## BARRIER RAIL ON POST

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### Typical Log Barrier Section
- **Clear Width**
- **4 Inch Minimum**
- **8 Inch Dia. Minimum**
- **Barrier Post shall be the same dia. as the rail. Post shall be serrated and notched to meet rail.**
- **Width Trailered 16 to 18 Inches**

### Typical Timber Barrier Section
- **Clear Width**
- **4 Inch Minimum**
- **8 x 8 Inch Minimum (Nominal)**
- **Barrier Post shall be the same dimension as barrier rail.**
- **Width Trailered 16 to 18 Inches**

### Preservative Treatment
- **Refer to AWWA Use Category System**

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### Notes:
1. Pre-drill holes for fasteners to prevent splitting of logs or sawn timbers.
2. Rebar length shall be 0.5x the depth of the rail with a minimum of 18 inches long.
3. Compact and backfill post holes in 6-inch lifts until no visual displacement.
4. Field treat all field cuts and pre-drilled holes.
5. Clear width is greater or equal to the tread and shoulder widths defined in Section 911.

### Control Section
- **Elevation View**
- **29 Inches Height (Typ.)**
- **36 Inches Minimum Embedment Depth**
- **72 Inch Maximum**

### Recessed Rebar Detail
- **Drill 9/16 Dia. Hole for No. 5 Rebar in Post and Rail. Recess 1/2 Inch from top of barrier.**

### Embedded Rebar Detail
- **Drill 9/16 Dia. Hole for 5/8 Dia. Carriage Bolt in Post and Rail.**