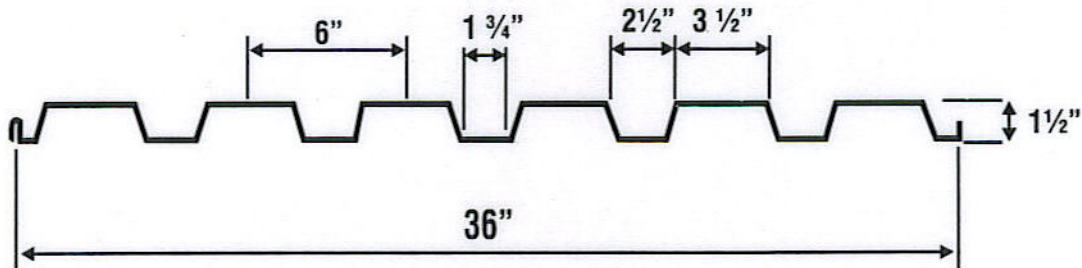


WESTERN DECK & STEEL ERECTION, INC.  
D.B.A.  
**WESTERN METAL DECK**

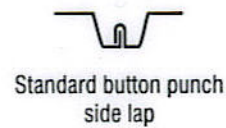
616 S. Oaks Ave. • Ontario, CA 91762 • (909) 467-2016

## Type HSB-36

### High Shear B Deck-36" Wide



| Gage | Weight (Lbs./Sq. Ft.) |            | I                  | +S                 | -S                 |
|------|-----------------------|------------|--------------------|--------------------|--------------------|
|      | Prime Painted         | Galvanized | (In <sup>4</sup> ) | (In <sup>3</sup> ) | (In <sup>3</sup> ) |
| 22   | 1.8                   | 1.9        | .175               | .187               | .198               |
| 20   | 2.2                   | 2.3        | .216               | .235               | .248               |
| 18   | 2.8                   | 2.9        | .302               | .322               | .335               |
| 16   | 3.4                   | 3.5        | .377               | .411               | .417               |



#### VERTICAL LOADS (Lbs./Sq. Ft.) HSB-36

**G-60  
GALVANIZED**

|                     | Gage |   | Span  |       |       |       |       |       |       |       |       |       |        |
|---------------------|------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|                     |      |   | 5'-0" | 5'-6" | 6'-0" | 6'-6" | 7'-0" | 7'-6" | 8'-0" | 8'-6" | 9'-0" | 9'-6" | 10'-0" |
| Simple Span         | 22   | S | 114   | 94    | 79    | 67    | 58    | 51    | 44    | 39    |       |       |        |
|                     |      | Δ | 92    | 69    | 53    | 42    | 34    | 27    | 22    | 19    |       |       |        |
|                     | 20   | S | 143   | 118   | 99    | 85    | 73    | 64    | 56    | 49    | 44    |       |        |
|                     |      | Δ | 113   | 85    | 66    | 52    | 41    | 34    | 28    | 23    | 19    |       |        |
|                     | 18   | S | 196   | 162   | 136   | 116   | 100   | 87    | 76    | 68    | 60    | 54    | 49     |
|                     |      | Δ | 159   | 119   | 92    | 72    | 58    | 47    | 39    | 32    | 27    | 23    | 20     |
|                     | 16   | S | 250   | 207   | 174   | 148   | 127   | 111   | 98    | 86    | 77    | 69    | 62     |
|                     |      | Δ | 198   | 149   | 115   | 90    | 72    | 59    | 48    | 40    | 34    | 29    | 25     |
| Two Spans           | 22   | S | 120   | 99    | 84    | 71    | 61    | 54    | 47    | 42    | 37    |       |        |
|                     |      | Δ | -     | -     | -     | -     | -     | -     | -     | -     | -     |       |        |
|                     | 20   | S | 151   | 125   | 105   | 89    | 77    | 67    | 59    | 52    | 47    | 42    | 38     |
|                     |      | Δ | -     | -     | 100   | -     | -     | -     | -     | -     | 47    | 40    | 34     |
|                     | 18   | S | 204   | 168   | 141   | 121   | 104   | 91    | 80    | 70    | 63    | 56    | 51     |
|                     |      | Δ | -     | -     | -     | -     | -     | -     | -     | -     | -     | 56    | 48     |
|                     | 16   | S | 254   | 210   | 176   | 150   | 129   | 113   | 99    | 88    | 78    | 70    | 63     |
|                     |      | Δ | -     | -     | -     | -     | -     | -     | -     | -     | -     | 70    | 60     |
| Three or More Spans | 22   | S | 150   | 124   | 105   | 89    | 77    | 67    | 59    | 52    | 46    |       |        |
|                     |      | Δ | -     | -     | 100   | 79    | 63    | 51    | 42    | 35    | 30    |       |        |
|                     | 20   | S | 188   | 156   | 131   | 112   | 96    | 84    | 74    | 65    | 58    | 52    | 47     |
|                     |      | Δ | -     | -     | 124   | 97    | 78    | 63    | 52    | 44    | 37    | 31    | 27     |
|                     | 18   | S | 255   | 210   | 177   | 151   | 130   | 113   | 99    | 88    | 79    | 71    | 64     |
|                     |      | Δ | -     | -     | 173   | 136   | 109   | 89    | 73    | 61    | 51    | 44    | 37     |
|                     | 16   | S | 317   | 262   | 220   | 188   | 162   | 141   | 124   | 110   | 98    | 88    | 79     |
|                     |      | Δ | -     | -     | 216   | 170   | 136   | 111   | 91    | 76    | 64    | 54    | 47     |