EXPAND-O-FLASH; SHINGLED ROOF (STYLE EJ)

18" WIDE ICE & WATER SHIELD FLASHING STRIPS, TYP. @ EACH EXPANSION JOINT FLANGE.

FASTEN EXPANSION JOINT FLANGES TO WOOD DECK W/ ROOF NAIL @ 2" - 4" O.C.

EXPAND-O-FLASH (STYLE EJ) ELASTOMERIC BELLOWS, CLOSED CELL FOAM BACKER AND INTEGRAL 4" WIDE METAL FLANGE TYPICALS

HOLD BACK SHINGLES 1" (MIN.) FROM EXPANSION JOINT BELLOW.

41/2 ROOF SLOPE (MIN)

ROOF SHINGLES, TYP. BY OTHERS.

WOOD ROOF DECK, BY OTHERS.

TYPICAL SHINGLE UNDERLayment, BY OTHERS.

(OPTIONAL) ICE & WATER SHIELD FLASHING. PROVIDE 6" (MIN.) COVERAGE ON TO ROOF DECK. (TOTAL FLASHING LENGTH = 12" + EXPANSION JOINT BELLOW)

NOTE: INSTALL SHINGLE UNDERLaymentS (INCLUDING ICE & WATER SHIELD) IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATION AND LOCAL BUILDING CODE.

BELLOWS WIDTH SELECTION TABLE

<table>
<thead>
<tr>
<th>JOINT WIDTH RANGES</th>
<th>BELLOWS SIZE (IN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; - 21/4&quot;</td>
<td>4&quot;</td>
</tr>
<tr>
<td>21/4&quot; - 4&quot;</td>
<td>6&quot;</td>
</tr>
<tr>
<td>41/4&quot; - 51/2&quot;</td>
<td>8&quot;</td>
</tr>
<tr>
<td>51/2&quot; - 61/2&quot;</td>
<td>10&quot;</td>
</tr>
<tr>
<td>61/2&quot; - 8&quot;</td>
<td>12&quot;</td>
</tr>
</tbody>
</table>

CHART NOTES:

- BELLOWS WIDTH SELECTION TABLE IS BASED ON 50% JOINT MOVEMENT. CONTACT EXPAND-O-FLASH TECHNICAL SERVICE AT 800-445-1500 FOR BELLOWS SELECTION REQUIRING GREATER THAN 50% JOINT MOVEMENT.

- BELLOWS SIZES LISTED ARE JOHNS MANVILLE STANDARD SIZES.

- LARGER BELLOWS SIZES ARE AVAILABLE AS A CUSTOM ORDER.

NOTES:

- FOR ADDITIONAL APPLICATION INFORMATION OR TECHNICAL SERVICE PLEASE CONTACT OUR EXPAND-O-FLASH TECHNICAL SERVICE AT 800-445-1500

- THIS DRAWING IS FOR REPRESENTATION PURPOSES ONLY. CONSULT EXPAND-O-FLASH TECHNICAL SERVICE FOR DEVIATIONS FROM THE ABOVE DETAIL

- FACTORY FABRICATED TRANSITIONS, MITERS AND INTERSECTIONS ARE AVAILABLE. PLEASE CONTACT EXPAND-O-FLASH TECHNICAL SERVICE FOR ADDITIONAL INFORMATION.

- CONTACT JM EXPAND-O-FLASH TECHNICAL SERVICE FOR INSTALLATION INSTRUCTIONS.

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