

# LAKE COUNTY FIRE PROTECTION DISTRICT

14815 OLYMPIC DRIVE, CLEARLAKE, CALIFORNIA 95422  
 707-994-2170 PHONE 707-994-4861 FAX

<b>Address:</b>		<b>Permit #:</b>
<b>Inspector:</b>	<b>Date:</b>	<b>Status:</b>
<b>Inspector:</b>	<b>Date:</b>	<b>Status:</b>
<b>A-Approved; AC-Approved w/comments; I-Incomplete; D-Denied</b>		

**This Checklist outlines general requirements. Information contained herein applies to typical instances and may not address all circumstances.**

**FILE REVIEW:**

**Y N N/A**

1. County/City building permit or application
2. Phase 1 Environmental Site Assessment approved.
3. 3 or more checks require an hourly fee for the review
4. Approved alternate materials or methods of construction apply

**COVER SHEET:**

**Y N N/A**

5. Project Address
6. Owner' contact information
7. Designer's contact information
8. Applicable codes
9. Occupancy type
10. Construction type
11. Tenant improvement area
12. Automatic sprinkler system to be modified per reference standard
13. Automatic fire alarm system to be modified per reference standard
14. Fire pump and/or standpipe system to be provided per reference standard
15. Special Extinguishing System to be provided per reference standard
16. Emergency Evacuation plans to be provided in E, B, E, H, I R and some M's, CFC 404

- |     | Y | N | N/A  |
|-----|---|---|--|
| 17. |   |   | Vegetation Management Plan to be provided                        |
| 18. |   |   | Hazardous Materials to be used or stored as part of this project |
| 19. |   |   | High Piled Storage to be part of this project                    |

**SITE PLAN: (May not apply if T.I. is strictly interior to an existing building)**

- |     | Y | N | N/A   |
|-----|---|---|---|
| 20. |   |   | Drawn to scale and/or dimensions of Fire Service features noted   |
| 21. |   |   | Apparatus access to within 150 feet hose-pull distance of all 1 <sup>st</sup> floor exterior walls, CFC 503.3.1.1 |
| 22. |   |   | Apparatus access vertical clearance minimum 13 feet 6 inches, CFC 503.2.1   |
| 23. |   |   | Apparatus access minimum 20 feet wide for buildings to 30 feet tall, CFC 503.2.1                                  |
| 24. |   |   | Two apparatus access roads provided for buildings over 62,000 sf, CFC D104.2                                      |
| 25. |   |   | Apparatus turn-around per COSR Standard 203F is provided, CFC 503.2.5   |
| 26. |   |   | Apparatus access gates have Knox lock or Knox override if powered   |
| 27. |   |   | Apparatus access gates 20 feet into site from public roadway  |
| 28. |   |   | Fire lane curb markings and/or signage provided (FPB Standard), CFC 503.3   |
| 29. |   |   | Site Map with building addresses provided at multi-building site entrances (FPB Standard)                         |
| 30. |   |   | Fire hydrants at least 40 feet from building (NFPA 24)  |
| 31. |   |   | Sprinkler system FDC on street address side of building   |
| 32. |   |   | Guard posts provided where hydrants, tanks, generators, gas meters are subject to vehicle impact, CFC sec 312     |
| 33. |   |   | All exterior doors have paved access walkway to required apparatus access road, CFC 504.1                         |
| 34. |   |   | 20-foot wide pedestrian access from main exit to public way in A and E Occupancies                                |
| 35. |   |   | Level ladder staging area provided at all emergency egress windows (FPB Standard)                                 |
| 36. |   |   | Fire District key box provided at main building or site entrance, CFC 506   |

**FLOOR PLANS:**

- |     | Y | N | N/A   |
|-----|---|---|---|
| 37. |   |   | Allowable height and area shall be per CBC                                  |
| 38. |   |   | Mixed uses shall be separated as required per CBC                           |
| 39. |   |   | Exterior wall fire resistiveness shall be per CBC                           |
| 40. |   |   | Openings in rated exterior walls shall have protections as specified in CBC |

**FLOOR & ROOF:**

	<b>Y</b>	<b>N</b>	<b>N/A</b>
41.			Verify roof rating and surface comply with CBC Chapter 15
42.			TJI/Composite Wood Joists. Composite wood joists in sprinklered buildings. Maximum 16" in depth or comply with one of the exceptions (drywall on underside, sprinkler within, fill joists with noncombustible insulation).
43.			TJI/Composite Wood Joists. Open joists require fire stopping of channels into 300 ft/2 areas. Close joists (ceiling on the underside) require fire-stopping into 160 ft/3 areas.
44.			Draft stops shall be installed in attics per CBC 717.4. See exceptions for fire sprinklered attics
45.			Skylights, if provided, are not installed within the area, based upon distance to property line, to be protected
46.			Roof access shall be provided and new buildings four or more stories shall provide a stairway, CFC 504

**GENERAL REQUIREMENTS, EXITING, DOOR SCHEDULE:**

	<b>Y</b>	<b>N</b>	<b>N/A</b>
47.			Doors swing in direction of exit travel if serving >50 occupants, CFC 1010.1.2.1
48.			Panic hardware on doors of A, E occupancies with >50 occupants, CFC 1010.1.10
49.			The number of doors for each room or area complies with CFC 1019
50.			Exits do not pass through laboratories, store rooms, kitchens, hazardous use areas
51.			Exits separated min 1/3 diagonal of space if sprinklered or 1/2 diagonal if not sprinklered, CFC 1007.1.1
52.			Common Path of Egress Travel Distance per CFC 1029.8
53.			Exit Access Travel Distance per CFC Table 1017.2
54.			Egress Widths per CFC Table 1005.1
55.			Occupant load calculations are provided for the rooms and assembly areas, and occupant load signs are processed for assembly areas, CFC 1004.9
56.			Maximum Occupant Load signage if >50 occupants in A Occupancies, CFC 1004.9
57.			Illuminated exit signs clearly delineate path of egress for all spaces >50 occupants. Signs at directional changes in hallways, visible from any direction of egress travel and where necessary, CFC 1008
58.			Exit signs are flush or perpendicular to mounting surface so they are in the field of view.
59.			Signage detail is provided for the landing areas of vertical stairways more than 3 stories. Signage states location – East, West, etc., terminus-roof access or not, floor number and floors served by stairs. Signs to be 5 foot above floor landing, CFC 1008.3.1
60.			Type 1 hood with 1-hour exhaust duct installed at all commercial cooking appliances, CFC 607.2

Y N N/A

- 61. One 2A:10B-C fire extinguisher is provided per 3,000 sf, max 75 ft travel distance
- 62. Type, size, mounting height, and travel distance are appropriate for the hazard and are detailed on the plans, CFC 906
- 63. Signage at HVAC, sprinkler, electrical, and fire alarm control location required, CFC 509
- 64. SFM regulated occupancies: >2 stories or without straight-run stairs have at least one elevator sized for medical gurney - min 80 in x 54 in cab interior

**INTERIOR ELEVATIONS AND FINISH SCHEDULE:**

Y N N/A

- 65. Wall and ceiling finish material classes per CFC Ch 8
- 66. SFM regulated occupancies: decorative materials treated for flame spread and smoke production

**EXTERIOR ELEVATIONS:**

Y N N/A

- 67. 12-inch illuminated address characters on street elevation
- 68. Doors swing in direction of exit travel if serving >50 occupants, CFC 1008.1.2
- 69. Air-handling units >2,000 cfm have smoke detector in supply duct for automatic shutdown

**MECHANICAL PLANS:**

Y N N/A

- 70. Fire Dampers are shown and detailed. Activation method is specified and listing is for passive or dynamic.
- 71. If handling hazardous materials, provide 1 cfm per ft<sup>2</sup>.

**ELECTRICAL PLANS:**

Y N N/A

- 72. Path of egress from all spaces to the public way is illuminated to 1-foot candle, CFC 1008
- 73. Egress illumination has 90-minute backup power, CFC 1008.3.4
- 74. Emergency alarm required in accordance with CFC 907
- 75. If to be equipped with a fire alarm system, reference the Fire Alarm Power Supply Standard specifically to address the need for a separate disconnect, locking of the disconnect, color and signage.
- 76. If to be equipped with a fire pump, reference the Fire Pump Standard to ensure the special electrical conductor protections are provided at the time of building construction
- 77. Provision for elevator shunt-trip, if required, are noted on the electrical drawings, CFC 606.8.5
- 78. If commercial cooking equipment, provisions are made for shunt-trip on appliance power circuit, CFC 904.3.3

**ALTERNATE OR CLEAN AGENT GAS INCLUDING CO2:**

**Y N N/A**

- 79. Room use or type of hazard and/or process is detailed on the plans.
- 80. Equipment and devices data sheets, voltage and battery calculations are provided.
- 81. Concentration and discharge calculations are provided.

**USE AND PROCESS SPECIFICS:**

**Y N N/A**

**Group R Occupancies**

- 82. Smoke detectors are located in sleeping rooms, hallway and adjacent room if vaulted ceiling, also at the top of stairs and lower level, CFC 907.3.2

**Assembly Use**

- 83. Exit door hardware; panic hardware is on all exit doors except main entry, no other security bolt hardware allowed with panic hardware, CFC 1010.1.10

**Fuel-Dispensing Station**

- 84. Details for dispensing unit or island, and emergency shut-off location are provided, and tank construction is in accordance with CFC Ch 23

**Hazardous Materials**

- 85. Hazardous Materials, CFC 50 & 57 always applies then the chapter specifics.
- 86. Spill control and secondary containment, CFC Ch 50-2107, Ch 57-12-23
- 87. Cryogenics, CFC Ch 55.
- 88. Compressed gases, CFC Ch 53
- 89. Flammable combustible liquids, CFC 57.
- 90. Highly toxic and toxic materials, CFC 37.
- 91. Oxidizers, CFC 63.
- 92. Unstable and water reactive materials, CFC 67