

SECTION 630 Property Fence and Right of Way Fence

630.1 Woven Wire Fence

Requirements for installation of woven wire fence are in [standard spec 616.3.2](#). Fence location should be checked before installation. Locating the fence line by survey may be necessary.

Staples for woven wire fencing should be at least 2 inches long, galvanized, and resin coated. Shorter staples will not give the resistance required to prevent pull-out. Non-galvanized (bright or polished) staples will not produce the long life required. Resin coating is important to prevent future pull-out.

Staples are to be driven in a position rotated 20-30 degrees off vertical and away from the flat face to prevent pull-out and fence sag. They are not to be driven in a vertical position. Rotation increases pull-out resistance by 40%. Attention should be paid as to the position of the flat face and the staple then rotated accordingly. Staples on line posts should be driven only to within about 1/4" of the post surface so the fence is free to move longitudinally.

The fence needs be grounded as specified in [standard spec 616.3.5](#).

630.2 Chain Link Fence

Only Type II, aluminum-coated steel, is allowed for fence fabric. Only Grade 1 steel posts, rails and gate frames are to be used. Specifications for installation are in [standard spec 616.3.3](#).

Fence location should be checked before installation. Locating the fence line by survey may be necessary. The portions of aluminum-coated posts to be set in concrete are to be coated with asphaltic or other approved material before setting to prevent corrosion by galvanic action.

The tops of the concrete footings must be struck off 6 inches below the top of ground and sloped away from the post. After curing for 24 hours, the footing must be backfilled. The top and bottom tension wires cannot be placed until the footing concrete has cured 7 days.

Chain link fence of the type specified in [standard spec 616](#) does not need to be grounded.