



CWU DACS

(DESIGN AND CONSTRUCTION STANDARDS)

0001 General Information

01 Introduction

The Design and Construction Standards (DACs) are intended to assure the campus is provided with functional and long-lasting buildings, based on the experience with existing campus buildings, and maintenance issues that have been encountered. This information is to be applied to renovation and new construction on all Central Washington University campuses from the very first planning and design phases through construction and facilities maintenance and management. CWU Operations personnel within the University, as well as outside architects, consultants, and contractors should become familiar with these standards.

- A. DACS Scope
 - The DACS shall serve as a code of quality for all CWU design, construction, and maintenance procedures. The level of quality deemed by any one standard is determined on the basis of reliability, serviceability, safety, and cost (including design, construction, inventory, operating, and maintenance costs). The DACS are organized initially by General Information and Common Requirements, then “Typical Building Spaces”, followed by Divisions (00-33) relating to the Construction Specifications Institute (CSI) standard. Some of the sections within each division may not correspond exactly with the official CSI numbering. This has been done for clarity as well as simplification of the guidelines text.
- B. Standards versus Specifications
 - The DACS form the basis from which to create specifications. The use and inclusion of these standards in bid documents does not relieve the consultant of the responsibility and legal liability for any bid documents created from these guidelines.

02 Goals

The following goals provide the basis for this section.

- A. Projects’ aesthetics must contribute to the improvement of the institutional image and establish a sense of visual continuity throughout the campus.
- B. Cost effectiveness, maintainability, life cycle costs, budget constraints, safety



and the operational aspects of the University's facilities must always be considered.

- C. Infrastructure systems must integrate/interface with and/or improve existing systems and jurisdictions.
- D. Landscaping and open spaces must preserve and complement existing features, pedestrian and vehicular traffic, and the outdoor environment.

03 Deviations from CWU DACS

The A/E Team shall notify the Owner of any proposed deviations to the DACS on the log provided in DACS Div. 34 Appendices Section 340001. A/E shall not proceed with the deviation unless approved by CWU PM. A/E must receive approval for those deviations prior to submitting for permit.

04 Notification of Owner Provided Project Requirements

The A/E Team shall discuss any Owner provided requirements that will be included in the bid documents or are necessary to provide a completed project (i.e. OFOI, OFCI, assumed CWU shop support, etc), ASAP, but no later than before permit submittal, and if approved by CWU Project Manager, track them in the spreadsheet located in DACS Div. 34 Appendices Section 340002.

05 CAD & BIM Standards

CWU uses the United States "National Cad Standard – V6". Please ask the CWU PM for any other specific CWU drawing standards before submitting construction documents for review. CWU does not use Revit yet, so please convert Revit drawings to AutoCAD before sending to CWU. Please refer to Appendix 340003 for other paper & electronic submittal requirements.

06 CWU Updates to DACS

CWU intends to make regular amendments to the DACS, as deemed necessary, and will upload those amendments on the CWU website – DACS section. A/Es working on active projects shall provide the CWU Project Manager with their main representative's email to receive DACS updates as they arise.

07 Record Documentation

Most capital projects at Central Washington University require document deliverables such as drawings, specifications, operation and maintenance manuals, studies, reports, and/ or



electronic files from information management systems such as ProCore and Newforma. The deliverable versions may include but aren't limited to draft, design, bid, construction, and record documents. See DACS Div. 34 Appendices Section 340003 for Record Documentation requirements.