENCER 08/22/88 CHECKED ENGRG J. H. E. 09/14/88 ISSUED H.W.R. Z/23/89	DATE
APPLIED PRACTICES A4029229	FMF PST VOTER FCFO INDEX	HARNESS
	SIZE B SCALE	FSCM NO

DIST TO L27

EC 4

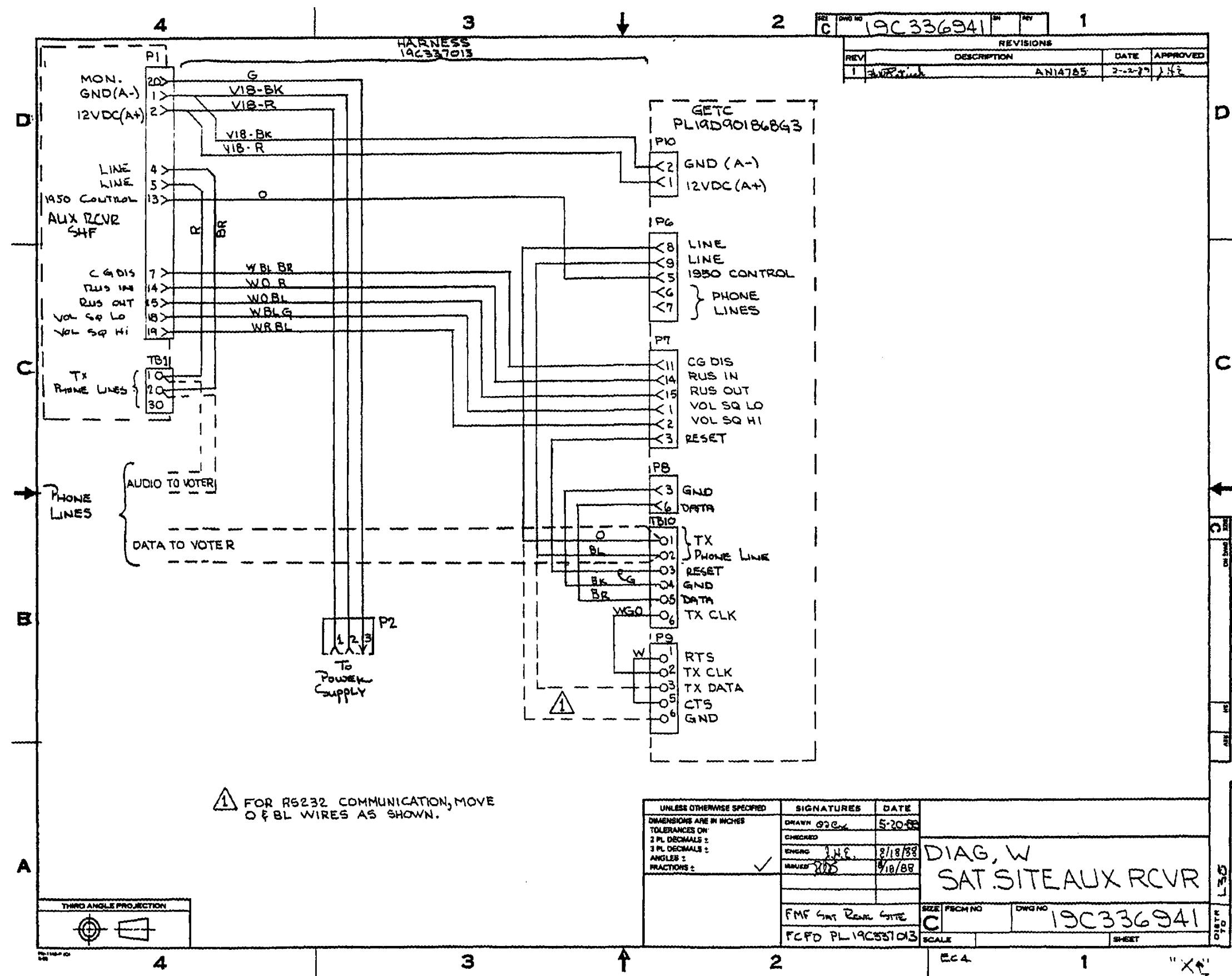
MV

PARTS LIST

HARNESS
19B235004G1-G8
ISSUE 1

SYMBOL	PART NO.	DESCRIPTION
P1	19A700041P36	- - - - - PLUGS - - - - - Shell. (Used in G8).
P3	19A116659P17	Connector, printed wiring: sim to Molex 09-50-3-41. (Used in G1).
P15	19B209288P10	Shell. (Used in G1).
		- - - - - MISCELLANEOUS - - - - -
	19A700041P29	Shell. (Used in G2-G7).
	19A116781P3	Contact, electrical: wire range No. 16-20 AWG; sim to Molex 08-50-0105. (Used in G1).
	19A704779P26	Connector, printed wiring: sim to Molex 08-55-0101. (Used in G2-G8).
	5496809P17	Contact, pin: female, brass; sim to Molex Products 1381-T. (Used in G1).
	19J706152P5	Retainer strap: sim to Panduit Corp. SST-1. (Used in G1, G7, & G8).
	19B209260P103	Solderless terminal; sim to AMP 60495-1. (Used in G2-G7).
	19B209260P108	Terminal. (Used in G8).
	19B235004P7	Harness. (Used in G2-G6).

*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES



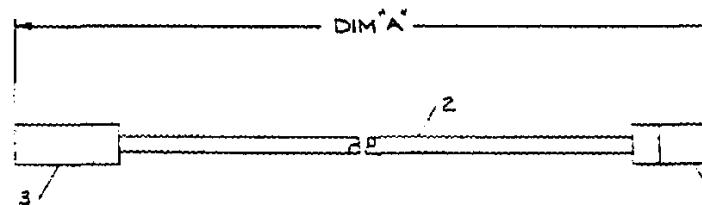
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3

↓

2

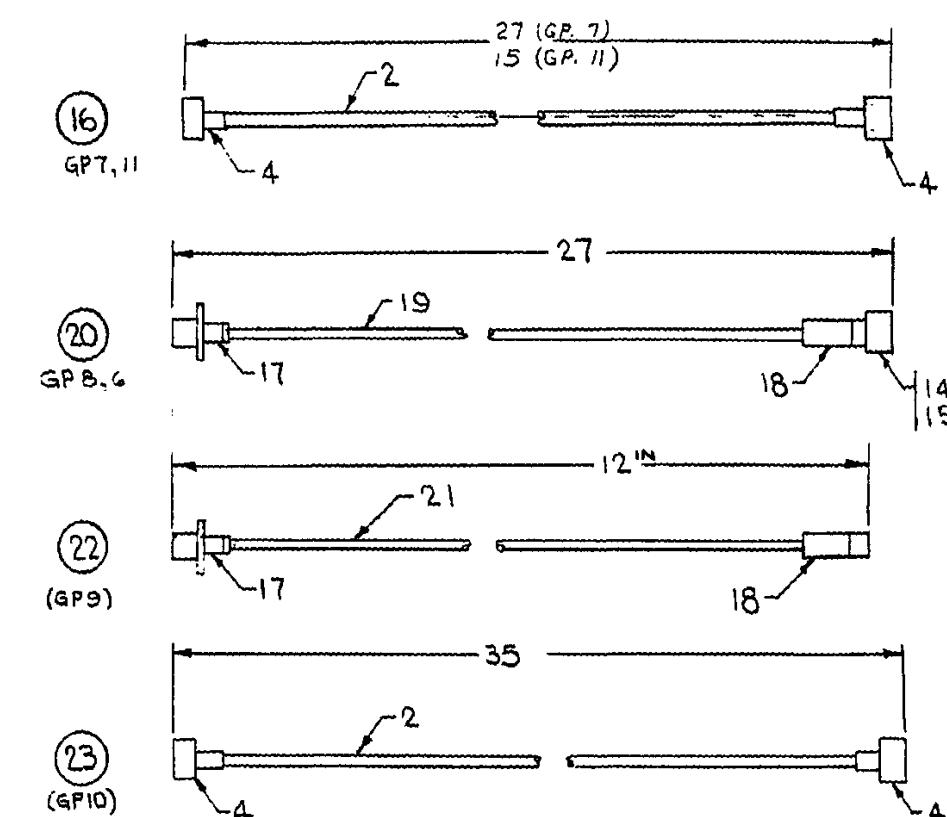
1



(GP1 THRU 5)

CABLE CHART				
GROUP	CONN	CABLE	CONN	DIM "A"
1	ITEM 3	ITEM 2	ITEM 4	70 IN
2				63 IN
3				52 IN
4				35 IN
5	↓	↓	↓	25 IN

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	REC ADD SP. II AT ITEM 16	7-29-1988	J.H.L. - 1988
2	REV BTL REC ADD GP. 6 AT ITEM 20	10-31-1988	John H. L. - 1988



PL ISSUED

RFCABLE ASM

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	L27
DIMENSIONS ARE IN INCHES	DRAWN 923-4	5-19-88	
TOLERANCES ON	CHECKED		
2 PL DECIMALS $\pm .15$	ENGRD J.H.C	9/12/88	
3 PL DECIMALS $\pm .005$	ISSUED C. 1005	9/12/88	
ANGLES $\pm 1^\circ$			
FRACTIONS \pm			
APPLIED PRACTICES			
AM0191219			
FMF PST SAT Rx CAB	SIZE	PCBN NO	DWG NO
	C		19C336946
SCALE			1
			Sheet

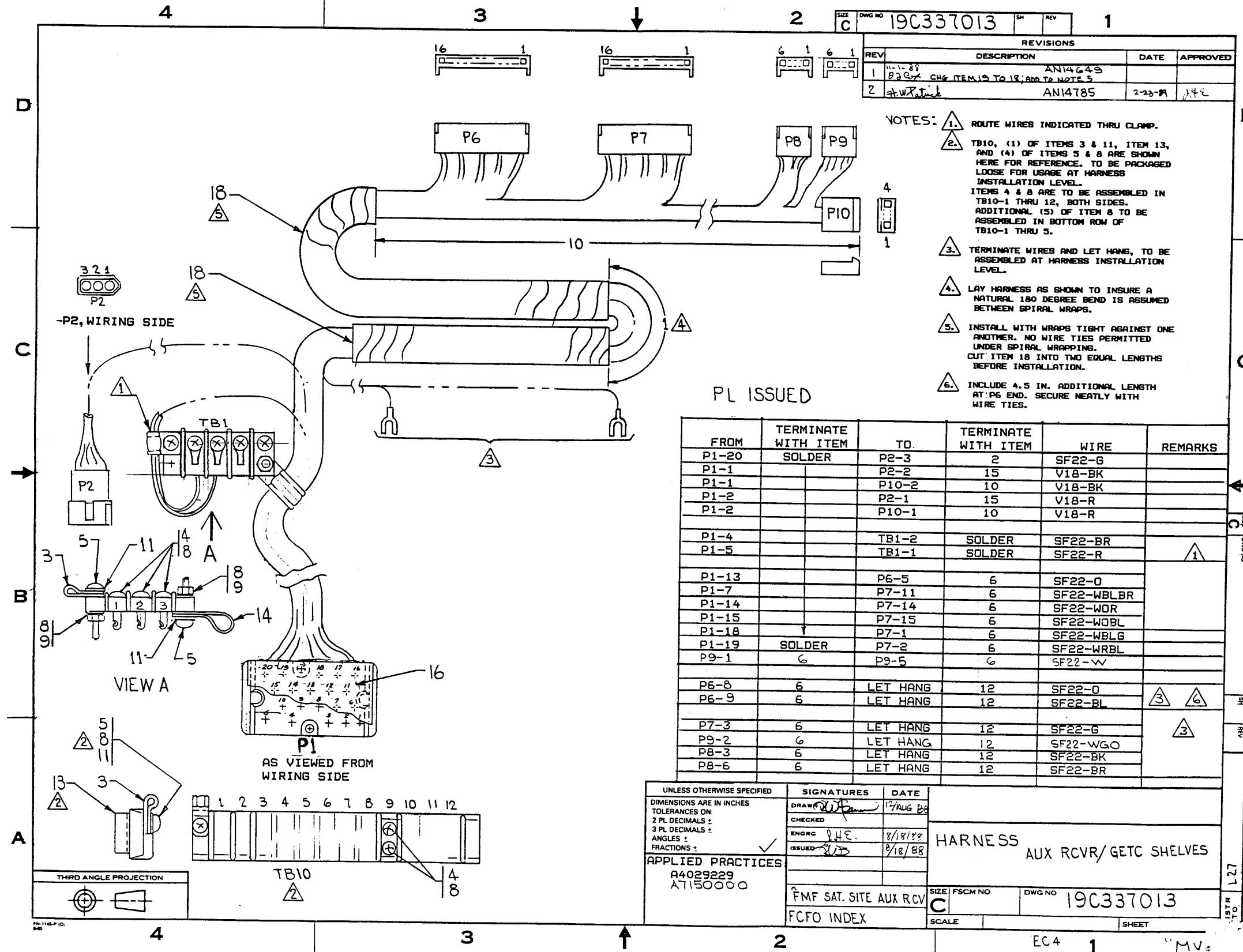


PARTS LIST

CABLE
19C336946G1-G5
19C336946G7-G11
ISSUE 1

SYMBOL	PART NO.	DESCRIPTION
	19B209044P25 19A115938P15 19A134434P3 4037803P2 19A701432P2 19A115938P2 19B209044P11 19B600560P2	----- MISCELLANEOUS ----- Cable RF. (Used in G1,G2,G3,G4,G5,G7,G10 & G11). Connector, coaxial: (BNC Series); sim to Amphenol 31-4328. (Used in G1,G2,G3,G4, & G5). Connector. (Used in G1,G2,G3,G4,G5,G7,G10 & G11). Adapter, coaxial: sim to Amphenol 31-216. (Used in G8). Connector. (Used in G8 and G9). Connector, coaxial: (BNC Series); sim to Amphenol 31-315. (Used in G8 and G9). RF: sim to Amphenol 21-598. (Used in G8). RF Cable. (Used in G9).

*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES

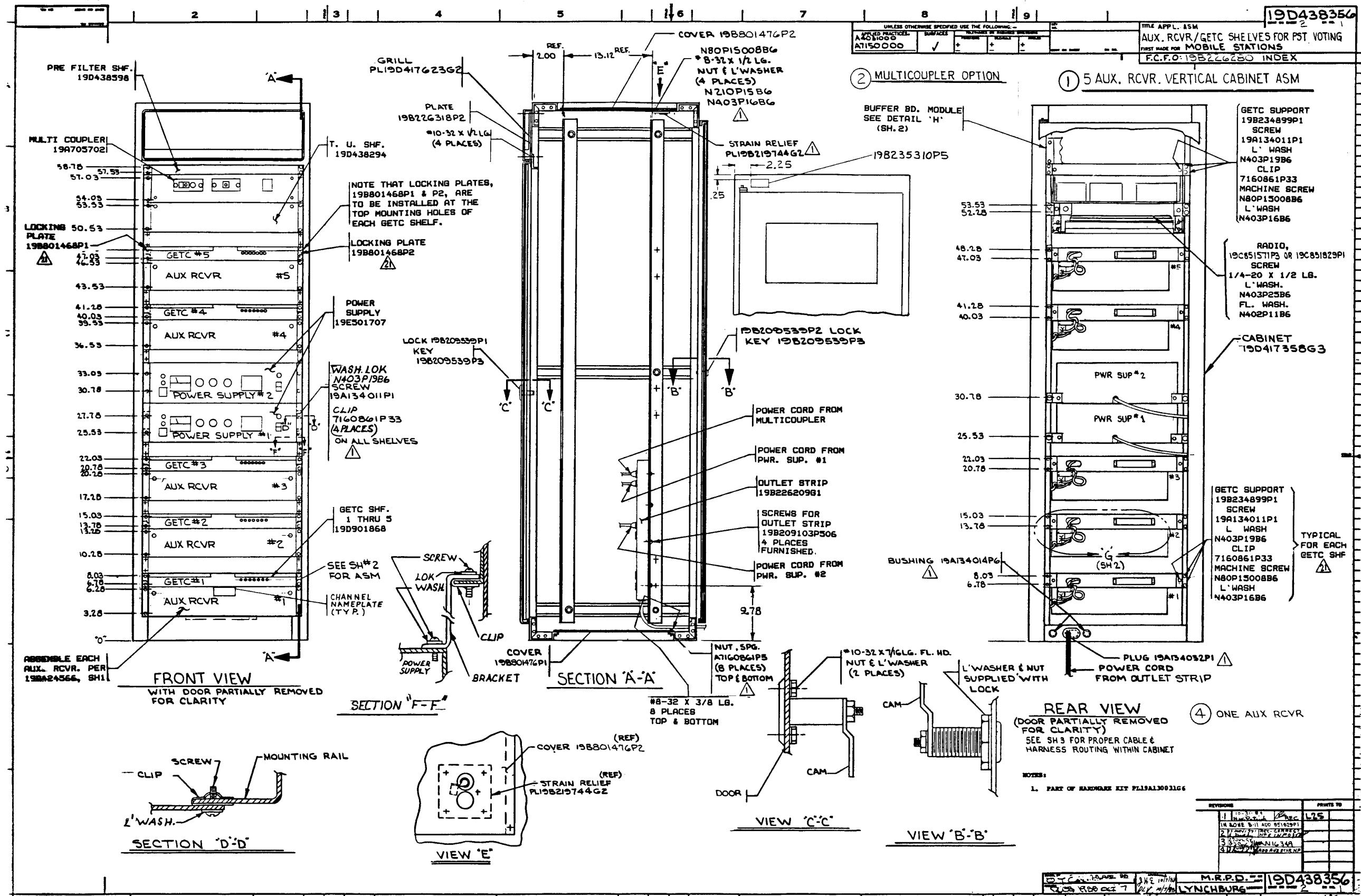


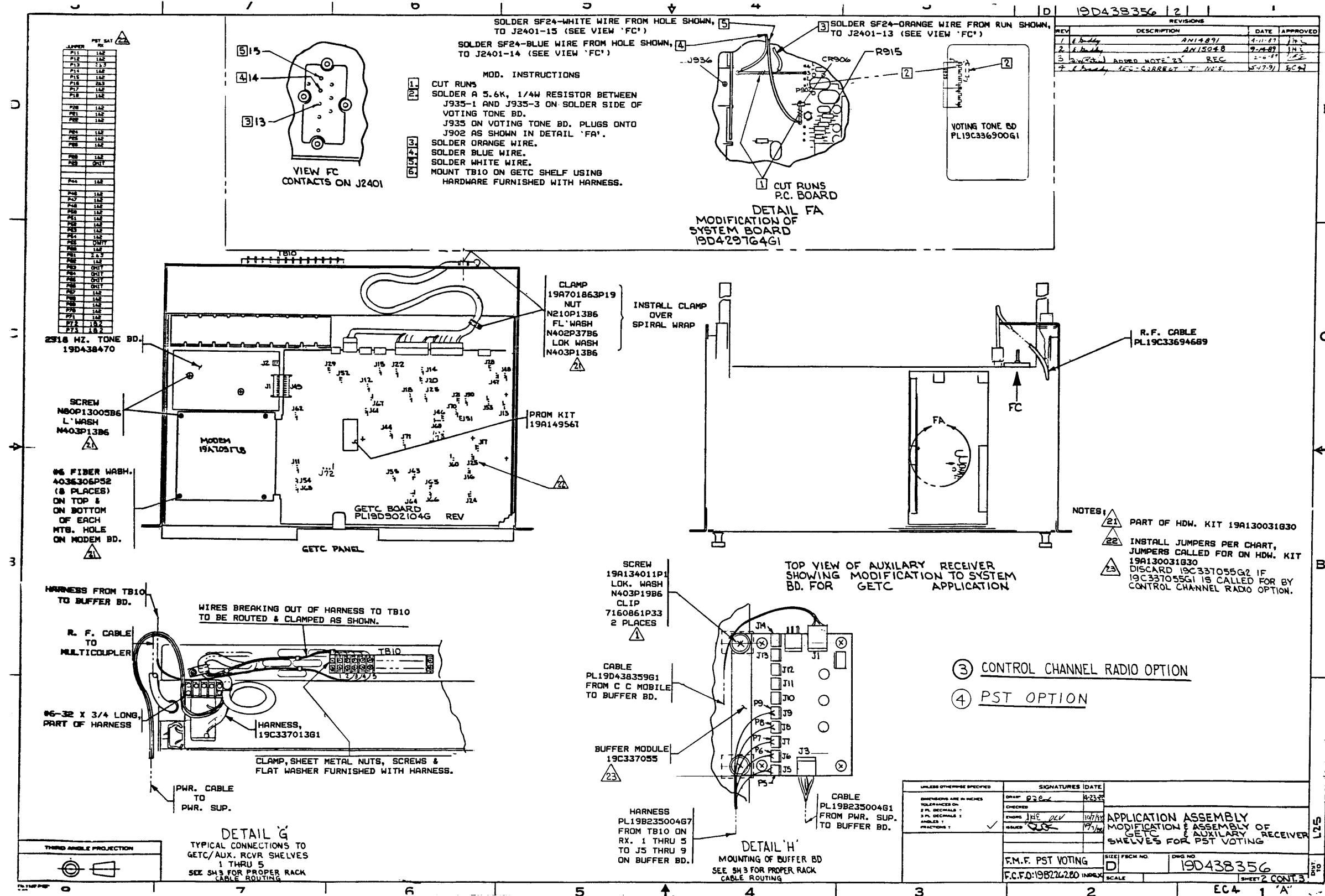
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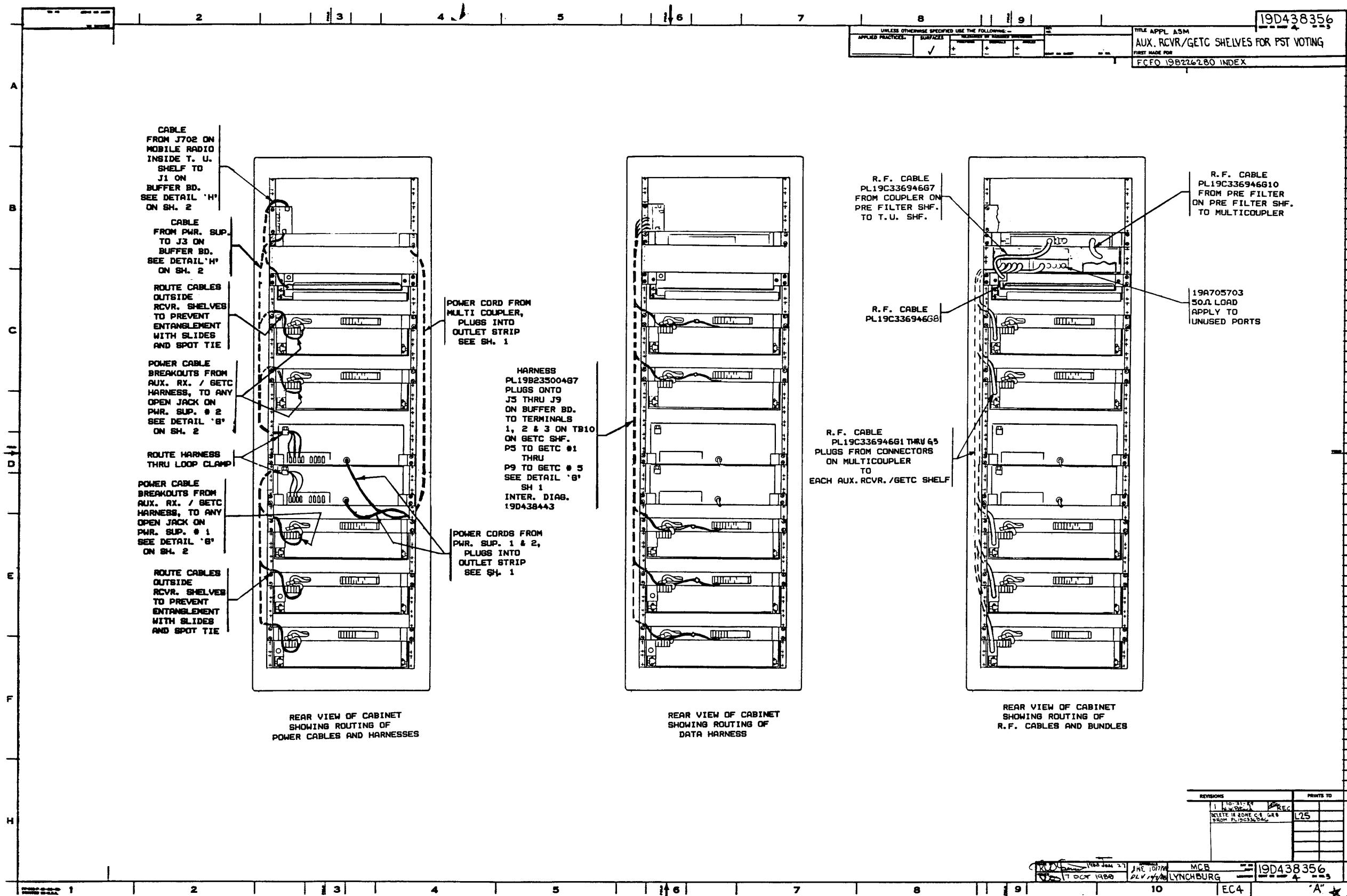
AUXILIARY RECEIVER/GETC HARNESS
19C337013G1
ISSUE 1

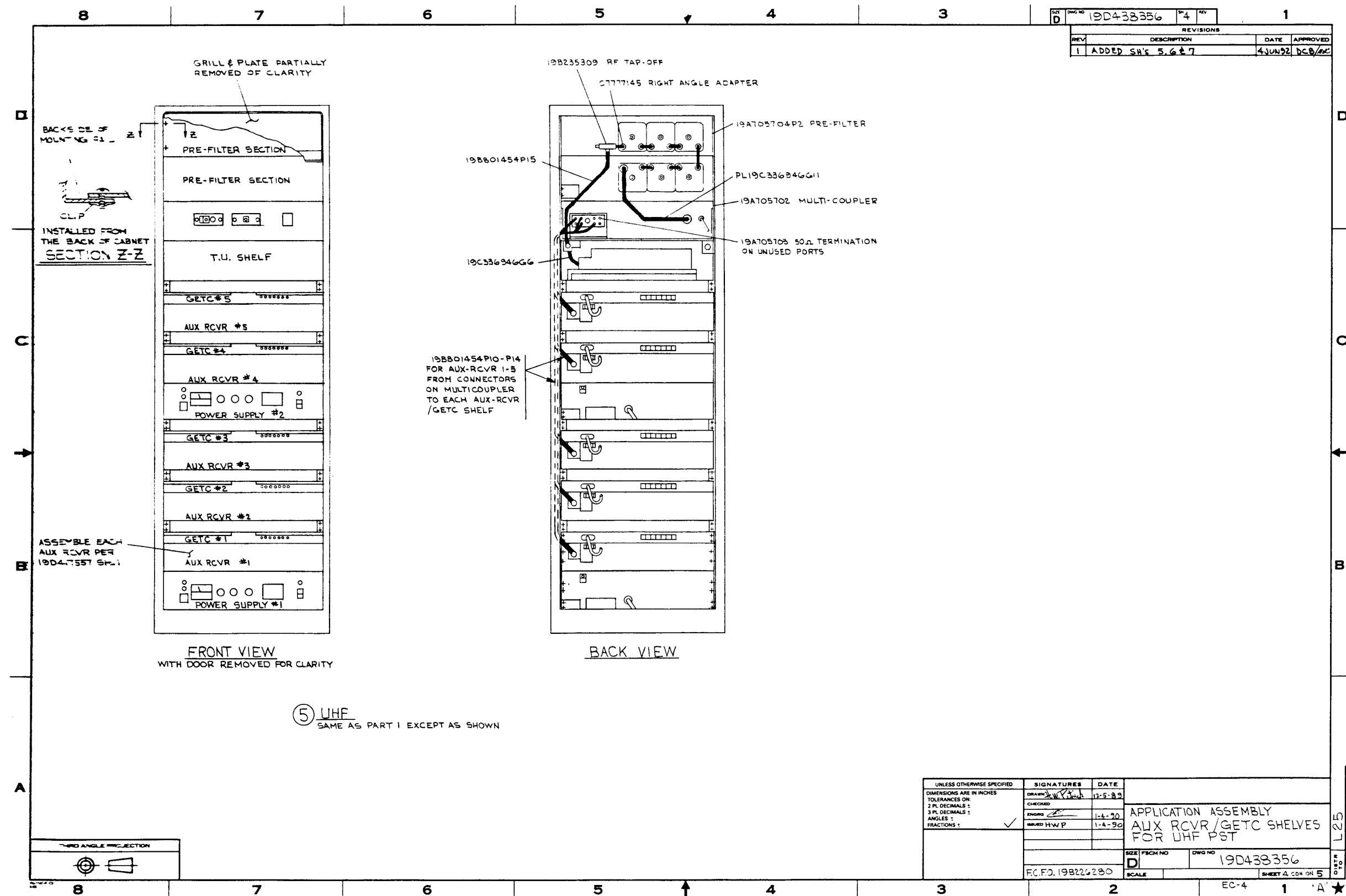
SYMBOL	PART NO.	DESCRIPTION
- - - - - PLUGS - - - - -		
P1	19A143191G1	Connector includes 19C330656P1 - SHELL and 19A115793P1 - CONTACTS.
P2	19B209288P10	Shell.
P6 and P7	19A700041P42	Connector, printed wiring.
P8 and P9	19A700041P32	Shell.
P10	19A116659P17	Connector, printed wiring: sim to Molex 09-50-3-41.
- - - - - TERMINAL BOARDS - - - - -		
TB1	19C301086P1	Terminal board.
TB10	19C301087P10	Terminal board.
- - - - - MISCELLANEOUS - - - - -		
5496809P18	Contact, pin: male, sim to Molex Products 1380-T.	
19A701863P12	Clip loop.	
N80P13004B6	Machine screw: No. 6-32 x 1/4.	
N80P13012B6	Screw: #6(.138) - 32 x .750.	
19A704779P26	Connector, printed wiring: sim to Molex 08-55-0101.	
N403P13B6	Lockwasher: No. 6.	
N210P13B6	Nut, steel: No. 6-32.	
19A116781P3	Contact, electrical: wire range No. 16-20 AWG; sim to Molex 08-50-0105.	
N402P7B6	Flatwasher, narrow: No. 6.	
19B209260P103	Solderless terminal; sim to AMP 60495-1.	
7160508P2	Nut, sheet spring: sim to Tinnerman C1356-632-24.	
19A701863P14	Clip, loop.	
19B209288P1	Contact, electrical: wire size No. 14-20 AWG; sim to Molex 02-09-1101.	
19A121589P1	Cover.	
19A149502P1	Sleeving.	
19A706152P5	Retaining strap.	

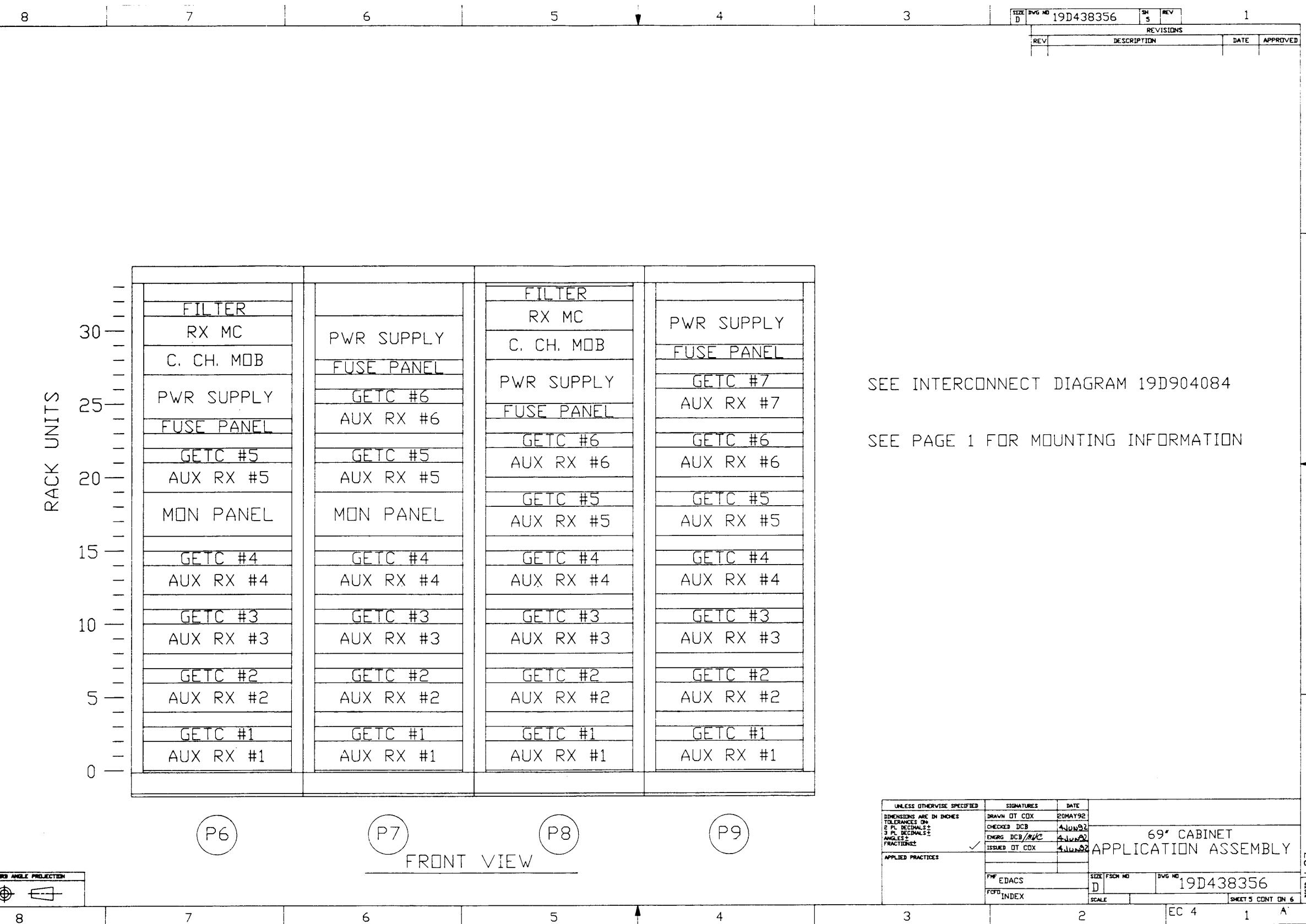
*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES

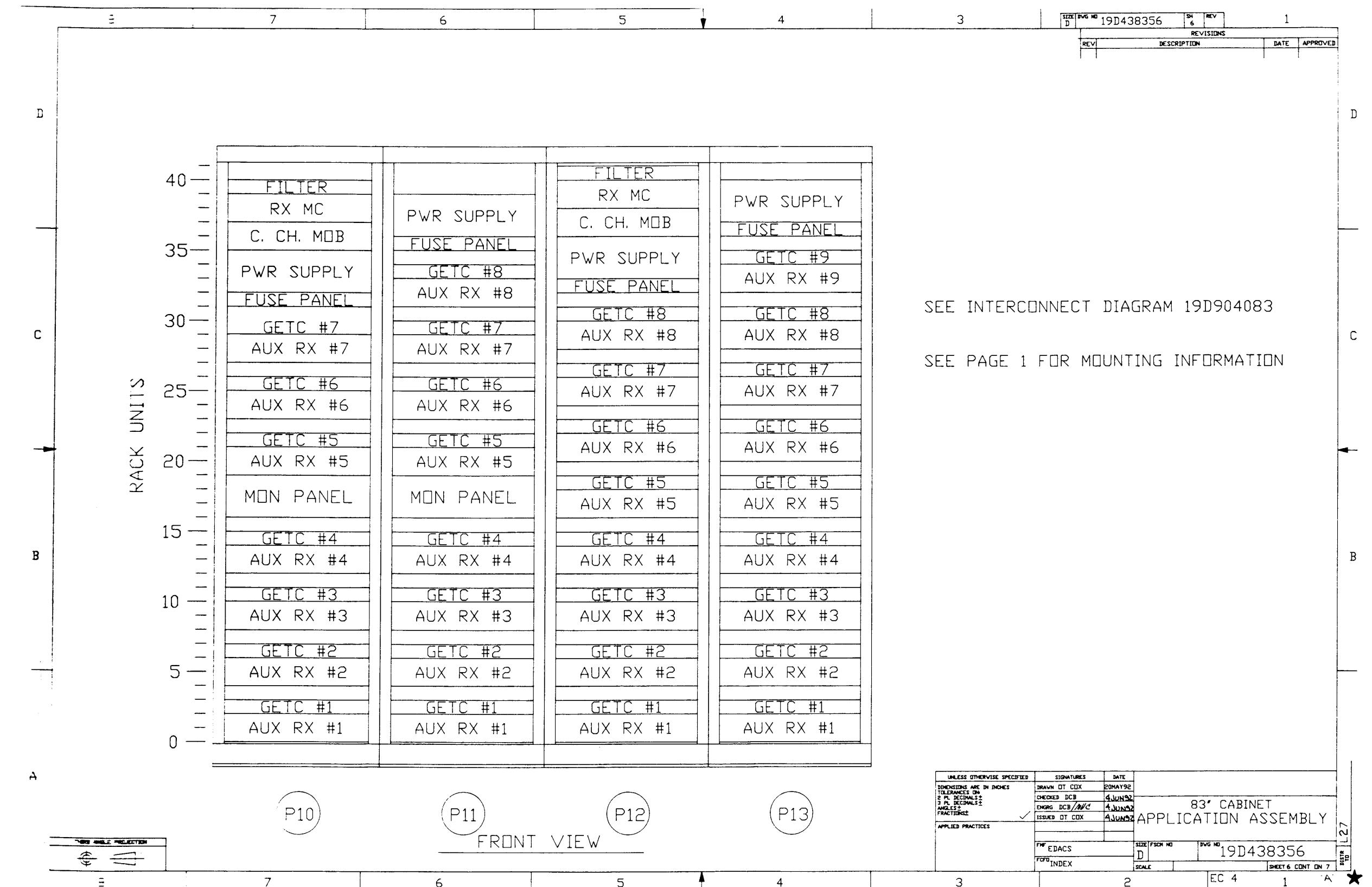


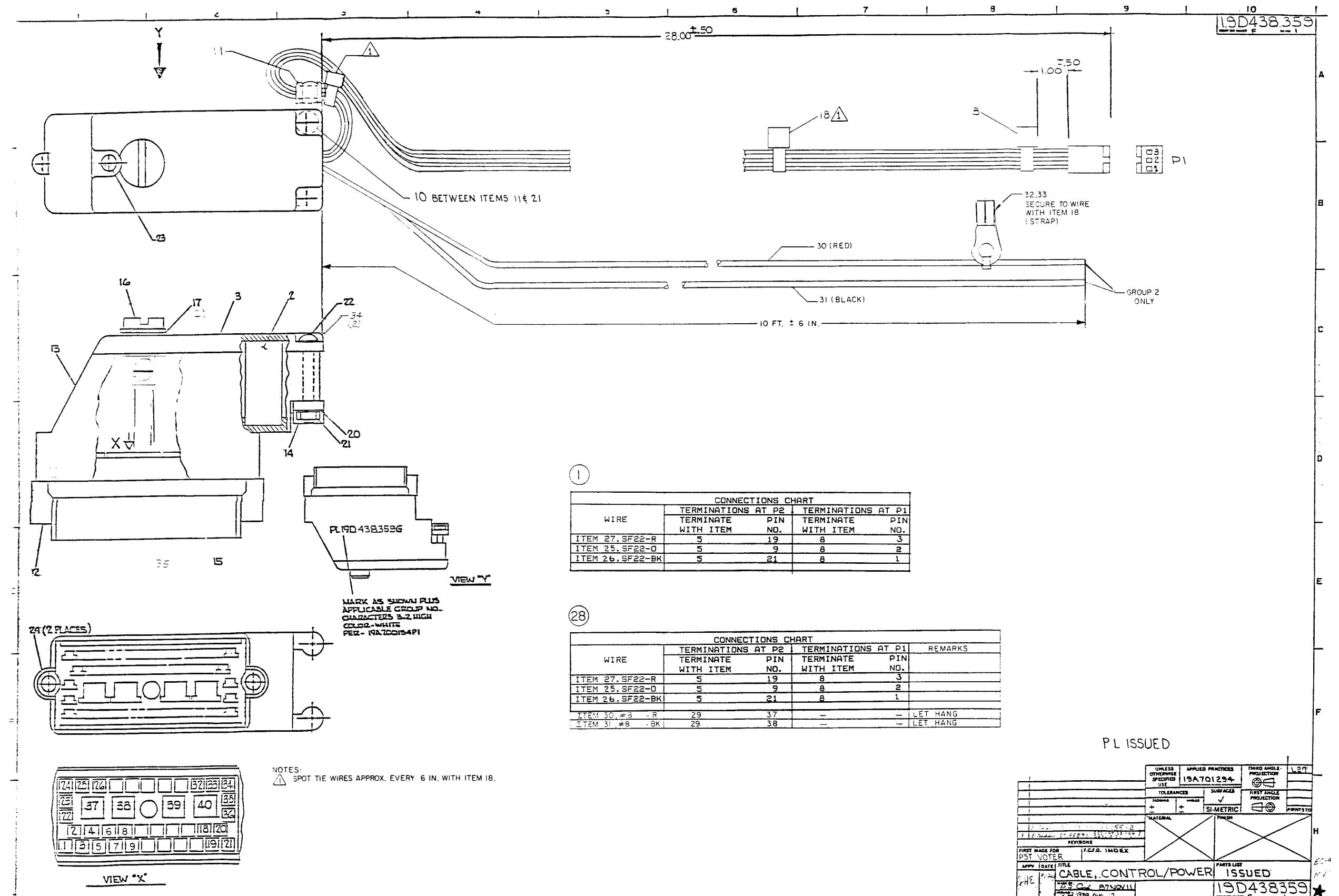


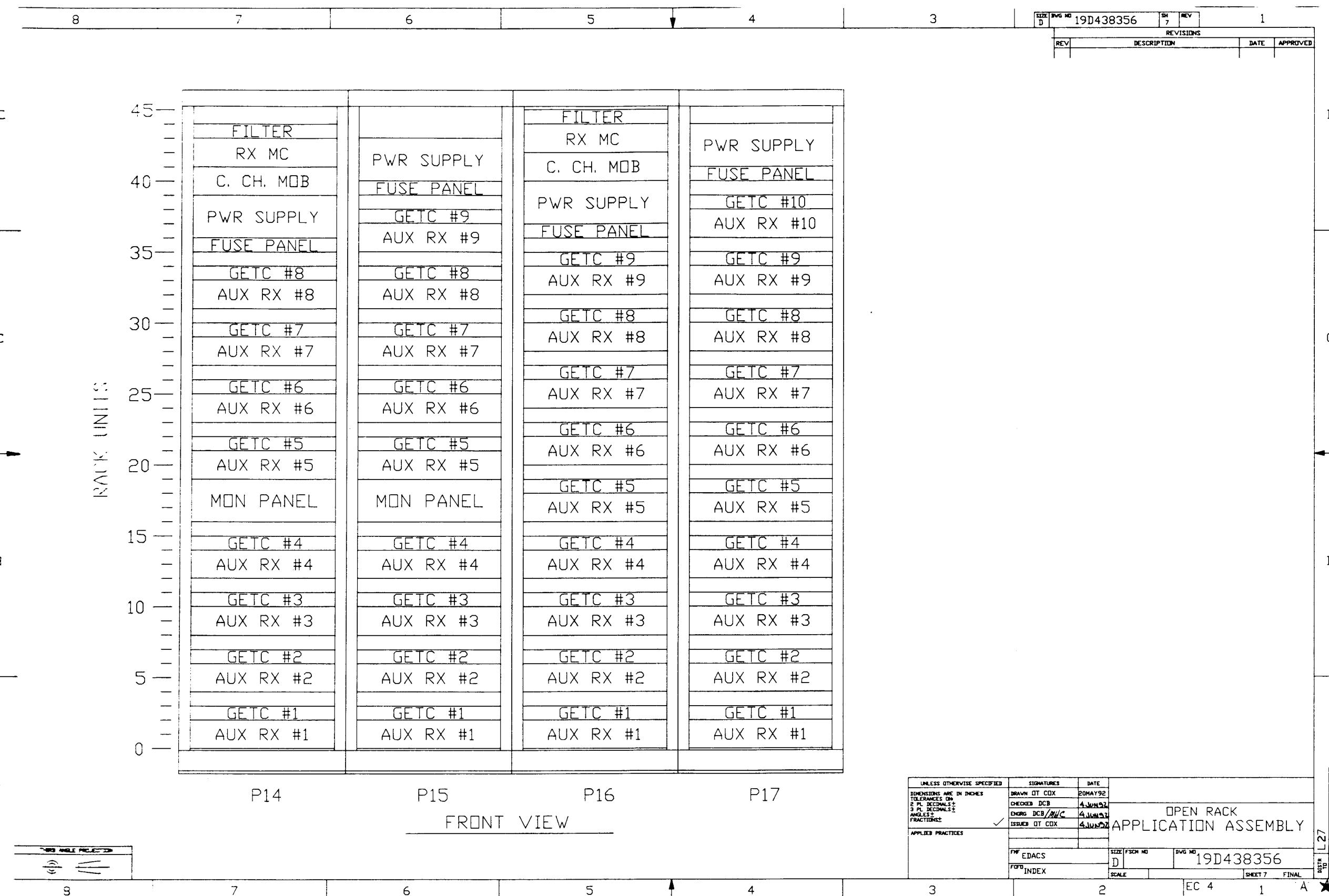










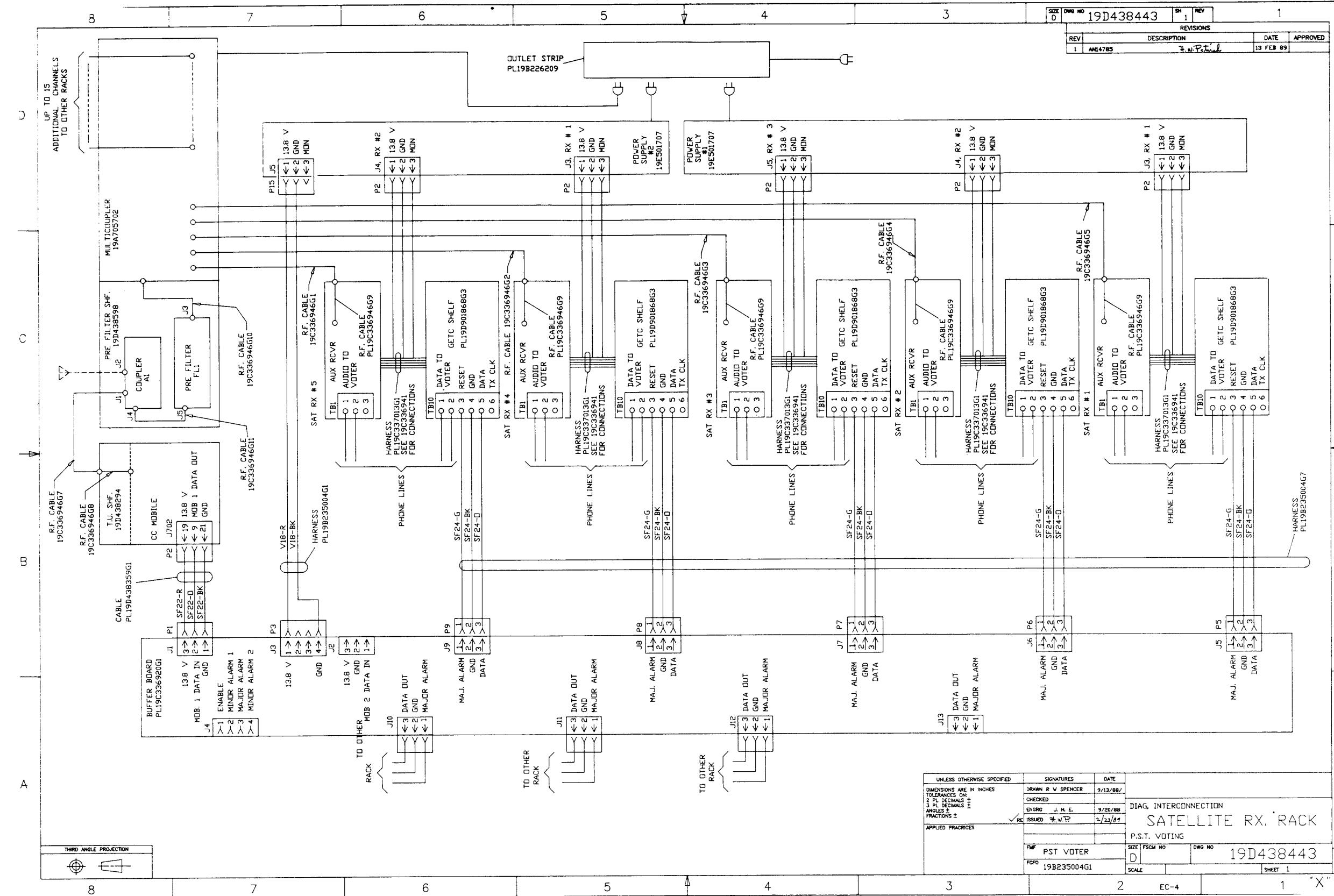


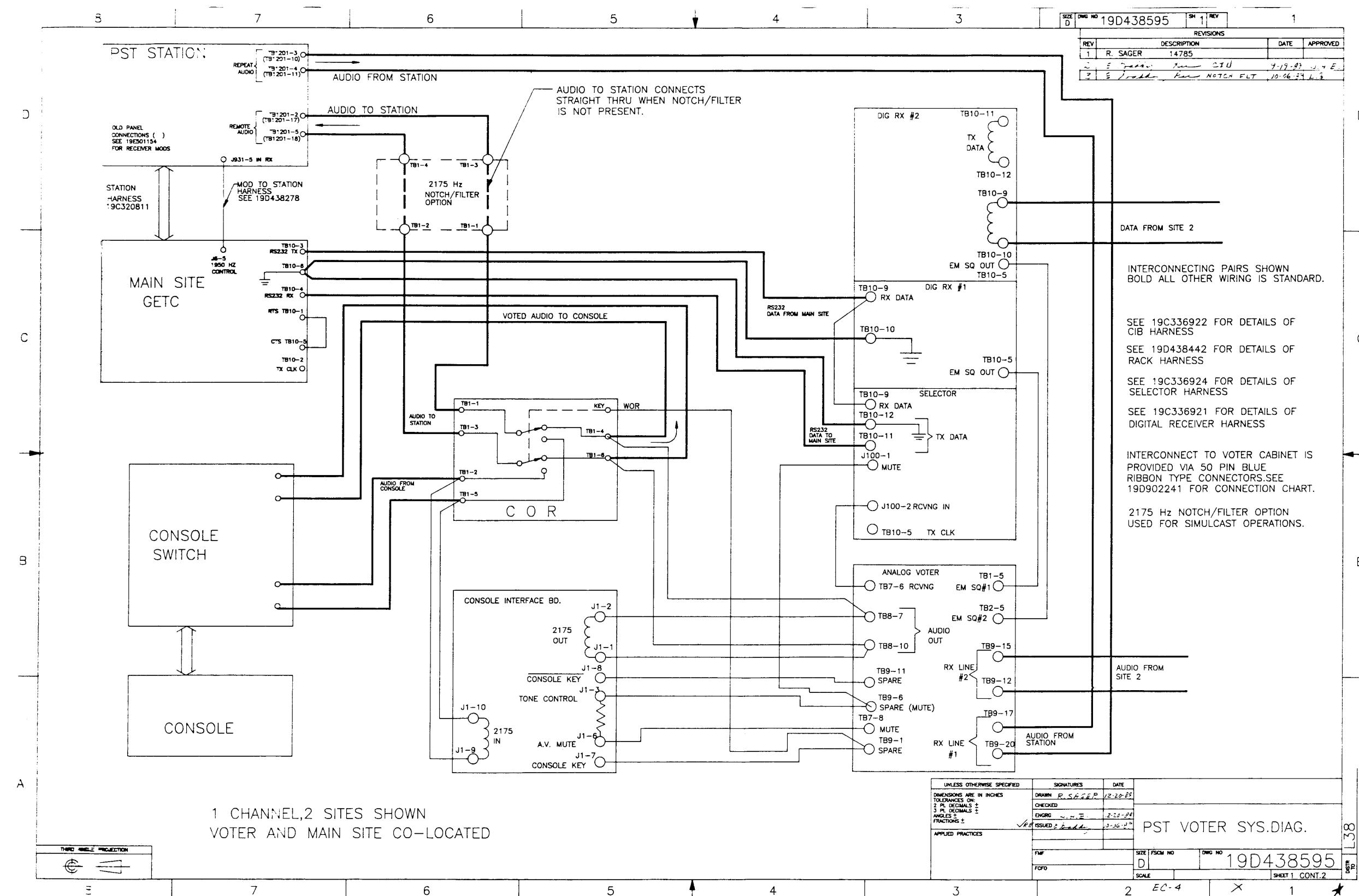
PARTS LIST

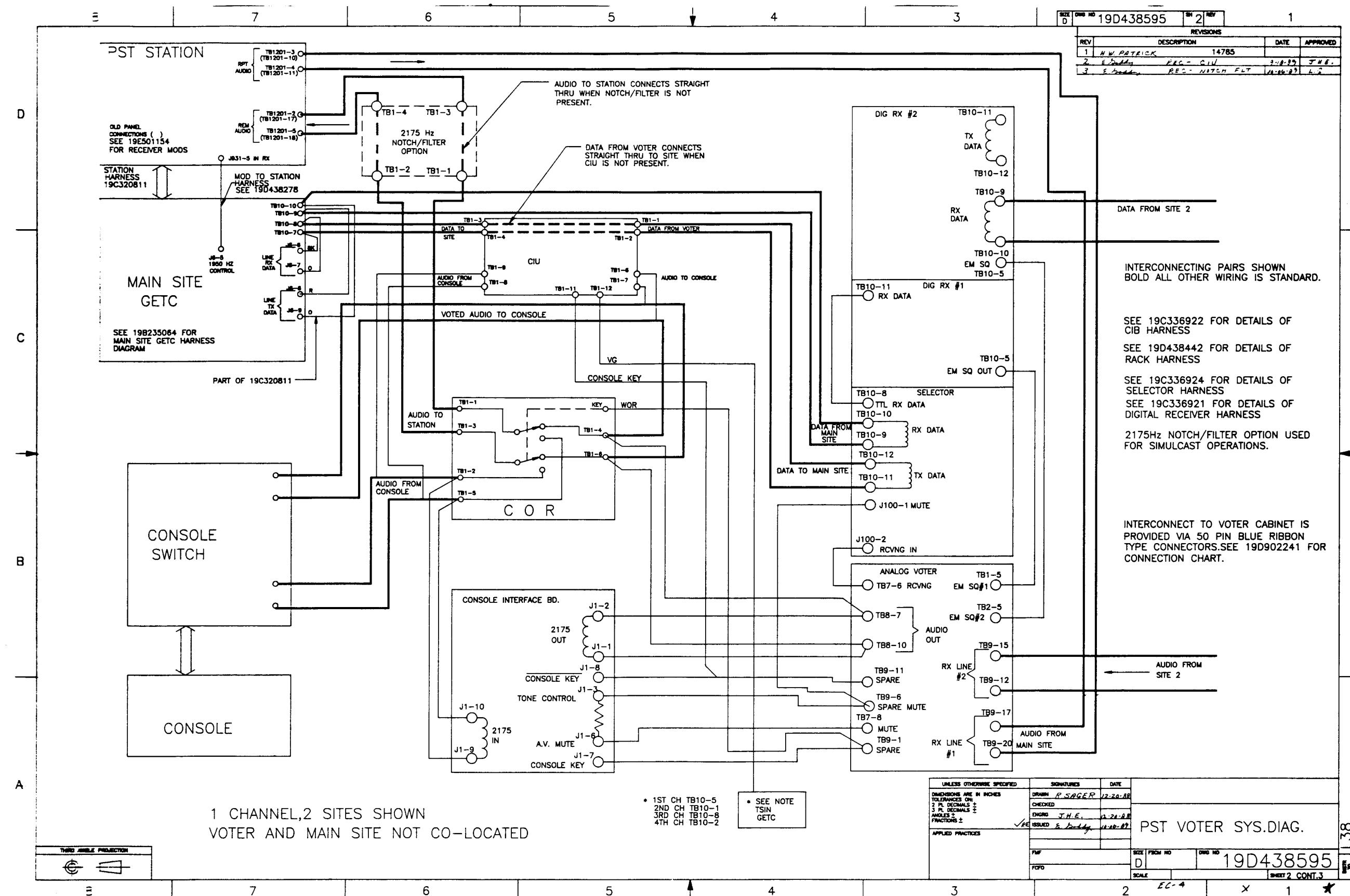
CONTROL CABLE
19D438359G1
ISSUE 1

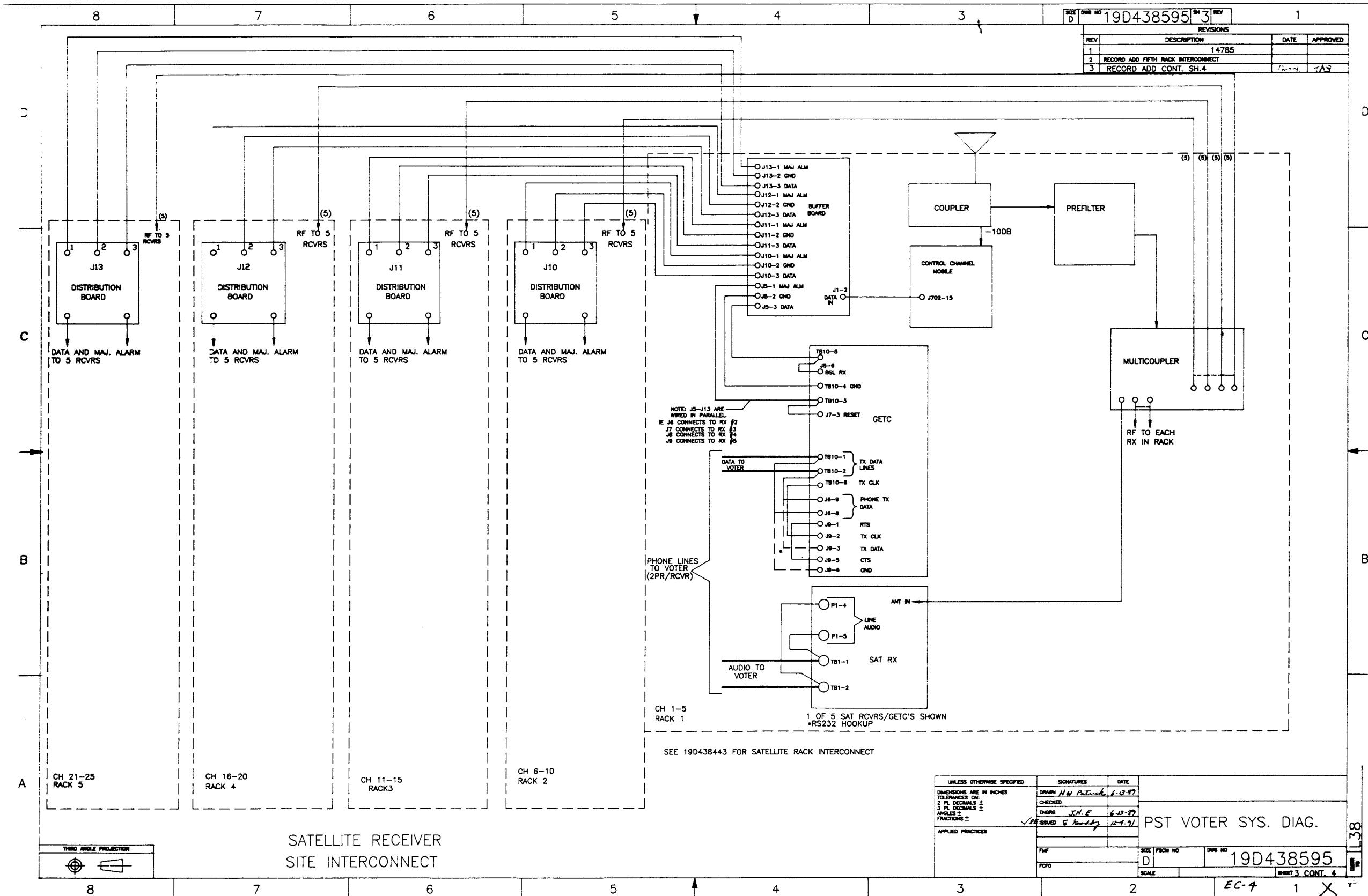
SYMBOL	PART NO.	DESCRIPTION
P1	19A116659P16	- - - - - PLUGS - - - - - Shell. Connector. Includes:
P2	19D900037P1	Shell.
	19D900015P1	Housing.
	19C850508P1	Cover.
		- - - - - MISCELLANEOUS - - - - -
	19B800513P1	Gasket.
	19A701376P1	Contact, electrical rated @ 4 amps; sim to AMP 350657-1.
	19A116781P6	Contact, electrical: wire range No. 22-26 AWG; sim to Molex 08-50-0108.
	19A701312P4	Flatwasher: 3.2 ID.
	19A701863P3	Cable clip.
	19A701077P1	Clip.
	19A701488P4	Retaining ring.
	19A705055P1	Thumbscrew.
	19A701312P6	Flatwasher: 1.7 - 1.85 ID.
	19J706152P8	Retaining strap: sim to Dennison Bar-lok 08470.
	19A700032P5	Lockwasher, internal tooth: No. 3MM.
	19A700034P4	Nut, hex: No. M3 x 0.5MM.
	19A700031P425	Machine screw, No. M3-0.5 x 25.
	19A701507P606	Screw, thd forming: M3.5-1.27 x 9.60.
	N193P1208B6	Screw: #6(.138) - 20 x .500.

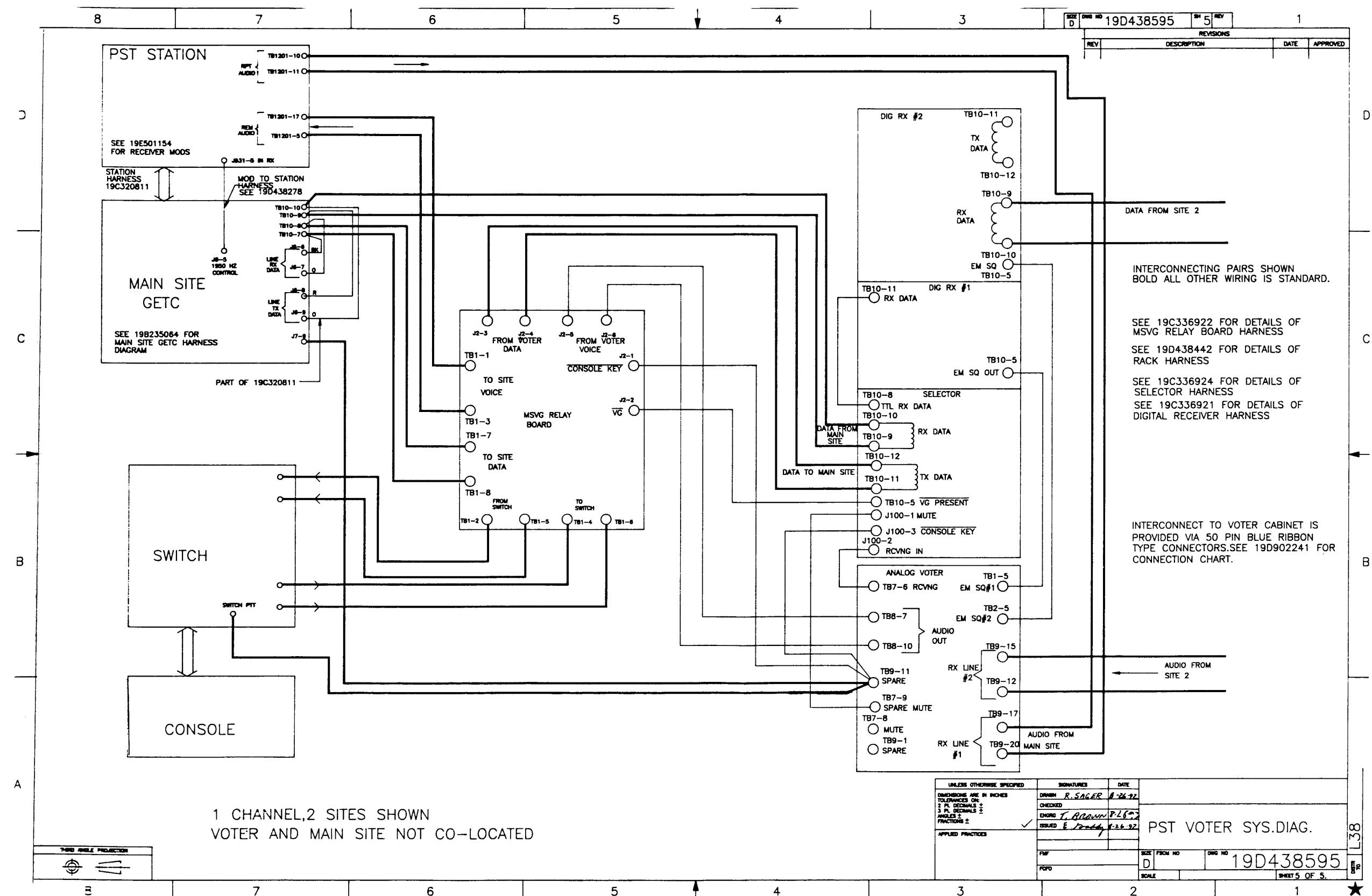
*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES

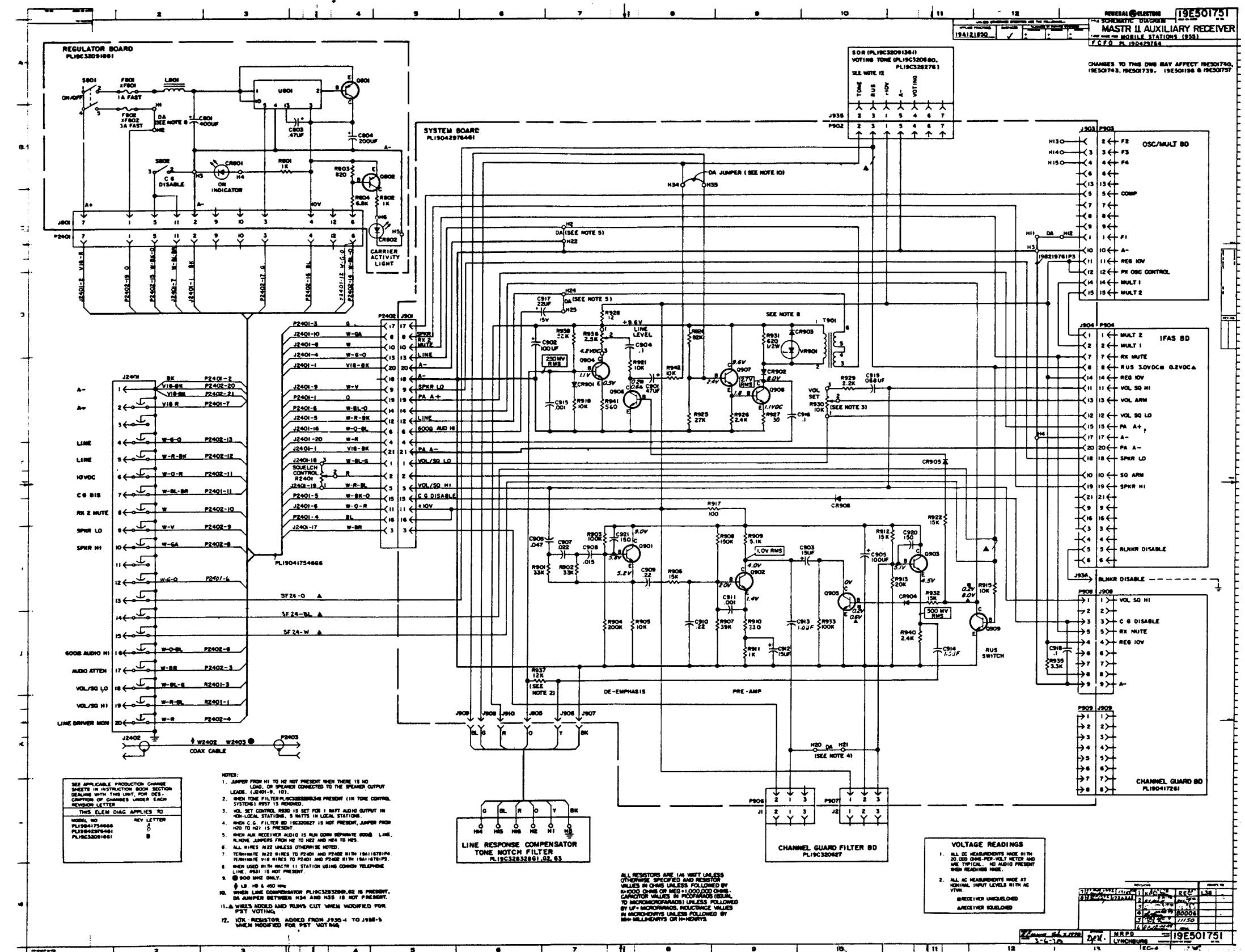




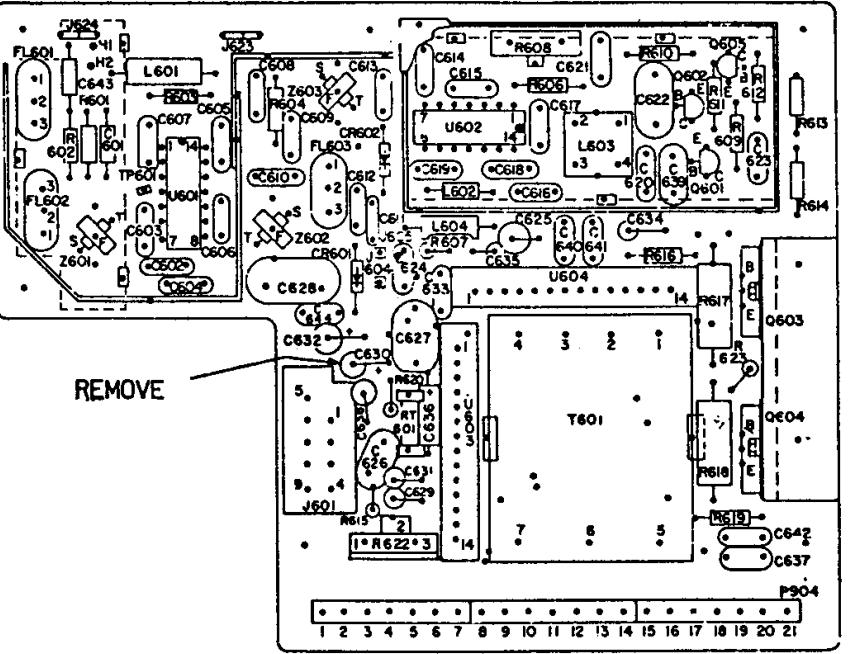








CONT ON SHEET SH NO.				FOLD	CONT ON SHEET F SH NO. 1
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:			REV. NO.	TITLE	
APPLIED PRACTICES		SURFACES	TOLERANCES ON MACHINED DIMENSIONS	MODF INSTRUCTIONS FOR MASTR .1I STATION RECEIVERS	
✓		+	+	CONT ON SHEET SH NO.	
FRACTIONS		DECIMALS	ANGLES	FIRST MADE FOR MASTR II STATIONS	
+ -		+ -	+ -	FCFO 19B226110 INDEX	



19D417707GI AND G2
(IFAS BOARD)

① THIS MODIFICATION INSTRUCTIONS REMOVES THE FAST SQUELCH FUNCTION IN MASTR II RECEIVERS THAT ARE USED IN STATION APPLICATIONS.

ON IFAS BOARDS 19D417707GI AND G2

I. REMOVE C 630 AND DISCARD.

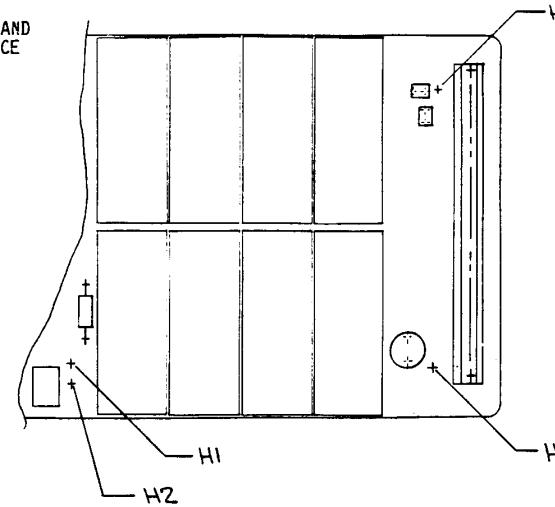
REVISIONS	PRINTS TO
	L42

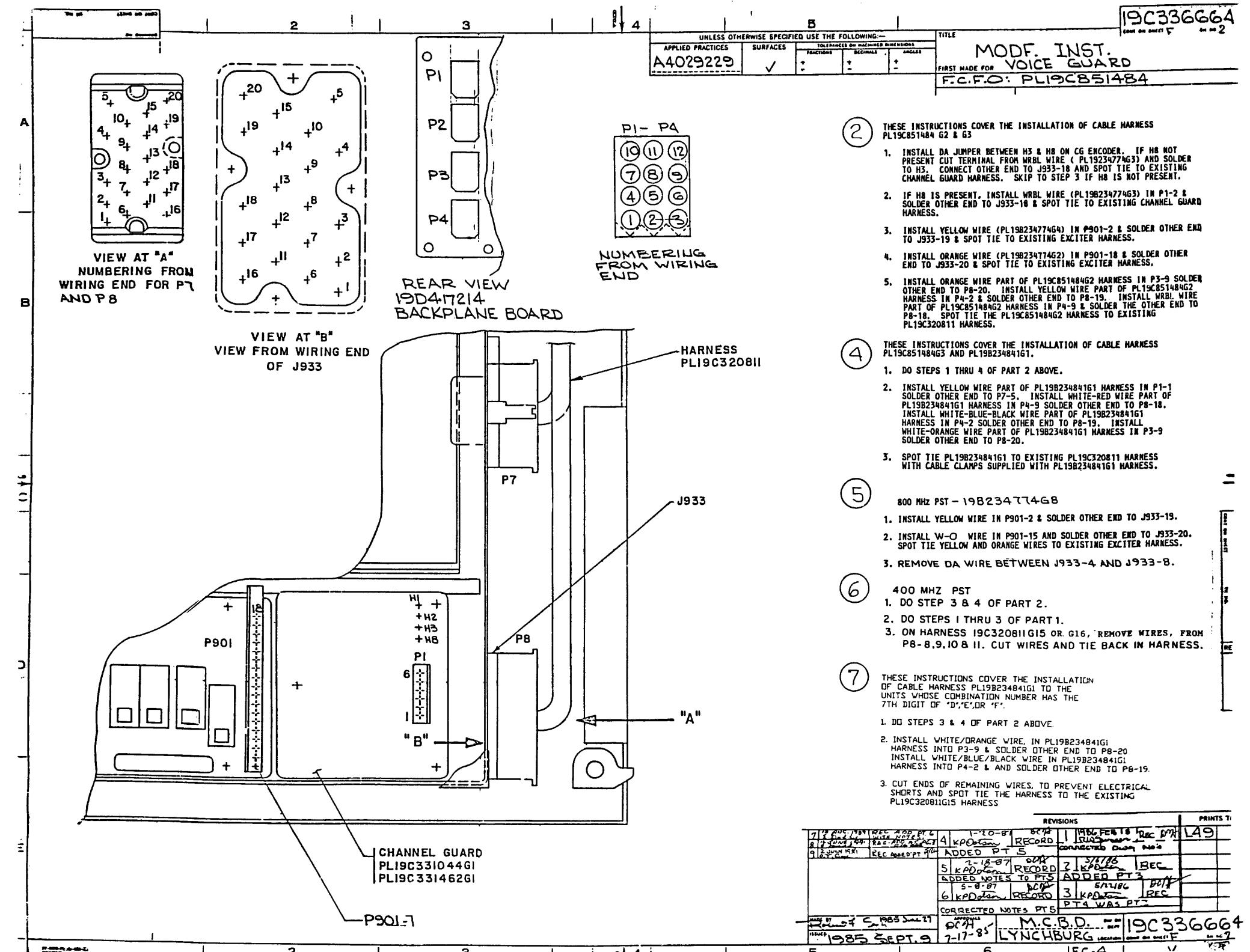
MADE BY	APPROVALS	DIV. OR DEPT	LOCATION
Richard 1979 JAN 18	WT 1/19/79	M.R.P.D.	CONT ON SHEET F SH NO. 1
ISSUED 1979 JAN 19	LYNCHBURG		

EE-806-PI (4-80) PRINTED IN U.S.A.

MADE BY 02Cox	ISSUED 88FEB19	APPROVALS HCR 2-19-88	MCBD LYNCHBURG	DIV OR DEPT LOCATION	19B235034 CONT'D ON SHEET	SH. NO.
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EC-4 "A" ✓

2	3	4	5																
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:— <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td>APPLIED PRACTICES</td> <td>SURFACES</td> <td colspan="3">TOLERANCES ON MACHINED DIMENSIONS</td> </tr> <tr> <td>A4029229</td> <td>✓</td> <td>FRACTIONS</td> <td>DECIMALS</td> <td>ANGLES</td> </tr> <tr> <td></td> <td></td> <td>+</td> <td>+</td> <td>+</td> </tr> </table>					APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS			A4029229	✓	FRACTIONS	DECIMALS	ANGLES			+	+	+
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS																	
A4029229	✓	FRACTIONS	DECIMALS	ANGLES															
		+	+	+															
TITLE: 19C336664 FIRST MADE FOR VOICE GUARD F.C.F.O.: PL19C851484																			
<p>1 THIS INSTRUCTION MODIFIES A HIGH BAND OR UHF MASTR II FM EXCITER FOR VOICE GUARD OPERATION.</p> <p>1. REMOVE JUMPER BETWEEN H1 & H2. 2. SOLDER SF24-R FROM H1 TO H3. (PL19B234774G1). 3. SOLDER SF24-R FROM H2 TO H4. (PL19B234774G1)</p>																			
 <p>2 3 THIS INSTRUCTION MODIFIES A HIGH BAND OR UHF MASTR II RECEIVER IFAS BOARD 19D432667G1 & 19D417707G1. (DO NOT INSTALL MODIFICATION TO 19D902492 - NOT NECESSARY)</p> <p>1. REMOVE COVER FROM FM DETECTOR AREA. 2. REPLACE C622(0.47 UFD) WITH A 10 UFD CAPACITOR PART NUMBER 315A6047P106N (OBSERVE CORRECT POLARITY). 3. REPLACE COVER.</p>																			
<p>B</p> <p>C</p> <p>D</p> <p>E</p> <p>F</p> <p>G</p> <p>H</p> <p>I</p> <p>J</p> <p>K</p> <p>L</p> <p>M</p> <p>N</p> <p>O</p> <p>P</p> <p>Q</p> <p>R</p> <p>S</p> <p>T</p> <p>U</p> <p>V</p> <p>W</p> <p>X</p> <p>Y</p> <p>Z</p> <p>A</p> <p>B</p> <p>C</p> <p>D</p> <p>E</p> <p>F</p> <p>G</p> <p>H</p> <p>I</p> <p>J</p> <p>K</p> <p>L</p> <p>M</p> <p>N</p> <p>O</p> <p>P</p> <p>Q</p> <p>R</p> <p>S</p> <p>T</p> <p>U</p> <p>V</p> <p>W</p> <p>X</p> <p>Y</p> <p>Z</p> <p>A</p> <p>B</p> <p>C</p> <p>D</p> <p>E</p> <p>F</p> <p>G</p> <p>H</p> <p>I</p> <p>J</p> <p>K</p> <p>L</p> <p>M</p> <p>N</p> <p>O</p> <p>P</p> <p>Q</p> <p>R</p> <p>S</p> <p>T</p> <p>U</p> <p>V</p> <p>W</p> <p>X</p> <p>Y</p> <p>Z</p> <p>A</p> <p>B</p> <p>C</p> <p>D</p> <p>E</p> <p>F</p> <p>G</p> <p>H</p> <p>I</p> <p>J</p> <p>K</p> <p>L</p> <p>M</p> <p>N</p> <p>O</p> <p>P</p> <p>Q</p> <p>R</p> <p>S</p> <p>T</p> <p>U</p> <p>V</p> <p>W</p> <p>X</p> <p>Y</p> <p>Z</p> <p>A</p> <p>B</p> <p>C</p> <p>D</p> <p>E</p> <p>F</p> <p>G</p> <p>H</p> 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4

3

2

1

SIZE C DWG NO 19C336922 SH REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED

D

D

C

C

B

B

A

A

J1 P1
 TONE OUT 1 BR
 TONE OUT 2 GR
 CONTROL 3 WBR
 GND 4 BK
 25V 5 R
 AV MUTE 6 O
 TONEDET 7 V
 TONE DET 8 Y
 TONE IN 9 W
 TONE IN 10 BL

ANALOG VOTER
 TB8-10 } AUDIO OUT
 TB8-7 }
 TB9-6 (SPARE)
 TB7-1 (GND)
 TB8-16 (+25V)
 TB7-8 (MUTE)
 TB9-1 (SPARE) (COR)
 OTB9-11 SPARE (CONSOLE KEY)

PART OF COR

BR

G

COR

TB1

1

2

3

4

5

6

AUDIO FROM CONSOLE
VOTED AUDIO TO CONSOLE

AUDIO TO REPEATER
PHONE LINES COMING IN

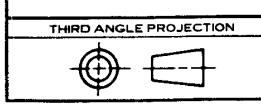
UNLESS OTHERWISE SPECIFIED			SIGNATURES	DATE
DIMENSIONS ARE IN INCHES			DRAWN 9-28-82	7-28-82
2 PL DECIMALS ±			CHECKED	
3 PL DECIMALS ±			ENGRG JHE	9/16/88
ANGLES ±			ISSUED	
FRACTIONS ±				

✓ CONSOLE IFC
BD HARNESS

FMF PST VOTER
FCFO PL19B235004GD

SIZE FSCM NO DWG NO
C 19C336922
SCALE SHEET

DSTR TO L 38



PN-1145-P (O)

4

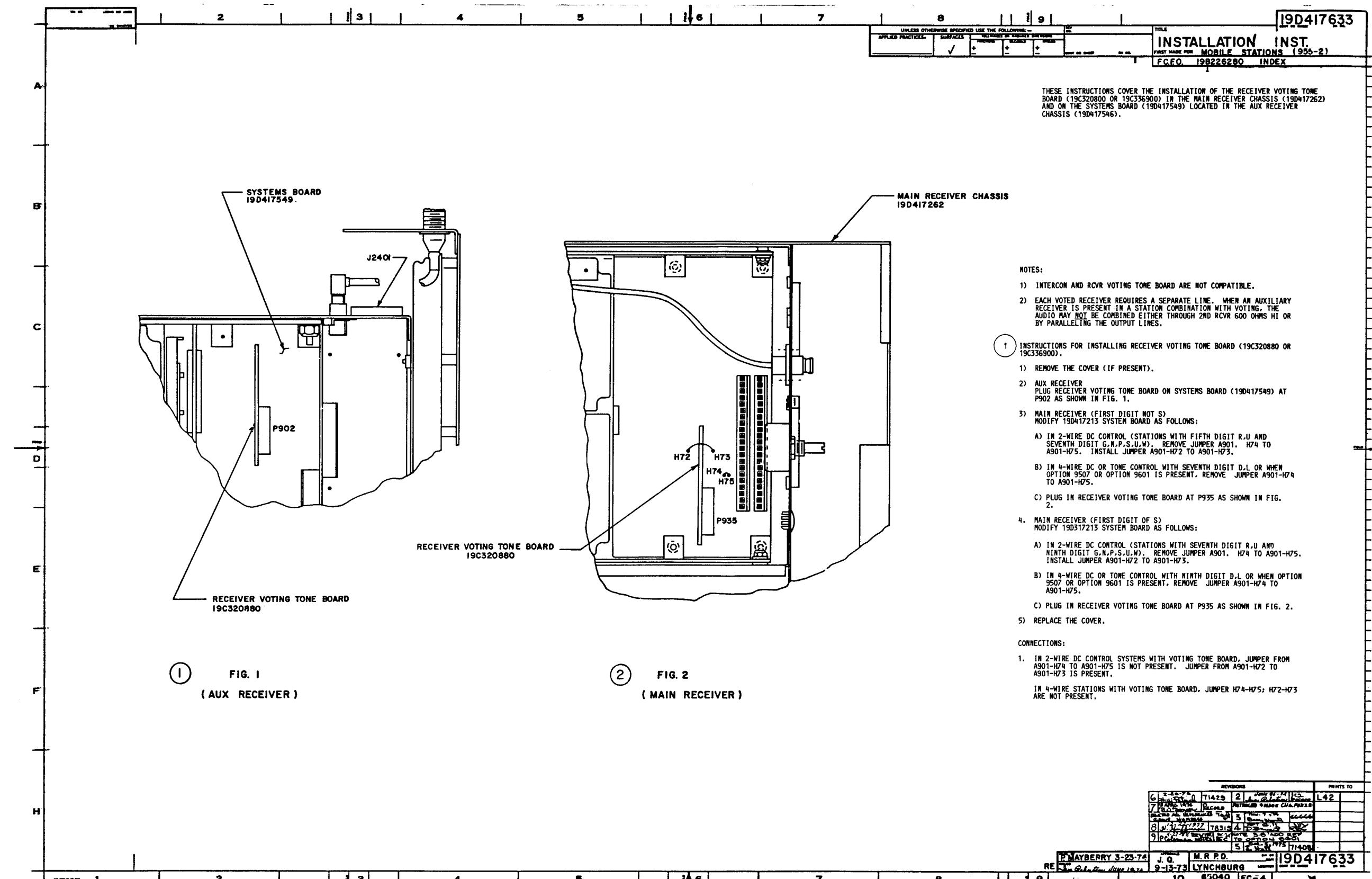
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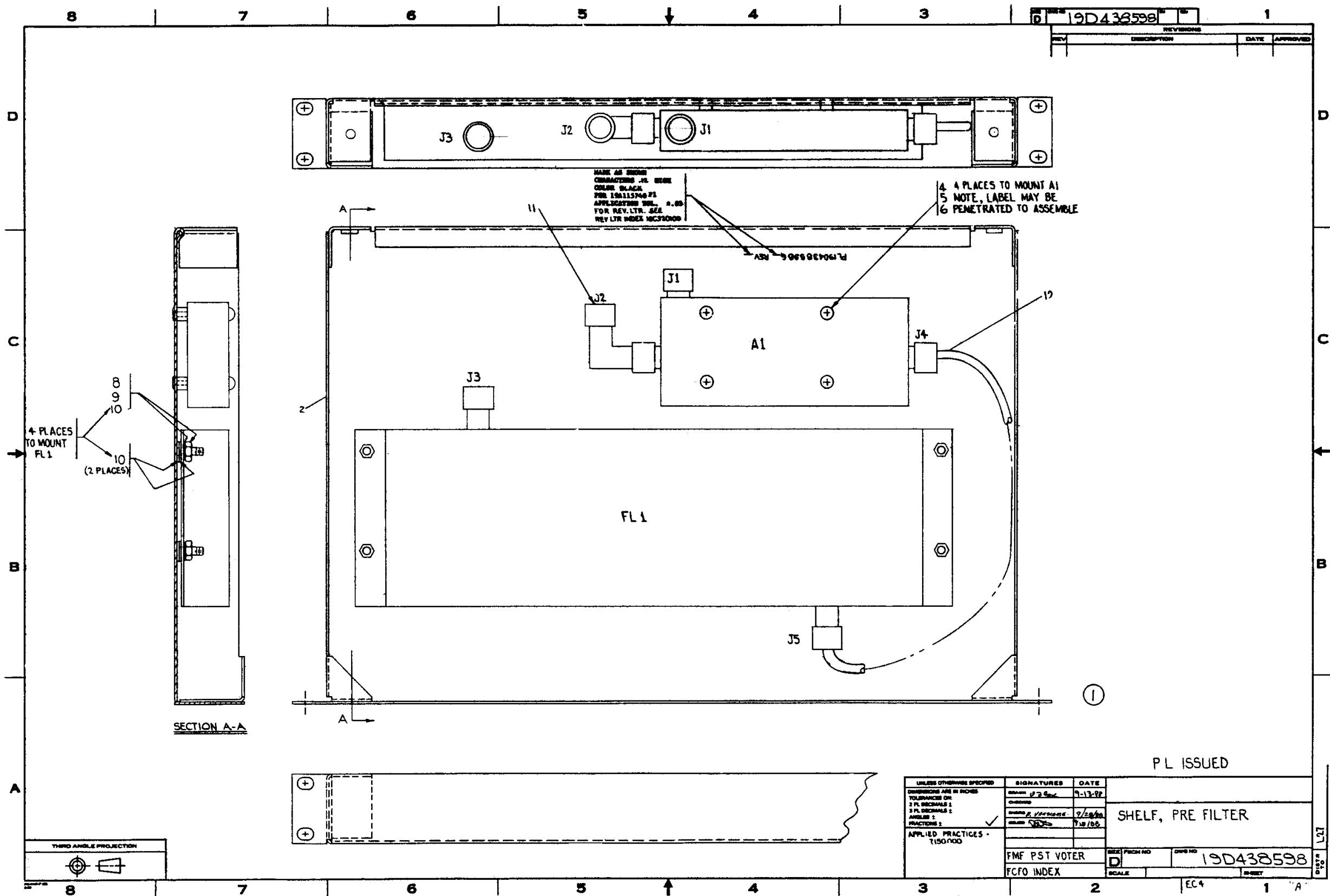
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1

'X' *

EC-4



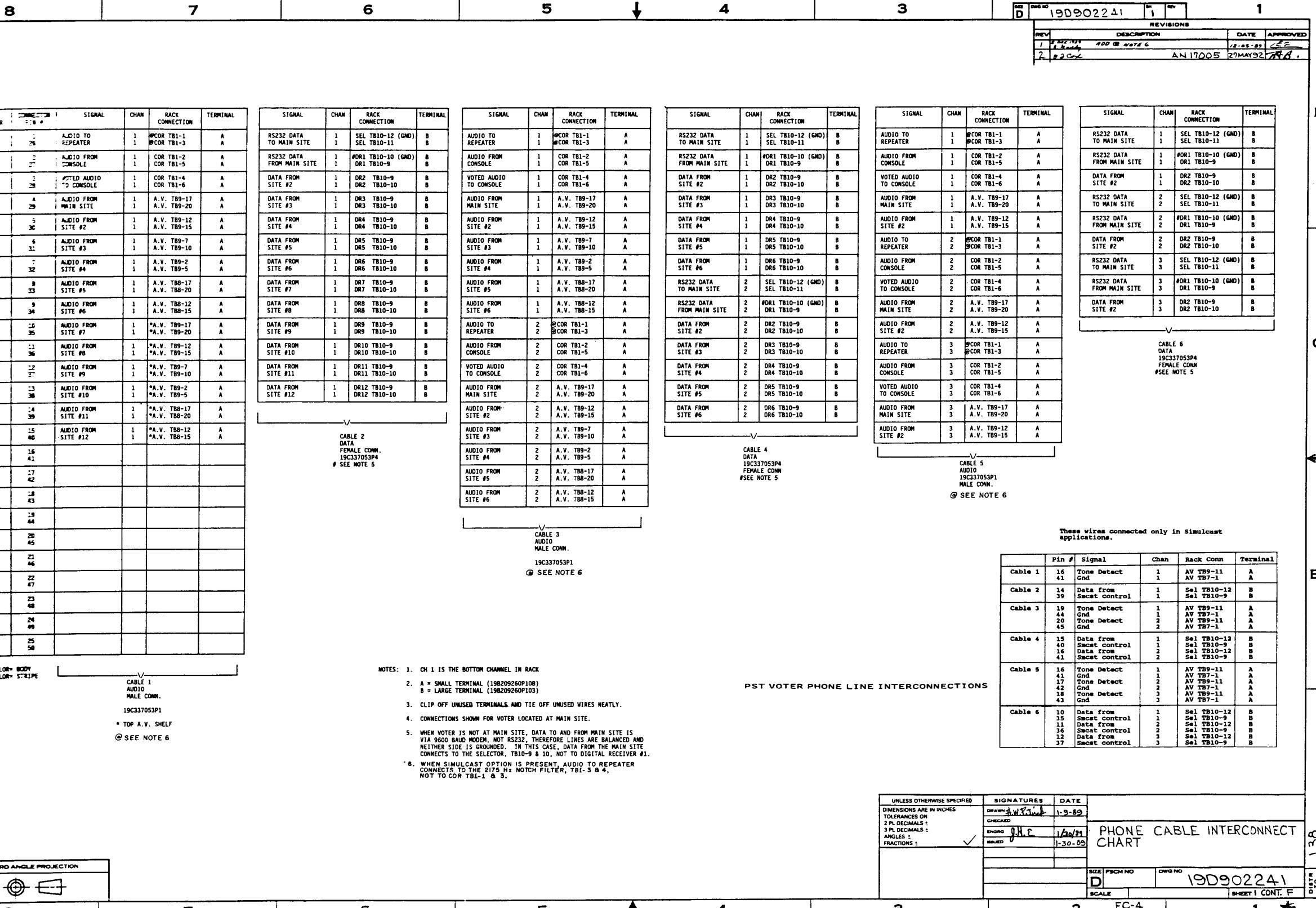


PARTS LIST

PBT VOTER PREFILTER SHELF
19D438598G1
18802 1

SYMBOL	PART NO.	DESCRIPTION
		- - - - - ASSEMBLIES - - - - -
A1	19A705685P1	Coupler: sim to HARDA 10 DB, Model 30001-10.
		- - - - - FILTERS - - - - -
F11	19A705704P1	Filter: sim to DB 4192.
		- - - - - MISCELLANEOUS - - - - -
	19D438602G1	Shelf Assembly.
	M80P901BB6	Screw, Machine: Pan Head Phillips No. 4 x 1 1/4.
	M402P5B6	Washer: narrow, steel.
	M404P11B6	Lockwasher; internal: No. 4.
	M210P16B6	Nut, steel: No. 10-32.
	M403P19B6	Lockwasher: No. 10.
	M402P9B6	Washer: No. 10.
	7777145P4	Adaptor: sim to Amphenol 82-98.
	19C336946O11	RF Cable Assembly.

*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES



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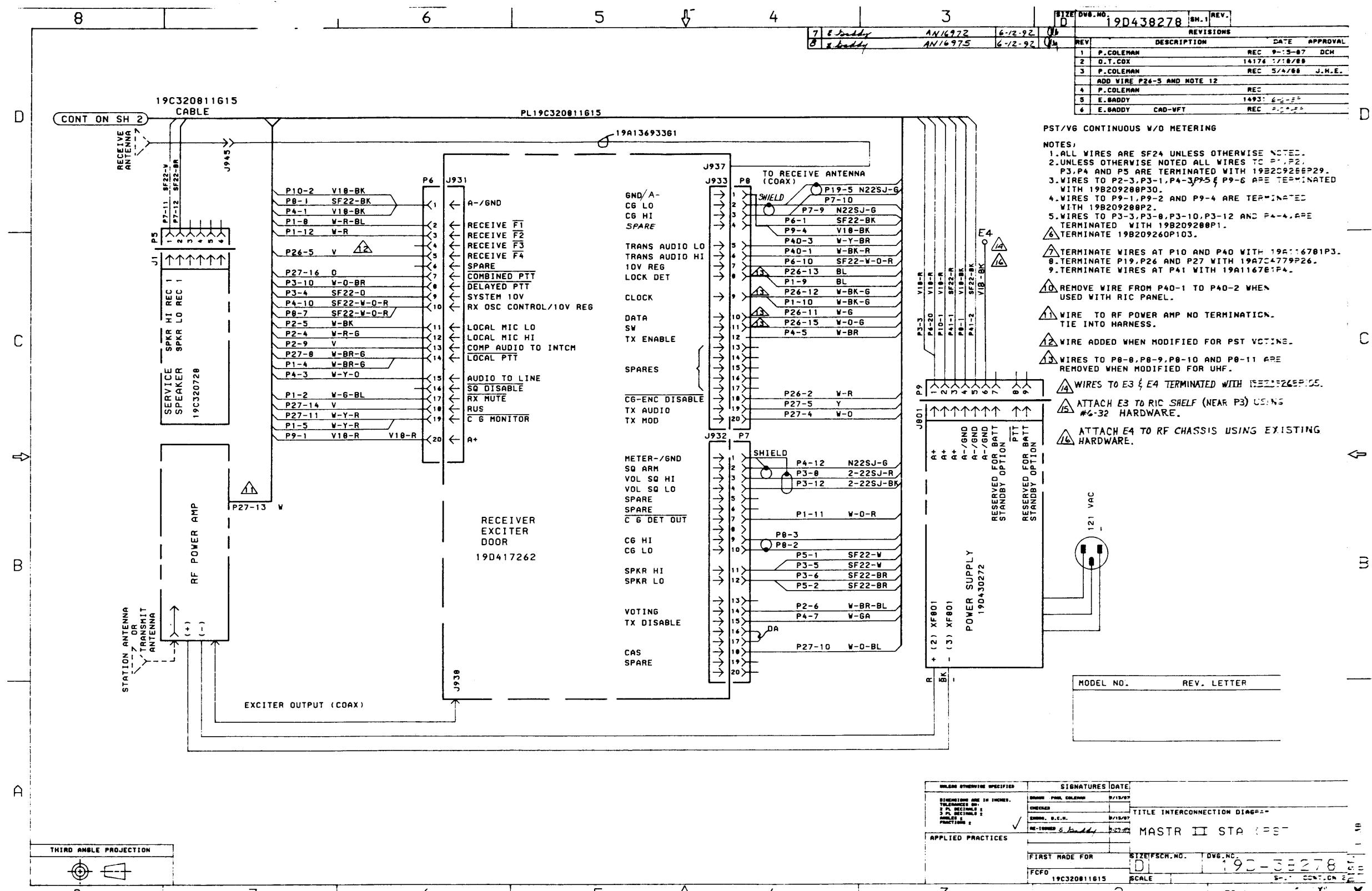
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Printed In U.S.A

ADDENDUM NO. 1 TO LBI-38420D

(PCVP)

This addendum corrects and improves legibility of several drawings in this manual. The drawings 19D438278, Sheet 1 and 19E501154 are attached.



**ADDENDUM NO. 1 TO LBI-38420D
(PCVP)**

