



Non-capital Construction, Renovation, Maintenance and Repair of University-owned Facilities

No. 5405

Policy Effective Date:
1/29/1990

Last Revision Date:
10/10/2022

Policy Owner:
Chris Kiwus

Policy Author: *(Contact Person)*
Jon Clark Teglas

Affected Parties:
Faculty
Staff

- 1.0 Purpose
- 2.0 Policy
- 3.0 Procedures
- 4.0 Definitions
- 5.0 References
- 6.0 Approval and Revisions

1.0 Purpose

The Vice President for Campus Planning, Infrastructure, and Facilities is charged with the responsibility for the design, construction, and maintenance of the university's buildings and grounds. To achieve this, the following objectives must be met:

- University facilities must be designed, constructed, renovated and maintained in accordance with the Virginia Uniform Statewide Building Code (VUSBC), and acceptable accessibility, currently the ADA Accessibility Guideline (ADAAG).
- The university must comply with building permitting procedures developed and enforced by the Office of the University Building Official.
- The design, construction, renovation, maintenance, and repair of university facilities must be accomplished in a manner consistent with the university's master plan, historic preservation concerns, university standards of quality and aesthetics, and environmental health and safety standards.
- The public and private investment in the university's facilities must be protected by providing appropriate control over the manner in which they are maintained and renovated.
- The university's records of its facilities must be kept current.
- The work performed on university facilities must be done by qualified personnel in accordance with legal requirements.

2.0 Policy

All non-capital design, construction, renovation, and maintenance of university owned facilities, and the installation of equipment within those facilities, shall be accomplished under the management, direction, and delegation of the Division of Campus Planning, Infrastructure, and Facilities. This policy shall not apply to capital projects, leased facilities, and portable equipment.

3.0 Procedures

3.1 Point of Contact

The Division of Campus Planning, Infrastructure, and Facilities' Operations Center (operations center) shall be the single point of contact for all university work covered by this policy. Members of the university community wishing to pursue any activity which involves the construction, renovation, maintenance, or repair of any university facility shall contact the operations center to initiate renovation activities. These may include: procurement of professional design services, including the hiring of architect-engineering firms to prepare plans and specifications for facilities projects; preparation of designs; procurement of labor and materials; and accomplishment of the work itself. Questions about project feasibility, cost estimates, university procedures, code compliance, permitting, and similar issues should also be directed to the operations center.



3.2 University Departments and Regulatory Agency Contacts

The Vice President for Campus Planning, Infrastructure, and Facilities shall work with other university departments and outside regulatory agencies to develop and implement procedures to ensure full compliance of the design and execution of the work with applicable codes, standards permitting requirements and other university concerns. These contacts shall include, but are not limited to:

- Office of University Planning
- Environmental Health and Safety
- Network Infrastructure and Services
- Office of Emergency Management
- Virginia Tech Police Department
- Virginia State Fire Marshal's Office
- Virginia Department of Environmental Quality

3.3 Authorizing Staff

The Vice President for Campus Planning, Infrastructure, and Facilities shall establish procedures by which other university departments with qualified staff can be authorized to perform certain types of building design, maintenance, and repair. These procedures shall establish the minimum qualifications needed, define the scope of work to be covered; and ensure that permitting requirements are met. Authorizations issued under these procedures must be in writing.

3.4 Enforcement

The Vice President for Campus Planning, Infrastructure, and Facilities shall work collaboratively with the university community to ensure that the requirements of this policy are enforced.

4.0 Definitions

Building service equipment: The fixed equipment associated with any mechanical, electrical, plumbing, elevator, or fire protection system within or serving a facility.

Capital project (aka: major capital project): Any project consisting of new construction of 5,000 square feet or greater, new construction costing \$3 million or more, or improvements or renovations costing \$3 million or more.

Design: The planning of a change and/or renovation of university space, existing or new, for the purpose of the renovation of space and/or the installation of departmental equipment or a new system.

Facility: Any portion of a building, structure or area, including the site on which the building, structure or area is located, wherein specific services are provided or activities are performed. This includes all utilities, systems and building service equipment associated with the facility.

Maintenance: Work performed to a facility or the fixed systems and building service equipment therein, for the purpose of maintaining quality and function.

Non-capital project: Any project which does not meet the definition of a capital project.



Portable equipment: Equipment used within a facility but without permanent connection to the building's utility services.

Renovation: Any work to a facility or the fixed systems and building service equipment therein which is done to improve the existing level of quality and function; or to accommodate a change in the nature of the use of a space within a building or facility.

Repair: The reconstruction or renewal of any part of an existing facility for the purpose of maintenance or restoration of its state.

5.0 References

Americans with Disabilities Act

<https://www.ada.gov/>

Commonwealth of Virginia Employee Standards of Conduct

<https://www.dhrm.virginia.gov/>

Design and Construction Standards

<https://www.facilities.vt.edu/planning-financing/design-and-construction-standards.html>

Uniform Federal Accessibility Standards

<https://www.access-board.gov/aba/ufas.html>

University Policy 5407 – University Building Official Office

www.policies.vt.edu/5407.pdf

Virginia Uniform Statewide Building Code

<https://www.dhcd.virginia.gov/virginia-uniform-statewide-building-code-usbc>

Virginia Tech Climate Action Commitment

<https://www.facilities.vt.edu/sustainability/climate-action-commitment.html>

6.0 Approval and Revisions

Approved January 29, 1990, by Associate Vice President for Facilities, David R. Ford.

- **Revision 1**
Changed Facilities Planning references to University Architect due to reorganization.
- **Revision 2**
Minor wording change in Section 1.0.
Approved November 1, 1995, by the Executive Vice President, Minnis E. Ridenour.



Virginia Polytechnic Institute and State University

- **Revision 3**

- Policy title changed from "Campus Design and Construction" to "Non-capital Construction, Renovation, Maintenance and Repair of University-owned Facilities."
- Section 1. Purpose changed to specify Assistant Vice President for Facilities and University Architect as responsible parties. Also, objectives added.
- Section 2. Policy changed with all non-capital projects under management of Physical Plant Department. This policy no longer applies to capital projects.
- Section 3.1-3.4 added. Point of contact changed from office of University Architect to Physical Plant.
- Section 4. Definitions added.
- Section 5. References added.

Approved February 28, 1999, by Vice President for Finance and Treasurer, Raymond D. Smoot, Jr.

- **Revision 4**

- Section 3.2: Virginia Department of Environment Quality added to contacts.
- Section 4: Definition of Capital Project expanded to include "a general fund project involving new construction exceeding 5,000 gross square feet."

Approved May 6, 2002 by Vice President for Administration and Treasurer, Raymond D. Smoot, Jr.

- **Revision 5**

- Section 1: Revised reference for Accessibility Standards.
- Section 4: Revised definition of Capital project.
- Throughout policy: changed "Physical Plant Department" to "Campus Renovation Services."

Approved November 11, 2005 by Vice President for Business Affairs, Kurt J. Krause.

- **Revision 6**

Technical corrections for departmental name changes and administrative titles.

Approved June 18, 2009 by Vice President for Administrative Services, Sherwood G. Wilson.

- **Revision 7**

- Technical corrections for departmental name changes.
- Addition of reference to university policy 5407 – University Building Official Office.

Approved December 7, 2010 by Vice President for Administrative Services, Sherwood G. Wilson.

- **Revision 8**

- Throughout policy: Title correction of "Associate Vice President for Facilities Services [as the university's Chief Facilities Officer]" to "Associate Vice President and Chief Facilities Officer" or "Chief Facilities Officer".
- Throughout policy: Responsible party/office changed from various groups to "Chief Facilities Officer".
- Throughout policy: Added "design" to responsibilities and defined "design" in Section 4
- Change in title of "Campus Planning, Space and Real Estate" to "Office of University Planning"
- Addition of Office of Emergency Management to list of contacts in Section 3.2
- Minor wording changes in Sections 2, 3.1 and 4.

Approved August 31, 2011 by Vice President for Administrative Services, Sherwood G. Wilson.



Virginia Polytechnic Institute and State University

- **Revision 9**
 - Technical corrections for position and organizational title changes.
 - Updated the definition of 'capital project'.
 - Addition of references and associated hyperlinks.

Approved October 10, 2022 by Vice President for Campus Planning, Infrastructure, and Facilities,
Christopher H. Kiwus.