



Tri-County/City of Beaverton

Commercial Application Checklist/Fire Alarm and Suppression

Department of Consumer & Business Services

Building Codes Division • Tri-County Services

123 NE Third Ave., Ste. 440, Portland, OR 97232-2901

(503) 872-6731, Fax: (503) 872-6735, TTY: (503) 373-1358

www.oregonbcd.org

PROJECT INFORMATION			
Project name:			Date:
Project address:	City:	State:	ZIP:
Scope of work:			
Reference no.:		Map and tax-lot no.:	
Contact person name:		Company:	
Phone:		Fax:	
Cellular phone:		E-mail:	
PRE-SUBMITTAL PROCESS			
An applicant may request a pre-submittal meeting with representatives of the jurisdiction in which the project will be built. The meeting may take place during the conceptual, schematic, or in-progress phase, or when the applicant has completed plans.			
SECTION 1.0 – GENERAL PROJECT DATA			
1.1	Required	No. of sets of plans: _____	
1.2	Required	Cover sheet plan index	
1.3	Required	Code summary	
1.4	Required	Site plan	
1.5	P	NA	Professional stamp and signature
1.6	P	NA	Fire and life-safety plan
1.7	P	NA	Hazardous materials inventory
1.8	P	NA	Material safety data sheets (MSDS)
SECTION 2.0 – ARCHITECTURAL DATA			
2.1	Required	Floor plan(s)	
2.2	Required	OSSC Chapter 11 accessibility requirements	
2.3	P	NA	Material safety data sheets (MSDS)
SECTION 3.0 – STRUCTURAL DATA			
3.1	P	NA	Structural calculations
3.2	P	NA	Standpipe information
3.3	Required	Structural calculations for vertical and lateral loads for equipment weighing over 400 lbs.	
SECTION 4.0 – FIRE SUPPRESSION DATA			
4.1	Required	Plumbing floor plan(s) (combination system only)	
4.2	Required	Sprinkler piping layout and cross section plan(s)	
4.3	P	NA	Standpipe information
4.4	P	NA	Backflow prevention information
4.5	P	NA	Reflected ceiling plan(s)
4.6	P	NA	Transverse and longitudinal cross sections
4.7	P	NA	Fire-rated construction penetration details
4.8	P	NA	Specialty fire suppression system plans and system list

SECTION 4.0 – FIRE SUPPRESSION DATA, continued

4.9	Required		Structural calculations for vertical and lateral loads for equipment weighing over 400 lbs
4.10	P	NA	Hydraulic calculations
4.11	P	NA	Specialty fire suppression system information
4.12	P	NA	Required fire-flow calculations
4.13	P	NA	Fire-hydrant flow-test report
4.14	P	NA	Fire department or fire district building survey report

SECTION 5.0 – FIRE DETECTION AND ALARM DATA

5.1	Required		Floor and alarm layout plan(s)
5.2	P	NA	Wiring schematic
5.3	P	NA	Elevator recall information
5.4	P	NA	Operational matrix
5.5	P	NA	Fire-rated construction penetration details
5.6	P	NA	Standard electrical notes
5.7	Required		Equipment manufacturers' catalog "cut sheets" and specifications
5.8	Required		Structural calculations for vertical and lateral loads for equipment weighing over 400 lbs
5.9	P	NA	Battery calculations
5.10	P	NA	Emergency power system specifications
5.11	P	NA	Monitoring station information
5.12	P	NA	Voltage drop calculations

SECTION 6.0 – JURISDICTIONAL SPECIFIC REQUIREMENTS

6.1	P	NA	Required _____
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