**Panel Expansion Note**

For steel panels < 48' with a 1 1/2" turn down and 1 1/2" hem clearance:
1. 1/4" for installation temperature below 30 degrees Fahrenheit.
2. 1/2" for installation temperature above 30 degrees Fahrenheit.

For steel panels > 48' with a 2" turn down and 2" hem clearance:
1. 1/4" for installation temperature below 30 degrees Fahrenheit.
2. 1/2" for installation temperature above 30 degrees Fahrenheit.

Panels exceeding 40' add 1" per 10' to each side of valley exposure.
For aluminum panels - contact DMI.
No pop rivets or fasteners on exposed weather side of cleat.

**Inverted V Note**
On roof pitches over 6:12 or panel lengths exceeding 60' or on dissimilar pitches increase the inverted V in the valley to 2'.

**Flashing Lap Note**

Lap valley 1” min. with 2 rows of approved sealant.

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**Diagram Notes**

- **DMI SL20 Panel**
- Panel clip 48” o.c. max.
- (Fastened with 2 #14-13 DP1 fastener 1/2” min. penetration into deck)

- **12” from end of panel**

- **Field fold end of panel**

- **Approved Underlayment**
  - Self adhered ice and water underlayment
  - Cleat
  - Valley

- **Invert two rows of approved sealant in vertical**

- **Hole 18 ga. DMI bearing plate**
  - 22 ga. valley liner attached with #14-13 DP1 fastener 30” o.c. each
  - Rigid insulation (fasten with 8 plates and fasteners per 4’x8’ sheet)

- **#10-16 DP3 Pancake head fasteners 6” o.c.**

- **No continuous rows of butyl tape**

- **Inverted V 1” min. (see note above)**

- **Metal decking**

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**Valley**

**DIMENSIONAL METALS, INC.** 3” = 1’-0” cap