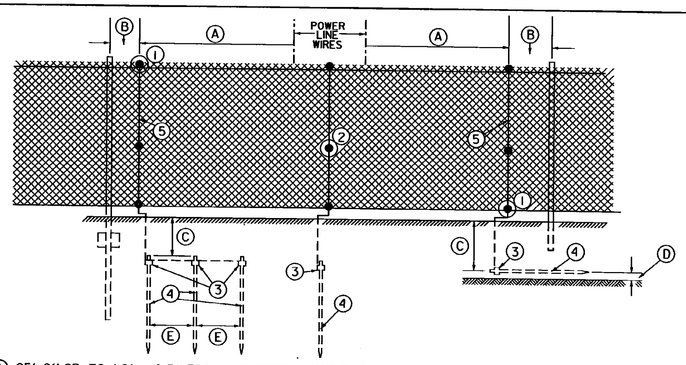
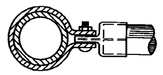
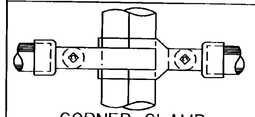


(A) 25'-0" OR TO 1.0' ± 0.5" FROM NEAREST FENCE POST (AT RIGHT ANGLE TO POWER LINE)
(B) MAXIMUM DISTANCE 1.0' (± 0.5")
(C) MINIMUM DISTANCE 1.0' (± 1.0")
(D) 2.0" (± 0.5")
(E) MINIMUM DISTANCE 6.0
(1) CONNECTOR, } SUITABLE FOR WIRE GAUGES UTILIZED AND
(2) CONNECTOR, } FOR DISSIMILAR METALS
(3) GROUND ROD CLAMP
(4) COPPER CLAD STEEL CORE GROUND ROD 5/8" x 8'-0"
(5) CONDUCTOR NO. 6 AWG COPPER SOFT DRAWN OR NO. 4 AWG ALUMINUM

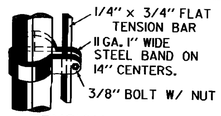
INSTALLATION METHOD OF PROTECTIVE GROUNDING AT POWER LINE CROSSINGS



END CLAMP

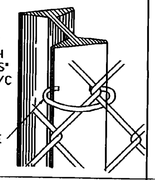


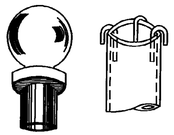
CORNER CLAMP
(ADJUSTABLE)



TENSION BAR BAND

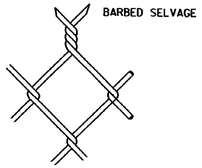
METHOD OF TIEING FABRIC TO POST WITH "FABRIC BANDS" SPACED 14" C/C



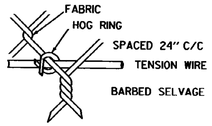


FOR END, CORNER, PULL AND GATE POSTS

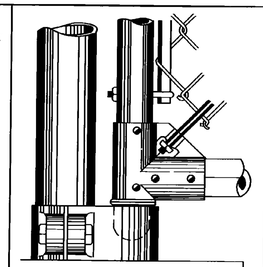
BALL TOP



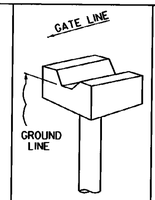
CHAIN LINK FABRIC
9 GAGE STEEL WIRE
2" MESH



HOG RING FASTENER

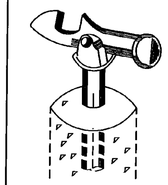


BOTTOM CORNER & HINGE FOR DRIVE GATE

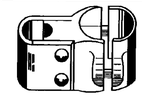


CENTER STOP FOR TWO PANEL GATES

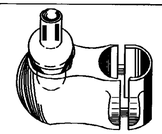
FORK LATCH



HOLDBACK TO HOLD A DRIVE GATE OPEN



TOP HINGE



WALK GATE BOTTOM HINGE

GENERAL NOTES (GALVANIZED OR ALUMINUM COATED FABRIC)

HEIGHT - AS NOTED ON PLANS

FABRIC - CHAIN LINK # 9 GAUGE WIRE, WOVEN IN A 2" OR 3 1/2" x 5 1/2" MESH, TOP AND BOTTOM SELVAGES TO BE BARBED. THE BOTTOM SELVAGES TO BE 6" ABOVE THE GROUND LINE, THE TOP SELVAGE TO BE 1" ABOVE THE TENSION WIRE.

LINE POSTS - 2" x 2 1/4" "H" COLUMN, WEIGHT 4.1 LBS. PER FOOT OR 2 3/8" O.D. PIPE, WEIGHT 3.65 LBS. PER FOOT OR APPROVED EQUAL FOR FENCE

TERMINAL POSTS - END, CORNER, AND PULL POSTS, SHALL BE 2 7/8 " O.D. PIPE, WEIGHT 5.79 LBS. PER FOOT FOR FENCE

POST SPACING - POSTS SHALL BE SPACED EQUIDISTANT ON A MAXIMUM OF 7'-6" CENTER TO CENTER EXCEPT GATE POSTS, WHICH SHALL BE SPACED ACCORDING TO THE REQUIRED GATE OPENING.

POST FOOTINGS - ALL POSTS SHALL BE SET TO A DEPTH OF 5'-0" IN A 10" DIAMETER CYLINDRICAL SHAPED HOLE 5'-8" DEEP, FILLED WITH CONCRETE.

ALL FITTINGS AND HARDWARE SHALL BE SHOWN ON THIS SHEET OR EQUAL.

THE EXPOSED SURFACE OF ALL TOPS OF FOOTINGS TO BE SLOPED TO SHED WATER AND PROVIDE A NEAT APPEARANCE WHEN COMPLETED.

FABRIC TIES - FABRIC TO BE FASTENED TO POSTS AND GATE FRAMES AS SHOWN.

TRUSS RODS - SHALL BE 3/8" DIAMETER DIAGONAL BARS WITH TURNBUCKLE.

BRACE RODS - SHALL BE 1 5/8" O.D. PIPE.

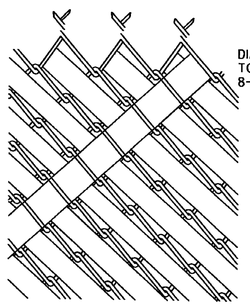
TENSION BARS - SHALL BE FLAT 1/4" x 3/4" BARS WITH SQUARE EDGES.

TENSION WIRE - SHALL BE # 9 GAUGE WIRE ATTACHED 1" BELOW TOP SELVAGE AND 2" ABOVE BOTTOM SELVAGE OF FABRIC BY MEANS OF HOG RINGS ON 12" CENTERS.

GATES - GATE FRAMES SHALL BE 1.90" O.D. PIPE ASSEMBLED BY WELDING, RIVETING OR BOLTING AND TO BE FURNISHED WITH ALL THE NECESSARY FITTINGS.

END SECTION ASSEMBLY - TO BE ERECTED ON A MAXIMUM OF 200 FEET CENTER TO CENTER.

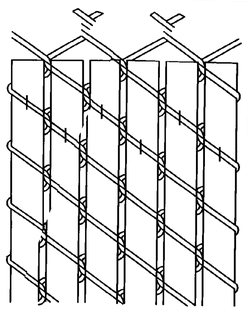
THE WEIGHT TOLERANCE IS 5 PER CENT ABOVE AND 5 PER CENT BELOW. THE TUBULAR SIZES ARE NOMINAL



DIAGONAL SUPPORT SLATES TO BE PLACED AT 8-SPACE INTERVALS

LATTICE BAKED ENAMEL FINISH .009 GAUGE (± .001 MIN.)
2" MESH, 9 GAUGE

CLASS 'A' FABRIC AND LATTICE



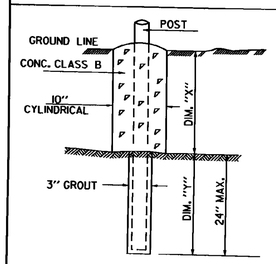
WOOD SLATS FASTENED WITH STAPLES

3/8 " x 2 1/2 " WOOD SLATS, PRESERVATIVE TREATED
3 1/2 " x 5 1/2 " MESH, 9 GAUGE

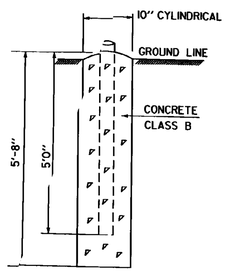
CLASS 'B' FABRIC & LATICE

WHERE FENCE LINE HAS A CHANGE IN DIRECTION OF 15 DEGREES OR MORE, CORNER POSTS WITH BRACING SHALL BE ERECTED WHERE ANGLE IN FENCE IS LESS THAN 15 DEGREES AND EXISTING CONDITIONS REQUIRE TERMINAL POSTS THEY SHALL BE ERECTED AS DIRECTED BY THE ENGINEER.

POSTS FOR SINGLE SWING GATE		
OPENING	POST SIZE	WGT/LF
OVER 6' TO 13'	4" O.D.	9.11 LBS

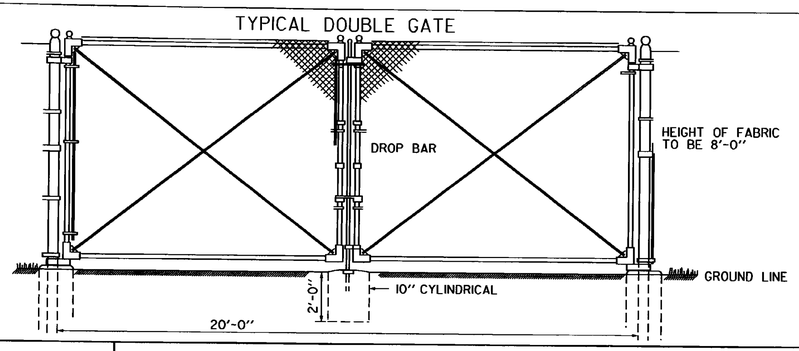


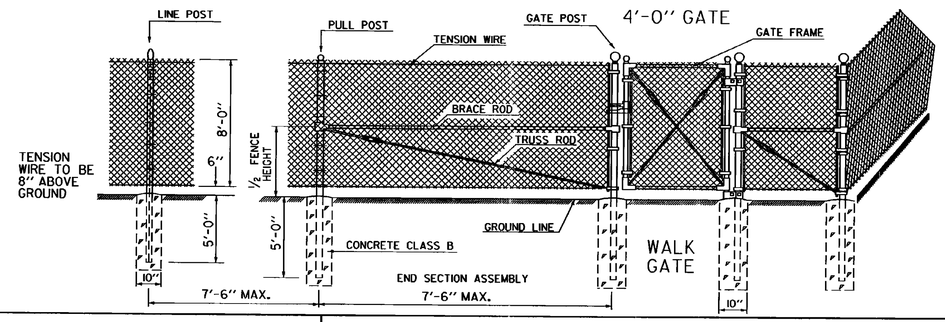
DIM. "Y" = 24" WHEN DIM. "X" VARIES BETWEEN 0" AND 24". WHEN DIM "X" EXCEEDS 24", DIM. "Y" DECREASES ACCORDINGLY



POST FOOTING

TYPICAL DOUBLE GATE





REVISIONS AND CORRECTIONS

FEB. 1, 1979 - CHANGE TOP RAIL TO TENSION WIRE

JUNE 1, 1994 - REISSUED, WITHOUT CHANGE, UNDER NEW SIGNATURES.

APPROVED

APPROVED FOR THIS PROJECT AND/OR DESIGN IMPLEMENTATION. FHWA FINAL APPROVAL PENDING.

DIRECTOR OF ENGINEERING

DESIGN ENGINEER

CHAIN LINK SCREENING FENCE (TYPE 1)
DRIVE GATE FOR CHAIN-LINK SCREENING FENCE (TYPE 1)
WALK GATE FOR CHAIN-LINK SCREENING FENCE (TYPE 1)
CHAIN-LINK SCREENING FENCE (TYPE II)
DRIVE GATE FOR CHAIN-LINK SCREENING FENCE (TYPE II)
WALK GATE FOR CHAIN-LINK SCREENING FENCE (TYPE II)

VERMONT AGENCY OF TRANSPORTATION

STANDARD F-6