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REFERENCED STANDARDS

In accordance with IFC 102.6 Referenced codes and standards are governed by the adopted International Codes:

“The codes and standards referenced in this code shall be those that are listed in Chapter 45 and such codes and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between the provisions of this code and the referenced standards, the provisions of this code shall apply.”

In accordance with IFC 102.7 Subjects not regulated by the adopted International Codes:

“Where no applicable standards or requirements are set forth in this code, or are contained within other laws, codes, regulations, ordinances or bylaws adopted by the jurisdiction, compliance with applicable standards of the National Fire Protection Association or other nationally recognized fire safety standards, as approved, shall be deemed as prima facie evidence of compliance with the intent of this code. Nothing herein shall derogate from the authority of the fire code official to determine compliance with codes or standards for those activities or installations within the fire code official’s jurisdiction or responsibility.”

ASME

American Society of Mechanical Engineers (ASME) Standard A17.1, “Safety Code for Elevators and Escalators” 2004 Edition.

American Society of Mechanical Engineers (ASME) Standard A17.13, “Safety Code for Existing Elevators and Escalators” 2002 Edition.

BCC

Bellevue Municipal Code (BCC) Chapter 23.11

IBC

International Building Code (IBC) 2006 Edition.

IFC

International Fire Code (IFC) 2006 Edition.

IMC

International Mechanical Code (IMC) 2006 Edition.

NFPA

National Fire Protection Association (NFPA) Standards as referenced in IFC Chapter 45.

23.11.45 International Fire Code Chapter 45 amended – Referenced Standards

The following NFPA referenced standards identified on page 388 are amended by the City of Bellevue as follows:

13–07	Installation of Sprinkler Systems	Table 704.1, 903.3.1.1, 903.3.2, 903.3.5.1.1, 903.3.5.2, 904.11, 905.3.4, 907.9, 2301.1, 2304.2, Table 2306.2, 2306.9, 2307.2, 2307.2.1, 2308.2.2, 2308.2.2.1, 2310.1, 2501.1, 2804.1, 2806.5.7, 3404.3.3.9, Table 3404.3.6.3(7), 3404.3.7.5.1, 3404.3.8.4
13D–07	Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes	903.3.1.3, 903.3.5.1.1
13R–07	Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height	903.3.1.2, 903.3.5.1.1, 903.3.5.1.2
14–07	Installation of Standpipe and Hose Systems	905.2, 905.3.4, 905.4.2, 905.8
20–07	Installation of Stationary Pumps for Fire Protection	913.1, 913.2, 913.5.1
72–07	National Fire Alarm Code	509.1, Table 901.6.1, 903.4.1, 904.3.5, 907.2, 907.2.1.1, 907.2.10, 907.2.10.4, 907.2.11.2, 907.2.11.3, 907.2.12.2.3, 907.2.12.3, 907.3, 907.5, 907.6, 907.10.2, 907.11, 907.15, 907.17, 907.18, 907.20, 907.20.2, 907.20.5

UL

Underwriters Laboratories, Inc. (UL) Standard No. 300, "Fire Testing of Fire Extinguishing Systems for Protection of Restaurant Cooking Areas." 1996 Edition – with revisions through December 1998.

A

APPENDIX ***PERMIT CENTER REVIEW CHECKLIST***

BELLEVUE FIRE DEPARTMENT **LIFE SAFETY PLAN REVIEW CHECKLIST, 1**

Permit Number _____ Date _____

Project Name _____

Address _____

Permit Applicant Company _____

Certified By _____ Phone _____, Fax _____

BASIC BUILDING INFORMATION

1 OCCUPANCY & AREAS: _____.

2 TYPES OF CONSTRUCTION: _____.

3 HEIGHT (# STORIES & ELEVATION): _____.

4 FLOOR AREAS & TOTAL: _____.

5 AREA & OCCUPANCY SEPARATIONS: _____.

6 HIGH RISE, MALL, ATRIA: _____.

7 HAZARDOUS OCCUPANCY: _____.

8 SPECIAL CONSTRUCTION OR OCCUPANCY: _____.
(Multi-towers over single garage, area separation walls, special occupants, ...)

9 FLOOR FRAMING DETAILS: _____.

10 SPRINKLER CODE TRADEOFFS: _____.

CHECKLIST NOTES:

- Items which are not applicable are noted "NA" in the "Yes" column.
- **Items marked in the "NO" column are EXCEPTIONAL. Provide an explanation.**
- All references are to the 2006 IBC, IFC, or the BFD Development Standards.

A. ACCESS ROAD

ADEQUATE

Yes No

		Yes	No
1	Access road to within 150 ft. of back of building?		
2	Hose lay routes can be negotiated by firefighter?		
3	Road is 20 ft. wide?		
4	Road is paved and will support 64,000 lbs.?		
5	Slope of road is less than 20%		
6	Slope of road exceeds 15% (requiring sprinklers)?		
7	Road over 150 ft. has a turnaround?		
8	Through road (2 routes) is required?		
9	Storm water detention vault is below access or turnaround? (Will support outriggers)		
10	Mitigations required or suggested?		

B. HYDRANTS & DISTRIBUTION

Yes No

		Yes	No
1	Hydrant positioning per IFC Table C105.1?		
2	Hydrant positioning for R3 per BFD Stds?		
3	Existing hydrants are across arterial (4-lanes)?		
4	Mitigations required or suggested?		

C. WATER SUPPLY & FIREFLOW

Yes No

		Yes	No
1	Water supply map page" _____, Hydrant # _____, Main Size _____		
2	Available water supply: Ps=_____ psi, Pr=_____ psi, Flow=_____ gpm		
3	R3 size versus apparent fire flow: _____ [IFC Table B105.1 (Bellevue Amended)]		
4	Site high point and adjusted Static pres. (Ps): delta _____ ft. = _____ psi		
5	Mitigations required or suggested?		

D. EGRESS SYTSEM

Yes No

		Yes	No
1	Approx. occupant load per floor: _____		
2	Number of stairways required: _____ & Satisfactory?		
3	Stairs separated over 1/3 of diagonal distance?		
4	Travel distances satisfactory (ignore fire walls)?		
5	Exit corridors are used? _____		
6	Horizontal exits are used? _____		
7	Fire walls that are to be regarded as horizontal exits?		
8	Exit routes are continuous to point of discharge?		
9	Exit discharge points are safe?		
10	Exit signage is satisfactory?		
11	Pathway lighting is satisfactory?		

- 12 Stairway door locks are interlocked with fire alarm system? (High-rise)

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- 13 Egress control devices are planned?

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E. ELEVATOR & SUPPRESSION SYSTEMS

- | | | | Yes | No |
|----|---|--|-----|----|
| 1 | Elevators are planned? | | | |
| 2 | Elevator lobbies are planned? | | | |
| 3 | Elevator shaft pressurization is planned? | | | |
| 4 | Escalators are planned? | | | |
| 5 | Complete sprinklering is required? (exceptions):
_____ | | | |
| 6 | Elevation of Building and resulting static pressure at roof:
_____ft. = _____psi | | | |
| 7 | Fire pump NOT required? | | | |
| 8 | Water storage reservoir NOT required? | | | |
| 9 | Water-filled pipe IS NOT exposed to freezing conditions (, etc)? | | | |
| 10 | Standpipes are required? | | | |
| 11 | Dry standpipes are planned or not defined? | | | |
| 12 | Roof level standpipe outlets are within 150 ft. of all points? | | | |
| 13 | One fire dept. conn. Serves both spklns. & standpipes (wet or dry)? | | | |
| 14 | FDC size is adequate? | | | |
| 15 | Multiple FDC's are NOT required due to building complexity? | | | |

F. ALARM & SMOKE CONTROL SYSTEMS

- | | | | Yes | No |
|----|---|--|-----|----|
| 1 | Automatic and manual fire alarm system is required? | | | |
| 2 | Automatic (sprinkler) notification system is required? | | | |
| 3 | Fire Alarm Control Panel is adequately located? | | | |
| 4 | FACP remote annunciator is required? | | | |
| 5 | _____ Smoke detection is required? | | | |
| 6 | _____ Door holders and smoke dampers are planned? | | | |
| 7 | Special egress controls are to be operated? | | | |
| 8 | Smoke control is to be initiated from FACP? | | | |
| 9 | Stairs and vestibules to be pressurized? | | | |
| 10 | Corridors to be pressurized? | | | |
| 11 | Exhaust features to be provided? | | | |
| 12 | Firefighter's Smoke Control Panel provided? | | | |
| 13 | Elevator shafts and lobbies to be pressurized? | | | |
| 14 | Emergency power supplies provided? | | | |
| 15 | Central station notification provided? | | | |

G. MISCELLANEOUS ISSUES

- | | | | Yes | No |
|---|--|--|-----|----|
| 1 | Air compressor on standby power or tank mounted? | | | |
| 2 | Wet chemical commercial cooking extinguishing systems installed? | | | |
| 3 | Commercial cooking grease laden exhaust ducts sprinklered? | | | |
| 4 | Special extinguishing systems proposed? | | | |