

County of Santa Clara

Department of Planning and Development

County Government Center, East Wing, 7th Floor

70 West Hedding Street

San Jose, CA 95110

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STANDARD DETAILS & SPECIFICATIONS

SUBJECT: Marking of Fire Department Connections, Post Indicator Valves, Fire Sprinkler Control Valves, and Private Hydrants

Spec No	<u>W-3</u>
Revised Date	<u>03/13/25</u>
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Approved By	<u>HRE</u>
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SCOPE

This standard is applicable to the marking of fire department connections, post indicator valves, fire sprinkler control valves, and private hydrants.

AUTHORITY

California Fire Code (CFC), 2022 edition and applicable Municipal/Town/County Codes and Standards.

REQUIREMENTS

I. General

All Fire Department equipment shall be clearly marked and clearly visible.

II. Surfaces to be Painted and Signage

A. Fire Department Connections (FDC)

1. Paint all surfaces Safety Yellow (or equivalent) including riser pipe, caps and check valve.
2. Signs shall be attached to all FDC's indicating functionality. This may include street address, building number, and systems served (e.g. fire sprinkler, standpipe, private hydrant, or other systems) as applicable.

B. Post Indicator Valves (PIV)

1. Paint all surfaces Safety Yellow (or equivalent) from top to bottom.

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2. Signs shall be attached to all PIV's indicating functionality. This may include street address, building number, and systems served (i.e. fire sprinkler, or other systems) as applicable.

C. Exterior Fire Sprinkler Control Valves

1. Paint all surfaces Safety Yellow (or equivalent) to assure good visibility.
2. Signs shall be attached to all fire sprinkler control valves's indicating functionality. This may include street address, building number, and systems served (i.e. building, floor, area, etc.) as applicable.

D. Public Fire Hydrants

1. Paint all surfaces Safety Yellow (or equivalent) including caps and flanges.

E. Private Fire Hydrants

1. Paint all surfaces Safety Yellow (or equivalent) including caps and flanges.
2. Private Fire Hydrants connected to fire sprinkler system underground piping shall have the top four (4) inches of the hydrant painted Safety White (or equivalent).

F. Fire Hydrant Roadway Markers

1. Blue reflective markers shall be provided on the roadway to identify fire hydrant locations. The markers shall be secured to the roadway directly in line with the fire hydrant and as follows:
 - a. On roadways without center stripes, blue markers shall be set 6" to the hydrant side of the center of the roadway.
 - b. On undivided, striped roadways, blue markers shall be set 6" to the hydrant side of the center stripe.
 - c. On divided roadways, the blue markers shall be set 6" to the side of the lane striping that is closest to the hydrant.