

WVU DESIGN GUIDELINES & CONSTRUCTION STANDARDS

DIVISION 22 – PLUMBING

SECTION 221316 – SANITARY WASTE AND VENT PIPING

PART 1 - GENERAL

- 1.1. Any deviance from the following instructions must be approved during design by WVU Facilities Management personnel.
- 1.2. All design and components shall comply with governing codes and regulations. The local regulatory agency is the Morgantown Utility Board located at 278 Greenbag Road, Morgantown, West Virginia 26507-0852.

PART 2 - PRODUCTS

- 2.1. For laboratories use acid resistant piping with mechanical joints.
- 2.2. Use cast iron hub piping for lines under concrete floor slabs, behind walls, or in other inaccessible areas where high-temperature liquids, such as steam condensate, may be discharged to drain.
- 2.3. Horizontal DWV piping and roof drains above grade may be PVC schedule 40 or hub less cast iron.

PART 3 - EXECUTION

- 3.1. All roof drains shall be insulated and covered with a vapor barrier. Starting at the interior side of the roof, at least 10 feet of insulation shall be installed in a continuous manner.
- 3.2. All vertical roof drains and sanitary drain lines shall be cast iron to minimize noise.
- 3.3. PVC plumbing vents that are exposed to sunlight shall be painted with two coats of water based latex paint.

END OF SECTION 221316