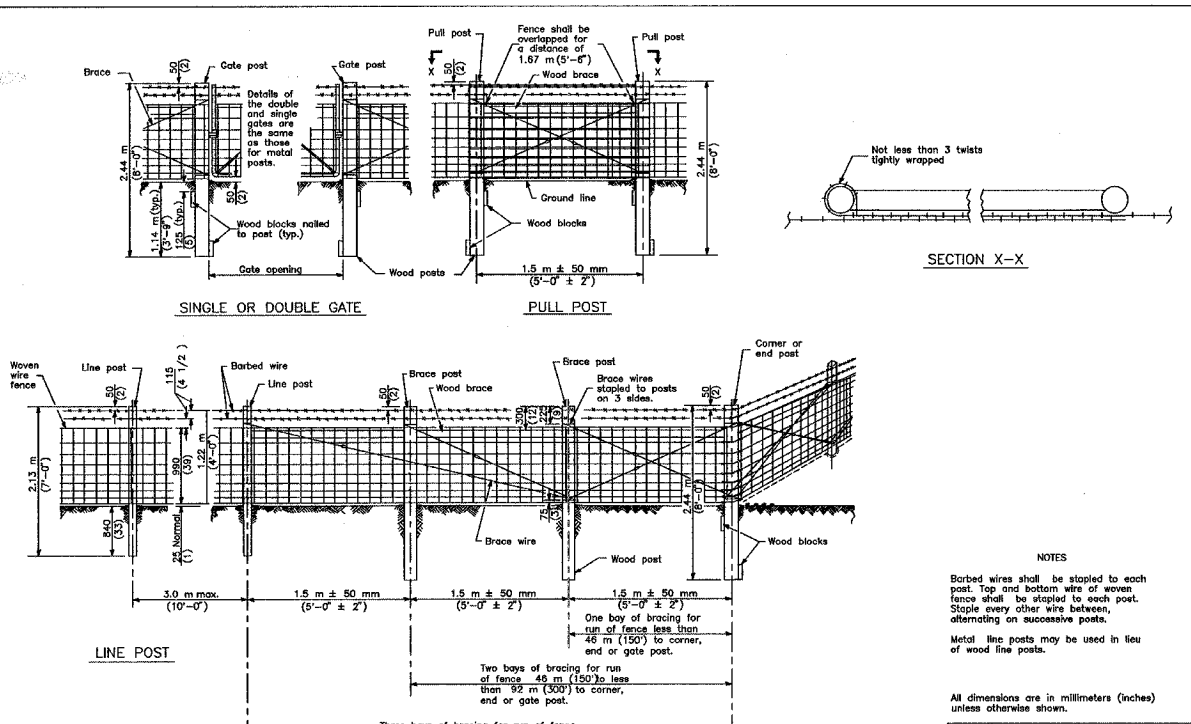


**NOTES**  
 Barbed wires shall be tied to each post. Top and bottom wire of woven fence shall be tied to each post. Tie every other wire between, alternating on successive posts.  
 Barbed wires and line wires of woven fence shall be fastened to the corner, end, pull, and gate posts by wrapping the wire around the post and tying back on itself with not less than 3 twists tightly wrapped.

**GENERAL NOTES**  
 Pull posts shall be placed at the locations determined by the Engineer. They shall be placed at 200 m (660') intervals between posts to which the ends of the fabric and barbed wires are fastened or midway between such posts when the distance is less than 400 m (1320') and greater than 200 m (660').  
 Bracing for gate posts shall be the same type used for end posts.  
 The clearance between the bottom fence wire and the ground may be up to 75 mm (3") for a maximum distance of 2.4 m (8') when uneven ground is encountered.

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

**WOVEN WIRE FENCE**  
 (Sheet 1 of 4)  
**STANDARD 665001**



Not less than 3 twists tightly wrapped

SECTION X-X

**NOTES**  
 Barbed wires shall be stapled to each post. Top and bottom wire of woven fence shall be stapled to each post. Staple every other wire between, alternating on successive posts.  
 Metal line posts may be used in lieu of wood line posts.

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

**WOVEN WIRE FENCE**  
 (Sheet 2 of 4)  
**STANDARD 665001**

**METAL ITEMS**

| GATE FRAMES                   |                 | CORNER, END or PULL POSTS      |                 | LINE POSTS  |                  | BRACES                         |                 |
|-------------------------------|-----------------|--------------------------------|-----------------|---|------------------|--------------------------------|-----------------|
| Section                       | kg/m (lbs./ft.) | Section                        | kg/m (lbs./ft.) | Section   | kg/m (lbs./ft.)  | Section                        | kg/m (lbs./ft.) |
| Type A: Pipe 42.2 (1.66) O.D. | 3.38 (2.27)     | Type A: Pipe 60.3 (2.375) O.D. | 5.43 (3.65)     | Type A: Pipe 33.4 (1.315) O.D.                    | 2.50 (1.68)      | Type A: Pipe 42.2 (1.66) O.D.  | 3.38 (2.27)     |
| Type B: Pipe 42.2 (1.66) O.D. | 2.72 (1.83)     | Type B: Pipe 60.3 (2.375) O.D. | 4.63 (3.11)     | Type B: Pipe 33.4 (1.315) O.D.                    | 1.89 (1.34)      | Type B: Pipe 42.2 (1.66) O.D.  | 2.72 (1.83)     |
| Type C: Pipe 42.2 (1.66) O.D. | 2.71 (1.82)     | Type C: Pipe 60.3 (2.375) O.D. | 4.60 (3.09)     | Type C: Pipe 33.4 (1.315) O.D.                    | 1.98 (1.33)      | Type C: Pipe 42.2 (1.66) O.D.  | 2.71 (1.82)     |
|                               |                 | Tubing 63.5 (2.5) Sq.          | 6.43 (4.32)     | Tubing 25.4 (1) Sq.                               | 2.10 (1.41)      |                                |                 |
|                               |                 | Angle 6x6x(26.9) 2 x 1/2 x 1/4 | 6.10 (4.1)      | Ang.  |                  | Angle 6x6x(26.9) 2 x 1/2 x 1/4 | 4.75 (3.19)     |
|                               |                 | H, L, U, structural shapes     | 6.10 (4.1) min. | L, C, T, U, Y or other approved structural shapes | 1.68 (1.33) min. |                                |                 |

**METAL ITEMS**

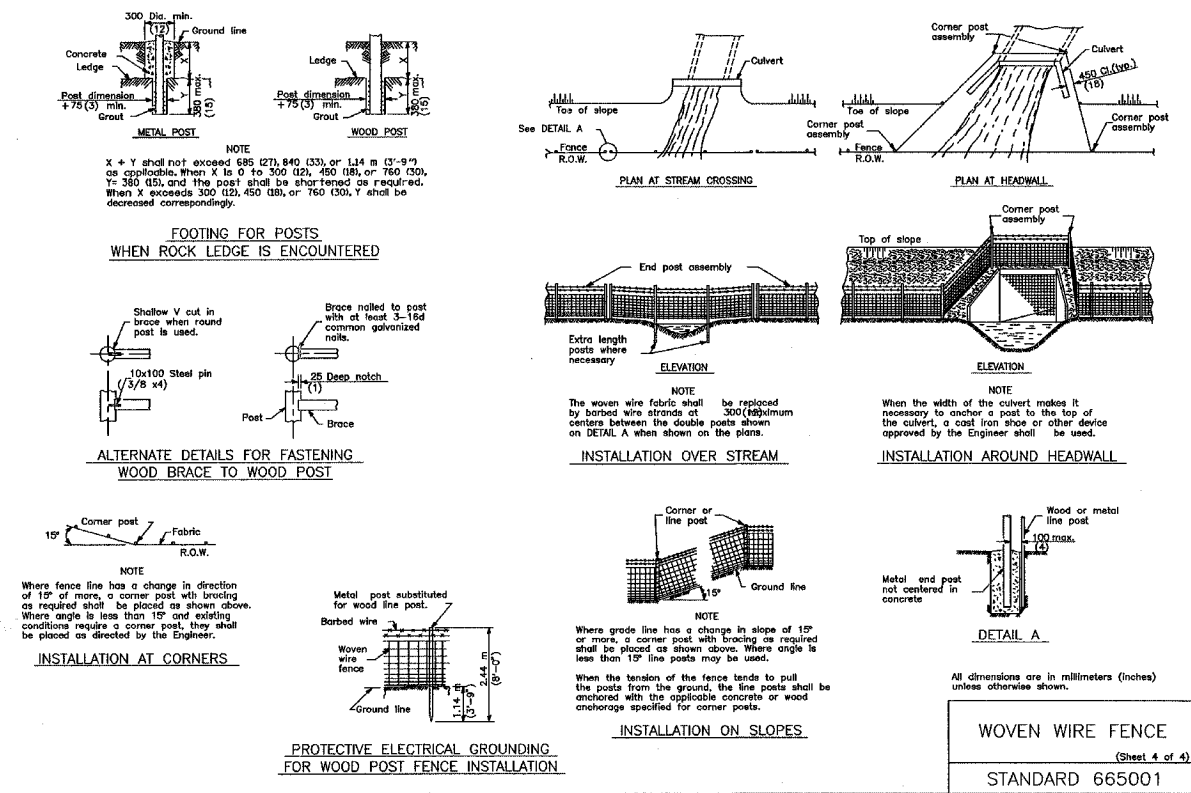
| GATE POSTS                       |                 |   |                 |
|----------------------------------|-----------------|---|-----------------|
| Single gate up to 1.22 m (4 ft.) |                 | over 1.22 m to 2.44 m (4 ft. to 8 ft.)  |                 |
| Double gate up to 2.44 m (8 ft.) |                 | over 2.44 m to 4.88 m (8 ft. to 16 ft.) |                 |
| Section                          | kg/m (lbs./ft.) | Section                                 | kg/m (lbs./ft.) |
| Type A: Pipe 60.3 (2.375) O.D.   | 5.43 (3.65)     | 73.0 (2.875) O.D.                       | 8.82 (5.79)     |
| Type B: Pipe 60.3 (2.375) O.D.   | 4.83 (3.11)     | 73.0 (2.875) O.D.                       | 6.91 (4.64)     |
| Type C: Pipe 60.3 (2.375) O.D.   | 4.80 (3.09)     | 73.0 (2.875) O.D.                       | 5.53 (3.78)     |
| Tubing 63.5 (2.5) Sq.            | 8.43 (4.32)     | 76.2 (3) Sq.                            | 8.80 (5.78)     |
| Angle 6x6x(26.9) 2 x 1/2 x 1/4   | 6.10 (4.1)      | 76x76x(3) 5/16                          | 9.08 (6.1)      |
| H, L, U, structural shapes       | 6.10 (4.1) min. |   | 9.08 (6.1) min. |

**WOOD ITEMS**  
 (S4S or Rough Sawn)

| GATE, CORNER, END or PULL POSTS            | BRACES and LINE POSTS                      | BLOCKS              |
|--|--|---------------------|
| 150 to 175 (6 to 7) Top dia. 150x150 (6x6) | 100 to 125 (4 to 5) Top dia. 100x100 (4x4) | 50x200x450 (2x8x18) |

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

**WOVEN WIRE FENCE**  
 (Sheet 3 of 4)  
**STANDARD 665001**



**NOTE**  
 X + Y shall not exceed 695 (27), 840 (33), or 1.14 m (3'-9") as applicable. When X is 0 to 300 (12), 450 (18), or 760 (30), Y is 350 (14), and the post shall be shortened as required. When X exceeds 300 (12), 450 (18), or 760 (30), Y shall be decreased correspondingly.

**FOOTING FOR POSTS WHEN ROCK LEDGE IS ENCOUNTERED**

**ALTERNATE DETAILS FOR FASTENING WOOD BRACE TO WOOD POST**

**INSTALLATION AT CORNERS**

**INSTALLATION ON SLOPES**

**PROTECTIVE ELECTRICAL GROUNDING FOR WOOD POST FENCE INSTALLATION**

**NOTE**  
 The woven wire fabric shall be replaced by barbed wire strands at 300 (12) minimum centers between the double posts shown in DETAIL A when shown on the plans.

**INSTALLATION OVER STREAM**

**INSTALLATION AROUND HEADWALL**

**NOTE**  
 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**

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

**WOVEN WIRE FENCE**  
 (Sheet 4 of 4)  
**STANDARD 665001**

JACKSONVILLE MUNICIPAL AIRPORT  
 JACKSONVILLE, ILLINOIS

**STANDARD DRAWINGS**

HUTCHISON ENGINEERING, INC.  
 JACKSONVILLE, ILLINOIS

DRAWN BY: T.J.D. ILL. PROJ. NO. IJX-3435  
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