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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
Sludge	Yellow	Black
Air Piping	Yellow	Black
Reuse Water	Purple	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 22 42 50

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SECTION 22 45 00
EMERGENCY EYEWASH AND SHOWER
UNITS

PART 1-GENERAL

1.01 DESCRIPTION

- A. This section specifies emergency eyewash and shower units for indoor and outdoor use.

PART 2-PRODUCTS

2.01 EYEWASH AND SHOWER UNITS

- A. **INDOOR UNITS:**
Indoor units shall be Haws 8300, Western 9304, or equal.
- B. **OUTDOOR UNITS:**
Outdoor units shall be Haws 8300-FP, Western 9306, or equal.

2.02 PRODUCT DATA

- A. Manufacturer's catalog data shall be submitted for approval.

PART 3-EXECUTION

3.01 INSTALLATION

- A. Outdoor eyewash and shower units shall be provided with supply valves and drains buried a minimum depth of 18 inches below ground.

END OF SECTION