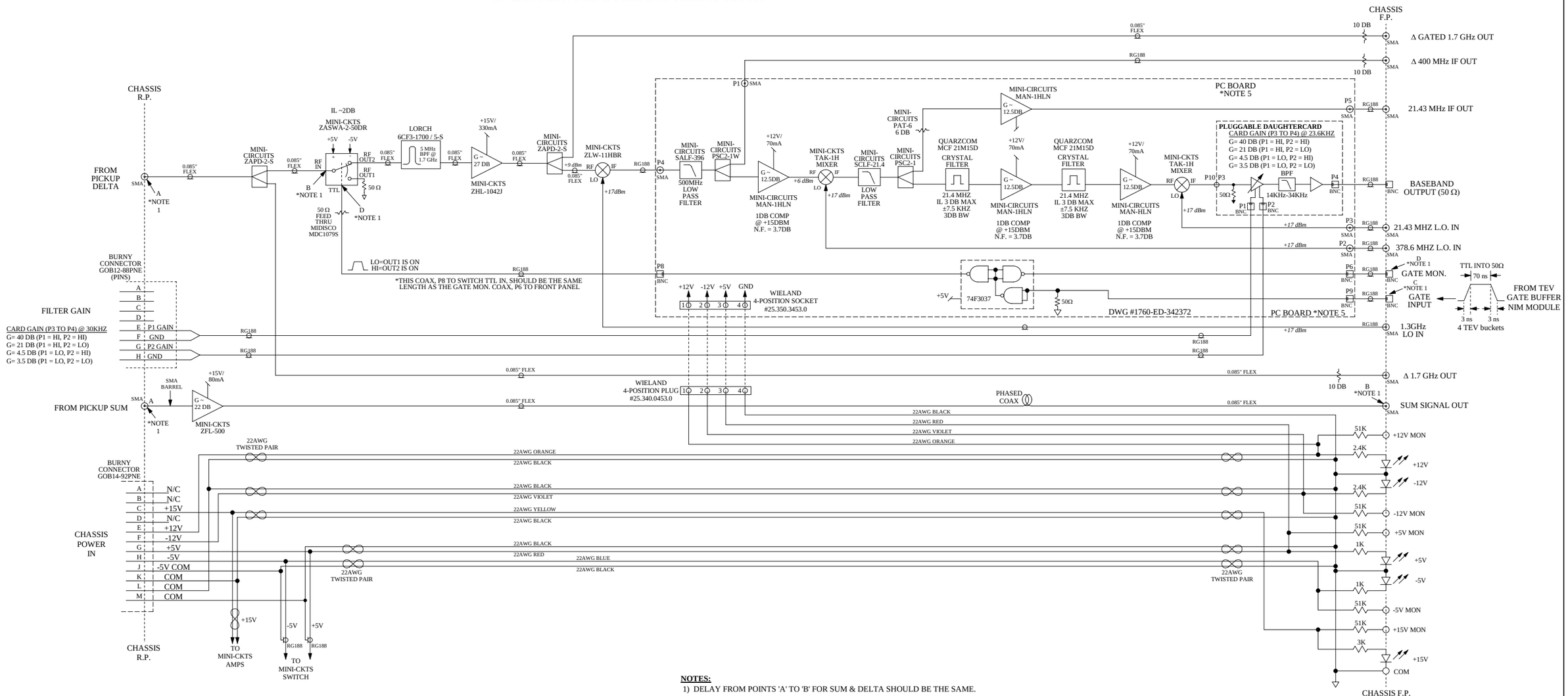
REV.	DESCRIPTION	DRAWN	DATE
A		APPD.	DATE

IN E17 SERVICE BUILDING RELAY RACK



NOTES:

1) DELAY FROM POINTS 'A' TO 'B' FOR SUM & DELTA SHOULD BE THE SAME.
   DELAY FROM POINTS 'C' TO 'D' FOR GATE IN TO SWITCH TTL & GATE MON. SHOULD BE THE SAME.
2)
3)
4)
5) ALL ACTIVE COMPONENTS ON PC BOARD HAVE DECOUPLING CAPACITORS OF 100PF & 1UF ON EACH OF THEIR POWER PINS.
6) CHASSIS IS BY PROLINE METAL FABRICATORS, INC. IT IS A STANDARD 19" RACK MOUNT CHASSIS, 3.5" HIGH BY 14". CHASSIS ASSEMBLY P/N #10-002SP.
7) ALL COAX CABLING FROM CONNECTOR-TO-CONNECTOR INSIDE CHASSIS IS RG188 OR 0.085" FLEXLINE OR EQUIVALENT.
8) PANEL CONNECTORS ARE:
   SMA JACK-JACK BULKHEAD FEEDTHRU BY MINI-CIRCUITS, P/N SF-SF50+
   SMA BULKHEAD JACK TO RG188 BY AMPHENOL, P/N 901-9610-3SF
   BNC BULKHEAD JACK TO RG188 BY AMP, INC, P/N 2-330060-1
   FRONT PANEL VOLTAGE TEST POINTS ARE BY ABBATRON/H.H. SMITH, P/N 1503-102 (RED) & 1503-103 (BLACK)
9) COAX CONNECTORS ARE:
   SMA PLUG TO RG188 BY AMPHENOL, P/N 901-9511-3SF
   BNC PLUG TO RG188 BY AMP, INC. P/N 2-330058-1
   SMA PLUG TO 0.085" FLEXLINE BY TENSOLITE, P/N 5285-0-4
10) POWERS LISTED ARE WITH NO GATING ON SWITCH.

7/3/07

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY. REQ.
PARTS LIST			

UNLESS OTHERWISE SPECIFIED			ORIGINATOR	RALPH PASQUINELLI	
FRACTIONS	DECIMALS	ANGLES	DRAWN	WESLEY MUELLER	12/28/05
+/-	+/-	+/-	CHECKED		
1. BREAK ALL SHARP EDGES 1/64 MAX 2. DO NOT SCALE DRAWING 3. DIMENSIONING IN ACCORD WITH ANSI Y14.5 STD'S			APPROVED		
			USED ON		
√ MAX. ALL MACHINED SURFACES			MATERIAL-		

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

TEV SCHOTTKY SIGNAL PROCESSING CHASSIS BLOCK DIAGRAM

SCALE	FILMED	DRAWING NUMBER	REV.
		1760-ED-342371	