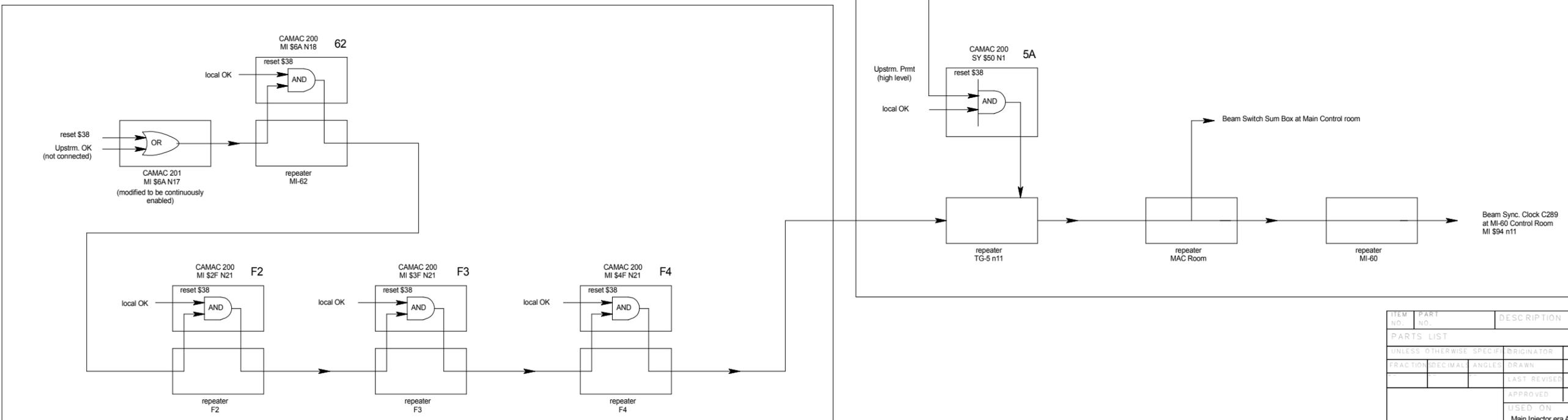


The 201 modules used for the P1 Line, P2 Line and the P3 Line have a second generation modification that forces them to be continuously enabled. Essentially the reset clock event is used only at the 200 module level. This is a result of not having defined events that indicate a loss of beam permit has occurred. If these events were defined then it would be possible to disable the 201 upon an "abort" and thus all 200 modules would get the word. As it is now only the offending 200 module and those downstream from it get the word (along with BSSB and BS Clock).

SWYD Beam Permit



P3 Line Beam Permit

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.	REV.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	Terry Hendricks	10/7/98
FRACTION	DECIMAL	ANGLES	DRAWN	Terry Hendricks
			LAST REVISED	Mike Kuplic
				8/26/16
APPROVED			Greg Vogel	
USED ON				
Main Injector era Abort and Beam Permit systems				
Source Reference:				
FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY				
P3/SWYD Beam Permit System, Functional Block Diagram				
SCALE		DRAWING NUMBER	REV.	
		VATLAS/D:/DOC/MI/BP_ABORT/block_2.vfm	B	