

NATURAL RESOURCES CONSERVATION SERVICE
Wyoming
CONSTRUCTION SPECIFICATIONS
FOR
LIVESTOCK CONTAINMENT FACILITY
WOOD PLANK OR RAIL

(Owner/Operator)

(Project Title)

GENERAL

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.

Prior to construction the fence lines shall be cleared of any possible obstruction that would hinder the fence placement and operation.

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.

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.

MATERIALS

Line Posts - All wood line posts shall have a minimum top diameter of 6 inches. All metal line posts shall have a minimum outside diameter (O D) of 2.625 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.

Gate and Corner Posts - Wood posts shall have a minimum top diameter of 8 inches. Metal posts shall have a minimum outside diameter (O D) of 3.5 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.

Wood Planks and Rails – All wood material shall be sound, new wood free from decay and disease damage, shall be straight, not cracked, and shall meet the requirements shown on the drawings. Nails and spikes shall be driven in wood with just sufficient force to set the heads flush with the surface of the wood. Bolt holes shall be drilled for snug fit. Holes for lag screws shall be bored with a bit not larger than the body of the screw at the base of the thread.

Guardrails – On interior corral fences where livestock will be on both sides of the fence, a guardrail may be placed on the side of the fence opposite of the wood planks or rails. 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.

