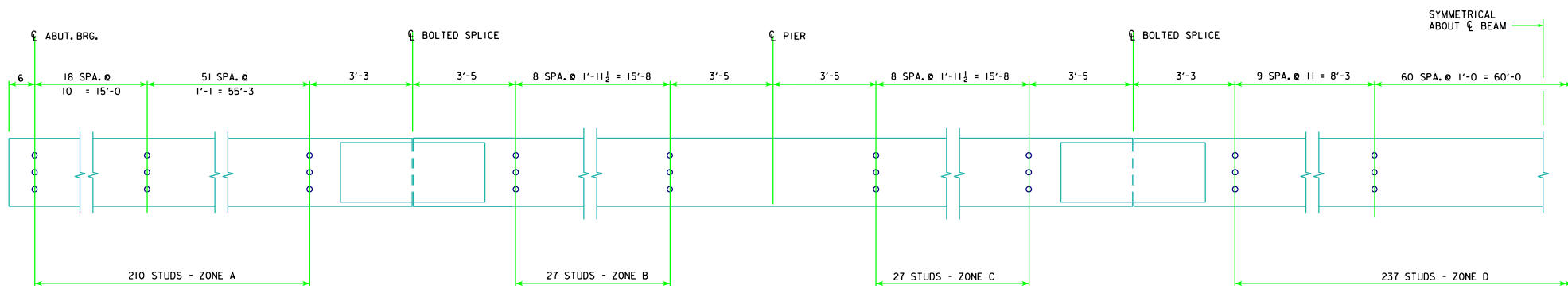
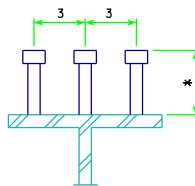


BEAM ELEVATION



SHEAR STUD SPACING

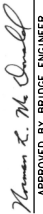

* NOTE: STUD HEIGHTS (3 1/2" OR 5") FOR THE LOCATIONS SHOWN SHALL BE DETERMINED BY THE DESIGNER. ON "MISCELLANEOUS DETAILS 320'-0 BRIDGE" SHEET, STUD HEIGHTS CAN BE IDENTIFIED BY THE DESIGNER IN A TABLE CORRESPONDING TO THE ZONES LISTED ON THIS SHEET.



SHEAR STUD DETAILS

NOTE: ALL STUDS TO BE 7/8" Ø

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

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 Iowa Department of Transportation Highway Division
BEAM PLAN AND ELEVATION 320'-0 BRIDGE		RS40-079-10