

Tyndall AFB Construction Documents Requirements

1.1 CONSTRUCTION DOCUMENTS

1.1.1 Specifications

Specifications for each project shall conform to the CSI master format. Designers shall use SpecsIntact [<https://specsintact.ksc.nasa.gov/>] editing software to manipulate Unified Facilities Criteria (UFC) specifications [http://www.wbdg.org/ccb/browse_org.php?o=70].

1.1.2 Tri-Service Standard

Drawings shall conform to Tri-Service Standards.

1.1.3 Drawing Requirements

- The following are the minimum drawings required for a project at Tyndall AFB.
- Title sheet to include:
 - The title of the project
 - The project number
 - Index of drawings
 - Base map vicinity plan
 - Base map with the project location and the Civil Engineering (CE), the Contract Management, and the Contracting office locations
- Tyndall AFB title block with the appropriate information. (This information can be provided by Tyndall AFB Project Managers/Contracting)
- Each Specification sheet and/or individual drawing submittal shall be identified by Title. (i.e....35% Submittal, 65% Submittal...Etc...)
- Existing and proposed Site Plan (except for projects for interior renovations only)
- Demolition drawings (if necessary)
- Foundation/Footing Plan
- Existing and final Floor Plan with Code Analysis
- Reflected Ceiling Plan - Include HVAC diffusers and returns, the drop in fluorescent light locations, and heat detectors, to ensure proper layout of all disciplines
- Roof Plan (if necessary)
- Elevations
- Wall and Building Sections
- Elevation Details, Window and Door Schedules
- Plumbing Plan and Riser Diagrams
- HVAC Plan and Schedules
- Mechanical Schedules and Details - include all set points, flow rates, control and riser diagrams, electrical voltage ratings, current requirements and equipment schedules.
- Lighting Plan and Fixture Schedule
- Power Plan and Riser Diagrams - include communication systems
- Electrical Schedules and Details
- Fire Detection/Protection Plan

1.1.4 Drawing Format

Use the CSI format and draw to scale on 24"×36" standard size or 30"×42" Mylar sheets. Number each sheet in sequence and reference in the legend on the cover sheet.

Drawings will also be submitted in electronic format in uncondensed form, .PDF files and .DWG files for current version of AutoCAD. The Base CE representative will provide guidance regarding file names.

1.1.5 As-Built

Designer shall require one complete set of Contract Documents to remain on site to be updated daily of any conditions that deviate from the original Contract Documents. If deviations are needed, it shall be approved by the CE project manager and the base contracting officer or specialist and documented. Electronic As-Built shall be turned over to the owner as part of the close out documents.