

INSTRUCTIONS

As part of the submission package at the conclusion of each phase of design (schematic, preliminary, working), explain the design's realization of, and or efforts to achieve, each of the seven principles listed herein (and their indicators). This requirement also includes the interior design of the project. Narratives will also provide justification for the inclusion of design elements not in alignment with these principles. That justification should include any adverse cost or program impacts of pursuing universal design elements. This information will be reviewed by university administration to arrive at a decision as to that element's inclusion.

Principle 1: Equitable Use

The design is useful and marketable to people with diverse abilities.

- Provide the same means of use for all users: identical whenever possible; equivalent when not.
- Avoid segregating or stigmatizing any users.
- Provisions for privacy, security, and safety should be equally available to all users.
- Make the design appealing to all users

A/E Narrative Response

Principle 2: Flexibility in Use

The design accommodates a wide range of individual preferences and abilities.

- Accommodate right- or left-handed access and use.
- Facilitate the user's accuracy and precision.

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Principle 3: Simple and Intuitive Use

Use of the design is easy to understand, regardless of the user's experience, knowledge, language skills, or current concentration level.

- Eliminate unnecessary complexity.
- Be consistent with user expectations and intuition.

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Principle 4: Perceptible Information

The design communicates necessary information effectively to the user, regardless of ambient conditions or the user's sensory abilities.

- Maximize "legibility" of essential information.
- Differentiate elements in ways that can be described (i.e., make it easy to give instructions or directions).
- Provide compatibility with a variety of techniques or devices used by people with sensory limitations.

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Principle 5: Tolerance for Error

The design minimizes hazards and the adverse consequences of accidental or unintended actions.

- Arrange elements to minimize hazards and errors: most used elements, most accessible; hazardous elements eliminated, isolated, or shielded.
- Provide fail safe features.

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Principle 6: Low Physical Effort

The design can be used efficiently and comfortably and with a minimum of fatigue.

- Specify furnishings which allow user to maintain a neutral body position.
- Use reasonable operating forces.
- Minimize sustained physical effort.

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Principle 7: Size and Space for Approach and Use

Appropriate size and space is provided for approach, reach, manipulation, and use regardless of user's body size, posture, or mobility.

- Provide a clear line of sight to important elements for any seated or standing user.
- Make reach to all components comfortable for any seated or standing user.
- Accommodate variations in hand and grip size.
- Provide adequate space and infrastructure for the use of assistive devices or personal assistance.

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