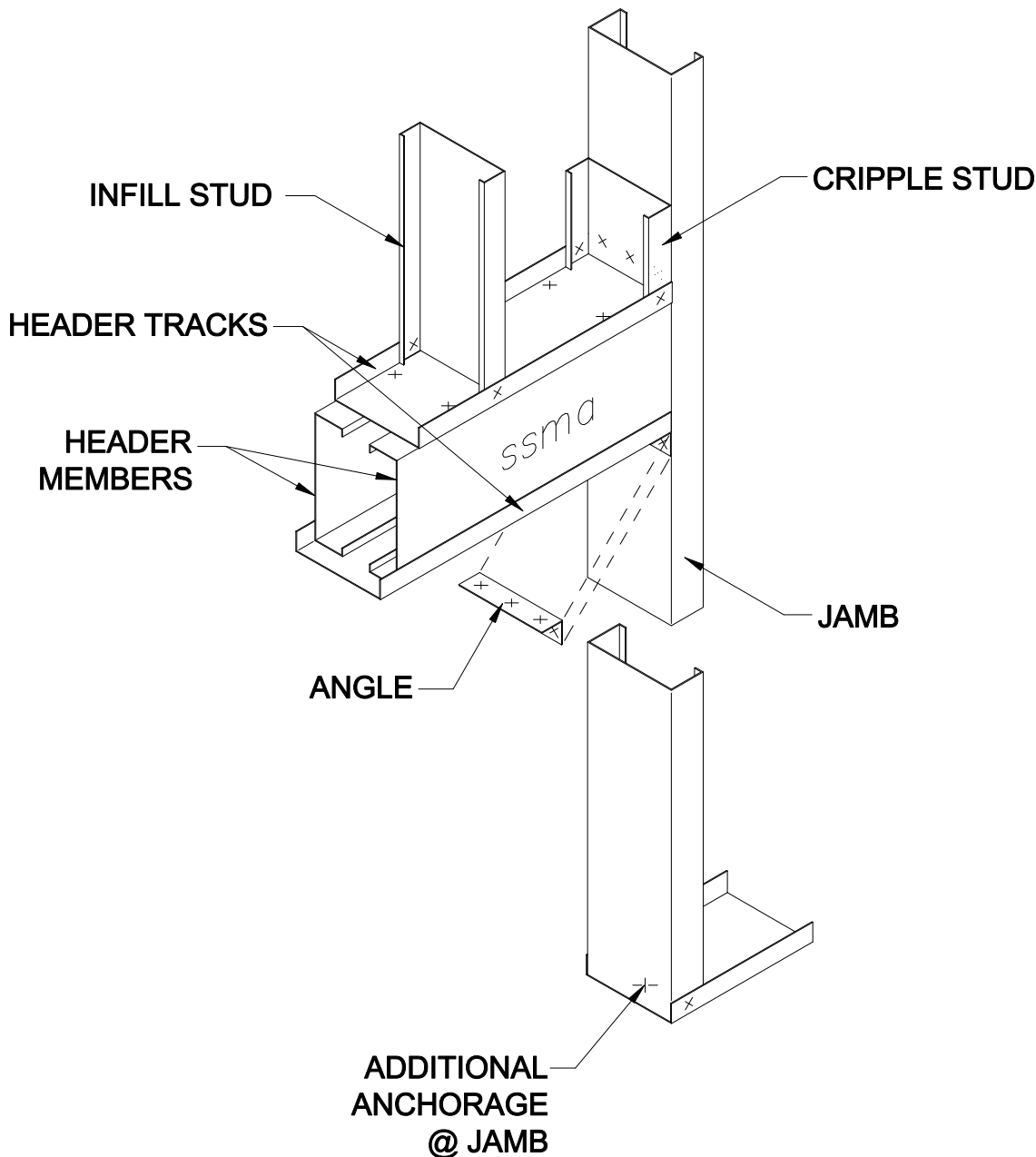


Door - Load Bearing Boxed Header Single Jamb



ADVANTAGES:

1. 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:

1. 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.
4. Base track may require reinforcement with clip angle and direct attachment to transfer end reaction from jamb stud.