

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 Gaetan Royer	Telephone (778) 716-5399	Email gaetan@citystate.ca
Registered Owner Pal Arminder	Project Address 112 Moray Street, Port Moody	
Proposed Use Multi Family Residential and		

Total Floorspace **5043** m²

Arts

Performance Measure Description and Scoring

C1

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:

Yes, public art will be located adjacent to the heritage home in the open park on the north side of the site. A area of approximately 4'X10' will be painted with public art. The exact location and design will be determined with assistance from a public art consultant and the City's cultural services department.

Public Art Consultant:

To be determined

Plan reference:

Landscape plan (CityState Consulting) : Page 10

Staff Comments

-applicant needs to consult the Cultural Services staff with the Arts and Culture Master Plan in order to have a suitable art piece at this location

Bonus Score /1

Score /3

Arts

Performance Measure Description and Scoring

C2

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:

Yes, the architectural style of the building represents the historic use of the land, which was farmland. Being respectful of it's past use, modern farmhouse architecture featuring white siding will provide the best possible backdrop to the restored (HRA) Nielsen Residence. Interpretation panels using the same theme as the entrance piece will be installed adjacent to the heritage home and selected heritage trees. These panels will be 50% text and 50% art by the same artist.

Plan reference:

Landscape Plan (CityState Consulting) : Page 10

Staff Comments

-Interpretation panels and the entrance piece are a good start.
-staff has a concern regarding the width of the entrance from Flinn Court
-hopefully, the entrance piece will not create a visibility issue between vehicle and other traffic

Score /2

Heritage

Performance Measure Description and Scoring

C3

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:

The Nielsen Residence is a heritage building on the Port Moody Heritage Register. The small house is located near the northwest corner of site at 112 Moray. Today, the home is in a poor but restorable condition. Significant investment in the home is required in order to restore it's original beauty. The home is also proposed to be relocated to sit proudly on Moray Street and lifting it onto a new walk-out basement. Heritage consultant Hugh McLean has prepared a Heritage Conservation Plan submitted with our rezoning application. Our project team is also consulting Port Moody's Heritage Society during each phase of development.

Plan reference:

Heritage Conservation Plan by Hugh McLean Planning and Consu

Staff Comments

Need further review of the submitted conservation plan with staff from Cultural Services.

Score /4

Heritage

Performance Measure Description and Scoring

C4

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:

Donald Luxton authored the Statement of Significance, submitted with our Pre-Application.

Hugh McLean, a heritage planner with the City of Vancouver for over 20 years authored our Heritage Conservation Plan, submitted with our Rezoning Application.

Heritage Consultant:

Don Luxton and Associates - Statement of Significance
McLean Heritage Consulting - Heritage Conservation Plan

Staff Comments

Yes, the applicant did both.

Bonus Score /2 Score /2

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:

In line with numerous other restoration heritage projects completed by CityState in the past decade, we propose to restore and use as much of the original shingles, siding and window treatments as feasible. If new items are required, they will be individually and carefully sourced to ensure that we only use materials unique to that era. Historical newspaper sheets used during construction were already recovered and protected by Hugh McLean. Other items recovered during restoration will be used to inspire the public art and maybe referred to on interpretation panels.

Plan reference:

Letter of Intent, Heritage Conservation Plan

Staff Comments

Acceptable!

Score /3

Arts

Performance Measure Description and Scoring

- C6 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

 meters² / feet²

Description of space:

8 live-work units ranging in size between 470 to 790 sq.ft., with floor to ceiling windows, are proposed to serve as flex spaces for home businesses and potential lock-off suits. Since half of the live-work units feature mezzanine space and ceiling heights of 16', they are well suited as an artists private gallery space. Marketing for these units will be done in collaboration with Port Moody Arts Centre to target local artists. An oversized outdoor park of 2,500 sq.ft. is proposed to be located directly east of the heritage home. This area will provide a children's play area, public art, large green space, park benches, a majestic hemlock tree (over 80 years old) and stunning mountain views.

Staff Comments

-Staff will need to review this with Cultural Services for their further comment.

Score /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:

The Nielsen Residence is proposed to be restored and relocated to sit proudly, as heritage homes do, on Moray Street. This project includes the preservation of several healthy mature trees, over 80 years old with long lifespans to ensure retention for potentially 100's of years to come.

Modern farmhouse townhomes, are intended to incorporate, but not compete with elements of the heritage home. The white facade compliments and provides a neutral backdrop for the oversized park space and Nielsen Residence. Park benches, public art, new frontage on Moray Street are all key elements.

Plan reference:

Arborist Report, Landscape Plan : Page 10

Staff Comments

Park is communal and it is available to the property residence only.

Score 1 /2

Heritage**Performance Measure Description and Scoring**

C8

Project will apply to be added to the City's Heritage Register.

Applicant Explanation and Reference to Plans, Drawings, and Reports

☐ Yes ☐ No ☒ N/A

Details:

The Nielsen Residence, circa 1933, is already on the Heritage Register. The home once restored, under and HRA, it will feature an official heritage plaque attached to the siding, near the front entry and an artist-designed stand-sign with a paragraph of text to highlight the historical story of the house and lend education on Port Moody's rich history to passerby's.

Ref: Site Plan, Landscape Plan, Heritage Conservation Plan

Staff Comments

The building is already in the City's Heritage Register

Score 0 /3

Innovation

Performance Measure Description and Scoring

C9

Cultural sustainability aspects not captured above.

Applicant Explanation and Reference to Plans, Drawings, and Reports

	Staff Comments
The Pinda family owned the house from 1939 - 2021 and are sup	

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)	<div>23</div> <div>Total</div>
Total Cultural Points Not Applicable (Total Points for Items Not Relevant to this Application)	<div>0</div> <div>n/a</div>
Maximum Achievable Score (Total Cultural Pillar Points Minus Total Cultural Points Not Applicable)	<div>23</div> <div>Maximum</div>
Cultural Pillar Minimum Score (Sum of Applicable Baseline Items)	<div>9</div> <div>Cultural Baseline</div>
Total Points Achieved (Total Points Achieved for Applicable Items for this Application)	<div>13</div> <div>Total Cultural Points</div>
Cultural Pillar Score (Total Points Achieved/Maximum Achievable Score)	<div>13</div> <div>23</div> <div>56</div> <div>Total Cultural Points</div> <div>Max</div> <div>Percent</div>

Land Use/Employment

Performance Measure Description and Scoring

EC1

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 Very close to shops/restaurants to the north. Council has been supportive of new job creation within a new development.
Use(s): 1 vacant single family home.	
Number of jobs on-site relating to this use in operation: 0	
Proposed:	
Use(s): 28 townhomes and 1 restored heritage house.	
Number of jobs estimate: 8 (8 live-work units are proposed)	
Assumptions: Assuming that the 8 live-work spaces we propose will each have a minimum of 1-person working from home. Important to consider, the spaces are large enough for 2-4 people to work comfortably.	

Score 2 /3

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 particular location: The proposed design features 8 live-work spaces, which are easily converted to lock-off suites. The development is a 7-minute walk to Inlet Centre Station. This close proximity to rapid transit proves this is a site for job growth and makes it desirable for living several meters away from active commercial activity on St Johns Street (MRN). Approximately 65 new owners will support many of the local businesses, near to the site.	Staff Comments Agreed
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Score 1 /1

ECONOMIC SUSTAINABILITY SECTION*How will the project contribute to a stronger local economy?***Land Use/Employment****Performance Measure Description and Scoring**

EC3 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 1 residence to 30 new residences
Building type: Single-family house	
FSR: 0.02	
Proposed:	
Building type: 28 townhomes and 1 heritage house	
FSR: 1.28	

Score /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**

Describe: Of the existing 42,485 sq.ft. of the site, only about 10% of it was utilized by a home of 1,800 sq.ft., a small barn and a shed. The rest was left as unused, vacant land.	Staff Comments Not a true brownfield site and it is more of a vacant site.
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Score /3

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
-	

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
-	

Economic Sustainability Score Summary

	Score
Total Economic Pillar Points (Total Points Available – Not Including Bonus Points)	<div>10</div> <div>Total</div>
Total Economic Points Not Applicable (Total Points for Items Not Relevant to this Application)	<div></div> <div>n/a</div>
Maximum Achievable Score (Total Economic Pillar Points Minus Total Economic Points Not Applicable)	<div>10</div> <div>Maximum</div>
Economic Pillar Minimum Score (Sum of Applicable Baseline Items)	<div>7</div> <div>Economic Baseline</div>
Total Points Achieved (Total Points Achieved for Applicable Items for this Application)	<div>6</div> <div>Total Economic Points</div>
Economic Pillar Score (Total Points Achieved/Maximum Achievable Score)	<div>6</div> / <div>16</div> = <div>60</div> % <div>Total Economic Points</div> <div>Max</div> <div>Percent</div>

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

<p>Type of ESA:</p> <p><input type="radio"/> High ESA</p> <p><input type="radio"/> Medium ESA</p> <p><input type="radio"/> Low ESA</p> <p><input type="radio"/> 30m Stream Buffer (High Value)</p> <p><input checked="" type="radio"/> Special Feature (High Value)</p>	<p>Staff Comments</p> <p>will need further review by Environment and file manager</p>
<p>Features/Species of Value:</p> <p>112 Moray will be the first development in Port Moody where bat species maybe present on site will be protected.</p> <p>There is also an 80 year old Douglas Fir tree on site with a tree caliper of 1.2 m which should be protected using a covenant.</p>	
<p>Means of Protection:</p> <p><input checked="" type="radio"/> Covenant</p> <p><input type="radio"/> Dedication</p> <p><input type="radio"/> Monitoring</p>	
<p><input type="radio"/> Other:</p>	
<p>Means of Improvement of ESA:</p> <p>-</p>	

Score 1 /4

BASELINE + EARLY STAGE

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 urbanization has on birds for this project:

Aligned with the modern farmhouse style, there are many solid outer walls to avoid fatal bird collisions with glass. In places where glass has to be used, glass to be used must be collision proof - low reflectivity. The windows with muntins and mullions to avoid bird collisions as in the case of large glazed windows.

Landscape plan includes the preservation of mature trees, providing habitat and nesting areas for birds. There are also plantings of food sources for birds and insects, such as berries, pollen and other nectar sources.

Staff Comments

will need further review by Environment and file manager

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:

To minimize the effects of light pollution, sensory lights are to be installed above each individual doorway. 8 main lights distributed evenly on both sides of the drive aisle to provide safety and way finding.

Downward-casting gooseneck light fixtures and 14' high Victorian-style lamp posts and are designed to focus or dilute lighting, while minimizing spill-over or glare for the comfort of residents and visitors.

Staff Comments

To be further review

Score 1 /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

- 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

<p>Check all that apply:</p> <p><input checked="" type="checkbox"/> Short-Term Bicycle parking</p> <p><input checked="" type="checkbox"/> Long-Term Bicycle parking</p> <p><input checked="" type="checkbox"/> End-of-Trip Bicycle Facilities: Refer Architectural Design Package: Site Plan</p> <p><input checked="" type="checkbox"/> Bike share and assigned parking</p> <p><input type="checkbox"/> Co-op vehicle and assigned parking space provision</p> <p><input checked="" type="checkbox"/> Electric Vehicle plug-ins and designated spaces¹</p> <p>Plan references: Architectural Design Package: Site Plan</p>	<p>Staff Comments</p> <p>do not see EV plug in on site plan, only see underground bike parking on site plan</p>
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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

- EN5 Project incorporates measures to support pedestrians and cyclists.

Applicant Explanation and Reference to Plans, Drawings, and Reports

<p>Check all that apply:</p> <p><input checked="" type="checkbox"/> Connects to existing pedestrian/cycling routes and priority destinations</p> <p><input checked="" type="checkbox"/> Improves local pedestrian routes, local bike networks/trails</p> <p><input checked="" type="checkbox"/> Safe, secure, accessible, and sustainable footpaths</p> <p><input checked="" type="checkbox"/> Pedestrian clearway sufficient to accommodate pedestrian flow</p> <p><input type="checkbox"/> Covered outdoor waiting areas, overhangs, or awnings</p> <p><input checked="" type="checkbox"/> Pedestrian scale lighting</p> <p><input checked="" type="checkbox"/> Pedestrian/bike-only zones</p> <p><input type="checkbox"/> Other:</p> <p>Site circulation plan: Landscape Package : Page 09</p> <p>Other plan references: Site Plan and Traffic Study</p>	<p>Staff Comments</p> <p>Adjacent to Moray Street bike path</p>
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Score /3

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

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

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: Recycling: <input type="text" value="2"/> m ² Garbage: <input type="text" value="2"/> m ² Green Waste: <input type="text" value="1.8"/> m ²	Staff Comments
Total commercial recycling, garbage, and green waste space proposed: Recycling: <input type="text" value="-"/> m ² Garbage: <input type="text" value="-"/> m ² Green Waste: <input type="text" value="-"/> m ²	
Details regarding design for safety, security, and accessibility: Space for recycling and waste is provided in the garage of individual townhouse units, and enclosed underground for stacked townhouse units.	

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

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: <input checked="" type="checkbox"/> Existing mature trees protected (# <input type="text" value="11"/>) <input type="checkbox"/> Replacement tree ratio (<input type="text" value="TBD"/> : 1) • Native tree species planted on site (# <input type="text" value="TBD"/>) • Native tree species planted off site (# <input type="text" value="TBD"/>) <input checked="" type="checkbox"/> Protected/natural park areas added on site (% of total site area: <input type="text" value="5.8"/> %)	Staff Comments only 11 trees are proposed to be protected out of 65 trees on site
Arborist report: Arborist Report by Francis Klimo	

Score /3

BASELINE + EARLY STAGE

BASELINE

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
<input checked="" type="checkbox"/> Salvage replanting <input type="checkbox"/> Reduction to existing impervious area <input type="text"/> m ²	
<input checked="" type="checkbox"/> Removal of <i>invasive plant species</i> Names: Japanese Knotweed	
<input checked="" type="checkbox"/> Native/"naturescape" landscaping <input type="checkbox"/> Watercourse daylighting <input type="checkbox"/> Riparian area restoration	
<input type="checkbox"/> Other measures taken to enhance habitat or to compensate for habitat loss: The landscape plan for this project includes plant material to follow naturescape principles to provide a sustainable, ecologically sound, green and esthetically pleasing urban townhouse development. To lower the cost of strata fees for residence, we propose lush and layered native species that are low-maintenance by requiring little water and pruning, while still pleasing to the eye. Japanese Knotweed is suspected to be located on the northeast corner of the property and will be professionally removed prior to construction.	

Score /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
<p>Means of achieving (check all that apply):</p> <p><input checked="" type="checkbox"/> Absorbent landscape</p> <p><input type="checkbox"/> Roof downspout disconnection</p> <p><input type="checkbox"/> Infiltration swales and/or trenches</p> <p><input type="checkbox"/> Sub-surface chambers/detention tanks</p> <p><input checked="" type="checkbox"/> Rain gardens with native plantings</p> <p><input type="checkbox"/> Rainwater harvesting</p> <p><input type="checkbox"/> Tree well structures</p> <p><input checked="" type="checkbox"/> Green roof/wall</p> <p><input type="checkbox"/> Water quality structures</p> <p><input checked="" type="checkbox"/> Pervious paving</p> <p><input type="checkbox"/> Daylighted streams</p> <p><input checked="" type="checkbox"/> Constructed wetlands</p>	<p>Target is not identified so cannot score this page</p>
<p><input checked="" type="checkbox"/> Other:</p> <p style="padding-left: 40px;">Natural water collection pond collecting run off water</p>	
<p>References to plans and documents:</p> <p>Site Plan, Landscape Plan</p>	

Score /3

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

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:

- ☒ 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:
Contours on site help irrigation water run across the property

Plan reference:

Staff Comments

Score 1 /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:

Bats

Means of supporting:

Ecological study to be conducted and bats are proposed to be rehabilitated/protected. First project in Port Moody to conduct a bat ecological study.

Environmental assessment or site plan reference:

Ecological Study

Staff Comments

Score 2 /2

BASELINE

EARLY STAGE

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

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:** Gold equivalent

- 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:** Step 3 of Step Code

Staff Comments

staff recognize the applicant proposing Gold Equivalent for Built Green level.

Score /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:

Heat recovery ventilation system is used.

Specify % of energy generated:

Staff Comments

specific % is not completed so cannot score this one

Score /4

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

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

Key *passive design* building elements:

Three of the four townhouse buildings are designed with openings on North and South and minimal opening on East and West to provide efficient heating/cooling all year. Retained many deciduous trees. Window to wall ratio is less than 50%. Triple glazed windows avoid excessive heat gain/loss. Units designed for both hot and cold weather by employing heat exchange units, NS facing windows etc. 10" wall help in good insulating walls.

Staff Comments

Score /3

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:

Smart technology features, such as sensor LED lighting fixtures, sensory bathroom fixtures, programmable thermostats and keyless entry.

Energy Star rated appliances.

Staff Comments

Score /2

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

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

<p>Details:</p> <p>Oversized park space could include an area designated for a private community garden feature.</p> <p>A designated community garden of 175 sq.ft is located for residents to take advantage of for vegetative plant growth.</p>	<p>Staff Comments</p> <p>Will need further review of the landscape plan to see if there area for on site composting to support garden activities</p>
<p>Landscape Plan Reference: Landscape Plan</p>	

Score 1 /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

<p>BC Energy Step Code:</p> <p><input type="radio"/> Tier 1 (1 point)</p> <p><input type="radio"/> Tier 2 (2 points)</p> <p><input checked="" type="radio"/> Tier 3 (3 points)</p> <p><input type="radio"/> Tier 4 (4 points)</p> <p>Attach a copy of Port Moody Building Energy Performance Design Guidelines Checklist.</p>	<p>Staff Comments</p> <p>The design guidelines checklist is not attached</p>
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Score 3 /4

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

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:

Vertical green walls are present on the walls of Building D, live-work units. Our intent is to provide continuous connectivity from the ground to the roof for birds and other animal species to take full advantage of the green belt and it's natural habitat. Low-maintenance native plant species are planted. Bioswales is located at the North West corner of the site which will collect the site run off water before draining to the sewage network.

Staff Comments

Bonus Score /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:

An energy efficiency consultant will be retained at the Development Permit stage, to oversee the detailed building design and it's respective level of efficiency, consistent with Step 3 of the Step Code.

Staff Comments

Bonus Score /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

11 large, mature and healthy existing trees will be retained and pro	Staff Comments 11 out of 65 is still low
--	--

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
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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)		n/a	
Maximum Achievable Score (Total Environmental Pillar Points Minus Total Environmental Points Not Applicable)	57	Maximum	
Environmental Pillar Minimum Score (Sum of Applicable Baseline Items)	30	Enviro Baseline	
Total Points Achieved (Total Points Achieved for Applicable Items for this Application)	33	Total Environmental Points	
Environmental Pillar Score (Total Points Achieved/Maximum Achievable Score)	33 / 57	58	%
	Total Environmental Points	Max	Percent

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).

Applicant Explanation and Reference to Plans, Drawings, and Reports

<div>Residential</div> <div>% of Adaptable Units: 26</div>	<div>Staff Comments</div> <div>staff needs further review as it seems that the proposal does not meet the minimum 40% adaptable units.</div>
<div>Details:</div> <div>Building A(6 units) and Building B(2 units) are both adaptable units.</div>	
<div>Number of Accessible Units: 13</div>	
<div>Details:</div> <div>Building D has 4 units which are accessible live work units.</div>	
<div>Residential Site/Common Areas and Commercial/Industrial/Institutional Uses:</div> <div>8</div>	
<div>Details:</div> <div>Live-work units offer flex space that may be repurposed for low-impact industrial use.</div>	

Score 0 /6

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:

The east-west orientation of the building does not obstruct residences by shadowing. South-facing units create partial shadows on Building D and the Shopper's Drug Mart parking lot.

Building D is designed in such a way that its roofdeck provides a direct view of the mountains to the north.

Plan/document references:

Staff Comments

Score /1

Housing Diversity

Performance Measure Description and Scoring

S3 Development includes a mix of housing types.

Applicant Explanation and Reference to Plans, Drawings, and Reports

Live-work units

Ground-oriented units

Apartment units

Staff Comments

Score /3

Housing Diversity**Performance Measure Description and Scoring**

- S4 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	21	70% (1 pt)	
3+ -bedroom	9	30% (2 pts)	
Flexible design features: 8 of 28 units have the potential for being converted to lock-off suites. An additional 8 of the 28 townhouse units offer live-work or flex spaces which may also be converted to lock-off suites.			

Score /3

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: Purpose-built market rental	Staff Comments
Description: 2 individual lock-off suites in the heritage home is a proposed as a purpose-built rental unit.	
% of total housing units: <input type="text" value="6.4"/> %	
Plan reference:	

it is encouraged to include affordable housing

Score /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

<div>Details:</div> <div>All spaces present in the proposal except a child care facility :<ul style="list-style-type: none">• Community garden planter allows residents to sustainably grow their own fruits and vegetables.• Gathering place in open private park between the heritage home and Building D offers park benches for seating and a children's play area, nestled around a protected mature Douglas Fir.• Public contribution in lieu (CACs), includes public art and heritage restoration of the Nielsen Residence.</div>	<div>Staff Comments</div> <div>park is communal</div>
<div>Plan reference:</div>	

Score 5 /5

EARLY STAGE

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:

The following amenities are included:

- Accessible green roof (square footage)
- Community garden planter for residents to sustainably cultivate their own produce.
- Play area for children
- Multi-use outdoor green park space in excess of 2,500 square feet encourages social gathering and interactions.

Plan reference:

Staff Comments

Score 3 /3

Inclusive Community**Performance Measure Description and Scoring**

S8 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:

- Play area
- Social gathering place
- Each unit offer a front yard and spacious balcony
- Open park space suitable for lawn games and activities for any age.
- Quiet and scenic seating area featuring lush native specie plantings and mature trees.

Staff Comments

Needs further review with other city staff

Score 1 /4

Community Building

Performance Measure Description and Scoring

- S9 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

<p>Please identify stakeholders and explain their involvement:</p> <p>Our team, consulted residents of the Flinn Court cul-de-sac at the doorstep, early on in the process to better understand their values. We continue to consult them every step of the way.</p> <p>Chestnut trees in particular were listed as valuable assets, as many of the residents on Flinn Court cherish fond memories of picking up chestnuts at the invitation of the Pinda brothers.</p> <p>Majority of the neighbors are pleased with the design and modest density for a townhouse development, as a opposed to a 6-storey apartment complex.</p>	<h3>Staff Comments</h3>
<p>Identify actions taken in response to stakeholder input:</p> <ul style="list-style-type: none"> • Modern farmhouse architecture and design was adopted. • History of the site through the words of the neighbors will be displayed on site. • Two Chestnut trees are proposed to be preserved. • Project team to continue to consult neighbours at each phase of the development. • Our team is also consulting the Port Moody Heritage Society members for how to best restore and preserve the Nielsen Residence, in partnership with our Heritage Consultant, Hugh McLean. • Lock-off suites are added as an option to the flex, live-work space in response to direction from Council and provide new and innovative housing options, post-Covid. 	
<p>Plan references:</p>	

Score 3 /4

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

<p>Please explain:</p> <p>All townhouse unit's front yards are gated and will be provided with appropriate, sensory porch lighting.</p> <p>The centred private drive-aisle is lit by lampposts 24-hours a day.</p> <p>The sideyards feature windows and the private drive aisle has both private balconies and windows that look onto it. The project provides ample overlook to all public areas.</p>	Staff Comments
<p>Plan references:</p>	

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

<p>Describe:</p> <p>A homeowners manual will be provided to each purchaser and will include details on the design, heritage preservation and maintenance and energy-efficient sustainable features, meeting Step 3 of the Step Code. Additionally, information on recycling, and other sustainable-related activities that homeowners can partake in will be included in the purchaser's package.</p>	Staff Comments

Score /1

Innovation

Performance Measure Description and Scoring

S12

Social sustainability aspects not captured above.

Applicant Explanation and Reference to Plans, Drawings, and Reports

	Staff Comments
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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
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Social Sustainability Score Summary

	Score
Total Social Pillar Points (Total Points Available – Not Including Bonus Points)	<div>35</div> <div>Total</div>
Total Social Points Not Applicable (Total Points for Items Not Relevant to this Application)	<div>0</div> <div>n/a</div>
Maximum Achievable Score (Total Social Pillar Points Minus Total Social Points Not Applicable)	<div>35</div> <div>Maximum</div>
Social Pillar Minimum Score (Sum of Applicable Baseline Items)	<div>7</div> <div>Social Baseline</div>
Total Points Achieved (Total Points Achieved for Applicable Items for this Application)	<div>20</div> <div>Total Social Points</div>
Social Pillar Score (Total Points Achieved/Maximum Achievable Score)	<div>20</div> <div>35</div> <div>57</div> <div>Total Social Points</div> <div>Max</div> <div>Percent</div> <div>%</div>

Project Report Card Summary

FOR CITY USE ONLY – TO BE FILLED OUT BY THE PLANNER

Project Address/Name:
112 Moray Street - HRA

File No:
HRA00006

PROJECT SCORE SUMMARY

Cultural

Economic

Environmental

Social

Total Pillar Points Available

Sum Of Items Not Applicable

Maximum Achievable Score

(Total Pillar Points – Sum of Items N/A)

Minimum Score

(Sum of Applicable Baseline Items)

Missed Points

(Sum of Applicable Items Not Achieved)

TOTAL PILLAR SCORE ACHIEVED

(Total Points Achieved out of Applicable Items)

23

Cultural na

0

Maximum Cultural Achievable

23

Minimum Cultural Score

9

Missed Cultural Points

10

13 / 23
Total Cultural # Possible Cultural #

56 %
Total Cultural Percent

16

Economic na

0

Maximum Economic Achievable

16

Minimum Economic Score

7

Missed Economic Points

10

6 / 16
Total Economic # Possible Economic #

38 %
Total Economic Percent

57

Enviro na

0

Maximum Enviro Achievable

57

Minimum Enviro Score

30

Missed EnviroPoints

24

33 / 57
Total Enviro # Possible Enviro #

58 %
Total Enviro Percent

35

Social na

0

Maximum Social Achievable

35

Minimum Social Score

7

Missed Social Points

15

20 / 35
Total Social # Possible Social #

57 %
Total Social Percent

OVERALL SUSTAINABILITY SCORE

(Sum of Four Pillars)

72 / 131
Overall # Overall Possible #

55 %
Overall Percent

SUSTAINABILITY HIGHLIGHTS

Cultural

Economic

Environmental

Social

+ Priority Items (Score ≥3) Achieved and Confirmed Innovations

- Priority Items (Score ≥3) Missed and Confirmed Constraints

+ Cultural

+ Economic

+ Environmental

+ Social

- 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 term 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

bcclimatexchange.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/lightsoout/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

[metrovancover.org](#)

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

[metrovancover.org/services](#)

Metro Vancouver's Stormwater Source Control Guideline

[metrovancover.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](#)