

# Steam Access Openings (Manholes) 33.05.13

---

## **Description:**

The purpose of the section is to highlight the current applicable UMD Design Standards for the design of steam access openings utilized on campus.

## **Related Sections:**

- TBD

## **Effective Date:**

January 1, 2023

## **Applicable Standards:**

- TBD

## **General Requirements:**

- Minimum size: 10' x 10' x 8'
- Minimum size lids: 24" (larger as required) - 2 required
- Minimum number of vents: 2
- Sump with steam driven pump (where applicable) connected to storm drain (to keep manhole dry).
- Foam glass insulation - ASJ with aluminum jacket inside manholes.
- Construction Material: Precast Concrete
- Special requirement: The use (by design) of "Bolt-down" manhole/vault covers is prohibited for all new construction projects.