

City of Eugene Code Summary & Worksheet



Planning & Development
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The following worksheets and code summary details information are needed to expedite the review of your project for compliance with the 2014 Oregon Structural Specialty Code & 2014 Oregon Mechanical Specialty Code

I. Code Summary Plan(s)

A. Site Plan:

Provide a site plan showing all buildings drawn to scale, sufficient to verify code compliance.

1. Clearly show the path from building exits and exit discharge to the public right of way. Identify marked crossings, ramps, curb ramps, side walks, etc.
2. Show over all dimensions of site, and buildings. Clearly dimension the fire separation distance between the buildings and property lines.
3. Show site accessibility.
 - a. Accessible route between buildings.
 - b. Accessible route to site facilities and entry.
 - c. Accessible route to public right-of-way.
 - d. Accessible parking, and drop off ; locations and details

B. Floor Plan(s):

Provide a floor plan of each level showing partitions, stairs, doors (including door swing), windows, plumbing fixtures, etc. at a minimum scale of $1/8'' = 1'-0''$.

1. Clearly label each room or area.
2. Graphically show locations and fire resistive ratings of any occupancy separations.
3. Graphically show locations and fire resistive ratings of any Fire Walls.
4. Graphically show locations and fire resistive ratings for any other rated wall assembly and indicate purpose such as corridors, horizontal exits, fire area separations, exit enclosures, exit passageways, shafts, etc.

C. Exiting Plan(s):

1. Clearly label each room with use; occupant load factor & occupant load.
2. Graphically show that exit separation meets code.
3. Graphically show that requirements for common path of travel and travel distance are being met.
4. Show exit sign locations.
5. Graphically show emergency exit lighting.



Code Summary & Worksheet continued

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II. Code Summary Worksheets

SECTION A – BUILDING CONSTRUCTION

Circle construction type(s)	IA	IB	IIA	IIB	IIIA	IIIB	IV	VA	VB
Building Height (Table 503)	Allowed:	_____ ft		_____ stories		Proposed:	_____ ft		_____ stories
Sprinklers used to increase stories	YES	NO							
Basement	YES	NO	If yes, list square footage of basement _____ sf						

SECTION B – BUILDING AREA: “ALLOWABLE” AND “ACTUAL”

(If there are multiple construction types or a Fire Wall divides the building, provide a separate analysis for each area.)

ALLOWABLE AREAS and AREA MODIFICATIONS	Occupancy ()	Occupancy ()	Occupancy ()	Occupancy ()
Tabular floor area for each occupancy (A _t) (Table 503)				
Frontage Increase (I _f) (506.2) $I_f = 100 ((F/P) - .25) \times W/30$ (%) F = Building perimeter fronting on public way (ft) P = Perimeter of entire building (ft) W = Width of public way (ft)				
Area Modification, allowable area per floor (506.1) $A_a = A_t + (A_t \times I_f / 100) + (A_t \times I_s / 100)$				
Auto sprinkler system increase (I _s) (%) (506.3)				
Total Allowable Building area: (A _a) X # of floors*				

*Not to exceed three (3) unless the building is equipped throughout with an automatic sprinkler system.

PROPOSED area of the building per floor	Occupancy ()*	Occupancy ()*	Occupancy ()*	Occupancy ()*
First Floor (including mezzanine)				
Second Floor (including mezzanine)				
Third Floor (including mezzanine)				
Other Floor(s) (including mezzanine)				
Total area per occupancy				
Total Proposed Building Area				

*If there is more than one occupancy group on a floor, provide a “Sum of the Ratios” calculation per sect. 508.4.2. $(A^{occ\#1}/A_a^{occ\#1}) + (A^{occ\#2}/A_a^{occ\#2}) + (A^{occ\#3}/A_a^{occ\#3}) + (A^{occ\#4}/A_a^{occ\#4}) \leq 1$



Code Summary & Worksheet continued

SECTION C – BUILDING OCCUPANCY CLASSIFICATION(S) AND SEPARATIONS

Use and Occupancy Classifications (circle each that apply)

A-1	A-2	A-3	A-4	A-5	B	E	F-1	F-2	H-1
H-2	H-3	H-4	H-5	I-1	I-2	I-3	I-4	M	R-1
R-2	R-3	R-4	S-1	S-2	U				

Occupancy separation ratings required (Table 508.3.3) (e.g. B to S-1= 3hr)		to		= ___ hr		to		= ___ hr
		to		= ___ hr		to		= ___ hr
		to		= ___ hr		to		= ___ hr

Does building qualify for Nonseparated uses? (508.4)	Yes / NO	
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Room No.	Room Name	Intended Use Or Function	Occ. Class	Floor Area	Primary, Accessory, or Incidental Use (one only)		
					Primary Use (Indicate with an X)	Accessory Use (Indicate the Room No. It is accessory to)	Incidental Use (indicate type of separation per Table 509)



Code Summary & Worksheet continued

SECTION D- OCCUPANT LOAD

Room No.	Room Name	Use or Function (Table 1004.1.2)	Floor Area (gross or net per definitions in Chapter 2)	Load Factor (per Table 1004.1.2)	Compute Occ. Load (Area divided by Load factor)	Accessory space load	Combined Load (Primary space +Accessory space)	Actual load (not to exceed 1 person per 7 SF 1004.2)	Design Occ. Load (Largest of combined or actual loads)
Total Design Occupant Load Per Floor									
First Floor (including mezzanine)									
Second Floor (including mezzanine)									
Third Floor (including mezzanine)									
Other floors (including mezzanine)									



Code Summary & Worksheet continued

SECTION E – PLUMBING FIXTURE COUNT PER CHAPTER 29

Occupancy /Area	Occ. Load	Drinking Fountains		Water Closets				Lavatories			
				Male		Female		Male		Female	
		Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
Total number of fixtures											



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SECTION F – MECHANICAL VENTILATION REQUIREMENTS

Room No.	Room Name	Ventilation Occupant Load	Floor Area	Outside Air required (cfm per person or sq.ft.)	Outside Air Required (cfm per Table 403.3)	Outside Air provided



Code Summary & Worksheet continued

SECTION G- BUILDING FIRE DETECTION AND SUPPRESSION

	Provided: YES / NO			Required /Optional (list OSSC section)	Type/Class/Areas of coverage:
Sprinkler system	13	13R	13D		
Fire alarm system					
Smoke detector system					
Standpipe system					

SECTION H – ENERGY CODE REQUIREMENTS

Method of Energy Code analysis		Building Envelope		Whole building
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Note: Oregon Energy Code Compliance Forms are required.