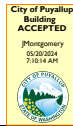


ENVELOPE COMPLIANCE SUMMARY

PRCNC20240424

2018 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1

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Project & Applicant Information	Project Title	Wesley Bradley Park Phase 2 Care Center - 2018 WSEC	For Building Department Use:  FULL SIZED LEDGIBLE COLOR REPORT IS REQUIRED TO BE PROVIDED BY THE PERMITTEE ON SITE FOR ALL INSPECTIONS	Date: Mar 13, 2024
	Project Address	707 39th Ave. SE Puyallup, WA 98374		
	Applicant Name	Jill Krance		
	Applicant Phone	952-252-4822		
	Applicant Email	jill.krance@INSITEARCHITECT.COM		
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com				

General Occupancy	All Commercial	General Building Use Type(s)	Healthcare, Residential Care Facility	Building Cond. Floor Area	56,712
Project Scope	New Building	Space Conditioning Categories	Fully Conditioned	Project Cond. Floor Area	56,712
				Floors Above Grade	2
				Compliance Method	Compliance Method 1 - General
Envelope Project Description	This building is a licensed 36 bed Skilled Nursing Home (Group I-2 occupancy) over the Physical therapy area, an expanded Wellness area that includes a swimming pool and spa, and a staff parking area.				

Envelope Compliance Scope and Method	Scope	Space Conditioning Category	Compliance Method	WWR/SRR per Category	UA Calculation Adjustment	Fenestration Alternates	Compliance Verification
	New Building	Fully Conditioned	Prescriptive	16.99% / 0%	None selected	No alternates selected	COMPLIES

Air Barrier Testing	Air barrier testing included in project scope	Air Barrier Comments
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Project Title	Wesley Bradley Park Phase 2 Care Center - 2018 WSEC	Date	Mar 13, 2024		
Scope & Space Conditioning	NEW BUILDING - FULLY CONDITIONED		Compliance Verification	COMPLIES	
Window-to-wall Ratio	16.99%	Skylight-to-roof-ratio	0%	Vertical Fenestration Alternate	No alternates selected

Opaque Envelope Assemblies									
Roof/Ceiling	Location in Documents	Assembly ID	Assembly Location	Insulation R-Values			U-Factor	Net Area (SF)	
				Cavity	Continuous (% penetration)	2nd Layer (MB Roof)			
Insulation entirely above deck	AC0.0 & A5 Series - Assembly Types	1E-c & 1G	Exterior		R-38 (< 0.04%)			4,735	
	U-Factor Source: Is this assembly exterior or interior?: Exterior			U-Factor Source Description:					
Attic and other	AC0.0 & A5 Series - Assembly Types	1F	Exterior	R-49	R-10 (< 0.04%)			29,533	
	U-Factor Source: Roof Framing Type (Standard, Advanced): Standard			U-Factor Source Description: Roof Framing Material: Steel-framed					
	Ceiling/Attic Venting: Unvented			Is this assembly exterior or interior?: Exterior					
Walls	Location in Documents	Assembly ID	Assembly Location	Cavity	Continuous (% penetration)	Insulated Wall Furring	U-Factor	Net Area (SF)	
Steel-framed - Commercial	AC0.0 & A5 Series - Assembly Types	EC6 WALL TYPES	Exterior	R-21	R-10 (< 0.04%)			11,843	
	U-Factor Source: Framing Depth: Other Framing Depth			U-Factor Source Description: Framing Spacing: 16" O.C.					
	Is this assembly exterior or interior?: Exterior								
Mass (concrete masonry) - Commercial	AC0.0 & A5 Series - Assembly Types; A1.0N & A1.0S floor plans. Parking area is unheated - CMU walls	CF & M WALLS	Yes	R-10	R-10 (< 0.04%)	Yes		7,090	
	Is CMU wall eligible for wall insulation exception?: No			Percentage of CMU cores filled with insulation: (Select One)					

	Space type enclosed by CMU walls: (Select One)	PRCNC20240424		Does assembly include wall furring?: Yes				
	Wall Furring Material: Steel-frame			Framing Depth: 2x6				
	Framing Spacing: 24" O.C.			U-Factor Source:				
	U-Factor Source Description:							
Floors and Edges	Location in Documents	Assembly ID	Assembly Location	Cavity	Continuous (% penetration)		U-Factor	Net Area (SF)
Mass	AC0.0 & A5 Series - Assembly Types	3	Interior partition		R-30 (< 0.04%)			12,620
	U-Factor Source:							
	Is this assembly exterior or interior?: Interior partition							
Mass transfer deck slab edge	AC0.0 & A5 Series - Assembly Types	3	Exterior		R-10 ()		U-0.1	27,970
	U-Factor Source: Other U-Factor Source							
	U-Factor Source Description: INVERSE OF PLANNED R10 INSULATION							
	Is this assembly exterior or interior?: Exterior							
Slab-on-grade Floors	Location in Documents	Assembly ID	Assembly Location	Slab Edge	Under Slab		F-Factor	Perimeter Length (SF)
Unheated slab	AC0.0 & A5 Series - Assembly Types	4	At grade level	R-10				695
	Slab Insulation Method: 2 ft vertical (from top of slab downward)							
	F-Factor Source:							
	F-Factor Source Description:							
Fenestration & Opaque Door Assemblies								
				Insulation R-Values				
Opaque Doors	Location in Documents	Assembly ID	Assembly Location	Door Insulation			U-Factor	Rough Opening (SF)
Swinging	Doors 0116 & 0112B; Door schedule on Sheet A1.0N; Level 1 Sheet A1.1S Door #1062E	By Door number	Exterior				U-0.37	91
	What percentage of this opaque door is glazing?: 50% or less							
	U-Factor Source:							
	U-Factor Source Description:							
	Is this assembly exterior or interior?: Exterior							
	Is this a public entrance door?:							
Vertical Fenestration	Location in Documents	Assembly ID	Assembly Location	Shading (PF)	Fenestration SHGC	Fenestration U-Factor	Rough Opening (SF)	
Fixed - Class AW or site built	Floor plans; A11.1 Window Types	B2-T2, F4, F5, C2, F3, F6, G1, G2, G3, G4, G7	Exterior		PF < 0.2	SHGC-0.20	U-0.26	916
	U-Factor & SHGC Source: Other Source							
	U-Factor Source Description: Manufacturer							
	Is this assembly exterior or interior?: Exterior							
Fixed - Class AW or site built	2/A3.2 & 5/A3.1; A11.1 Window types	G, G1, G2, G4, G5, G6, G7	Exterior		0.2 ≤ PF < 0.5	SHGC-0.21	U-0.26	742
	U-Factor & SHGC Source:							
	U-Factor Source Description:							
	Is this assembly exterior or interior?: Exterior							
Operable - Class AW or site built	Sheet A11.1 Window types, Plans A1.0N, A1.1N, A1.1S	AH, B2, B3, BH, C1, D2	Exterior		PF < 0.2	SHGC-0.18	U-0.29	1,564
	U-Factor & SHGC Source:							
	U-Factor Source Description:							
	Is this assembly exterior or interior?: Exterior							
Operable - Class AW or site built	2/A3.2 & 5/A3.1; A11.1 Window types	BH	Exterior		PF < 0.2	SHGC-0.18	U-0.29	440
	U-Factor & SHGC Source:							
	U-Factor Source Description:							
	Is this assembly exterior or interior?: Exterior							
Glazed Doors	Location in Documents	Assembly ID	Assembly Location	Shading (PF)	Fenestration SHGC	Fenestration U-Factor	Rough Opening (SF)	
Swinging entrance door	A1.1S	Door 1050E	Exterior		PF ≥ 0.5	SHGC-0.38	U-0.60	42
	U-Factor & SHGC Source: WSEC Appendix A							
	U-Factor Source Description:							
	Is this assembly exterior or interior?: Exterior							
	Door enclosed within a vestibule?: No vestibule							
Swinging entrance door	A1.0N, A1.1N, A1.1S; Door Schedules on Sheets A1.0N & A1.1N	Doors #1092E, 1065E, 0100E, 0014E,	Exterior		0.2 ≤ PF < 0.5	SHGC-0.46	U-0.60	189

	0010E, ST-CC0						
	U-Factor & SHGC Source: WSEC Appendix A			U-Factor Source Description:			
	Is this assembly exterior or interior?: Exterior			Is this a public entrance door?: No			

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