

CONTRACT CHANGE ORDER NO. 275 SUPPL. NO. ---
 ROAD 04-SF-80-13.2, 13.9 SHEET 2 OF --- SHEETS
 FEDERAL NO.(S) _____ CONTRACT NO.: 04-0120F4

Revise Special Provisions Section 10-4.05, “ELEVATOR,” subsection “REQUIREMENTS OF REGULATORY AGENCIES” as follows:

Codes shall be in accordance with the latest applicable edition requirements of the following and as specified:

- ASME: A17.1; Safety Code for Elevators and Escalators.
- CCR: Titles 8 and 24; Group 4 California Code of Regulations.
- ANSI: Z97.1; Glazing Materials Used in Buildings, Safety Performance Specifications and Methods of Tests
- California Electrical Code
- California Building Code
- All State and local codes which govern.

Permanent variances to the above code requirements as granted by the Occupational Safety and Health Standards Board (OSHB) of the Department of Industrial Relations, State of California (DIR) and noted under Decision and Order in these special provisions shall be complied with.

The Contractor shall arrange and pay for inspections by governing authorities and obtain operating permits.

Revise Special Provisions Section 10-4.05, “ELEVATOR,” subsection “DESCRIPTION OF SYSTEM,” table section “Miscellaneous Items” as follows:

Miscellaneous Items:	<ol style="list-style-type: none"> 1. Key Operated Hoistway Access at Landing #6 2. Key Operated Lockout Switches at Landings #1 and #2 3. Stud Hooks inside Cab interior walls (3 sides) for hanging protection blankets 4. Grease guard at pinion gear
	Earthquake Requirements

Add to the end of Special Provisions Section 10-4.05, “ELEVATOR,” subsection “MATERIALS,” subsection “Surface Finishing” as follows:

All exterior conduits shall be white PVC coated and motors shall be painted white.

Add subsection “DECISION AND ORDER” prior to subsection “MEASUREMENT AND PAYMENT” in Special Provisions Section 10-4.05, “ELEVATOR” as follows:

DECISION AND ORDER

Permanent variances to the relevant code requirements granted by the Occupational Safety and Health Standards Board (OSHB) of the Department of Industrial Relations, State of California (DIR) and listed below shall be complied with.

- A. Permanent variances related to the Elevator Control Room:

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1. A car top access panel shall be provided and shall conform to the following requirements:
 - a. The car top access panel opening shall have an area of not less than 0.26 m² (400 inches²) and shall measure not less than 400 mm (16 inches) on any side.
 - b. The car top access panel opening shall be located so as to provide a clear passageway, unobstructed by fixed equipment located in or on top of the car.
 - c. The car top access panel cover shall open outward. It shall be hinged or securely attached with a chain when in both open and closed positions. The chain shall be not more than 300 mm (12 inches) in length and have a factor of safety of not less than 5. The access panel shall be able to be opened from inside the car using a Group I Restricted Key and from the car top without the use of tools. The lock shall be a keyed spring return cylinder type lock having not less than a 5-pin or 5-disc combination.
 - d. Immediately adjacent to the car top access panel there shall be a space available for standing when the car top access panel is open.
 - e. The car top access panel shall be provided with an electrical device that will prevent operation of the elevator car if the car top access panel is open more than 50 mm (2 in) and the device shall be so designed that it:
 - i. Is positively opened.
 - ii. Cannot be closed accidentally when the cover is removed;
 - iii. Must be manually reset from inside the car only after the cover is within 50 mm (2 in) of the fully closed position;
 - iv. Shall be protected against mechanical damage.
 - f. The car top access panel shall only be utilized for:
 - i. Access by a CCCM to inspect, service and maintain the rack and pinion drive system.
 - ii. Rescuing passengers or workers if the elevator cannot be safely moved to a floor.
 - g. The car top guardrail required by ASME A17.1-2004, section 2.14.1.7.1, shall be provided on all sides of the car top, including perimeter sides not enclosed by an adjacent hoistway.
 2. A fixed or portable vertical ladder of non-combustible material shall be located within reach of the car top access panel.
 3. The operation of the elevator shall be suspended when the wind speed in the area reaches 40 miles per hour unless otherwise permitted in writing by the Division. An effective audio-visual warning device shall be installed in the elevator to warn users that the wind speed is likely to exceed the safe wind speed for the elevator. When a wind speed greater than 32 mph is detected by the wind speed detector, the audio-visual warning device inside the car shall be activated and instruct the passengers to exit the elevator when the doors open at the next stop. The elevator shall proceed to the nearest landing and the doors shall open automatically to let passengers out. The car doors shall then close and the elevator shut down until the wind speed has subsided below the 32 mph threshold continuously for a period of 30 minutes.
- B. Permanent variances related to Landing Enclosures inside the tower:
1. The landing doors may be perforated subject to the following:
 - a. The openings shall reject a ball ¾ - inch in diameter.
 - b. The welded wire mesh shall be of not less than 3.5 mm diameter galvanized wire.
 - c. The entrance assembly shall be capable of withstanding a force of 2500 N (560 lbf) applied on the landing side at right angles to and approximately at the center of a panel. This force shall be distributed over an area approximately 100 mm (4 in) x 100 mm (4 inches). There shall be no

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appreciable permanent displacement or deformation of any parts of the entrance assembly resulting from this test.

C. Permanent variances related to other aspects:

1. Any Certified Qualified Conveyance Company (CQCC – elevator contractor) performing inspections, maintenance, servicing, or testing the elevators shall be provided a copy of this variance decision.
2. The Division shall be notified when the elevator is ready for inspection and the Division shall inspect the elevator before a Permit to Operate is issued.
3. The applicant shall notify its employees or their authorized representative(s), or both, of this order in the same way that the Applicant was required to notify them of the application for permanent variance per California Code of Regulations, Title 8, Sections 411.2 and 411.3.
4. This Decision and Order shall remain in effect unless modified or revoked upon application by the Applicant, affected employee(s), the Division of Occupational Safety and Health, or by the Board on its own motion, in the manner prescribed for its issuance.
5. The elevator shall be operated only by personnel who are trained in the operation of the elevator and in the precautions necessary for the openwork enclosures and doors. Safe elevator operation procedures shall be specified in the Maintenance Control Program procedures manual. These procedures shall be available for review and approval by the Division.

