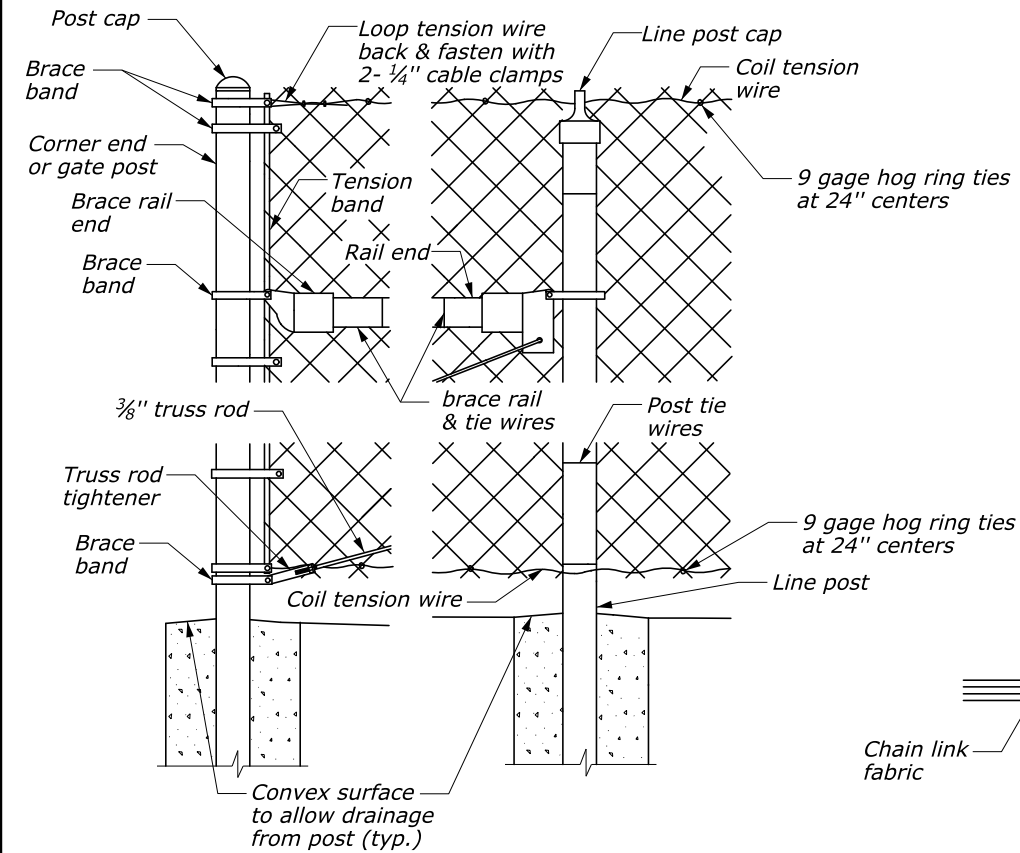


- NOTES:**
1. Metal post and rails shall conform to ASTM F 689.
 2. Use Type 1 requirements from chain link fence table unless otherwise specified in the special contract requirements.
 3. Set all post in concrete. Set corner, end, pull posts to the dimension shown. The minimum depth of concrete for line posts is 24". Increase depth 3" for each additional foot of fence height over 4 feet.
 4. Install braces on all terminals on fences without a top rail. No braces are required on fabric 6 feet in height or less where a top rail is specified. Install braces where fabric is over 6 feet in height. Where a top rail is used, attach the brace at the halfway point of the terminal post above grade and, where the rail is omitted, at the two-thirds point above grade. Do not install top rail unless so specified in the special contract requirements.
 5. Adjust the post top elevations to provide a smooth visual fence profile. Install corner posts at horizontal breaks in the fence of 15° or more.
 6. If alternate steel posts are used, provide fastening bands, caps, brace rail, rail ends, and truss rod attaching hardware compatible with the post sizes and styles selected.
 7. Provide fence fabric with a 2" mesh. Use 11 gage wire in fabric heights of 48 inches or less and 9 gage wire in fabric heights greater than 48 inches. Provide a Class D coating when zinc-coated steel fence fabric is provided. Knuckle both selvages on fabric less than 72 inches high. For fabric 72 inches high or higher, Knuckle one selvage and twist the other.
 8. See Detail E619-09, sheet 2 for hardware and gate requirements.

CHAIN LINK FENCE

DESCRIPTION		ROUND PIPE		HOT ROLLED SHAPE		ROLLED FORMED					
		Steel	Aluminum	Steel	Steel	Steel					
FENCE TYPE		Minimum yield strength Psi.									
		25,000	25,000	50,000	45,000	45,000					
		Size and mass									
		dia. inch	mass lbs/ft	dia. inch	mass lbs/ft	dia. inch	mass lbs/ft	dia. inch	mass lbs/ft		
Brace rail & top rail	Type 1	1.66	2.27	1.660	0.786	1.66	1.40	-----	-----	1 1/4 x 1 3/8	1.40
	Type 2	1.66	1.82	-----	-----	1.66	1.40	-----	-----	1 1/4 x 1 1/2	1.40
Line post	Type 1	2.375	3.65	2.375	1.264	2.375	3.12	2 1/4 x 1 45/64	3.26	2 1/4 x 1 1/2	2.70
	Type 2	2.375	2.96	-----	-----	2.375	2.31	-----	-----	1 7/8 x 1 1/2	2.76
End, corner & pull post	Type 1	2.875	5.79	2.875	2.004	2.875	4.64	-----	-----	3 1/2 x 3 1/2	5.10
	Type 2	2.875	4.69	-----	-----	2.875	3.25	-----	-----	3 1/2 x 3 1/2	5.10



CHAIN LINK DETAIL

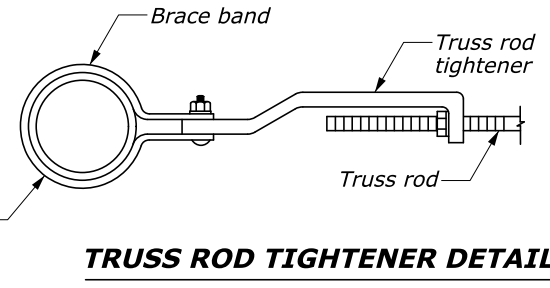
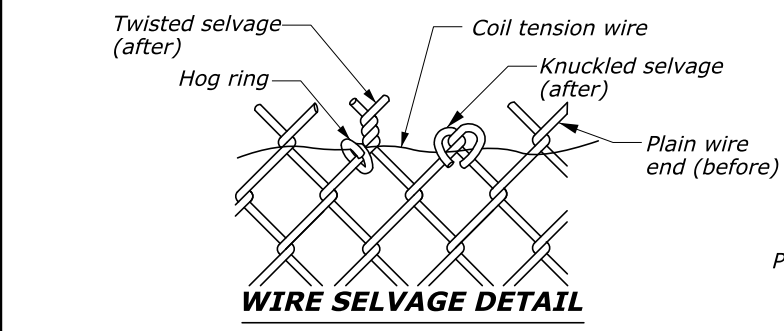
CHAIN LINK FENCE TIE DETAIL

END OR CORNER POST

LINE POST

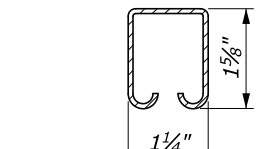
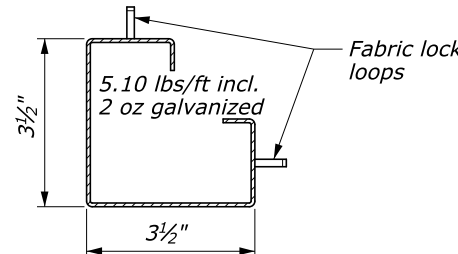
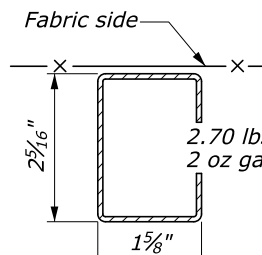
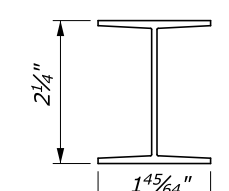
LINE POST

ALTERNATE STEEL POST & BRACE SECTIONS



2.08 kg/m incl. 2 oz galvanized

TOP & BRACE RAIL



NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY DETAIL

CHAIN LINK FENCE

Sheet 1 of 2

DETAIL APPROVED FOR USE

DETAIL

APPROVED: MAY 2011
 REVISED: SEPTEMBER 2014

E619-09