1. Section 221006   
   Plumbing Piping Specialties
   1. PART 1  GENERAL
      1. SECTION INCLUDES
         1. Hose bibbs.
         2. Hydrants.
         3. Washing machine boxes and valves.
         4. Refrigerator valve and recessed box.
         5. Backflow preventers.
         6. Mixing valves.
         7. Relief valves.
         8. Air vents.
      2. REFERENCE STANDARDS
         1. ASSE 1013 - Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Principle Fire Protection Backflow Preventers 2011.
         2. ASSE 1019 - Performance Requirements for Wall Hydrant with Backflow Protection and Freeze Resistance 2011 (Reaffirmed 2016).
         3. NSF 61 - Drinking Water System Components - Health Effects 2020.
         4. NSF 372 - Drinking Water System Components - Lead Content 2020.
   2. PART 2  PRODUCTS
      1. GENERAL REQUIREMENTS
         1. Specialties in Potable Water Supply Systems:  Provide products that comply with NSF 61 and NSF 372 for maximum lead content.
      2. WASHING MACHINE BOXES AND VALVES
         1. Box Manufacturers:
            1. IPS Corporation/Water-Tite; [\_\_\_\_\_\_]:  www.ipscorp.com/#sle.
            2. Substitutions:  See Section 016000 - Product Requirements.
         2. Valve Manufacturers:
            1. Cash Acme, a brand of Reliance Worldwide Corporation; [\_\_\_\_\_\_]:  www.cashacme.com/#sle.
      3. BACKFLOW PREVENTERS
         1. Manufacturers:
            1. Cash Acme, a brand of Reliance Worldwide Corporation; [\_\_\_\_\_\_]:  www.cashacme.com/#sle.
         2. Reduced Pressure Backflow Preventer Assembly:
            1. ASSE 1013; cast bronze body and stainless steel springs; two independently operating, spring loaded check valves; diaphragm type differential pressure relief valve located between check valves; third check valve that opens under back pressure in case of diaphragm failure, and non-threaded vent outlet.
            2. Size:  [\_\_\_\_\_] inch ([\_\_\_\_\_] mm) assembly with threaded gate valves.
      4. MIXING VALVES
         1. Thermostatic Mixing Valves:
            1. Manufacturers:

Cash Acme, a brand of Reliance Worldwide Corporation; [\_\_\_\_\_\_]:  www.cashacme.com/#sle.

* + 1. RELIEF VALVES
       1. Manufacturers:
          1. Cash Acme, a brand of Reliance Worldwide Corporation; [\_\_\_\_\_\_]:  www.cashacme.com/#sle.
       2. Bronze body, teflon seat, stainless steel stem and springs, automatic, direct pressure actuated, capacities ASME certified and labelled.
    2. AIR VENTS
       1. Manufacturers:
          1. Cash Acme, a brand of Reliance Worldwide Corporation; [\_\_\_\_\_\_]:  www.cashacme.com/#sle.
  1. PART 3  EXECUTION
     1. INSTALLATION
        1. Install in accordance with manufacturer's instructions.

1. END OF SECTION