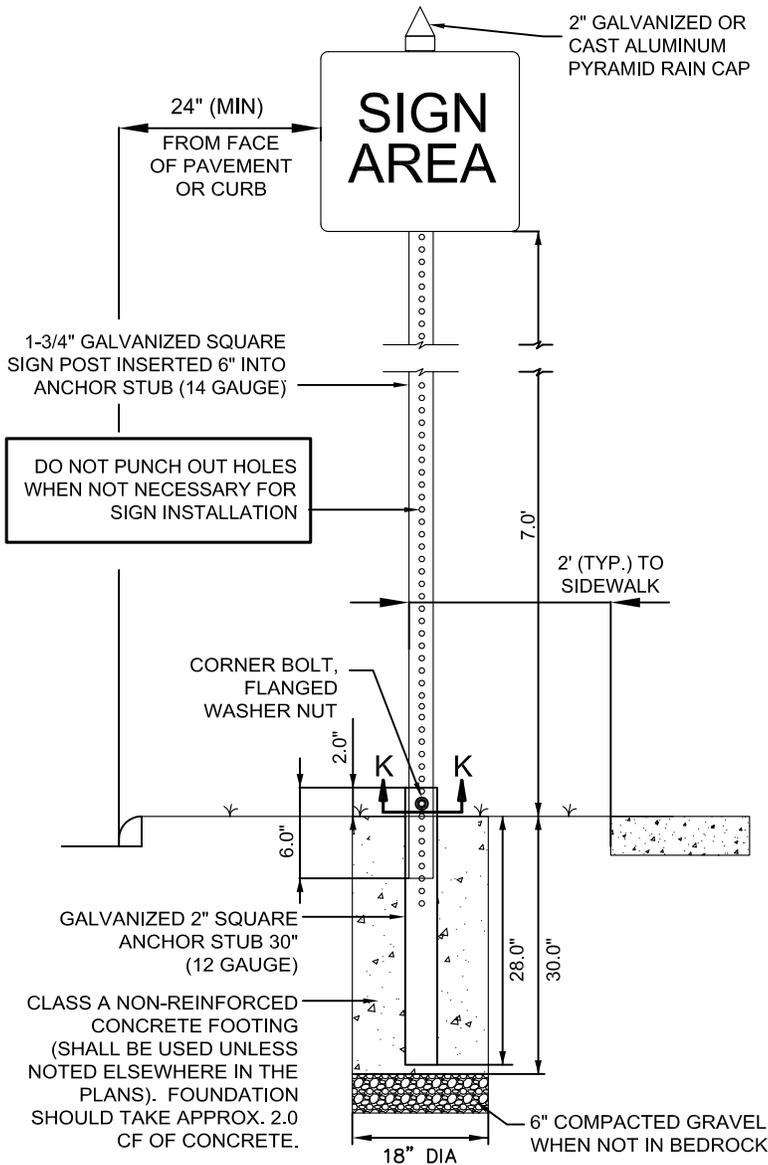
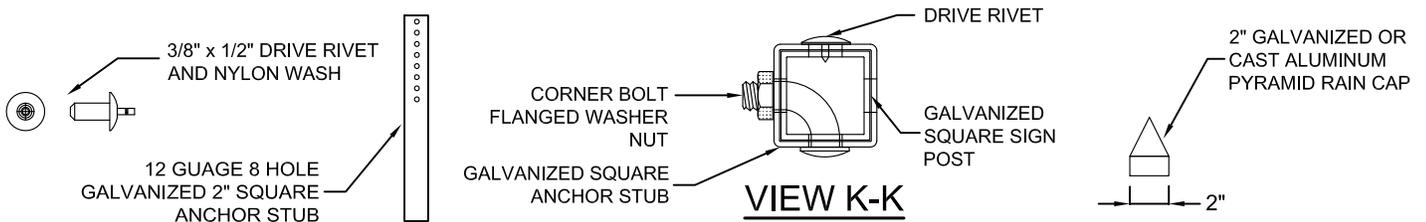


**TYPE "U" MOUNT
PERFORATED SQUARE METAL TUBING**



GENERAL NOTES:

1. Except for posts, clamps, nut and bolts, all components shall be pre-qualified. A list of pre-qualified vendors may be obtained from the TxDOT Material Producer List web page. The website address is: <http://www.txdot.gov/business/producerlist.htm>.
2. Material used as post with this system shall conform to the following
 - 1-3/4" galvanized quick punch square post
 - 14 gauge ASTM A1011
 - 2" galvanized end cap
 - 60,000 PSI minimum yield strength
 - Wall thickness shall be ±.083
 - Sign posts shall be manufactured from hot-dipped galvanized steel conforming to ASTM A653, G90 Structural Quality, Grade 50, Class L
3. Sign blanks shall be the sizes and shapes shown on the plans.
4. Sign anchor stub or sign post shall not be spliced.
5. The bottom of the lowest sign shall be 7'0" from finished grade.
6. Anchor stub shall be 12 gauge 8 hole 2" galvanized square tubing 30" length with the part number 795176 from Allied Tube or approved equal.
7. Pyramid rain cap shall be 2" galvanized steel or cast aluminum with the part number ARC200 from Allied Tube or approved equal.



ANCHOR SYSTEM INSTALLATION PROCEDURE

1. Dig foundation hole to a minimum depth of 30", and 36" if not in bedrock.
2. Place concrete into hole until it is approximately flush with the ground. Concrete shall be Class A.
3. Insert square socket into concrete until top of socket is approximately 2" above the concrete footing.
4. Plumb the socket. Allow a minimum 4 days for concrete to set, unless otherwise directed by Engineer.
5. Attach the sign to the sign post.
6. Insert the sign post into socket and align sign face with roadway.
7. Secure post to 30" to anchor stub (12 gauge).

REV. DATE: 05/04/16

CITY OF CEDAR PARK
ENGINEERING DEPARTMENT

STREET NAME SIGN POLE

DARWIN MARCHELL
APPROVED

05/04/16
DATE

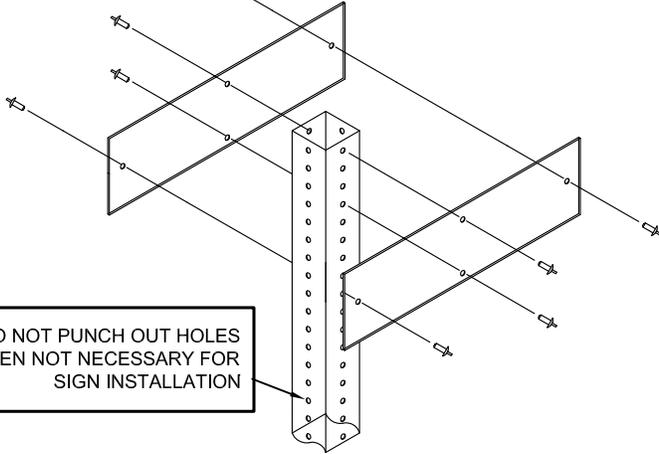
ADOPTED: 05/04/2016
SCALE: N.T.S.
INITIAL:

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GROUND MOUNTED STREET NAME SIGN

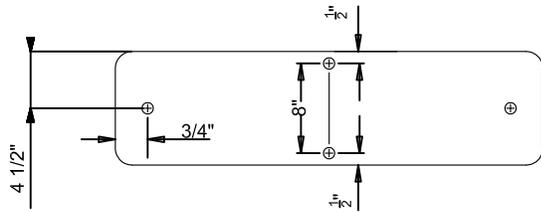


3/8" x 1/2" DRIVE RIVET
AND NYLON WASHER



SIGN TO POLE INSTALLATION

HEIGHT	9"
LENGTH	24" MIN. 54 MAX. 6" INCREMENTS OF LENGTH
THICKNESS	0.08"



SIGN DIMENSIONS

- Two (2) one-sided signs are required for each direction of traffic on each pole.
- Blades shall be aluminum 6063T5 or 6063T6 alloy 0.08" thick.
- The face of all blades shall be covered with white diamond grade sheeting with reversed screeded FHWA green transparent film. The primary, prefix, and suffix letters placed in the upper right corner.
- Block numbers shall be provided on signs in the bottom right corner and correspond to officially approved addresses.
- Maximum sign length is 54" If necessary, FHWA series C or B letters can be used to reduce the length of signs that would normally exceed 54". Coordinate Series C and B letters with the Engineering Department by submittal. Series D letters shall be used otherwise.
- Letter heights and sign dimensions shall be based on the values shown on Page 3, Detail C and Sign Dimension Table on this page.
- Use a prepared aluminum blade, which has been cleaned and all foreign material removed.
- Letters, numbers, and spacing shall conform to the standard alphabets for highway signs, latest edition, and the latest editions of the Texas Manual on Uniform Traffic Control Devices (MUTCD) and the FHWA Standard Highway Signs and Markings (SHSM) Book, including the Standard Alphabets for Traffic Control Devices.
- All fonts for ground mounted street name signs shall be Highway Gothic B in accordance with MUTCD guidance.
- All street name signs are subject to approval by the Director of Engineering.
- Use shortest reasonable length blanks in relationship to address length.

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CITY OF CEDAR PARK
ENGINEERING DEPARTMENT

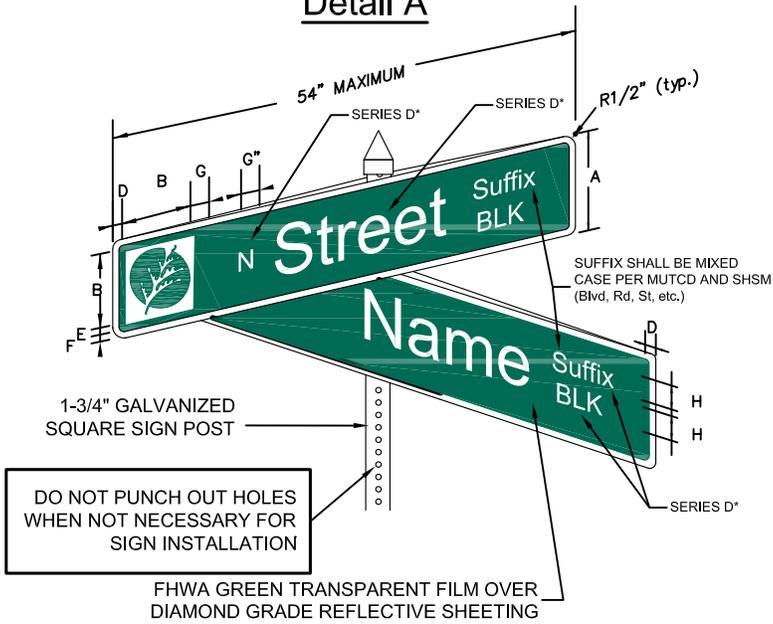
STREET NAME SIGN POLE

DARWIN MARCHELL
APPROVED

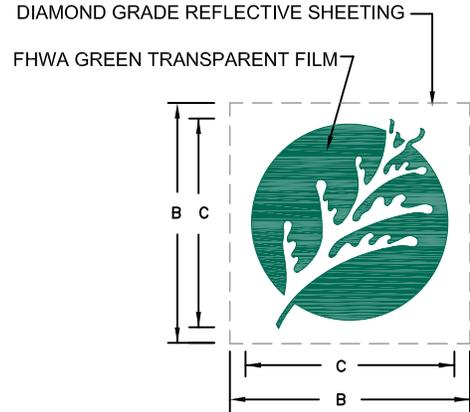
05/04/16
DATE

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Detail A



Detail B



* USE FHWA STANDARD ALPHABET (HIGHWAY GOTHIC) SERIES D UNLESS SERIES C OR B LETTER ARE NECESSARY TO REDUCE THE LENGTH OF SIGNS THAT WOULD NORMALLY EXCEED 54".

Detail C

DIMENSION*	<= 25 MPH	30-40 MPH	>= 45 MPH
SIGN BLANK (A)	6	9	9
B	4	7	7
C	3.5	5.25	5.25
D	1	1	1
E	0.375	0.5	0.5
F	0.375	0.5	0.5
G	1	2	2
H	2	3	3
I	0.5	1	1
PRIMARY LETTER	4	6	7
DIRECTION	4	6	6
SUFFIX	2	2.5	3
BLOCK NO.	2	2.5	3

*ALL DIMENSIONS ARE IN INCHES

Detail D



NO OUTLET SIGN NOTES:

1. IF "NO OUTLET" SIGNS ARE SPECIFIED ON THE PLANS, PROVIDE MUTCD STANDARD SIGN W14-2A, 24"x8" AND ATTACH ON TOP OF THE STREET NAME SIGNS.
2. TWO (2) ONE-SIDED SIGNS ARE REQUIRED (IF NECESSARY) FOR EACH DIRECTION OF TRAFFIC ON EACH POLE.

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CITY OF CEDAR PARK
ENGINEERING DEPARTMENT

STREET NAME SIGN POLE

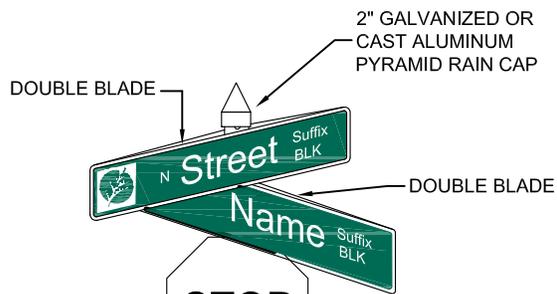
DARWIN MARCHELL
APPROVED

05/04/16
DATE

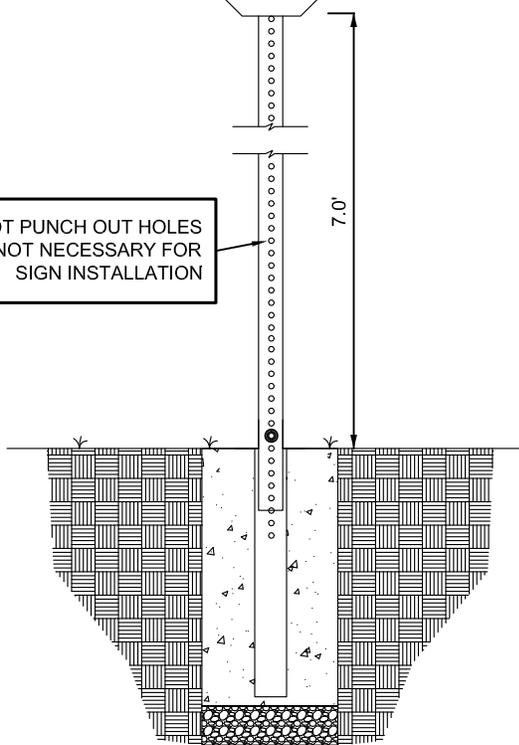
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INSTALLATION OF STREET NAME SIGN



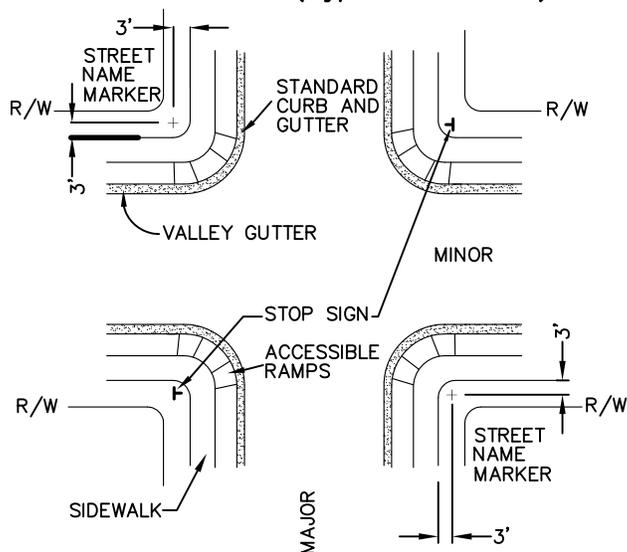
DO NOT PUNCH OUT HOLES WHEN NOT NECESSARY FOR SIGN INSTALLATION



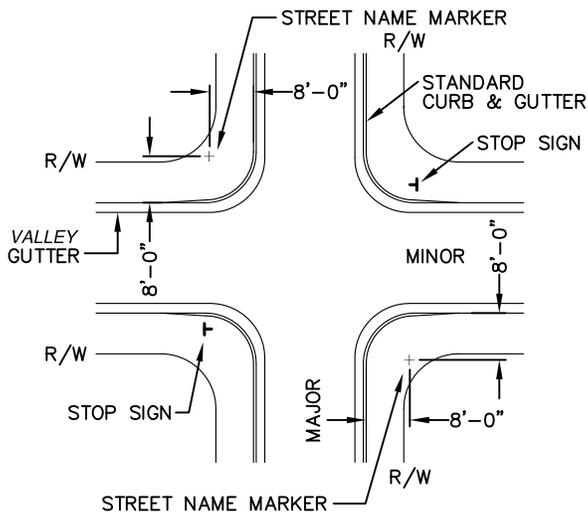
NOTES

1. TWO STREET NAME SIGNS ARE REQUIRED IF THE MAJOR STREET HAS 3 OR MORE LANES.
2. MINIMUM CLEARANCE TO BOTTOM OF LOWEST SIGN IS 7 FT. IF STREET NAME SIGNS ARE MOUNTED ON TOP OF A STOP SIGN, 7' CLEARANCE IS TO THE BOTTOM OF THE STOP SIGN.
3. ANY VARIANCE FROM THIS STANDARD MUST BE APPROVED BY THE DIRECTOR OF ENGINEERING.

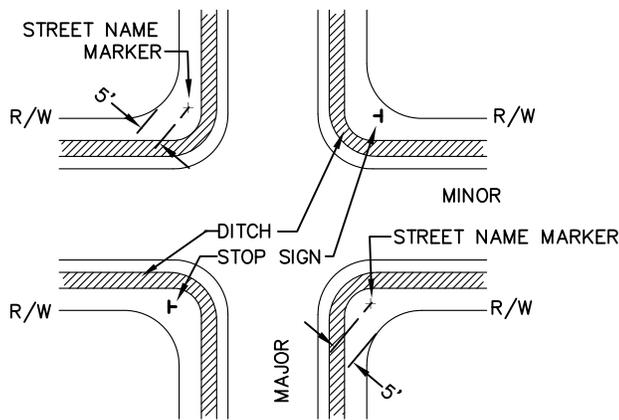
INTERSECTION with SIDEWALK, CURB, and GUTTER (Typ. Residential)



INTERSECTION with CURB and GUTTER



INTERSECTION with DITCHES, and NO CURB and GUTTER



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CITY OF CEDAR PARK
ENGINEERING DEPARTMENT

STREET NAME SIGN POLE

DARWIN MARCHELL
APPROVED

05/04/16
DATE

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INITIAL:

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