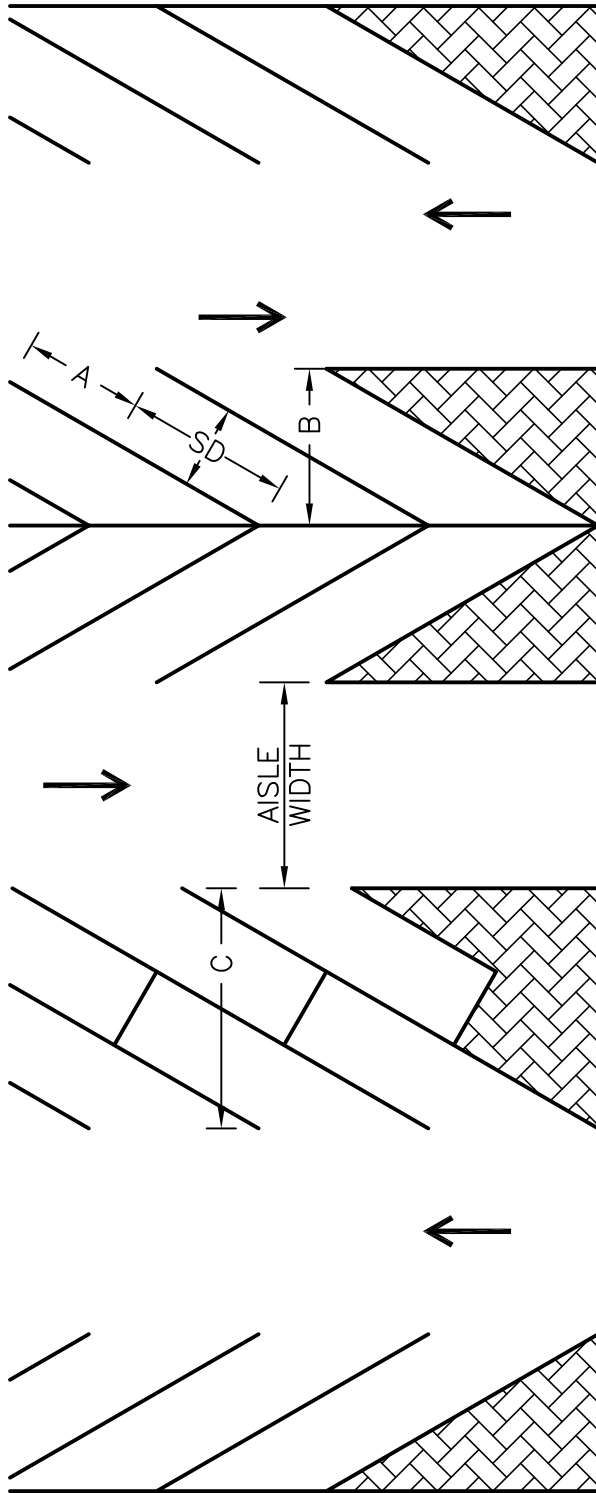


STALL DIMENSIONS (SD)		
SIZE OF CAR	SHORT TERM	LONG TERM
SMALL	7'6"x15'0"	7'3"x15'0"
STANDARD	8'8"x17'0"	8'4"x17'0"

AISLE WIDTH											
SIZE OF CAR	ONE-WAY					TWO-WAY					
	PAR.	30°	45°	60°	90°	PAR.	30°	45°	60°	90°	
SMALL	8'	8'	10'	12'	15'	14'	14'	16'	18'	18'	
STANDARD	10'	10'	12'	18'	22'	21'	21'	23'	25'	25'	

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>PARKING STALL DIMENSIONS</b> <b>PARALLEL PARKING</b>			
<i>Donald Nelson</i> ASST. CITY ENGINEER		<i>Keith W. Finner</i> DIRECTOR	
SHT 1 OF 5 SHTS	DATE REVISED 12/1/11	PLATE NO. 8-01	REV. A



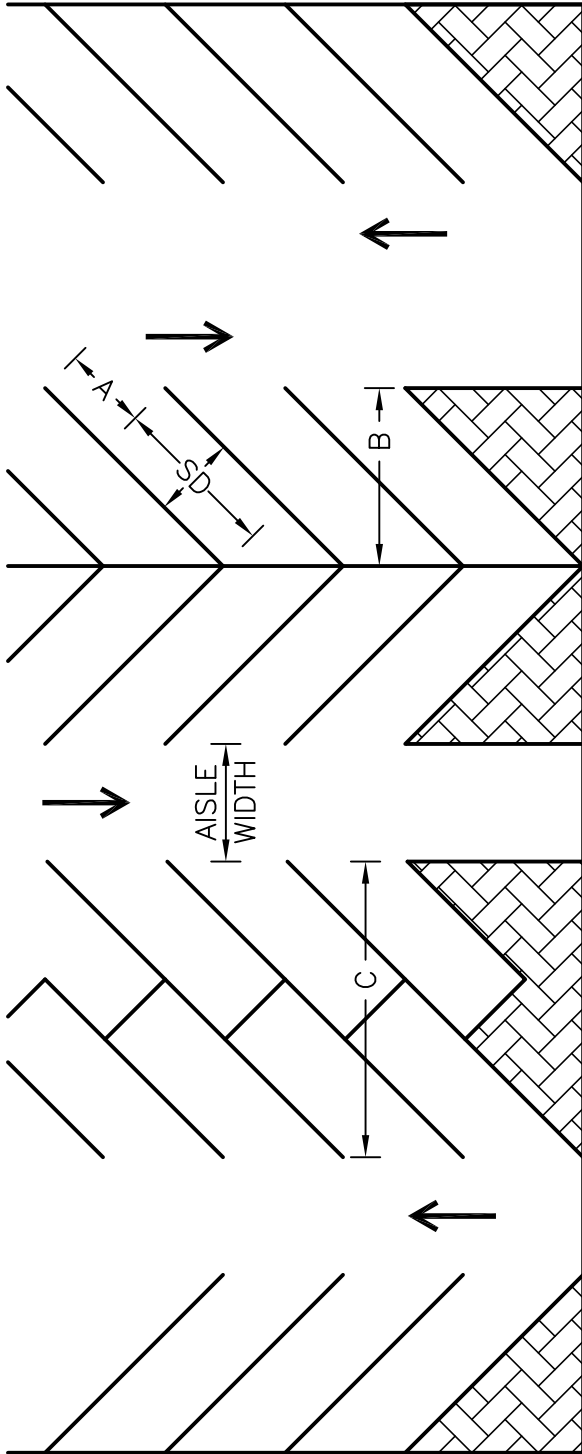
STALL DIMENSIONS (SD)				
SIZE OF CAR	SHORT TERM	A	B	C
SMALL	7'6"x15'0"	12'11"	14'0"	21'6"
STANDARD	8'8"x17'0"	15'0"	16'0"	24'6"
	LONG TERM			
SMALL	7'3"x15'0"	12'7"	13'9"	21'3"
STANDARD	8'4"x17'0"	14'5"	15'9"	24'3"

AISLE WIDTH		
SIZE OF CAR	ONE-WAY	TWO-WAY
SMALL	8 FT.	14 FT.
STANDARD	10 FT.	21 FT.

DEPARTMENT OF PUBLIC WORKS  
CITY OF ROCHESTER, MINNESOTA

## PARKING STALL DIMENSIONS 30° PARKING

<i>Donald Nelson</i> ASST. CITY ENGINEER	<i>Keith W. Finner</i> DIRECTOR		
SHT 2 OF 5 SHTS	DATE REVISED 12/1/11	PLATE NO. 8-01	REV. A



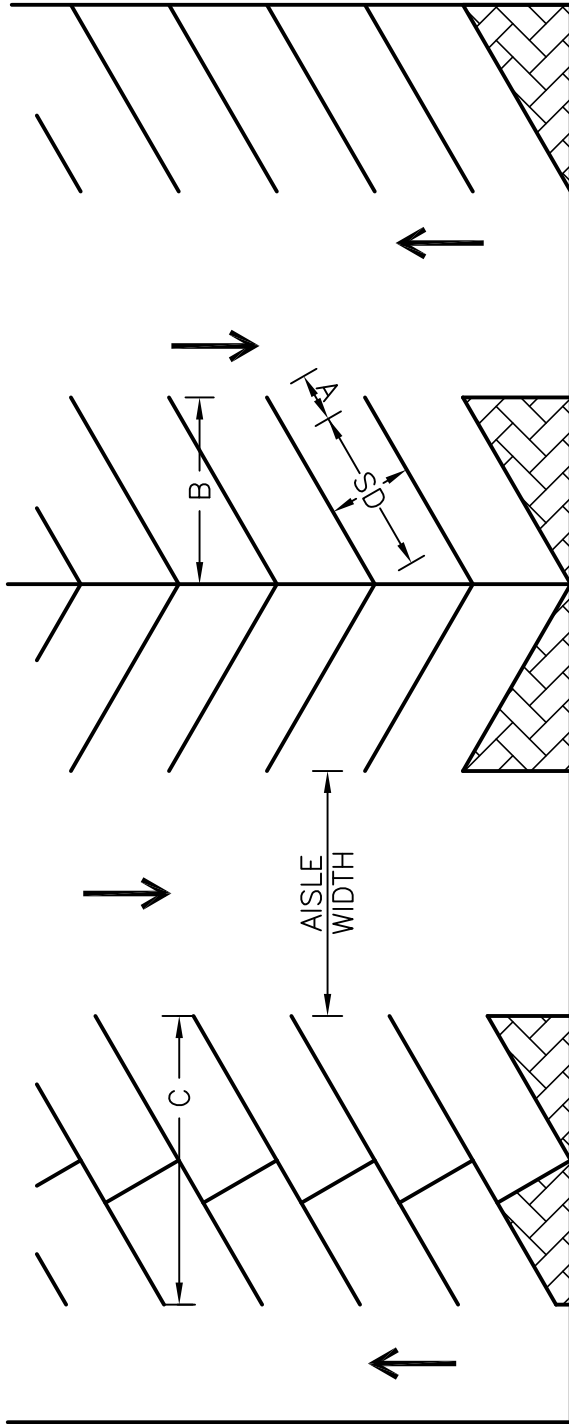
STALL DIMENSIONS (SD)				
SIZE OF CAR	SHORT TERM	A	B	C
SMALL	7'6"x15'0"	7'6"	15'11"	26'6"
STANDARD	8'8"x17'0"	8'8"	18'2"	30'2"
LONG TERM				
SMALL	7'3"x15'0"	7'3"	15'9"	26'4"
STANDARD	8'4"x17'0"	8'4"	17'11"	29'11"

AISLE WIDTH		
SIZE OF CAR	ONE-WAY	TWO-WAY
SMALL	10 FT.	16 FT.
STANDARD	12 FT.	23 FT.

DEPARTMENT OF PUBLIC WORKS  
CITY OF ROCHESTER, MINNESOTA

## PARKING STALL DIMENSIONS 45° PARKING

<i>Donald Nelson</i> ASST. CITY ENGINEER	<i>Keith W. Finner</i> DIRECTOR		
SHT 3 OF 5 SHTS	DATE REVISED 12/1/11	PLATE NO. 8-01	REV. A



STALL DIMENSIONS (SD)

SIZE OF CAR	SHORT TERM	A	B	C
SMALL	7'6"x15'0"	4'4"	16'9"	29'9"
STANDARD	8'8"x17'0"	5'0"	19'1"	33'9"
	LONG TERM			
SMALL	7'3"x15'0"	4'2"	16'7"	29'7"
STANDARD	8'4"x17'0"	4'10"	18'11"	33'7"

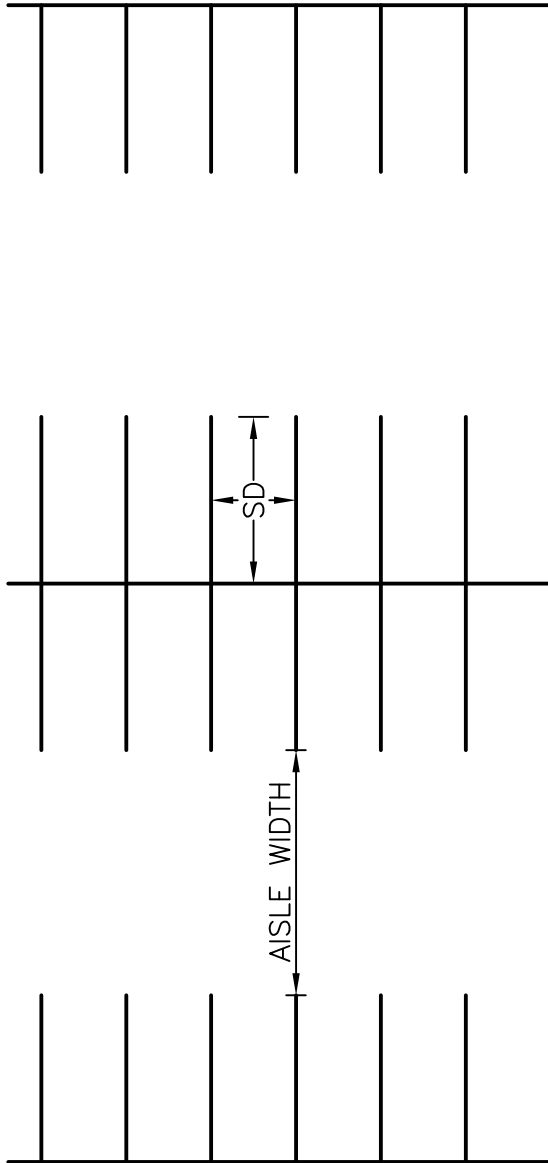
AISLE WIDTH

SIZE OF CAR	ONE-WAY	TWO-WAY
SMALL	12 FT.	18 FT.
STANDARD	18 FT.	25 FT.

DEPARTMENT OF PUBLIC WORKS  
CITY OF ROCHESTER, MINNESOTA  
**PARKING STALL DIMENSIONS**  
**60° PARKING**

*Donald Nelson* ASST. CITY ENGINEER      *Keith W. Finner* DIRECTOR

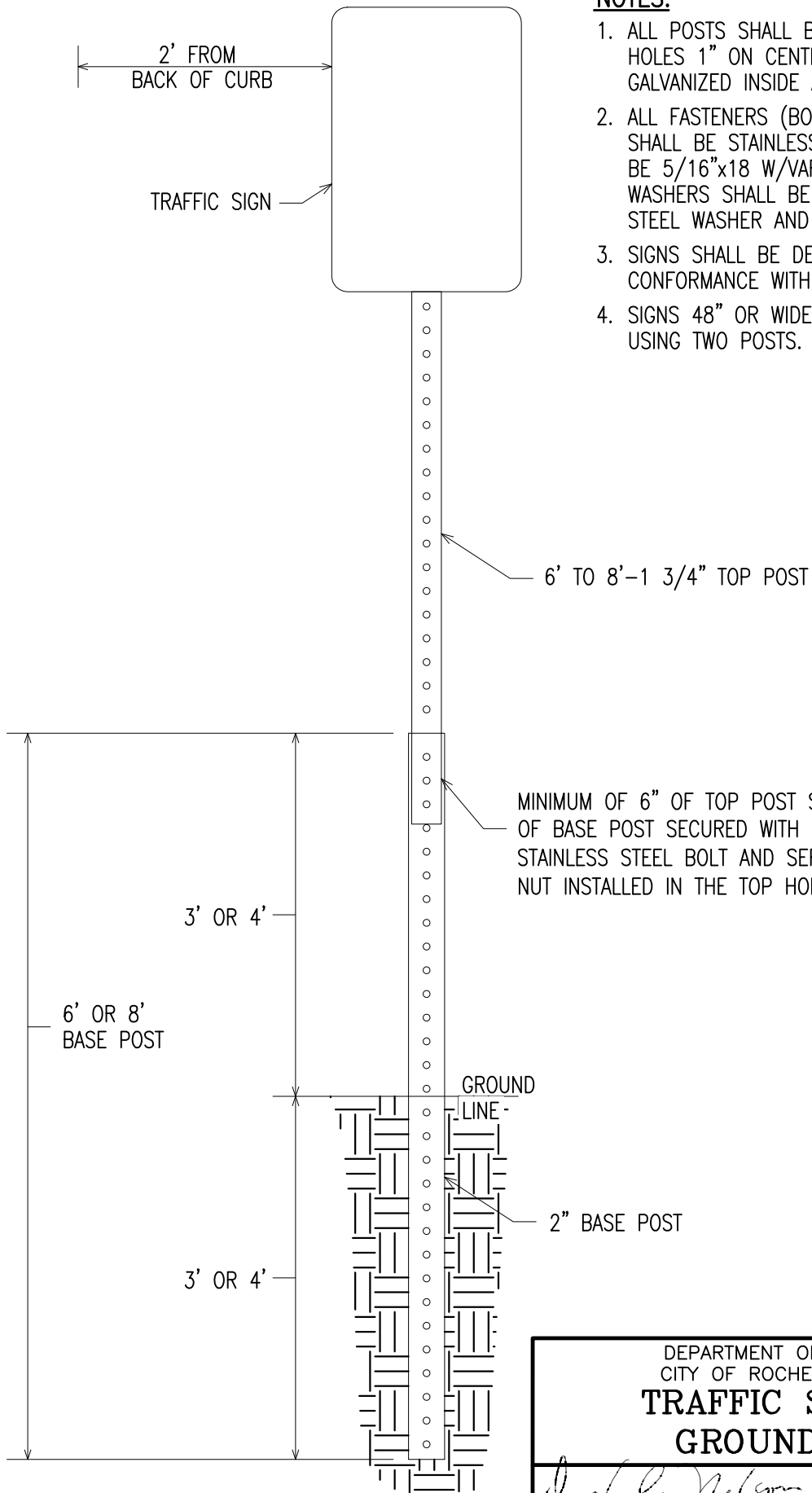
SHT 4 OF 5 SHTS      DATE REVISED 12/1/11      PLATE NO. 8-01      REV. A



STALL DIMENSIONS (SD)		
SIZE OF CAR	SHORT TERM	LONG TERM
SMALL	7'6"x15'0"	7'3"x15'0"
STANDARD	8'8"x17'0"	8'4"x17'0"

AISLE WIDTH		
SIZE OF CAR	ONE-WAY	TWO-WAY
SMALL	15 FT.	18 FT.
STANDARD	22 FT.	25 FT.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>PARKING STALL DIMENSIONS</b> <b>90° PARKING</b>			
<i>Donald Nelson</i> ASST. CITY ENGINEER		<i>Richard W. Finner</i> DIRECTOR	
SHT 5 OF 5 SHTS	DATE REVISED 12/1/11	PLATE NO. 8-01	REV. A

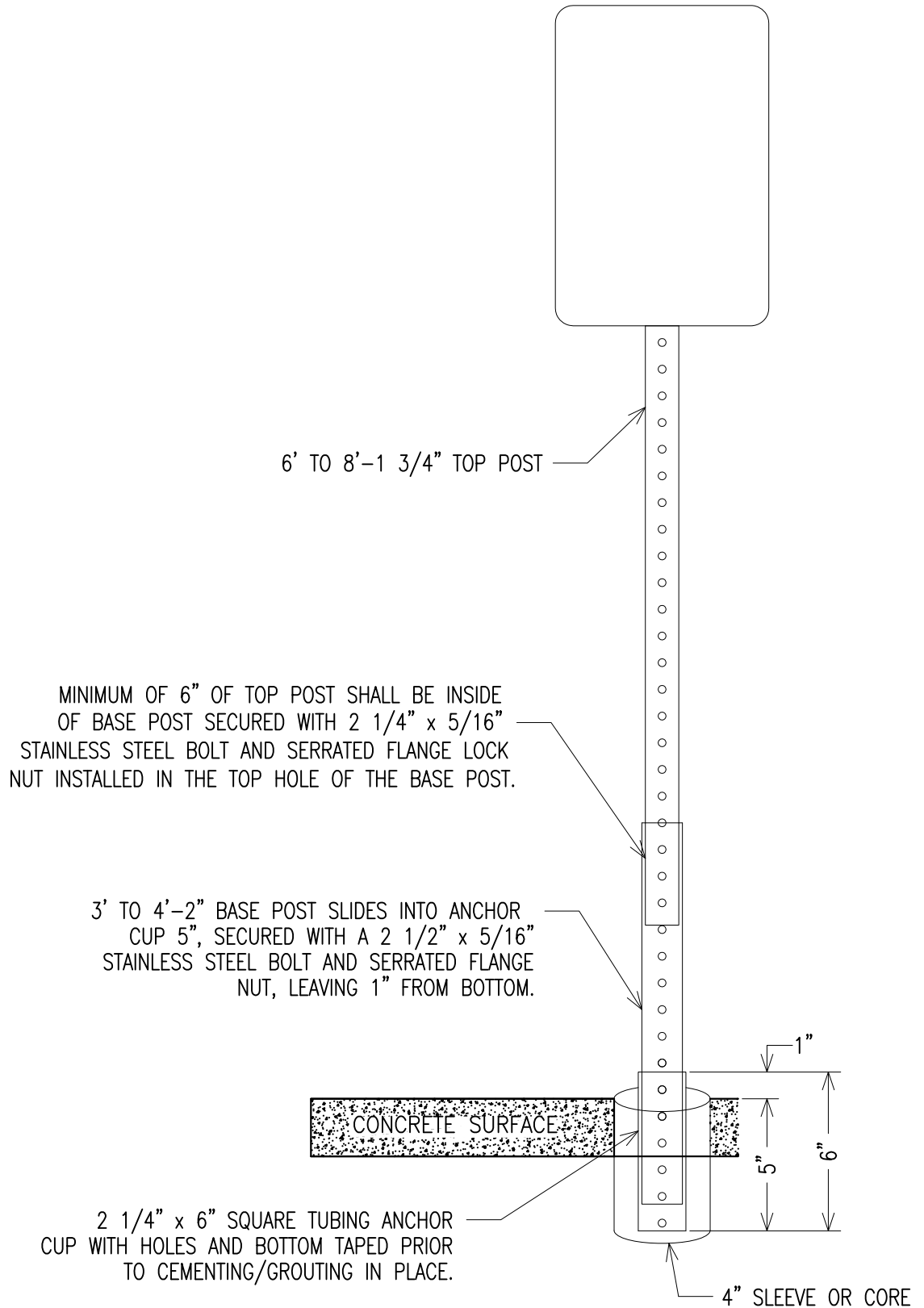


**NOTES:**

1. ALL POSTS SHALL BE SQUARE TUBING WITH HOLES 1" ON CENTER, 12 GA. STEEL, GALVANIZED INSIDE AND OUT.
2. ALL FASTENERS (BOLTS, NUT AND WASHERS) SHALL BE STAINLESS STEEL. ALL BOLTS WILL BE 5/16"x18 W/VARIED LENGTH. NYLON WASHERS SHALL BE USED BETWEEN THE STEEL WASHER AND THE SIGN FACE.
3. SIGNS SHALL BE DESIGNED AND MOUNTED IN CONFORMANCE WITH MN/MUTCD.
4. SIGNS 48" OR WIDER SHALL BE INSTALLED USING TWO POSTS.

MINIMUM OF 6" OF TOP POST SHALL BE INSIDE OF BASE POST SECURED WITH 2 1/4" x 5/16" STAINLESS STEEL BOLT AND SERRATED FLANGE LOCK NUT INSTALLED IN THE TOP HOLE OF THE BASE POST.

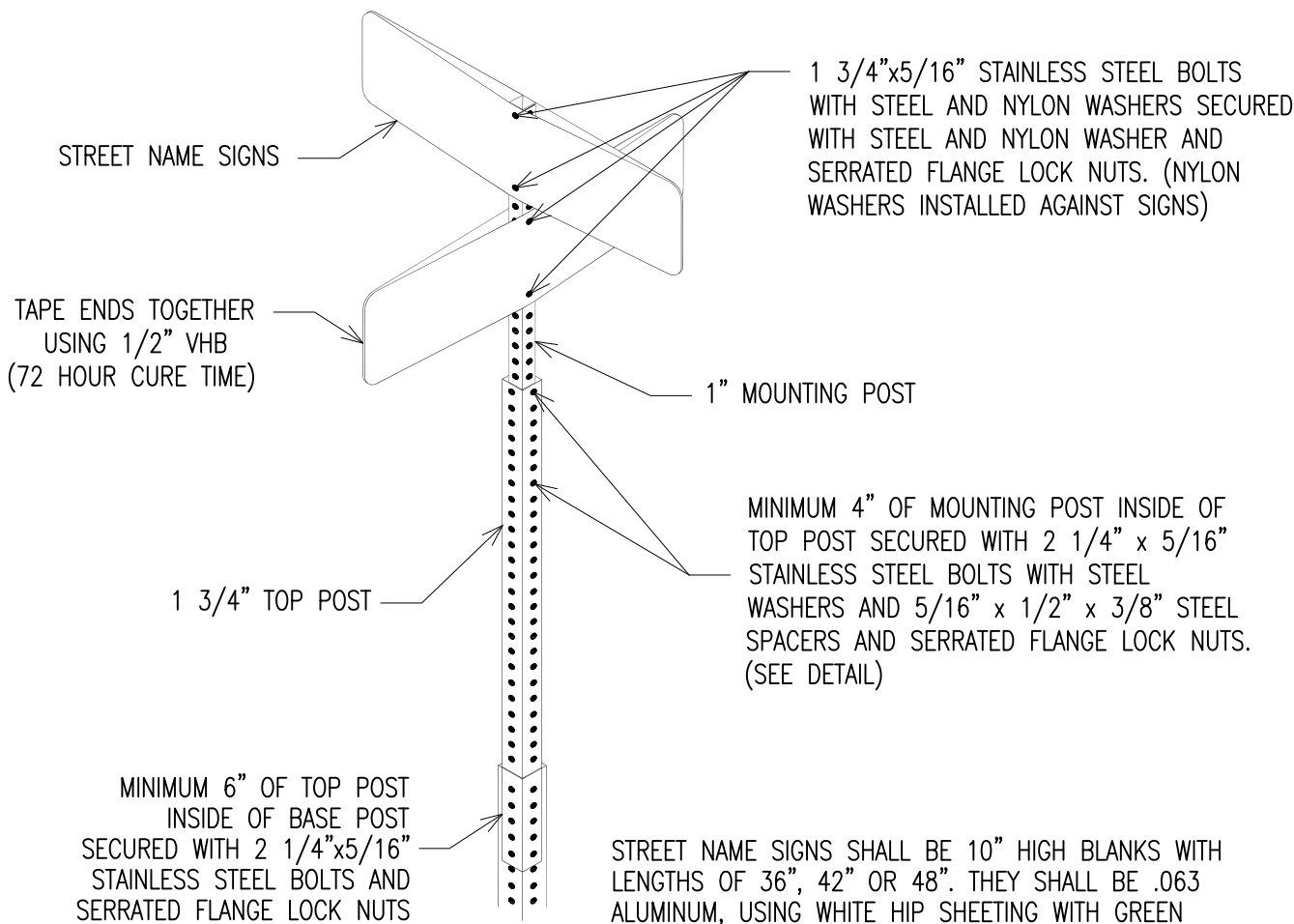
DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>TRAFFIC SIGN POST</b> <b>GROUND MOUNT</b>			
<i>Douglas Nelson</i> ASST. CITY ENGINEER		<i>Keith W. Friend</i> DIRECTOR	
SHT 1 OF 3 SHTS	DATE REVISED 1/20/17	PLATE NO. 8-02	REV. A



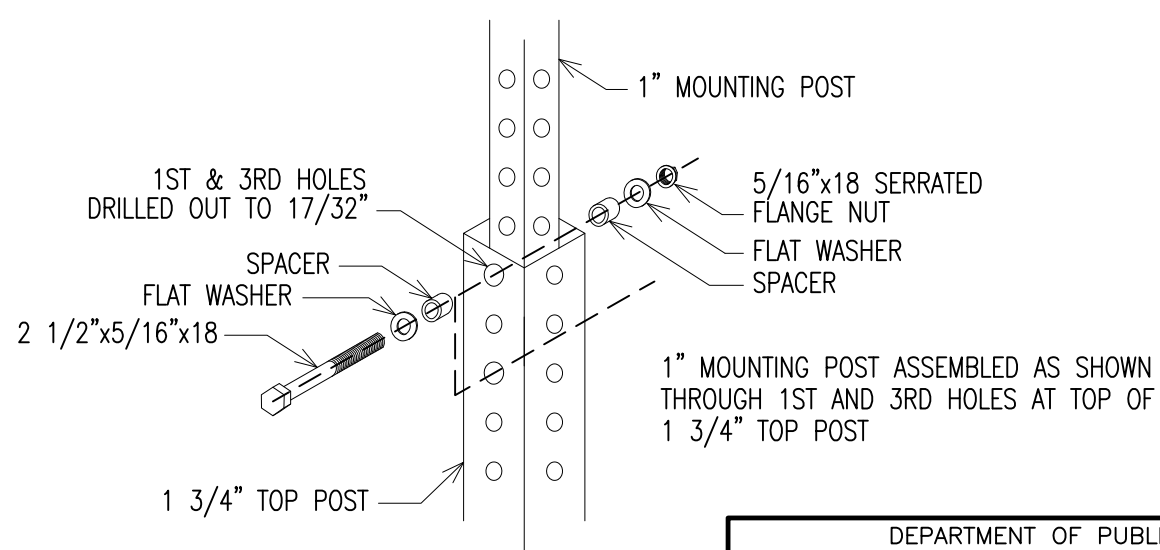
**NOTE:**

USE A 4" CYLINDER FORM (REMOVED BEFORE CEMENTING/GROUTING THE ANCHOR/BASE CUP) PRIOR TO POURING CONCRETE SURFACE, OR CORE A 4" HOLE IN THE EXISTING CONCRETE AT SIGN LOCATIONS FOR CEMENTING/GROUTING THE 6" ANCHOR/BASE CUP INPLACE. (INCIDENTAL)

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>TRAFFIC SIGN POST          MOUNTED IN CONCRETE</b>			
<i>Douglas Nelson</i> ASST. CITY ENGINEER		<i>Keith W. Friend</i> DIRECTOR	
SHT 2 OF 3 SHTS	DATE REVISED 1/20/17	PLATE NO. 8-02	REV. A



STREET NAME SIGNS SHALL BE 10" HIGH BLANKS WITH LENGTHS OF 36", 42" OR 48". THEY SHALL BE .063 ALUMINUM, USING WHITE HIP SHEETING WITH GREEN FILM, LEAVING 1/2" OUTSIDE BORDER. LETTERING SHALL BE SERIES "C", WITH 6" UPPER AND 4 1/2" LOWER CASE. FOR LONGER NAMES, THE FONT/STROKE CAN BE VARIED TO FIT THE SIGN. NAMES AND ROADWAY TYPES ARE ALWAYS UPPER/LOWER CASE, AND QUADRANTS ARE ALWAYS UPPER CASE.

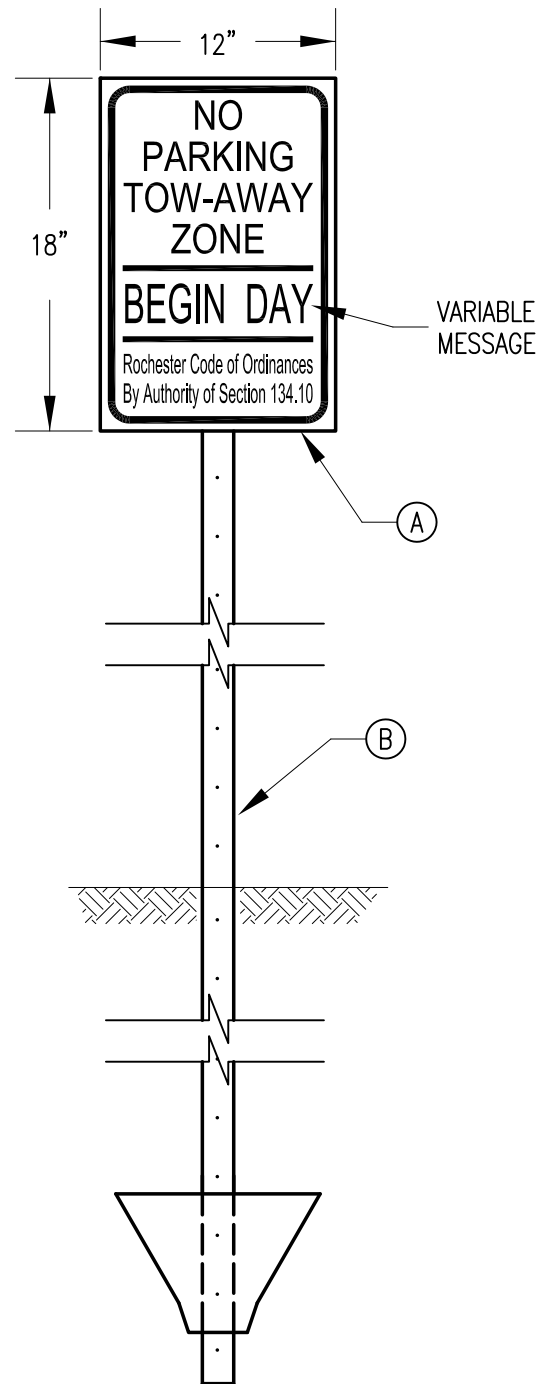


**STREET NAME MOUNTING POST DETAIL**

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA			
<b>STREET NAME SIGN POST DETAIL</b>			
<i>Douglas Nelson</i> ASST. CITY ENGINEER		<i>Keith W. Fries</i> DIRECTOR	
SHT 3 OF 3 SHTS	DATE REVISED 1/20/17	PLATE NO. 8-02	REV. A

SEE SHEETS 1 AND 2 FOR BASE POST MOUNTING DETAIL.





**NOTES**

- (A) SHEET MATERIAL SHALL BE ACRYLIC OR VINYL NON-REFLECTIVE, AND ATTACHED TO POST WITH PLASTIC ZIP TIES (50 LB. TENSILE). ALL LETTERING SHALL BE RED, ON A WHITE BACKGROUND. SIGN SHALL READ "NO PARKING TOW-AWAY ZONE" IN 1.5" LETTERING. SIGN SHALL ALSO READ "ROCHESTER CODE OF ORDINANCES BY AUTHORITY OF SECTION 134.10" IN 1" LETTERING. SIGN SHALL HAVE "BEGIN" IN 2" LETTERING, FOLLOWED BY A CHANGEABLE DAY THE WEEK INSERT, ALSO IN 2" LETTERING.
- (B) STANDARD STEEL T-POST WITH WELDED PLATE SHALL BE A MINIMUM OF 1.26 LBS./FOOT.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA <b>TEMPORARY "TOW-AWAY ZONE"          SIGN FOR CONSTRUCTION</b>			
<i>Douglas Nelson</i> ASST. CITY ENGINEER		<i>Keith W. Fries</i> DIRECTOR	
SHT 1 OF 1 SHTS	DATE REVISED 1/20/17	PLATE NO. 8-03	REV. A