

CONNECTION STIFFNESS IMPLEMENTATION PROCEDURE FOR RAM USERS Version 15.09 and Older

10/05/18

STEP 1: SELECT THE SIDEPLATE CONNECTION TYPE (SEE FIG. 1)

- Open the Frame Design Module in RAM 
- Criteria > SidePlate...
Select the SidePlate appropriate connection
 1. High Seismic for SMF, IMF, or OMF applications
 2. Wind/Low Seismic for R=3 applications

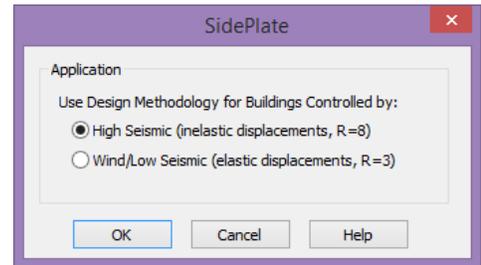


Figure 1 - RAM SidePlate connection type

STEP 2: ASSIGN SIDEPLATE FRAME BEAM CONNECTION TYPE (SEE FIG. 3)

- Assign > Beam > Frame Beam Connection Types...
- Assign SidePlate to Both Ends, Left End, or Right End of lateral frame members
- Once the beam ends have been assigned, RAM Frame will display a red rectangle symbolizing a SidePlate® moment connection as shown in figure 2.

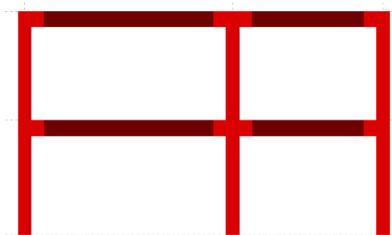


Figure 2 - SidePlate® frame

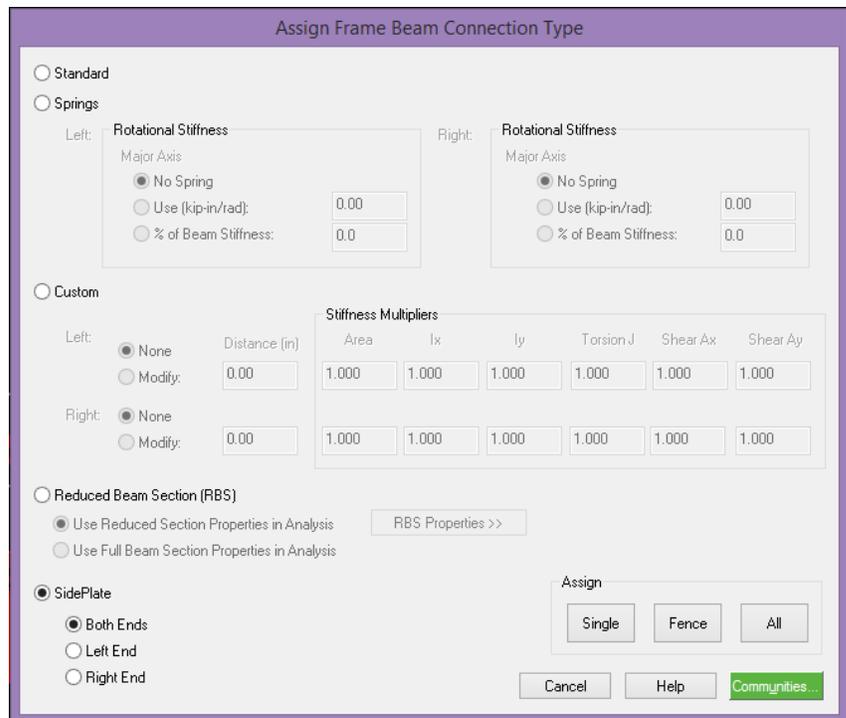


Figure 3 - assign frame beam connection type

Note: If you are NEW to RAM Structural Systems, or would like more detailed analysis and model validation tips, please refer to our document [How to model SidePlate in RAM](#) for more information.