**BENDING DIAGRAMS**

<table>
<thead>
<tr>
<th>MARK</th>
<th>TYPE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>501</td>
<td>2</td>
<td>2-1/2&quot;</td>
<td>7/8&quot;</td>
<td>3/4&quot;</td>
<td>1-1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>502</td>
<td>3</td>
<td>3-1/4&quot;</td>
<td>1-3/4&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4065</td>
<td>4</td>
<td>4&quot;</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

- * MARKS SHALL BE EPOXY-COATED

- BAR SIZE IS INDICATED IN THE BAR MARK. THE FIRST DIGIT INDICATES THE BAR SIZE AND THE FOLLOWING DigitS ITS SEQUENCE NUMBER. ALL STEEL SHALL BE BLACK UNLESS OTHERWISE SHOWN.

- ALL REINFORCING STEEL MAY BE REPLACED WITH EQUIVALENT EPAH.

**SECTION PROPERTIES**

<table>
<thead>
<tr>
<th>SECTION</th>
<th>AREA (in²)</th>
<th>WEIGHT (lbs/ft)</th>
<th>T (in)</th>
<th>TW (in)</th>
<th>L (in)</th>
<th>D (in)</th>
<th>T (in)</th>
<th>ST (in)</th>
<th>VOLUME (cu ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WF 66-49</td>
<td>942.7</td>
<td>358</td>
<td>18.7</td>
<td>11.8</td>
<td>145.5</td>
<td>195.6</td>
<td>12.4</td>
<td>3.5</td>
<td>0.009</td>
</tr>
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<td>942.7</td>
<td>358</td>
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**SHEET 3 NOTES AND LEGEND**

<table>
<thead>
<tr>
<th>NOTE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1D</td>
<td>ONE CONDITIONAL BAR FROM THE BOTTOM MATT OF DECK REINFORCING SHALL BE PLACED UNDER EACH 20L-H BAR. THIS BAR IS INCLUDED IN PAYMENT WITH THE DECK REINFORCING STEEL AND SHALL BE SHOWN.</td>
</tr>
</tbody>
</table>
ANCHORAGE ZONE REINFORCING STEEL
STRANDS NOT SHOWN FOR CLARITY

SECTION A-A
If utilized in Wc orders, these strands shall be deleted.
401 bars not shown for clarity

SECTION B-B
If utilized in Wf orders, these strands shall be deleted.
401 bars not shown for clarity

SECTION C-C
If utilized in Wf orders, these strands shall be deleted.
401 bars not shown for clarity

SHIPPING HOLES (6)
(6) FOR 65", 65" & 72" BEAMS
401 BARS NOT SHOWN FOR CLARITY

SEALING OF FASCIA BEAMS
APPLIES TO MODIFIED Wf AND Wf ORders ONLY

TOP FLANGE FINISHING
APPLIES TO MODIFIED Wf AND Wf ORDERS ONLY

ANCHORAGE ZONE REINFORCING STEEL
STRANDS NOT SHOWN FOR CLARITY

E.F. - EACH FACE
Steel load plates: All laminated elastomeric bearings shall include a 3/8" channel load plate. A load plate shall be detailed where the rotational capacity of a bearing is exceeded under any loading condition. The manufacturer shall install an embedded sole plate to allow for field installation of the bearing. During field welding, control the temperature at the elastomeric bonding surface to a maximum of 400°F as determined by the use of pyrometer sticks or other temperature monitoring devices.

Plan for skew angles ≤ 10°

Plan for skew angles > 10°
EXPANSION ABUTMENT PARTIAL PLAN

EXPANSION JOINT END DIAPHRAGM

FOR USE WITH EXHJ-O6

BEARING ORIENTATION AT ABUTMENTS

APPLIES TO EXPANSION JOINT AND SEMI-INTEGRAL ABUTMENTS

SHEET 6 NOTES AND LEGEND

ALL VERTICAL BARS SHALL BE PLACED PARALLEL TO BEAMS.
10 - DIAPHRAGM CONCRETE TO FOLLOW THE OUTSIDE EDGE OF EXTERIOR CURBER
02 - SEE STANDARD DRAWING EXHJ-O6 FOR DIMENSION DEFINITION.
10 - FOR BEAM SPACINGS EXCEEDING 3'-0", USE 4-"B" BARS.
10 - DISTANCE SHALL BE MEASURED FROM THE LARGER OF THE TOP OR BOTTOM FLANGE WIDTH.
10 - THIS DIMENSION IS MEASURED FROM THE VERTICAL FACE OF THE END DIAPHRAGM TO THE NEAREST POINT ON THE END OF THE BEAM.
10 - MEASURED TO STEEL LOAD PLATE
10 - TOP FLANGE MAY BE CLIPPED A MAXIMUM OF 6".
N = LARGER OF £ 6" + 3\(\sqrt{2}\) IN X 3\(\sqrt{2}\) COS 90°
* = LARGER OF THE TOP OR BOTTOM FLANGE WIDTH, ACCOUNTING FOR ANY CLIP.
T = THICKNESS OF WEB