

## WARNING SIGNS

SIGN	SIZE (INCHES)	AREA SQ. FT.	SYMBOL LEGEND BORDER	BACK GROUND	DESCRIPTION
W1-1R	30X30	5.18	BLACK	YELLOW	CURVE SIGN (RIGHT) SHARP
W1-2R	30X30	5.18	BLACK	YELLOW	CURVE SIGN (RIGHT)
W1-1L	30X30	5.18	BLACK	YELLOW	CURVE SIGN (LEFT) SHARP
W1-2L	30X30	5.18	BLACK	YELLOW	CURVE SIGN (LEFT)
W1-3R	30X30	5.18	BLACK	YELLOW	REVERSE CURVE (RIGHT) SHARP
W1-4R	30X30	5.18	BLACK	YELLOW	REVERSE CURVE RIGHT
W1-3L	30X30	5.18	BLACK	YELLOW	REVERSE CURVE (LEFT) SHARP
W1-4L	30X30	5.18	BLACK	YELLOW	REVERSE CURVE (LEFT)
W1-6	48X24	8.0	BLACK	YELLOW	LARGE ARROW SIGN
W1-7	48X24	8.0	BLACK	YELLOW	LARGE ARROW SIGN
W1-8	18X24	3.0	BLACK	YELLOW	CHEVRON
W2-1	30X30	5.18	BLACK	YELLOW	CROSS ROAD
W2-2	30X30	5.18	BLACK	YELLOW	SIDE ROAD
W2-3	30X30	5.18	BLACK	YELLOW	SIDE ROAD
W3-1A	36X36	5.18	BLACK	YELLOW	STOP AHEAD
W3-2A	36X36	9.0	BLACK	YELLOW	YIELD AHEAD
W3-3	36X36	9.0	BLACK	YELLOW	SIGNAL AHEAD
W11-2	30X30	9.0	BLACK	YELLOW	ADVANCE PEDESTIAN CROSSING
W11A-2	30X30	5.18	BLACK	GREEN	PEDESTRIAN CROSSING
S1-1	36X36	9.0	BLACK	YELLOW	ADVANCE SCHOOL CROSSING
S2-1	36X36	9.0	BLACK	YELLOW	SCHOOL CROSSING
OM-4	18X18	2.25	BLACK	RED	OBJECT MARKER

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TRAFFIC SIGN  
DESIGNATIONS

D17-1A



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**TRAFFIC SIGN  
DESIGNATIONS**

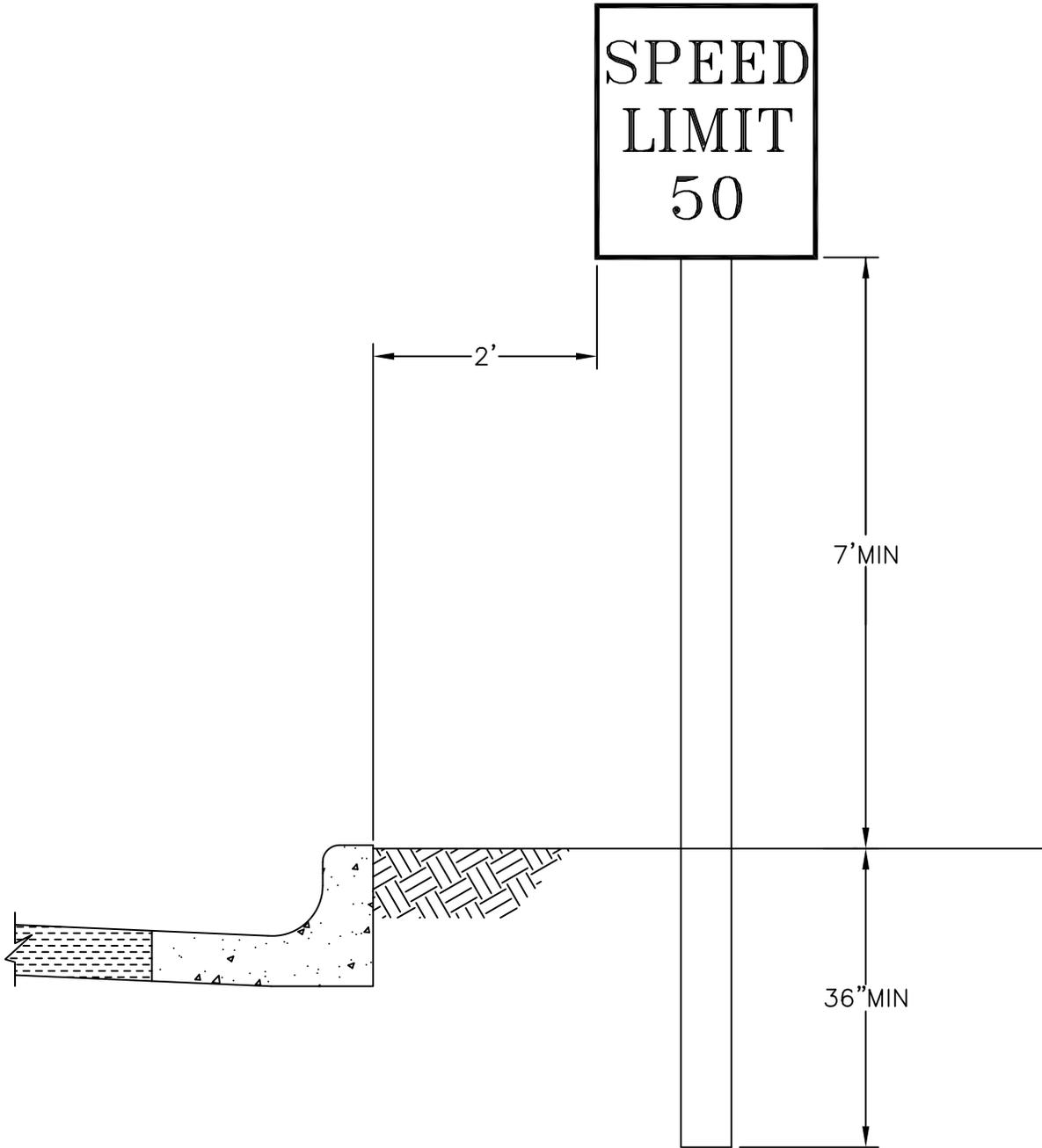
**D17-1B**

**REGULATORY SIGNS**

<b>SIGN</b>	<b>SIZE (INCHES)</b>	<b>AREA SQ. FT.</b>	<b>SYMBOL LEGEND BORDER</b>	<b>BACK GROUND</b>	<b>DESCRIPTION</b>
R1-1	30X30	5.18	WHITE	RED	STOP*
R1-2	38X38X38	3.9	RED	WHITE	YIELD
R1-3	20X9	1.25	WHITE	RED	4-WAY (PLAQUE)
R1-5	20X9	1.25	WHITE	RED	3-WAY (PLAQUE)
R2-1	24X30	5.0	BLACK	WHITE	SPEED LIMIT
R2-5A	30X42	8.75	BLACK	WHITE	REDUCES SPEED AHEAD
R3-1	24X24	4.0	RED	WHITE	NO RIGHT TURN (SYMBOL)
R3-1X	24X18	3.0	BLACK	WHITE	NO RIGHT TURN (PLAQUE)
R3-2	24X24	4.0	RED	WHITE	NO LEFT TURN (SYMBOL)
R3-2X	24X18	3.0	BLACK	WHITE	NO LEFT TURN (PLAQUE)
R3-3	24X24	4.0	BLACK	WHITE	NO TURNS
R3-4	24X24	4.0	RED	WHITE	NO U TURN (SYMBOL)
R3-4X	24X18	3.0	BLACK	WHITE	NO U TURN(PLAQUE)
R3-7R	30X30	6.25	BLACK	WHITE	RIGHT LANE MUST TURN RIGHT
R3-7L	30X30	6.25	BLACK	WHITE	LEFT LANE MUST TURN LEFT
R4-7	24X30	5.0	BLACK	WHITE	KEEP RIGHT (SYMBOL)
R4-7X	24X18	3.0	BLACK	WHITE	KEEP RIGHT (PLAQUE)
R5-1	30X30	6.25	RED	WHITE	DO NOT ENTER
R4-8a	24X30	5.0	BLACK	WHITE	KEEP LEFT (SYMBOL)
R5-9	38X24	6.0	WHITE	RED	WRONG WAY
R6-1L	38X12	3.0	BLACK	BLACK	ONE WAY ARROW (LEFT)
R6-1R	38X12	3.0	BLACK	BLACK	ONE WAY ARROW (RIGHT)
R6-2L	18X24	3.0	BLACK	WHITE	ONE WAY (LEFT)
R6-2R	18X24	3.0	BLACK	WHITE	ONE WAY (RIGHT)

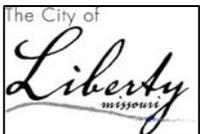
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\* MAY REQUIRE RED VERTICAL POST REFLECTOR



Note: For sign placements where interference with sidewalks or walls are encountered, contractor shall consult with the City Engineer for placement.

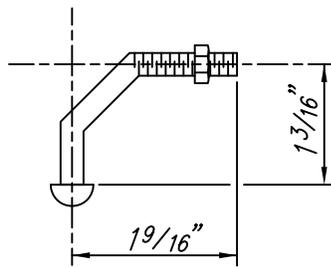
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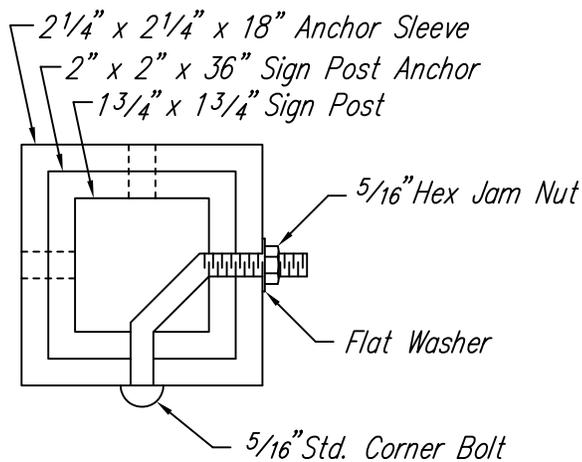
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TYPICAL TRAFFIC  
SIGN PLACEMENT

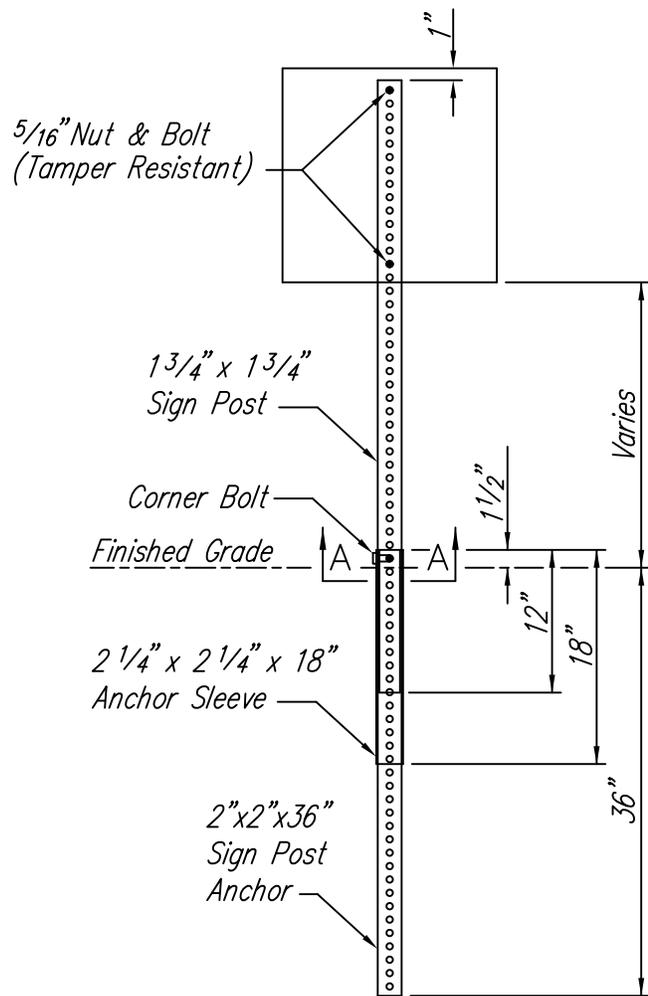
D17-2



BOLT DETAIL



SECTION A-A



ELEVATION

BREAK AWAY SIGN POST DETAIL

*Installation Sequence:*

1. Where conduit is in place, backfill conduit with earth
2. Drive sign post anchor into subgrade.
3. Drive anchor sleeve over the sign post.
4. Insert sign post into the sign post anchor and bolt in place.

*Note:*

*In all installations the first hole above the finished grade level in all three units must be in line for insertion of the corner bolt.*

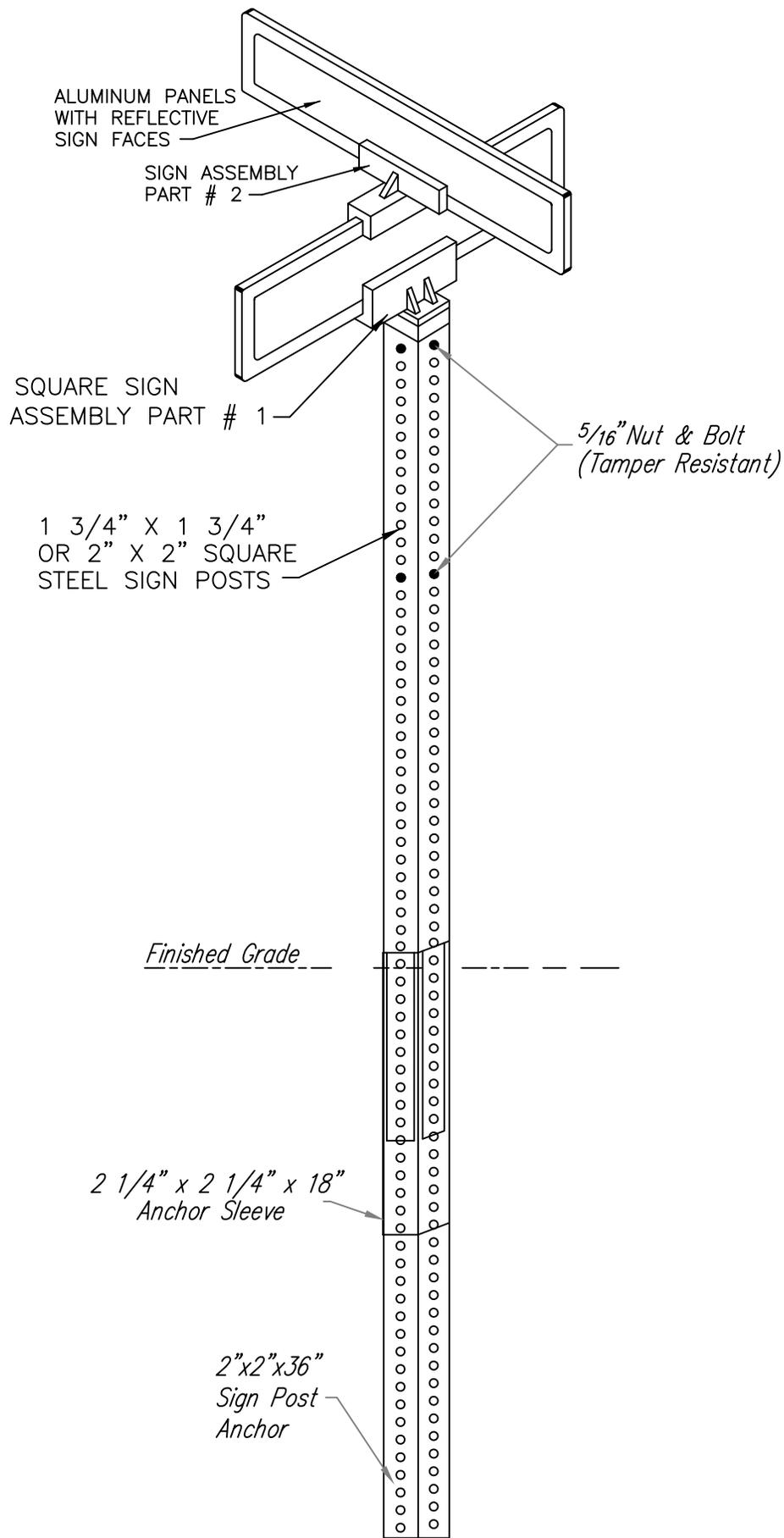
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BREAK AWAY  
SIGN POST  
DETAIL

D17-3



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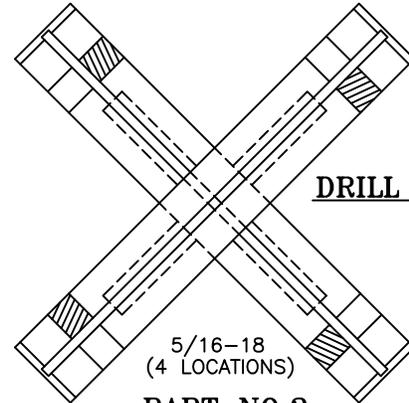
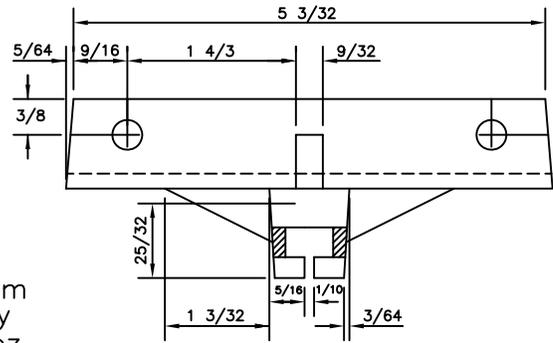


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TYPICAL STREET  
NAME SIGN  
ASSEMBLY

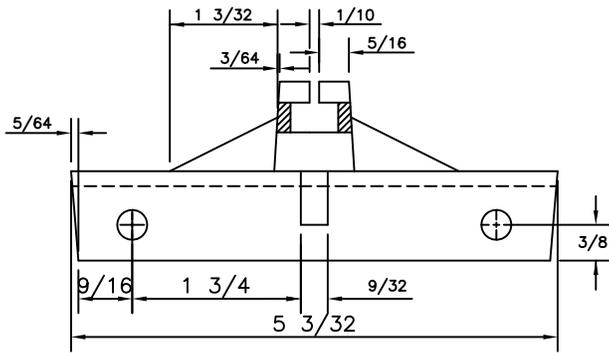
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**PART NO.2  
SIDE VIEW**



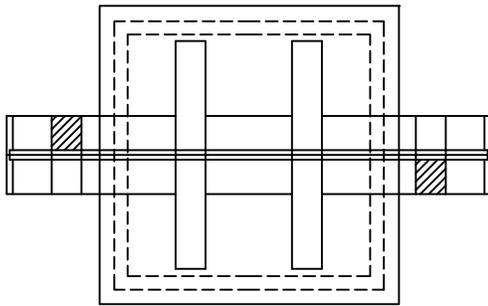
**PART NO.2  
TOP VIEW**

Material— Cost Aluminum  
1 required per Assembly  
net weight approx. 15 oz.



**PART NO.1  
SIDE VIEW**

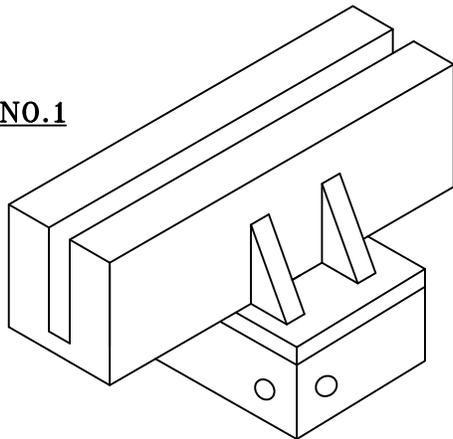
Material – Cost Aluminum  
1 Required per Assembly  
net weight approx. 10 oz.



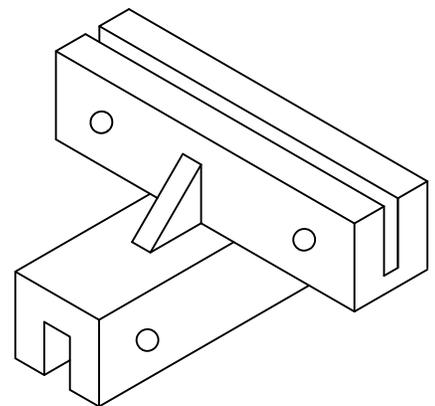
**PART NO.1  
TOP VIEW**

SQUARE SIGN POST BRACKET PARK

**PART NO.1**



**PART NO.2**



Notes:

1. Material: Aluminum #380 Alloy ASTM B85-60T
2. Parts must be free from foreign material.
3. Remove all burrs.
4. The finish casting shall be uniform in composition and as free from blowholes, cracks, shrinks, and other injurious defects as the best commercial practice will permit.
5. Furnish 9 Electro Plated hex head bolts 5/16"x1/2" per assembly.

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STREET NAME  
SIGN ASSEMBLY  
PARTS #1 & #2

D17-5

## STREET NAME SIGN ASSEMBLY

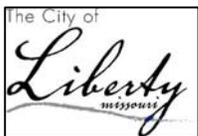
A typical street name sign assembly shall consist of the following

1. Four sign faces of silver color reflective sheeting of appropriate size stenciled by the reverse silk-screen process with transparent blue background or four faces of blue color reflective sheeting with white reflective cut-out letters. The reflective sheeting shall conform to Federal Highway Administration Specification Fp-71, Section 633.06, Table III, Level A.
2. Two extruded aluminum sign plates, .080 inches thick with dimensions of 6 inches high by 24, 30 or 36 inches wide as required by the street name length. The reflective sheeting is to be applied to both sides of each sign panel in accordance with application methods recommended by the manufacturer.

All wording shall be 4 inches, standard alphabet, C series. Prefix and suffix abbreviations shall be 2 inches, standard alphabets, C series. All lettering shall be upper case and the letter size, series and spacing shall conform to the Federal Highway Administration, standard alphabet (1966). The length of the sign shall depend on the length of the total between the street name and degree of sign.

3. Two sign assembly parts (#1 & #2) as indicated on Standard Drawing No.17-6 shall be used to connect the sign assembly to the Telspar Post standard.

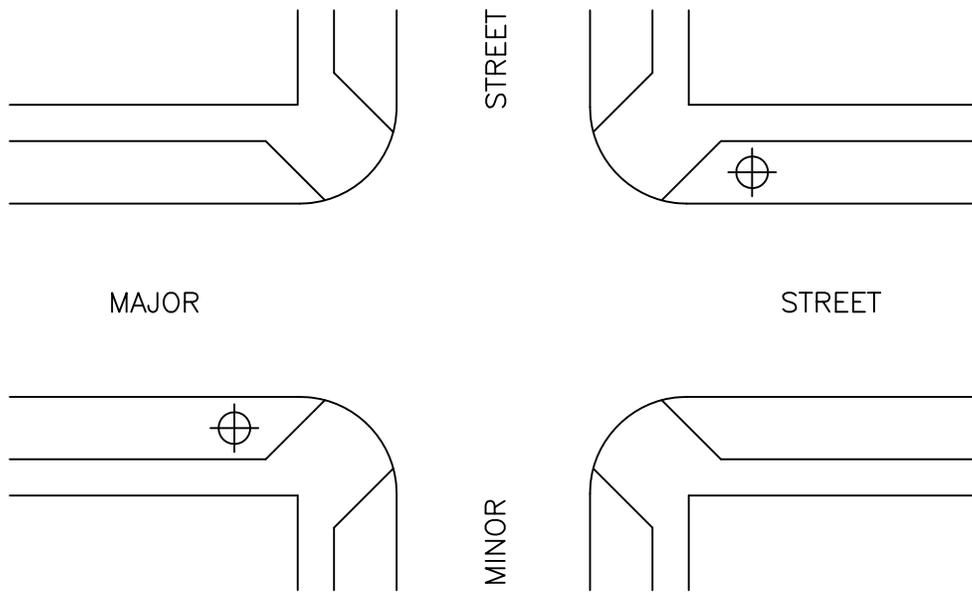
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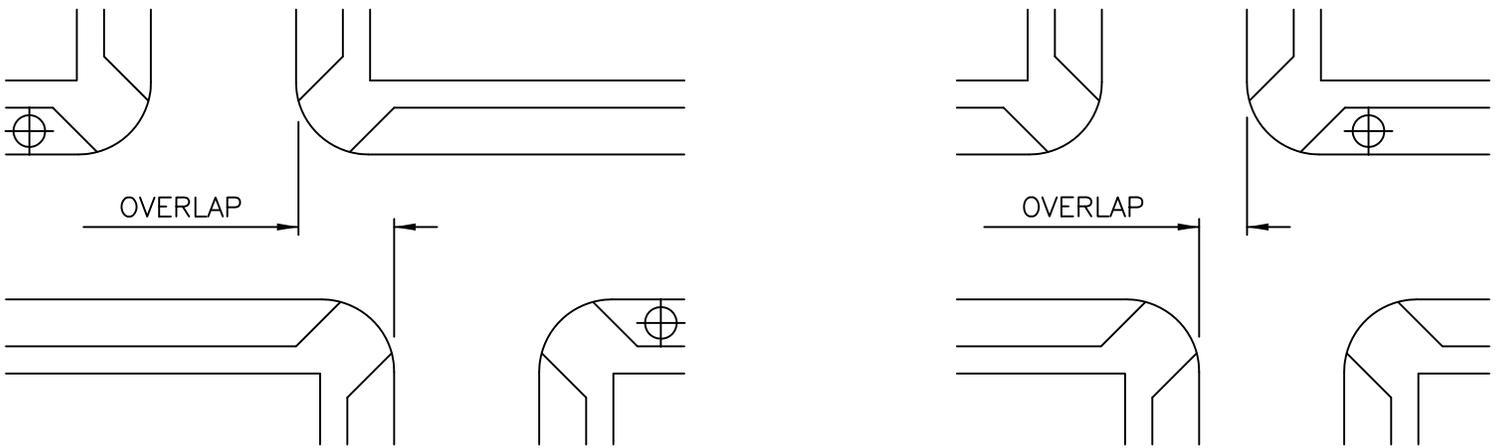
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STREET NAME  
SIGN FABRICATION

D17-6



“FOUR WAY” INTERSECTION



“JOG” INTERSECTIONS

TYPICAL STREET NAME SIGN PLACEMENT

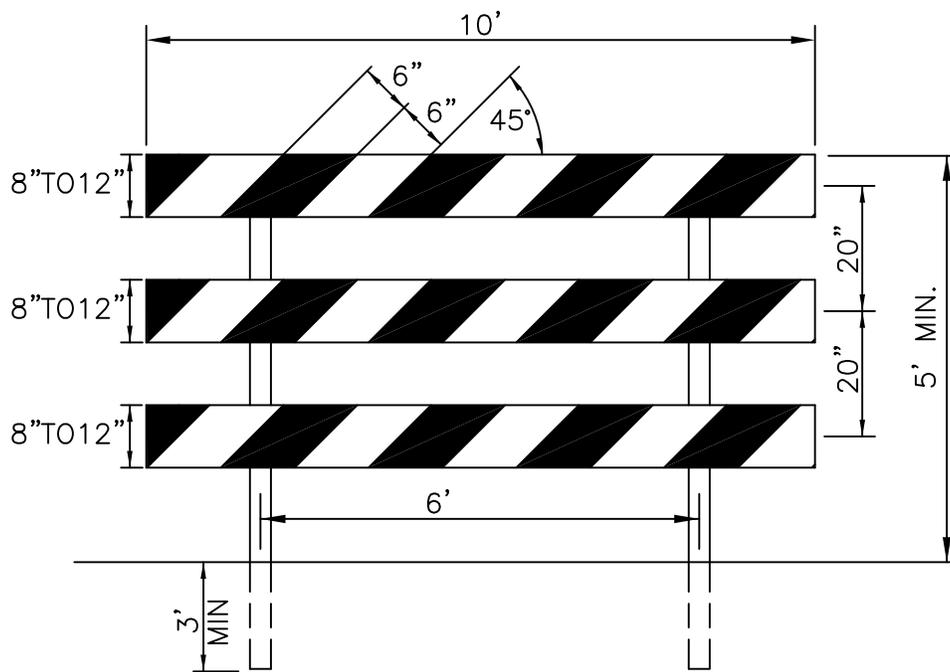
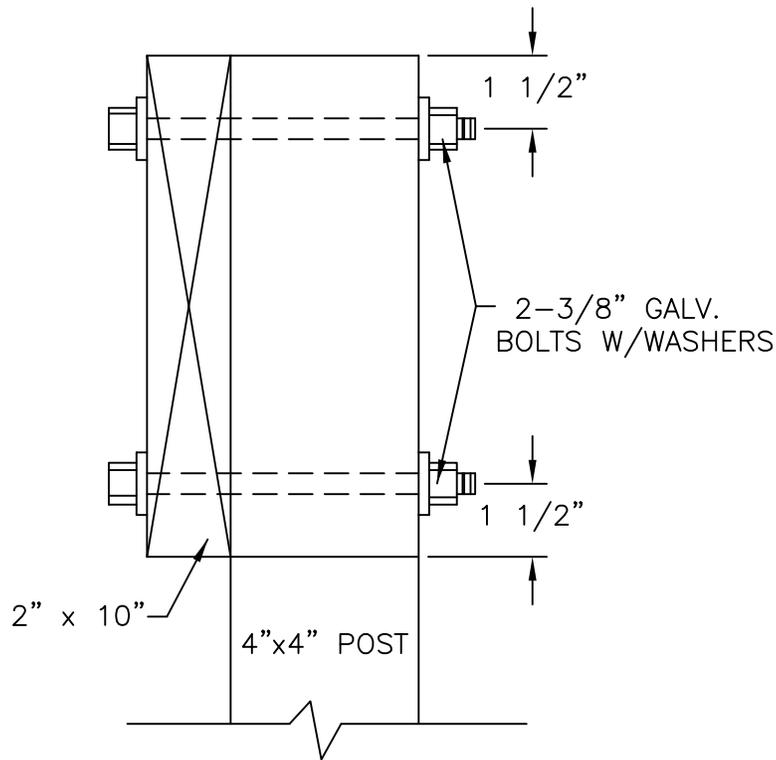
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TYPICAL STREET  
NAME SIGN  
PLACEMENT

D17-7



**TYPE III BARRICADE**

- NOTE: 1. STRIPES SHALL BE MADE WITH ALTERNATING WHITE AND RED REFLECTORIZED SHEETING OR PAINT.
2. POSTS SHALL BE 4"x4" WOLMANIZED PRESSURE TREATED CEDAR PAINTED WHITE.
3. INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD.

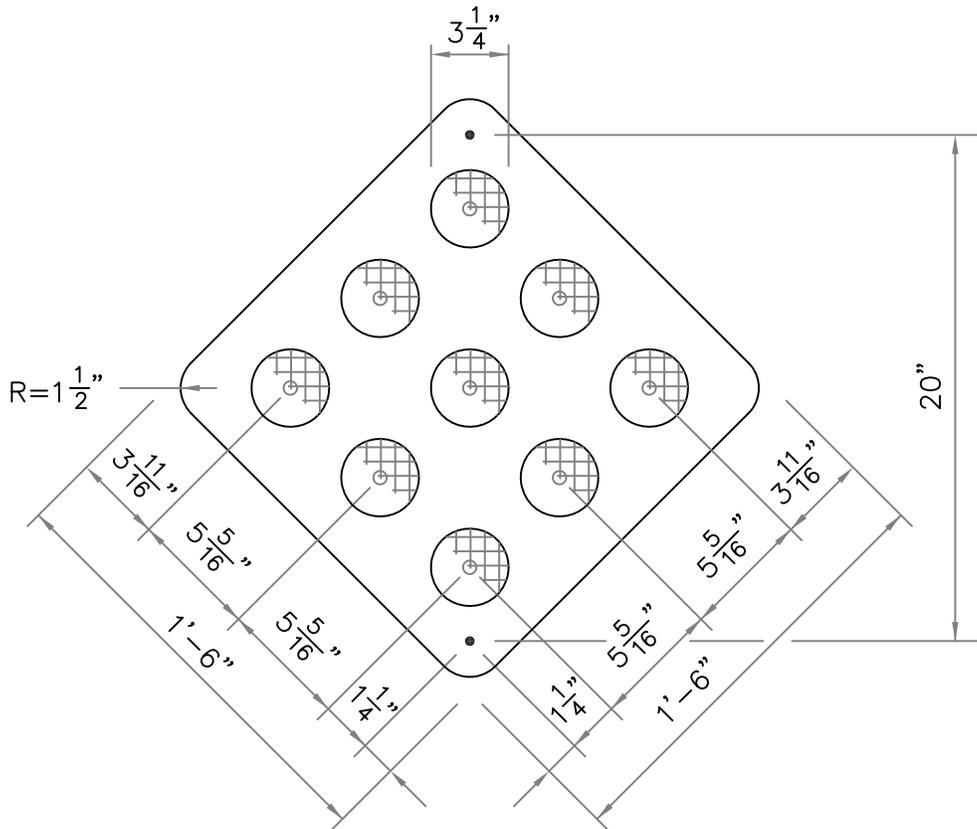
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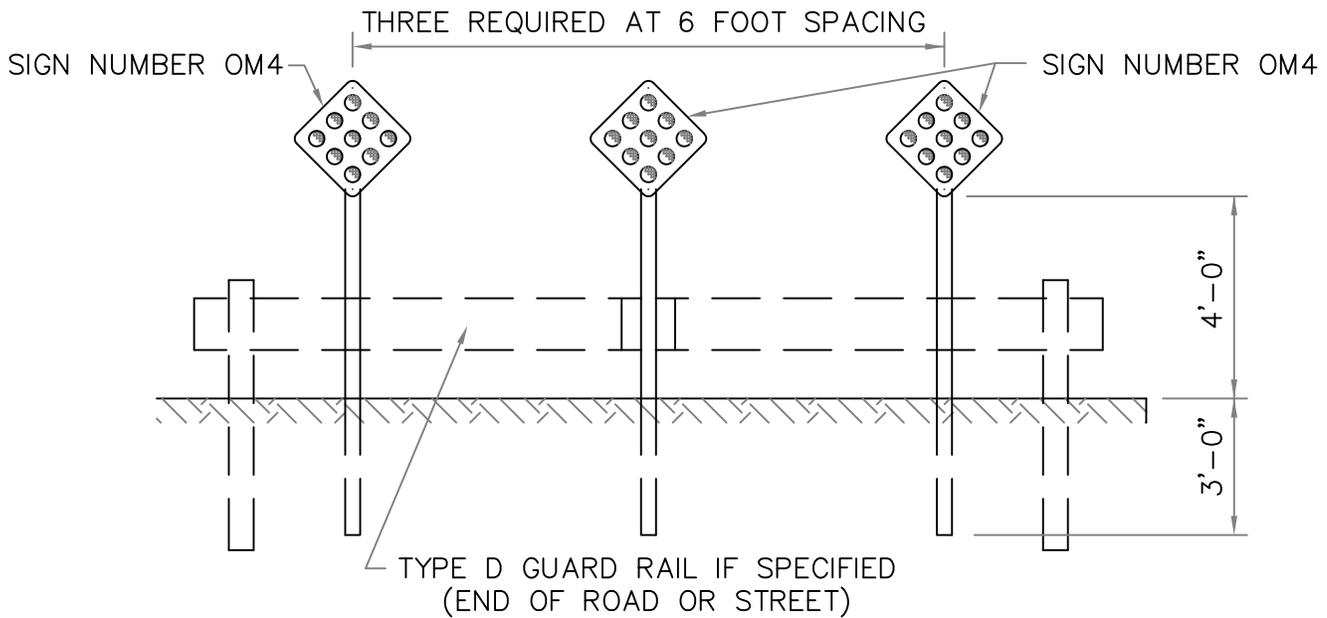
END OF PAVEMENT  
TYPE 3 BARRICADE

D17-8



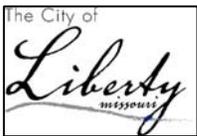
NOTES:  
 THICKNESS OF FLAT SHEET FOR TYPE IV OBJECT MARKERS  
 SHALL BE 0.063". RED REFLECTORS ON RED BACKGROUND.

### SIGN DETAILS



### MOUNTING DETAILS

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END OF PAVEMENT  
 TYPE IV BARRICADE

D17-9