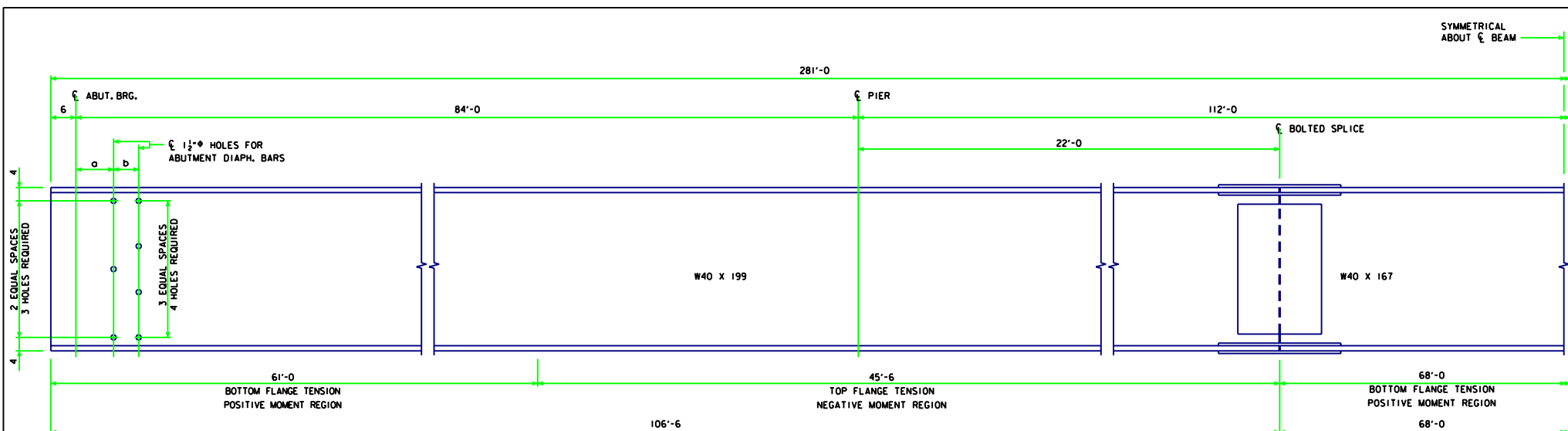
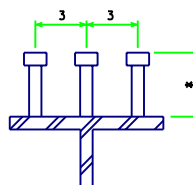


* NOTE: STUD HEIGHTS ($3\frac{1}{2}$ " OR 5") FOR THE LOCATIONS SHOWN SHALL BE DETERMINED BY THE DESIGNER. ON "MISCELLANEOUS DETAILS 280'-0" BRIDGE" SHEET, STUD HEIGHTS CAN BE IDENTIFIED BY THE DESIGNER IN A TABLE CORRESPONDING TO THE ZONES LISTED ON THIS SHEET.



SHEAR STUD DETAILS
NOTE: ALL STUDS TO BE $\frac{1}{2}$ "

SKEW	a (IN)	b (IN)
0°	9	6
10°	9 $\frac{1}{2}$	6 $\frac{1}{2}$
20°	9 $\frac{3}{4}$	6 $\frac{3}{4}$
30°	10 $\frac{1}{4}$	6 $\frac{1}{4}$

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER <i>Norman L. McDaniel</i>		
		STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES ROLLED STEEL BEAM BRIDGES FEBRUARY, 2004	
		BEAM PLAN AND ELEVATION 280'-0" BRIDGE	RS40-60-04