



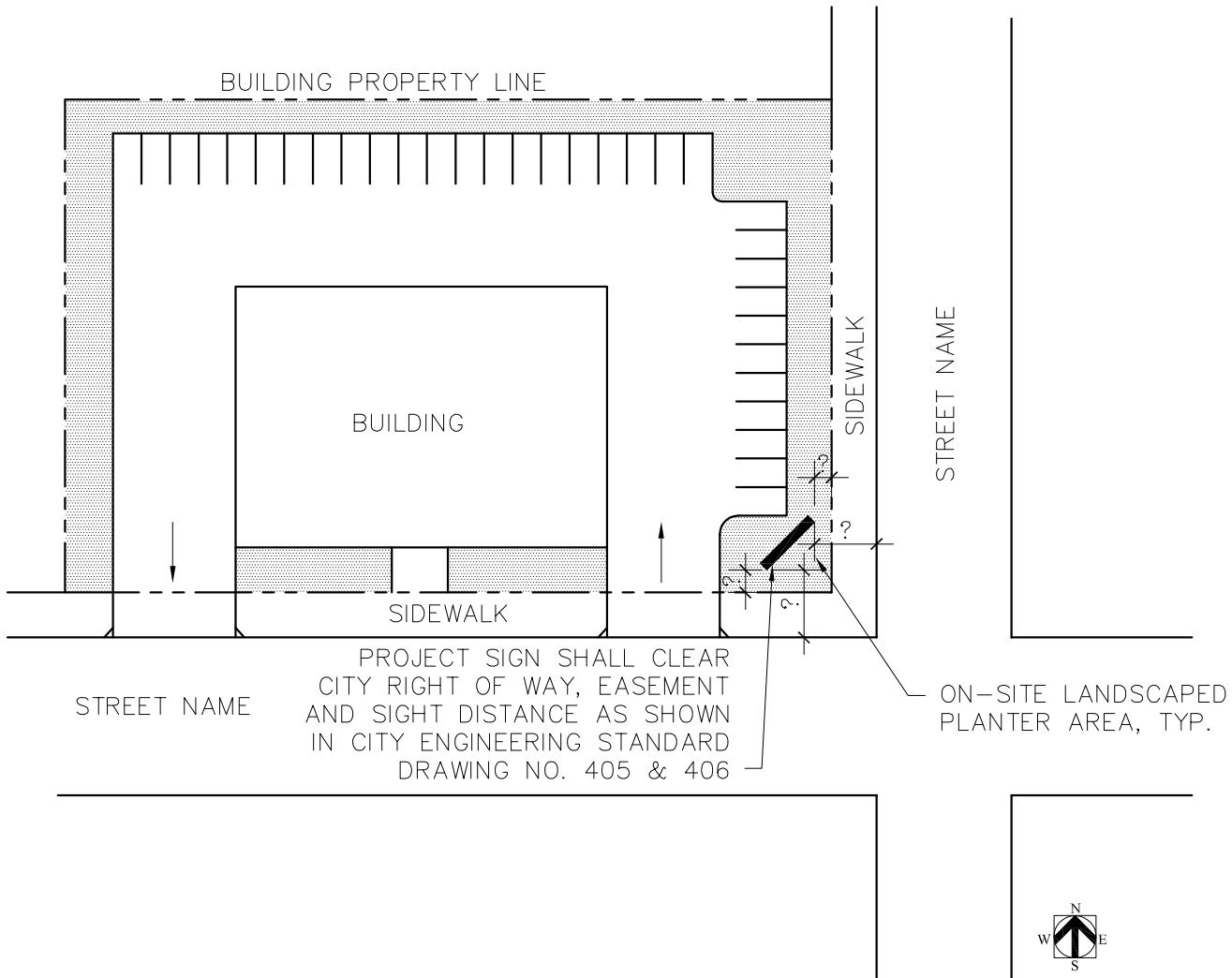
**City of Milpitas**  
Office of Building Safety  
**DESIGN GUIDELINE**  
**FOR**  
**MONUMENT SIGNS**



455 E. Calaveras Blvd.  
Milpitas, CA 95035  
408-586-3240  
[www.milpitas.gov](http://www.milpitas.gov)

FEBRUARY 2023

BASED ON 2022  
CALIFORNIA CODES



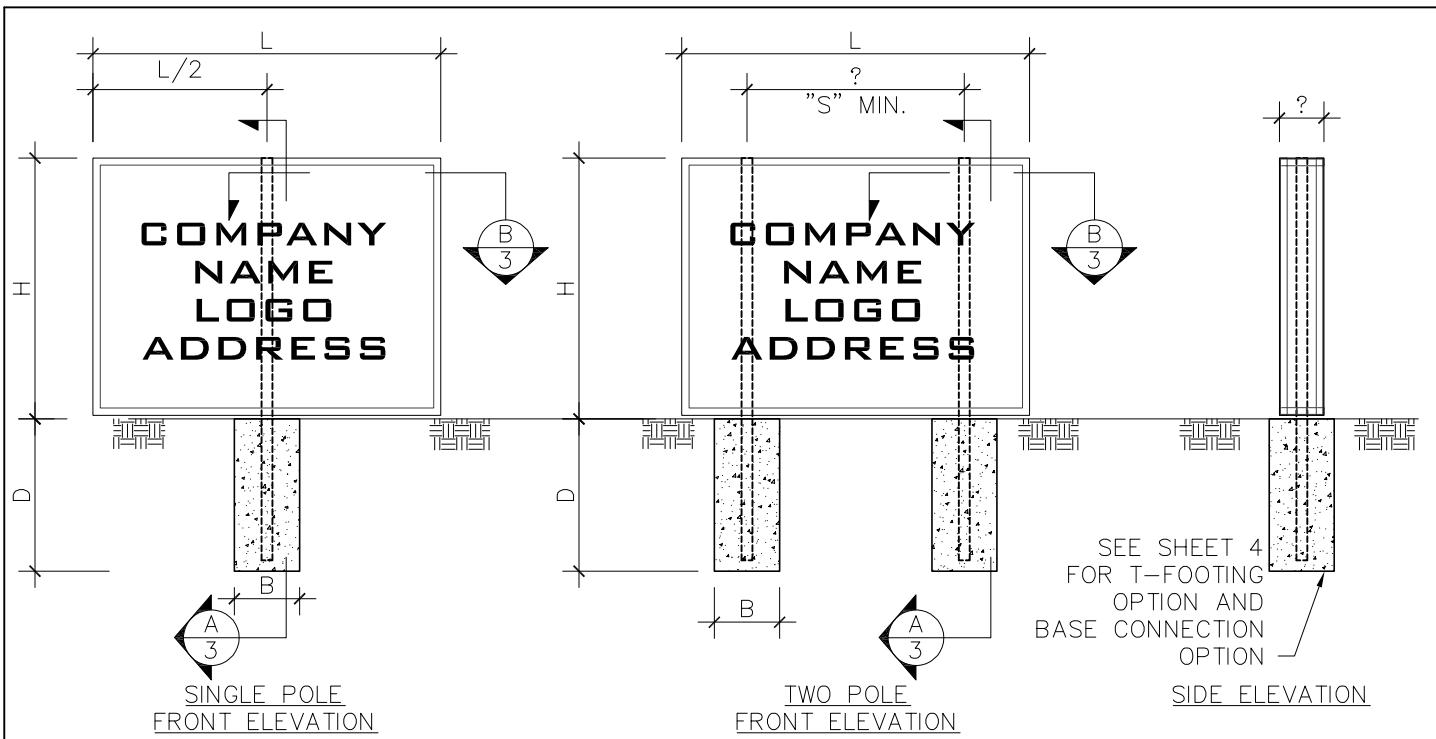
NOTE:

1. PROVIDE PROJECT INFORMATION SUCH AS THE SCOPE OF WORK; THE STREET ADDRESS; THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE PERSON WHO PREPARED THE PLANS.
2. SHOW LOCATION OF THE PROPOSED MONUMENT SIGN, SETBACK DIMENSIONS TO THE PROPERTY LINE, ANY ADJACENT BUILDING OR RELEVANT SITE FEATURES, SUCH AS FIRE HYDRANTS, LIGHT POSTS, ETC.
3. SIGNS EXCEEDING 6'-0" TALL SHALL BE CONSIDERED BY THE PLANNING COMMISSION. SIGNS 6'-0" OR LESS CAN BE CONSIDERED BY THE PLANNING STAFF. CHECK WITH THE PLANNING DEPARTMENT (408-586-3279) FOR SIGN REGULATIONS AND REQUIREMENTS.
4. CHECK WITH THE ENGINEERING DEPARTMENT (408-586-3300) FOR LOCATION OF ANY EASEMENTS, RIGHT OF WAY, AND SIGHT DISTANCE REQUIREMENTS.
5. CHECK WITH THE FIRE DEPARTMENT (408-586-3365) FOR THE CLEARANCE REQUIREMENTS FROM FIRE HYDRANTS, ETC. TYPICALLY, A MINIMUM OF 3 FEET IS REQUIRED FROM FIRE HYDRANT AND 3 FEET IS REQUIRED FROM FIRE DEPARTMENT CONNECTION (FDC) / POST INDICATOR VALVE (PIV) OUTERMOST EXTREMITIES.

VER	DATE	BY
1	FEB 2023	ACF

**City of Milpitas**  
 Office of Building Safety  
 MONUMENT SIGN  
 SAMPLE PLOT PLAN

**SHEET  
1  
OF 4 SHEETS**



NOTES:

1. INDICATE HEIGHT AND DIMENSIONS OF THE SIGN.
2. SPECIFY IF THE SIGN IS TO BE ILLUMINATED. IF ILLUMINATED, INDICATE THE AVAILABILITY OF (E) JUNCTION BOX NEAR THE SIGN. DIRECT-BURIED CABLES AND CONDUITS SHALL HAVE A MINIMUM 24" COVER WHEN INSTALLED UNDER STREETS, DRIVEWAYS AND PARKING LOTS AND 18" IN ALL OTHER LOCATIONS. (CEC ART.300.5).
3. THE MAX. ALLOWED LIGHTING FOR INTERNALLY ILLUMINATED SIGNS SHALL BE 12 WATTS PER SQUARE FOOT.
4. THE MAX. ALLOWED LIGHTING FOR EXTERNALLY ILLUMINATED SIGNS SHALL BE 2.3 WATTS PER SQUARE FOOT.
5. SHOW THE GRAPHIC DESIGN OF THE SIGN AND SPECIFY THE MATERIALS USED FOR THE SIGN FACE COVER.

MAX. SIGN HEIGHT "H"	NUMBER OF POLES**	MAX. SIGN LENGTH "L"	PIER DIAMETER "B"	MIN. PIER DEPTH "D"	PIER SPACING "S"
4'	1	4'	1'*	3'-0"	N/A
4'	1	6'	1'*	4'-0"	N/A
4'	2	8'	1'*	3'-0"	3'-0"
4'	2	12'	1'*	4'-0"	6'-0"
4'	1	4'	1'-6"	2'-6"	N/A
4'	1	6'	1'-6"	3'-0"	N/A
4'	2	8'	1'-6"	2'-6"	4'-6"
4'	2	12'	1'-6"	3'-0"	6'-0"
6'	1	4'	1'*	4'-0"	N/A
6'	1	6'	1'*	5'-0"	N/A
6'	2	8'	1'*	4'-0"	3'-0"
6'	2	12'	1'*	5'-0"	6'-0"
6'	1	4'	1'-6"	3'-6"	N/A
6'	1	6'	1'-6"	4'-0"	N/A
6'	2	8'	1'-6"	3'-6"	4'-6"
6'	2	12'	1'-6"	4'-0"	6'-0"
8'	1	4'	1'*	5'-0"	N/A
8'	1	6'	1'*	5'-6"	N/A
8'	2	8'	1'*	5'-0"	3'-0"
8'	2	12'	1'*	5'-6"	6'-0"
8'	1	4'	1'-6"	4'-0"	N/A
8'	1	6'	1'-6"	5'-0"	N/A
8'	2	8'	1'-6"	4'-0"	4'-6"
8'	2	12'	1'-6"	5'-0"	6'-0"

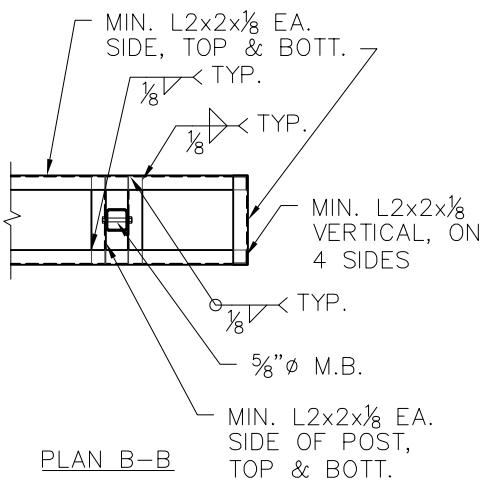
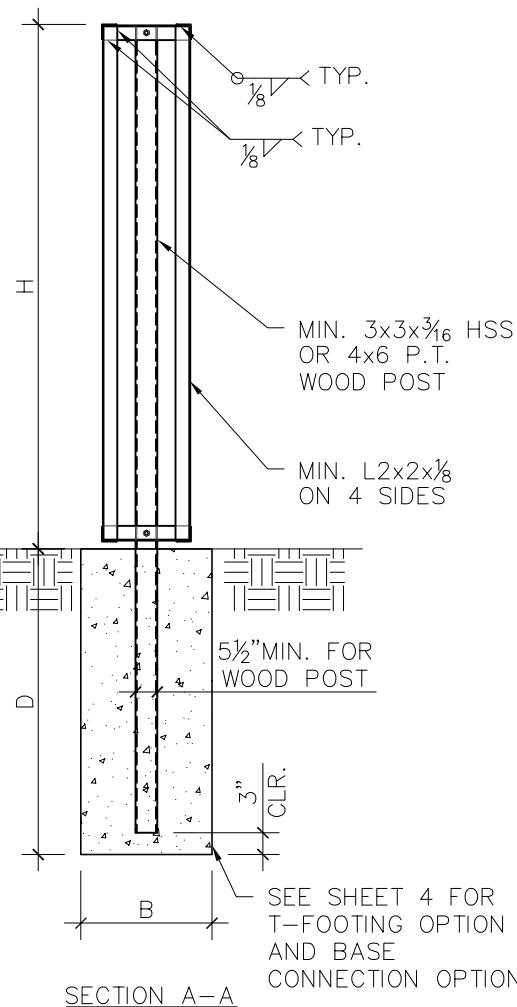
\* MIN. 15" DIAMETER IF BASE CONNECTION OPTION IS USED.  
SEE SHEET 4.

\*\* SEE RESPECTIVE ELEVATION (SINGLE POLE OR DOUBLE POLE) FOR CONSTRUCTION REQUIREMENTS.

VER	DATE	BY
1	FEB 2023	ACF
2	MAR 2024	HLK

**City of Milpitas**  
Office of Building Safety  
MONUMENT SIGN  
SAMPLE ELEVATIONS

**SHEET  
2**  
OF 4 SHEETS



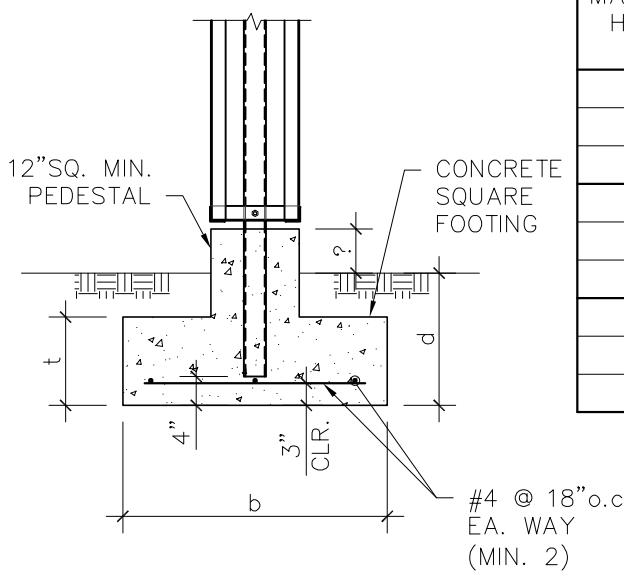
NOTES:

1. MONUMENT SIGN IN HILLSIDE AREAS SHALL BE DESIGNED BY CALIFORNIA LICENSED ARCHITECT OR ENGINEER FOR A 3-SECOND GUST MINIMUM WIND SPEED OF 95 MPH (Vult) AND EXPOSURE C
2. ALL WEATHER EXPOSED STEEL MEMBERS OR FASTENERS SHALL BE HOT DIP GALVANIZED OR STAINLESS STEEL.
3. STEEL TUBES SHALL BE ASTM A500 GRADE C AND STEEL ANGLES SHALL BE ASTM A36. ALTERNATIVELY, ALUMINUM MAY BE USED IN LIEU OF STEEL AND SHALL BE ASTM 6061-T6.
4. WOOD POST SHALL BE PRESSURE TREATED DOUGLAS FIR LARCH NO. 1.
5. ALUMINUM TUBES EMBEDDED IN CONCRETE SHALL BE EFFECTIVELY COATED ON BOTH INSIDE AND OUTSIDE SURFACES WITH PROTECTIVE COATING, SUCH AS EPOXY, TO PREVENT ALUMINUM-CONCRETE REACTION.
6. WHEN ALUMINUM AND STEEL MEMBERS ARE IN CONTACT, PROTECTION SHALL BE PROVIDED BETWEEN THE TWO METALS, SUCH AS EPOXY, TO PREVENT ALUMINUM-STEEL REACTION.
7. WELDING SHALL CONFORM WITH THE LATEST EDITION OF THE AWS SPECIFICATIONS. USE E70 ELECTRODES.
8. CONCRETE COMPRESSIVE STRENGTH SHALL BE 2500 PSI MIN AND REINFORCEMENT YIELD STRENGTH SHALL BE 40 KSI MIN.
9. ANCHOR RODS SHALL BE ASTM F1554 GR. 36.
10. BASEPLATE SHALL BE ASTM A36.
11. ALL STEEL MEMBERS AND FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE HOT-DIP GALVANIZED OR STAINLESS STEEL.
12. ALL ALUMINUM MEMBERS AND FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE COATED WITH PROTECTIVE COATING, SUCH AS EPOXY, TO PREVENT DIRECT CONTACT.
13. THE INFORMATION PROVIDED IN THIS DESIGN GUIDE CARRIES NO IMPLIED OR INFERRED GUARANTEE AGAINST FAILURE OR DEFECTS. BY USING THIS DESIGN GUIDE, THE CONTRACTOR/OWNER ACCEPTS THE FULL RESPONSIBILITY OF RISK. ALTERNATE DESIGN MAY BE USED WHEN PROVIDED WITH WET STAMPED AND SIGNED STRUCTURAL CALCULATIONS & DETAILS BY A CALIFORNIA LICENSED ENGINEER OR ARCHITECT.

VER	DATE	BY
1	FEB 2023	ACF

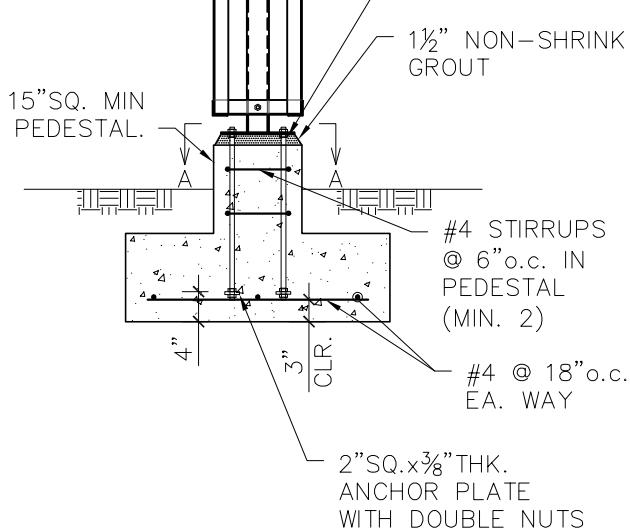
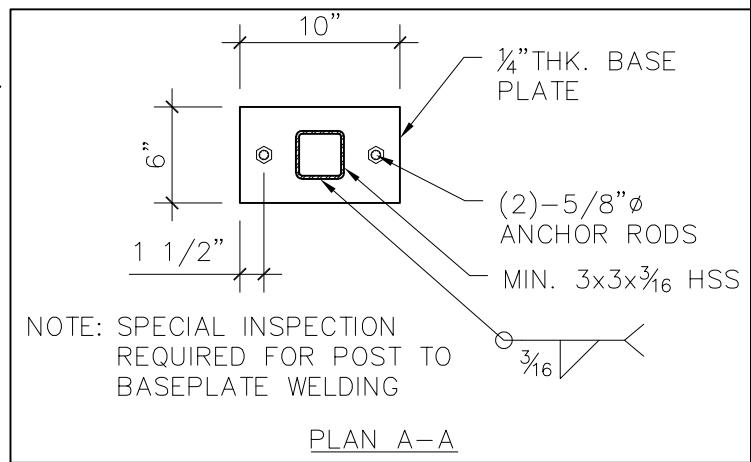
**City of Milpitas**  
 Office of Building Safety  
 MONUMENT SIGN  
 SAMPLE SECTIONS AND DETAILS

**SHEET  
 3  
 OF 4 SHEETS**

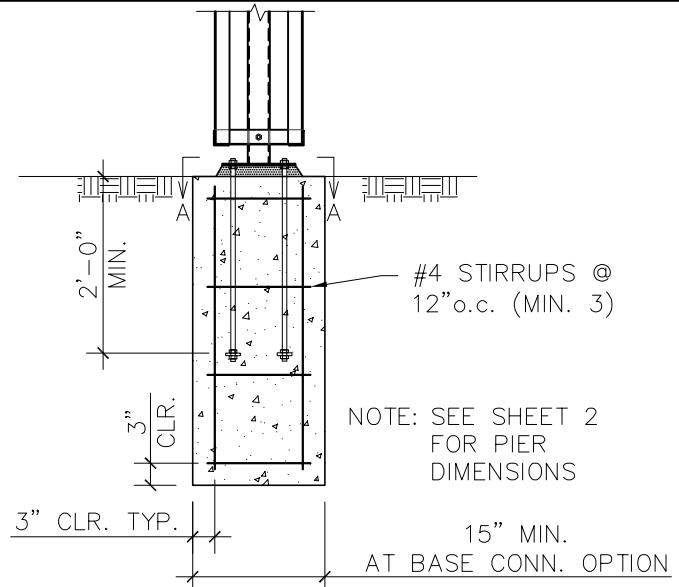


T-FOOTING OPTION

MAX. SIGN HEIGHT "H"	MAX. SIGN LENGTH "L"	MIN. FTG. DEPTH "d"	MIN. FTG. SIZE "b"	MIN. FTG. THICKNESS "t"
4'	4'	1'-6"	2'-0"	1'-0"
4'	8'	1'-6"	2'-9"	1'-0"
4'	12'	1'-6"	3'-0"	1'-0"
6'	4'	1'-6"	2'-9"	1'-0"
6'	8'	2'-6"	3'-0"	1'-6"
6'	12'	2'-6"	3'-6"	1'-6"
8'	4'	1'-6"	3'-3"	1'-0"
8'	8'	2'-6"	4'-0"	1'-6"
8'	12'	2'-6"	4'-6"	1'-6"



BASE CONNECTION OPTION  
AT T-FOOTING



BASE CONNECTION OPTION  
AT PIER FOOTING

VER	DATE	BY
1	FEB 2023	ACF

**City of Milpitas**  
Office of Building Safety  
MONUMENT SIGN  
SAMPLE FOUNDATION OPTIONS

**SHEET  
4  
OF 4 SHEETS**