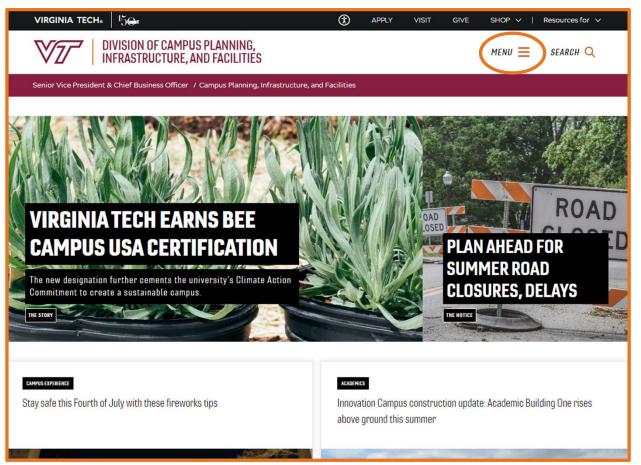




## NAVIGATING TO THE DCS HOME PAGE





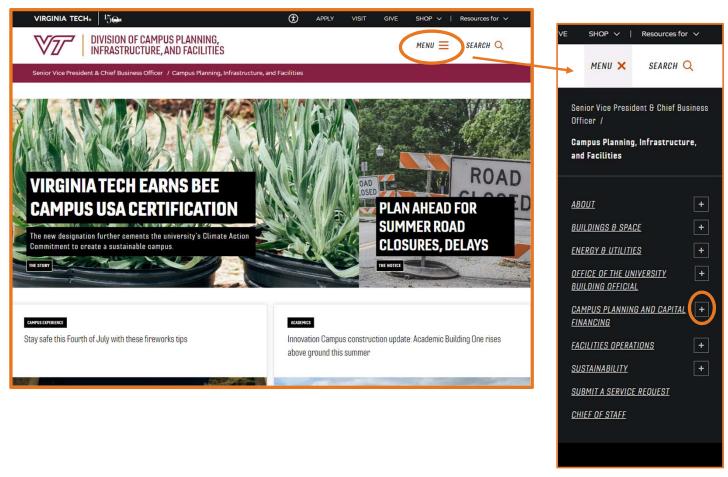
https://www.facilities.vt.edu/





## NAVIGATING TO THE DCS HOME PAGE





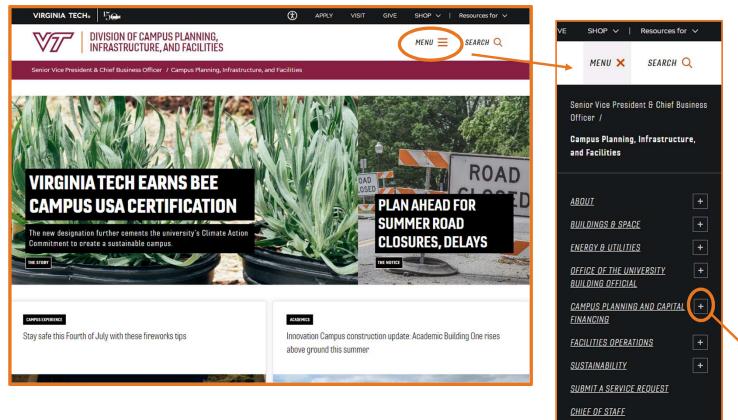


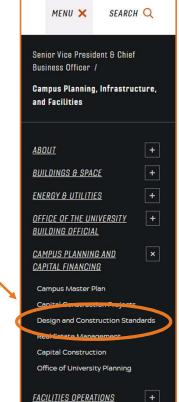


## NAVIGATING TO THE DCS HOME PAGE



SHOP V Resources for V



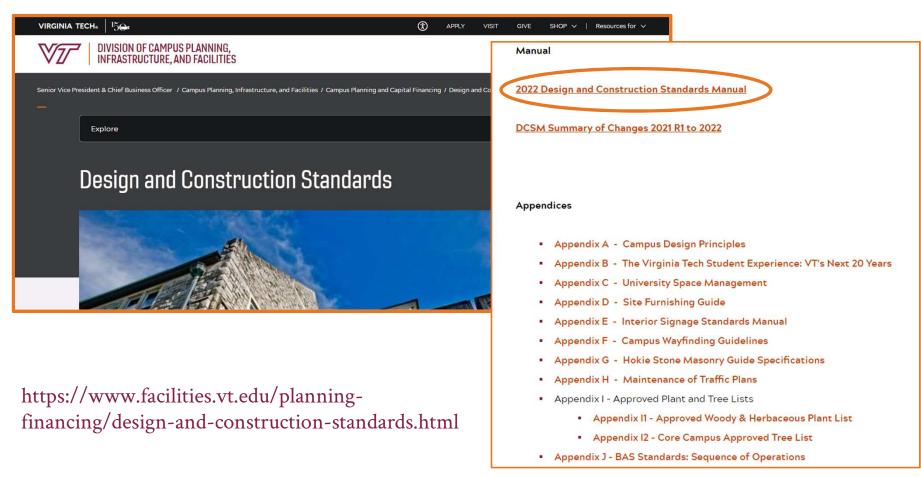






#### DCS HOME PAGE & 2022 DCSM





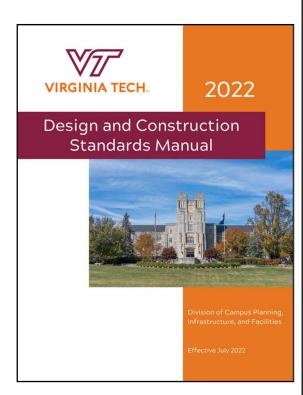




### 2022 DCSM & ASSOCIATED DOCUMENTS



- Effective July 01, 2022
- Updated documents:
  - 2022 Design and Construction Standards Manual
  - Forms and checklists:
    - Records Documents Submitted form
    - CADD Quality Assurance Checklist
    - Design Phase Submittal Checklists
- New document:
  - Appendix J BAS Standards: Sequence of Operations
- DCSM Summary of Changes 2021 R1 to 2022







### EXAMPLE UPDATES IN THE 2022 DCSM



- Section additions in chapters 2, 4, and 7
  - Space Data (2.3)
  - GIS and Surveying (4.1)
  - Electric Vehicle Charging Stations (4.9.9)
  - Contractor Responsibilities for Commissioning (7.4)
- Permits for Temporary Structures (1.3.8.3)
- Elevators (6.5)



Design and Construction Standards Manual Summary of Changes

#### General Information

Chapter titles and the order of chapters did not change for the 2022 version. New second-level subsections were added to chapters 2, 4, and 7. The Building Automation System section (6.3) was revised by an outside source. A new appendix for BAS was created during the section revision. Applicable changes and updates from the VA CPSM 2021 Rev-1 have been incorporated and are identified in the summary.

The summary of changes is organized using the section numbers from the 2022 version. Where section numbers or points from lists changed from the 2021 R1 to the 2022 version, references to the locations in the 2021 R1 version are in parentheses. Changes to specific points on lists an identified with the number for that point.

For example, requirements for identifying design aspects mandatory for environmental initiatives were moved from two sections in the 2021 R1 version to a point in another section of the 2022 version. In the summary of changes, 1.8, #3 (2021 R1, 6.2.4, #1 and 6.8.1, #12) indicates that point #1 in section 6.2.4 and point #12 in section 6.8.1 of the 2021 R1 version are combined now into point #3 in section 1.8 of the 2022 version.

#### Summary of Changes from the 2021 Revision 1 Version to the 2022 Version

#### INTRODUCTION

- Expanded the applicability of the DCSM to more users.
- Updated the contact information.

#### CHAPTER 1 - GENERAL REQUIREMENTS

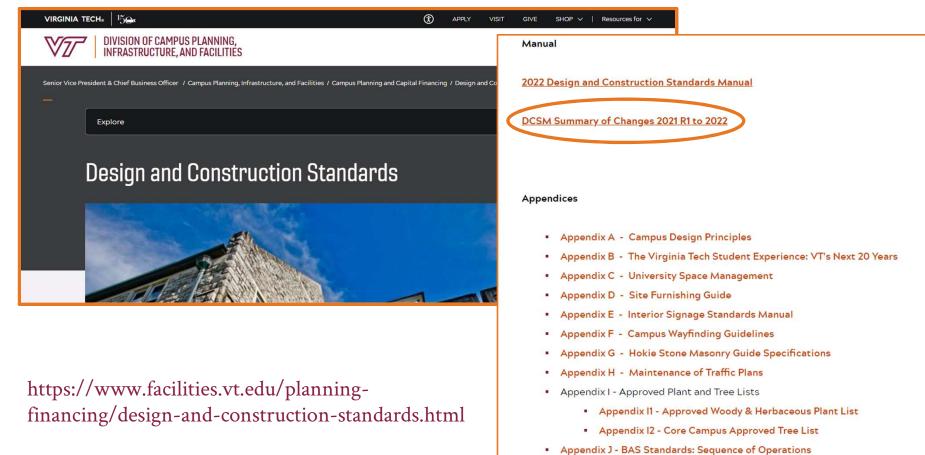
- 1.2.1: Added subsections to General to accommodate new topics. All text in this section was placed under 1.2.1.1.
- 1.2.1.1 (2021 R1, 1.2.2): Created a Program Goals subsection for all the text that was in the General section. Moved the sentence about color selection approval by OUP to section 1.5.4.4.
- 1.2.1.2: Created an Alternate Location Design Requirements subsection to address design requirements for projects locations with already established design standards.
- 1.2.1.3 (2021 R1, 4.4): Created a Signage subsection. Moved general signage requirements (applicable to both interior and exterior signage) from the Exterior





#### DCS HOME PAGE & SUMMARY OF CHANGES







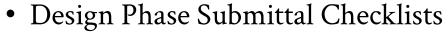


## APPENDIX J & CHECKLISTS

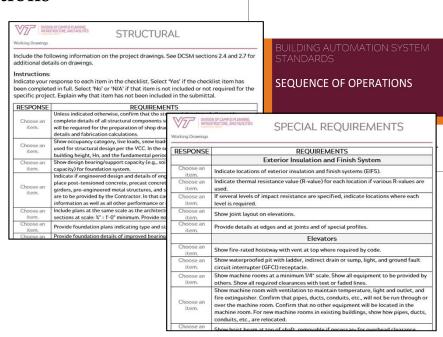


VIRGINIA TECH.

- Appendix J BAS Standards: Sequence of Operations
  - Chapter 1: Sequence of Operations
  - Chapter 2: Alarms and Reporting Actions



- New forms are dated 5/2022
- Updated DCSM section numbers
- Requested changes
- Virginia CPSM 2021 Rev. 1

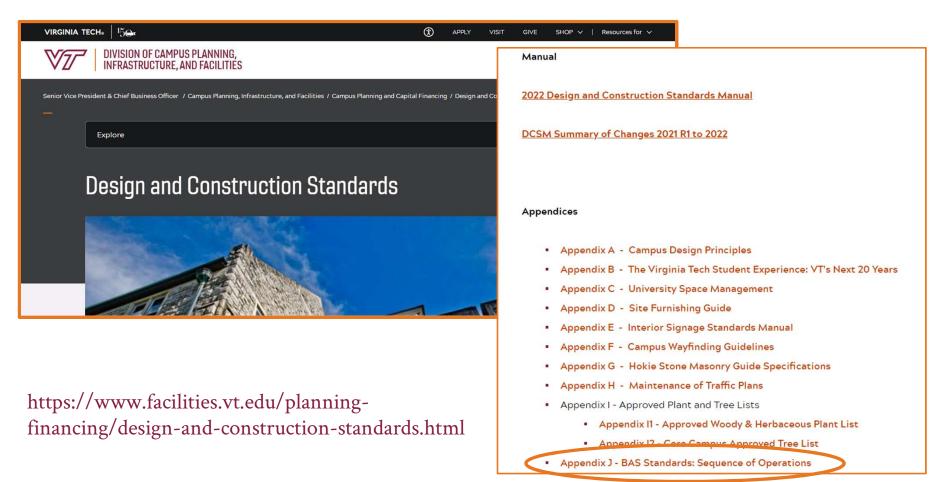






#### DCS HOME PAGE & APPENDICES



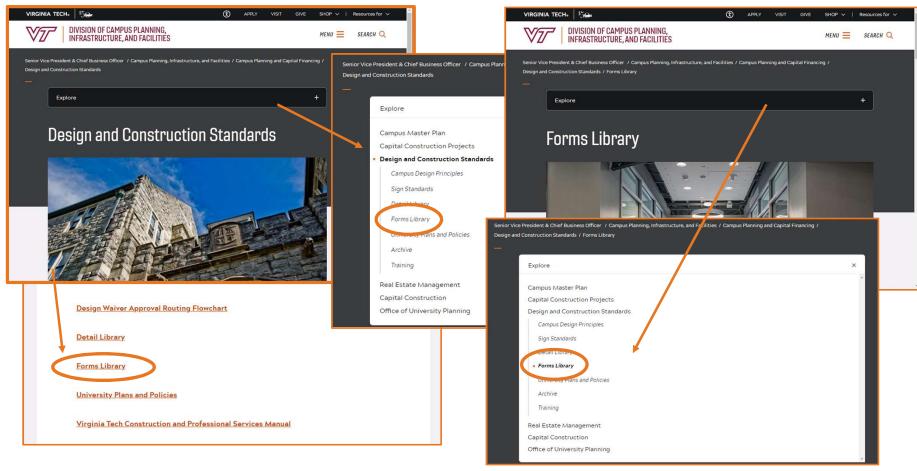






## NAVIGATING TO THE FORMS LIBRARY



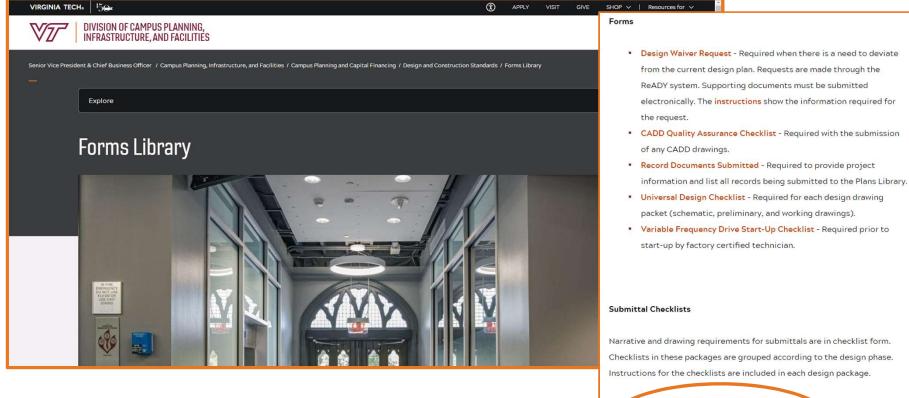






## DESIGN PHASE SUBMITTAL CHECKLISTS





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



- Preliminary Design Checklists
- Code Compliance/Working Design Checklists

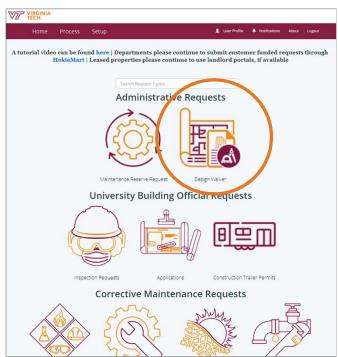








- Design waiver requests in the ReADY system
  - Paper version converted to an online form
  - Applicant and project information will automatically populate
  - Pull-down menus for project, DCSM, and discipline selection
  - Facilitates attaching documents
- One-page summary of request
- Easy access to submitted requests
- Instructions document provided

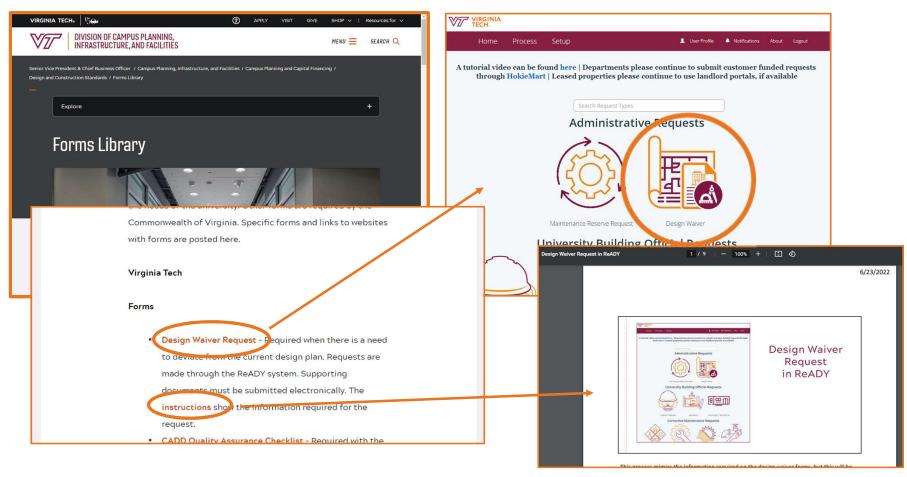






## DESIGN WAIVER REQUEST & INSTRUCTIONS



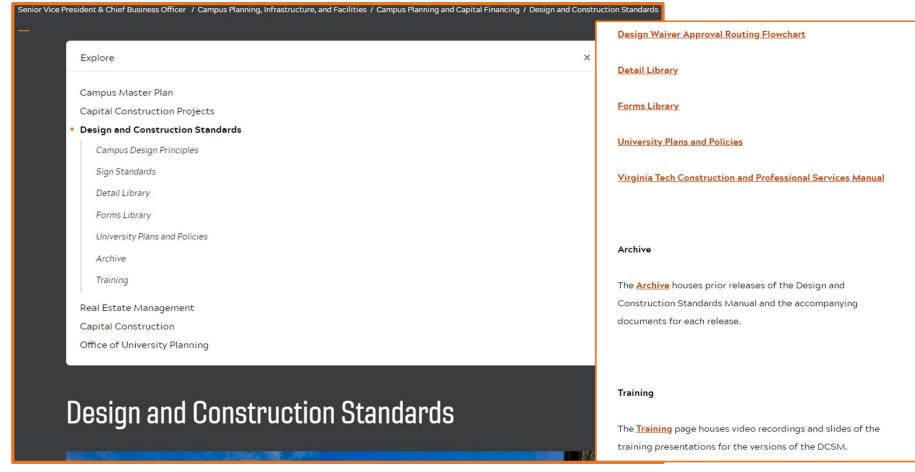






### DCS LINKED PAGES









### PLANNING FOR THE 2023 DCSM



- Mechanical section (6.7) update + new details
- Regularly scheduled meetings:
  - Monthly update presentations: 3rd Thursdays, 1:30 PM
  - Monthly small group and Capital Construction meetings
- Anticipated schedule:
  - Now until February 15, 2023: Receiving changes to include for 2023 DCSM
  - March 2023: First review of 2023 DCSM and associated documents
  - April 17-May 3, 2023: Second review period
  - June 2023: Management review for approval
  - July 1, 2023: Goal signature date for 2023 DCSM
- Feedback is welcome! Contact the team through designstandards@vt.edu.





# QUESTIONS?

