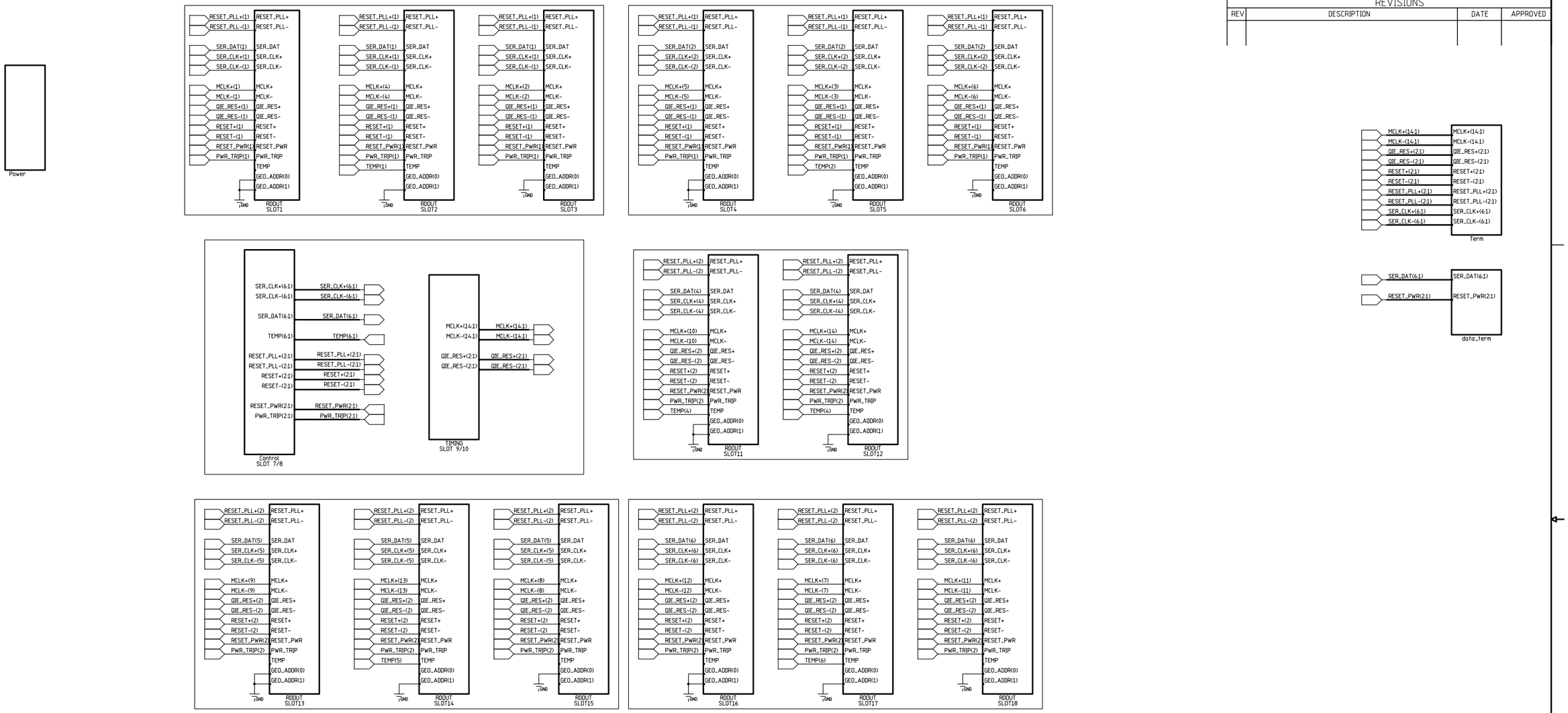
DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED



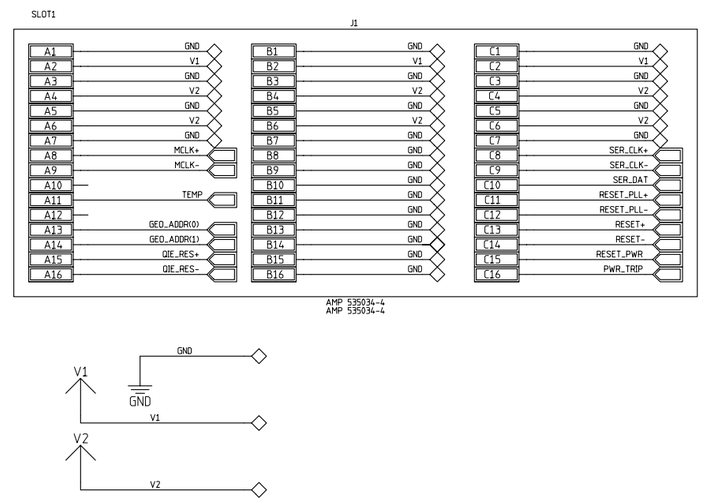
CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HE Backplane Top Level Schematic
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
		SCALE / SHEET

H=8ND; V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED



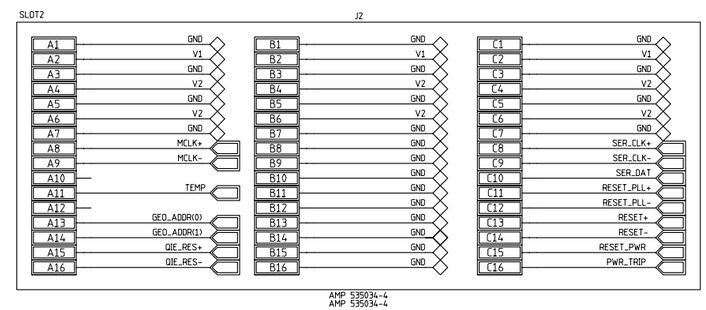
CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
		SCALE / SHEET

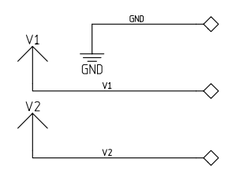
H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED





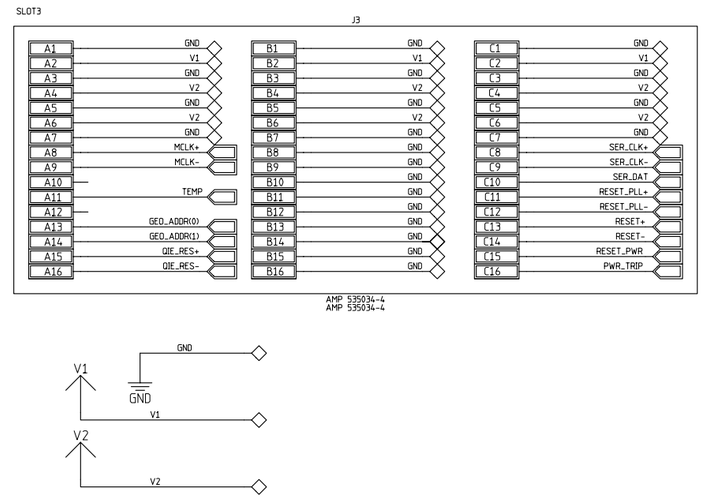
CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
		SCALE / SHEET

H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED



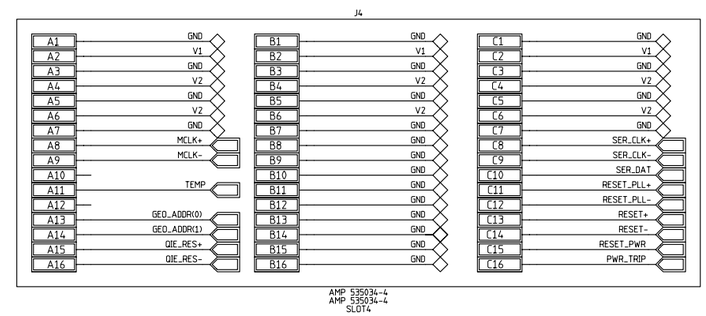
CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
		SCALE / SHEET

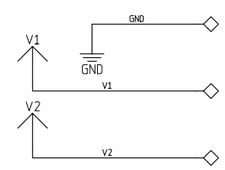
H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED





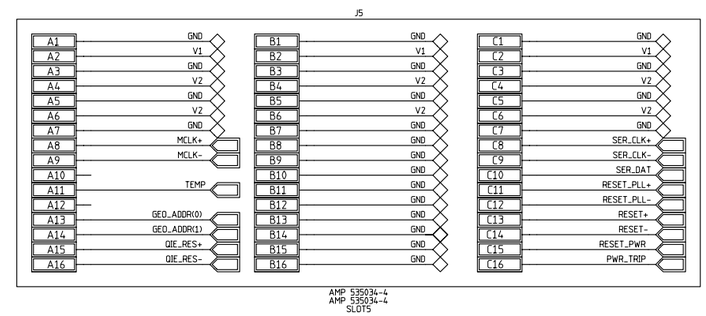
CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
		SCALE / SHEET

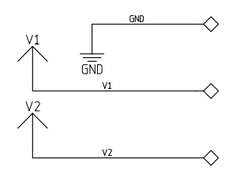
H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED





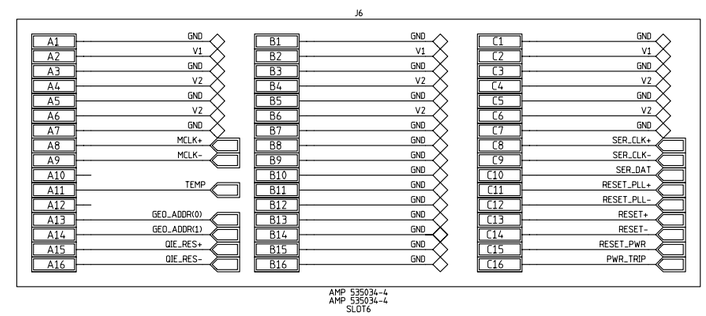
CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
		SCALE / SHEET

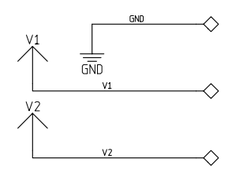
H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED





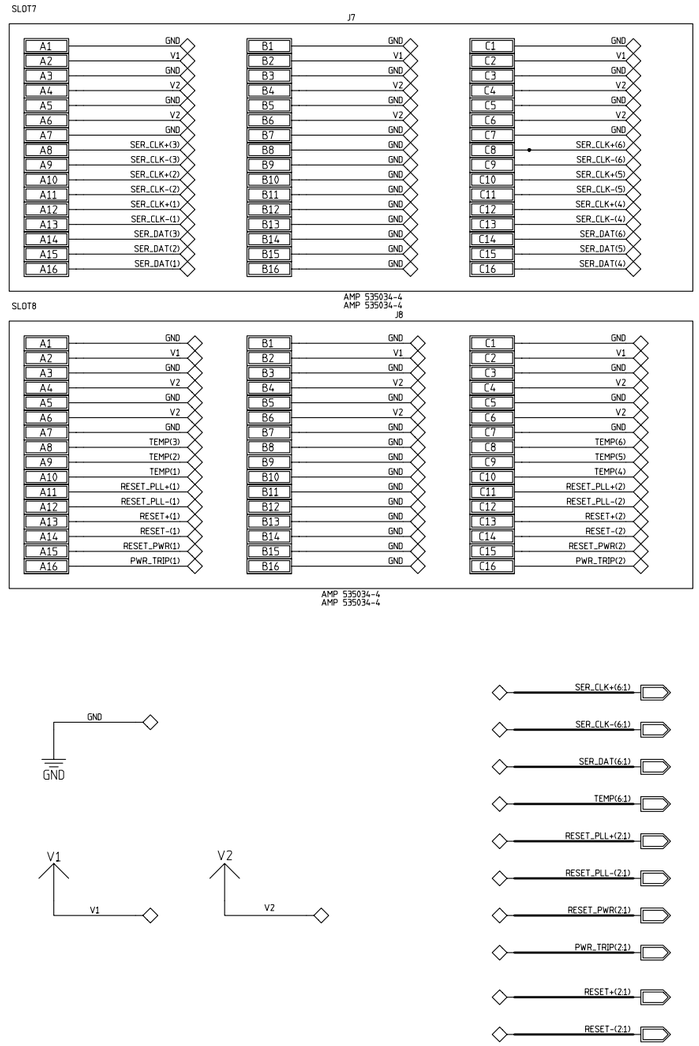
CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
		SCALE / SHEET

H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED



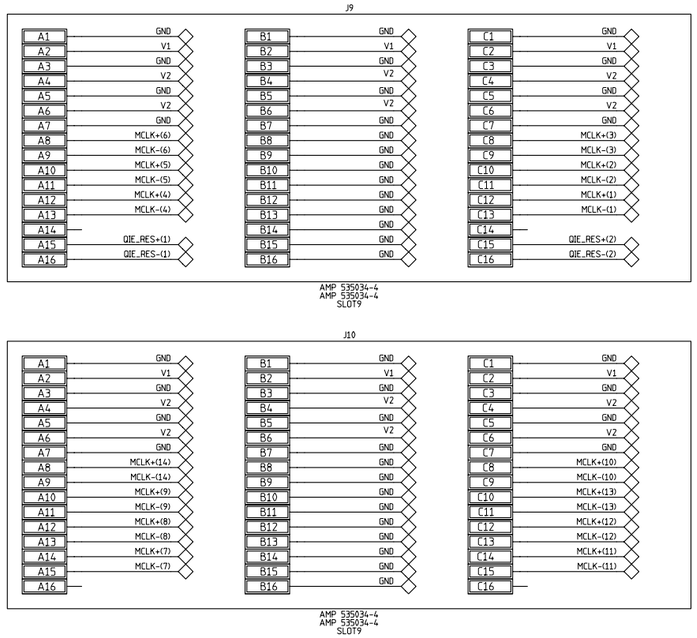
CONTRACT NO.		Fermi National Accelerator Laboratory		
APPROVALS	DATE	US CMS HCAL HB Backplane Clock and Control Module Slot - Control	SLOTS 7 and 8	
DRAWN T. M. Shaw	1/29/01			
CHECKED				
ISSUED		SIZE D	FSCM NO.	DWG. NO.	REV
		SCALE		SHEET

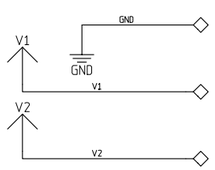
H=8ND; V=4LA

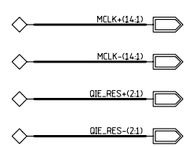
DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED







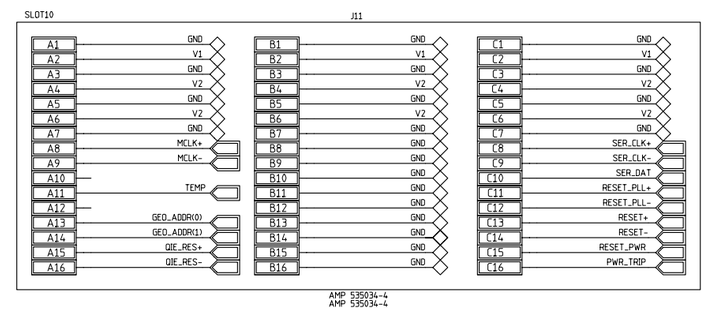
CONTRACT NO.		Fermi National Accelerator Laboratory		
APPROVALS	DATE	US CMS HCAL HB Backplane Clock and Control Module Slot - Timing		SLOT 9
DRAWN T. M. Shaw	1/29/01			
CHECKED				
ISSUED		SIZE D	FSCM NO.	DWG. NO.	REV
		SCALE		SHEET

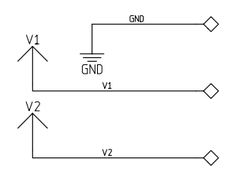
H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED





CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		

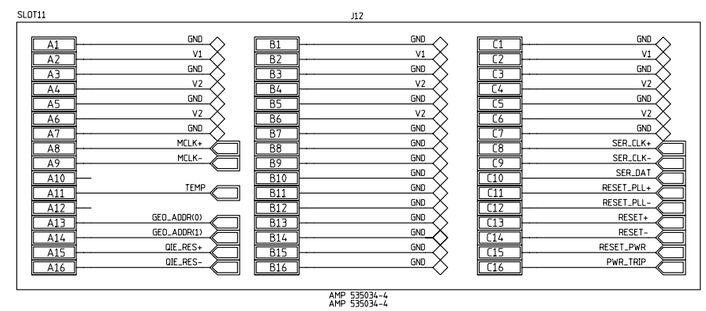
SIZE	FSCM NO.	DWG. NO.	REV
D			
SCALE		SHEET	

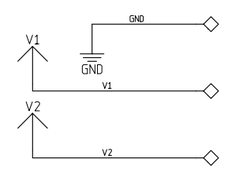
H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED





CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		

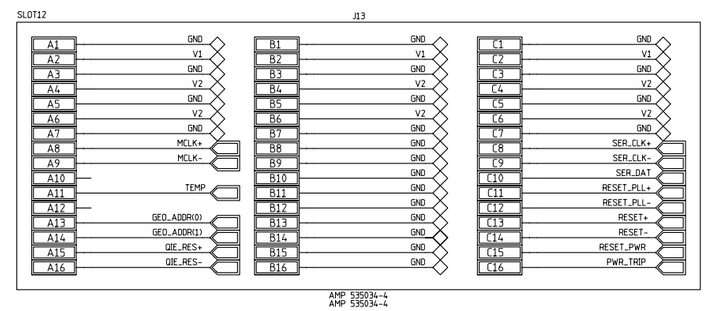
SIZE	FSCM NO.	DWG. NO.	REV
D			
SCALE		SHEET	

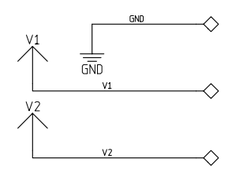
H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED





CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
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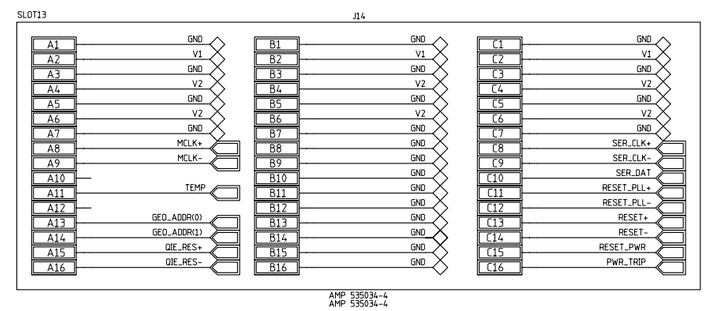
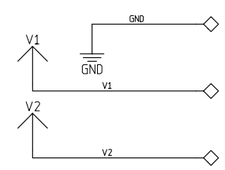
H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED





CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
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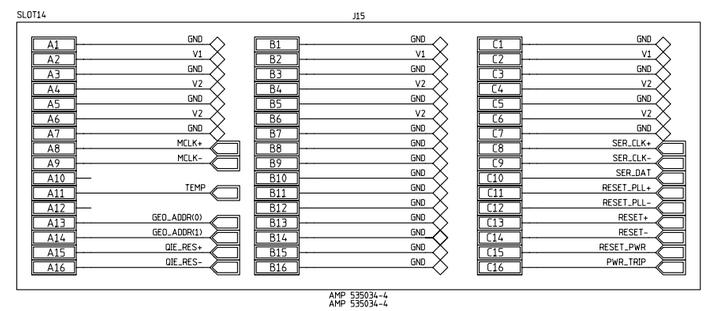
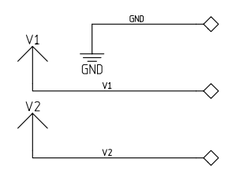
H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED





CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		

SIZE	FSCM NO.	DWG. NO.	REV
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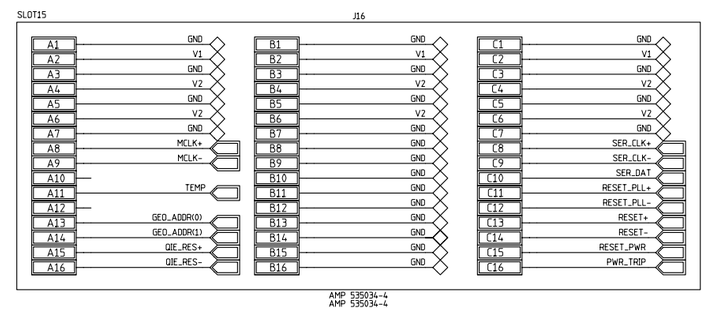
SCALE		SHEET	

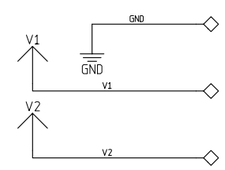
H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED





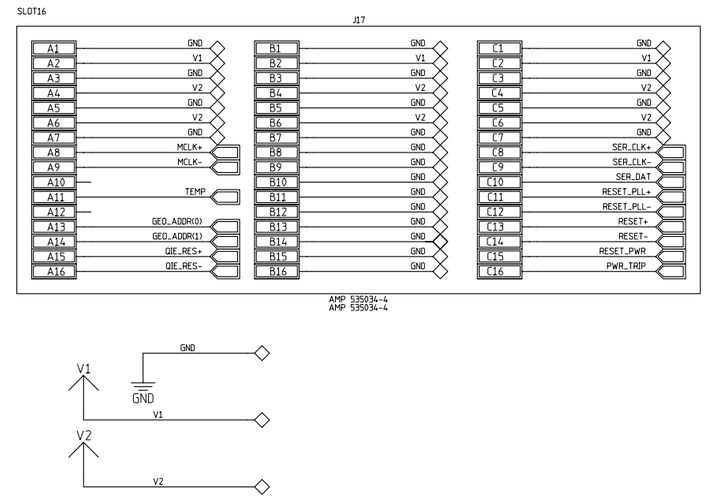
CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
		SCALE / SHEET

H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED



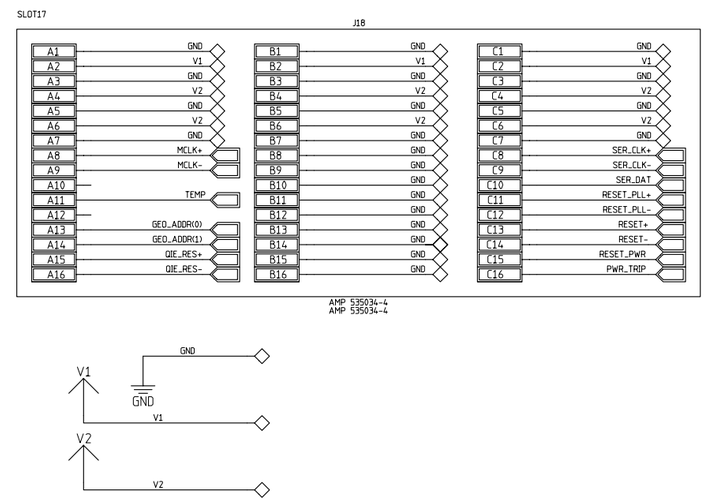
CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
		SCALE / SHEET

H=8ND, V=4LA

DWG. NO.	SH.	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED



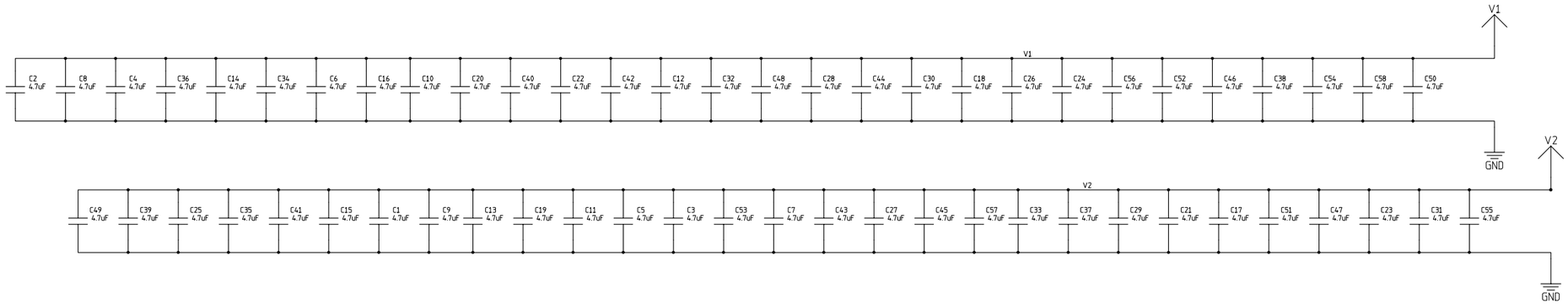
CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Readout Card Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
		SCALE / SHEET

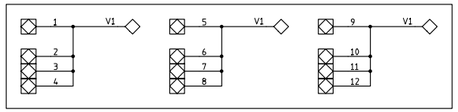
H=8ND, V=4LA

DWG. NO.	SH.	REV

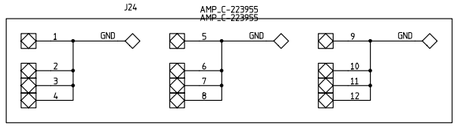
REVISIONS

REV	DESCRIPTION	DATE	APPROVED





J24 AMP_C-223955
AMP_C-223955



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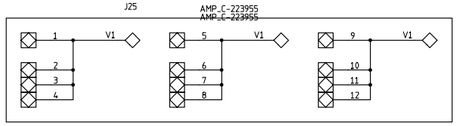

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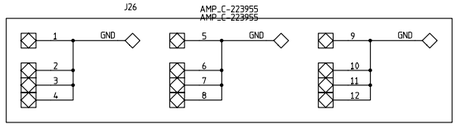

J19 AMP_C-223955
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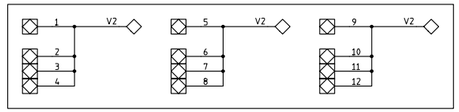

J22 AMP_C-223955
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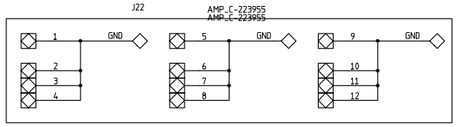

J21 AMP_C-223955
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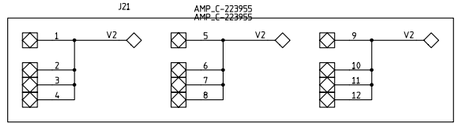

J20 AMP_C-223955
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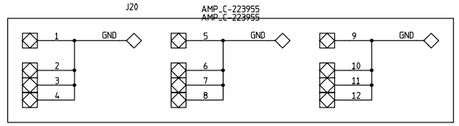


J23 AMP_C-223955
AMP_C-223955

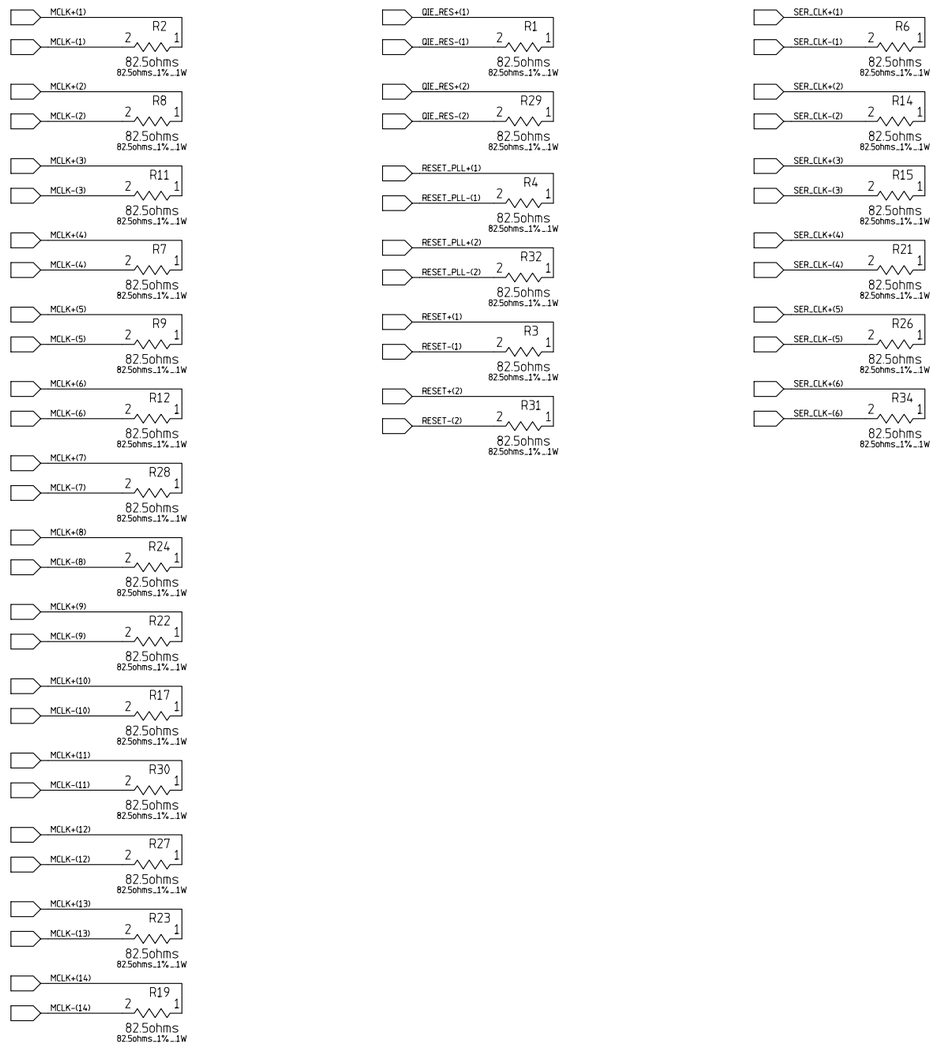
CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Low Voltage Power Slot
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
		SCALE / SHEET

H=8ND, V=4LA

DWG. NO.	SH.	REV

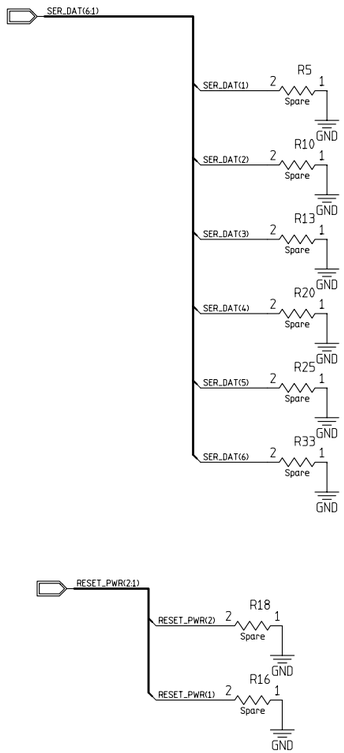
REVISIONS

REV	DESCRIPTION	DATE	APPROVED



CONTRACT NO.		Fermi National Accelerator Laboratory
APPROVALS	DATE	US CMS HCAL HB Backplane Clock Terminations
DRAWN T. M. Shaw	1/29/01	
CHECKED		
ISSUED		SIZE D / FSCM NO. / DWG. NO. / REV
		SCALE / SHEET

H=BND, V=4LA



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

CONTRACT NO.		Fermi National Accelerator Laboratory	
APPROVALS	DATE	US CMS HCAL HB Backplane Data Terminations	
DRAWN T. M. Shaw	1/29/01		
CHECKED			
ISSUED		SIZE D	FSCM NO. / DWG. NO. / REV
		SCALE	SHEET

H=BND; V=4LA