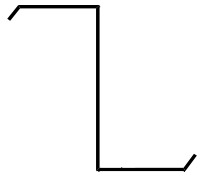


# SECONDARY FRAMING

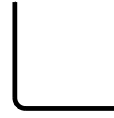
Condensed  
Technical  
Reference



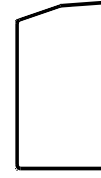
Equal Leg Zee



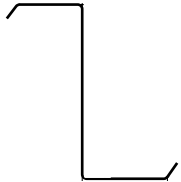
Cee



Angle



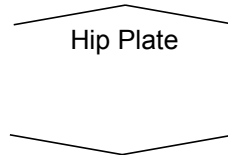
Eave Strut



UnEqual Leg Zee



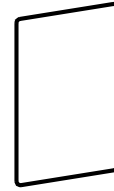
Channel



Hip Plate



Valley Plate



Eave Strut

VARIOUS  
PROFILES

PUNCHING  
AVAILABLE

GALVANIZED  
OR  
RED OXIDE

12, 14 AND  
16 GAUGE

CUSTOM  
LENGTHS

## PRODUCT OVERVIEW

► Material:

Galvanized per ASTM A 653  
HSLAS, Grade 55, Class 1, G90  
Minimum Yield is 55 ksi  
Minimum Tensile is 70 ksi  
Minimum 2" Elongation is 11% for all gauges

Painted per ASTM A 1011  
SS, Grade 55, Red Oxide  
Minimum Yield is 55 ksi  
Minimum Tensile is 70 ksi  
Minimum 2" Elongation is 15% for 12 gauge  
14% for 14 gauge  
9% for 16 gauge

| Thickness: Gauge | Minimum Coated Thickness | Design Thickness* |
|------------------|--------------------------|-------------------|
| 16               | 0.057"                   | 0.058"            |
| 14               | 0.067"                   | 0.069"            |
| 12               | 0.099"                   | 0.103"            |

\* per AISI S100, Section A2.4.

- Length Limits:
- Zee: 7'-0" to 45'-0" in 1/8" increments
  - Cee: 6'-0" to 45'-0" in 1/8" increments
  - Eave Strut: 6'-0" to 39'-0" in 1/8" increments
  - Channel, Angle and Hip / Valley Plate: 20'-0" standard

# SECONDARY FRAMING

**Condensed  
Technical  
Reference**

## STANDARD SHAPES

|   |                                |   |                                |   |
|---|--------------------------------|---|--------------------------------|---|
| <b>Equal Leg Zee:</b>   | <b>Depth</b><br>(inches)       | <b>Flange Width(s)</b><br>(inches)  | <b>Depth</b><br>(inches)       | <b>Flange Width(s)</b><br>(inches)  |
|   | 4                              | 2 <sup>1</sup> / <sub>2</sub> , 3 <sup>1</sup> / <sub>2</sub>   | 6                              | 2 <sup>1</sup> / <sub>2</sub>   |
|   | 8                              | 2 <sup>1</sup> / <sub>2</sub> , 3 <sup>1</sup> / <sub>2</sub>   | 9                              | 3, 3 <sup>1</sup> / <sub>2</sub>  |
|   | 10                             | 2 <sup>1</sup> / <sub>2</sub> , 3, 3 <sup>1</sup> / <sub>2</sub> , 4  | 12                             | 2 <sup>1</sup> / <sub>2</sub> , 3, 3 <sup>1</sup> / <sub>2</sub>  |
| <b>UnEqual Leg Zee:</b>   | <b>Depth</b><br>(inches)       | <b>Flange Width(s)</b><br>(inches)  | <b>Depth</b><br>(inches)       | <b>Flange Width(s)</b><br>(inches)  |
|   | 4                              | 2 <sup>1</sup> / <sub>8</sub> & 2 <sup>3</sup> / <sub>8</sub>   | 6                              | 2 <sup>1</sup> / <sub>8</sub> & 2 <sup>3</sup> / <sub>8</sub>   |
|   | 8                              | 2 <sup>1</sup> / <sub>8</sub> & 2 <sup>3</sup> / <sub>8</sub> , 3 <sup>1</sup> / <sub>8</sub> & 3 <sup>3</sup> / <sub>8</sub>   | 9                              | 2 <sup>5</sup> / <sub>8</sub> & 2 <sup>7</sup> / <sub>8</sub> , 3 <sup>1</sup> / <sub>8</sub> & 3 <sup>3</sup> / <sub>8</sub>   |
|   | 10                             | 2 <sup>1</sup> / <sub>8</sub> & 2 <sup>3</sup> / <sub>8</sub> , 2 <sup>5</sup> / <sub>8</sub> & 2 <sup>7</sup> / <sub>8</sub> , 3 <sup>1</sup> / <sub>8</sub> & 3 <sup>3</sup> / <sub>8</sub> , 3 <sup>5</sup> / <sub>8</sub> & 3 <sup>7</sup> / <sub>8</sub> | 12                             | 2 <sup>1</sup> / <sub>8</sub> & 2 <sup>3</sup> / <sub>8</sub> , 2 <sup>5</sup> / <sub>8</sub> & 2 <sup>7</sup> / <sub>8</sub> , 3 <sup>1</sup> / <sub>8</sub> & 3 <sup>3</sup> / <sub>8</sub> |
| <b>Cee:</b>   | <b>Depth</b><br>(inches)       | <b>Flange Width(s)</b><br>(inches)  | <b>Depth</b><br>(inches)       | <b>Flange Width(s)</b><br>(inches)  |
|   | 4                              | 2 <sup>1</sup> / <sub>2</sub> , 3 <sup>1</sup> / <sub>2</sub>   | 6                              | 2 <sup>1</sup> / <sub>2</sub> , 4   |
|   | 8                              | 2 <sup>1</sup> / <sub>2</sub> , 3 <sup>1</sup> / <sub>2</sub> , 4   | 9                              | 3, 3 <sup>1</sup> / <sub>2</sub>  |
|   | 10                             | 2 <sup>1</sup> / <sub>2</sub> , 3, 3 <sup>1</sup> / <sub>2</sub> , 4  | 12                             | 2 <sup>1</sup> / <sub>2</sub> , 3, 3 <sup>1</sup> / <sub>2</sub> , 4  |
| <b>Channel:</b>   | <b>Depth</b><br>(inches)       | <b>Flange Width(s)</b><br>(inches)  | <b>Depth</b><br>(inches)       | <b>Flange Width(s)</b><br>(inches)  |
|   | 4 <sup>1</sup> / <sub>8</sub>  | 3   | 6 <sup>1</sup> / <sub>8</sub>  | 3   |
|   | 8 <sup>1</sup> / <sub>8</sub>  | 2, 3, 4   | 9 <sup>1</sup> / <sub>8</sub>  | 2 <sup>1</sup> / <sub>2</sub> , 3 <sup>1</sup> / <sub>2</sub> , 4   |
|   | 10 <sup>1</sup> / <sub>8</sub> | 2, 3, 3 <sup>1</sup> / <sub>2</sub> , 4   | 12 <sup>1</sup> / <sub>8</sub> | 2, 3 <sup>1</sup> / <sub>2</sub> , 4  |
| <b>Eave Strut:</b>  | <b>Depth</b><br>(inches)       | <b>Flange Width(s)</b><br>(inches)  | <b>Depth</b><br>(inches)       | <b>Flange Width(s)</b><br>(inches)  |
|   | 6                              | 3 <sup>1</sup> / <sub>2</sub>   | 8                              | 2 <sup>1</sup> / <sub>2</sub> , 3 <sup>1</sup> / <sub>2</sub> , 5   |
|   | 9                              | 3 <sup>1</sup> / <sub>2</sub> , 4   | 10                             | 4   |
|   | 12                             | 3 <sup>1</sup> / <sub>2</sub>   |                                |   |
| Styles include: Low Eave - Single Slope, Low Eave - Double Slope,<br>High Eave - Single Slope, High Eave - Double Slope and Universal |                                |   |                                |   |
| <b>Angle:</b>   | <b>Leg 1</b><br>(inches)       | <b>Leg 2</b><br>(inches)  | <b>Leg 1</b><br>(inches)       | <b>Leg 2</b><br>(inches)  |
|   | 2                              | 2   | 3                              | 2, 3  |
|   | 4                              | 2   | 6                              | 4   |
| <b>Hip / Valley Plates:</b>   | <b>Leg 1</b><br>(inches)       | <b>Leg 2</b><br>(inches)  | <b>Leg 1</b><br>(inches)       | <b>Leg 2</b><br>(inches)  |
|   | 7                              | 7   | 9 <sup>1</sup> / <sub>2</sub>  | 9 <sup>1</sup> / <sub>2</sub>   |
|   | 10                             | 10  |                                |   |

Note: Not all shapes and sizes are available at all branches.

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