1. Maximum drainage area when utilizing riser is 100 acres.
2. Dam height behind riser is 15 feet or less from top of dam to low point of downstream toe.
3. May or may not be "flashboard" riser.

<table>
<thead>
<tr>
<th>Fill Height</th>
<th>Minimum Top Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 10 ft</td>
<td>8.0 ft</td>
</tr>
<tr>
<td>10 ft to 15 ft</td>
<td>10.00 ft</td>
</tr>
</tbody>
</table>

Design Notes:
- Trash Guard
- Gravel fill for riser access
- Compacted earthen dam
- Anti-seep collar

Cross sectional View

See N.C. DEQ Erosion and Sediment Control Planning and Design Manual for conditions where practice applies; planning consideration & design criteria.