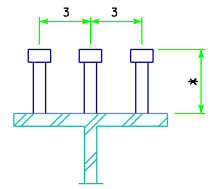


\* NOTE: STUD HEIGHTS (3 1/2" OR 5") FOR THE LOCATIONS SHOWN SHALL BE DETERMINED BY THE DESIGNER. ON "MISCELLANEOUS DETAILS 280'-0 BRIDGE" SHEET, STUD HEIGHTS CAN BE IDENTIFIED BY THE DESIGNER IN A TABLE CORRESPONDING TO THE ZONES LISTED ON THIS SHEET.



SHEAR STUD DETAILS  
NOTE: ALL STUDS TO BE 1/2" dia

SKEW	a (IN)	b (IN)
0°	9	6
10°	9 1/8	6 1/8
20°	9 1/4	6 1/4
30°	10 3/8	6 7/8
45°	12 1/2	8 1/2

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER <i>Thomas E. Mc Donald</i>		
		STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES <b>ROLLED STEEL BEAM BRIDGES</b> JUNE, 2010	
BEAM PLAN AND ELEVATION 280'-0 BRIDGE		RS40-077-10	