

PART II – CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

CHAPTER 05 – SIGNAGE AND GRAPHICS

500 – GENERAL INFORMATION

500.1 – General Requirements:

A. Design and Licensing Requirements:

1. Standard Colorado State University (CSU) fonts, colors and graphics are required for identification and wayfinding signage.
 - a. Refer to <https://brand.colostate.edu/> for further details.
 - b. Refer to <https://brand.colostate.edu/visual-brand-languages-of-colleges-and-units/> for college and unit specific details.
2. CSU is the sole owner of its name and the symbols, graphics and marks that identify or are associated with the University.
3. All items bearing CSU name, symbols, graphics, or marks must be produced by a licensed vendor.
 - a. Refer to <https://licensing.colostate.edu/> for more information.

B. Interior and Exterior Non-Regulatory Signage:

1. Projects that incorporate non-regulatory signage shall adhere to the following standards:
 - a. All signage shall be submitted by the Project Representative to the Facilities Management (FM) Environmental Graphic Designer for review and acceptance prior to completion of Construction or Procurement Documents.
 - b. The Project Team, if requested by the Project Representative, shall present the signage to the FM Environmental Graphic Designer.
2. All non-regulatory exterior signage shall be reviewed and approved by the Physical Development Committee.

C. Regulatory Signage:

1. Regulatory signage is typically signage that is required for proper, code agency compliant operation such as safety and vehicle regulatory signage and interior room identification signage.
2. This signage shall be submitted to the Project Representative and may not require review by the FM Environmental Graphic Designer.
3. Regulatory signage includes but is not limited to signage required by the International Code Council (ICC), Colorado Revised Statutes, CSU policies, and Authorities having Jurisdiction.
 - a. Colorado Revised Statutes include “No Smoking” decals as referenced in the CSU Facilities Planning, Design and Construction Standards - Additional Documents.

D. Exterior Building Address Signage:

1. All permanent buildings with a concrete pad, a roof and a utility are required to have a building address sign.
 - a. Permanent exterior building signage is required for emergency response personnel, deliveries and general campus wayfinding.
 - i. The CSU standard building address sign shall be utilized for all instances
 - b. Contact FM Environmental Graphic Designer for exemptions.
2. Refer to CSU Facilities Planning, Design and Construction Standards - Additional Documents.

PART II – CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

CHAPTER 05 – SIGNAGE AND GRAPHICS

E. 2D and 3D Branding or Graphic Installation:

1. 2D and 3D Branding or Graphic Installation must be coordinated with Creative Services in conjunction with FM.

F. Flexibility:

1. Sign construction for signs that frequently change must be made of locally readily available materials.
2. All signage that frequently changes or requires quick turnaround must be easily replaced and not Sole Sourced.
3. Custom signs are not acceptable for signs that change frequently.

501 – DRAWINGS

501.1 – Contents:

- A. The Drawings shall represent complete design and present all information relative to the size, form, location and arrangement of the signage components and Systems of the Project.
- B. Written dimensions on the Drawings shall have precedence over scaled dimensions. The Project Team shall verify and be responsible for all dimensions and conditions shown by these Drawings.
- C. The Project Team shall be responsible for notifying the FM Environmental Graphic Designer of any discrepancies in the Drawings, graphic schedule, field dimensions, or conditions and/or changes required in construction details to assure appropriate execution of the signage program.
- D. Copy, quantities, and references shown on the graphics schedule shall have precedence over Drawings.
- E. Tracing or copies of manufactured Drawings is copyright infringement and is not acceptable.
- F. The following shall be included in the Signage and Graphics Drawings when applicable to the specific Project.
 1. Location of materials, assemblies, products and accessories
 2. Size, thickness and significant dimensions of all signage elements
 3. Gauges, except for prefabricated and assembled units
 4. Details of specially fabricated connections
 5. Relationship of adjacent dissimilar materials
 6. Soil boring or test pit logs including locations for foundations supporting exterior signs that require engineered foundations
 7. Sign location plans shall present all necessary information to show the location of all Signage System components

G. Signage Drawings:

PART II – CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

CHAPTER 05 – SIGNAGE AND GRAPHICS

1. Refer to Chapter 03 – Drawing and Design Requirements by Discipline for additional details.
- H. Plan View Drawings shall present the following minimum information:
1. North direction arrow
 2. Scale
 3. Floor level
 4. Cross reference symbols or notations to sign types, details and other related signage information Drawings so these Drawing elements can be readily located
- I. Interior Sections and Elevations:
1. Provide Sections and Elevation Drawings to show typical sign elevations and their relationship, size, mounting dimensions and location to interior architectural elements.
- J. Details:
1. Provide Detail Drawings showing sign unit elevations, mounting conditions, sizes, graphic layouts and construction details of each sign and display unit type.

502 – SIGNAGE REQUIREMENTS – STRUCTURAL

502.1 – General Requirements:

- A. Structural requirements shall be designed by a licensed Colorado Structural Engineer where required by building code or deemed appropriate by the Project Representative.
- B. Structural Drawings shall conform to Chapter 03 – Drawing and Design Requirements by Discipline.
- C. The Structural Engineer shall:
 1. Confirm existing structure can support anticipated signage loads.
 2. Verify imposed loads on signs including seismic, wind, thermal, and impact. For signs designed to be free standing in public spaces, the load shall be a minimum of the load required for handrails or guardrails and inclusive of seismic, maintenance and thermal loads.
 3. Design foundations, beam supports, and attachments.
 4. Document and verify the design accommodates thermal movement from heat sources.

503 – SIGNAGE REQUIREMENTS – MECHANICAL

503.1 – General Requirements:

- A. Mechanical requirements shall be designed by a licensed Colorado Mechanical Engineer where required by building code or deemed appropriate by the Project Representative.
- B. Mechanical Drawings shall conform to Chapter 03 – Drawing and Design Requirements by Discipline.
- C. The Mechanical Engineer shall:

PART II – CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

CHAPTER 05 – SIGNAGE AND GRAPHICS

1. Confirm heat loads developed by internal and external lighting.
2. Design Ventilation Systems both active and passive.
3. Document and verify heat loads contributed to the surrounding space.
4. Design any modifications required to Fire Suppression Systems.

504 – SIGNAGE REQUIREMENTS – ELECTRICAL

504.1 – General Requirements:

- A. Electrical requirements shall be designed by a licensed Colorado Electrical Engineer where required by building code or deemed appropriate by the Project Representative.
- B. Electrical Drawings shall conform to Chapter 03 – Drawing and Design Requirements by Discipline.
- C. The Electrical Engineer shall:
 1. Establish Load Studies for points of connection for new services.
 2. Design raceways, panels, transformers to support the installation.
 3. Design Electrical Systems within the sign and assure application for UL listing prior to Procurement.

505 – BUILDING/STRUCTURE NUMBERING

505.1 – General Requirements:

- A. Each building or structure shall have an identifying sign.
- B. Contact the Project Representative for assignment of the building name, address and/or identifier number.

END OF CHAPTER