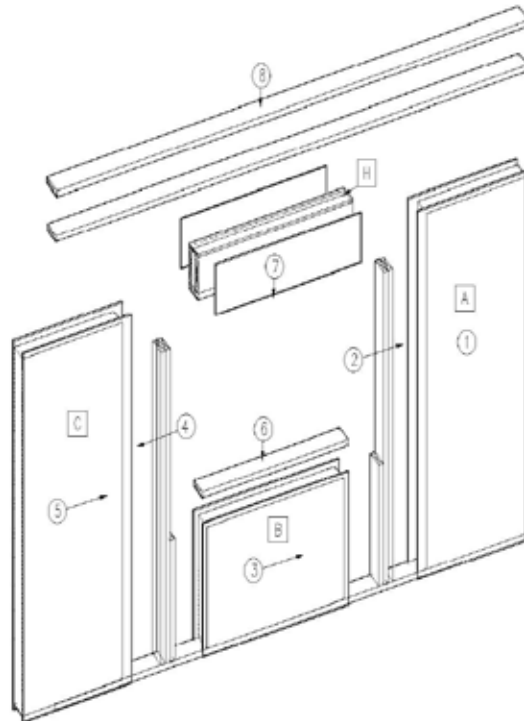


## VI. Headers

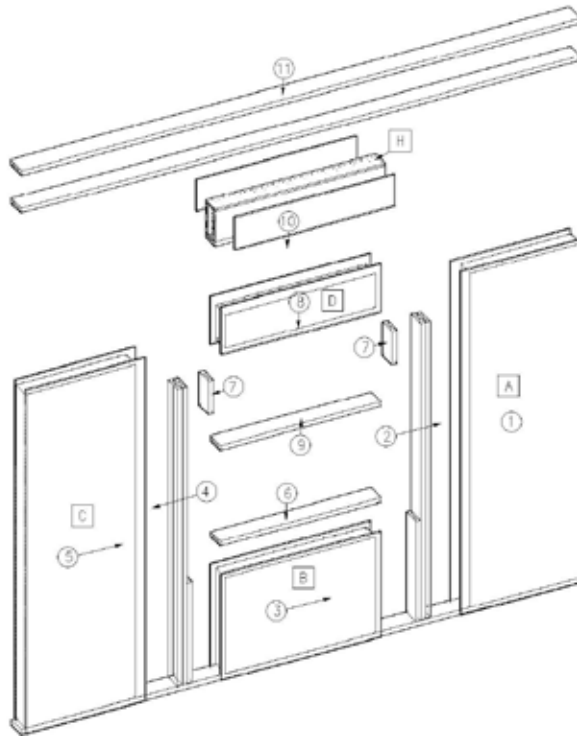
Window size, header panel height, snow load, building size and truss point loads are all factors that determine if a header is needed. A general rule of thumb is no headers are needed on gable end walls. If a header is required, the size will be determined by an EPS engineer. Most box headers are pre-built and ready to install. Longer headers will be sent in pieces. The typical EPS header is a 2-ply 1-3/4"11-1/4" LVL with an eps foam core between, size may vary per job. Windows and doors will have 1 or 2 bearing studs. Openings over 6' may need full length studs to prevent deflection. The header will typically fill the entire distance between the opening and the top plates. On taller walls, a filler panel is installed beneath the header. Below are the two examples.

*Header only:*



- 1) Start by erecting panel "A"
- 2) Pre-assemble all bearing and filler studs into the panel.
- 3) Slide panel "B" into panel "A".
- 4) Pre-assemble all bearing and filler studs into panel "C".
- 5) Slide panel "C" into panel "B". Check horizontal rough opening dimension.
- 6) Install lower opening framing.
- 7) Drop header "H" into opening and sheath both sides of header with loose OSB.
- 8) Continue with wall and install top plates.

*Header and panel:*



- 1) Start by erecting panel "A"
- 2) Pre-assemble all bearing and filler studs into the panel.
- 3) Slide panel "B" into panel "A".
- 4) Pre-assemble all bearing and filler studs into panel "C".
- 5) Slide panel "C" into panel "B". Check horizontal rough opening dimension.
- 6) Install lower opening framing.
- 7) Install filler panel blocking.
- 8) Slide upper panel into place and verify rough opening dimension.
- 9) Install upper opening framing.
- 10) Drop header "H" into opening and sheath both sides of header with loose OSB.
- 11) Continue with wall and install top plates.