calculation); identify locations of non-tradable continuous dimming; 3) No more than eight surfaces on plans; provide WSEC exterior Provide calculation of lighting power density E200 fixtures are controlled by a single daylight lighting compliance reports of total egress lighting ADDITIONAL EFFICIENCY CREDITS - REDUCED INTERIOR LIGHTING POWER DENSITY LIGHTING ALTERATIONS C406.3.1 Reduced interior To comply with additional efficiency credit. E200 lighting is configured to be individually than 0.02 W/sq. ft., indicate on plans egress C503.6.1 Interior and parking Where ≥ 50% of existing luminaires in an C406.3.2 lighting power demonstrate that total connected interior fixtures requiring automatic shut-off during garage lighting interior space or parking garage are replaced; lighting wattage is 10% or 20% less than the Include calculations that demonstrate the total the area the reduced lighting power credit is space-by-space method); include all new and Indicate method of automatic shut-off control E200 existing-to-remain luminaires in WSEC being applied to; indicate whether lighting C405.4.1 Lighting control of Indicate that exempt interior lighting E200 power allowance is based on the building area no less than 90% of the total interior lighting method or space-by-space method; provide proposed lighting wattage does not exceed C405.4.2 exempt interior equipment and lighting located within spaces that are eligible for a lighting power C406.3 Reduced interior For project with dwelling units, to comply Where < 50% of existing luminaires in an INTERIOR LIGHTING POWER & EFFICACY lighting power with additional efficiency credit indicate in interior space or parking garage are replaced; C405.4.1 Total connected Include all luminaires in interior lighting E200 C405.2.6 Exterior lighting For decorative exterior lighting, indicate on density - dwelling lighting fixture schedule that lamps within indicate total existing lighting wattage in each C405.4.2 interior lighting fixture schedule; indicate fixture types, lamps, unit lamp efficacy installed interior luminaires have an efficacy space prior to alteration; include all new and plans automatic daylight shut-off controls, or ballasts, and manufacturer's watts per fixture rating of at least 65 lumens per watt; include exception taken for the installed lamp interior lighting compliance reports; indicate For exterior lighting that is not decorative, demonstrate at least 95% of lamps have this proposed total lighting wattage in alteration Identify spaces eligible for lighting power E200 indicate on plans automatic daylight or time efficacy rating area does not exceed total existing lighting exemption on plans and in WSEC interior switch shut-off controls and setback controls; wattage prior to alteration EXTERIOR LIGHTING POWER & EFFICACY or indicate exception taken lighting compliance reports; indicate the Where ≥ 50% of existing exterior lighting Include all luminaires in exterior lighting E200, E205, E206 For lighting requiring setback controls. wattage is replaced; include all new and Identify lighting equipment eligible for E200 fixture schedule; indicate fixture types, lamps, exterior lighting include control sequence that reduces lighting existing-to-remain luminaires in WSEC lighting power exemption in fixture schedule ballasts, and manufacturer's watts per fixture exterior lighting compliance reports; indicate from 1 hour after closing to 1 hour before and in WSEC interior lighting compliance for the installed lamp proposed total exterior lighting wattage does opening, or based upon motion sensor not exceed maximum allowed YES Identify exterior applications eligible for E200, E205, E206 C405.1 Lighting in dwelling For all installed luminaires, include lamp type lighting power exemption on plans and in For building facade and landscape lighting Where < 50% of existing exterior lighting C405.1.1 units (multifamily) and number of lamps in lighting fixture WSEC exterior lighting compliance reports; indicate control sequence for shut-off control wattage is replaced; indicate total existing is based on dawn-to-dusk and business schedule; for lamps that are not LED, T-8 or lighting wattage prior to alteration; include all small diameter fluorescent, indicate efficacy opening/closing schedule; indicate whether new and existing-to-remain luminaires in C405.5.3(1) Exterior lighting zone Indicate building exterior lighting zone as E200, E205, E206 automatic or time switch controls will be of other lamp types is 65 lumens per watt or WSEC interior exterior compliance reports; specified by the AHJ provided for this function indicate proposed total exterior lighting Exterior building For building grounds fixtures rated at greater E200, E205, E206 C405.5.2 Lighting control of Indicate that exempt exterior lighting and than 50 watts, indicate rated lamp efficacy (in prior to alteration grounds lighting lighting fixture schedule whether complying exempt exterior lighting located within exterior areas/surfaces lumens per watt) in fixture schedule via lighting power density or by qualifying that eligible for a lighting power exemption C503.6.2 Interior lighting Where new wiring is installed to serve new are controlled independently from nonlamp type; if by lamp type, include number of EXTERIOR LIGHTING POWER CALCULATION wiring and circuiting interior luminaires and /or luminaires are exempt exterior lighting relocated to a new circuit; indicate manual C405.5.3 Tradable allowances Demonstrate that total proposed tradable E200, E205, E206 For all installed luminaires, indicate in C405.5.4 Exterior gas-fired Indicate ignition system is a method other surface wattage does not exceed maximum (as applicable) - manual (C405.2.3); lighting appliances then continuously burning pilot light allowed tradable surface wattage (including occupancy sensor (C405.2.1); light reduction via lighting power density or by qualifying (C405.2.3); daylight responsive (C405.2.4); Indicate location(s) of master control Area controls lamp type; if by lamp type, include number of tradable surfaces on plans; provide WSEC specific application (C405.2.5) exterior lighting compliance reports switches and circuit independent switches; circuit breaker may not INTERIOR LIGHTING POWER CALCULATION - INDICATE COMPLIANCE PATH TAKEN power limit be used as a master control switch exterior luminaires and /or luminaires are Verify that no 20 amp circuit controlled by a E200 building area does not exceed maximum lighting controls are provided (C405.2.6) single switch or automatic control is loaded allowed wattage per building area; identify locations of building areas on plans; provide ADDITIONAL EFFICIENCY CREDIT - ENHANCED INTERIOR LIGHTING CONTROLS

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18819 38TH AVE. E.
TACOMA, WA 98446
PH: (253) 875-8650 FAX: (253) 875-8649
COMMITTED TO BUILDING A BETTER WORLD

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OWNER: PUYALLUP FAIR

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building Planning
Engineering Public Works
Fire Traffic

PROJECT ADDRESS:

133-299 9th Ave SE PUYALLUP, WA 98372

No.	Description	Date	DB	СВ
1	CITY PERMIT	11/10/23	KA	SD

GOLD GATE
WSEC LIGHTING
SUMMARY

Project number	TBD
Date	11/10/23
Drawn by	KA
Checked by	SD

Scale

E205

Lighting, Motor and Electrical Requirements List, pg 8 of 10 2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2023 NEEA, All rights reserved The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions. For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com			Lighting, Motor and Electrical Requirements List, pg 9 of 10 2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2023 NEEA, All rights reserved The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions. For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com				Lighting, Motor and Electrical Requirements List, pg 10 of 10 2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2023 NEEA, All rights reserved. The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions. For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com							
	C503.6.3	Lighting panel alterations	Where a new interior and/or exterior lighting panel is installed or an existing panel is moved (all new raceway and conductor wiring), indicate all applicable lighting controls requirements apply		NA	C405.6	Electrical transformers Feeders and branch	Include electrical transformer schedule on electrical plans; indicate transformer type, size, efficiency, or exception taken Provide documentation that demonstrates			C408.1.2 C408.1.2.1 C408.1.4 C103.6.3	Commissioning requirements in construction documents	Include general summary of Cx plan per C408.1.2 including: 1) Narrative description of activities; 2) Responsibilities of the Cx team; 3) Schedule of activities including verification of project close out	
	C503.6.4	Newly-created rooms	Where interior space(s) is reconfigured (permanently installed walls or ceiling-height partitions) to create new enclosed spaces, indicate all applicable lighting controls			C405.7	Dwelling unit electrical energy	maximum voltage drop across feeders and branch circuits does not exceed 5% Indicate on electrical plans that each dwelling unit in Group R-2 has a separate electrical			C408.1.4 C103.6.3		Commissioning requirements in	documentation per C103.6; 4) Conflict of interest plan (if required) Include in general summary that a Cx project report and Compliance Checklist (Figure
	C504.2	Lighting repairs	requirements apply Identify existing luminaires being upgraded			C405.8	consumption Electric motor efficiency	energy meter Include all motors, including fractional hp motors, in electric motor schedule on					C408.1.4.1) shall be completed by the Certified Cx Professional and provided to the owner prior to the final electrical inspection	
			with bulb and / or ballast replacement; indicate fixture alteration does not increase existing fixture wattage				efficiency	electrical plans; indicate motor type, horsepower, rpm, rated efficiency, or exception applied		NA	C408.4.1	Functional performance testing criteria	Identify in plans and specifications the intended operation of all equipment and controls during all modes of operation,	
	C505.1	space use	Identify spaces on plans where the building area type or space use type is being changed from one type to another per Tables			C405.9.1	Elevator cabs	For luminaires in each elevator cab, provide calculations that demonstrate average efficacy is not less than 35 lumens per watt					including interfacing between new and existing-to-remain systems	
			C405.4.2(1) or (2) Indicate compliance method (building area or space-by-space); include all new and existing-to-remain luminaires in WSEC interior lighting compliance reports; indicate proposed lighting wattage does not exceed maximum					For elevators that do not have an integral air conditioning system, indicate rated watts per cfm for elevator cab ventilation fans do not exceed 0.33 watts per cfm		NA NA	C103.6.3	Project close out documentation requirements	Indicate in plans that project close out documentation is required including WSEC lighting compliance reports that document all interior and exterior lighting area and / or surface types, lighting power allowances and	
RECEPTACL	ES		allowed per compliance path					Indicate automatic controls that de-energize lighting and ventilation fans when elevator is stopped and unoccupied for a period of 15		If "no" is selected	ed for any questic	on, provide explanation.	installed densities	
	C405.10	Controlled receptacles	Identify all controlled and uncontrolled receptacles on electrical plans in each space in which they are required; include receptacle configuration such as spacing between controlled and uncontrolled, duplex devices,			C405.9.2	Escalators and moving walks	minutes or more Indicate escalators comply with ASME A17.1/CSA B44; automatic controls are configured to reduce operational speed to the minimum permitted when not in use						
			Provide schedule that lists the number of controlled and uncontrolled receptacles in			C405.9.3	Regenerative drive	Indicate all one-way down or reversible escalators are provided with a variable frequency regenerative drive						
			each space where controlled receptacles are required - classrooms, private offices, open office areas, conference rooms, copy rooms, break rooms and modular partitions/workstations		DOCUMENTA	TION AND SY	YSTEM REQUIREME	NTS TO SUPPORT COMMISSIONING (CX)						
						C408.4	power and lighting systems	Indicate that all electrical systems (receptacles, transformers, motors, vertical and horizontal transportation) for which the						
		control for each controlled rec (occupant sensor or programm day control); indicate that each	Indicate on plans the method of automatic control for each controlled receptacle zone (occupant sensor or programmable time-of-day control); indicate that each zone served by				commissioning	WSEC requires control functions and / or configuration to perform specific functions are required to be commissioned Where total building lighting load is > 20 kW,						
							or where total lighting load of luminaires requiring daylight sensing and / or occupancy control > 10 kW, indicate that all automatic lighting control systems are required to be commissioned; or provide building lighting							
	C503.6.6	Electrical receptacle alerations				power calculation demonstrating eligibility for exception								
		larger, indicate receptacles are provided with automatic controls per C405.10, or exception taken	automatic controls per C405.10, or exception			C408.1.1 C408.1.2		Indicate Cx requirements in plans and specifications for all applicable electrical and lighting control systems per C408						
IOTORS, TR	ANSFORMERS	, ELECTRIC METERS	S, INTERIOR TRANSPORTATION			C408.1.4.2 C103.6.3	documents							

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1	CITY PERMIT	11/10/23	KA	SD
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GOLD GATE
WSEC LIGHTING

CHECK LIST
Project number

Date 11/10/23

Drawn by KA

Checked by SD

E206

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