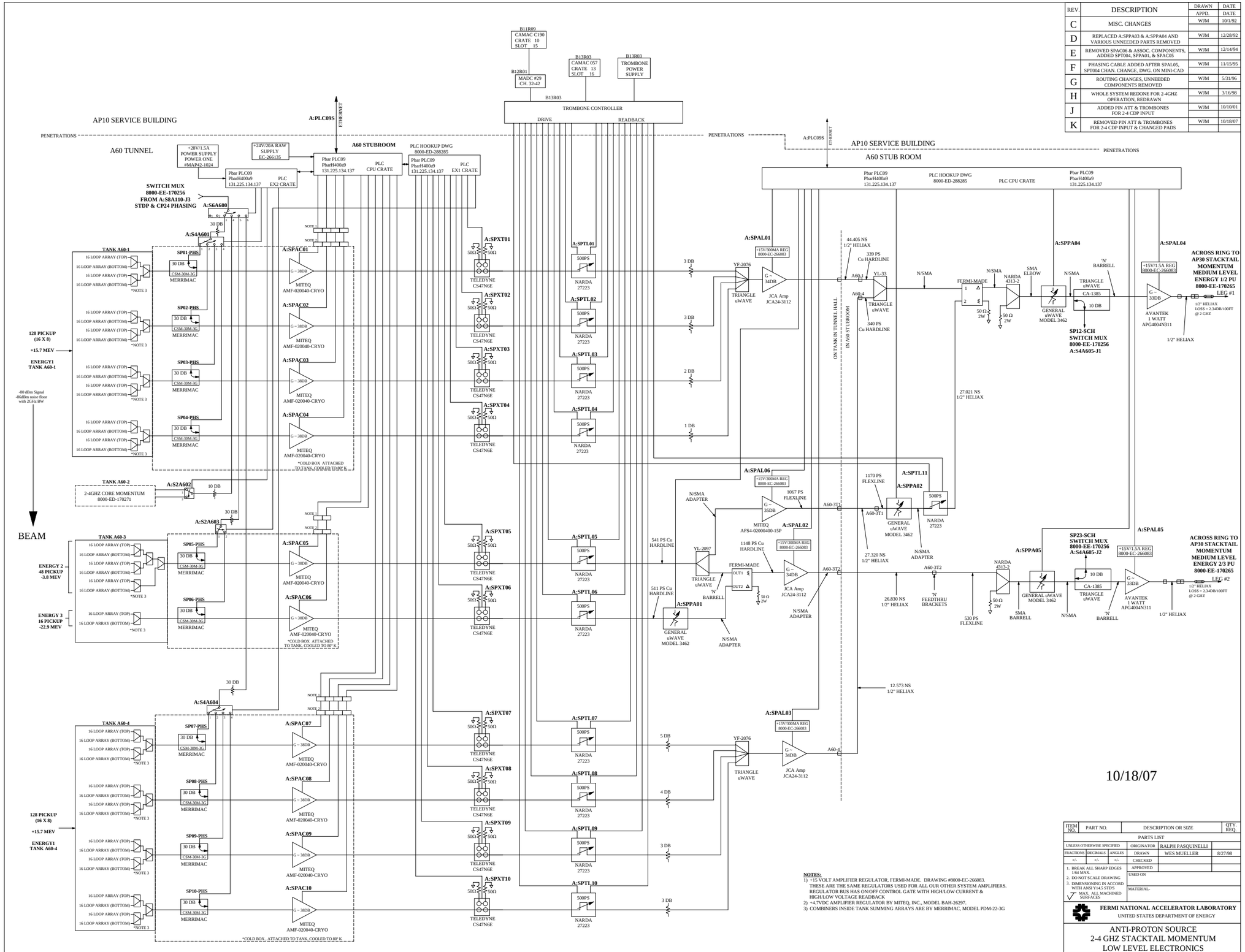
REV.	DESCRIPTION	DRAWN / APPD.	DATE / DATE
C	MISC. CHANGES	WJM	10/1/92
D	REPLACED A:SPPA03 & A:SPPA04 AND VARIOUS UNNEEDED PARTS REMOVED	WJM	12/28/92
E	REMOVED SPAC06 & ASSOC. COMPONENTS, ADDED SPT004, SPPA01, & SPAC05	WJM	12/14/94
F	PHASING CABLE ADDED AFTER SPAL05, SPT004 CHAN. CHANGE, DWG. ON MINI-CAD	WJM	11/15/95
G	ROUTING CHANGES, UNNEEDED COMPONENTS REMOVED	WJM	5/31/96
H	WHOLE SYSTEM REDONE FOR 2-4GHZ OPERATION, REDRAWN	WJM	3/16/98
J	ADDED PIN ATT & TROMBONES FOR 2-4 CDP INPUT	WJM	10/10/01
K	REMOVED PIN ATT & TROMBONES FOR 2-4 CDP INPUT & CHANGED PADS	WJM	10/18/07



NOTES:

1) +15 VOLT AMPLIFIER REGULATOR, FERMI-MADE. DRAWING #8000-EC-266083. THESE ARE THE SAME REGULATORS USED FOR ALL OUR OTHER SYSTEM AMPLIFIERS. REGULATOR BUS HAS ON/OFF CONTROL GATE WITH HIGH/LOW CURRENT & HIGH/LOW VOLTAGE READBACK
2) +4.7VDC AMPLIFIER REGULATOR BY MITEQ, INC., MODEL BAH-26297.
3) COMBINERS INSIDE TANK SUMMING ARRAYS ARE BY MERRIMAC, MODEL PDM-22-3G

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

UNLESS OTHERWISE SPECIFIED			ORIGINATOR	RALPH PASQUINELLI	
FRACTIONS	DECIMALS	ANGLES	DRAWN	WES MUELLER	8/27/98
+/-	+/-	+/-	CHECKED		
1. BREAK ALL SHARP EDGES 1/64 MAX.			APPROVED		
2. DO NOT SCALE DRAWING			USED ON		
3. DIMENSIONING IN ACCORD WITH ANSI Y14.5 STD'S					
√ MAX. ALL MACHINED SURFACES			MATERIAL-		

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

ANTI-PROTON SOURCE
2-4 GHZ STACKTAIL MOMENTUM
LOW LEVEL ELECTRONICS

SCALE	FILMED	DRAWING NUMBER	REV.
		8000-EE-208480	K