



**COUNTY OF LOS ANGELES  
DEPARTMENT OF PUBLIC WORKS  
BUILDING AND SAFETY DIVISION**

**TENANT IMPROVEMENT  
PLAN REVIEW LIST**

**GENERAL PROJECT INFORMATION**

PLAN CHECK NO. \_\_\_\_\_ DISTRICT NO \_\_\_\_\_ INITIAL VALUATION \_\_\_\_\_  
 JOB ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ZIP \_\_\_\_\_  
 OWNER \_\_\_\_\_ TELEPHONE (\_\_\_\_) \_\_\_\_\_  
 ARCHITECT \_\_\_\_\_ TELEPHONE (\_\_\_\_) \_\_\_\_\_  
 ENGINEER \_\_\_\_\_ TELEPHONE (\_\_\_\_) \_\_\_\_\_  
 APPLICANT \_\_\_\_\_ TELEPHONE (\_\_\_\_) \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ZIP \_\_\_\_\_

**PROJECT INFORMATION**

USE ZONE \_\_\_\_\_ CLIMATE ZONE \_\_\_\_\_ VHFHSZ:  YES  NO FLOOD ZONE:  YES  NO

BUILDING ELEMENT	SQ. FT.	NO. OF STORIES	CONSTR. TYPE	OCC. GROUP	\$/ SQ. FT.	\$ VALUE
<b>New Valuation:</b>						

**FIRE SPRINKLER AND CONSTRUCTION INFORMATION**

SPRINKLER USED FOR HEIGHT INCREASE?  YES  NO  
 SPRINKLER USED IN LIEU OF ONE-HOUR CONSTRUCTION?  YES  NO  
 SPRINKLER USED FOR AREA INCREASE?  YES  NO  
 BUILDING FRONTAGE USED FOR AREA INCREASE?  YES  NO

**PLAN CHECK ENGINEER AND CORRECTION INFORMATION**

REVIEWED BY \_\_\_\_\_ DATE \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
 RECHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
 RECHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_ TELEPHONE \_\_\_\_\_

Your application for a permit, together with plans and specifications, has been examined and you are advised that the issuance of a permit is withheld for the reasons hereinafter set forth. The approval of plans and specifications does not permit the violation of any section of the Building Code, or other local ordinance or state law.

NOTE: Numbers in the parenthesis ( ) refer to sections of the 2008 edition of the Los Angeles County Building Code (LACBC), Table (T), Plumbing Code (PC), Mechanical Code (MC), Electrical Code (EC), Fire Code (FC), or Building Code Manual (B.C.M.), 2005 National Design Specifications (NDS), 2005 Minimum Design Loads for Buildings and Other Structures including Supplement No. 1 (ASCE7).

**INSTRUCTIONS**

- Corrections with circled item numbers apply to this plan check.
- In the left-hand margin of the circled corrections, please indicate the sheet number and detail or note number on the plans where the corrections are made. Resubmit marked original plans and two corrected sets of plans, calculations and this plan review list.
- Incomplete, unclear, or faded drawings or calculations will not be accepted.
- The plan check engineer will be available for conference and telephone calls between the hours of \_\_\_\_\_ and \_\_\_\_\_ on the following days: \_\_\_\_\_. **Appointments are recommended.**
- Incorporate all comments as marked on checked set of plans and calculations and these correction sheets.

**THIS CORRECTION SHEET IS FOR T.I. OF 1 STORY,  
LIKE FOR LIKE OCCUPANCIES ONLY**

**GENERAL REQUIREMENTS**

**APPLICATION AND PERMIT**

1. Application will expire on \_\_\_\_/\_\_\_\_/\_\_\_\_.  
Permit needs to be obtained prior to expiration date. (106.4.1.1)
2. Valuation is low. It should be \$\_\_\_\_\_.  
Correct the application and pay a supplemental plan check fee of \$\_\_\_\_\_ **at the time of re-submittal.** (107.2)
3. A separate application and permit(s) is/are required for: (106.1)
  - a. Demolition work
  - b. Retaining walls greater than four 4 feet in height measured from the bottom of the footing to the top of the wall OR supporting a surcharge.
  - c. Each separate structure
  - d. Fences greater than six (6) feet high
  - e. Swimming Pool(s)
  - f. Signs
  - g. Fire sprinkler system
  - h. Bridge
  - i. Electrical work
  - j. Mechanical work
  - k. Plumbing work
  - l. Storage Racks
  - m. Mechanical Hood
  - n. \_\_\_\_\_

**REFERRALS**

ALL AGENCY APPROVALS are required prior to permit issuance. Please see the attached agency referral sheet for details.

**SUPPLEMENTAL PLAN REVIEW COMMENTS/SHEETS**

4. Refer to the attached sheets for supplemental plan review comments:
  - a. Steel Moment Frame Plan Review
  - b. Solid Waste Disposal
  - c. Accessibility Requirements:
    - i. Public Accommodations & Commercial Facilities
    - ii. SC#1 - Sanitary Facilities, Drinking Fountains, Telephones, Alterations and Wheelchair Lifts.
    - iii. SC#2 - Group A, E, H & I Occupancies.
    - iv. SC#3 - Group B, M & S Occupancies.
    - v. SC#4 - Group R Occupancies.
    - vi. SC#5 - Elevators, Egress, and Areas for Evacuation Assistance.

5. Photocopy/blueprint the following on the plans: (Do NOT staple to the plans)
  - a. Best Management Practice for Construction Activity (Attachment A) requirements.
  - b. Security Requirements
  - c. Structural Observation Program

**ZONING**

6. Submit a copy of the approved CUP or plot plan to Building and Safety Division. Show compliance with all applicable conditions on the plans.

**SITE PLAN**

7. The address of the building, and the name and address of the owner(s), and person(s) preparing the plans are required on the first sheet of the plans. (106.4.3)
8. A complete plot plan showing property lines, lot dimensions, setbacks, street names and width, location of tanks and sewers, existing cesspools, septic tanks and sewage disposal systems. Proposed and existing buildings complete with their areas, occupancy groups, types of construction, distances between buildings, area separation walls, house number, north arrow, scale, parking layout, city/county boundary line, zone change boundary line, locations of all easements, highway dedication lines, street centerlines, storm drains, underground utilities, and overhead power lines are required. (106.4.3)
9. Construction in the Public Right Of Way and projection beyond the property lines or into the alleys shall comply with L.A. County Building Code Chapter 32.
10. Note on the plans: "Pedestrians shall be protected during construction, remodeling and demolition activities as required by L.A. County Building Code Chapter 33. (3306)

**AREA, OCCUPANCY, AND CONSTRUCTION**

11. Show on the plans the proposed number of stories, occupancy groups, type(s) of construction, area justification, occupancy separations, and fire walls for this structure. Vent shafts and courts do not count as area. The mezzanine floor area must be included in the area of the story in which it is located. A single basement that is not a story above grade plane need not be included in the total allowable area provided such basement does not exceed the area permitted for a building with no more than one story above grade plane. Specify the use of all rooms / areas on the floor plans. Provide an area breakdown by level.
12. Show maximum height of the structure on all elevation views and cross sections. (T-6-A)
13. Provide a wall schedule and differentiate between fire walls / fire barriers / fire partitions / party walls / fire areas / smoke barriers / smoke partitions. (Ch. 7)

14. The building as shown is a mixed-occupancy building. The building or portion thereof shall comply with Sections 508.3.1 for accessory occupancies, 508.3.2 for nonseparated occupancies, or 508.3.3 for separated occupancies or a combination of these sections. (508.3)
15. Justify the allowable area per story, total building area and height for mixed occupancies separated in accordance with Section 508.3.3. (506.4.1)
16. No openings are permitted in any exterior wall located within \_\_\_\_\_ feet of the property line.
17. The maximum area of unprotected or protected openings permitted in an exterior wall in any story shall not exceed the values set forth in Table 704.8. Where both unprotected and protected openings are permitted, the total area is limited to Equation 7-2. (704.8, T-704.8)
18. Openings in exterior walls required to have protected openings shall have fire protection rating of (3/4) / (1-1/2) hr assemblies. (704.12, T-715.4, T-715.5)
19. Openings in a fire barrier shall be protected in accordance with Section 715, limited to a maximum aggregate width of 25% and no opening shall exceed 156-SF. (706.7)
20. Show the locations on the plans of Class I, II, or III standpipe (dry, wet, combination) where required in this building. (905)
21. Provide a note on the plans "Plumbing fixtures shall be provided in accordance with Chapter 4 of the County of Los Angeles Plumbing Code." Specify total occupant load on plans to determine number of plumbing fixtures. (PC 412.0)
22. Provide, on the plans, details of the suspended ceiling that conform to the requirements of the attached sheet.
26. For areas without fixed seats, the occupant load shall not be less than the number determined by dividing the floor area under consideration by the occupant per unit of area factor assigned to the occupancy as set forth in Table 1004.1.1. (1004.1.1)
27. For areas having fixed seating without dividing arms, the occupant load shall not be less than one person for each 18-in. of seating length. The occupant load of seating booths shall be based on one person for each 24-in of booth seat length measured at the backrest of the seating booth. (1004.7)
28. Every room or space that is an assembly occupancy shall have the occupant load of the room or space posted in a conspicuous place, near the main exit or exit access doorway. Posted signs shall be of an approved legible permanent design and shall be maintained by the owner or authorized agent. (1004.3)
29. A manual fire alarm system shall be installed in Group A occupancies having an occupant load of 300 or more. (907.2.1)
30. Based on the occupant load, travel distance, use, and/or number of stories provide \_\_\_\_\_ exits from \_\_\_\_\_ room located on the \_\_\_\_\_ floor. (T-1015.1, T-1019.1, 1015.1, 1019.1)
31. Where two or more exits or exit-access doorways are required, at least two must have a minimum separation measured in a straight line between the exit doors or exit access doorways of: (1015.2)
  - a. One-half of the overall maximum diagonal dimension of the building or area served.
  - b. One-third of the overall maximum diagonal dimension of the building or area served, where a building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2.
  - c. Provide two exits, separated by \_\_\_\_\_ feet at the floor and/or roof is required.

## **MEANS OF EGRESS**

23. Clearly indicate occupancy groups and occupancy loads throughout the structure(s) and tabulate on the front sheet of the plans. Where occupants from accessory areas egress through a primary space, the calculated occupant load for the primary space shall include the total occupant load of the primary space plus the number of occupants egressing through it from the accessory area. (1004.1)
24. The gross floor area is to be used in the occupant load calculation per Table 1004.1.1.
25. Yards, patios, courts, and similar outdoor areas accessible to and usable by the building occupants shall be provided with means of egress as required by Chapter 10. Where outdoor areas are used by persons in addition to the occupants of the building, and the path of egress travel from the outdoor areas passes through the building, means of egress requirements for the building shall be based on the sum of the occupant loads of the building plus the outdoor areas. (1004.8)
32. Two exits are required from: (1015.1 & 1019.2)
  - a. Space with occupant load exceeding the values in Table 1015.1.
  - b. Space where the common path of egress travel exceeds the limitations of Section 1014.3.
  - c. Area as required by Section 1015.3, 1015.4, and/or 1015.5.
  - d. Building with more than one level below the first story above grade plane.
  - e. Building with number of stories, number of occupants, and/or travel distance exceeding the maximums specified in table 1019.2.
33. Egress from a room or space shall not pass through adjoining or intervening rooms or areas which are not accessory to the area served or which are high-hazard occupancy areas. (1014.2)
34. Where more than one tenant occupies one floor, each tenant space shall be provided with access to the required exits without passing through adjacent tenant spaces. (1014.2.1)

35. In occupancies other than H-1, H-2, and H-3, the common path of egress travel shall not exceed 75'. In H-1, H-2, and H-3 occupancies, the common path of egress travel shall not exceed 25-ft. For common path of egress travel in Group A occupancies having fixed seating, see Section 1025.8. See Exceptions (1014.3)
36. The path of egress travel along a means of egress shall not be interrupted by any building element other than a means of egress component as specified in Chapter 10. The required capacity of a means of egress system shall not be diminished along the path of egress travel. (1003.6)
37. Egress shall not pass through kitchens, storage rooms, closets, and similar spaces. (1014.2)
38. Doors shall swing in the direction of egress travel where serving an occupant load of 50 or more persons or a Group H occupancy. (1008.1.2)
39. Space between two doors in a series shall be 48-in. minimum plus the width of a door swinging into the space. Doors in a series shall swing either in the same direction or away from the space between the doors. (1008.1.7)
40. The width, in inches, of any component in the means of egress system shall not be less than the product from multiplying the total occupant load by the occupant load factor in Table 1005.1, nor the minimum required for such component as specified elsewhere in Chapter 10. Multiple means of egress shall be sized such that the loss of any one means of egress shall not reduce the available capacity to less than 50 % of the required capacity. (1005.2)
41. Plans as shown exceed allowable travel distance. Justify and detail per Section 1016.1.
42. Aisles must meet Section 1014.4, clearly detail.
43. All means of egress doors shall comply with the requirements of Section 1008.1 and Section 1018.2.
  - a. Means of egress doors shall be readily distinguishable from the adjacent construction and finishes with no mirrors, curtains, drapes, decorations, or similar materials.
  - b. Required exit doors shall have not less than 32-in. clear width, 80-in. clear height, and shall be capable of opening 90 degrees. The maximum swinging door leaf width is 4-ft. nominal.
  - c. Egress doors shall be side-hinged swinging.
  - d. The opening force for interior side-swinging doors without closers shall not exceed a 5-pound force. For other side swinging, sliding, and folding doors, the door latch shall release when subjected to a 15-pound force.
  - e. Revolving and sliding doors may be used in other than Group H occupancies as egress doors only if all of the requirements of Section 1008.1.3.1 and Section 1008.1.3.3, respectively, are met.
44. Show clearly that panic and fire exit hardware, where installed on doors in this building, satisfy the following: (1008.1.9)
  - a. The actuating portion of the releasing device shall extend at least one-half of the door leaf width.
  - b. The maximum unlatching force does not exceed 15-pounds.
  - c. Pivoted or balanced doors shall be of the push-pad type where panic hardware is required, and the pad shall not extend across more than one-half of the door width, measured from the latch side.
45. Structural elements, fixtures, or furnishings shall not project horizontally from either side more than 4-in. over any walking surface between the heights of 27-in. and 80-in. above the walking surface. Exception: Handrails serving stairs and ramps are permitted to protrude 4.5-in. from the wall. (1003.3.3)
46. The means of egress shall have a ceiling height of not less than 7-ft. 6-in. Protruding objects may not reduce the headroom below 80-in. above any walking surface and no more than 50% of the ceiling area may be reduced. (1003.2 & 1003.3.1)
47. Corridors shall be fire-resistance rated as required by Table 1017.1. Provide referenced sections and details at all corridors. (1017.1)
48. Dead end corridors and egress balconies are limited to 20-ft. in length, where more than one exit or exit access doorway is required. See Exceptions (1017.3 & 1014.5)
49. Fire-resistance rated corridors shall be continuous from the point of entry to an exit, and shall not be interrupted by intervening rooms. (1017.5)
50. The path of exit travel to and within exits in this building shall be identified by exit signs conforming to the requirements of Section 1011 and as noted below: (1011.1)
  - a. Exit signs shall be readily visible from any direction of approach.
  - b. Exit signs shall be located as necessary to clearly indicate the direction of egress travel.
  - c. No point in a corridor shall be more than 100-ft. or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign.
51. Exit signs shall be internally or externally illuminated. Internally illuminated exit signs shall be listed and labeled and shall be installed in accordance with the manufacturer's instructions and Section 2702. Externally illuminated exits signs shall comply with the graphics and power source requirements in Sections 1011.5.1 and 1011.5.3, respectively. When the face of an exit sign is illuminated from an external source, it shall have an intensity of not less than 5-foot-candles (54 lux). (1011.2, 1011.4, 1011.5)
52. Note on the plans: "Any time a building or a portion of a building is occupied, the means of egress serving the occupied portion shall be illuminated at an intensity of not less than 1-foot-candle (11 lux) at the walking surface level." (1006)

53. The power supply for means of egress illumination shall be provided by the premise's electrical supply. In the event of power supply failure, illumination shall be automatically provided from an emergency system for the following areas: (1006.3)
- Aisles and unenclosed egress stairways in rooms and spaces that require two or more means of egress.
  - Corridors, exit enclosures, and exit passageways in buildings required to have two or more exits.
  - Exterior egress components at other than the level of exit discharge until exit discharge is accomplished for buildings required to have two or more exits.
  - Interior exit discharge elements, as permitted in Section 1024.1, in buildings required to have two or more exits.
  - Exterior landings, as required by Section 1008.1.5, for exit discharge doorways in buildings required to have two or more exits.
54. The exit signs shall also be connected to an emergency electrical system which is to provide continued illumination for a duration of not less than 1-1/2 hr. in case of primary power loss. Continued illumination is to be provided from storage batteries, unit equipment, or an on-site generator and the installation of the emergency power system shall be installed in accordance with Section 2702. (10011.5.3)
55. Emergency lighting facilities shall be arranged to provide initial illumination that is at least an average of 1-foot-candle (11 lux) and a minimum at any point of 0.1-foot-candle (1 lux) measured along the path of egress at floor level. A maximum-to-minimum illumination uniformity ratio of 40 to 1 shall not be exceeded. (1006.4)
56. Egress doors or gates shall be openable from the egress side without the use of a key, special knowledge, or effort. Door handles, pulls, latches, locks, and other operating devices shall be installed 34 to 48 in. above the finished floor. Manually operated flush bolts or surface bolts are not permitted. The unlatching of any door or leaf shall not require more than one operation. (1008.1.8)
57. Plans must indicate / detail the floor or landing on each side of doors is not more than 1/2-in. lower than the threshold of the doorway. Raised thresholds and floor level changes greater than 1/4-in. at doorways shall be beveled with a slope not greater than one unit vertical in two units horizontal (50% slope). (1008.1.6)
58. Landings shall be provided on each side of doors and such landing shall be at the same elevation on each side of the door. Landings shall have a width not less than the width of the door and a length measured in the direction of travel of not less than 44-in. (1008.1.4, 1008.1.5)
59. Doors shall not project more than 7-in. into the required landing dimensions when fully opened, or more than one half into the required landing width when open in any position if the landing serves 50 or more occupants. Provide details showing compliance. (1008.1.5)
60. Where elevation changes of less than 12-in. occur along the means of egress, sloped surfaces shall be used. Where the slope is greater than 1:20 (5%), ramps complying with Section 1010 shall be used. Where the difference in elevation is 6-in. or less, the ramp shall be equipped with either handrails or floor finish materials that contrast with adjacent floor finishes. (1003.5)
61. This structure has ramps. Provide enough detail to show that the width, slope, landings, and handrails satisfy the requirements of Section 1010. Ramps required for the physically disabled must be min. 4-ft. wide. (1010)
62. Exterior exit ramps and stairways shall be open a minimum of 35 sq. ft. on at least one side. The open area shall be located not less than 42-in. above the adjacent floor or landing level. (1023.3)
- Solid Waste Disposal**
63. Provide Solid Waste Disposal per the attached sheet, or obtain approval from Environmental Programs Division.
- On site plan, show location and size of solid waste storage enclosure.
  - Show dimensioned layout, including clear width and depth
64. Provide details for the wall and roof construction enclosing the bin.
65. Commercial dumpsters and containers with an individual capacity > 1.5 cubic yards shall not be stored or placed within 5-ft. of combustible walls, openings or combustible roof eave lines unless the trash area is protected by an approval automatic sprinkler system. (F.C. 304.3.3)
66. A fire barrier/horizontal assembly of 1-hr. is required between the trash enclosure and other occupancies where trash enclosure is classified as incidental use. Detail wall and ceiling construction. Provide 3/4-hr. opening protection. (508.2.2.1, T508.2, T715.4, T715.5)
- FIRE DAMPERS, DUCTS AND RETURN AIR PLENUMS**
67. Materials exposed within ducts or plenums shall be noncombustible or shall have a flame spread index < 25, and a smoke developed index < 50. Note on the plans. (MC 602.2)
68. Required fire rated corridors (including the space above the non-rated dropped ceiling) shall not be used as a return air plenum. (MC 602.1)

69. No mechanical duct penetrations are permitted (except for those independent systems serving the exit enclosures) through exit enclosure walls or ceilings. (1020.1.2)
70. Smoke dampers to be installed at penetrations in the following locations: (716.5)
- Corridors.
  - Smoke barriers.
71. Fire dampers to be installed at penetrations in the following locations:
- Fire walls.
  - Fire barriers in other than high-rise buildings, Group A, E, H, I, L and R occupancies.
  - Fire partitions.
72. Smoke and fire dampers to be installed at penetrations in the following locations:
- Fire barriers in high-rise buildings, Group A, E, H, I, L and R occupancies.
  - Shaft enclosures.

## **GENERAL REQUIREMENTS**

73. Cement, fiber-cement or glass mat gypsum backers in compliance with ASTM C1178, C1288 or C1325 shall be used as a base for wall tile in tub and shower areas and wall and ceiling panels in shower areas. Water-resistance gypsum backing board shall be used as a base for tile in water closet compartment walls when installed in accordance with GA-216 or ASTM C840. Regular gypsum wallboard is permitted under tile or wall panels in other wall and ceiling areas when installed in accordance with GA-216 or ASTM C840. Water-resistant gypsum board shall NOT be used in the following locations: (2509.2)
- Over a vapor retarder.
  - In areas subject to continuous high humidity, such as saunas, steam rooms or gang shower rooms.
  - On ceilings where frame spacing exceeds 12-in. O.C. for 1/2-in. thick and more than 16-in. O.C. for 5/8-in. thick.
74. Each pane of safety glazing installed in hazardous locations shall be identified by a manufacturer's designation specifying who applied the designation, the manufacturer or installer and the safety-glazing standard. The following shall be considered specific hazardous locations for the purposed of safety glazing. Glazing in: (2406)
- Swing doors.
  - Fixed and sliding panels of sliding door assemblies and panels in sliding and bi-fold closet door assemblies.
  - Storm doors.
  - Unframed swinging doors.
  - Doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs, and showers.
- Fixed or operable panels adjacent to a door where the nearest exposed edge of the glazing is within 24-in. arc of either vertical edge of the door in a closed position and where the bottom exposed edge of the glazing is less than 60-in. above the walking surface.
  - Fixed or operable panel, other than described in items e and f, which meets all of the following conditions:
    - Exposed area of an individual pane greater than 9 sq. ft.
    - Exposed bottom edge less than 18-in. above the floor.
    - Exposed top edge greater than 36-in above the floor.
    - One or more walking surfaces within 36-in horizontally of the plane of the glazing.
  - Walls and fences enclosing indoor and outdoor swimming pools and spas where all of the following conditions are present:
    - The bottom edge of the glazing is less than 60-in. above a walking surface on the pool or spa side of the glazing.
    - The glazing is within 60-in of a swimming pool or spa water's edge.
  - Adjacent to stairways, landings and ramps within 36-in horizontally of a walking surface; when the exposed surface of the glass is less than 60-in. above the plane of the adjacent walking surface.
75. Provide one toilet facility in every building. The required number of fixtures shall comply with Table 4-1 of the Plumbing Code.
76. Toilet and bathing room floors shall have a smooth, hard, nonabsorbent surface that extends upward onto the walls at least 6-in. (1210.1)
77. Walls within 2-ft. of urinals and water closets shall have a smooth, hard, nonabsorbent surface, to a height of 4-ft. above the floor, and except for structural elements, the materials used in such walls shall be of a type that is not adversely affected by moisture. (1210.2)
78. Public toilet rooms shall be provided with a mechanical exhaust system capable of providing a minimum 50 CFM for each water closet and urinal and a minimum 70 CFM for heavy use application such as theater, school, ... (MC T-4-4)
79. Occupied spaces shall be provided with natural ventilation by means of readily controllable exterior openings with an area not less than 4% of the total floor area. Such exterior openings shall open directly to the outdoors or to a yard or court that complies with Section 1206. Clearly specify on plans how the building is provided with the required ventilation. Where natural ventilation is not provided, submit to the Mechanical Section for compliance with the Los Angeles County Mechanical Code. (1203.1, 1203.4, 1203.5)

