

SECTION 22 42 50

PIPE IDENTIFICATION

PART ONE – GENERAL:

1.01 IDENTIFICATION OF PIPING:

A. General:

1. The following piping system shall be provided with identification as hereinafter specified:

| MARKER PIPING SYSTEM | MARKER BACKGROUND COLOR | LETTERS |
|--------------------------------|----------------------------|---------|
| Domestic Cold Water Supply | Green | White |
| Domestic Hot Water Supply | Yellow | Black |
| Domestic Hot Water Circulation | Yellow | Black |
| Gas Piping | Yellow | Black |

- B. The legend and letter colors for the pipe marking system shall be in accordance with applicable provisions of ANSI Standard A13.1-1981.
- C. Shop drawings submitted to the Architect/Engineer shall show complete details of the marking system, including colors and legends.
- D. Marking System:
 1. All piping that is accessible for maintenance operations (except piping in finished spaces) will be identified with semi-rigid plastic (not pressure-sensitive) identification markers.
 2. Direction of flow arrows are to be included on each marker unless otherwise specified.
 3. In conformance with "Scheme for the Identification of Piping System" (ANSI A13.1-1981), each marker must show:
 - a. Approved color coded background.
 - b. Proper color of legend in relation to background color.
 - c. Approved legend letter size.
 - d. Approved marker length.
 4. Locations for pipe markers shall be as follows:
 - a. Adjust to each valve and fitting (except on plumbing fixtures and equipment).
 - b. At each pipe passage through wall, floor, and ceiling construction.
 - c. At each passage to underground.
 - d. On all horizontal pipe runs - marked every 25 feet.

5. Pipe marking shall be as follows:

- a. SETMARK Type SNA markers on pipes 3/4" thru 5" (Snap On).
- b. SETMARK Type STR markers on pipes 6" and larger (Snap On).
- c. Pipe identification system shall be SETMARK outdoor grade plastic acrylic.
- d. Pipe markers as manufactured by Seton Nameplate Co., New Haven, CT 06506 (1-800-243-6624) or approved equal. Equal products by Brady Corp. (1-800-635-7557).

6. For pipes under 3/4" O.D. (too small for color bands and legends), brass identification tags 1 1/2" in diameter with depressed 1/3" high black-filled letters above 1/2" black-filled numbers will be fastened securely at specified locations.

END OF SECTION