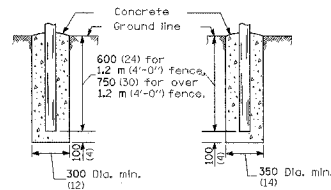


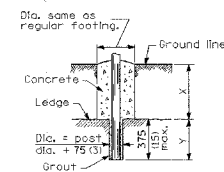
PEDESTRIAN GATE ARRANGEMENT

VEHICLE GATE ARRANGEMENT

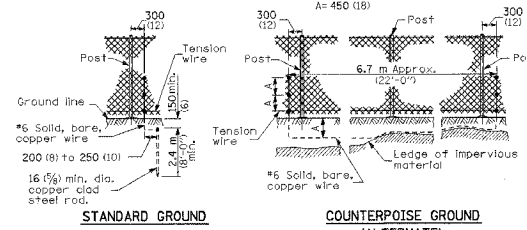


FOOTING FOR LINE POST

FOOTING FOR GATE & TERMINAL POST



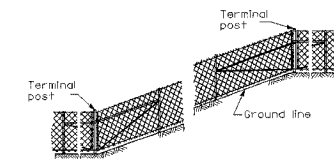
FOOTING FOR POST IN ROCK LEDGE



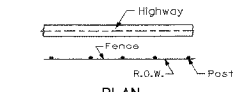
STANDARD GROUND

COUNTERPOISE GROUND (ALTERNATE)

PROTECTIVE ELECTRICAL GROUNDS



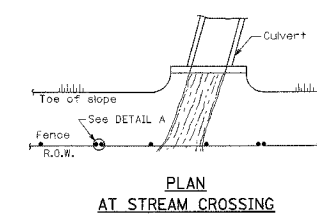
INSTALLATION ON SLOPES



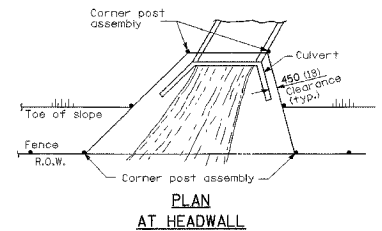
PLAN

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.

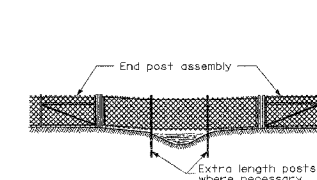
INSTALLATION AT CORNERS



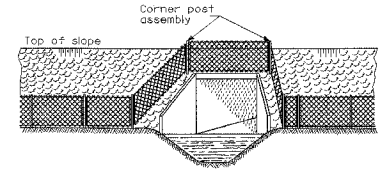
PLAN AT STREAM CROSSING



PLAN AT HEADWALL



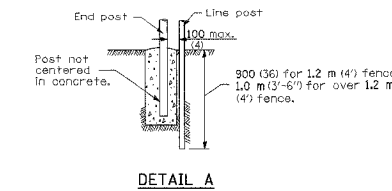
ELEVATION INSTALLATION OVER STREAM



ELEVATION INSTALLATION AROUND HEADWALL

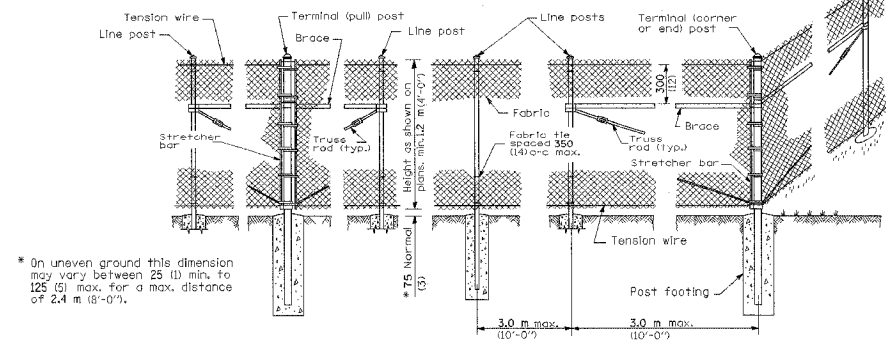
The chain link fabric shall be replaced by barbed wire strands at 300 (12) maximum centers between the double posts shown on DETAIL A when shown on the plans.

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.



DETAIL A

CHAIN LINK FENCE



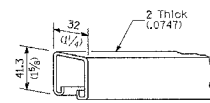
PULL POST ARRANGEMENT

LINE POST ARRANGEMENT

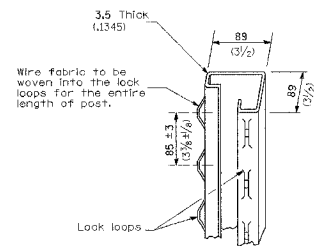
CORNER OR END POST ARRANGEMENT

GENERAL NOTES

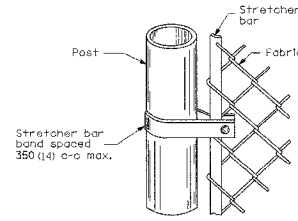
Pull posts shall be placed at locations determined by the Engineer. They shall be placed at 205 m (680') intervals between posts to which the ends of the fabric are clamped or midway between such posts when the distance is less than 400 m (1320') and greater than 200 m (660'). X + Y shall not exceed 600 mm (24"), 750 mm (30") or 900 mm (36"), as applicable. When X is 0 (0) to 225 mm (9"), 300 mm (12"), or 325 mm (12 7/8"), Y shall be 375 mm (15"), and the post shall be sharpened as required. When X exceeds 225 mm (9"), 300 mm (12"), or 325 mm (12 7/8"), Y shall be decreased correspondingly.



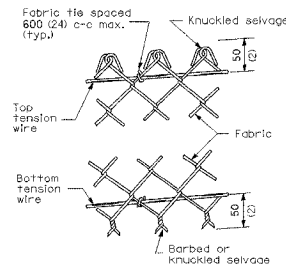
ROLL FORMED SECTION OF BRACE



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)     |
| C                            | 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)  | 3.42 (2.30)     |

| 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 33.3x36.1 (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 * (ft.)     | Gate Opening * (m)        | Pipe Type A  |                 | Pipe Type B        |                 |  |
|                          |                           | Size (O.D.)  | 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 (2.5)         | 60.3 (3.11)     |  |
| Over 1.2 to 2.5 (4) (8)  | Over 2.5 to 5.0 (8) (16)  | 73.0 (2.875) | 8.62 (5.79)     | 76.2 (3) (15.78)   | 73.0 (4.64)     |  |
| Over 2.5 to 3.6 (8) (12) | Over 5.0 to 7.4 (16) (24) | 89.0 (3.5)   | 11.28 (7.58)    | 89.0 (3.5) (18.80) | 8.49 (5.107)    |  |

\* 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.

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 11-13-2005  
 DRAGASAMZ  
 1-13-2005  
 11-43-19  
 DRAGASAMZ  
 1-13-2005