

**NATURAL RESOURCES CONSERVATION SERVICE**  
**Wyoming**  
**CONSTRUCTION SPECIFICATIONS**  
**FOR**  
**CORRAL FENCE, CABLE**

(Owner/Operator)	(Project Title)
<p><b>GENERAL</b></p> <p>Installation shall be in accordance with an approved plan. Details of construction shown on the drawings but not include herein are considered as part of these specifications. Construction activities shall be in accordance with applicable OSHA regulations.</p> <p>Prior to construction the fence lines shall be cleared of any possible obstruction that would hinder the fence placement and operation.</p> <p>The soil surface along the fence line shall be relatively smooth such that placement of the bottom fencing member does not exceed the maximum fence member to soil surface spacing specified.</p> <p>The fence materials shall have an expected life of 15 years with routine maintenance. All wood materials having contact with the soil shall be treated with an EPA-registered wood preservative. Wood posts shall be treated from the butt end of the post to at least one foot above the soil surface.</p> <p><b>MATERIALS</b></p> <p><u>Line Posts</u> - All wood line posts shall have a minimum top diameter of 6 inches. All metal line posts shall have a</p>	<p>minimum outside diameter (O D) of 3 inches. All posts shall be a minimum of 8 feet long. Metal posts shall be set a minimum of 3 feet into an 8-inch diameter minimum concrete fill. Wood posts shall be set to a minimum depth of 3 feet. The maximum post spacing is 8 feet for 6-inch diameter wood posts and 10 feet for 8-inch diameter posts. Longer spacing for posts shall be per design specific details noted on drawings for post size and embedment depth requirements.</p> <p><u>Top Rail</u> – A top rail shall be installed between the posts on all cable fences. Wood posts shall be tied together with a minimum 2 X 8-inch rail across the top; metal posts shall be tied together with a metal pipe of at least 2-inch outside diameter across the top.</p> <p><u>Gate and Corner Posts</u> - Wood posts shall have a minimum top diameter of 8 inches. Metal posts shall have a minimum outside diameter (O D) of 4 inches. All posts shall be a minimum of 8.5 feet long. Metal posts shall be set a minimum of 3.5 feet into a 12-inch diameter minimum concrete fill. Wood posts shall be set to a minimum depth of 3.5 feet.</p> <p><u>Cable</u> – Cable shall have a minimum diameter of ½ inches. The spacing between individual cables shall not</p>

WY-561-C

exceed 10 inches; the bottom cable shall be no more than 12 inches from the ground and the top cable shall be positioned not less than 52 inches above the ground.

Cable Fasteners – Cable may be placed through holes drilled through the posts (insert a sleeve to prevent fraying of cable) or fastened to the side of the post. Cable fasteners, clamps, tensioners, turnbuckles shall be of equivalent life expectancy as the rest of the fencing materials.

Wire Panel Fasteners – A minimum of 4 fasteners per post shall be used. Staples shall have a minimum length of 2 inches.

Guardrails – On interior corral fences where livestock will be on both sides of the fence, a guardrail may be placed on both sides of the fence panel. The guardrails may be of wood, metal pipe, or similar materials. Wood guard rails shall be of 2 X 8 inch lumber minimum; wood poles shall be at least 3 inch diameter at the small end; pipe shall be no less than 2 inch outside diameter and metal plate shall be at least 3/8 inch thickness and 6 inches wide.

#### ADDITIONAL SPECIFICATIONS