

SECTION 22 19 00 - PLUMBING IDENTIFICATION

PART 1 - GENERAL

1.1 WORK INCLUDED

- A. Provide labor, materials, equipment and services as required for the complete installation designed in Contract Documents.

1.2 QUALIFICATIONS

- A. All identification devices shall comply with ANSI A13.1 for lettering size, length of color field, colors, and viewing angles.

1.3 SUBMITTALS

- A. Submit product data for each identification material and device, and for all items specified under "Part 2 - Products" of this Section.
- B. Submit valve schedule for all piping systems typewritten on 8-1/2 inch x 11 inch paper, indicating code number, location and valve function.
- C. Submit schedule of piping, equipment and valve identification for review before labeling.

1.4 ACCEPTABLE MANUFACTURERS

- A. Allen Systems, Inc., W.H. Brady Co., Calpico, Craftmark Identification Systems or Seton Name Plate Corp

PART 2 - PRODUCTS

2.1 GENERAL

- A. Provide manufacturer's products of categories and types required for each application.

2.2 PIPING IDENTIFICATION

- A. Pipe Labels (Inside buildings):
 - 1. Piping/Insulation with outside diameter of 5-7/8 inches and less: Provide acrylic plastic wrap-around type markers with directional flow arrows, UV resistance and legend printed four (4) times for 360 degree visibility. Make: Seton "Setmark" snap-on wrap around type pipe markers.
 - 2. Piping/Insulation with outside diameter of 6 inches and greater: Provide acrylic plastic strap-on type markers with directional flow arrows, UV resistance and legend printed two (2) times minimum. Make: Seton "Setmark" strap-on wrap around type pipe markers.

- B. Pipe labels shall conform to the following identification table:

<u>PIPE SERVICE</u>	<u>IDENTIFICATION / LABEL</u>
Domestic Cold Water	DOMESTIC COLD WATER
Domestic Hot Water	DOMESTIC HOT WATER
Domestic Hot Water Re-circulation	DOMESTIC HOT WATER RETURN
Natural Gas	NATURAL GAS
Sanitary and / or Waste	SANITARY DRAIN
Plumbing Vent	SANITARY VENT
Storm	STORM DRAIN
Indirect Waste	INDIRECT WASTE
Fire Protection - Mains	FIRE PROTECTION WATER
Fire Protection - Wet Sprinkler	SPRINKLER - WATER

2.3 VALVE IDENTIFICATION

- A. Valve Tags:
- Standard brass valve tags, 2" diameter with 1/2" high numerals. Identify all plumbing services with 1/4" letters above the valve number ("PLBG."). Attach to valves using brass "jack" chain and brass "S" hook. Make: Seton Style No. M4507 tags, Style No. 16182 chain and Style No. 16195, 6 and 7 No. hooks.
- B. Valve Chart:
- Provide valve chart for all valves provided as a part of this project. Frame and place under clear glass. Hang in Mechanical Room or in location as directed by the Owner

PART 3 - EXECUTION

3.1 GENERAL

- A. Provide valve tags for all valves provided on project. Provide a valve tag chart for all valves provided on the project.
- B. Provide piping identification with directional flow arrows for all piping on project.

END OF SECTION