## Mixed-Use Sustainability Report Card

#### **Purpose**

The Sustainability Report Card recognizes that developers, builders, designers, and others proposing changes to the built environment have an important role in creating a sustainable community. Sustainability involves stewardship of land and environmental resources, as well as green building and a focus on design elements that bring people together and help communities flourish economically, socially, and culturally. Port Moody encourages innovative thinking in community design to achieve a more sustainable community.

To this end, the Report Card is a requirement for rezoning, development permit, and heritage alteration permit applications. The Report Card identifies performance measures based on community sustainability values: these measures are used to evaluate development proposals. The Report Card is intended to be a summary of overall project sustainability. It is a tool to be integrated with all other development approval requirements.

#### **Process**

There are six steps to follow in completing the Sustainability Report Card process:

- 1. Make a development inquiry to Development Services regarding your proposed rezoning, development permit, or heritage alteration permit. Staff will provide you with a hard copy of the Sustainability Report Card and provide a weblink to portmoody.ca/SRC where you can find a fillable PDF version of the Report Card.
- 2. Attend a pre-application meeting with City staff to discuss your proposal. The Planner will determine if the Sustainability Report Card is a document that must be submitted with your application.
- 3. If required, complete a Report Card by filling in the appropriate information that applies to your particular application and submit the completed Report Card (saved version of online fillable PDF or hard copy) to the appropriate City staff (sustainabilityreportcard@portmoody.ca or deliver to City Hall Planning Department at 100 Newport Drive), along with a completed land use application.
- 4. The Planner will review the Report Card for completeness and accuracy and forward to staff in various departments for feedback. The Planner will determine your preliminary score and discuss the results of the staff review with you. You will then have an opportunity to improve your score with respect to the sustainability of your proposal and resubmit an updated Report Card.
- 5. The Planner will make comments, determine your final score, and prepare the Project Report Card Summary. The Summary will be included in the land use reports that are distributed to the Advisory Design Panel, Community Planning Advisory Committee, and Council
- 6. If your application is approved by Council, your final Report Card is maintained in the development file and a copy is provided to the City's Building Division.

#### **Instructions**

- Your Report Card must contain sufficient detail to ensure each measure can be evaluated. To do this, make reference to the appropriate plans, drawings, and reports that demonstrate how the performance measure is met.
- The relevance of the questions will depend on the nature and scope of your project, so not all questions will be applicable to all projects.
- Some measures are marked 'EARLY STAGE'. This indicates that these measures must be considered in the design phase as it is unlikely they can be added to a proposal later on.

Italicized words are in the Glossary at the back of this document.

- Similarly, some measures are marked 'BASELINE'. Although the Report Card is not a pass or fail test of development applications, it does set a minimum score to indicate the City's minimum expectations. Items labelled 'BASELINE' count toward a minimum score as they are considered to be low cost and readily achievable.
- Italicized terms are defined in the Glossary at the end of the Report Card document.
- Refer to the Resources section for links to Internet resources relevant to measures in the Report Card.

#### **Scoring**

- Performance measures are assigned weighted scores from 1 to 10 to indicate their significance based on: (1) level of difficulty to integrate into project design; (2) order-of-magnitude cost added to the project; (3) degree of effectiveness for increasing the overall project sustainability; (4) identified community priority in the Official Community Plan; and (5) level of urgency for Port Moody in terms of achieving community sustainability goals.
- City staff score the completed Report Card based on the principle of best achievable on each site for each performance measure. Where possible, points for achieving various means are indicated. In other cases, the number of means to achieve a performance measure may exceed the total points possible for an item. In this case, the Planner will make a fair assessment of the project's performance for this measure with respect to the conditions of the site as a percentage and translate this to the possible score.
- Only whole number scores will be assigned. This will be achieved by rounding to the nearest whole number. For example, if overall performance for a measure is deemed to be about 80 per cent and the possible score is out of 4, then a score of 3 points out of 4 will be assigned.
- The Report Card is an iterative process with the applicant. The applicant has an opportunity to comment and make changes to their proposal before the scores are considered final and shared with public advisory bodies and Council.
- Additional space is provided for the applicant to address innovations and constraints not captured elsewhere in the Report Card. These items are not scored, but are given specific mention on the Project Report Card Summary.
- Staff will review your completed Report Card and provide feedback before your project is scored to give you the opportunity to achieve the highest score possible.

#### **Monitoring**

In general, the information required from the applicant for the Sustainability Report Card is similar to the kind of information required for a typical development application. However, to ensure accountability, you can expect the City to request additional information, such as: photos of installed systems or products, design drawings, professional reports, copies of receipts, or other records that can be used to verify the implementation of the selected sustainability measures. We encourage you to provide as much information as possible to assist City staff in their review of your development proposal.

#### **Public Information**

The public may request a review of any completed Report Card related to a development application. Copies of the Report Card are maintained by the Planning Division. The Development Services Department makes Report Cards available following completion of the project.

#### **Property and Applicant Information**

Applicant	Telephone	Email
Registered Owner	Project Address	
Proposed Use		
Total Floorspace m <sup>2</sup>		

#### Arts

#### **Performance Measure Description and Scoring**

Project includes public art in publicly accessible or publicly owned space (3 points, +1 bonus point if a Public Art Consultant is used).

OR Project provides an in lieu financial contribution to the City's Public Art Reserve Fund (3 points).

See links in Resources under "Examples of Good Public Art".

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Appricant Explanation and reference to Flamings, and reports						
If <b>yes</b> , describe:	Staff Comments					
Public Art Consultant:						
Diagraphian as						
Plan reference:						
	Bonus Score		/1	Score		/3

#### **CULTURAL SUSTAINABILITY SECTION** How will the project contribute to Port Moody's status as 'City of the Arts'?

#### Arts

#### **Performance Measure Description and Scoring**

Project supports Port Moody's desire to be a "City of the Arts" by integrating artistic design into the site or building form or functionality (2 points).

Examples:

- Creative stormwater management features.
- Creative interaction of the project with the public.
- · Artistic panels in entry foyer.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Describe:	Staff Comments
Plan reference:	

Score	/2

City of Port Moody

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#### Heritage Performa

**CULTU** 

C4

#### **Performance Measure Description and Scoring**

Project includes reusing an existing heritage structure with heritage value through *heritage restoration* or *heritage rehabilitation* (4 points).

Where the preservation of a heritage structure in its original location cannot be accommodated, this may include re-location. See Standards and Guidelines for the Conservation of Historic Places in Canada: <a href="https://distoricplaces.ca">historicplaces.ca</a>

Describe:	Staff Comments
Plan reference:	
	Score
AL SUSTAINABILITY SECTION	How will the project contribute to Port Moody's status as 'City of the Arts'
Heritage	- · · · · · · · · · · · · · · · · · · ·
Performance Measure Description and	Scoring
is observed (2 points). Where warranted, pro	repared by a heritage conservation specialist where potential heritage value ject includes a heritage conservation plan prepared by a heritage conservation able).
is observed (2 points). Where warranted, proprofessional (+2 bonus points, where applications)	ject includes a heritage conservation plan prepared by a heritage conservation able).
is observed (2 points). Where warranted, pro	ject includes a heritage conservation plan prepared by a heritage conservation able).  on of Historic Places in Canada: <u>historicplaces.ca</u>
is observed (2 points). Where warranted, proprofessional (+2 bonus points, where applications and Guidelines for the Conservations).	iject includes a heritage conservation plan prepared by a heritage conservation able).  on of Historic Places in Canada: <u>historicplaces.ca</u>

City of Port Moody

Sustainability Report Card — Mixed Use

/2

Score

**Bonus Score** 

#### Heritage

#### **Performance Measure Description and Scoring**

Project salvages materials or artefacts from a historic place, or reuses materials or artefacts from architectural/landscape salvage in a manner which supports the authenticity of the site's *character-defining elements*.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Details:	Staff Comments
Plan reference:	

Score /3

#### **CULTURAL SUSTAINABILITY SECTION** How will the project contribute to Port Moody's status as 'City of the Arts'?

#### **Arts**

#### **Performance Measure Description and Scoring**

Project designates space for the arts or creative enterprise to be retained for the lifetime of the project. Ex. artist studio, gallery space, dance studio, indoor/outdoor theatre, live-work units, plaza, etc.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

meters <sup>2</sup> / feet <sup>2</sup>	Staff Comments
Description of space:	

Score \_\_\_\_\_/4

#### **CULTURAL SUSTAINABILITY SECTION** How will the project contribute to Port Moody's status as 'City of the Arts'?

#### **Complete Community Elements**

#### **Performance Measure Description and Scoring**

Project improves the *streetscape* beyond minimum City requirements by integrating lasting creative elements and demonstrating effort to optimize the project's *beautification* impact.

Examples:

**CULTU** 

C8

- Restores the frontage of an existing building in Historic Moody Centre.
- Proposes artistic paving treatments in the public realm.
- Adds creativity to functional elements of the *streetscape*.

<ul> <li>Benches, bike rack, planter, lighting, etc. upgrades.</li> </ul>	
Applicant Explanation and Reference to Plans, Drawings, and R	Reports
Details:	Staff Comments
Plan reference:	Score /2
	Score/2
RAL SUSTAINABILITY SECTION How will the project contr	ribute to Port Moody's status as 'City of the Arts'?
Heritage Performance Measure Description and Scoring Project will apply to be added to the City's Heritage Register.  Applicant Explanation and Reference to Plans, Drawings, and Reference to Plans, Drawings, and Reference	Reports
	Staff Comments
Yes No N/A	
Details:	

City of Port Moody Sustainability Report Card — Mixed Use

Score

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Total Cultural Points

**Cultural Pillar Score** 

(Total Points Achieved/Maximum Achievable Score)

#### **ECONOMIC SUSTAINABILITY SECTION** How will the project contribute to a stronger local economy?

#### **Land Use/Employment**

#### **Performance Measure Description and Scoring**

Project increases long-term employment on land designated as Industrial, Mixed Employment, or Mixed Use in the City's Official EC1 Community Plan.

See Map 1: Overall Land Use in the City's Official Community Plan: Map 1: Overall Land Use Plan

Applicant Explanation and Reference to Plans, Drawings, and Reports

Existing:		
Use(s):		Staff Comments
Number of jobs on-site r	elating to this use in operation:	
Proposed:		
Use(s):		
Number of jobs estimate		
Assumptions:		
		Score
IOMIC SUSTAINABILI	TY SECTION How will the proj	iect contribute to a stronger local economy?
Land Use		
Performance Measur	e Description and Scoring	
	a to shops and services by broadening t	he current retail/service mix within an 800m radius of the lot
		• =
Applicant Explanation	on and Reference to Plans, Drawing	
Applicant Explanation		Staff Comments
Applicant Explanation  Describe the diversificat	on and Reference to Plans, Drawing	
Applicant Explanation  Describe the diversificat	on and Reference to Plans, Drawing	
Applicant Explanation  Describe the diversificat	on and Reference to Plans, Drawing	

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Score

#### **Land Use/Employment**

#### **Performance Measure Description and Scoring**

Project provides more intensive use of land designated as Mixed Use, *Transit Oriented Development*, Mixed Employment, or Industrial in the City's Official Community Plan that will support neighbourhood businesses (where permitted/appropriate).

See Map 1: Overall Land Use in the City's Official Community Plan: Map 1: Overall Land Use Plan

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Existing:	Staff Comments
Building type:	
FSR:	
Proposed:	
Building type:	
FSR:	

Score /3

#### **ECONOMIC SUSTAINABILITY SECTION** How will the project contribute to a stronger local economy?

#### **Tourism**

#### **Performance Measure Description and Scoring**

Project provides regional destination commercial or institutional uses such as specialized training/education, specialty retail, dining, arts, cultural, or recreational opportunities.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

			Staff Comments
	Yes	No	
ŀ	If Vos. ovolaini		
	If Yes, explain:		

Score /2

#### **ECONOMIC SUSTAINABILITY SECTION** How will the project contribute to a stronger local economy?

#### **Economic Development/Energy/Materials/Water Use Efficiency Performance Measure Description and Scoring**

Project participates in or develops an alliance between multiple, co-located uses/businesses, i.e. eco-industrial networking.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Applicant Explanation and Reference to Flains, Drawings, and Reports		
Relationship results in (check all that apply):	Staff Comments	
Reduced energy consumption		
Reduced water consumption		
Reduced materials use		
Waste reduction		
Other efficiency:		
Description:		
	Score /4	

CONOMIC SUSTAINABILITY SECTION	How will the project contribute to a stronger local economy
CUNUMIC SUSTAINABILITY SECTION	— HOW WILLING DYOLGCI CONTLINUIS TO A STRONGER LOCAL ECONOMIS

#### **Land Use**

**Performance Measure Description and Scoring** 

Project redevelops and rehabilitates a brownfield site.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Describe:	Staff Comments

Score

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#### **ECONOMIC SUSTAINABILITY SECTION** How will the project contribute to a stronger local economy? Innovation **Performance Measure Description and Scoring** Economic sustainability aspects not captured above. Applicant Explanation and Reference to Plans, Drawings, and Reports Staff Comments **ECONOMIC SUSTAINABILITY SECTION** How will the project contribute to a stronger local economy? **Constraints Performance Measure Description and Scoring** EC8 Unique site aspects that limit economic sustainability achievement. Applicant Explanation and Reference to Plans, Drawings, and Reports **Staff Comments Economic Sustainability Score Summary** Score Total Economic Pillar Points (Total Points Available - Not Including Bonus Points) Total **Total Economic Points Not Applicable** (Total Points for Items Not Relevant to this Application) **Maximum Achievable Score** (Total Economic Pillar Points Minus Total Economic Points Not Applicable) Maximum **Economic Pillar Minimum Score** (Sum of Applicable Baseline Items) Economic Baseline **Total Points Achieved** (Total Points Achieved for Applicable Items for this Application) Total Economic Points **Economic Pillar Score** (Total Points Achieved/Maximum Achievable Score)

#### Site Context | Ecology

#### **Performance Measure Description and Scoring**

EN1 Project protects and enhances an *Environmentally Sensitive Area* (ESA) as designated on Map 13 in the City's Official Community Plan, i.e. provides positive net benefit.

See Map 13: Environmentally Sensitive Areas and Appendix 2: Development Permit Area Guidelines in the Official Community Plan.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Type of ESA:	Staff Comments
High ESA	
Medium ESA	
Low ESA	
30m Stream Buffer (High Value)	
Special Feature (High Value)	
Features/Species of Value:	1
Means of Protection:	
Covenant	
Dedication	
Monitoring	
Other:	
Means of Improvement of ESA:	1

_	
Score	/4

#### Site Context | Ecology

#### **Performance Measure Description and Scoring**

EN2 Project provides bird-friendly development through landscaping that provides habitat to native species and building design that reduces bird collisions.

See Vancouver Bird Strategy

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

List all elements that reduce the impact that urbanization has on birds for	Staff Comments
this project:	

#### **ENVIRONMENTAL SUSTAINABILITY SECTION** How well does the project minimize the demands on the environment?

#### Site Context | Ecology

#### **Performance Measure Description and Scoring**

- EN3 Design of outdoor lighting minimizes the harmful effects of *light pollution* with technology that ensures lighting is:
  - · Only on when needed
  - Only lights the area that needs it
  - No brighter than necessary
  - Minimizes blue light emissions
  - Fully shielded (pointing downward)

See International Dark Sky Association for Dark Sky Friendly Lighting.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Describe the lighting plan for the site and its dark sky friendly features:	Staff Comments

Score	/3

City of Port Moody

Score

#### Site | Air Quality – Alternative Transportation **Performance Measure Description and Scoring**

Greenhouse Gas Emissions from this development.

Project provides alternative transportation facilities for user groups of each land use type, which contributes to reducing EN4

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Check all that apply:	Staff Comments
Short-Term Bicycle parking	
Long-Term Bicycle parking	
End-of-Trip Bicycle Facilities:	
Bike share and assigned parking	
Co-op vehicle and assigned parking space provision	
Electric Vehicle plug-ins and designated spaces <sup>1</sup>	
Plan references:	

_	
Score	/3

#### **ENVIRONMENTAL SUSTAINABILITY SECTION** How well does the project minimize the demands on the environment?

#### Site | Air Quality - Alternative Transportation **Performance Measure Description and Scoring**

Project incorporates measures to support pedestrians and cyclists.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Check all that apply:	Staff Comments
Connects to existing pedestrian/cycling routes and priority	
destinations	
Improves local pedestrian routes, local bike networks/trails	
Safe, secure, accessible, and sustainable footpaths	
Pedestrian clearway sufficient to accommodate pedestrian flow	
Covered outdoor waiting areas, overhangs, or awnings	
Pedestrian scale lighting	
Pedestrian/bike-only zones	
Other:	
Site circulation plan:	
Other plan references:	

Score	/3
500.0	,, -

<sup>1</sup> See BC Hydro's Electric Vehicle Charging Infrastructure Deployment Guidelines.

## + EARLY STAGE

EN7

#### **Building | Waste Storage Space**

#### **Performance Measure Description and Scoring**

EN6 Project allocates sufficient and accessible recycling and garbage storage space in multi-family and commercial buildings and complexes compatible with City of Port Moody recycling, green waste, and garbage services.

Target 1: Metro Vancouver's Technical Specifications for Recycling and Garbage Amenities in Multi-family and Commercial Developments.

Target 2: Design provides safe and universally accessible access in a secure common area.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Total residential recycling, garbage, and green waste space proposed:	Staff Comments
Recycling:m²	
Garbage:m²	
Green Waste:m²	
Total commercial recycling, garbage, and green waste space proposed:	
Recycling:m²	
Garbage: m²	
Green Waste:m²	
Details regarding design for safety, security, and accessibility:	

Score /2

#### **ENVIRONMENTAL SUSTAINABILITY SECTION** How well does the project minimize the demands on the environment?

### Site | Sustainable Landscaping – *Urban Forestry* Performance Measure Description and Scoring

Project protects and enhances the *urban forest*, prioritizing native tree species.

See City of Port Moody Tree Protection Bylaw

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Check all that apply:	Staff Comments
Existing mature trees protected (#)	
Replacement tree ratio ( : 1)	
Native tree species planted on site (#)	
Native tree species planted off site (#)	
Protected/natural park areas added on site	
(% of total site area:%)	
Arborist report:	

Score	/3

#### Site | Sustainable Landscaping – Habitat Performance Measure Description and Scoring

Project preserves, enhances, and/or compensates for site ecology on site (4 points). Off-site compensation may be considered in some cases, in accordance with all other City regulations and supported by staff (3 points).

Compensation in the form of a financial contribution to the City toward approved public restoration, rehabilitation, or enhancement projects may be considered (2 points).

See City of Port Moody Naturescape Policy 13-6410-03.

See also Invasive Plant Council of BC

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Check all that apply:	Staff Comments
Salvage replanting	
Reduction to existing impervious aream <sup>2</sup>	
Removal of <i>invasive plant species</i>	
Names:	
Native/"naturescape" landscaping	
Watercourse daylighting	
Riparian area restoration	
Other measures taken to enhance habitat or to compensate for	
habitat loss:	

Score	/4
Score	/4

ASFLINE

## ACELINE

#### Site | Sustainable Landscaping – Stormwater Performance Measure Description and Scoring

- EN9 Project provides for stormwater retention and evaporation, and groundwater protection in the site stormwater management plan.

  Targets:
  - 1. Stormwater retained on-site to the same level of annual volume allowable under pre-development conditions.
  - 2. Maximum allowable annual run-off volume is no more than 50% of the total average annual rainfall depth.
  - 3. Remove 80% of total suspended solids based on the post-development imperviousness.

(3 points if all three targets are achieved)

See link in References to Metro Vancouver's Stormwater Source Control Guidelines

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Target(s) reached: 1 2 3	Staff Comments
Means of achieving (check all that apply):	
Absorbent landscape	
Roof downspout disconnection	
Infiltration swales and/or trenches	
Sub-surface chambers/detention tanks	
Rain gardens with native plantings	
Rainwater harvesting	
Tree well structures	
Green roof/wall	
Water quality structures	
Pervious paving	
Daylighted streams	
Constructed wetlands	
Other:	
References to plans and documents:	

Score	/3

#### Site | Sustainable Landscaping – Water Conservation Performance Measure Description and Scoring

EN10 Project reduces potable water use for irrigation.

2 points = 5 actions (from "check all that apply" list)

1 point = 3 actions (from "check all that apply" list)

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Check all that apply:	Staff Comments
Drought-tolerant landscaping (xeriscaping) with native species	
Low-maintenance lawn alternatives	
Non-water dependent materials/features for ground cover treatment	
Irrigation system with central control and rain sensors	
Captured rainwater irrigation system, e.g. using cisterns/rain barrels	
Other:	
Plan reference:	

Score /2

#### **ENVIRONMENTAL SUSTAINABILITY SECTION** How well does the project minimize the demands on the environment?

#### Site Context | Ecology

#### Performance Measure Description and Scoring

EN11 Project is sited and designed in order to facilitate and improve wildlife movement and access, particularly within known and suspected *habitat corridors*.

Ex. Deer, bears, frogs, salmon, etc. (depending on site location).

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Species supported:	Staff Comments
Means of supporting:	
Environmental assessment or site plan reference:	

Score /2

#### **Building | Green Building Rating**

#### **Performance Measure Description and Scoring**

EN12 Project will achieve a recognized industry standard for sustainable design.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Built Green Level:	Staff Comments
Bronze (2 points)	
• Silver (5 points)	
• Gold (8 points)	
• Platinum (10 points)	
LEED Level:	
Certified (2 points)	
• Silver (5 points)	
• Gold (8 points)	
• Platinum (10 points)	
Canadian Passive House Institute (10 points)	
Living Future Institute	
Living Building Certification (10 points)	
• Petal Certification (10 points)	
Net Zero Energy Certification (10 points)	
Other:	

Score

#### **ENVIRONMENTAL SUSTAINABILITY SECTION** How well does the project minimize the demands on the environment?

#### Building | Alternative/Renewable Energy Performance Measure Description and Scoring

EN13 Project provides local, low-carbon energy systems, such as geo-exchange, heat recovery ventilation, solar or district energy.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Details:	Staff Comments
Specify % of energy generated:	

City of Port Moody

#### **Building | Energy Reduction and Indoor Climate Performance Measure Description and Scoring**

Building architecture employs passive design strategies appropriate to the local climate to reduce energy use and enhance occupant comfort.

Examples:

- Site design and building massing minimizes east and west exposures to avoid unwanted solar gains.
- Limit windows to 50% of any façade, taking into account other livability and aesthetic criteria.
- Use heat-recovery ventilation during heating season only, and design for natural ventilation and cooling by natural ventilation throughout the rest of the year.

	Yes No	Staff Comments
Ke	Key <i>passive design</i> building elements:	
		Score
RON	NMENTAL SUSTAINABILITY SECTION How	Score  well does the project minimize the demands on the environn
	NMENTAL SUSTAINABILITY SECTION How	
S		
S P	Smart Technology	well does the project minimize the demands on the environn
<b>S</b> <b>P</b> 15 Pi	Smart Technology Performance Measure Description and Scoring	well does the project minimize the demands on the environm
5 P P 15 Pi Ex	Smart Technology Performance Measure Description and Scoring Project uses smart technology to optimize sustainable u	wwell does the project minimize the demands on the environm use of resources. onsumption, security, etc.
S P 15 P 16 Ex	Smart Technology Performance Measure Description and Scoring Project uses smart technology to optimize sustainable uses. Automated lighting, shading, HVAC, energy/water co	wwell does the project minimize the demands on the environm use of resources. onsumption, security, etc.
S P 15 P Ex	Smart Technology Performance Measure Description and Scoring Project uses smart technology to optimize sustainable uses. Automated lighting, shading, HVAC, energy/water complicant Explanation and Reference to Plans, I	wwell does the project minimize the demands on the environm use of resources. onsumption, security, etc. Drawings, and Reports
S P 15 P 16 Ex	Smart Technology Performance Measure Description and Scoring Project uses smart technology to optimize sustainable uses. Automated lighting, shading, HVAC, energy/water complicant Explanation and Reference to Plans, I	wwell does the project minimize the demands on the environm use of resources. onsumption, security, etc. Drawings, and Reports
S P 15 P Ex	Smart Technology Performance Measure Description and Scoring Project uses smart technology to optimize sustainable uses. Automated lighting, shading, HVAC, energy/water complicant Explanation and Reference to Plans, I	wwell does the project minimize the demands on the environm use of resources. onsumption, security, etc. Drawings, and Reports
S P 15 P Ex	Smart Technology Performance Measure Description and Scoring Project uses smart technology to optimize sustainable uses. Automated lighting, shading, HVAC, energy/water complicant Explanation and Reference to Plans, I	wwell does the project minimize the demands on the environm use of resources. onsumption, security, etc. Drawings, and Reports
S P 115 Pi Ex A	Smart Technology Performance Measure Description and Scoring Project uses smart technology to optimize sustainable uses. Automated lighting, shading, HVAC, energy/water complicant Explanation and Reference to Plans, I	wwell does the project minimize the demands on the environ use of resources. onsumption, security, etc. Drawings, and Reports
S P 115 Pi Ex A	Smart Technology Performance Measure Description and Scoring Project uses smart technology to optimize sustainable uses. Automated lighting, shading, HVAC, energy/water complicant Explanation and Reference to Plans, I	wwell does the project minimize the demands on the environm use of resources. onsumption, security, etc. Drawings, and Reports

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Score

#### Site | Sustainable Landscaping

#### **Performance Measure Description and Scoring**

EN16 Project provides or designates space for growing food in private or common areas including on-site composting to support the gardening activities.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Details:	Staff Comments
Landscape Plan Reference:	
Landscape Harrierenee.	

Score /2

#### **ENVIRONMENTAL SUSTAINABILITY SECTION** How well does the project minimize the demands on the environment?

#### **Building Energy Performance**

**Performance Measure Description and Scoring** 

EN17 Building design incorporates Port Moody Building Energy Performance Design Guidelines.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

BC Energy Step Code:	Staff Comments	
Tier 1 (1 point)		
Tier 2 (2 points)		
Tier 3 (3 points)		
Tier 4 (4 points)		
Attach a copy of Port Moody Building Energy Performance Design Guidelines Checklist.		

	1
Score	/4

NVIRO	<b>NVIRONMENTAL SUSTAINABILITY SECTION</b> How well does the project minimize the demands on the environment?				
	Stormwater and Ecology/Water Conservation Performance Measure Description and Scoring				
EN18					
	Applicant Explanation and Reference to Plans, Drawings, and F	Reports			
	Details:	Staff Comments			
NVIRO	ONMENTAL SUSTAINABILITY SECTION How well does the p	Bonus Score /2 roject minimize the demands on the environment?			
	Environmental Monitoring				
	Performance Measure Description and Scoring				
EN19	Project contracts with an Environmental Monitor(s) to oversee implementive. sustainable landscaping measures.  OR  Project employs an energy efficiency consultant.  2 BONUS POINTS EACH	tation of environmental sustainability measures,			
	Applicant Explanation and Reference to Plans, Drawings, and Reports				
	Details of Work Overseen/Contribution:	Staff Comments			

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**Bonus Score** 

# ENVIRONMENTAL SUSTAINABILITY SECTION How well does the project minimize the demands on the environment? Innovation Performance Measure Description and Scoring EN20 Environmental sustainability aspects not captured above. Applicant Explanation and Poference to Plans, Drawings, and Poperts

Applicant Explanation and Reference to Plans, Drawings, and Reports			
		Staff Comments	

#### **ENVIRONMENTAL SUSTAINABILITY SECTION** How well does the project minimize the demands on the environment?

**Constraints** 

**Performance Measure Description and Scoring** 

EN21 Unique site aspects that limit environmental sustainability achievement.

Applicant Explanation and Reference to Plans, Drawings, and Reports

Staff Comments

#### **Environmental Sustainability Score Summary** Score Total Environmental Pillar Points (Total Points Available – Not Including Bonus Points) Total **Total Environmental Points Not Applicable** (Total Points for Items Not Relevant to this Application) Maximum Achievable Score (Total Environmental Pillar Points Minus Total Environmental Points Not Applicable) Maximum **Environmental Pillar Minimum Score** (Sum of Applicable Baseline Items) Enviro Baseline **Total Points Achieved** (Total Points Achieved for Applicable Items for this Application) Total Environmenta Points **Environmental Pillar Score** (Total Points Achieved/Maximum Achievable Score)

#### Accessibility

#### **Performance Measure Description and Scoring**

- S1 For single-storey units in multi-family residential development:
  - (a) a minimum of 40% are adaptable units (2 points) and, of those units,
  - (b) accessible unit(s) providing full wheelchair accessibility are provided (2 points).

Project incorporates adaptable and accessible design features in the site/building circulation and bathrooms in all other uses (2 points).

#### 4 D

Applicant Explanation and Reference to Plans, Drawings, and I	
Residential	Staff Comments
% of Adaptable Units:	
Details:	
Number of Accessible Units:	
Details:	
Residential Site/Common Areas and Commercial/Industrial/	
Institutional Uses:	
Details:	

Score

## **RLY STAGE**

#### **Complete Community Design**

#### **Performance Measure Description and Scoring**

S2 Project design is adapted to minimize shadow or privacy impacts to adjacent buildings.

#### AND/OR

Project design integrates the results of a *viewscape* study with respect to water and mountain views.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Details:	Staff Comments
Plan/document references:	

Score /1

#### **SOCIAL SUSTAINABILITY SECTION**

How well does the project address community health and wellness?

#### **Diversity of Use**

#### **Performance Measure Description and Scoring**

53 Development provides diversification by increasing the mix of uses for the particular site and its neighbourhood.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Existing use(s):	Staff Comments
Proposed uses:	
% Total Floorspace/Site Area	
Residential	
Commercial	
Industrial	
Institutional	
Park (Note Type)	
Gathering Space	

Score /3

#### **Housing Diversity**

#### **Performance Measure Description and Scoring**

S4 Development includes a mix of housing types.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

	Number of Units	Staff Comments
Live-work units		
Ground-oriented units		
Apartment units		

Score /3

#### **SOCIAL SUSTAINABILITY SECTION**

How well does the project address community health and wellness?

#### **Housing Diversity**

#### **Performance Measure Description and Scoring**

Project includes a range of unit sizes for a variety of household types, and the design is flexible to allow for changes, i.e. den can easily become another bedroom.

#### Targets:

- 2-bedroom minimum 25% of units
- 3-bedroom minimum 10% of units

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

	Number of Units	% of Units	Staff Comments
Bachelor/1-bedroom			
2-bedroom		(1 pt)	
3+-bedroom		(2 pts)	
Flexible design features:			

Score	/3
Score	/ 3

#### **Housing Affordability**

#### **Performance Measure Description and Scoring**

Project provides new purpose-built *market rental housing* (2 points) or affordable *market rental housing* (3 points) or *non-market rental housing* (4 points).

OR

Development contributes to the City's Affordable Housing Reserve Fund in lieu of provision of affordable housing (2 points).

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Types:	Staff Comments
Description:	
% of total housing units:%	
Plan reference:	

Score /4

#### **SOCIAL SUSTAINABILITY SECTION**

How well does the project address community health and wellness?

#### **Amenities**

#### **Performance Measure Description and Scoring**

S7 Project provides voluntary public amenities.

Examples:

- Child care facility
- Space for growing food
- Child play areas
- Gathering place/space
- Park/greenspace
- Public contribution in lieu (CACs), i.e., school, library, arts, etc.

(5 Points = any approved option)

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

	Details:	Staff Comments
Ì	Plan reference:	

Score /5

#### **Amenities**

#### **Performance Measure Description and Scoring**

S8 Project provides voluntary private amenities.

Examples:

- · Accessible green roof
- Communal garden
- Dog runs
- Play areas
- Social gathering place

(1 point per approved amenity item – maximum of 3 points)

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Details:	Staff Comments
Plan reference:	

Score /3

#### **SOCIAL SUSTAINABILITY SECTION**

How well does the project address community health and wellness?

#### **Inclusive Community**

#### **Performance Measure Description and Scoring**

S9 The proposal supports aging-in-place with adult care, assisted living space, and/or independent senior living space.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Details:	Staff Comments

Score /4

City of Port Moody

#### **Community Building**

#### **Performance Measure Description and Scoring**

Project provides *urban vitalization* by involving land owners and occupants, community groups, and end user groups who may be affected by the proposal in the planning process to identify and showcase Port Moody's unique assets, i.e. goes above and beyond standard notification and consultation.

Examples:

• Host a community-building workshop with the neighbourhood at the time of a project's inception to determine values and identify unique assets to leverage through design.

Staff will advise on notification requirements and appropriate stakeholder consultation

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Disease interest for each of a selection of a second of the size in the second of the	Cl-ff C-man-
Please identify stakeholders and explain their involvement:	Staff Comments
Identify actions taken in response to stakeholder input:	
Plan references:	
	I

Score /4

#### Safety

#### **Performance Measure Description and Scoring**

The design of the site incorporates Crime Prevention Through Environmental Design principles (CPTED).

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Please explain:	Staff Comments
Plan references:	

Score /1

#### **SOCIAL SUSTAINABILITY SECTION**

How well does the project address community health and wellness?

#### **Education and Awareness**

#### **Performance Measure Description and Scoring**

Project provides education and awareness of the sustainable features of the project for owners/occupants.

Examples:

- Document is given to new owners at time of sale, covenant on title, inclusion/protection of features in strata bylaws
- Signage/display/art recognizing design, etc.

#### Applicant Explanation and Reference to Plans, Drawings, and Reports

Describe:	Staff Comments

Score /

**Innovation** 

**Performance Measure Description and Scoring** 

S13 Social sustainability aspects not captured above.

1	social sustainability aspects not captured above.
	Applicant Explanation and Reference to Plans, Drawings, and Reports
	Staff Comments

#### **SOCIAL SUSTAINABILITY SECTION** How well does the project address community health and wellness?

**Constraints** 

**Performance Measure Description and Scoring** 

S14 Unique site aspects that limit social sustainability achievement.

 ${\bf Applicant\ Explanation\ and\ Reference\ to\ Plans,\ Drawings,\ and\ Reports}$ 

Staff Comments

#### **Social Sustainability Score Summary**

Total Casial Dillay Daints (Total Daints Available - Not Including Danus Daints)	Score
Total Social Pillar Points (Total Points Available – Not Including Bonus Points)	Total
Total Social Points Not Applicable (Total Points for Items Not Relevant to this Application)	
Maximum Achievable Score	n/a
(Total Social Pillar Points Minus Total Social Points Not Applicable)  Social Pillar Minimum Score	Maximum
(Sum of Applicable Baseline Items)	Social Baseline
Total Points Achieved (Total Points Achieved for Applicable Items for this Application)	Total Social Points
Social Pillar Score (Total Points Achieved/Maximum Achievable Score)	Total Cacial

## Project Report Card Summary FOR CITY USE ONLY – TO BE FILLED OUT BY THE PLANNER

Project Address/Name:			File No:	
PROJECT SCORE SUMMARY	Cultural	Economic	Environmental	Social
Total Pillar Points Available	23	16	57	38
Sum Of Items Not Applicable	Cultural na	Economic na	Enviro na	Social na
Maximum Achievable Score (Total Pillar Points – Sum of Items N/A)	Maximum Cultural Achievable	Maximum Economic Achievable	Maximum Enviro Achievable	Maximum Social Achievable
Minimum Score	Minimum Cultural Score	Minimum Economic Score	Minimum Enviro Score	Minimum Social Score
(Sum of Applicable Baseline Items)  Missed Points (Sum of Applicable Items Not Achieved)	Missed Cultural Points	Missed Economic Points	Missed EnviroPoints	Missed Social Points
TOTAL PILLAR SCORE ACHIEVED  (Total Points Achieved out of Applicable Items)	Total Cultural # Possible Cultural # % Total Cultural Percent	Total Economic # Possible Economic #  Months    Total Economic Percent	Total Enviro # Possible Enviro # % Total Enviro Percent	Total Social # Possible Social # % Total Social Percent
<b>OVERALL SUSTAINABILITY SCORE</b> (Sum of Four Pillars)	Overall #	/ Overall Possible #	Overall P	% ercent
SUSTAINABILITY HIGHLIGHTS	Cultural	Economic	Environmental	Social
+ Priority Items (Score ≥3) Achieved and Confirmed Innovations	+ Cultural	+ Economic	+ Environmental	+ Social

#### **Report Card Glossary**

Accessible housing – Housing designed and constructed to be universally accessible to people of diverse ages and abilities.

Adaptable unit – A dwelling unit that provides flexible design features that meet BC Building Code minimum requirements; it can be adapted to meet the changing needs of any occupant for reasons of disability, lack of stamina, and progressing through different life stages to support independent living.

Accessible housing/unit – Housing with fixed design features to enable independent living for persons with disabilities, such as those in wheelchairs.

**Affordable market housing** – Housing that is affordable to moderate income households achieved through tenure, location, reduced parking, modesty in unit size, level of finishing, and design and durability over time as the buildings age.

**BC Energy Step Code** – BC Energy Step Code is a voluntary roadmap that establishes progressive performance targets (i.e., steps) that support market transformation from the current energy-efficiency requirements in the BC Building Code to net zero energy ready buildings.

**Beautification** – The process of making visual improvements appropriate to a specific place, including but not limited to building facades, landscaping, decorative or historic-style street elements, selection of paving/fencing materials and their treatment, etc. Improvements contribute to Port Moody's reputation as City of the Arts in a sustainable manner.

**Brownfield** – A term used in urban planning to describe land previously used for industrial purposes or some commercial uses where the expansion, redevelopment, or reuse of the property may be complicated by the potential presence of a hazardous substance, pollutant, or contaminant.

**Car/Bike share network** – Arrangements between two or more persons to share the use of a vehicle or bicycle for a specified cost and period of time.

**Character-defining elements** – The materials, forms, location, spatial configurations, uses, and cultural associations or meanings that contribute to the heritage value of a historic place, which must be retained to preserve its heritage value.

**Crime Prevention Through Environmental Design (CPTED)** – The design and effective use of the built environment to reduce the incidence of crime and improve the quality of life.

**District energy systems** – A system that uses renewable energy to pipe energy to buildings within a specified area for space heating, hot water, and air conditioning.

**Ecological inventory** – An inventory that identifies the ecological values in a natural habitat, and is usually the first step in an environmental impact assessment.

**Electric vehicle (EV)** – An automobile that uses one or more electric motors or traction motors for propulsion. An electric vehicle may be powered through a collector system by electricity from off-vehicle sources, or may be self-contained with a battery or generator to convert fuel to electricity.

**Environmentally Sensitive Areas** – Land designated as areas that need special protection because of its environmental attributes, such as rare ecosystems, habitats for species at risk and areas that are easily disturbed by human activities. Refer to Map 13 of OCP.

#### **Report Card Glossary – continued**

**Greenfield** – Undeveloped land in a city or rural area either used for agriculture or landscape design, or left to evolve naturally. These areas of land are usually agricultural or amenity properties being considered for urban development.

**Greyfield** – Economically obsolescent, out-dated, declining, and/or underutilized land, often with the presence of abundant surface parking.

**Greywater** – Wastewater from lavatories, showers, sinks, and washing machines that do not contain food wastes and that can be reused for purposes such as irrigation or flushing toilets.

**Habitat corridor** – Habitat areas, generally consisting of native vegetation, linking with larger areas of similar wildlife habitat. Corridors are critical for the maintenance of ecological processes, providing food, and allowing for the movement of animals and the continuation of viable populations.

**Heat island effect** – Heat islands form as vegetation is replaced by hard surfaces to accommodate growing populations. These surfaces absorb, rather than reflect, the sun's heat, causing surface temperatures and overall ambient temperatures to rise.

**Heritage rehabilitation** – The action or process of making possible a continuing or compatible contemporary use of a historic place through repair, alterations, and/or additions while protecting its heritage value.

Heritage restoration – Returning a historic place back to how it looked at any time in its past.

**Invasive plant species** – An invasive plant is a non-native species whose interaction causes economic harm, harm to human health, and/or environmental harm.

**Light pollution** – Brightening of the night sky caused by street lights and other man-made sources, which has a disruptive effect on natural cycles and inhibits the observation of stars and planets.

Market rental housing – Private, market rental rate housing units.

**Naturescape planting** – Landscaping with species that are naturally adapted to local climate, soils, predators, pollinators, and disease and, once established, require minimal maintenance.

**Non-market rental housing** – Subsidized rental housing for those unable to pay market-level rents including, but not limited to, public housing owned and operated by government agencies, non-profit housing owned and operated by public and private non-profit groups, and co-operative housing owned and managed by co-operative associations of the residents.

On-site power generation – The ability to generate power without transporting it from its source to where it can be utilized.

On-site renewable energy generation – The generation of naturally replenished sources of energy, such as solar, wind power, falling water, and geothermal energy.

**Passive design** – An approach to building design that uses the building architecture to minimize energy consumption and improve thermal comfort.

Public space – A social space that is generally open and accessible to people.

#### **Report Card Glossary – continued**

**R-2000-Certified New Home** – Best-in-class, energy-efficient homes with even higher levels of energy efficiency than ENERGY STAR-qualified new homes, as well as clean air and environmental features.

**Smart technology** – Technologies that allow sensors, databases, and/or wireless access to collaboratively sense, adapt to, and provide for users within the environment.

**Statement of significance** – The first essential step in any conservation project, which involves identifying and describing the *character-defining elements*; it is important in defining the overall heritage value of the historic place. Refer to the Standards and Guidelines for the Conservation of Historic Places in Canada (see Resources glossary).

**Streetscape** – The visual elements of a street, including the road, adjoining buildings, sidewalks, street furniture, trees, and open spaces that combine to form the street's character.

**Storm water management plan** – The management of water occurring as a result of development or precipitation that flows over the surface into a sewer system.

**Transit oriented development (TOD)** – A mixed-use residential and commercial area designed to maximize access to public transportation; it often incorporates features to encourage transit ridership. A TOD neighbourhood typically has a centre with a transit station or stop (train station, metro station, tram stop, or bus stop), surrounded by relatively high-density development with progressively lower-density development spreading outward from the centre. TODs generally are located within a radius of 400 to 800 metres from a transit stop, as this is considered to be an appropriate distance for *walkability*.

**Universal access** – This term refers to broad-spectrum ideas meant to produce buildings, products, and environments that are inherently accessible to both people without disabilities and people with disabilities.

**Urban infill** – An urban planning term that refers to new development that is sited on vacant or undeveloped land within an existing community, and that is enclosed by other types of development.

**Urban forest** – The total collection of trees and associated plants growing in a city or town. It includes trees in parks and yards, along roadways and paths, and in other areas, both on public and private lands.

**Urban vitalization** – The urban planning process of rehabilitating a place or "taking a place to a higher level" using a community-building process (early stage community involvement) to define the key characteristics that make a place unique or special; and applying the concepts of urban conservation to leverage a community's assets, most often in accordance with approved City plans.

**Viewscape** – The natural and built environment that is visible from a viewing point.

**Walkability** – The extent to which the built environment is friendly to the presence of people living, shopping, visiting, enjoying, or spending time in an area; improvements in walkability lead to health, economic, and environmental benefits.

**Xeriscaping** – This terms refers to landscaping and gardening in ways that reduce or eliminate the need for supplemental water from irrigation. Xeriscaping refers to a method of landscape design that minimizes water use.

#### Resources

Access Near Aquatic Areas: A Guide to Sensitive Planning, Design and Management

atfiles.org

**BC Climate Exchange** 

bcclimateexchange.ca

**BC Energy Step Code Technical Requirements** 

bclaws.ca

Best Management Practices for Amphibians and Reptiles in Urban and Rural Environments in British Columbia

env.gov.bc.ca

**Bird-Friendly Development Guidelines – City of Toronto** 

toronto.ca/lightsout/guidelines

**Canada Green Building Council** 

cagbc.org

**City of Port Moody: Official Community Plan (2014)** 

portmoody.ca

Stream and Drainage System Protection Bylaw No. 2470

portmoody.ca

City of Port Moody Waste Management Bylaw No. 2822

portmoody.ca

City of Vancouver Passive Design Toolkit for Large Buildings

vancouver.ca

Community Green Ways Linking Communities to Country and People to Nature

evergreen.ca

Design Centre for CPTED (Crime Prevention Through Environmental Design)

designcentreforcpted.org

Develop with Care: Environmental Guidelines for Urban and Rural Land Development in British Columbia

env.gov.bc.ca/wld/documents/bmp/devwithcare/

**EnerGuide Rating System** 

nrcan.gc.ca/energy/efficiency/housing/new-homes/5035

**Environmentally Sensitive Areas, Best Practices** 

env.gov.bc.ca

#### **Resources – continued**

#### **Examples of Good Public Art**

City of Port Moody Public Art

**Fatal Light Awareness Program (FLAP)** 

flap.org

**Invasive Species Council of Metro Vancouver** 

iscmv.ca

**International Dark Sky Association** 

darksky.org

Metro Vancouver's DLC Waste Management Toolkit

metrovancouver.org

Metro Vancouver Technical Specifications for Recycling and Garbage Amenities in Multi-family and Commercial Developments

metrovancouver.org/services

Metro Vancouver's Stormwater Source Control Guideline

metrovancouver.org/services

**Naturescape BC** 

naturescapebc.ca

**Project for Public Spaces** 

pps.org

**Riparian Areas Regulation Assessment Methods** 

gov.bc.ca

**Standards and Best Management Practices for Instream Works** 

env.gov.bc.ca

Standards and Guidelines for the Conservation of Historic Places in Canada

historicplaces.ca

Stream Stewardship: A Guide for Planners and Developers

stewardshipcentrebc.ca

**Translink: Transit Oriented Communities** 

translink.ca/transit-oriented-communities

**Vancouver Bird Strategy – City of Vancouver (2015)** 

vancouver.ca