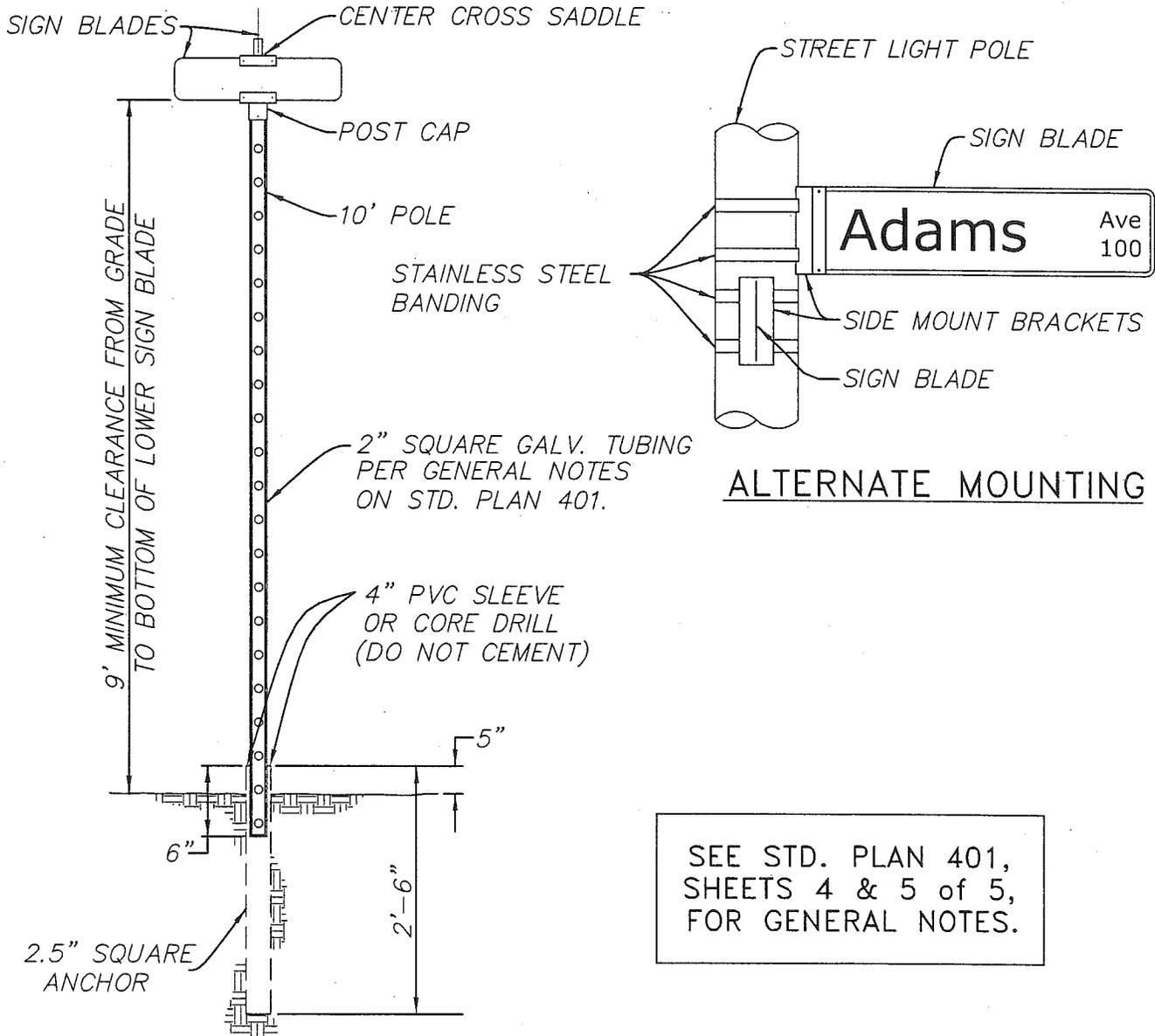
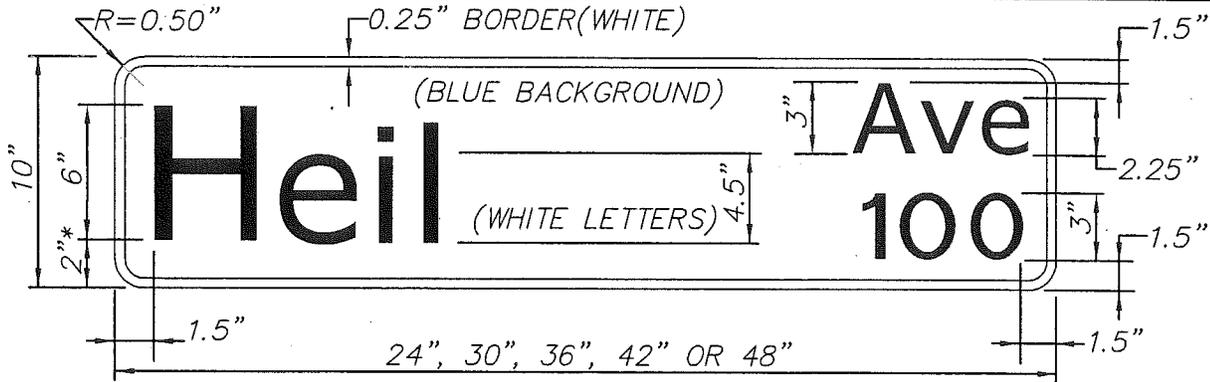


APPLICABLE FOR INTERSECTIONS WHERE EITHER ROADWAY HAS A SPEED LIMIT OF 30MPH OR MORE.  
HIGHWAY GOTHIC SERIES C FONT SHALL BE USED WITH THIS DESIGN LAYOUT.



SEE STD. PLAN 401,  
SHEETS 4 & 5 OF 5,  
FOR GENERAL NOTES.

\*=3" WHERE STREET NAME CONTAINS A LOWER CASE g,j,p,q, OR y.

APPROVED:  
*Ronald Stahl*  
TRANSPORTATION MANAGER

CITY OF HUNTINGTON BEACH  
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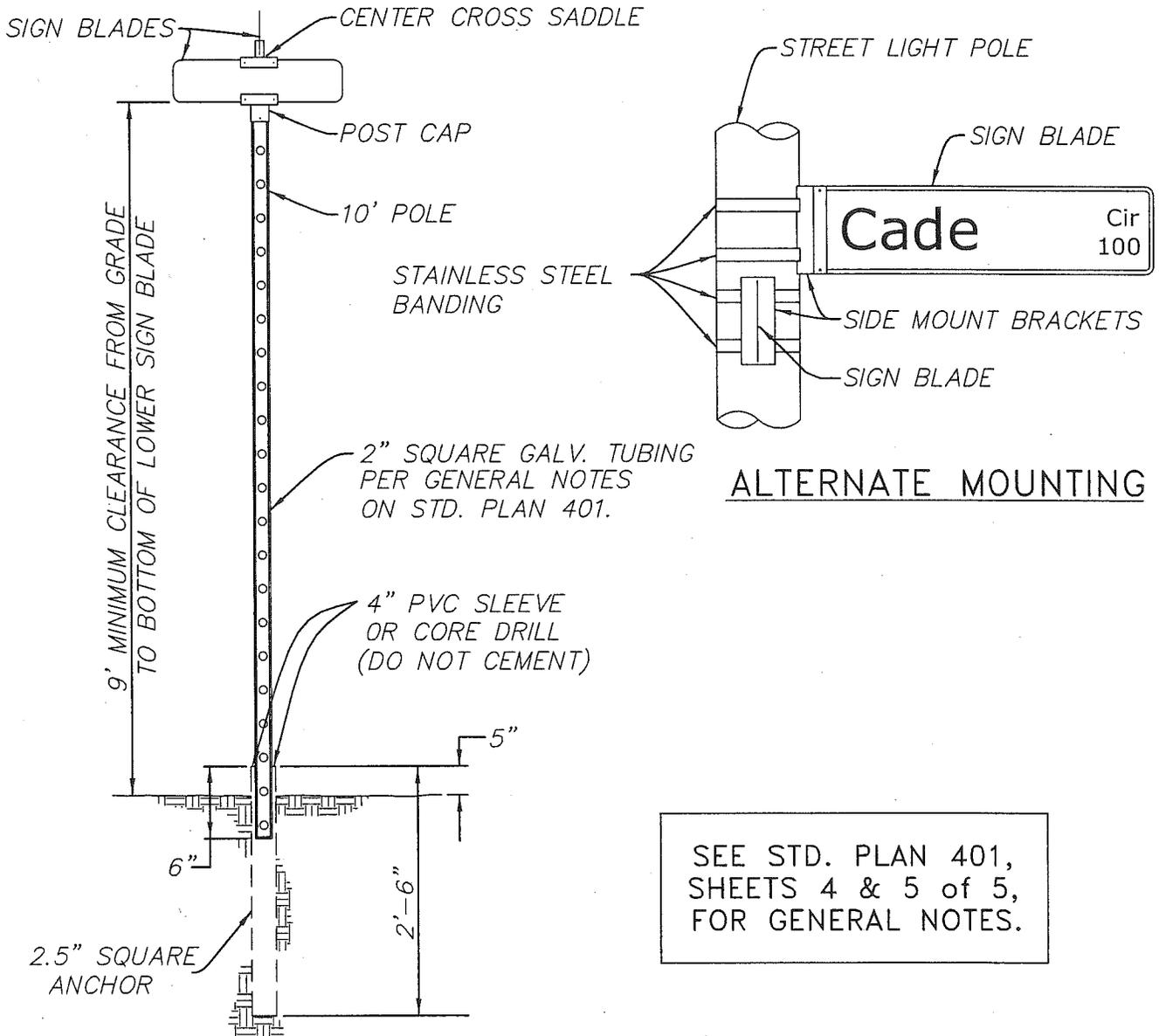
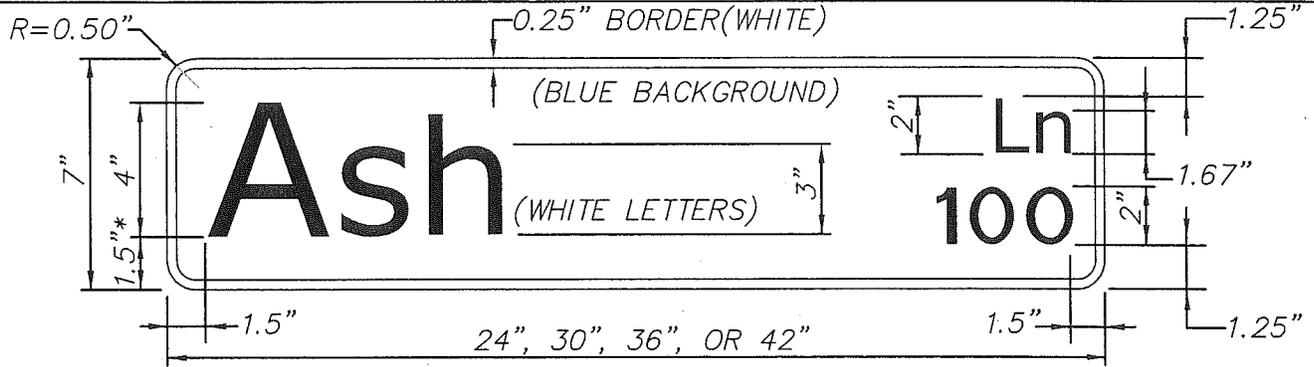


REVISION DATE: 4/14/2016

STREET SIGN ASSEMBLY  
30 MPH OR MORE

STANDARD PLAN  
401  
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APPLICABLE FOR INTERSECTIONS OF TWO ROADWAYS WHERE BOTH HAVE A SPEED LIMIT OF 25MPH OR LESS.  
HIGHWAY GOTHIC SERIES D FONT SHALL BE USED WITH THIS DESIGN LAYOUT.



SEE STD. PLAN 401, SHEETS 4 & 5 of 5, FOR GENERAL NOTES.

\*=2" WHERE STREET NAME CONTAINS A LOWER CASE g,j,p,q,OR y.

APPROVED:

*Robert Stetshel*  
TRANSPORTATION MANAGER

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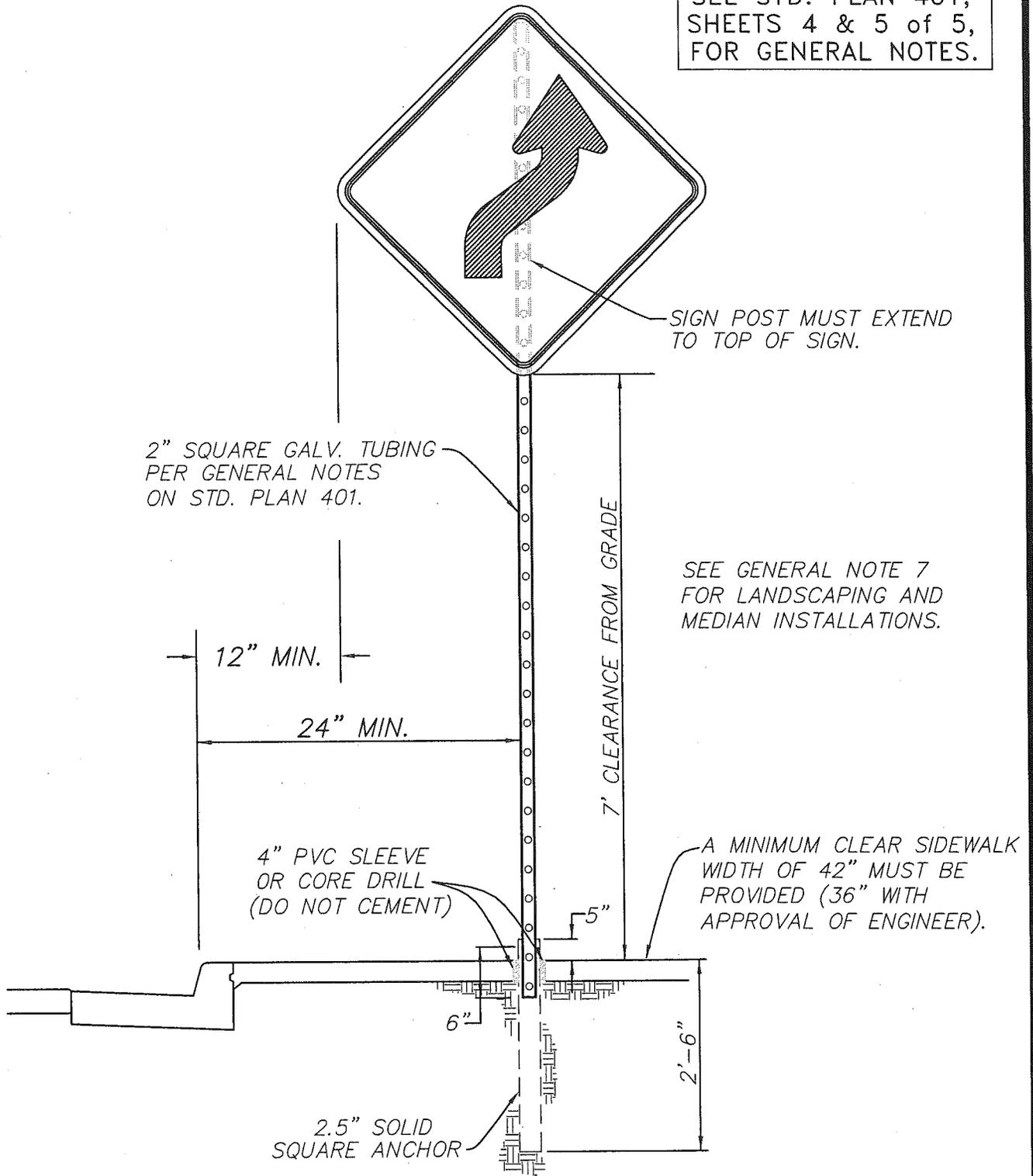


STREET SIGN ASSEMBLY  
25MPH OR LESS

STANDARD PLAN  
401  
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REVISION DATE: 4/14/2016

SEE STD. PLAN 401,  
SHEETS 4 & 5 of 5,  
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STREET SIGN ASSEMBLY

STANDARD PLAN

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GENERAL NOTES:

1. DESIGN

EACH FOUR-WAY UNIT SHALL CONSIST OF TWO DOUBLE-FACED SIGNS WITH STREET NAMES MOUNTED AT RIGHT ANGLES TO EACH OTHER AND PERPENDICULAR TO CORRESPONDING STREETS. LOCATIONS SHALL BE AS SHOWN ON THE PLAN.

2. BRACKET ASSEMBLIES

POST CAP SHALL BE MADE TO MOUNT ON 2" GALVANIZED SQUARE TUBING, CAST IN ONE PIECE. BANDING MATERIAL SHALL BE STAINLESS STEEL STRAPPING. POST CAP AND CENTER CROSS SADDLE SHALL BE ONE PIECE DIE CAST ALUMINUM. SIDE MOUNT BRACKET SHALL BE EXTRUDED ALUMINUM, ONE PIECE.

ALL SETS OF BRACKETS SHALL BE TAPPED AND DRILLED FOR 10-EACH 5/16" DIA. ZINC DICHROMATE PLATED ALLEN-TYPE SET SCREWS, HAVING SELF-LOCKING SAWTOOTH ENDS. ALL BOLTS SHALL HAVE FIBER WASHERS NEXT TO SIGN FACE AND METAL WASHERS NEXT TO BACKING NUT.

3. SIGN POST MATERIAL

SIGN POST SHALL BE 12 GAUGE, 2" GALVANIZED SQUARE TUBING WITH 3/8" HOLES ON ALL 4 SIDES, 1" O.C. (UNISTRUT, TELSPAR, OR APPROVED EQUAL). ANCHOR SHALL BE ONE PIECE, 7 GAUGE, 2.5" SQUARE TUBING (ONE SIZE LARGER), GALVANIZED AFTER FABRICATION, STEEL POSTS SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR HOT ROLLED CARBON SHEET STEEL, COMMERCIAL QUALITY, ASTM DES A-569-72, (IN LINE GALVANIZED ZINC COATING) AND HAVE A CROSS-LINKED POLYURETHANE ACRYLIC EXTERIOR COATING.

4. SIGN BLANK MATERIAL

SIGN BLANKS SHALL BE EXTRUDED FROM 6063T-4 ALUMINUM ALLOY (STREET NAME SIGNS SHALL BE SHEET ALUMINUM 0.125" GAUGE MINIMUM AND ROADWAY SIGNS SHALL BE ALUMINUM 0.80" GAUGE MINIMUM).

5. SIGN FINISH

SIGN FACES SHALL BE HIGH INTENSITY PRISMATIC SHEETING CONFORMING TO ASTM TYPE III. OR GREATER (3M HIGH INTENSITY PRISMATIC SHEETING SERIES 3900 OR APPROVED EQUIVALENT).

SIGN FACES SHALL INCLUDE ANTI-GRAFFITI FILM (3M 1160, NIPPON F-CAL CLEAR EF-40801 OR APPROVED EQUIVALENT).

6. LETTERING

STREET NAME SIGNS ON ARTERIAL ROADWAYS SHALL BE UPPER AND LOWER CASE WITH 6" UPPER CASE AND 4 1/2" LOWER CASE. EACH NAME SHALL BE INDIVIDUALLY LAID OUT TO FIT A 24", 30" 36", 42" OR 48" LENGTH SIGN.

STREET NAME SIGN LETTERING FOR NON-ARTERIAL ROADWAYS SHALL BE 4"

FOR NUMERICAL STREETS THE SUFFIX SHALL LOWER CASE (I.E. 12th).

THE STREET NAME SIGN FONT FOR ROADWAYS WITH A SPEED LIMIT OF 30MPH OR MORE SHALL BE HIGHWAY GOTHIC, SERIES C, UPPER AND LOWER. THE STREET NAME FONT FOR ROADWAYS 25 MPH OR LESS SHALL BE HIGHWAY GOTHIC, SERIES D, UPPER AND LOWER. THE FONT FOR ALL OTHER ROADWAY SIGNS SHALL BE OF THE ROUNDED TYPE CONFORMING WITH THE STANDARD ALPHABET FOR THE STATE OF CALIFORNIA HIGHWAY SIGNS.

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STREET SIGN ASSEMBLY

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GENERAL NOTES: (CONT.)

7. SIGN POST ANCHOR

ROADSIDE SIGNS:

DRIVE SIGN POST ANCHOR INTO GROUND APPROXIMATELY 25"  
(DEPENDING ON LOCAL SOIL CONDITIONS).

MEDIAN SIGNS:  
(STAMPED CONC)

SET SIGN POST ANCHOR INTO GROUND APPROXIMATELY  
6" BELOW FINISHED SURFACE. TOP OF ANCHOR SHOULD  
PROTRUDE APPROXIMATELY 5" ABOVE FINISHED SURFACE.

(LANDSCAPED)

DRIVE SIGN POST ANCHOR INTO GROUND APPROXIMATELY  
1'-6", LEAVING APPROXIMATELY 5" EXPOSED ABOVE GROUND  
FOR CONNECTION (RIVETED).

SIGN POST  
ANCHOR

INSERT SIGN POST AND RIVET IN PLACE WITH TWO (2) 3/8"  
UNIVERSAL HEAD DRIVE RIVETS, ONE PLACED FACING DIRECTION  
OF TRAVEL AND ONE FACING THE CURB.

SIGNS

ALL SIGNS SHALL CONFORM TO THE LATEST STATE OF  
CALIFORNIA MANUAL ON TRAFFIC CONTROL DEVICES (CALIFORNIA  
MUTCD) SIGN SPECIFICATIONS, CALTRANS STANDARD PLANS AND  
CALTRANS STANDARD SPECIFICATIONS. SIGN SIZE SHALL BE THE  
STANDARD SIZE SHOWN IN THE SIGN SPECIFICATIONS UNLESS  
OTHERWISE SHOWN ON THE PLANS.

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STREET SIGN ASSEMBLY

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