

**2 ea. END POST**

Total post length: 110" 2 1/2" X 2 1/2" X 20' SQUARE .083 TUBING POST  
Distances are from top edge of post to center of rail.  
Rails are welded into place.

END POST: (Side 1)

Attachment #1	Distance: 12.5"
Attachment #2	Distance: 17.5"
Attachment #3	Distance: 46.5"
Attachment #4	Distance: 71.5"

**42 ea. LINE POST**

Total post length: 110" 2 1/2" X 2 1/2" X 20' SQUARE .083 TUBING POST  
Distances are from top edge of post to center of rail.  
Rails are welded into place.

LINE POST: (Side 1)

Attachment #1	Distance: 12.5"
Attachment #2	Distance: 17.5"
Attachment #3	Distance: 46.5"
Attachment #4	Distance: 71.5"

LINE POST: (Side 3)

Attachment #1	Distance: 12.5"
Attachment #2	Distance: 17.5"
Attachment #3	Distance: 46.5"
Attachment #4	Distance: 71.5"

**4 ea. CORNER POST**

Total post length: 110" 2 1/2" X 2 1/2" X 20' SQUARE .083 TUBING POST  
Distances are from top edge of post to center of rail.  
Rails are welded into place.

CORNER POST: (Side 1)

Attachment #1	Distance: 12.5"
Attachment #2	Distance: 17.5"
Attachment #3	Distance: 46.5"
Attachment #4	Distance: 71.5"

CORNER POST: (Side 2)

Attachment #1	Distance: 12.5"
Attachment #2	Distance: 17.5"
Attachment #3	Distance: 46.5"
Attachment #4	Distance: 71.5"

**2 ea. BLANK POST**

Total post length: 110" 2 1/2" X 2 1/2" X 20' SQUARE .083 TUBING POST

**41 ea. TOP RAIL**

Total rail length: 72" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is punched and welded into place.  
2 Welds per RAIL

Top of TOP RAIL: (Side 1)

Attachment #1	Distance: 4.9286"
Attachment #2	Distance: 10.1072"
Attachment #3	Distance: 15.2858"
Attachment #4	Distance: 20.4644"
Attachment #5	Distance: 25.643"
Attachment #6	Distance: 30.8216"
Attachment #7	Distance: 36.0002"
Attachment #8	Distance: 41.1788"

**Hershal Dinglethorpe**  
3278 N. Bigelow Ave  
Simi Valley, CA 93065

Attachment #9 Distance: 46.3574"  
Attachment #10 Distance: 51.536"  
Attachment #11 Distance: 56.7146"  
Attachment #12 Distance: 61.8932"  
Attachment #13 Distance: 67.0718"

Bottom of TOP RAIL: (Side 3)

Attachment #1 Distance: 4.9286"  
Attachment #2 Distance: 10.1072"  
Attachment #3 Distance: 15.2858"  
Attachment #4 Distance: 20.4644"  
Attachment #5 Distance: 25.643"  
Attachment #6 Distance: 30.8216"  
Attachment #7 Distance: 36.0002"  
Attachment #8 Distance: 41.1788"  
Attachment #9 Distance: 46.3574"  
Attachment #10 Distance: 51.536"  
Attachment #11 Distance: 56.7146"  
Attachment #12 Distance: 61.8932"  
Attachment #13 Distance: 67.0718"

**1 ea. TOP RAIL**

Total rail length: 67" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is punched and welded into place.  
2 Welds per RAIL

Top of TOP RAIL: (Side 1)

Attachment #1 Distance: 4.9423"  
Attachment #2 Distance: 10.1346"  
Attachment #3 Distance: 15.3269"  
Attachment #4 Distance: 20.5192"  
Attachment #5 Distance: 25.7115"  
Attachment #6 Distance: 30.9038"  
Attachment #7 Distance: 36.0962"  
Attachment #8 Distance: 41.2885"  
Attachment #9 Distance: 46.4808"  
Attachment #10 Distance: 51.6731"  
Attachment #11 Distance: 56.8654"  
Attachment #12 Distance: 62.0577"

Bottom of TOP RAIL: (Side 3)

Attachment #1 Distance: 4.9423"  
Attachment #2 Distance: 10.1346"  
Attachment #3 Distance: 15.3269"  
Attachment #4 Distance: 20.5192"  
Attachment #5 Distance: 25.7115"  
Attachment #6 Distance: 30.9038"  
Attachment #7 Distance: 36.0962"  
Attachment #8 Distance: 41.2885"  
Attachment #9 Distance: 46.4808"  
Attachment #10 Distance: 51.6731"  
Attachment #11 Distance: 56.8654"  
Attachment #12 Distance: 62.0577"

**2 ea. TOP RAIL**

Total rail length: 60" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is punched and welded into place.  
2 Welds per RAIL

Top of TOP RAIL: (Side 1)

Attachment #1 Distance: 4.7917"

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Simi Valley, CA 93065

Attachment #2	Distance: 9.8333"
Attachment #3	Distance: 14.875"
Attachment #4	Distance: 19.9167"
Attachment #5	Distance: 24.9583"
Attachment #6	Distance: 30"
Attachment #7	Distance: 35.0417"
Attachment #8	Distance: 40.0833"
Attachment #9	Distance: 45.125"
Attachment #10	Distance: 50.1667"
Attachment #11	Distance: 55.2083"

Bottom of TOP RAIL: (Side 3)

Attachment #1	Distance: 4.7917"
Attachment #2	Distance: 9.8333"
Attachment #3	Distance: 14.875"
Attachment #4	Distance: 19.9167"
Attachment #5	Distance: 24.9583"
Attachment #6	Distance: 30"
Attachment #7	Distance: 35.0417"
Attachment #8	Distance: 40.0833"
Attachment #9	Distance: 45.125"
Attachment #10	Distance: 50.1667"
Attachment #11	Distance: 55.2083"

**2 ea. TOP RAIL**

Total rail length: 57.5" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is punched and welded into place.  
2 Welds per RAIL

Top of TOP RAIL: (Side 1)

Attachment #1	Distance: 5.0227"
Attachment #2	Distance: 10.2955"
Attachment #3	Distance: 15.5682"
Attachment #4	Distance: 20.8409"
Attachment #5	Distance: 26.1136"
Attachment #6	Distance: 31.3864"
Attachment #7	Distance: 36.6591"
Attachment #8	Distance: 41.9318"
Attachment #9	Distance: 47.2045"
Attachment #10	Distance: 52.4773"

Bottom of TOP RAIL: (Side 3)

Attachment #1	Distance: 5.0227"
Attachment #2	Distance: 10.2955"
Attachment #3	Distance: 15.5682"
Attachment #4	Distance: 20.8409"
Attachment #5	Distance: 26.1136"
Attachment #6	Distance: 31.3864"
Attachment #7	Distance: 36.6591"
Attachment #8	Distance: 41.9318"
Attachment #9	Distance: 47.2045"
Attachment #10	Distance: 52.4773"

**4 ea. TOP RAIL**

Total rail length: 45.5" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is punched and welded into place.  
2 Welds per RAIL

Top of TOP RAIL: (Side 1)

Attachment #1	Distance: 4.8611"
Attachment #2	Distance: 9.9722"

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Simi Valley, CA 93065

Attachment #3 Distance: 15.0833"  
Attachment #4 Distance: 20.1944"  
Attachment #5 Distance: 25.3056"  
Attachment #6 Distance: 30.4167"  
Attachment #7 Distance: 35.5278"  
Attachment #8 Distance: 40.6389"

Bottom of TOP RAIL: (Side 3)

Attachment #1 Distance: 4.8611"  
Attachment #2 Distance: 9.9722"  
Attachment #3 Distance: 15.0833"  
Attachment #4 Distance: 20.1944"  
Attachment #5 Distance: 25.3056"  
Attachment #6 Distance: 30.4167"  
Attachment #7 Distance: 35.5278"  
Attachment #8 Distance: 40.6389"

**82 ea. 1st MIDDLE RAIL**

Total rail length: 72" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is punched and welded into place.  
2 Welds per RAIL

Top of MIDDLE RAIL: (Side 1)

Attachment #1 Distance: 4.9286"  
Attachment #2 Distance: 10.1072"  
Attachment #3 Distance: 15.2858"  
Attachment #4 Distance: 20.4644"  
Attachment #5 Distance: 25.643"  
Attachment #6 Distance: 30.8216"  
Attachment #7 Distance: 36.0002"  
Attachment #8 Distance: 41.1788"  
Attachment #9 Distance: 46.3574"  
Attachment #10 Distance: 51.536"  
Attachment #11 Distance: 56.7146"  
Attachment #12 Distance: 61.8932"  
Attachment #13 Distance: 67.0718"

Bottom of MIDDLE RAIL: (Side 3)

Attachment #1 Distance: 4.9286"  
Attachment #2 Distance: 10.1072"  
Attachment #3 Distance: 15.2858"  
Attachment #4 Distance: 20.4644"  
Attachment #5 Distance: 25.643"  
Attachment #6 Distance: 30.8216"  
Attachment #7 Distance: 36.0002"  
Attachment #8 Distance: 41.1788"  
Attachment #9 Distance: 46.3574"  
Attachment #10 Distance: 51.536"  
Attachment #11 Distance: 56.7146"  
Attachment #12 Distance: 61.8932"  
Attachment #13 Distance: 67.0718"

**2 ea. 1st MIDDLE RAIL**

Total rail length: 67" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is punched and welded into place.  
2 Welds per RAIL

Top of MIDDLE RAIL: (Side 1)

Attachment #1 Distance: 4.9423"  
Attachment #2 Distance: 10.1346"  
Attachment #3 Distance: 15.3269"

Attachment #4	Distance: 20.5192"
Attachment #5	Distance: 25.7115"
Attachment #6	Distance: 30.9038"
Attachment #7	Distance: 36.0962"
Attachment #8	Distance: 41.2885"
Attachment #9	Distance: 46.4808"
Attachment #10	Distance: 51.6731"
Attachment #11	Distance: 56.8654"
Attachment #12	Distance: 62.0577"

Bottom of MIDDLE RAIL: (Side 3)

Attachment #1	Distance: 4.9423"
Attachment #2	Distance: 10.1346"
Attachment #3	Distance: 15.3269"
Attachment #4	Distance: 20.5192"
Attachment #5	Distance: 25.7115"
Attachment #6	Distance: 30.9038"
Attachment #7	Distance: 36.0962"
Attachment #8	Distance: 41.2885"
Attachment #9	Distance: 46.4808"
Attachment #10	Distance: 51.6731"
Attachment #11	Distance: 56.8654"
Attachment #12	Distance: 62.0577"

**4 ea. 1st MIDDLE RAIL**

Total rail length: 60" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is punched and welded into place.  
2 Welds per RAIL

Top of MIDDLE RAIL: (Side 1)

Attachment #1	Distance: 4.7917"
Attachment #2	Distance: 9.8333"
Attachment #3	Distance: 14.875"
Attachment #4	Distance: 19.9167"
Attachment #5	Distance: 24.9583"
Attachment #6	Distance: 30"
Attachment #7	Distance: 35.0417"
Attachment #8	Distance: 40.0833"
Attachment #9	Distance: 45.125"
Attachment #10	Distance: 50.1667"
Attachment #11	Distance: 55.2083"

Bottom of MIDDLE RAIL: (Side 3)

Attachment #1	Distance: 4.7917"
Attachment #2	Distance: 9.8333"
Attachment #3	Distance: 14.875"
Attachment #4	Distance: 19.9167"
Attachment #5	Distance: 24.9583"
Attachment #6	Distance: 30"
Attachment #7	Distance: 35.0417"
Attachment #8	Distance: 40.0833"
Attachment #9	Distance: 45.125"
Attachment #10	Distance: 50.1667"
Attachment #11	Distance: 55.2083"

**4 ea. 1st MIDDLE RAIL**

Total rail length: 57.5" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is punched and welded into place.  
2 Welds per RAIL

Top of MIDDLE RAIL: (Side 1)



Attachment #8	Distance: 20.4644"
Attachment #9	Distance: 23.0537"
Attachment #10	Distance: 25.643"
Attachment #11	Distance: 28.2323"
Attachment #12	Distance: 30.8216"
Attachment #13	Distance: 33.4109"
Attachment #14	Distance: 36.0002"
Attachment #15	Distance: 38.5895"
Attachment #16	Distance: 41.1788"
Attachment #17	Distance: 43.7681"
Attachment #18	Distance: 46.3574"
Attachment #19	Distance: 48.9467"
Attachment #20	Distance: 51.536"
Attachment #21	Distance: 54.1253"
Attachment #22	Distance: 56.7146"
Attachment #23	Distance: 59.3039"
Attachment #24	Distance: 61.8932"
Attachment #25	Distance: 64.4825"
Attachment #26	Distance: 67.0718"
Attachment #27	Distance: 69.6611"

**1 ea. BOTTOM RAIL**

Total rail length: 67" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is welded into place.  
2 Welds per RAIL

Top of BOTTOM RAIL: (Side 1)

Attachment #1	Distance: 2.3462"
Attachment #2	Distance: 4.9423"
Attachment #3	Distance: 7.5385"
Attachment #4	Distance: 10.1346"
Attachment #5	Distance: 12.7308"
Attachment #6	Distance: 15.3269"
Attachment #7	Distance: 17.9231"
Attachment #8	Distance: 20.5192"
Attachment #9	Distance: 23.1154"
Attachment #10	Distance: 25.7115"
Attachment #11	Distance: 28.3077"
Attachment #12	Distance: 30.9038"
Attachment #13	Distance: 33.5"
Attachment #14	Distance: 36.0962"
Attachment #15	Distance: 38.6923"
Attachment #16	Distance: 41.2885"
Attachment #17	Distance: 43.8846"
Attachment #18	Distance: 46.4808"
Attachment #19	Distance: 49.0769"
Attachment #20	Distance: 51.6731"
Attachment #21	Distance: 54.2692"
Attachment #22	Distance: 56.8654"
Attachment #23	Distance: 59.4615"
Attachment #24	Distance: 62.0577"
Attachment #25	Distance: 64.6538"

**2 ea. BOTTOM RAIL**

Total rail length: 60" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is welded into place.  
2 Welds per RAIL

Top of BOTTOM RAIL: (Side 1)

Attachment #1	Distance: 2.2708"
Attachment #2	Distance: 4.7917"

Attachment #3	Distance: 7.3125"
Attachment #4	Distance: 9.8333"
Attachment #5	Distance: 12.3542"
Attachment #6	Distance: 14.875"
Attachment #7	Distance: 17.3958"
Attachment #8	Distance: 19.9167"
Attachment #9	Distance: 22.4375"
Attachment #10	Distance: 24.9583"
Attachment #11	Distance: 27.4792"
Attachment #12	Distance: 30"
Attachment #13	Distance: 32.5208"
Attachment #14	Distance: 35.0417"
Attachment #15	Distance: 37.5625"
Attachment #16	Distance: 40.0833"
Attachment #17	Distance: 42.6042"
Attachment #18	Distance: 45.125"
Attachment #19	Distance: 47.6458"
Attachment #20	Distance: 50.1667"
Attachment #21	Distance: 52.6875"
Attachment #22	Distance: 55.2083"
Attachment #23	Distance: 57.7292"

**2 ea. BOTTOM RAIL**

Total rail length: 57.5" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is welded into place.  
2 Welds per RAIL

Top of BOTTOM RAIL: (Side 1)

Attachment #1	Distance: 2.3864"
Attachment #2	Distance: 5.0227"
Attachment #3	Distance: 7.6591"
Attachment #4	Distance: 10.2955"
Attachment #5	Distance: 12.9318"
Attachment #6	Distance: 15.5682"
Attachment #7	Distance: 18.2045"
Attachment #8	Distance: 20.8409"
Attachment #9	Distance: 23.4773"
Attachment #10	Distance: 26.1136"
Attachment #11	Distance: 28.75"
Attachment #12	Distance: 31.3864"
Attachment #13	Distance: 34.0227"
Attachment #14	Distance: 36.6591"
Attachment #15	Distance: 39.2955"
Attachment #16	Distance: 41.9318"
Attachment #17	Distance: 44.5682"
Attachment #18	Distance: 47.2045"
Attachment #19	Distance: 49.8409"
Attachment #20	Distance: 52.4773"
Attachment #21	Distance: 55.1136"

**4 ea. BOTTOM RAIL**

Total rail length: 45.5" 1" X 1" X 20' SQUARE .065 TUBING RAIL  
Distances are from left edge of rail to center of picket.  
Rail is welded into place.  
2 Welds per RAIL

Top of BOTTOM RAIL: (Side 1)

Attachment #1	Distance: 2.3056"
Attachment #2	Distance: 4.8611"
Attachment #3	Distance: 7.4167"
Attachment #4	Distance: 9.9722"
Attachment #5	Distance: 12.5278"



Attachment #6 Distance: 15.0833"  
Attachment #7 Distance: 17.6389"  
Attachment #8 Distance: 20.1944"  
Attachment #9 Distance: 22.75"  
Attachment #10 Distance: 25.3056"  
Attachment #11 Distance: 27.8611"  
Attachment #12 Distance: 30.4167"  
Attachment #13 Distance: 32.9722"  
Attachment #14 Distance: 35.5278"  
Attachment #15 Distance: 38.0833"  
Attachment #16 Distance: 40.6389"  
Attachment #17 Distance: 43.1944"

**669 ea. PICKET**

Total picket length: 24" 1/2" X 1/2" X 20' SQUARE .065 TUBING PICKET  
2 Welds per PICKET

**96 ea. PICKET**

Total picket length: 62" 1/2" X 1/2" X 20' SQUARE .065 TUBING PICKET  
2 Welds per PICKET

**94 ea. PICKET**

Total picket length: 62.25" 1/2" X 1/2" X 20' SQUARE .065 TUBING PICKET  
2 Welds per PICKET

**96 ea. PICKET**

Total picket length: 62.75" 1/2" X 1/2" X 20' SQUARE .065 TUBING PICKET  
2 Welds per PICKET

**92 ea. PICKET**

Total picket length: 63.625" 1/2" X 1/2" X 20' SQUARE .065 TUBING PICKET  
2 Welds per PICKET

**100 ea. PICKET**

Total picket length: 64.625" 1/2" X 1/2" X 20' SQUARE .065 TUBING PICKET  
2 Welds per PICKET

**91 ea. PICKET**

Total picket length: 66.125" 1/2" X 1/2" X 20' SQUARE .065 TUBING PICKET  
2 Welds per PICKET

**50 ea. PICKET**

Total picket length: 68" 1/2" X 1/2" X 20' SQUARE .065 TUBING PICKET  
2 Welds per PICKET

**619 ea. TRIM OPTION**

3" BLACK BUTTERFLY SCROLL

**ASSEMBLY INSTRUCTIONS:**

**Rail Position:**

Bottom of TOP RAIL is 58" from top of BOTTOM RAIL.  
Bottom of 1st MIDDLE RAIL is 53" from top of BOTTOM RAIL.  
Bottom of 2nd MIDDLE RAIL is 24" from top of BOTTOM RAIL.  
Bottom of all PICKETS are 0" from top of BOTTOM RAIL.

**Picket Spacing:**

Center to center picket spacing between first & second pickets: 2.0893"  
Center to center picket spacing between second & first pickets: 2.0893"