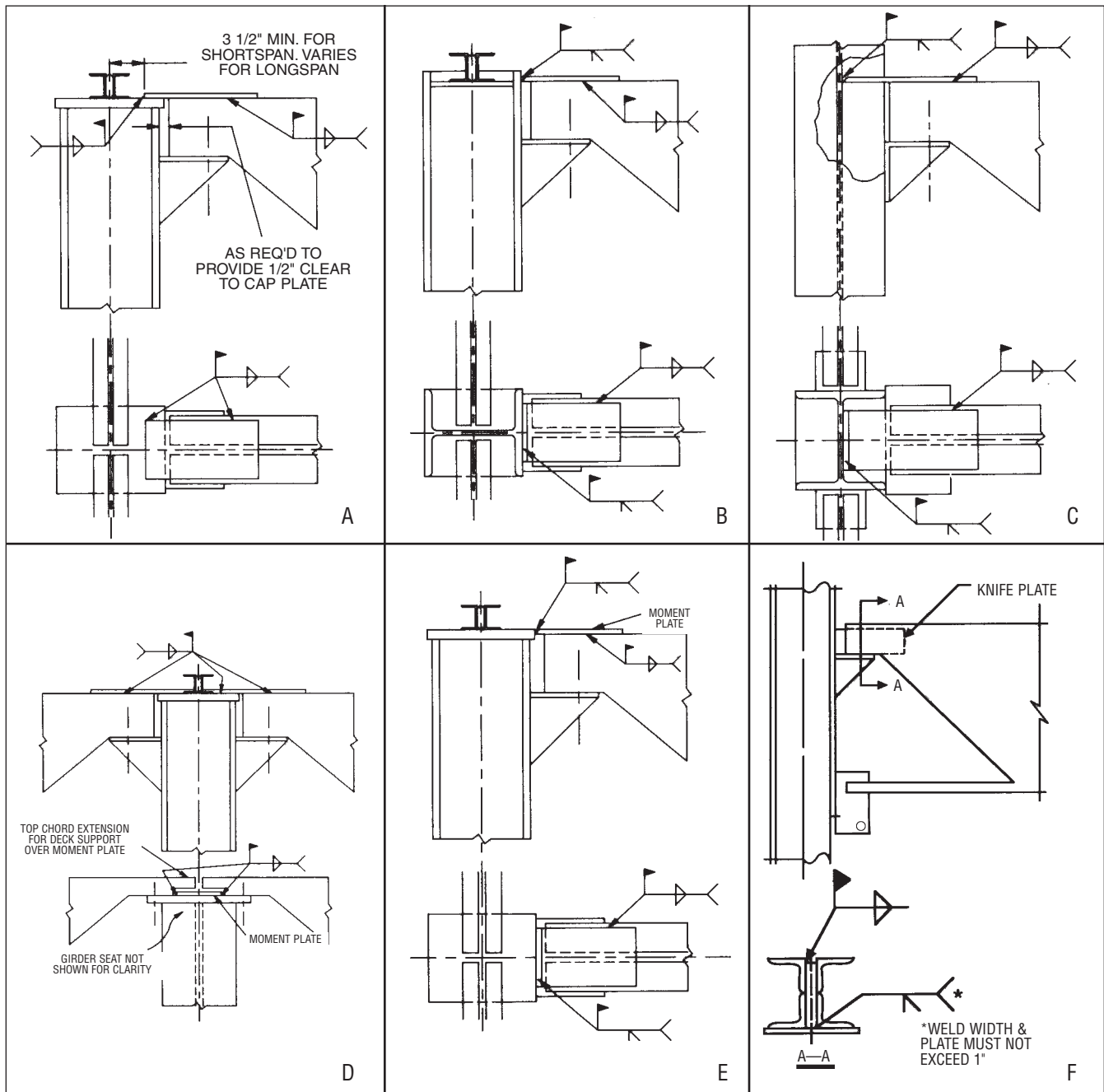


MOMENT CONNECTION DETAILS

Presented below are six suggested details for a moment resistive connection involving roof Joist Girders. Similar details should be utilized for longspan joists with end moments. In all cases, the bottom chord is to be connected to the column with a vertical stabilizer plate

which is to be sized to carry the required load and obtain required weld (use 6 x 6 x 3/4 plate minimum for Joist Girders).



NOTES :

- (1) Connections type B & C would also be recommended for floor girder details.
- (2) Where a backer bar is required for groove welds, additional clearance must be provided when determining girder hold back dimension.
- (3) Similar details would apply at other types of columns.
- (4) Additional stiffener plates as required not shown for clarity.
- (5) In all details, moment plate design and material is not by Vulcraft.