

**C1032 ARC INTERFACE**  
 ADDRESS ADB(0:8)  
 DATA DB(0:8)  
 IOSEL  
 R/W  
 LANIRO  
 DIR  
 CPUST

(REF.\*1032ARC.SCH\*)

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	R. FLOOD
1-21-91		DRAWN	G.M.DYCHE
6-29-93		CHECKED	
APPROVED		USED ON	
MATERIAL			
<b>FERMI NATIONAL ACCELERATOR LABORATORY</b> UNITED STATES DEPARTMENT OF ENERGY			
<b>RESEARCH DIVISION EE/DEPT</b> <b>ARCNET INTERFACE</b>			
SCALE	FILMED	DRAWING NUMBER	REV.
NONE		0880-EC-172993	

D

D

C

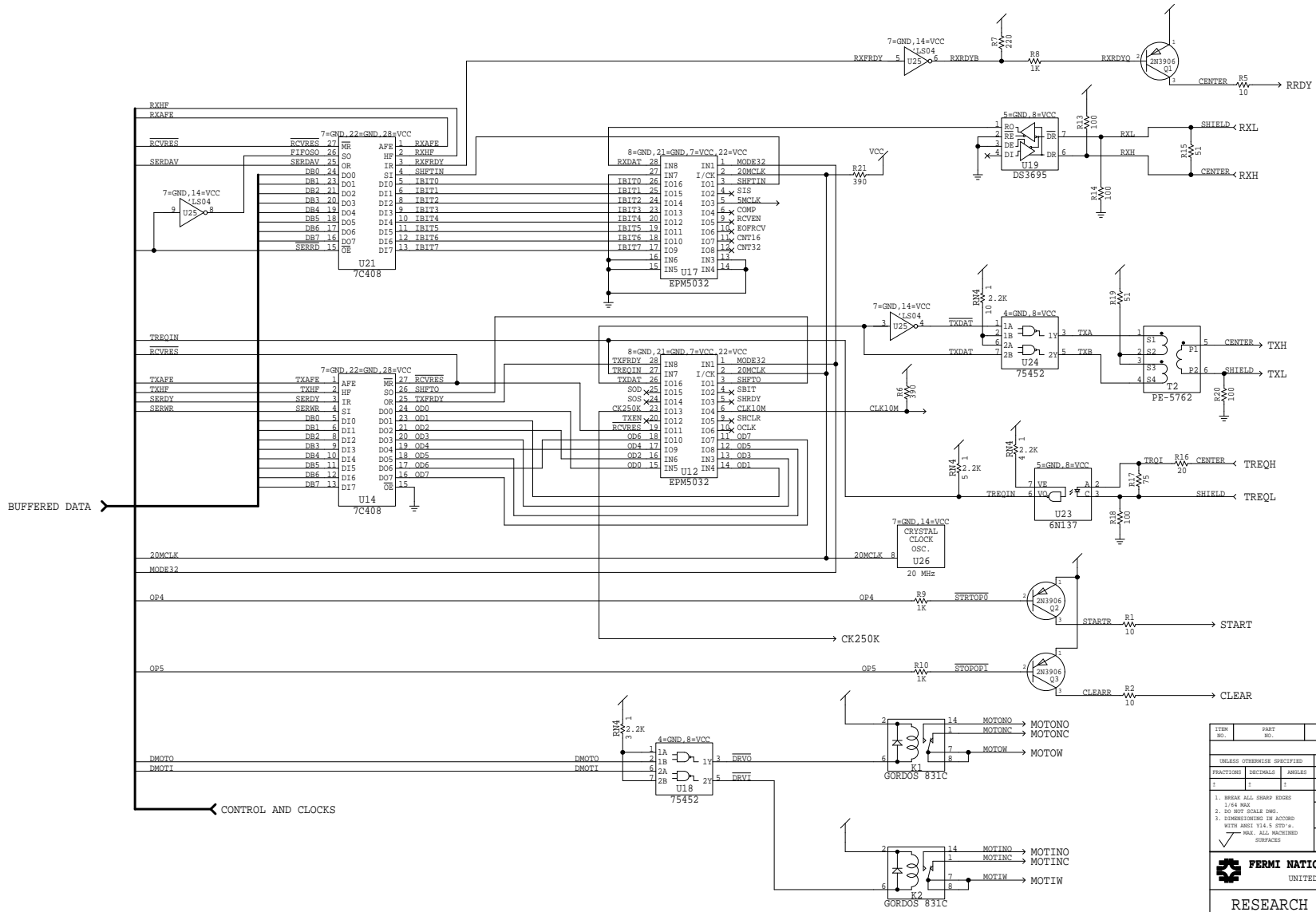
C

B

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A



**BLKTRN**

CONTROL  
 20MHZ  
 CPURST  
 SERRD  
 SERWR  
 SERDY  
 SERDAV

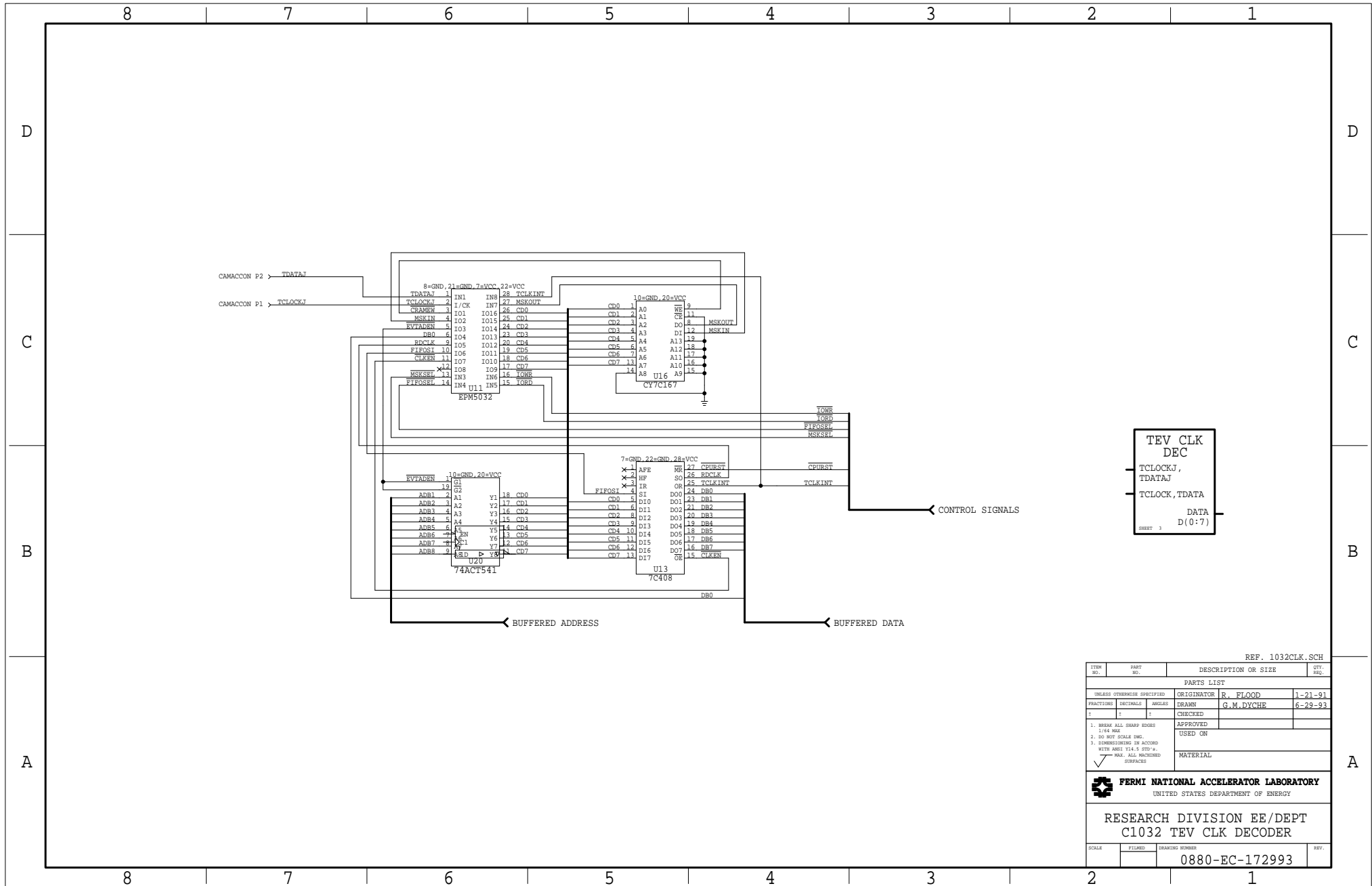
TO FRONT  
 PANEL

DB(0-7) SHEET 4

REF. 1032BLK.SCH

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY. REQ.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	R. FLOOD
FRACTIONS		DESIGN	G.M. DYCHE
1	1	CHECKED	
1. BREAK ALL SHARP CORNERS		APPROVED	
2. DO NOT SCALE DIM.		USED ON	
3. DIMENSIONS IN ACCORD WITH ASME Y14.5 STD-94		MATERIAL	
MAX. ALL MACHINED SURFACES			
<b>FERMI NATIONAL ACCELERATOR LABORATORY</b>			
UNITED STATES DEPARTMENT OF ENERGY			
<b>RESEARCH DIVISION EE/DEPT</b>			
<b>C1032 BLOCK TRANSFER</b>			
SCALE	FILLED	DRAWING NUMBER	REV.
		0880-EC-172993	





TEV CLK  
DEC  
TCLOCKJ,  
TDATA  
TCLOCK, TDATA  
DATA  
D(0:7)

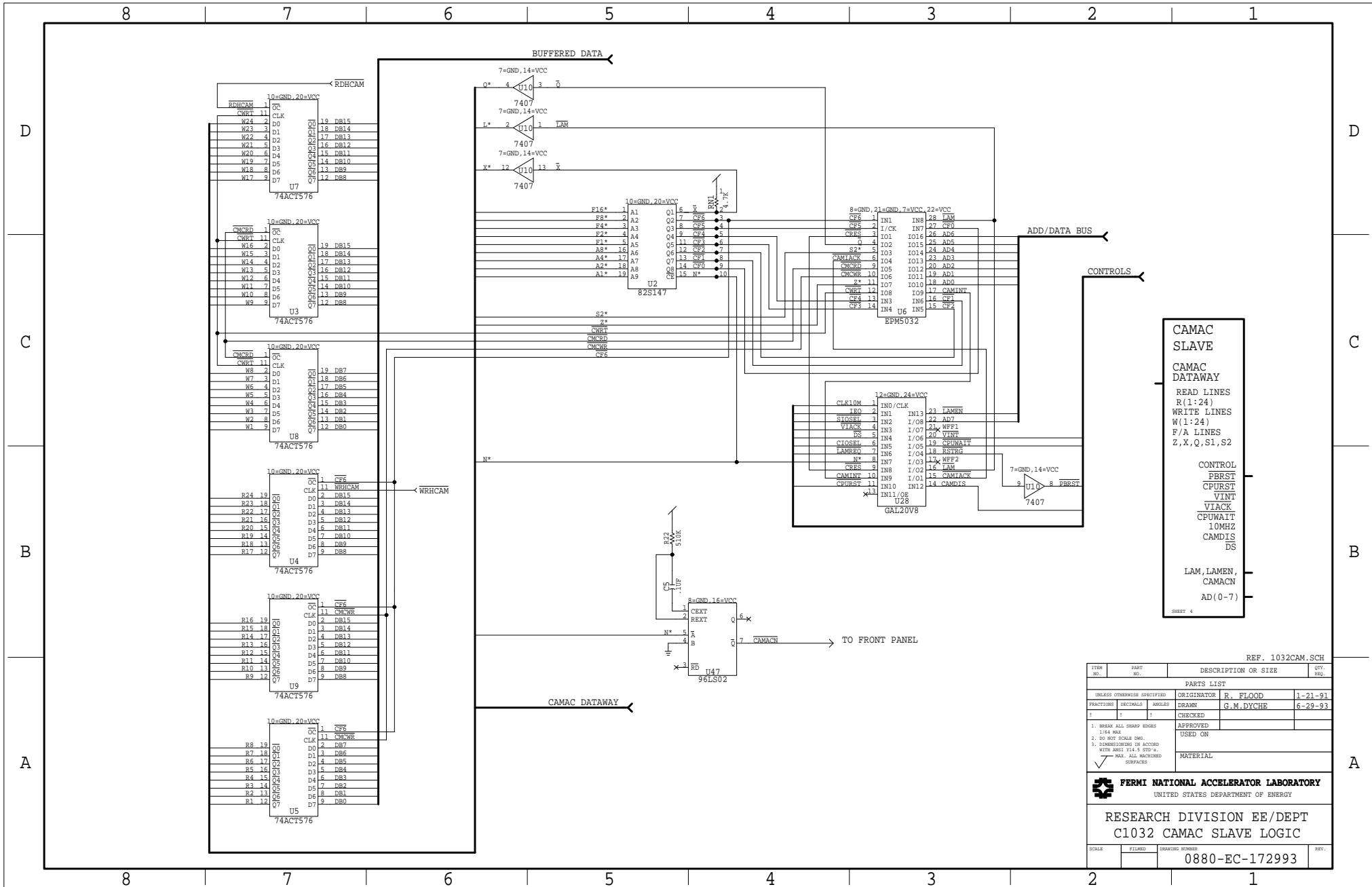
CONTROL SIGNALS

BUFFERED ADDRESS

BUFFERED DATA

REF. 1032CLK.SCH

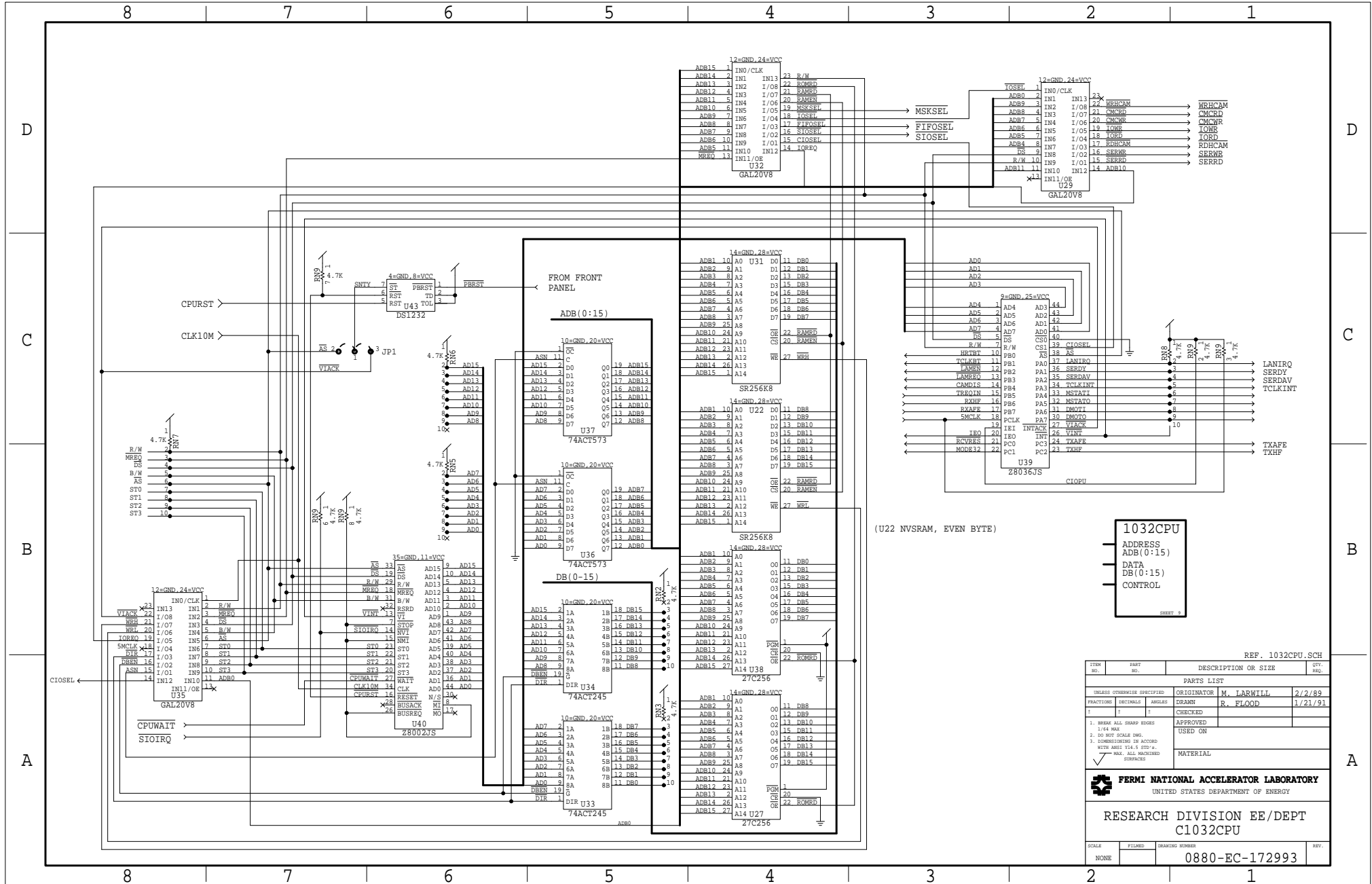
ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	1-21-91
		DRANN	6-29-93
1	1	CHECKED	
1. BREAK ALL SHARP EDGES 1/16" MIN		APPROVED	
2. DO NOT SCALE DIM.		USED ON	
3. DIMENSIONING IN ACCORD WITH ANSI Y14.5 STD 4.		MATERIAL	
✓ MAX. ALL MACHINED SURFACES			
<b>FERMI NATIONAL ACCELERATOR LABORATORY</b> UNITED STATES DEPARTMENT OF ENERGY			
<b>RESEARCH DIVISION EE/DEPT C1032 TEV CLK DECODER</b>			
SCALE	FILMED	DRAWING NUMBER	REV.
		0880-EC-172993	



**CAMAC SLAVE**  
**CAMAC DATAWAY**  
 READ LINES  
 R(1:24)  
 WRITE LINES  
 W(1:24)  
 F/A LINES  
 Z,X,Q,S1,S2  
 CONTROL  
 PBRST  
 CPURST  
 VINT  
 VIACK  
 CPUWAIT  
 10MHZ  
 CAMDIS  
 DS  
 LAM, LAMEN,  
 CAMACN  
 AD(0-7)

REF. 1032CAM.SCH

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.	REV.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	ORIGINATOR	R. FLOOD	1-21-91	
FRACTIONS DECIMALS ANGLES	DRAWN	G.M. DYCHE	6-29-93	
1	CHECKED			
1. BREAK ALL SHARP EDGES		APPROVED		
2. DO NOT SCALE DIM.		USED ON		
3. DIMENSIONING IS ACCORD WITH ANSI STANDARD		MATERIAL		
✓ MAX. ALL MACHINED SURFACES				
<b>FERMI NATIONAL ACCELERATOR LABORATORY</b> UNITED STATES DEPARTMENT OF ENERGY				
<b>RESEARCH DIVISION EE/DEPT</b> <b>C1032 CAMAC SLAVE LOGIC</b>				
SCALE	FILMED	DRAWING NUMBER	0880-EC-172993	REV.



**1032CPU**  
 ADDRESS  
 ADB(0:15)  
 DATA  
 DB(0:15)  
 CONTROL  
 SHEET 3

(U22 NVSRAM, EVEN BYTE)

REF. 1032CPU.SCH

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED			
FRANCHISE	REVIEWS	APPROVALS	DATE
17	1	CHECKED	1/21/91
APPROVED			
USED ON			
MATERIAL			
<b>FERMI NATIONAL ACCELERATOR LABORATORY</b> UNITED STATES DEPARTMENT OF ENERGY			
<b>RESEARCH DIVISION EE/DEPT</b> <b>C1032CPU</b>			
SCALE	PAPER	DRAWING NUMBER	REV.
NONE		0880-EC-172993	

8 7 6 5 4 3 2 1

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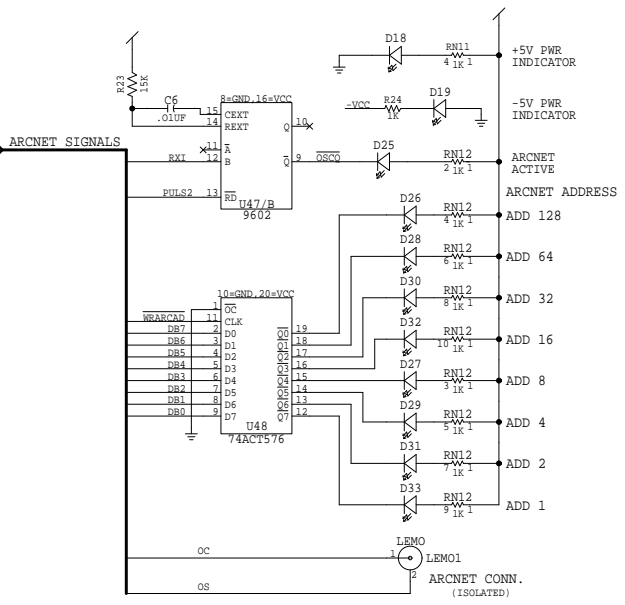
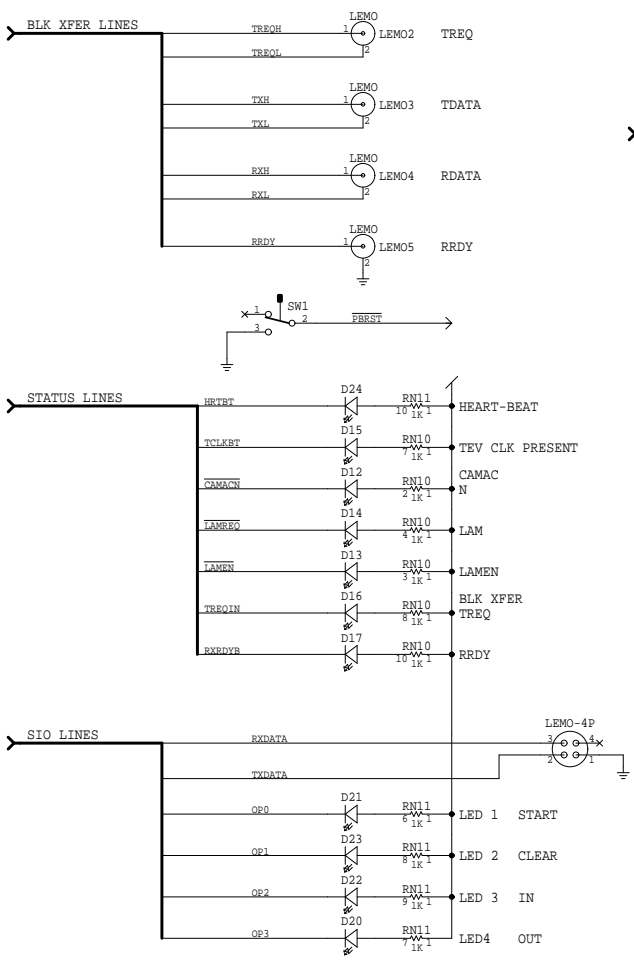
C

B

B

A

A



**C1032 FRONT PANEL**  
 (OP0-3) (TXDATA) (EXDATA) (PRBST) (PWR) (CAMACN) (LAM) (LAMEN) (HEART) (TCLK)

NOTE: ALL LEADS ARE HI-EFFIC. (L.E.D. BRAND 21/22-PCT)

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	1-21-91
FRACTIONS	DECIMALS	DESIGN	G.M.DYCHE 6-29-93
1	1	CHECKED	
1. BRASS ALL SHARP EDGES 1/64 MAX		APPROVED	
2. DO NOT SCALE DIMS		USED ON	
3. DIMENSIONS IN ACCORD WITH ANSI Y14.5 STD-4		MATERIAL	
✓ MAX. ALL MACHINED SURFACES			
<b>FERMI NATIONAL ACCELERATOR LABORATORY</b> UNITED STATES DEPARTMENT OF ENERGY			
<b>RESEARCH DIVISION EE/DEPT C1032 FRONT PANEL</b>			
SCALE	FILMED	DRAWING NUMBER	REV.
NONE		0880-EC-172993	

8 7 6 5 4 3 2 1

