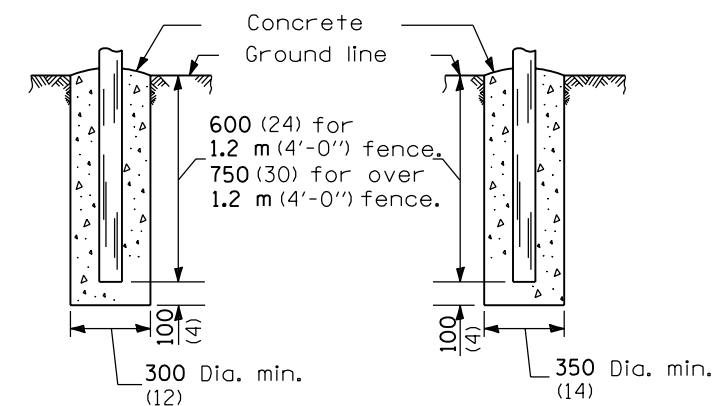


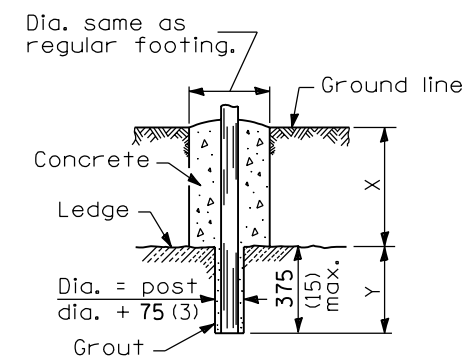
PEDESTRIAN GATE ARRANGEMENT

VEHICLE GATE ARRANGEMENT

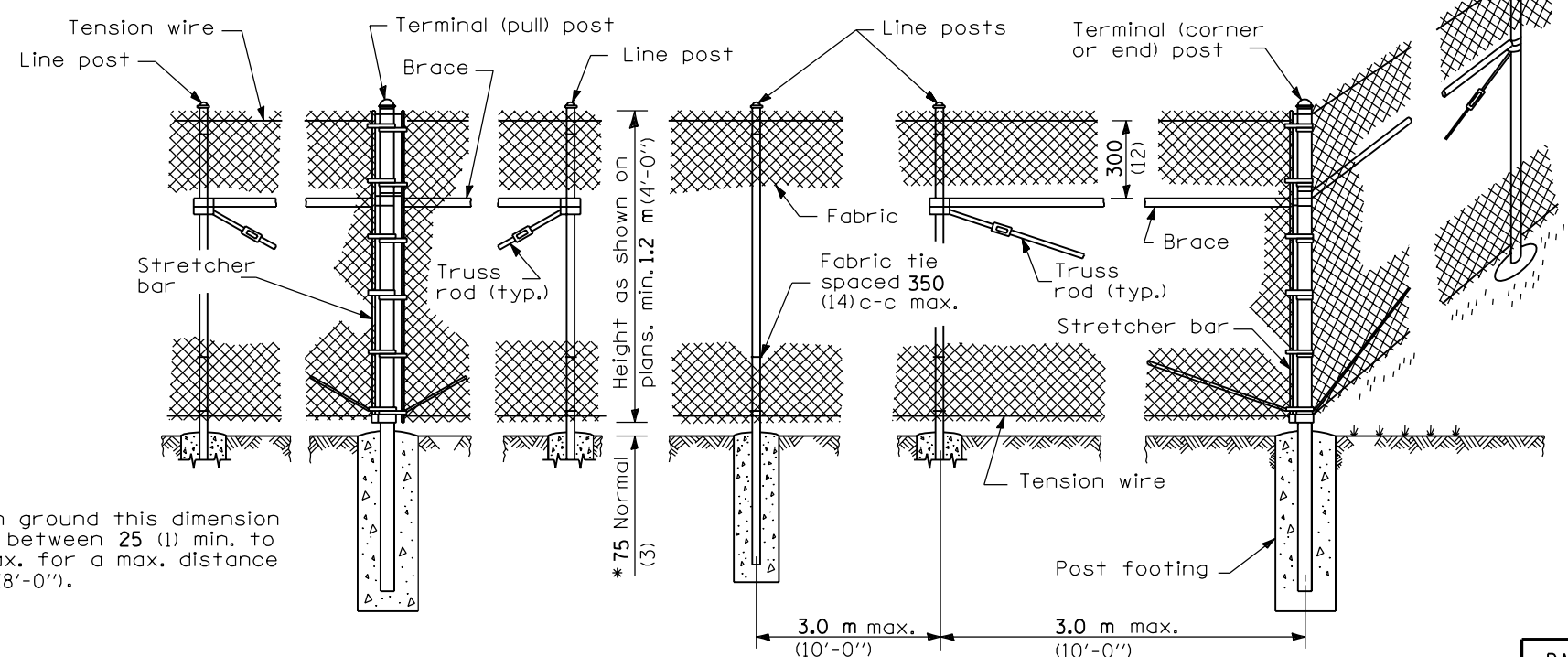


FOOTING FOR LINE POST

FOOTING FOR GATE & TERMINAL POST



FOOTING FOR POST IN ROCK LEDGE



PULL POST ARRANGEMENT

LINE POST ARRANGEMENT

CORNER OR END POST ARRANGEMENT

GENERAL NOTES

Pull posts shall be placed at locations determined by the Engineer. They shall be placed at 200 m (660') intervals between posts to which the ends of the fabric are clamped or midway between such posts when the distance is less than 400 m (1320') and greater than 200 m (660').

X + Y shall not exceed 600 mm (24"), 750 mm (30") or 900 mm (36"), as applicable. When X is 0 (0) to 225 mm (9"), 380 mm (15"), or 525 mm (21"), Y = 375 mm (15"), and the post shall be shortened as required. When X exceeds 225 mm (9"), 380 mm (15"), or 525 mm (21"), Y shall be decreased correspondingly.

All dimensions are in millimeters (inches) unless otherwise shown.

* On uneven ground this dimension may vary between 25 (1) min. to 125 (5) max. for a max. distance of 2.4 m (8'-0").

Illinois Department of Transportation

PASSED January 1, 1999
Charles Kallflesh
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 1999
Bill Swinley
 ENGINEER OF DESIGN AND ENVIRONMENT

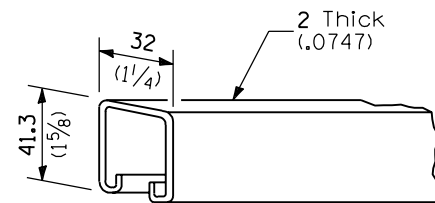
ISSUED 1-1-97

DATE	REVISIONS
1-1-99	Rev. "pans" to "plans" in LINE POST ARRANGEMENT.
1-1-97	Renum. Standard 2168-12.
	Rev. top and bottom selvage type.

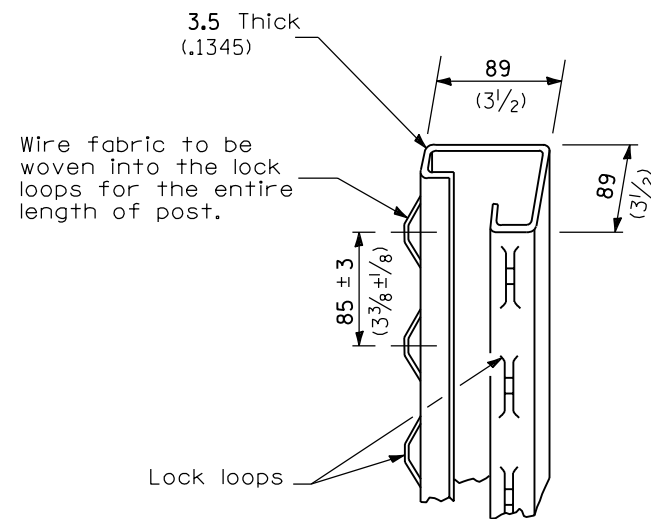
CHAIN LINK FENCE

(Sheet 1 of 3)

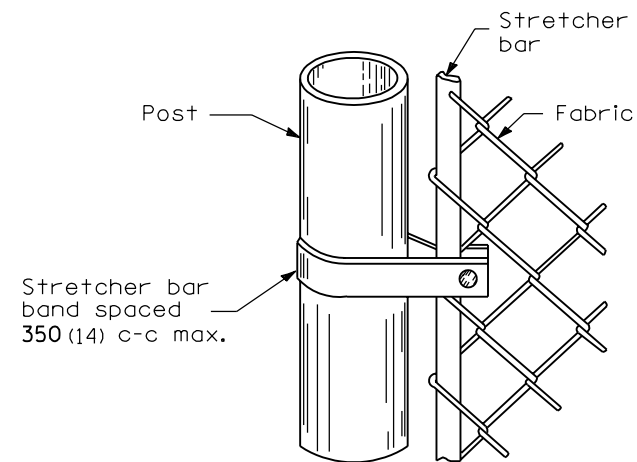
STANDARD 664001-01



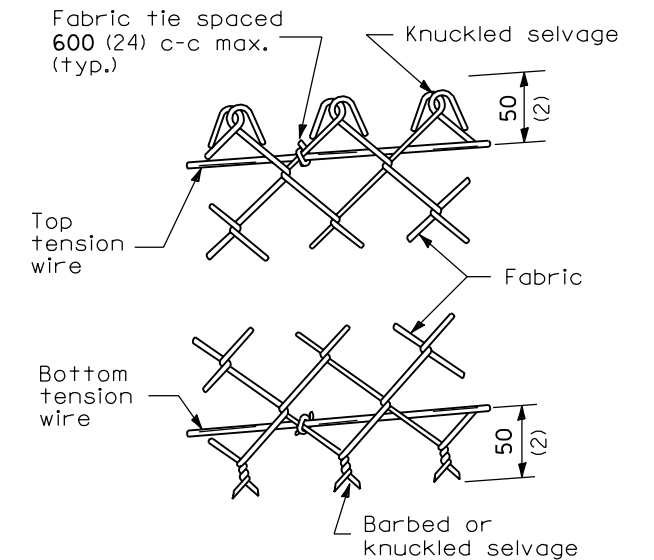
ROLL FORMED SECTION OF BRACE



ROLL FORMED SECTION OF TERMINAL & GATE POST



METHOD OF FASTENING STRETCHER BAR TO POST



METHOD OF TYING FABRIC TO TENSION WIRES

LINE POST	
Section	kg/m (lbs./ft.)
Pipe Type A 48.3 O.D. (1.90)	4.05 (2.72)
Pipe Type B 48.3 O.D. (1.90)	3.39 (2.28)
Pipe Type C 48.3 O.D. (1.90)	3.36 (2.26)
H 47.6x41.3 (1.875x1.625)	4.05 (2.72)
□	2.38 (1.60)
I	3.42 (2.30)

TERMINAL POST	
Section	kg/m (lbs./ft.)
Pipe Type A 60.3 O.D. (2.375)	5.43 (3.65)
Pipe Type B 60.3 O.D. (2.375)	4.63 (3.11)
Pipe Type C 60.3 O.D. (2.375)	4.60 (3.09)
Roll Formed 89.0x89.0 (3 1/2 x 3 1/2)	See detail
Sq. Tubing 63.5x63.5 (2 1/2 x 2 1/2)	6.43 (4.32)

HORIZONTAL BRACES	
Section	kg/m (lbs./ft.)
Pipe Type A 42.2 O.D. (1.66)	3.38 (2.27)
Pipe Type B 42.2 O.D. (1.66)	2.72 (1.83)
Pipe Type C 42.2 O.D. (1.66)	2.71 (1.82)
H 33.3x38.1 (1.31x1.5)	3.35 (2.25)
Roll Formed 41.3x31.8 (1 5/8 x 1 1/4)	See detail

GRATE FRAMES	
Section	kg/m (lbs./ft.)
Pipe Type A 42.2 O.D. (1.66)	3.38 (2.27)
Pipe Type B 42.2 O.D. (1.66)	2.72 (1.83)
Pipe Type C 42.2 O.D. (1.66)	2.71 (1.82)

GATE POSTS *							
Gate Opening * m (ft.)		Pipe Type A		Sq. Tubing		Pipe Type B	
		Size (O.D.)	kg/m (lbs./ft.)	Size	kg/m (lbs./ft.)	Size (O.D.)	kg/m (lbs./ft.)
Up to 1.2 (4)	Up to 2.5 (8)	60.3 (2.375)	5.43 (3.65)	63.5 (2 1/2)	6.43 (4.32)	60.3 (2.375)	4.63 (3.11)
Over 1.2 (4) to 2.5 (8)	Over 2.5 (8) to 5.0 (16)	73.0 (2.875)	8.62 (5.79)	76.2 (3)	8.60 (5.78)	73.0 (2.875)	6.91 (4.64)
Over 2.5 (8) to 3.6 (12)	Over 5.0 (16) to 7.4 (24)	89.0 (3.5)	11.28 (7.58)	76.2 (3)	13.10 (8.80)	89.0 (3.5)	8.49 (5.707)

* The 89.0 x 89.0 (3 1/2 x 3 1/2) roll formed section as detailed may be used as gate posts for single gate up to 1.8 m (6') and double gate up to 3.6 m (12').

All dimensions are in millimeters (inches) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 1999
Charles Kallflesch
 ENGINEER OF POLICY AND PROCEDURES

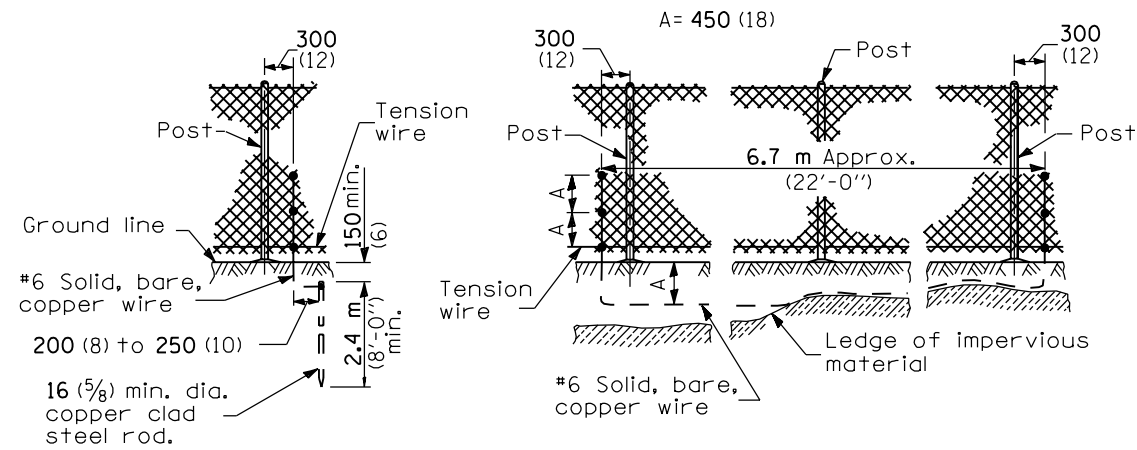
APPROVED January 1, 1999
Bill Swinley
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

CHAIN LINK FENCE

(Sheet 2 of 3)

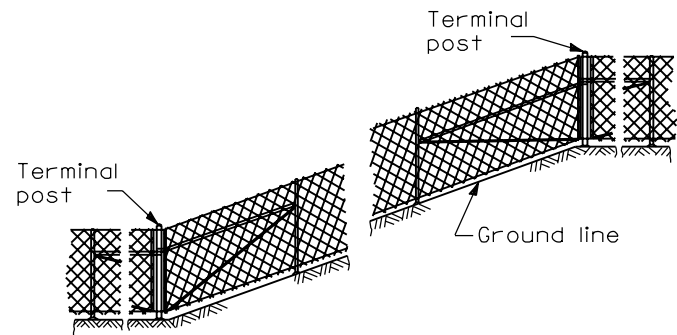
STANDARD 664001-01



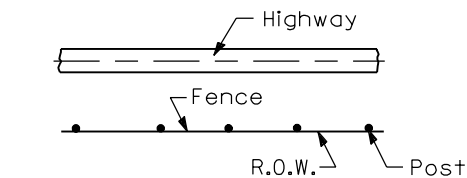
STANDARD GROUND

COUNTERPOISE GROUND (ALTERNATE)

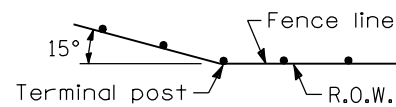
PROTECTIVE ELECTRICAL GROUNDS



INSTALLATION ON SLOPES



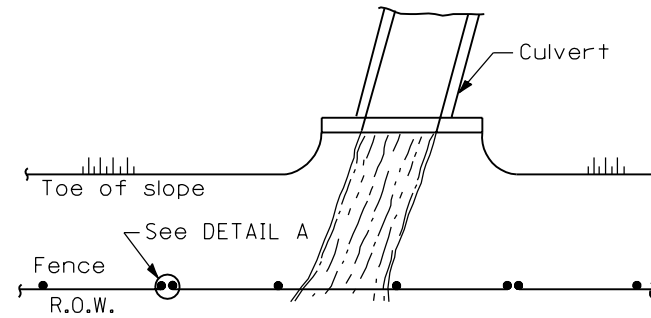
PLAN



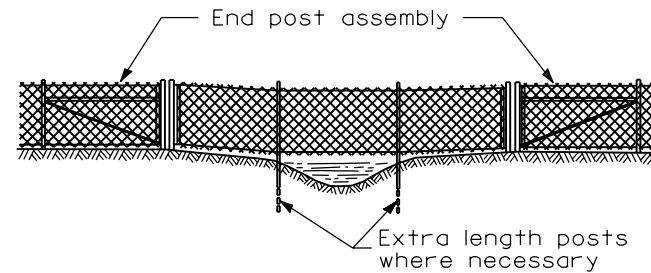
When fence line has a change in direction of 15° or more, a terminal post shall be placed as shown above.

Where angle is less than 15° and existing conditions require a terminal post, they shall be placed as directed by the Engineer.

INSTALLATION AT CORNERS

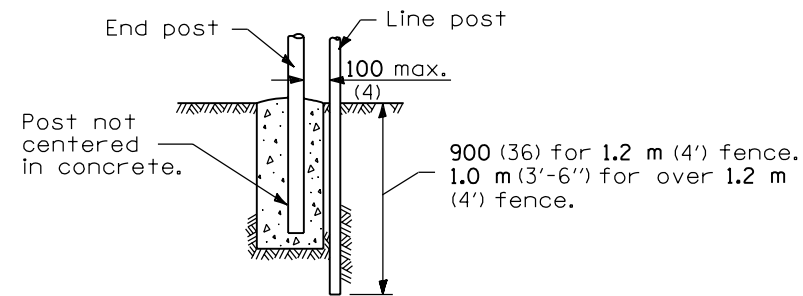


PLAN AT STREAM CROSSING

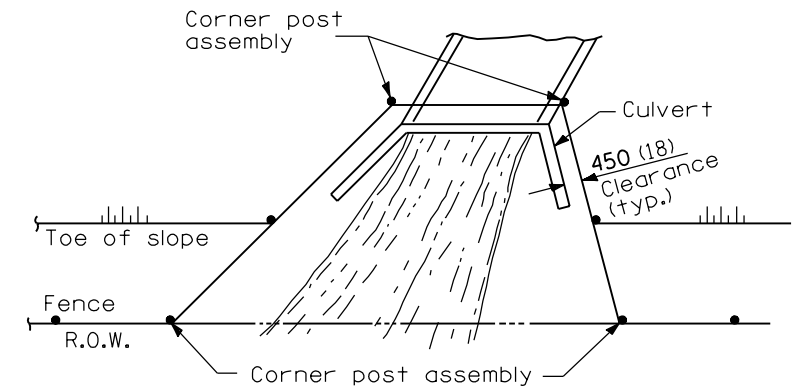


ELEVATION INSTALLATION OVER STREAM

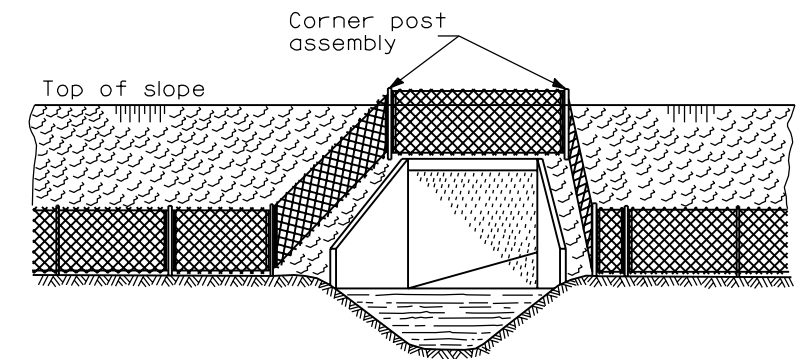
The chain link fabric shall be replaced by barbed wire strands at 300 (12) maximum centers between the double posts shown on DETAIL A when shown on the plans.



DETAIL A



PLAN AT HEADWALL



ELEVATION INSTALLATION AROUND HEADWALL

When the width of the culvert makes it necessary to anchor a post to the top of the culvert, a cast iron shoe or other device approved by the Engineer shall be used.

All dimensions are in millimeters (inches) unless otherwise shown.

CHAIN LINK FENCE

(Sheet 3 of 3)

STANDARD 664001-01

Illinois Department of Transportation

PASSED January 1, 1999
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