

Stretcher Bars. 1/4" x 3/4" inch flat bars, ASTM B 221, GS10A-T6 (6063-T6).

Top Rails. 1-1/4-inch schedule 40 pipe (O.D. 1.660 in, weight 0.786 lb/ft) with plain ends, ASTM B 241, GS10A-T6 (6063-T6).

Hog Ring Fasteners. 0.110-inch diameter wire, ASTM B 211, Clad GM 50A-H38 (Alclad 5056-H38).

Wire Fabric Ties. 0.148-inch diameter ASTM B 211, 990A-H18 (1100-H18).

Flat Band Fabric Ties. 1/2-inch wide x 0.060-thick strip, ASTM B 209, M1A-H14 (3003-H14).

Truss and Brace Rods. 3/8-inch diameter. ASTM B 211, GS11A-T6 (6061-T6).

Turnbuckles. Wrought parts, ASTM B 211, GS11A-T6 (6061-T6). Cast parts, ASTM B 108, SG70A-T6 (356-T6).

Expansion Sleeves. 1.695-inch I.D. by 0.078-inch wall drawn tube 6 inches long, self-centering type. ASTM B 210, M1A-H18 (3003-H18).

Rail and Brace Ends. Permanent mold castings, ASTM B 108, SG70A-T6 (356-T6). Sand castings, ASTM B 26, SG70A-T6 (356-T6). Die castings ASTM B 85 SG100B (360).

Brace Bands. 1/8- x 1-inch beveled edge bar, ASTM B 221, GS10A-T6 (6063-T6).

Bolts. Aluminum alloy bolts, ASTM B 211, CG42A-T4 (2024-T4). The finished bolts shall be given an anodic coating at least 0.0002 inch in thickness and chromate sealed.

Nuts. Aluminum alloy, ASTM B 211, GS11A-T6 (6061-T6).

Barbed Wire Extension Arms. Same alloys as rail and brace ends.

Barbed Wire for aluminum fence shall be two-strand No. 12 gage line wire with No. 14 gage 4-point barbs spaced approximately 4 inches apart, ASTM B 211, Clad GM50A-H38 (Alclad 5056-H38).

ERECTION

General

End Posts, Corner Posts, Intermediate Anchor Posts or Pull Posts and Gate Posts shall be placed at the locations and in the manner called for on the Plans and as specified hereinafter. They shall be placed in holes of the size specified, securely braced so that the side toward the highway is located the specified distance from the right-of-way lines as stated below for the pertinent type of fence. The hole shall then be filled with concrete without forms meeting the requirements of Sec. S-1.07 Class "E"