

## CITY OF GRESHAM BUILDING DEVELOPMENT DIVISION

1333 NW Eastman Parkway Gresham, OR 97030 503-618-2845 FAX: 503-492-4291

# **COMMERCIAL NEW CONSTRUCTION CHECKLIST**

	PROJECT INFORMATION											
Project	Name:											
Addres	55:		City:		State:	Zip:						
Scope	Scope of Work:											
Refere	nce No.:		Map and	d Tax Lot N	o.:							
Contac	t Person Name:		Compar	ıy:								
Phone			Fax:									
Cell Ph	one:		Email:									
- "P'	' means: information is required for plan review. ' means: the information is provided. A" means: the information does not apply.	INDE										
	Section	Page			Section		Page					
1.0	General Project	2	9.0	Mecha	nical Data (Types I a	nd II Hood)	6					
2.0	Planning	2/3	10.0	) Plumb	ing		6					
3.0	Private Civil	3	11.0	) Depar	tmental Information	I	6/7					
4.0	Pretreatment	12.0	0 Electrical			7						
5.0	Architectural	4	13.0	) Fire De	etection and Alarm		7/8					
6.0	Energy	4	14.0	) Fire Sp	orinkler		8					
7.0	Structural	4/5	15.0	) Fire Su	ppression		8					
8.0	Mechanical (New Construction)	5										

### SECTION 1 0

## GENERAL PROJECT

SECTION	1.0					GENERAL PROJECT	
Construc	tion [	Draw	rings				Notes/Location on Plans
1.1	Р			R		Plans/Drawings	
1.2	Р			R		Project Information/Title Block	
1.3	P			R		<ul> <li>Site Plan (to Include the Following and May Be on Multiple Sheets) <ul> <li>Accessible Parking</li> <li>Accessible Walkways</li> <li>Bike Parking Locations</li> <li>Building Footprint, Floor Area and Dimensions (Existing and Proposed)</li> <li>Existing and Proposed Fences and Gates</li> <li>Fire Access Road - (Engineer's Letter Stating Road will Support Load of 75,000 lbs.)</li> <li>Landscape Plan (Except Some Additions)</li> <li>Outdoor Common Areas</li> <li>Parking Spaces and Dimensions Including Drive Aisles</li> <li>Parking Stall Count and Data (Compact, ADA, Standard, Carpool and Bike Parking)</li> <li>Pedestrian Walkways</li> <li>Percentage of Parking Landscaped</li> <li>Setbacks</li> <li>Site Lighting Plan</li> <li>Trash Enclosure Locations</li> <li>Vicinity Map</li> </ul> </li> </ul>	
1.4	Р			R		Cover Sheet Plan Index	
1.5	Р			R		Code Summary	
1.6	Р		NA	R		Deferred Submittal Summary	
1.7	Р		NA	R		Professional Stamp (Architect Stamp - Electronic, Engineer Stamp - Digital)	
1.8	Ρ		NA	R		Fire and Life-Safety Plan (If More Than 1 Exit)	
P = Provid	led	NA	= Not Ap	ppl	icabl	e R = Required	

SECTION 2	2.0			PLANNING	
Documents	;				Notes/Location on Plans
2.1	Р 🗌	NA	R 🗌	Land Use Permit Conditions of Approval Narrative	
2.2	Р 🗌	NA	R 🗌	Land-Use Expiration Date	
2.4	Р 🗌	NA	R 🗌	Trash Enclosure Details	
2.5	Р 🗌	NA	R 🗌	Bicycle Parking Details	
2.6	Р 🗌	NA	R 🗌	Exterior Building Materials (Design Districts)	
2.7	Р 🗌	NA	R 🗌	Tree Protection Measures (On Grading Plan)	
2.8	Р 🗌	NA	R 🗌	Site Lighting (Photometrics)	

2.9	Ρ		NA	R		Pedestrian Walkway Details	
2.10	Ρ		NA	R		Outdoor Common Area Details (i.e. Play Structure, Benches, Plaza)	
P = Provideo	k	NA	= Not Ap	pli	cable	R = Required	

SECTION 3	.0					PRIVATE CIVIL			
Constructio	on l	Draw	ings				Notes/Location on Plans		
3.1	Ρ			R		Narrative (Including: Intent of Project, Proposed Changes to Water Fixtures, Existing/Proposed Impervious)			
3.2	Ρ			R		Site Utility Plan (Including all Water, Wastewater, and Electrical Underground Facilities)			
3.3	Ρ			R		Grading Plan			
3.4	Ρ			R		Erosion-Control Plan			
3.5	Ρ		NA	R		Fire Hydrant Locations (New and Existing)			
3.6	Ρ		NA	R		Utility-Vault Location and Details			
3.7	Ρ		NA	R		Fire Vault Location and Details			
3.8	Ρ		NA	R		PIV and FDC Locations			
3.9	Ρ		NA	R		Water Meter Location			
3.10	Ρ		NA	R		Refer to Underground Fire Supply Guide (Hyperlink)			
Supporting	j Do	ocum	nents	-					
3.13	Ρ			R		Geotechnical/Soil Engineer Report			
3.14	Ρ			R		Stormwater Calculations			
3.15	Ρ			R		Stormwater Facility Tracking Form			
3.16	Ρ			R		Water Sizing Fixture Units Worksheet			
3.17	Ρ			R		Impervious and Pervious Surface Site Drawing (Required for any New or Replaced Exterior Impervious Surfaces, See Example Provided by City)			
3.18	Ρ		NA	R		Site Retaining-Wall Structure Calculations			
3.19	Ρ		NA	R		Rockwood Water District Water Availability Form			
3.20	Ρ		NA	R		Engineering Calculations for Fire Supply			
3.21	Ρ		NA	R		Pervious Pavement Details			
P = Provideo	k	NA	= Not Ap	pli	cable	R = Required			

SECTION 4	.0				PRETREATMENT	PRETREATMENT		
Documents			Notes/Location on Plans					
4.1	Ρ		NA	R	Grease Interceptors/Traps			
4.2	Ρ		NA	R	Amalgam Separators			
4.3	Ρ		NA	R	Plumbing Details			

4.4	Ρ		NA	R		Sizing Calculations				
4.5	Ρ		NA	R		Pretreatment Specifications				
4.6	Ρ		NA	R		Industrial Wastewater Discharge Permit Application				
P = Provideo	P = Provided NA = Not Applicable R = Required									

SECTION 5	5.0			ARCHITECTURAL				
Constructio	on Draw	rings			Notes/Location on Plans			
5.1	Р 🗌		R	Floor Plan(s)				
5.2	Р 🗌		R	Cross Sectional Drawings and Details				
5.3	Р 🗌		R	OSSC Chapter 11 and ANSI 117.3 2003 Edition				
5.4	Р 🗌	NA	R	Interior Elevations				
5.5	Р 🗌	NA	R	Exterior Elevations				
5.6	Р 🗌	NA	R	Roof Plans				
5.7	Р 🗌	NA	R	Reflected Ceiling Plan(s)				
5.8	Р 🗌	NA	R	Fire-Rated Construction Details				
5.9	Р 🗌	NA	R	Door Schedule				
5.10	Р 🗌	NA	R	Glazing Schedule				
5.11	Р 🗌	NA	R	Photometrics (Interior)				
5.12	Р 🗌	NA	R	Emergency Lighting				
5.13	Р 🗌	NA	R	Exit Signs				
Supporting	g Docum	nents						
5.14	Р 🗌	NA	R	Hazardous Materials Inventory Statement (HMIS)				
5.15	Р 🗌	NA	R	Hazardous Materials Management Plan (HMMP)				
5.16	Р 🗌	NA	R	Written Fire and Life-Safety Evacuation Plan for Area of Rescue Assistance				
5.17	Р 🗌	NA	R	Material Safety Data Sheets (MSDS)				
5.18	Р 🗌	NA	R	Active and Passive Smoke-Control Information				

P = Provided

NA = Not Applicable R = Required

SECTION 6	<b>5.0</b>					ENERGY							
Documents	;						Notes/Location on Plans						
6.1	Ρ			R		Energy Code Compliance Details and Specifications							
6.2	Р		NA	R		COM Check Software Documents - Exterior Envelope - HVAC System Forms - Lighting Forms							
P = Provideo	b	NA	= Not Ap	pli	P = Provided NA = Not Applicable R = Required								

### **SECTION 7.0**

## STRUCTURAL

Constructio	on Drav	Notes/Location on Plans				
7.1	Р 🗌		R		Structural Cover Sheet	
7.2	Р 🗌		R		Foundation Plan	
7.3	Р 🗌		R		Floor/Roof Framing Plan(s)	
7.4	Р 🗌		R		Structural Details and Cross Sections	
7.5	Р 🗌	NA	R		Special Inspector/Structural Observation Matrix	
Supporting	g Docur	nents	-			
7.6	Р 🗌		R		Structural Calculations	
7.7	Р 🗌	NA	R		Existing Building Evaluations	
7.8	Р 🗌	NA	R		Site-Specific Seismic Hazard Report	
P = Provideo	d NA	N = Not Ap	pli	cable	R = Required	

SECTIO	N 8.0			MECHANICAL (New Construction)	
Constru	ction Draw	rings			Notes/Location on Plans
8.1	Р 🗌		R 🗌	Layout for HVAC and Ducts	
8.2	Р 🗌		R 🗌	Equipment Schedule	
8.3	Р 🗌		R 🗌	Outside Air (OSA) Table	
8.4	Р 🗌		R 🗌	Structural Support and Attachment Details	
8.5	Р 🗌	NA	R 🗌	Under-Slab Mechanical Plan	
8.6	Р 🗌	NA	R 🗌	Roof Plan	
8.7	Р 🗌	NA	R 🗌	Roof Access Details	
8.8	Р 🗌	NA	R 🗌	Fire/Smoke Damper Locations	
8.9	Р 🗌	NA	R 🗌	Mechanical Room Details	
8.10	Р 🗌	NA	R 🗌	Fuel Gas Piping Plan	
8.11	Р 🗌	NA	R 🗌	Refrigeration Equipment and Piping Plan	
8.12	Р 🗌	NA	R 🗌	Kitchen Equipment Plans Fume/Vapor Hood Plan	
Support	ting Docum	nents			
8.13	Р 🗌		R 🗌	Equipment Manufacturers' Catalog "Cut Sheets" or Specifications	
8.14	Р 🗌		R 🗌	Outside Air (OSA) Calculations	
8.15	Р 🗌	NA	R 🗌	Smoke-Control Calculations	
8.16	Р 🗌	NA	R 🗌	Combustion Air Calculations	
8.17	Р 🗌	NA	R 🗌	Fuel Gas Piping Sizing Calculations	
8.18	Р 🗌	NA	R 🗌	Make-Up Air Calculations	

P = Provided NA = Not Applicable

oplicable R = Required

SECTION 9	.0					MECHANICAL (Type I and Type II Hoods)	
Constructio	on [	Draw	ings				Notes/Location on Plans
9.1	Ρ			R		Kitchen Equipment Plan	
9.2	Ρ			R		Kitchen Equipment and Hood Elevations	
9.3	Ρ			R		Shaft and Wall Construction	
9.4	Ρ		NA	R		Roof Plan	
9.5	Ρ		NA	R		Cross Sections through Hoods, Ducts and Shafts	
Supporting	) Do	ocum	nents				
9.6	Ρ			R		Hood/Grease Extractor Listing Documentation	
9.7	Ρ			R		Equipment Manufacturers' Catalog "Cut Sheets" or Specifications	
9.8	Ρ			R		Hood, Grease Duct, Exhaust and Make-Up Air Calculations and Details	
P = Provideo	1k	NA	= Not Ap	pli	cable	R = Required	

PLUMBING

### **SECTION 10.0**

Constructio	on [	Draw	Notes/Location on Plans						
10.1	Ρ			R		Piping and Material Schedule			
10.2	Ρ			R		Fixture Schedule			
10.3	Ρ			R		Riser Diagram (Isometrics)			
10.4	Ρ		NA	R		Equipment Layout Plan			
10.5	Ρ		NA	R		Roof Plan			
10.6	Ρ		NA	R		Back Flow Prevention			
10.7	Ρ		NA	R		Under-Slab Plumbing Plan			
Supporting	Supporting Documents								
10.8	Ρ			R		Water Supply Calculations			
10.9	Ρ			R		Sanitary System Calculations			
10.10	Ρ		NA	R		Irrigation Demand Calculations			
10.11	Ρ		NA	R		Roof Drain and Stormwater Calculations			
10.12	Ρ		NA	R		Equipment Manufacturers' Catalog "Cut Sheets" or Specifications			
P = Provided NA = Not Applicable R = Required									

**SECTION 11.0 DEPARTMENTAL INFORMATION** *Notes/Location on Plans* Items NA Health Department 11.1 Ρ 🗌 R 🗌 Р 🗌 R 🗌 NA 11.2 Agriculture Department Ρ 🗌 R 11.3 NA 🗌 Water Approval

11.4	Ρ		NA	R		Handouts		
11.5	Ρ		NA	R		Raingardens		
11.6	Ρ		NA	R		Swales		
P = Provided NA = Not Applicable R = Required								

SECTION 12.0						ELECTRICAL			
Constructio	on [	Draw	rings				Notes/Location on Plans		
12.1	Ρ			R		Electrical Load Calculations			
12.2	Ρ			R		One Line Diagram			
12.3	Ρ			R		Feeder Riser Diagram/Information			
12.4	Ρ			R		Available Fault Current Information			
12.5	Ρ			R		Panel Schedule(s)			
12.6	Ρ		NA	R		Site Electrical Plan			
12.7	Ρ		NA	R		Lighting Plan			
12.8	Ρ		NA	R		Emergency Power System			
12.9	Ρ		NA	R		Under-Slab Electrical Plan			
Supporting Documents									
12.10	Ρ		NA	R		Emergency Power System Specifications			
12.11	Ρ		NA	R		Lighting Equipment Manufacturers' Catalog "Cut Sheets" or Specifications			
P = Provided NA = Not Applicable R = Required									

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SECTION 1	3.0				FIRE DETECTION AND ALARM			
Constructio	on Drav	Notes/Location on Plans						
13.1	Р 🗌		R		Floor Plan(s)			
13.2	Р 🗌		R		Engineered Plans			
13.3	Р 🗌		R		Location of Exterior Strobe			
13.4	Р 🗌		R		Reflected Ceiling Plan(s)			
13.5	Р 🗌		R		Wiring Schematic			
13.6	Р 🗌		R		Operational Matrix			
13.7	Р 🗌		R		Strobe Candella Shown Next to Each Strobe			
13.8	Р 🗌	NA	R		Elevator Recall Information			
13.9	Р 🗌	NA	R		Fire-Rated Construction Details			
Supporting Documents								
13.10	Р 🗌		R		Equipment Manufacturers' Catalog "Cut Sheets"			
13.11	Р 🗌		R		Installer Certification Information			
13.12	Р 🗌		R		Battery Calculations			

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13.13	Р 🗌		R		Battery Backup Specifications			
13.14	Р 🗌		R		Monitoring Station Information			
13.15	Р 🗌		R		Voltage Drop Calculations			
P = Provided NA = Not Applicable R = Required								

SECTION 1	4.0	)				FIRE SPRINKLER			
Constructio	on [	Draw	Notes/Location on Plans						
14.1	Ρ			R		Floor Plan(s)			
14.2	Ρ			R		Sprinkler Piping Plan(s)			
14.3	Ρ			R		Site Plan			
14.4	Ρ			R		Engineered Plans			
14.5	Ρ		NA	R		Standpipe Information			
14.6	Ρ		NA	R		Reflected Ceiling Plan(s)			
14.7	Ρ		NA	R		Interior Elevations			
14.8	Ρ		NA	R		Fire-Rated Construction Details			
14.9	Ρ		NA	R		Specialty Fire Suppression System Plans and List of Systems			
Supporting Documents									
14.10	Ρ			R		Equipment Manufacturers' Catalog "Cut Sheets"			
14.11	Ρ			R		Hydraulic Calculations			
P = Provided NA = Not Applicable R = Required									

SECTION 1	5.0				FIRE SUPPRESSION (For Kitchen Hood or Paint Booths)				
Constructio	on Draw	Notes/Location on Plans							
15.1	Р 🗌		R [		Floor Plan(s)				
15.2	Р 🗌		R [		Sprinkler Piping Plan(s)				
15.3	Р 🗌	NA	R [		Interior Elevations				
15.4	Р 🗌	NA	R [		Fire-Rated Construction Details				
Supporting Documents									
15.5 P 🗌 R 📋 Equipment Manufacturers' Catalog "Cut Sheets"									
P = Provided NA = Not Applicable R = Required									