Multi-Family 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
DF ARCHITECTURE INC.	6042845194	info@dfarchitecture.ca
Registered Owner	Project Address	
Krishan Anand / 1156038 BC Ltd.	2222 Clarke St. Port Moody	
Proposed Use		
Multi Family Residential		
Total Floorspace 1069.3 m ²		

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

If yes , describe:	Staff Comments	
PROJECT TO PROVIDE CASH IN LIEU		
Public Art Consultant:		
Plan reference:		
	Bonus Score /1	Score 3 /3

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

Arts

C2

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
FRONT PATIOS DESIGN TO BE INTERACTIVE WITH STREET INTERFACE TRELLIS AT THE PEDESTRIAN ENTRANCE, GIVING IT A EMPHASIZED APPEARANCE	
Plan reference: A-100	

Score ¹

C1

Heritage

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: historicplaces.ca

Applicant Explanation and Reference to Plans, Drawings, and Reports

Describe:	Staff Comments
NA	
Plan reference:	

Score N/A /4

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

Heritage

Performance Measure Description and Scoring

Project includes a *statement of significance* prepared by a heritage conservation specialist where potential heritage value is observed (2 points). Where warranted, project includes a heritage conservation plan prepared by a heritage conservation professional (+2 bonus points, where applicable).

See Standards and Guidelines for the Conservation of Historic Places in Canada: historicplaces.ca

Applicant Explanation and Reference to Plans, Drawings, and Reports

Report title:	Staff Comments
NA	
Heritage Consultant:	
	Bonus Score /2 Score N/A /2

C3

C4

Heritage

Performance Measure Description and Scoring

C5 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
NA	
Plan reference:	
	Score N/A /3

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

Arts

C6

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

	58.71 meters ² / 632 feet ²	Staff Comments Does not meet intent		
	Description of space:			
	PROJECT HAVE A CENTRAL OUTDOOR AMENITY AREA FOR CARRYING OUT SOCIAL GATHERING FOR RESIDENTS. INCLUDING A BARBEQUE PITT ALONG WITH PICINIC TABLES.			
l		Score	0	/4

Complete Community Elements

Performance Measure Description and Scoring

C7 Project improves the *streetscape* beyond minimum City requirements by integrating lasting creative elements and demonstrating effort to optimize the project's *beautification* impact.

Examples:

- 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*.
- Benches, bike rack, planter, lighting, etc. upgrades.

Applicant Explanation and Reference to Plans, Drawings, and Reports

Details:	Staff Comments
THE ELEVATIONS ARE DESIGNED SUCH THAT THEY MAY GEL INTO THE STREETSCAPE MAINTAINING THE HERITAGE CONCEPT OF CITY OF PORT MOODY AND ADDING CREATICITIY TO FUNCTIONAL ELEMENTS OF THE STREETSCAPE	
STREET ORIENTED PATIOS AND PLANTERS TO UPGRADE THE STREET SCAPE	
Plan reference: A-301 & L-1	

Score 2 /2

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

Heritage

C8

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 Reports

Yes No ONA	Staff Comments
Details:	-

Score N/A /3

CULTURAL SUSTAINABILITY SECTION How will the p

How will the project contribute to Port Moody's status as 'City of the Arts'?

Innovation

Performance Measure Description and Scoring

C9 Cultural sustainability aspects not captured above.

Applicant Explanation and Reference to Plans, Drawings, and Reports

Staff Comments

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

Constraints Performance Measure Description and Scoring

C10 Unique site aspects that limit cultural sustainability achievement.

Applicant Explanation and Reference to Plans, Drawings, and Reports

Staff Comments

Cultural Sustainability Score Summary

	Score
Total Cultural Pillar Points (Total Points Available – Not Including Bonus Points)	23
Total Cultural Points Not Applicable (Total Points for Items Not Relevant to this Application)	Total
Maximum Achievable Score (Total Cultural Pillar Points Minus Total Cultural Points Not Applicable)	11 Maximum
Cultural Pillar Minimum Score (Sum of Applicable Baseline Items)	5 Cultural Baseline
Total Points Achieved (Total Points Achieved for Applicable Items for this Application)	6 Total Cultural Points
Cultural Pillar Score (Total Points Achieved/Maximum Achievable Score)	6 / 11 55 %
	Points

Land Use/Employment

Performance Measure Description and Scoring

Supports walking to shops and services by improving the circulation and connectivity of the site to the retail shops and services of the relevant neighbourhood centre.

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
Use(s):	
RESIDENTIAL	
Number of jobs on-site relating to this use in operation:	_
N/A	
Proposed:	-
Use(s):	
RESIDENTIAL	
Number of jobs estimate:	
N/A	
Assumptions:	
	Score N/A /3

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

Land Use

Performance Measure Description and Scoring

EC2 Provides more intensive use of land to the allowable housing density that supports local businesses.

Applicant Explanation and Reference to Plans, Drawings, and Reports

Describe the diversification and how it is appropriate to this	Staff Comments
particular location:	
MORE NUMBER OF UNITS ARE PROPOSED ON A SINGLE	
FAMILY LOT, CREATING A SUSTAINALE LIVING AND THE	
INCREASED DENSITY WILL ALLOW INCREASED CUSTOMER	
FLOW AT LOCAL BUSINESSES. ALSO MAKING THE UNITS	
MORE AFFORDABLE	

Score 1

/1

EC1

How will the project contribute to a stronger local economy?

Land Use/Employment

Performance Measure Description and Scoring

Results in net increase in the City's property tax base.

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: SINGLE FAMILY DWELLING	
FSR: NA	-
Proposed:	-
Building type: MULTI FAMILY RESIDENTIAL	
FSR: 1.32	-
	Score 3 /3

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

Land Use

Performance Measure Description and Scoring

EC4 Project redevelops and rehabilitates a *brownfield* site.

Applicant Explanation and Reference to Plans, Drawings, and Reports

Des	cribe:	Staff Comments
NA		
		·

Score N/A /3

EC3

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

Innovation

Performance Measure Description and Scoring

EC5 Economic sustainability aspects not captured above.

Applicant Explanation and Reference to Plans, Drawings, and Reports

	Staff Comments
MORE TAXES TO GOVERMENT FOR OVERALL DE	EVELOP.

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

Constraints Performance Measure Description and Scoring

EC6 Unique site aspects that limit economic sustainability achievement.

Applicant Explanation and Reference to Plans, Drawings, and Reports

	Staff Comments
AFFORDABLE HOUSING DUE TO SMALLER UNITS	

Economic Sustainability Score Summary

	Score
Total Economic Pillar Points (Total Points Available – Not Including Bonus Points)	10 Total
Total Economic Points Not Applicable (Total Points for Items Not Relevant to this Application)	6
Maximum Achievable Score (Total Economic Pillar Points Minus Total Economic Points Not Applicable)	4 Maximum
Economic Pillar Minimum Score (Sum of Applicable Baseline Items)	7 Economic Baseline
Total Points Achieved (Total Points Achieved for Applicable Items for this Application)	4 Total Economic Points
Economic Pillar Score (Total Points Achieved/Maximum Achievable Score)	4 / 4 100 %
	Points

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

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	
O Medium ESA	
O Low ESA	
30m Stream Buffer (High Value)	
OSpecial Feature (High Value)	
Features/Species of Value:	
Means of Protection: Covenant	
Dedication	
Monitoring	
<u> </u>	
Other:	
Means of Improvement of ESA:	
	<u> </u>
	Score N/A /4

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

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 urba	anization has on birds for Staff Comments	
this project:		
LANDSCAPING IS SUCH THAT, IT;		
1. USE OF FLOWERING TREES TO HELP	FORM BIRD	
HABITATS		
2.TRY AND SCREEN WINDOWS WITH TR	EES TO FORM A	
SAFER ENVIRONMENT FOR BIRDS		
REFER L1		
	Score 2	/3

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
OUTDOOR LIGHT DESIGN WILL BE;	
1. LIGHTS UP ONLY WHEN DARK	
2.ONLY LIGHTS WALKWAYS AND PLAY AREA	
3.LIGHTS ARE IN DOWNWARD DIRECTION (DOWNLIGHTS)	
IN A LUMINAIRE FULLY SHIELDED TO AVOID GLARE	
4.LED LIGHTS ONLY MINIMIZE BLUE LIGHT EMISSIONS	

Score ³ /3

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

EN4 Project provides alternative transportation facilities for user groups of each land use type, which contributes to reducing Greenhouse Gas Emissions from this development.

Applicant Explanation and Reference to Plans, Drawings, and Reports

Staff Comments	
	Staff Comments

Score 2 /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

EN5 Project incorporates measures to support pedestrians and cyclists.

Applicant Explanation and Reference to Plans, Drawings, and Reports

Che	ck all that apply:	Staff Comments
\checkmark	Connects to existing pedestrian/cycling routes and priority	
	destinations	
	Improves local pedestrian routes, local bike networks/trails	
\checkmark	Safe, secure, accessible, and sustainable footpaths	
\checkmark	Pedestrian clearway sufficient to accommodate pedestrian flow	
\checkmark	Covered outdoor waiting areas, overhangs, or awnings	
\checkmark	Pedestrian scale lighting	
	Pedestrian/bike-only zones	
	Other:	
Site	circulation plan: A-100	
Oth	er plan references: L1	

Score ³/3

STAG

SELIN

¹ See BC Hydro's Electric Vehicle Charging Infrastructure Deployment Guidelines.

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: m ²	9.5m2 required
Garbage: 12.3 m ²	
Green Waste: m ²	
Total commercial recycling, garbage, and green waste space proposed:	
Recycling: m ²	
Garbage: m ²	
Green Waste: m ²	
Details regarding design for safety, security, and accessibility:	
	Score 2/2

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

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

EN7 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 (# 2) 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: %) 	City trees retained but on-site trees are not retained.

Site | Sustainable Landscaping – Habitat Performance Measure Description and Scoring

EN8 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	Compensation not identified in project.
Reduction to existing impervious area m ²	
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:	
COMPENSATION IN THE FORM OF FINANCIAL	
CONTRIBUTION TO THE CITY	

Score 0 /4

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:	
REFER TO L1	
	·

Score 2 /3

SEL

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 (<i>xeriscaping</i>) 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 1

12

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	
NA		
Means of supporting:		
Environmental assessment or site plan reference:		

Score 0 /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: NA		

Score 0 /10

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
NA	
Specify % of energy generated:	

Score 0 /4

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

EN14 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.
- See City of Vancouver Passive Design Toolkit for Large Buildings for other examples.

Applicant Explanation and Reference to Plans, Drawings, and Reports

Yes No	Staff Comments
Key <i>passive design</i> building elements:	-
 SITE DESIGN AND BUILDING MASSING MINIMIZES EAST AND WEST EXPOSURES TO AVOID UNWANTED SOLAR GAINS USE HEAT RECOVERY VENTILATION DURING HEATING SEASON ONLY, AND DESIGN FOR NATURAL VENTILATION 	
THROUGHOUT THE REST OF THE YEAR 3.LESS WINDOWS ON EAST AND WEST	

Score 1

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

Smart Technology

Performance Measure Description and Scoring

EN15 Project uses *smart technology* to optimize sustainable use of resources.

Ex. Automated lighting, shading, HVAC, energy/water consumption, security, etc.

Applicant Explanation and Reference to Plans, Drawings, and Reports

Details:	Staff Comments
USE OF AUTOMATED LIGHTING IN WALKWAYS, EXTERIOR ENTRANCES AND OUTDOOR AMENITY	

Score 2

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
NA	
Landscape Plan Reference:	
	Score 0 /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.	

Score 1

Stormwater and Ecology/Water Conservation Performance Measure Description and Scoring

EN18 Project incorporates landscaped roofs or living walls that also provide food/habitat for native species.

OR

Project includes on-site grey water reuse.

2 BONUS POINTS EACH

Applicant Explanation and Reference to Plans, Drawings, and Reports

Details:	Staff Comments
PROJECT INCORPORATES ABOVE GRADE LANSCAPE THAT IS ON THE PARKADE ROOF.	
	Bonus Score 0 /2

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

Environmental Monitoring

Performance Measure Description and Scoring

EN19 Project contracts with an Environmental Monitor(s) to oversee implementation of environmental sustainability measures, i.e. sustainable landscaping measures.

OR

Project employs an energy efficiency consultant.

2 BONUS POINTS EACH

Applicant Explanation and Reference to Plans, Drawings, and Reports

Details of Work Overseen/Contribution:	Staff Comments
PROJECT CONTRACTS WITH LANDSCAPE ARCHITEC FOR	
SUSTAINABLE LANDSCAPING MEASURES.	

Bonus Score 2 /2

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 Reference to Plans, Drawings, and Reports

	Staff Comments
NA	

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
NA	
NA	

Environmental Sustainability Score Summary

	Score		
Total Environmental Pillar Points (Total Points Available – Not Including Bonus Points)	57 Total		
Total Environmental Points Not Applicable (Total Points for Items Not Relevant to this Application)	4		
Maximum Achievable Score (Total Environmental Pillar Points Minus Total Environmental Points Not Applicable)	53 Maximum		
Environmental Pillar Minimum Score (Sum of Applicable Baseline Items)	24 Enviro Baseline		
Total Points Achieved (Total Points Achieved for Applicable Items for this Application)	21 Total Environment Points	tal	
Environmental Pillar Score (Total Points Achieved/Maximum Achievable Score)	21 Total Environmental Max	40 g	1/0
	Points		

Accessibility

S1

Performance Measure Description and Scoring

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).

Applicant Explanation and Reference to Plans, Drawings, and Reports

Residential	Staff Comments
% of Adaptable Units: NA	
Details:	
	-
Number of Accessible Units: 2	
Details:	
Residential Site/Common Areas and Commercial/Industrial/	
Institutional Uses:	
Details:	
	Score 2 /6

SOCIAL SUSTAINABILITY SECTION

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
PROJECT MASSING IS SUCH THAT IT IS ORIENTED EAST WEST TO AVOID LOW ALTITTUDE SUN AND REDUCE	
SHADOWS TO ADJCENT BUILDINGS	
Plan/document references:	
A-100	
	Score 1 /1

SOCIAL SUSTAINABILITY SECTION

How well does the project address community health and wellness?

Housing Diversity

Performance Measure Description and Scoring

S3 Development includes a mix of housing types.

LY STAGE

Applicant Explanation and Reference to Plans, Drawings, and Reports

	Number of Units	Staff Comments
Live-work units		
Ground-oriented units	10	
Apartment units		

Score 1

/3

Housing Diversity

Performance Measure Description and Scoring

54 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 units3-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	20%			
2-bedroom	7	70% (1 pt)			
3+ -bedroom	1	10% (2 pts)			
Flexible design features:					
THE PROPOSED UNITS VARY FROM 554 SQ.FT. FOR 1-BEDROOM TO 1433 SQ.FT. FOR 3 BEDROOM UNIT.					
10 DWELLING UNIT STACK	ED TOWNHOUSE	DEVELOPMENT			
			Score	3	/3

SOCIAL SUSTAINABILITY SECTION

How well does the project address community health and wellness?

Housing Affordability

Performance Measure Description and Scoring

S5 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:	
NA	
% of total housing units: %	
Plan reference:	

Score 0

/4

Amenities

Performance Measure Description and Scoring

S6

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

-CHILD PLAY AREAS -GATHERING PLACE/SPACE -PARK/GREENSCPACE -PUBLIC CONTRIBUTION IN LIEU (CACS) I.E., SCHOOL, LIBRARY, ARTS ETC. Plan reference: A-100 & L-1	Details:	Staff Comments
	-GATHERING PLACE/SPACE -PARK/GREENSCPACE -PUBLIC CONTRIBUTION IN LIEU (CACS) I.E., SCHOOL,	
A-100 & L-1	Plan reference:	_
	A-100 & L-1	

Score 5 /5

City of Port Moody

Amenities

Performance Measure Description and Scoring

S7 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
PLAY AREAS	No play areas proposed.
SOCIAL GATHERING PLACE	
Plan reference:	
A-100 & L-1	
	Score 1 /3

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

Inclusive Community

Performance Measure Description and Scoring

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
NA	Accessible units are being proposed.

27

Score 1

/4

S8

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:

S9

• 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

Please identify stakeholders and explain their involvement:	Staff Comments
Identify actions taken in response to stakeholder input:	
Plan references:	
	Score 0 /4

Safety

Performance Measure Description and Scoring

S10 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
CPTED principles are incorporated into the landscape design. These include: -Shrub planting heights kept down below the eye level -Lower branches of trees kept up above the eye level -Site lighting and open sight-lines for pedestrian pathways -Open sight-lines into the amenity areas and common spaces. -Open sight-lines between the street and the entrances. -All parking and pedestrian areas are well lit with street lighting and wall lights provided along all the building faces.	
Plan references:	
L-1	

Score 1

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

Education and Awareness

Performance Measure Description and Scoring

S11 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 0

SOCIAL SUSTAINABILITY SECTION

How well does the project address community health and wellness?

Innovation

Performance Measure Description and Scoring

S12 Social sustainability aspects not captured above.

Applicant Explanation and Reference to Plans, Drawings, and Reports

	Staff Comments
NA	

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

Constraints Performance Measure Description and Scoring

S13 Unique site aspects that limit social sustainability achievement.

Applicant Explanation and Reference to Plans, Drawings, and Reports

	Staff Comments
NA	
NA	

Social Sustainability Score Summary

	Score
Total Social Pillar Points (Total Points Available – Not Including Bonus Points)	35
Total Social Points Not Applicable	0
(Total Points for Items Not Relevant to this Application)	n/a
Maximum Achievable Score	34
(Total Social Pillar Points Minus Total Social Points Not Applicable)	Maximum
Social Pillar Minimum Score	7
(Sum of Applicable Baseline Items)	Social Baseline
Total Points Achieved	14
(Total Points Achieved for Applicable Items for this Application)	Total Social Points
Social Pillar Score	15 /35 43 % Total Social
(Total Points Achieved/Maximum Achievable Score)	Points Max Percent

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

Project Address/Name: 2222 Clarke Street		File No:		
PROJECT SCORE SUMMARY	Cultural	Economic	Environmental	Social
Total Pillar Points Available	23	10	57	35
Sum Of Items Not Applicable	Cultural na	Economic na	Enviro na	Social na
Maximum Achievable Score	Maximum Cultural Achievable	Maximum Economic Achievable	Maximum Enviro Achievable	Maximum Social Achievable
(Total Pillar Points – Sum of Items N/A)	11	4	53	35
Minimum Score	Minimum Cultural Score	Minimum Economic Score	Minimum Enviro Score	Minimum Social Score
(Sum of Applicable Baseline Items)	5	4	24	7
Missed Points	Missed Cultural Points	Missed Economic Points	Missed EnviroPoints	Missed Social Points
(Sum of Applicable Items Not Achieved)	5	0	32	20
TOTAL PILLAR SCORE ACHIEVED				
(Total Points Achieved out of	6 / 11 Total Cultural # Possible Cultural #	Total Economic # Possible Economic #	21 / 53 Total Enviro # Possible Enviro #	15 / 35 Total Social # Possible Social #
Applicable Items)	55 %	100 % Total Economic Percent	40 % Total Enviro Percent	43 % Total Social Percent
OVERALL SUSTAINABILITY SCORE (Sum of Four Pillars)	46 Overall #	/ 103 Dverall Possible #	45 Overall Pr	ercent %
	Cultural	Economic	Environmental	Social

SUSTAINABILITY HIGHLIGHTS	Cultural	Economic	Environmental	Social
 Priority Items (Score ≥3) Achieved and Confirmed Innovations 	+ Cultural	+ Economic	+ Environmental	+ Social
Priority Items (Score ≥3) Missed and Confirmed Constraints	– 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 <u>Map 13 of OCP</u>.

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

<u>bclaws.ca</u>

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)

<u>flap.org</u>

Invasive Species Council of Metro Vancouver

<u>iscmv.ca</u>

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

<u>gov.bc.ca</u>

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)

<u>vancouver.ca</u>