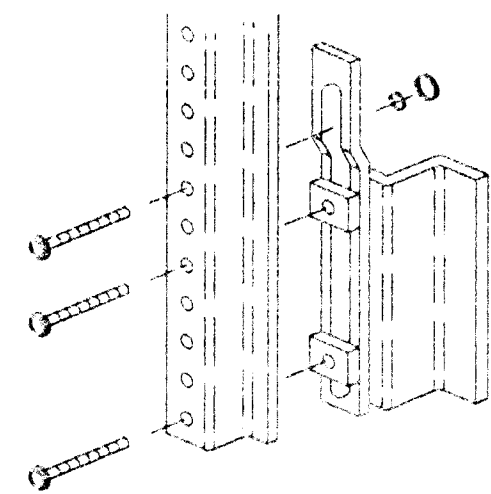




5/16" Light Lock Washer (Steel)

1/2" Post

Sign Face

eg. SF Hex. (el)

5/16" x 2 1/4" Carriage Bolt

7'-0" (Min.)

1'-0" (Min.)

Ground Line

Sign Post Anchor

V-Loc Socket System by Foresight Industries, Inc. Box 1067, Cheyenne, Wyo. 82001, or approved equal. Alternate anchor systems must provide evidence of crash testing and approval by FHWA prior to approval by the Engineer.

W = Face to Face of Curb

W/3

8" Rail

45° (Typ.)

End of Roadway Marker (Typ.)

Posts as Req'd. (Typ.)

Red Colored Stripes on White Background

4" Min.

1 1/2" Min.
(Typ.)

Length Varies 24" to 48" by 6" Increments

6 3/16"

1 1/8"

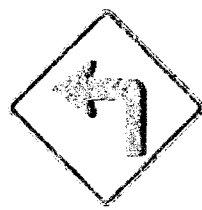
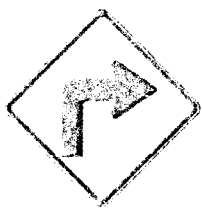
4"

5/8"

Topeka

4" Upper Case Series "C"

3" Lower Case Series "C"

		
R6-1R (36" x 12")	R6-1L (36" x 12")	
		
W1-1L (30" x 30")	W1-1R (30" x 30")	R1-1 (30" x 30")
		
R4-7 (24" x 30") (18" x 24")	W14-2 (30" x 30")	R1-2 (36" x 36" x 36")
		

Length Varies 24" to 43" by 6" Increments

9"

2 1/4" 5" D. for Case 1 3/4" Series "C"

1 1/2" Min.

2 1/2" Min.

1 1/2" Min.

3" Series "A" Direction

Technical drawing of a mechanical part, likely a blade, showing dimensions and angles. The drawing includes a side view on the left and a top view on the right.

Side View Dimensions:

- Top angle: 25°
- Top width: $0.091"$
- Bottom width: $0.034"$
- Bottom angle: 250°
- Blade width: $6.75"$
- Overall height: $9.00"$

Top View Dimensions:

- Width: $7.5"$

STREET NAME		NO. BLADES REQ'D	
		6 3/4" STD	8" METRO
24th St	1300W		
Wild Rose	(3000N)		1
Wild Rose		1	
Wild Rose Ct	(3002-3003)		1
Wild Rose Ct	(3024-3025)		1

NOTE: REFERENCES BELOW TO "STANDARD SPECIFICATIONS" DENOTE "STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION, EDITION 1990" BY THE KANSAS DEPARTMENT OF TRANSPORTATION.

1. POST ANCHORS. POSTS SHALL BE ANCHORED WITH A YIELDING BASE POST 3" DIAMETER AS DETAILED.
2. POSTS FOR TRAFFIC CONTROL SIGNS. POSTS SHALL CONFORM TO THE REQUIREMENTS OF SUBJECT 1620 OF THE STANDARD SPECIFICATIONS EXCEPT THAT ALL POSTS SHALL WEIGH 3 LBS /FOOT MINIMUM.
3. POSTS FOR STREET NAME SIGNS. POSTS SHALL BE 4 FEET LONG, CONSTRUCTED FROM 2 1/2" O.D. GALVANIZED STEEL PIPE WEIGHING A MINIMUM OF 3.65 POUNDS PER FOOT. POSTS SHALL BE POSITIONED SO THAT THE BOTTOM BLADE IS 10 FEET ABOVE GRADE.
4. SIGN BLANKS FOR TRAFFIC CONTROL SIGNS. SIGN BLANKS SHALL BE FABRICATED FROM 0.080" ALUMINUM ALLOY 6061-T6 CONFORMING TO THE REQUIREMENTS OF SUBJECT 1626 OF THE STANDARD SPECIFICATIONS.
5. SIGN BLADES FOR STREET NAME SIGNS. EXTRUDED ALUMINUM BLADES SHALL BE 2 1/2" MINIMUM ALLOY CONFORMING TO 6061-T6 OR 6062-T351 (ASTM SPECIFICATION 31.03) MATERIAL. BLADES SHALL HAVE AN ALDINE OR POSTHASTE ETCHED FINISH. BLADES SHALL HAVE SQUARE CORNERS AND NO HOLES.
6. BLADES BEARING THE STREET NAMES SHALL BE FIRMLY ATTACHED TO THE POST AND NOT ALLOWED TO SWAY USING ALLEN TYPE SET SCREWS. THE BLADES SHALL BE ORIENTED PARALLEL TO THE STREET.
7. MOUNTING BRACKETS FOR STREET NAME SIGNS. DIE-CAST ALUMINUM BRACKETS SHALL BE 2 1/2" MINIMUM ALLOY 360 HAVING A TENSILE STRENGTH OF 14,000 PSI. THE BRACKETS SHALL BE SMOOTHLY FINISHED FREE OF BURRS, CHIPS, AND FLYS. EACH BRACKET SHALL BE TAPPED AND DRILLED FOR SIXTY (60) ANCHORED ALLEN TYPE SET SCREWS HAVING SELF-LOCKING SAW-TOOTH ENDS.
8. FASTENERS. ALL STEEL FASTENERS FOR TRAFFIC CONTROL SIGNS SHALL BE GALVANIZED AND SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1614 OF THE STANDARD SPECIFICATIONS.
9. REFLECTIVE SHEETING. REFLECTIVE SHEETING SHALL BE TYPE II - HIGH PERFORMANCE CLASS HA IN ACCORDANCE WITH SUBSECTION 2201 OF THE STANDARD SPECIFICATIONS.
10. PROCESS INK. ALL PROCESS INK SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 2202 OF THE STANDARD SPECIFICATIONS.
11. DETAILS - REGULATORY AND WARNING SIGNS SHALL CONFORM TO THE DETAILS IN "STANDARD HIGHWAY SIGNS", FHWA, 1979.
12. DETAILS - STREET NAME SIGNS. THE REFLECTIVE SHEETING FOR THE 6 3/4" STANDARD SIZE STREET NAME SIGN IS TO BE HIGHWAY GREEN REVERSE STEERED BACKGROUND WITH SILVER-WHITE #2 COPY WITH 4" UPPER CASE AND 3" LOWER CASE PRIMARY COPY AND SUFFIX COPY. THE 3" SERIES #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #00, #01, #02, #03, #04, #05, #06, #07, #08, #09, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #00, #01, #02, #03, #04, #05, #06, #07, #08, #09, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #00, #01, #02, #03, #04, #05, #06, #07, #08, #09, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #00, #01, #02, #03, #04, #05, #06, #07, #08, #09, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #00, #01, #02, #03, #04, #05, #06, #07, #08, #09, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #00, #01, #02, #03, #04, #05, #06, #07, #08, #09, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #00, #01, #02, #03, #04, #05, #06, #07, #08, #09, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #00, #01, #02, #03, #04, #05, #06, #07, #08, #09, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #3

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS

Designed by	MWB, GDD	Checked by	
Drawn by	DEP	Date	FEB., 1994
		Job No.	93694