

COMMUNITY DEVELOPMENT DEPARTMENT
6000 Main Street SW
Lakewood, WA 98499
253-512-2266
permits@cityoflakewood.us
www.cityoflakewood.us

New Construction Commercial Building Permit Checklist

Electronic submittals are strongly encouraged, please contact the City of Lakewood permitting department at permits@cityoflakewood.us to submit electronically.

Use this checklist to help gather all of the required information and documents in order to submit a complete building permit application for a project involving construction of a new commercial, multifamily building, or addition. Please note, incomplete applications will not be accepted.

*IMPORTANT: all required documents must also be submitted digitally via Dropbox, flash drive or CD

Land Use Approval is recommended prior to submitting the building permit application to avoid delay in project review. If the project has not received Land Use Approval, it may be placed on hold until Land Use review is completed. To contact the planning department to learn more please email permits@cityoflakewood.us.

Project Name:			
Did the project receive Land Use Approval?	No□	Yes □	
City Planner:			Permit #

GENERAL SUBMITTAL DOCUMENTS

Req.	Sub.	*All required documents must also be submitted digitally
		Completed Commercial Building Permit Application form
		Commercial Building Permit Checklist
		Check, cash, Visa/MasterCard for applicable fees
		One Certificate of Water Availability
		One Copy of sewer pre-treatment approval certificate (Must apply separately with Pierce County Sewer. Certificate is required prior to building permit issuance. Not required for submittal)
		Three Building packet (see following pages for packet requirements)
		Two Planning packet (see following pages for packet requirements)
		Two Public Works Engineering packet (see following pages for packet requirements)
		Two Fire packet (see following pages for packet requirements)

MINIMUM DRAWING REQUIREMENTS

- Plans shall be of sufficient clarity to indicate the location, nature, and extent of the work proposed, and shall
 demonstrate how the proposed work conforms to the provisions of adopted codes and ordinances. Each plan sheet
 should be titled and each drawing therein should be labeled.
- ◆ Architectural plans must be drawn to scale (1/4" or 1/8"), dimensioned, and labeled.
- Civil site plans must be drawn to scale (1" = 20' minimum), dimensioned, and labeled.
- ♦ Plan sheet size must be 24" x 36".
- Plans shall be drawn in indelible ink. Plan sheets that are cut and pasted, taped, or that have been altered by any means will not be accepted for plan review.
- Topographic and boundary survey must be stamped by a surveyor licensed in the state of Washington. Survey datum must be KCAS or NAVD 88.
- ♦ All structural plan sheets must be stamped by a licensed structural engineer with the state of Washington.
- All civil plan sheets must be stamped by a civil engineer licensed in the state of Washington.
- Projects over 4,000 square feet in area must be designed, stamped, and signed by an architect licensed to practice in Washington State.
- Drawings and construction documents prepared by a Washington State design professional, whether required to be or not, must be stamped and signed by the preparer.

BUILDING PACKET REQUIREMENTS

Req.	Sub.	*All required documents must also be submitted electronically
		A. Structural Calculations including one original "wet-stamped" copy
Ιп		B. Washington State Energy Code compliance forms
		☐ Envelope ☐ Mechanical ☐ Interior lighting ☐ Exterior lighting
		C. Soils Report prepared by a Geotechnical Engineer
		D. Cover Page
		 Project Name. Project Contact (Name, Address, Phone Number, Email). Project Scope of work Sheets index Building information: Specify model code information Construction type Number of stories and total height in feet Building square footage (per floor and total) Building square footage (per floor and total) Type of sprinkler system Occupancy load calculations Architect of record Structural engineer of record
		XI. Owner XI. List of deferred submittals.
		XI. List of deferred submittals. E. Site Plan (Scale 1"=20') or dimensioned and labeled)
		North arrow, bar scale, and vicinity map.
		 Basic data (type of structure, square footage, location). Location and dimensions of existing and proposed structures, property lines, sidewalks, easements, parking layout, street edges, mechanical equipment, trash enclosures, outdoor uses, storage areas, fencing, rockeries, and retaining walls. Show with dashed lines any existing structures to be demolished. Streams, ponds, wetlands, natural drainage courses, and other surface water features on or within 225 feet of the site. Site contours and drainage (existing in dashed and new in solid lines) and details. Existing and proposed utilities including: utility poles and boxes, transformers, generators, water, storm sewer, sanitary sewer, and fire hydrants. Total parking stalls count. Show required van accessible parking space with an adjacent access aisle
		per ICC/ANSI Standard A1117.1-2009. ANSI 502.4.

		F.	Foundation Plan
			1. Stamped engineering calculations and structural drawings are required for all foundations/footings.
			2. Provide plan view of foundation.
			3. Location and size of exterior and interior bearing foundations/footings.
			4. Location, size, embedment, and spacing of reinforcing steel anchor bolts, hold downs (if required), and
			post to footing connections.
		G.	Floor Plan
			1. Show all rooms. Specify the use and size of all rooms (classify use per <i>International Building Code</i> [IBC]
			302).
			2. Wall legend must delineate new, existing, demolished, and relocated construction.
			3. Show location, size, and door swing for all required exits.
			4. Provide egress plan showing exits, and separation of exits, common path of travel, travel distance,
			occupancy separation, stair enclosure ratings, and exit signs locations.
			5. Provide square footage and occupancy type of each room on every floor.
			6. Provide non-separation calculations and mixed use ratio calculations.
			7. Provide summary of all occupancies within the building and
			8. Specify size, grade, species, direction of run, span, and spacing of all framing members (may be
			provided on floor plan in lieu of separate framing plans).Provide reflected ceiling plan. Show required draft stopping for combustible construction. Show attic
			Provide reflected ceiling plan. Show required draft stopping for combustible construction. Show attic access.
			10. Means of egress illumination photometric.
			11. Indicate on the plans all rated walls, doors, windows, & penetrations.
			12. Provide doors & doors hardware schedule.
			13. Provide windows schedule.
		Н.	Framing Plan
			 Specify size, span, spacing, species, and grade of lumber, or manufacturer and series of steel framing
			for all framing members.
			2. Provide attachment details for top and bottom plates. Specify size and spacing of fasteners.
			3. Clearly show bearing and shear walls. Specify nailing schedule.
			4. Show materials and method of connection for all posts to beams connections.
			5. Special connection methods must be detailed to show how the structure is held together.
			6. Provide deflection detail stamped by architect or engineer for full height walls.
			7. Vertical walls cross section for fire resistive, load bearing, and non-load bearing walls.
			8. Include a stair section showing rise, riser height, tread depth, landings, headroom, handrails and guard
			dimensions.
		١.	9. Include size, spacing, and anchorage of stringers.
	Ш	I.	Building Elevations
			1. Front, rear, and side (labeled as north, south, east, and west) building elevations of proposed
			structures. Show full height elevation from finish floor to highest point of structure. 2. Specify finished materials to be utilized in construction. Specify size of all materials.
			 Show shear walls and/or diagonal bracing.
			4. Show complete exterior weatherization details.
			5. Exterior wall openings. Show all doors and windows. Specify sizes if not shown on floor plan.
			6. Garbage/recycling facility screen details.
			7. Roof-top and ground based mechanical equipment screen details.
			8. Building height calculation.
		J.	Building Cross Sections
			1. Show sections of structure that clarify in detail the typical conditions and describe otherwise hidden
			conditions.
			2. Provide typical wall section. Show components of wall, including finish materials.
			3. Provide detail showing lateral bracing per 1604.4 IBC.
			4. Ceiling construction (size & spacing of joists) and insulation; provide cross section of dropped ceiling
			and detail lateral bracing requirements of ASTM Standard C636/C636M.
			5. Roof structure (size and spacing of joists or pre-manufactured truss spacing) and insulation (if
			applicable).6. Provide full height details for all mezzanines and stairways. Details must specify framing members,
			spacing, and finishes.
		K.	Fire Resistive Elements
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	1. 2. 3.	Provide fire rated building elements complying with the fire-resistive prescriptive requirements of IBC Tables 721.1(1), 721.1(2), 721.1(3), or specify file number from the current Gypsum Association <i>Fire Resistance Design Manual</i> or the <i>USG Fire-Resistant Assemblies Manual</i> or other approved fire-resistive design manual. This applies for all rated walls and ceilings, including corridors, occupancy separations, area separation walls, etc. All fire rated assemblies shall be provided in their entirety. Provide details that show how penetrations through fire resistive elements are protected using UL listed assemblies. Show cross sections for required fire rated parapet walls.
	L. Bar	rier Free Access
	1.	Provide floor plans and elevations of sufficient detail to show that the building and site facilities are accessible to persons with disabilities, as provided in ICC/ANSI Standard A117.1-2009 requirements for barrier-free accessibility.
	2.	Plans must show an accessible route of travel. An accessible route of travel is a continuous unobstructed path connecting all accessible elements and spaces (restrooms, drinking fountains, elevators, etc.) in an accessible building or facility that can be negotiated by a person using a wheelchair and is usable by persons with other disabilities.
	3. 4.	Show the primary entry door and all accessible entrances into the building. Provide floor plans and elevations with dimensions for restrooms, kitchens, counters, and similar fixed facilities showing compliance with barrier-free access requirements.
	5.	Provide hardware schedule specifying door locksets and latch sets having lever, push operated, or other devices.
	6.	In an existing building, to the maximum extent feasible, the path of travel to altered areas shall be made accessible. The path of travel means a continuous, unobstructed way of pedestrian passage by means of which an altered area may be approached, entered, and exited; and which connects the altered area with an exterior approach (including sidewalks, streets, and parking areas), an entry to the facility, and other parts of the facility. (This includes restrooms, telephone, and water fountains serving the altered area.)
	M.	Roof Plan
	1. 2. 3.	Show location of new or replaced HVAC, exterior equipment, duct work, vents screening. List of equipment and schedule (include weight of equipment). Structural design calculations, curbs, and attachment details for gravity and lateral loads (when applicable).

	N.	Energy/Ventilation – Select energy code compliance option and provide completed forms for option
Ш		chosen.
	0	 Component Performance Compliance Approach – Provide a separate sketch of elements for each wall, ceiling, and floor type. A wall schedule keyed to the individual sketches is necessary for projects with more than one wall, ceiling, or floor type. Provide appropriate sections with dimensions sufficiently detailed to indicate where each type of element occurs. Provide completed Lighting Power Summary and Lighting Budget Worksheet specifically identifying light fixture (wattage for light fixtures must include ballast wattage). Show compliance with the ventilation requirements of the International Mechanical Code (IMC) Table 403.3, as amended by the state.
	U.	Plumbing Plans
		 Plumbing equipment layout over the floor plan. Show plumbing isometric drawings (riser diagrams showing all plumbing dimensions for supply lines and drains).
	P.	Mechanical Plans
		 Roof plan (if equipment is located on the roof) showing all mechanical equipment, vents, roof access, and equipment screening. Elevation views of building (if equipment is located on the roof) from all adjacent streets and property lines. Show parapet or screening methods for both ground-related & rooftop units. (Rooftop screening must be architecturally compatible with building if the equipment extends above the roofline.) Legend and general notes. Mechanical envelope summary form and/or mechanical summary forms. List of equipment and schedule including equipment brand names, model numbers, input and output gas capacities, tons of cooling, efficiency ratings, cfm capacity, electric motor efficiencies, location, and weight. Structural drawings required. (Weight load evaluated and seismic attached. For replacement equipment, state the weight of the old and new equipment on the plans, and show the old and new location of the replacement equipment. If the new equipment weight is equal or less than the existing, and in the same location, structural calculations will not be required.) Mechanical floor plan layout. Duct and equipment layout over the floor plan. The size of ducts and outlets. The name and anticipated usage of each room. The cubic feet of air per minute (cfm) at each diffuser, return air register, exhaust, and transfer grills. Location and details of fire dampers.
	Q.	Racks
	R.	 Steel storage racks shall be designed per IBC 2209 and 1705.12.7, and shall be designed by a Washington State licensed professional engineer per IBC Chapter 16. Load application and rack configuration drawings shall be furnished with each rack installation. Plans shall detail rack locations; height and length of each rack; width of aisles; ceiling/roof height; location of exits; and shall detail products, including packaging, shelving, and sprinkler design information. Specify size, spacing, and manufacturer of anchors. High pile storage racks shall comply with <i>International Fire Code</i> (IFC). Other items deemed pertinent by the Building Division.

I acknowledge that the above required documents/plans contain all the listed information.

Initials/Date:

PLANNING PACKET REQUIREMENTS All new commercial construction projects are required to go through Design Review. Separate Design Review Packet submitted? No□ Yes □ Submittal Date: Approval Date: Notes Sub. *All required documents must also be submitted electronically Req. **Site Plan** (See Building Packet for requirements) **Building Elevation** (See Building Packet for requirements) \Box C. Landscape Plans A detailed landscape plan shall be drawn to scale by a Washington state registered landscape architect, a Washington state certified nurseryman, or a Washington state certified landscaper. The landscape plan must include the following information to be considered complete: 1. Site address. 2. Property lines. 3. Lot dimensions and total square footage. 4. North arrow and decimal engineering scale (only use one of the following scales: 1"=10', 1"=20', or 1"=30'). The site plan, tree retention plan and landscape plan generally should use the same scale. 5. Proposed and existing building locations. 6. All areas designated as undeveloped or for future development. 7. All existing and proposed public and private roads, driveway accesses and road right-of-ways with dimensions and road names, including curbs and gutters, sidewalks and/or edges of pavement. Include all existing driveways within 200 feet of the subject property on both sides of all streets, in both directions along public street frontages. All easements (access, utility, railroad, stormwater, etc.). Indicate type and dimensions of easement. 9. Location of existing and proposed fire hydrants on site. 10. All major manmade or natural features (slope, shorelines, riparian areas, railroad tracks, bridges, etc.). 11. Water features or wetlands, including but not limited to lakes, ponds, saltwater, year-round or seasonal streams, creeks, wetlands, gully or natural drainage way, drainage ditches, etc. 12. Adjacent uses (undeveloped, single family, commercial, etc.) and the location of any structures within 5 feet of the property line on all abutting property. 13. Location of all proposed landscape areas, including landscape islands in parking areas. Provide dimensions and square footage calculations for each landscape area inside of curbing. 14. Location and dimensions of all paved areas and curb cuts, including pedestrian sidewalks, walkways and paths. Provide the height of all curbs and total square footage of paved areas. (include dimensions and calculations of total square footage of paved and gravel areas). 15. Type of paving material(s) to be utilized, including pedestrian sidewalks, walkways and paths. 16. Location of any graveled areas (include dimensions and total square footage). 17. Location of all parking stalls. Provide dimensions of stalls, accesses and drive aisles including calculations of total square footage of parking and maneuvering areas. 18. Outside storage areas (include calculations of total square footage of area). 19. Proposed location of trash dumpster(s) and illustrate fencing and landscape details. 20. Existing and proposed fences and retaining walls (type of materials and height). 21. Location of overhead loading doors and indicate loading deck height (dock-high or ground level).

I acknowledge that the above required documents/plans contain all the listed information.

22. Location of all exterior entrance/exit doors.

Other items pertinent to Planning

Initials/Date:

PUBLIC WORKS ENGINEERING PACKET REQUIREMENTS

Separate Site Development (PWE) Permit Submitted?	No□	Yes Submittal Date:
Notes		

Req.	Sub.	*Al	l required documents must also be submitted electronically
		A.	Site Plan (See Building Packet for requirements)
		B.	Topographic and boundary survey of existing conditions
			 Project name, plan date, and/or revision date(s). Name, phone number, and license stamp of surveyor. North arrow and bar scale. Existing grades, minimum two-foot contours for slopes less than 15 percent and five-foot contours for slopes 15 percent or greater. Call out Critical Areas (Steep Slopes). Existing property lines, easements, lot corners, and monuments. Existing utilities including: utility poles and boxes, water, storm sewer, sanitary sewer, underground cable and fiber optics, gas, and fire hydrants. Existing wetlands, wetland buffers. Existing trees.
			9. Existing structures, fences, walls, etc.
		C.	Grading/Demolition Plan
			 All items listed in B (above). Proposed contours. Proposed demolition. Proposed improvements. Retained trees.
		D.	Erosion Control Plan
			 Overlaid on Grading/Demolition Plan. Proposed sediment retention. Proposed flow control facility Perimeter control.
	П	E.	Storm Drainage Plan and Profiles
			 Existing and proposed conveyance system with pipe type, sizes, etc. (may be combined with frontage improvement plan). Proposed detention/retention system in plan and profile views. Proposed water quality system in plan and profile views. Proposed Low Impact Development measures.
		F.	Frontage Improvement Plan and Profiles
			 Plan view of existing and proposed road, curb, gutter, sidewalk, ADA ramps, driveways, and utilities. Profile view of road centerline grades, gutter flowline grades, vertical and horizontal curves, with stationing. Section view showing pavement section, curb, gutter, and sidewalk. Striping Plan. Signage.
		G.	Street Lighting Plan with Photometrics
			 Plan view with streetlights, J-boxes, conduit, control cabinets. Include stationing. Photometric plan.
		Н.	Landscape Plan
			 All landscape plan items listed in the Planning Packet (above). Street tree locations. Low Impact Development soils and planting plan.
		I.	Details
			 Low Impact Development measures. Control Structure.

		3. Water Quality.
		 All applicable standard City details for streets, street tree planting, street lighting, striping, signage, erosion control, storm structures, etc.
		5. ADA ramps with elevations to fit site.
		J. Drainage Design Report
		K. Geotechnical Report with Soils Infiltration tests
		L. Other Plans/Reports (check required items)
		☐Traffic Signal.
		☐ Rapid Flashing Beacon/Crosswalk.
		☐ Offsite improvements.
		☐ Sight Distance Analysis.
		□WSDOT Approval.
		Other
		M. Other items deemed pertinent by Public Works
Lack	nowled	ge that the above required documents/plans contain all the listed information.
		<u>Initials/Date</u> :
DEPA	RTMEN	IT PACKET REQUIREMENTS
Req.	Sub.	*All required documents must also be submitted electronically
		A. Site Plan (See Building Packet for requirements)
$\overline{\Box}$		B. Floor Plan (See Building Packet for requirements)
		C. Certificate of Water Availability
		•
		D. Water System Hydraulic Model (fire flow) report
		E. Other items deemed pertinent by West Pierce Fire and Rescue
I ack	nowledg	ge that the above required documents/plans contain all the listed information.
		<u>Initials/Date</u> :
		STAFF USE ONLY
		STAFF USE ONLY
		STAFF USE ONLY File #
		File #
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