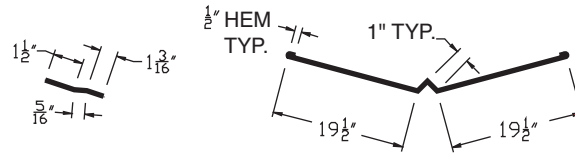


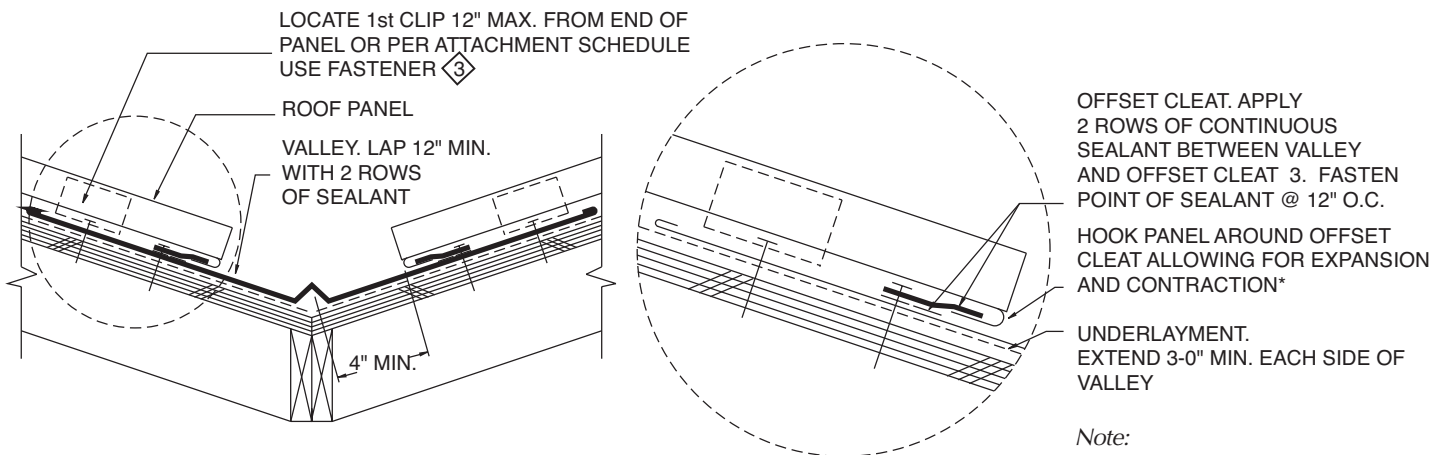
## Valley Flashing

Note: This flashing must be installed prior to the panels.



**OL41**

**V41**



Note:

- Minimum slope for this detail is 3:12.

### Procedures

- Place a second layer of 36" roof felt in the valley centerline with 18" on each side.
- Place the valley over the membrane and make sure the downhill end of the valley overhangs the edge of the roof by 1".
- Locate the offset cleats and two rows of sealant as shown. Make sure the end of the roof panels are at least 4" back from the center of the valley flashing. Leave a gap to allow for expansion and contraction of the panel. Rule of thumb is 1/8" movement for every 10 ft. of panel length.
- Fasten the offset cleat through the upper row of sealant.
- Caulk (ProSeal 34 is recommended) and lap the subsequent valley flashings a minimum of 8". We recommend that maximum accumulated length of flashings do not exceed 40 ft.
- Cut, caulk (ProSeal 34 is recommended), fold, and secure the downhill end of the valley as needed. Also make sure to fill in the triangular opening with caulk.
- Valley dimensions must be the proper width to account for slope, snow, ice, and rain conditions. An underlayment such as a rubberized cold-applied membrane is recommended. The membrane is installed first, extending 3'-0" up from the center of the valley on each side, with felt overlapping the membrane.

\* Consult with ASC for spacing in between cleat and hook for panels that exceed 40 ft.  
 \* Consult with ASC if heavy snow and ice conditions exist.