### TIMBER BARRIER ON POST

<table>
<thead>
<tr>
<th>TYPICAL ID</th>
<th>SECTION TYPE</th>
<th>POST</th>
<th>RAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBP-1</td>
<td></td>
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</tr>
</tbody>
</table>

#### Notes:
1. Pre-drill holes for fasteners to prevent splitting of logs or sawn timbers.
2. Compact backfill in 6 inch lifts until no visual displacement.
3. Field treat all field cuts and pre-drilled holes.
4. All hardware shall be galvanized or stainless steel.

#### Table: Preservative Treatment

<table>
<thead>
<tr>
<th>Preservative Type</th>
<th>Treatment Type</th>
<th>Use Category</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1</td>
<td>WB</td>
<td>UC4A</td>
<td></td>
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<tr>
<td>P2</td>
<td>WB</td>
<td>UC3B</td>
<td></td>
</tr>
</tbody>
</table>

#### Diagram:

**A: Single Guardrail Section**

- 6 Inch Dia. Minimum Post
- 3 X 12 Minimum Rail
- 4 X 6 Minimum Sawn Timber
- 4 Foot Maximum
- 2 3/4 Inch (Typ)
- 2 Inch (Typ)
- 6 Inch Overhang When Specified
- Backfill with Suitable Material
- 4 Inch Minimum Embedment Depth
- 29 Inches (Typ)
- 24 Inch Minimum Tread
- 1/2-Inch Carriage Bolt with Washer and Nut (Typ)
- Height 29 Inches (Typ)

**B: Continuous Guardrail Section**

- 3 X 12 Minimum Sawn Timber
- 4 Foot Maximum (Typ)
- 2 3/4 Inch (Typ)
- 2 Inch (Typ)
- Backfill with Suitable Material

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**U.S. DEPARTMENT OF AGRICULTURE**
**FOREST SERVICE**
**STANDARD TRAIL PLAN**
**933 - SIDE BARRIERS**
**NO SCALE**

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**DRAWING NO.**
**TRP-04-30**

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**DRAWING DATE**
**XX/XX/XX**

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**DRAWING NAME**
**TIMBER BARRIER ON POST**

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**DRAWING SCALE**
**NO SCALE**

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**DRAWING SHEET**
**TRP-04-30**

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**REVISED DATE**
**XX/XX/XX**

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**REVISION**
**NO SCALE**

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**DATE**
**NO SCALE**

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**SIGNATURE**
**NO SCALE**

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**SCRIPT**
**NO SCALE**

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