

NOTES:

GENERAL REQUIREMENTS

- 1. PROVIDE SIGN CUT SHEET FOR REVIEW OF ALL SIGNS BY PUBLIC WORKS DIRECTOR PRIOR TO INSTALLATION.

LETTERING REQUIREMENTS

- 1. STANDARD LETTER SERIES "B" OR "C" (OR "D" FOR A PRIVATE STREET NAME SIGN).
- 2. DO NOT USE ORDINATE SUFFIXES (1ST, 2ND, 3RD, etc.) WITH NUMBERED STREET NAMES (e.g., 110 AVE, NOT 110TH AVE).
- 3. USE STANDARD ROADWAY DESIGNATION ABBREVIATIONS AS LISTED ON THIS SHEET.

SIGN MATERIAL REQUIREMENTS

- 1. SHEET ALUMINUM SIGN SHALL BE CONSTRUCTED OF ALLOY 6061-T6, 5052-H36 OR 5052-H38. THICKNESS SHALL BE 0.080" OR 14 GAUGE.
- 2. SIGN FACE MATERIAL SHALL BE MADE OF BLUE REFLECTIVE SHEETING WITH WHITE REFLECTIVE LETTERING, ALL HIGH INTENSITY GRADE.
- 3. STREET NAMES SHALL BE ON BOTH SIDES OF SIGN.

SIGN POST REQUIREMENTS

- 1. SIGN POSTS SHALL BE PERFORATED SQUARE STEEL, 2"x2", CONFORMING TO ASTM A653. THICKNESS SHALL BE 0.19" OR 12 GAUGE. BASES SHALL BE A HEAVY DUTY 30" ANCHORING SYSTEM OR 8" STUB X 7" BASE X 1/4" STEEL BASE PLATE SURFACE MOUNT ANCHOR.
- 2. ONLY WHEN SPECIFIED, SIGN POSTS SHALL BE WESTERN RED CEDAR, TREATED DOUGLAS FIR OR TREATED HEM-FIR WHICH ARE 4" X 4" NOMINAL DIMENSION.

HARDWARE PUBLIC ROAD SIGNS

- 1. SIGN BRACKET SHALL BE DIE CAST HIGH STRENGTH ALUMINUM ALLOY DESIGNED FOR MOUNTING ON TOP OF THE 4" X 4" WOODEN POST. SLOTS FOR SIGNS SHALL HAVE A NOMINAL LENGTH OF 3" WITH TWO 5/16" ZINC PLATED STANDARD ALLEN WRENCH SET SCREWS.
- 2. ALL OTHER HARDWARE AND FASTENERS SHALL BE GALVANIZED STEEL.

HARDWARE PRIVATE ROAD SIGNS

- 1. USE 3/8" X 2" GALVANIZED LAG BOLT WITH NYLON WASHER FOR CENTER MOUNTING HOLE. SUPPLEMENT LAG BOLT WITH FOUR 2-1/2" 8 D GALVANIZED NAILS IN THE OUTER HOLES.

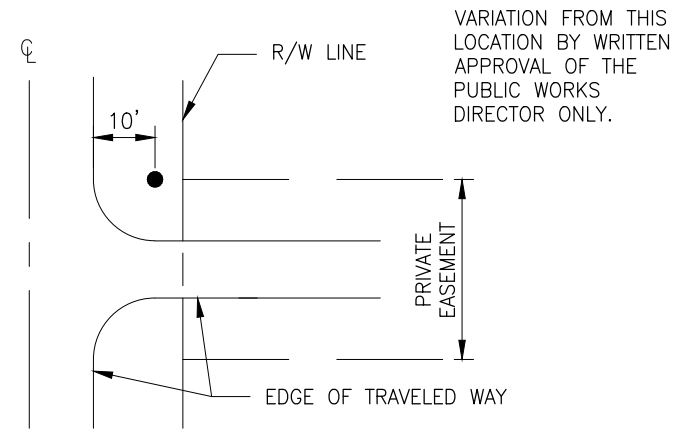
SIGN LOGO

- 1. SAIL BOAT LOGO SHALL BE MADE OF HIP SHEETING FOR GROUND MOUNTED SIGNS AND DIAMOND GRADE VIP SHEETING FOR MAST ARM MOUNTED SIGNS.
- 2. SEE STANDARD DRAWING DM.E1.5 FOR SAIL BOAT DETAILS.

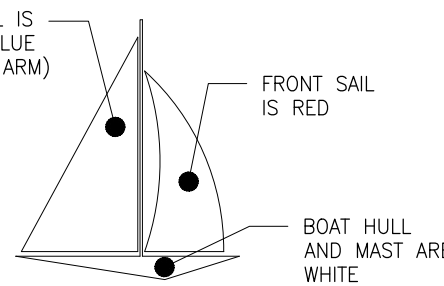
ROADWAY DESIGNATION

ABBREVIATIONS:

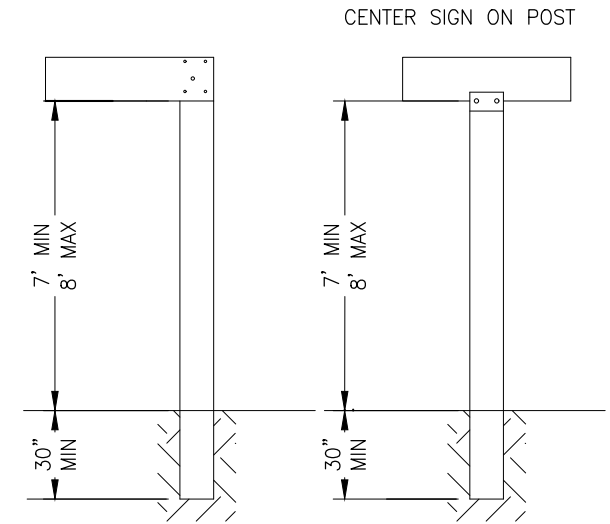
- Ave - AVENUE
- Bv - BOULEVARD
- Cir - CIRCLE
- Ct - COURT
- Dr - DRIVE
- Hwy - HIGHWAY
- Pkwy - PARKWAY
- Pl - PLACE
- Ln - LANE
- Rd - ROAD
- Way - WAY
- S - SOUTH



**SIGN PLACEMENT
PRIVATE ROAD**



SIGN LOGO



**SIGN INSTALLATION
PRIVATE ROAD**

**SIGN INSTALLATION
PUBLIC ROAD**

NOT TO SCALE



**CITY OF DES MOINES
PUBLIC WORKS DEPARTMENT**

ENGINEERING SERVICES
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STREET NAME SIGN NOTES AND DETAILS

DM.E1.3

REVISED: 02/23