# SECTION 22 01 50

# EQUIPMENT – PLUMBING

## PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. The general provisions of the Contract, including the Conditions of the Contract (General, Supplementary and other Conditions, if any) and Division 1 as appropriate, apply to the Work specified in this Section.

1.2 DESCRIPTION OF WORK

A. This section includes:

1. Plumbing equipment as indicated on drawings and provisions of this section, including schedules and equipment lists associated with either drawings or this section.

2. Types of plumbing equipment required for project include the following:

Automatic Trap Primer Valve

1.3 REFERENCE STANDARDS

A. Refer to Section 220000 for a general description of requirements applying to this section.

1.4 QUALITY ASSURANCE

A. Refer to Section 220010 for a general description of requirements applying to this section.

1.5 SUBMITTALS

A. Submit shop drawings and product data in accordance with Section 220000.

B. Submit the following:

1. Product data on all equipment including roughing-in data.
2. Connection diagrams for related piping and specialties.

1.6 WARRANTY/GUARANTEE

A. All work and materials are subject to the general warranty as described in the General Conditions of the Contract and in Division 1, GENERAL REQUIREMENTS

## PART 2 – PRODUCTS

2.1 EQUIPMENT

A. Refer to "Plumbing Fixture & Equipment Schedule" for type, numbers, size and manufacturer of all equipment accessories.

## PART 3 – EXECUTION

3.1 AUTOMATIC TRAP PRIMER

A. The automatic trap primer units specified shall be recessed mounted and in the location indicated.

B. Installation shall conform to manufacturer's written instructions. The Electrical Contractor shall provide 120 volt electrical power and final connection.

C. The unit installation shall include a discharge line to each floor drain (F-8, F-9 and F-10) indicated and/or noted on the drawings. Any unused discharge line off the unit's discharge manifold shall be capped off within the panel.

D. All discharge lines shall be minimum "M" copper tube or flexible polyethylene tubing. All tubing shall be protected during below floor slab construction.

E. The unit shall be factory tested, assembled and prepiped and shall include a ¾" ball valve, shock absorber, vacuum breaker, copper distribution manifold, solenoid valve.

**END OF SECTION 22 01 50**