## CRIPPLE STUD **INFILL STUD HEADER TRACKS** ssma **HEADER MEMBERS JAMB ANGLE CRIPPLE STUD** SILL-**INFILL STUD TYPICAL BASE ANCHORAGE ADDITIONAL ANCHORAGE** @ JAMB **BASE TRACK**

## Window - Load Bearing Boxed Header Single Jamb

## **ADVANTAGES:**

- I. Use of cripple stud to receive head/sill tracks at the jamb studs helps maintain alignment of finishes.
- 2. Boxed header members provide backing for attachment of window covering support.
- 3. Using a wider flange and thicker jamb stud material reduces cost of installation compared to built-up jamb studs.
- 4. Using a wider flange reduces possibility of installing a wall stud as a jamb stud.

## DISADVANTAGES:

- I.Requires the clip angle below the head track to be sized to transfer the vertical load from the head into the jamb.
- 2.Boxed header increases web-crippling reinforcement being required at each end of the header vs. back to back headers.
- 3. High-end reactions for single web jamb studs may require reinforcement to reduce web-crippling failure.