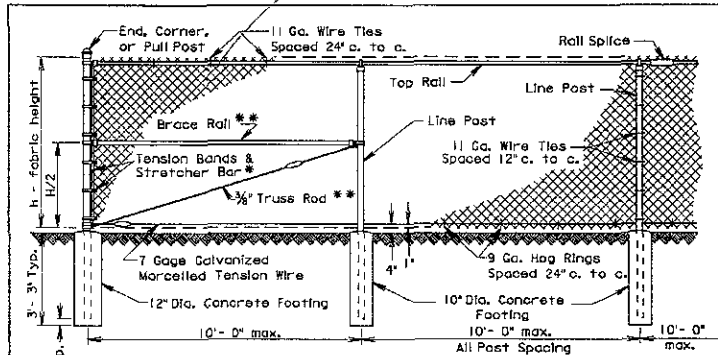


Same Specs But w/ Brown Vinyl Coating.



\* Tension Bands shall be spaced 12" c. to c.  
 \*\* Ar's not required for 3' thru 5' fences.  
 ☞ Tightening Device such as shown on Plate No. 621.03

Component	End, Corner & Pull Post		Line Post		Top & Brace Roll		
	Round Pipe Nominal	Roll Formed Steel	Round Pipe Nominal	"C" Section	H-Beam Steel	Round Pipe Nominal	Roll Formed Steel
Type of Fabrication	Round Pipe	Roll Formed Steel	Round Pipe	"C" Section	H-Beam Steel	Round Pipe	Roll Formed Steel
Size	3.00" O. D.	3.5" x 3.5"	2.50" O. D.	1.875" x 1.25"	2.25" x 1.70"	1.625" O. D.	1.625" x 1.25"
Weight (lb. / ft.)	5.79 or 4.64	5.14	3.65 or 3.12	2.34	3.43	2.27 or 1.84	1.35

**GENERAL NOTES:**

Specific details of manufacture of component parts of the complete fence construction shall be subject to the approval of the Engineer. Commercially available items produced specifically for the use intended shall be used wherever possible in the construction of the fence.

"H" (Height of Fabric) shall be as shown on the Plans. Fabric is available in the following heights: 36", 42", 48", 60", 72", 84", 96", 108", 120", & 144". Fabric heights 60 inches and under shall be knuckled at both selvages. Fabric heights 72 inches and over shall be knuckled at one selvage and twisted at the other selvage.

Chain Link Fabric shall be 2" mesh, No. 9 gage galvanized wire securely fastened to Tension Wire, Line Post, Rails, Braces and Stretcher Bars spaced as shown hereon.

Fence may be constructed with either Round Pipe, "C" Section, "H" Beam, or roll Formed Steel components as shown in the table above. Line post may be Round Pipe, "C" Section, or "H" Beam. The Corner Post and Rails shall be either Round Pipe or Roll Formed Steel. The type of components used shall have prior approval by the Engineer before construction.

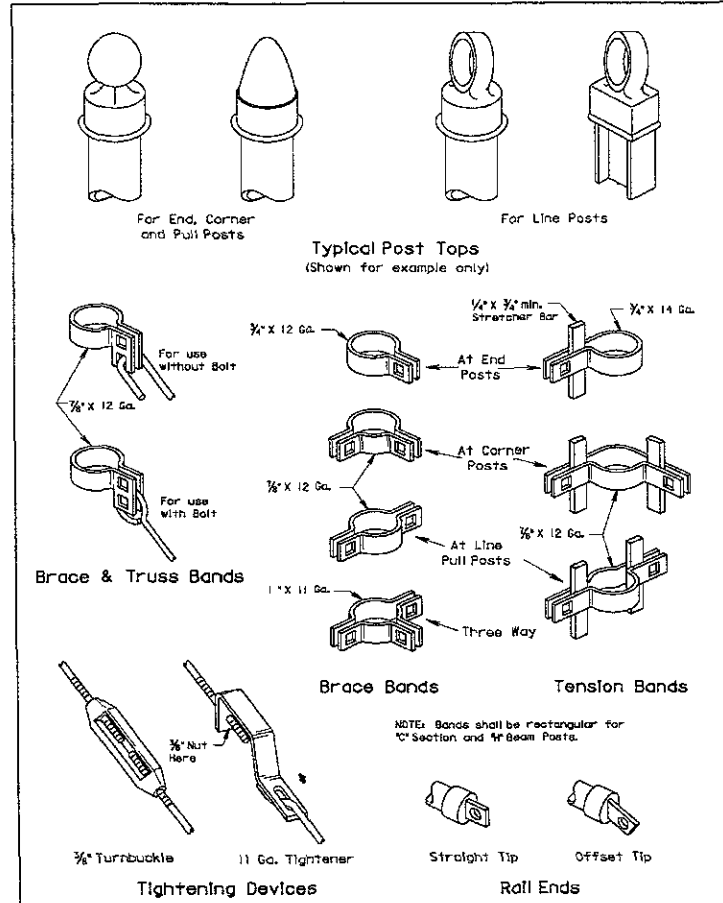
Where fence must cross small bodies of water (such as drainage areas or ponds) that could freeze during the winter, use 11 gage Hog Rings. Provide only two ties per Tension Wire and Top Rail between line posts.

A suitable method of roll splicing shall be used to allow for expansion and contraction while maintaining proper position of the Top Rail.

March 31, 2000

S D D O T	CHAIN LINK FENCE WITH TOP RAIL	PLATE NUMBER
		621.01
		Sheet 1 of 1

Published Date: 1st Qtr. 2000



S D D O T	HARDWARE FOR CHAIN LINK FENCE	PLATE NUMBER
		621.03
		Sheet 1 of 1

Published Date: 1st Qtr. 2000

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 Phone: (605) 341-7800  
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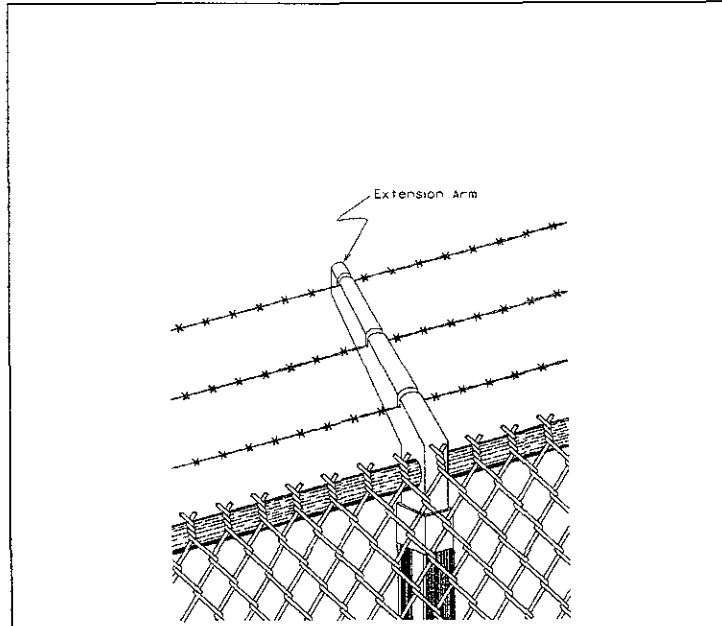
**cetec**  
 ENGINEERING SERVICES, INC.

DESIGNED	SDOT
DETAILED	BE
CHECKED	BM
APPROVED	
DATE	3/23/00

STANDARD DETAILS  
 SCHEDULE B

SHEET DESCRIPTION

PROJECT  
 WATER SYSTEM IMPROVEMENTS  
 RAPID VALLEY SANITARY DISTRICT  
 PENNINGTON COUNTY, SOUTH DAKOTA



**GENERAL NOTES:**

Extension arms shall be not dipped galvanized. End and corner arms shall be malleable iron. Intermediate arms may be pressed steel. Arms shall have sealed caps and three slots to accommodate the barbed wires. The top wire shall be 12 truses above the fabric and 12 inches out from the fence line at an angle of approximately 45°. Adjustable arms may be used. Barbed wire shall be two strand 12 1/2 gauge wire with four point round bars spaced on 5 inch centers.

Extra payment will not be made for extension arms with barbed wire. Extension arms with barbed wire shall be incidental to the respective Chain Link Fence bid item. When extension arms with barbed wire are attached to gates, the payment for the extension arms with barbed wire shall be incidental to the respective Gate bid item.

March 31, 2000

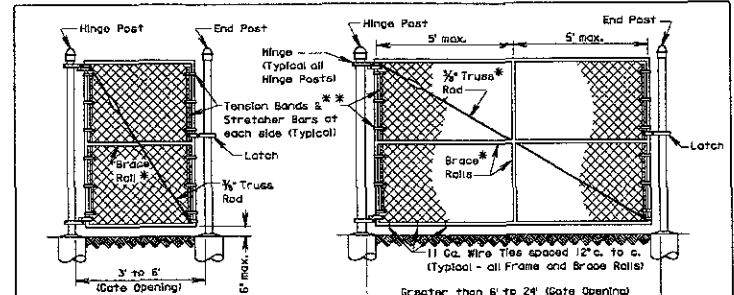
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D  
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**BARBED WIRE TOP FOR CHAIN LINK FENCE**

PLATE NUMBER  
**621.D4**

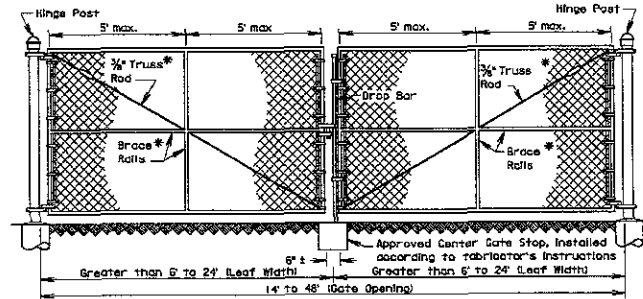
Sheet 1 of 1

Published Date: 1st Oct. 2009



**PEDESTRIAN SWING GATE**

**SINGLE VEHICULAR SWING GATE**



**DOUBLE VEHICULAR SWING GATE**

Gate Opening	Frame	Brace
Width	Pipe	Roll - Pipe
Height <sup>2</sup>	Nominal	Nominal
3' to 6'	1.50"	1.50"
>6' to 23'	1.50"	1.50"
>6' to 23'	> 6' to 12'	1.30"

Gate Opening	Hinge Post	Concrete Footing
Width <sup>1</sup>	Round Pipe	Roll Formed Steel
Nominal	Nominal	Depth
3' to 6'	3.00"	350X3.50"
> 6' to 13'	4.00"	—
> 13' to 18'	6.625"	—
> 18' to 23'	8.625"	—

NOTE: Gate frames may be constructed of bent or welded steel tubing installed according to fabricator's instructions and subject to the Engineer's approval.

\* Arcs not required for gates 3' to 5' height or 5' or less in width.

\* Tension Bands shall be spaced 12" o. c.

⊃ Tightening Device such as shown on standard plate 621.03

1 Leaf width for Double Vehicular Swing Gate

2 Shall coincide with fence height

September 14, 2001

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D  
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**SWING GATES FOR CHAIN LINK FENCE**

PLATE NUMBER  
**621.10**

Sheet 1 of 1

Published Date: 1st Oct. 2009