



All Plate Holes shall be drilled. All Plate Cuts shall preferably be Saw Cuts; Flame Cutting will be permitted, provided all Edges are ground.

TENSION FUSE PLATE      BACK PLATE  
(See Table for Dimensions).

| BACK PLATE AND TENSION FUSE PLATE DATA |                              |        |        |        |        |        |        |         |                |                |                |           |             |
|--|------------------------------|--------|--------|--------|--------|--------|--------|---------|----------------|----------------|----------------|-----------|-------------|
| Post Size                              | Dimension for New Post sizes |        |        |        |        |        |        |         |                |                |                |           |             |
|  | F                            | G      | H      | J      | K      | L      | M      | N       | d <sub>1</sub> | d <sub>2</sub> | t <sub>3</sub> | Bolt Dia. | Bolt Length |
| W6x9<br>W6x12                          | 4 3/4"                       | 2 1/2" | 1 1/8" | 4"     | 2 1/4" | 7/8"   | 1"     | 1/2"    | 9/16"          | 3/4"           | 1/4"           | 1/2"      | 1 1/2"      |
| W6x18                                  | 5"                           | 2 1/2" | 1 1/4" | 5 1/4" | 2 3/4" | 1 1/4" | 1 1/4" | 3/4"    | 1 1/16"        | 1 1/16"        | 3/8"           | 5/8"      | 1 7/8"      |
| W10x22                                 | 5 1/2"                       | 2 1/2" | 1 1/2" | 5 3/4" | 2 3/4" | 1 1/2" | 1 3/8" | 1 1/16" | 1 1/16"        | 1 1/8"         | 1/2"           | 3/4"      | 2 1/8"      |
| W12x26                                 | 5 1/2"                       | 2 1/2" | 1 1/2" | 6 1/2" | 3 1/2" | 1 1/2" | 1 5/8" | 1 1/16" | 1 1/16"        | 1 1/16"        | 1/2"           | 3/4"      | 2 1/8"      |

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| DESIGN APPROVED<br><i>Roger L. Hatten</i> 12/12/90 | STATE OF ARIZONA<br>DEPARTMENT OF TRANSPORTATION<br>DIVISION OF HIGHWAYS<br>STANDARD DRAWINGS | 6-74 REV.<br>7-74 12-85<br>8-74 5-86<br>9-78 12-90<br>4-79 |
| APPROVED FOR DISTRIBUTION<br><i>August Hatten</i>  | W SHAPE<br>TENSION FUSE PLATE & HINGE<br>DETAILS  | DRAWING NO.<br>4-S-4.03                                    |