

## Door - Load Bearing Single Header with Strongback Boxed Jamb

## ADVANTAGES:

- I. Use of cripple stud to receive head/sill tracks at jamb studs helps maintain alignment of finishes.
- 2.Strongback header minimizes number of members to be installed vs. back to back or boxed header.
- 3.Boxed jamb studs welded together reduces material build-up and finish problems.
- 4. Provides good vertical load transfer at each strongback header into jamb stud.
- 5. Reduces web-crippling reinforcement being required at end of strongback header.
- 6. Provides better load transfer from jamb stud to base track vs. single jamb stud.

## DISADVANTAGES:

- I.Requires a ceiling being installed to hide vertical strongback.
- 2. Strongback would interfere with installing interior wall covering at the strongback.
- 3. High-end reactions for single web jamb studs may require reinforcement to reduce web-crippling failure.
- 4. May require a thicker or wider flange head track member with only one member being installed to resist the horizontal load from the opening.
- 5. Requires 43 mil and thicker jamb stud material so weld can be made easily.