**Wire Fence Type and Post Spacing Requirements**

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<th>Combination Woven/Wire &amp; Barbed Wire</th>
<th>Barbed Wire</th>
<th>Woven Wire</th>
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<td>FENCE TYPE</td>
<td>TYPE A</td>
<td>TYPE B</td>
<td>TYPE C</td>
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**Notes**
- Indicates which wires require a fence clip, tie wire or staple attachment to the post.
- Indicate barbed wire.
- Smooth indicates twisted barbed wire.

**Configuration**
- Indicates which wires require a fence clip, tie wire or staple attachment to the post.
- Indicate barbed wire.
- Smooth indicates twisted barbed wire.

**Notes**
1. Temporary fence run 200 feet (61 m) or less do not require brace panels for fence terminations unless determined by the engineer they are needed for fence stability.
2. Barbed Fence should only be specified for medians, not for right-of-way fence.

**Woven Attachment to Wood Posts & Wood Stays (Enlarged Details)**
Attach wire tie to wood posts, wood stays and gate stays with 3/8" x 9 gauge [6 x 3.6 mm] galvanized barbed staples.

**Wood and Plastic Line Posts**
Attach wire to wood posts with fence staples. Attach wire to plastic posts with clips approved by the engineer per specifications.

**Diagram**
- Plastic Post 4" [100] Dia.
- Wood Post 5" [127] Dia. Min.
- Post Length
- Line Post Detail
- Permissible Modifications for Driven Posts
- Standard T-Post
- Alternate Post
- Wire Attachment to Wood Posts & Wood Stays (Enlarged Details)
- Metal Line Posts

**Wire Spacing and Line Post Details**
Note: Unless shown in brackets [ ], measurements are in millimeters (mm) unless otherwise shown.
NOTE

1. CROSS BRACES
   Provide wood cross braces that have a minimum diameter of 4 inches [100]. Install top of cross brace flush with top wire.

2. BRACE AND DEADMAN TIE WIRE
   Staple brace and tie wire with a minimum of three staples to each wood post and/or deadman. Twist tie wire together to form a tight composite brace and/or anchor wire.

3. BRACE AND END POSTS
   Provide wood brace and end posts as shown.

END PANEL TYPE I

END PANEL TYPE II

END PANEL TYPE III

WRAP WIRE AROUND POST AND TWIST SO WIRE IS TIGHT. STAPLE TO THREE SIDES OF EACH POST.

SECTION A-A
9 GAUGE [3.0 MM] WIRE

OPTION A

FOUR 1/8-IN [6.4 MM] GALVANIZED SMOOTH WIRE

WRAP A WIRE AROUND POST AND TWIST SO WIRE IS TIGHT. STAPLE TO THREE SIDES OF EACH POST.

SECTION B-B
12 1/4 GAUGE [1.0 MM] WIRE

OPTION B

WRAP A WIRE AROUND POST AND TWIST SO WIRE IS TIGHT. STAPLE TO THREE SIDES OF EACH POST.

WRAP 4 WIRE AROUND POST AND TWIST SO WIRE IS TIGHT. STAPLE TO THREE SIDES OF EACH POST.

SECTION C-C

12 1/4 GAUGE [1.0 MM] GALVANIZED SMOOTH WIRE

TYPICAL CORNER INSTALLATION -
2 END PANEL PAY UNITS

TERMINATING FENCE WIRE AT END & BRACE POSTS

WIRE FENCE

STANDARD PLAN

END & BRACE PANEL DETAILS

Note: Units shown in brackets [ ] are metric and are in millimeters [mm] unless other units are shown.

WYOMING DEPARTMENT OF TRANSPORTATION
**WIRE GATES**

1. **Gate Stick**
   - Provide wood gate sticks with a minimum cross section of either a rough dimension 2 in x 2 in (50 x 50), 1 1/2 in x 1 1/2 in (40 x 40) (nominal 2 in x 4 in, 60 x 100) or 2 1/2 in (65) diameter. Extend the stick 1 inch below the bottom strand of wire and 2 inches above the top strand of wire.

2. **Gate Hinge**
   - Staple to gate stick and to the end post. Use 3 per gate.

3. **Gate Chain**
   - Provide 3 foot (91.5) long galvanized chain where required with 1/4 inch (6) diameter welded links. Secure to end post by wiring or stapling.

4. **Gate Support**
   - Secures to the end post leaving a loop big enough to encompass a gate stick.

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**GALVANIZED STEEL GATE**

- **Top View**
- **Isometric View**
- **Side View**

**TYPICAL GATE TIGHTENER**

Shop paint gate tighteners. Use alternate tightening only when approved by the engineer. It will be the sole discretion of the engineer in determining whether alternate gate tighteners are of equivalent strength, functionally and durability.

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**WIRE GATES AND GALVANIZED STEEL GATES**

Note: Units shown in brackets [ ] are metric and are in millimeters (mm) unless other units are shown.