



CITY OF EL DORADO

FIRE DEPARTMENT

Fire Chief Ken Nakaten

8/27/2008

To Whom It May Concern:,

Since you have made an inquiry to the City of El Dorado Building Department for new construction and or renovation. This letter is intended to educate you on some changes with the City of El Dorado. The El Dorado Fire Department has recently adopted the 2006 international Fire Code, in the adoption of the code; section 104.2.1 was created and requires a code footprint be submitted to this office for approval. The code footprint would be required for anything requiring a submittal of plans to the Building Official, in all structures, other then those of one and two family dwellings. For your information I am including a copy of Section 104.2.1 for your review. If you have any questions please do not hesitate to contact me.

Joe Haag, Fire Marshal



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Section 104.2.1 of the International Fire Code shall be created to read as follows:

Section 104.2.1. Code footprint. A building and life safety code compliance document that contains both graphic and narrative information and that meets the requirements of section 104.2.1.

Section 104.2.1.1 of the International Fire Code shall be created to read as follows:

Section 104.2.1.1. Format. Each code footprint shall be submitted in the following format:

- (A) An 11-inch by 17-inch reduction of the full-sized drawing, sealed by a Kansas-licensed design professional.

Exception: A full-sized drawing consisting of a complete floor plan, including existing facilities and new construction, for each floor of the facility, including basements and mezzanines; if the project is deemed to be too large or complex to be accurately depicted on a 11-inch by 17-inch drawing.

Section 104.2.1.2 of the International Fire Code shall be created to read as follows:

Section 104.2.1.3 When required. A code footprint shall be prepared for all new buildings, new building additions, and changes in occupancy, or building renovation, with the exception of buildings used solely as dwelling houses containing no more than two families. Each code footprint shall be prepared by a Kansas-licensed design professional.

Section 104.2.1.4 of the International Fire Code shall be created to read as follows:

Section 104.2.1.4. Required information. The following shall be required on all code footprints:

- 1) A graphic bar scale;
- 2) a north directional indicator;
- 3) a complete building floor plan, with a clear identification of new, remodeled, and existing portions;
- 4) identification of all permanent partitions taller than six feet;
- 5) a label with plain text, keynotes, or legends for each room and space
- 6) the occupant load of assembly rooms and total occupant load for each floor level;
- 7) identification of openings and ratings of stair and shaft enclosures;



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- 8) identification of openings and ratings of corridors and openings;
 - 9) identification of occupancy and area separations;
 - 10) identification of all horizontal exit arrangements, exit passageways, and smoke compartments; (including egress lighting and exit sign location)
 - 11) identification of all required exterior exits, and exit capacity;
 - 12) the location of the central fire alarm control panel and any remote annunciator panels;
 - 13) the location of each fire department supply connection;
 - 14) the location of fire department access roads and fire hydrants;
 - 15) the distances to property line and exposures;
 - 16) identification of any special hazards or conditions; and
 - 17) The location of any anticipated future additions.
 - 18) The following narrative information shall be required on each code footprint submitted:
 - a. The project construction purpose: new, addition, change in use, renovation, or other;
 - b. the reason for submittal: new construction, new licensure, certificate of occupancy, or plan of correction for existing code deficiencies;
 - c. the code or codes used;
 - d. the street address, city, state, zip code,
 - e. the name, address, city, state, zip code, phone number, and fax number of the owner;
 - f. the date developed and any revision dates;
 - g. the name, address, city, state, zip code, phone number, and fax number of the designer;
 - h. the designer's seal (RA or PE);
 - i. the name of the responding fire service;
 - j. the name of the local building inspection department, if
 - k. available;
 - l. each occupancy group and type;
 - m. the type of construction;
 - n. the structural code requirements, including the following:
 - i. The total floor area of each occupancy, both actual and allowable;
 - ii. height and area limitations, both actual and allowable; and
 - iii. structural fire ratings, both actual and allowable;
 - o. Identification of active fire safety features, including the following:
 - i. The type of automatic suppression systems and locations;



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- ii. the fire alarm signaling system;
- iii. emergency lighting and power features; and
- iv. the smoke control system;
- v. water supply requirements of the facility for fire suppression; and
- vi. Alternative methods of design or construction, or both.