

Part 10 Design Verification

Planning and Development Services

15322 Buena Vista Avenue, White Rock, B.C. V4B 1Y6 Phone: 604-541-2149 Email: building@whiterockcity.ca

Website: www.whiterockcity.ca

Directions:	1. Effective August 2021
<i>Jii</i> 00010110.	1. Encouve Magadi 2021

	2. To be	completed by the Coordinating Registered Professional.
		submitted prior to the issuance of a Building Permit, accompanied with Design Intent Letters.
To: Building	g Official,	City of White Rock
l,		, am the Coordinating Registered Professional for the below-
mentioned r	project and	have coordinated the design to substantially comply with the requirements of Part 10 of
		Code, based on pursuing the Energy Regulation indicated in Section A below.
20.0 20	D amaning	ocac, sacea en pareamy are Energy regulation maleatea in Section, reserve
Section A	A: Project	Details
Address o	of site:	
D '' '' E	Dawmait NIa	: Zoning:
Building P	ermit No.:	g-
Energy St		☐ ASHRAE 90.1-2016 (Please complete Section B)
Energy St		☐ ASHRAE 90.1-2016 (Please complete Section B)
Energy St		☐ ASHRAE 90.1-2016 (Please complete Section B) ☐ NECB-2015 (Please complete Section C)

The following compliance pathways were utilized for each Section of ASHRAE 90.1-2016 and the responsible professionals for each Part are indicated and the Design Intent Letters are attached:

Section	Compliance Pathway (please select one)	Name of Responsible Registered Professional of Record	Design Intent Letter Attached? (please check)
5: Building Envelope	☐ Mandatory + Prescriptive☐ Mandatory + B.E. Trade-off☐ Mandatory + ECB		
6: HVAC	☐ Simplified Approach☐ Mandatory + Prescriptive☐ Mandatory + ECB		
7: Service Water	☐ Mandatory + Prescriptive☐ Mandatory + ECB		
8: Power	☐ Mandatory		
9: Lighting	 □ Mandatory + Building Area Method □ Mandatory + Space by Space Method □ Mandatory + ECB 		
10: Other Equipment	☐ Mandatory		
11: ECB Method	☐ Energy Cost Budget		

Section C: NECB-2015

The following compliance pathways were utilized for each Part of NECB-2015 and the responsible professionals for each Part are indicated and the Design Intent Letters are attached:

	Compliance Path	way Nam	e of Responsible	Design Intent Letter						
Part	(please select on	,	ered Professional of	Attached? (please						
	()0.00.00 00.000 0	1.09.010	Record	check)						
	☐ Prescriptive		7100074	Gricory						
0.0 11. 5	•									
3: Building Envelop		I								
	Prescriptive + Detail	led TO								
	☐ Prescriptive									
4: Lighting	☐ Prescriptive + Trade	off								
	·									
5: HVAC	Prescriptive									
☐ Trade-off										
6: Service Water	☐ Prescriptive			_						
Heating System	☐ Trade-off									
	☐ Trade-on									
7: Electrical Power										
Systems and	Prescriptive									
Motors										
8: Building Energy										
Performance	Building Energy									
Compliance Path	Performance Compl	iance		_						
Compliance Fati	<u> </u>									
Section D: Energy	√ Step Code									
Energy Step Pursu	ed·									
g,p :ca										
Charay Intensity De	an ant Attached (acchelou)	П								
Energy intensity Re	eport Attached (see below)	ш		Energy Intensity Report Attached (see below)						
O/ / - / /										
	oliance pathways were utiliz			oonsible						
				oonsible						
	oliance pathways were utiliz ach Part are indicated and	the Design Intent Le	tters are attached:							
	ach Part are indicated and	the Design Intent Le	tters are attached: Name of	Design Intent						
Professionals for ea	ach Part are indicated and Equipment and Systems	the Design Intent Le Building Envelope Maximum Therm	tters are attached: Name of al Responsible	Design Intent e Letter						
Professionals for ea	ech Part are indicated and second Equipment and Systems — Maximum Total	the Design Intent Le	tters are attached: - Name of al Responsible Registered	Design Intent e Letter d Attached?						
Professionals for ea	each Part are indicated and the Equipment and Systems — Maximum Total Energy Use Intensity	the Design Intent Le Building Envelope Maximum Therm	tters are attached: Name of al Responsible	Design Intent e Letter d Attached?						
Professionals for ea	ech Part are indicated and second Equipment and Systems — Maximum Total	the Design Intent Le Building Envelope Maximum Therm Energy Demand Intensity	tters are attached: - Name of al Responsibl Registered Professional	Design Intent e Letter d Attached? f of (please						
Professionals for each of the compliance Pathway	each Part are indicated and the Equipment and Systems — Maximum Total Energy Use Intensity	the Design Intent Le Building Envelope Maximum Therm Energy Demand	tters are attached: - Name of al Responsible Registered	Design Intent e Letter d Attached? l of (please check)						
Compliance Pathway Table 10.2.3.3.A.	each Part are indicated and the Equipment and Systems — Maximum Total Energy Use Intensity	the Design Intent Le Building Envelope Maximum Therm Energy Demand Intensity	tters are attached: - Name of al Responsibl Registered Professional	Design Intent Letter Attached? of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B.	each Part are indicated and the Equipment and Systems — Maximum Total Energy Use Intensity	the Design Intent Le Building Envelope Maximum Therm Energy Demand Intensity	tters are attached: - Name of al Responsibl Registered Professional	Design Intent e Letter d Attached? l of (please check)						
Compliance Pathway Table 10.2.3.3.A.	each Part are indicated and the Equipment and Systems — Maximum Total Energy Use Intensity	the Design Intent Le Building Envelope Maximum Therm Energy Demand Intensity	tters are attached: - Name of al Responsibl Registered Professional	Design Intent Letter Attached? of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence	Equipment and Systems - Maximum Total Energy Use Intensity (kWh/m² year)	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year)	tters are attached: - Name of al Responsibl Registered Professional	Design Intent Letter Attached? I of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence 10.2.3.3.(3)	each Part are indicated and the Equipment and Systems — Maximum Total Energy Use Intensity	the Design Intent Le Building Envelope Maximum Therm Energy Demand Intensity	tters are attached: - Name of al Responsibl Registered Professional	Design Intent Letter Attached? of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence	Equipment and Systems - Maximum Total Energy Use Intensity (kWh/m² year)	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year)	tters are attached: - Name of al Responsibl Registered Professional	Design Intent Letter Attached? I of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence 10.2.3.3.(3)	Equipment and Systems - Maximum Total Energy Use Intensity (kWh/m² year)	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year)	tters are attached: - Name of al Responsibl Registered Professional	Design Intent Letter Attached? I of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence 10.2.3.3.(3)	Equipment and Systems - Maximum Total Energy Use Intensity (kWh/m² year)	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year)	tters are attached: - Name of al Responsibl Registered Professional	Design Intent Letter Attached? I of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence 10.2.3.3.(3) (passive house)	Equipment and Systems - Maximum Total Energy Use Intensity (kWh/m² year)	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year)	tters are attached: - Name of al Responsibl Registered Professional	Design Intent Letter Attached? I of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence 10.2.3.3.(3)	Equipment and Systems - Maximum Total Energy Use Intensity (kWh/m² year)	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year)	tters are attached: - Name of al Responsibl Registered Professional	Design Intent Letter Attached? I of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence 10.2.3.3.(3) (passive house) Print name:	Equipment and Systems - Maximum Total Energy Use Intensity (kWh/m² year) Not Applicable	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year)	tters are attached: - Name of al Responsibl Registered Professional	Design Intent Letter Attached? I of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence 10.2.3.3.(3) (passive house)	Equipment and Systems - Maximum Total Energy Use Intensity (kWh/m² year) Not Applicable	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year)	tters are attached: - Name of al Responsibl Registered Professional	Design Intent Letter Attached? I of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence 10.2.3.3.(3) (passive house) Print name: Applicant's signatu	Equipment and Systems - Maximum Total Energy Use Intensity (kWh/m² year) Not Applicable	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year)	tters are attached: - Name of al Responsible Registered Professional Record	Design Intent Letter Attached? I of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence 10.2.3.3.(3) (passive house) Print name:	Equipment and Systems - Maximum Total Energy Use Intensity (kWh/m² year) Not Applicable	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year)	tters are attached: - Name of al Responsible Registered Professional Record	Design Intent Letter Attached? I of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence 10.2.3.3.(3) (passive house) Print name: Applicant's signatu	Equipment and Systems - Maximum Total Energy Use Intensity (kWh/m² year) Not Applicable	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year)	tters are attached: - Name of al Responsible Registered Professional Record	Design Intent Letter Attached? I of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence 10.2.3.3.(3) (passive house) Print name: Applicant's signatu Date Signed: Phone:	Equipment and Systems - Maximum Total Energy Use Intensity (kWh/m² year) Not Applicable	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year) Not Applicable	tters are attached: - Name of al Responsible Registered Professional Record	Design Intent Letter Attached? I of (please check)						
Compliance Pathway Table 10.2.3.3.A. Table 10.2.3.3.B. Sentence 10.2.3.3.(3) (passive house) Print name: Applicant's signatu Date Signed:	Equipment and Systems — Maximum Total Energy Use Intensity (kWh/m² year) Not Applicable	the Design Intent Let Building Envelope Maximum Therm Energy Demand Intensity (kWh/m² year) Not Applicable	tters are attached: - Name of al Responsible Registered Professional Record	Design Intent Letter Attached? I of (please check)						