



City of Rancho Cucamonga

BUILDING AND SAFETY SERVICES DEPARTMENT

1500 Civic Center Drive | Rancho Cucamonga, CA 91730

Tel: (909) 477-2710 | Fax: (909) 477-2711 | www.CityofRC.us

ELEVATORS AND ELEVATOR ELECTRIC ROOM PLAN CHECK WORKSHEET

(SHOW ON DRAWINGS OR PROVIDE WITH SUBMITTAL. ADDITIONAL ITEMS MAY BE REQUIRED AFTER INITIAL PLAN REVIEW)

NOTE: ALL CODE REFERENCES AS PER 2007 CALIFORNIA ELECTRICAL CODE

1. All wiring in hoistway and in equipment room shall be of a type identified by CEC 620.21. See also CEC 620.21 (A)(3). Please add appropriate notes.
2. Separate branch circuits are needed for car lights, receptacle outlets, and ventilation. The over current protective device for these must be located in elevator equipment room. CEC 620.22(A).
3. Separate branch circuits are needed for the air conditioner and heater for the car. The over current protective device for these circuits must be located in elevator equipment room. CEC 620.22(B).
4. Separate branch circuits are needed for equipment room lights and duplex receptacle outlets. CEC 620.23(A).
5. The lighting switch for the equipment room may not be a motion-sensor type. A maintained-type, mechanical switch inside the room is needed. No ground-fault circuit-interrupter protection for this lighting is allowed. CEC 620.23(A).
6. Show that receptacle outlets, lighting, and switching are for elevator pit. This is assumed to be a hydraulic piston type of elevator. The required pump motor must also be shown. CEC 620.24.
7. All 125 volt, 15 and 20 ampere receptacle outlets installed in pits, hoist ways, on car-tops, or in equipment rooms shall be ground-fault circuit-interrupter protected. CEC 620.85.
8. Show feeder path to elevator equipment room. Feeders may not enter hoist way without specific approval. See CEC 620.37 (C)(2).

9. The main disconnect switch for elevator equipment be located within arm's reach of doorway. This disconnect switch may not de-energize the power for the dedicated circuits for lighting and receptacle outlets at elevator equipment room, elevator car, or hoist way. CEC 620.51 and 620.55
10. Is this building sprinklered? If so, detail compliance with CEC 620.51(B). Is there any standby power system for this building? See CEC 620.91.
11. Please provide the electrical control diagrams for this elevator installation with resubmittal. Any manufacturer installation instructions should also be part of this package.
12. Elevator equipment room shall be secured against unauthorized access and appropriate warning signage applied at door. Please note language and sign description (size, font, etc.) or note ready-made product selected (cut-sheet or internet URL reference).