



Office of University Building Official

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Architectural Review Tips

1. **Required Information for Code Summary:** Contract Documents shall list all applicable codes; shall list Occupancy Classification and Construction Type of the building; and shall be 100% complete, and sealed by the Responsible Design Professional.
2. **Required Means of Egress** shall always be maintained during construction and demolition; or a temporary means of egress plan shall be submitted to OUBO for review and approval prior to implementation; or work in an egress corridor shall take place outside hours of building occupancy. Life safety plans showing rated assemblies and exit signage shall be provided in Contract Document. (*USBC 3310.2, VEBC 1205.2*)
3. **Fire Rated Assemblies:** Show fire resistant rated assemblies on all floor plans, all disciplines. Provide approved penetration firestop details with associated UL number for all penetrations through rated assemblies. (*USBC Chapter 7*)
4. **Protection During Construction:** In areas where ceilings are removed during construction, orient existing sprinkler as required to maintain adequate coverage until ceilings are re-placed; this may entail turning up heads or other approved measures.
5. **Cross-Reference Details:** All drawing tags shall provide the sheet number the detail is keyed to as well as the sheet number where the detail is drawn.
6. **Handrail extensions:** Handrail extensions shall be provided on stairs and ramps at top and bottom, and shall return to the wall, guard or walking surface. Extensions must be in the direction of travel (i.e., may not turn the corner 90°); landings must be designed to accommodate the extension without blocking the required path of egress. (*USBC 1014.6, ADA 505.10*)
7. **ADA Mounting Tolerances:** When ADA mounting dimensions are given in a range, there is no acceptance of installations outside of that range; A/E's shall indicate the mounting height at the midpoint of the range to accommodate field construction tolerances. When ADA provides only an absolute minimum or maximum, A/E's should not indicate that absolute as the mounting height; this leaves no accommodation for field tolerances.
8. **Sprinkler locations on RCPs:** Reflected ceiling plans shall show locations of all ceiling mounted HVAC grilles, sprinkler, exit signs, and smoke detectors, and shall indicate ceiling heights.