



The following is a list of items to be checked when reviewing elevator plans and the following codes as part of the Phoenix Building Construction Code (PBCC) with amendments: 2023 National Electrical Code (NEC), 2022 ASME A17.1 Safety Code for Elevators and Escalators, and 2024 International Building Code (IBC).

MISCELLANEOUS REQUIREMENTS

- ☐ Emergency power – IBC, Section 2702
- ☐ Type of elevator and number of elevators
- ☐ Elevator requirement per IBC Amendment, Section 3002.4
- ☐ Layout drawings for machine room
- ☐ Power operation hoistway and car doors – A17.1, Section 2.13
- ☐ Video Text to Talk Communications A17.1 2022 Section 2.27.1.1.3

PIT REQUIREMENTS

- ☐ Pit Access – A17.1, Section 2.2.4
- ☐ Lighting – A17.1, Section 2.2.5
- ☐ Pit, Ground Fault Circuit Interruption (GFCI) – NEC, Section 620.6
- ☐ Luminated Light Switch Amendment to A17.1 Section 2.7.9.1

HOISTWAYS REQUIREMENTS

- ☐ Heating and A/C – IBC Amendment 3005.2, A17.1 Section 2.8.5
- ☐ Lighting – A17.1, Section 2.1.7
- ☐ Maximum Upward movement – A17.1, Section 2.4.6
- ☐ Governor access – A17.1, Section 2.7.6.3.4
- ☐ Cartop Handrails A17.3 Section 3.14 and 4.10

MACHINE ROOM, CONTROL SPACES, MACHINERY SPACES AND CONTROL ROOM REQUIREMENTS

- ☐ Two-way communication – A17.1, Section 2.27.1.1.1
- ☐ GFCI – NEC, Section 620.6
- ☐ Car lighting disconnect – NEC, Section 620.53
- ☐ Elevator disconnect – NEC, Section 620.51
- ☐ Access to machine room, control spaces, machinery spaces and control rooms – A17.1, Section 2.7.3

- ☐ Fire extinguishers – A17.1, Section 8.6.1.6.5
- ☐ Headroom Clearances – A17.1, Section 2.7.4
- ☐ Air Conditioning – Amendment to IBC 3005.2
- ☐ Luminated Light Switch Amendment to A17.1 Section 2.7.9.1