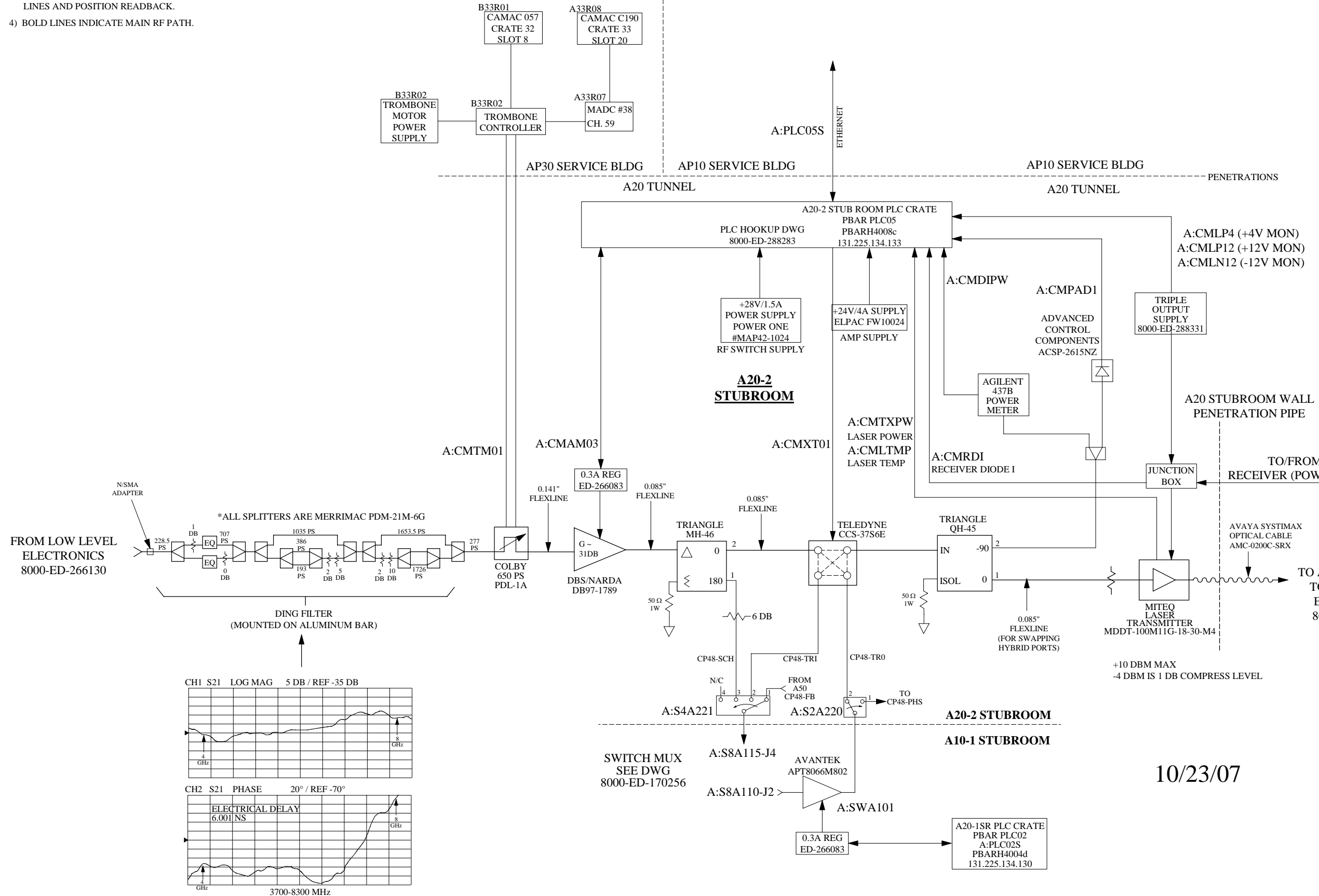



NOTES:

- 1) AMPLIFIER GAINS ARE NOMINAL.
- 2) AMPLIFIER POWER SUPPLY REGULATOR BUS HAS: ON/OFF CONTROL, HIGH/LOW VOLTAGE STATUS, AND HIGH/LOW CURRENT STATUS.
- 3) TROMBONE LINE BUS HAS MOTOR CONTROL LINES, LIMIT SWITCH LINES AND POSITION READBACK.
- 4) BOLD LINES INDICATE MAIN RF PATH.



REV.	DESCRIPTION	DRAWN APPD.	DATE
B	REDRAWN AND UPGRADED TO 4-8 GHZ	G.A. JOHNSON W.J. MUELLER	8/1/90 10/9/90
C	ADDED PIN SYNC CHASSIS	G.A. JOHNSON W.J. MUELLER	3/21/91 3/25/91
D	PIN SWITCH TIMING CHANNELS	G.A. JOHNSON W.J. MUELLER	9/19/91 9/24/91
E	ADDED PIN ATT., LIMIT, & DIODE NAMES	G.A. JOHNSON W.J. MUELLER	11/5/92 11/9/92
F	ADDED PHASE EQUALIZER GRAPH	G.A. JOHNSON W.J. MUELLER	6/23/93 7/8/93
G	REDRAWN ON MINI-CAD	W.J. MUELLER	3/22/95
H	NAME/CONTROL CHANGES	W.J. MUELLER	8/14/98
J	DELAY SWITCHES AND EQUALIZER REMOVED	W.J. MUELLER	10/10/01
K	DIODE PAD CHANGE	W.J. MUELLER	5/4/05
L	PIN ATT & SW MOVED TO HI LEVEL, RE-MADE PLATE, OPTICS INSTALLED	W.J. MUELLER W.J. MUELLER	4/18/06
M	ADDED HIGH PASS FILTER, LINES REPHASED, HYBRID FLIPPED	W.J. MUELLER	5/3/07
N	REMOVED HIGH PASS FILTER, LINES REPHASED, HYBRID FLIPPED	W.J. MUELLER	6/19/07
P	ADDED INPUT DING FILTER & AMP FROM HIGH LEVEL	W.J. MUELLER	8/15/07
R	FLIPPED ORDER OF HYBRID, AMP, AND TRANSFER SWITCH	W.J. MUELLER	10/23/07

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY. REQ.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	R.J. PASQUINELLI
FRACTIONS	DECIMALS	ANGLES	DRAWN
			G.A. JOHNSON
			8/1/90
		CHECKED	WESLEY MUELLER
		APPROVED	10/9/90
1. BREAK ALL SHARP EDGES 1/64 MAX.			MATERIAL-
2. DO NOT SCALE DRAWING			
3. DIMENSIONING IN ACCORD WITH ANSI Y14.5 STDS			
✓ MAX. ALL MACHINED SURFACES			


FERMI NATIONAL ACCELERATOR LABORATORY
 UNITED STATES DEPARTMENT OF ENERGY

ANTI-PROTON SOURCE
CORE MOMENTUM (4-8 GHZ)
MEDIUM LEVEL ELECTRONICS

SCALE	FILMED	DRAWING NUMBER	REV.
		8000-ED-266131	R

10/23/07