



Los Angeles Community College District Design Standards

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LACCD Facilities Design Standards –Elevators **Campus Facility Standards Cross- Reference Div. 14 Conveying Equipment**

GENERAL - ITEMS ARE NUMBERED FOR EASE OF REFERENCE

1. In buildings four stories tall or less, new installations shall be hydraulic elevator with PVC sleeve.
2. Existing elevators in buildings to be renovated shall be modernized without changing the type of conveyance.
3. The amount of change to an existing system shall be determined by the college (Director of College Facilities), the design professional, and the selected elevator consultant (i.e. lift and control cables, cylinders, inside and outside control panels, doors, etc.).
4. When replacing or eliminating hydraulic cylinders, the disposal of all related fluids shall comply with all local, state, and federal guidelines. When removing in-ground cylinders, the remaining cavity shall be properly backfilled with concrete or other material approved by the college (Director of College Facilities).
5. All installations shall meet or exceed ADA requirements and comply with state elevator code.
6. Elevator demolition, renovation, and installation shall be handled by the same contractor.
7. When traction elevators are approved variable frequency drives shall be used.
8. Door operators shall be approved by the college (Director of College Facilities).
9. Response time for emergencies shall be less than 3 hours at no additional cost to the college.
10. Response time for repairs shall be within 24 hours.
11. The warranty period shall begin at Occupancy or Final Completion.
12. The warranty period shall be 3 years with maintenance included for the 1st year.
13. Elevators shall have an elevator machine room for equipment.
14. Elevator installed shall be of make and design that they are maintainable by a third party.
15. Elevator shall be designed so that during a power outage, the elevator will automatically return to the ground floor and the doors will open.
16. Outdoor elevators that have glass shall have tinted glass, dual pane glass and/or Low e glass to limit the heat inside the cab during hot weather.
17. All finishes inside the cab and elevator doors shall be stainless steel or vandal resistant material. Final approval of cab and door finishes shall be signed-off by the college.
18. Elevator cabs and electrical lighting fixtures installed with the elevator shall be LED lighting.
19. Elevator controls shall be of a generic type that can be maintained by a third party.



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20. The two approved elevators are: Mitsubishi and Fujitec. Any substitution of “or equal” must have written approval from the college.
21. Upon completion of work and prior to acceptance by the college, the fire alarm and communication systems must be tested and proven to be operational.
22. Failure to comply with design standards will result in the changes needed to be made (to be in compliance) at the contractor/architect’s expense.
23. Push buttons must comply with ADA requirements and be metal with an illuminated center.
24. Contractor must obtain all elevator permits and turn them over to the college upon completion of the project.
25. The rate of travel shall be 125 FPM or greater for hydraulic elevators and 350 FPM or greater for traction elevators.
26. Passenger elevators must be rated to carry a minimum load of 3,500 pounds.
27. During construction, elevator shafts shall be protected from damage. If damage is detected in the elevator shaft at the end of construction, the contractor shall install a pump and filter in order to clear the shaft.
28. Elevator mechanical rooms shall be temperature controlled to limit heat to conform with manufacturers operating specifications