



PROJECT TYPE: RESIDENTIAL

Date: \_\_\_\_\_

Project Address: \_\_\_\_\_

Rezoning or  
Development Permit Number: \_\_\_\_\_

Short Description of Project: \_\_\_\_\_

### Categories

Environment Page 1

Social & Cultural Page 8

Economic Page 11

Environment		Subject Area	APPLICANT		STAFF		
			Score	Explanation	Score	Comments	
REQUIRED	1	Includes a plan for <b>construction waste disposal</b> , specifying what percent of materials to be recycled. <i>See Metro Vancouver's DLC Waste Management Toolkit.</i>  <i>Recommended:</i> <i>60% of waste for demolition (by weight)</i> <i>80% of waste for construction (by weight)</i>	Waste & Materials	/1	Recycled material: = _____ % of demolition = _____ % of construction	/1	
	2	Uses construction techniques which <b>minimize site disturbance</b> (sedimentation & erosion) during the development phase.  <i>See specifications in the City's Building Permit Requirement Package.</i>	Stormwater	/1		/1	

Environment			APPLICANT		STAFF	
		Subject Area	Score	Explanation	Score	Comments
REQUIRED	3	Provides for stormwater retention & evaporation, and groundwater treatment & recharge in the <b>stormwater management plan</b> .  <i>See Metro Vancouver's Stormwater Source Control Design Guidelines.</i>	Stormwater			
			/3		/3	
REQUIRED	4	Uses <b>drought-tolerant</b> landscaping and/or <b>high-efficiency</b> or <b>captured rainwater</b> irrigation systems.	Stormwater			
			/1		/1	
REQUIRED	5	Provides plants and staked trees in accordance with the <b>BC Landscape Standard</b> .	Habitat			
			/1		/1	
REQUIRED	6	Uses <b>energy-efficient lighting</b> in individual units and common areas.	Energy Efficiency			
			/1		/1	
REQUIRED	7	Provides <b>programmable thermostats</b> in each unit.	Energy Efficiency			
			/2		/2	

Environment		Subject Area	APPLICANT		STAFF		
			Score	Explanation	Score	Comments	
REQUIRED	8	Provides <b>EnergyStar-rated</b> appliances.  See <a href="http://www.energystar.gov">www.energystar.gov</a> under 'Products'.	Energy Efficiency		Detail type of appliance:		
				/1		/1	
REQUIRED	9	Uses low-VOC (volatile organic compound) products such as <b>paints, carpeting and adhesives</b> to improve indoor air quality.	Waste & Materials				
				/1		/1	
	10	Above City requirements, provides <b>4-stream recycling collection</b> (newsprint, paper, containers, organics) in a secure common area as per Draft Metro Vancouver Recycling Space Standards (Appendix A).  <b>EARLY STAGE</b>	Waste & Materials		Recycling space proposed:  = _____ sq ft		
				/2		/2	
	11	Achieves a <b>recognized industry standard</b> for energy efficiency or sustainable design, such as LEED; BuiltGreen Gold; BC Hydro PowerSmart Gold; Energuide 82; or performance 25% better than the Model National Energy Code.  <b>EARLY STAGE</b>	Building Rating				
				/8		/8	

Environment		Subject Area	APPLICANT		STAFF	
			Score	Explanation	Score	Comments
12	<p>Provides open <b>greenspace and other greened features</b>, including landscaped common areas and walkways to green the built environment.</p> <p style="text-align: center;"><b>EARLY STAGE</b></p> <p>Provides space for <b>growing food</b> in common areas (i.e. at-grade gardens or raised planters).</p>	Habitat	/3		/3	
13	<p>Retains <b>sound original trees</b> and landscape features or provides a net gain in tree canopy and landscaped area.</p> <p style="text-align: center;"><b>EARLY STAGE</b></p> <p><i>See specifications in the City's Building Permit Requirement Package.</i></p>	Habitat	/2		/2	
14	<p>Maximizes use of passive solar design to reduce excessive heat loss/heat gain and reduce energy consumption.</p> <p style="text-align: center;"><b>EARLY STAGE</b></p> <p>Examples:</p> <ul style="list-style-type: none"> <li>• Sites/masses buildings to <b>maximize natural lighting</b> on sides with limited solar exposure.</li> <li>• Provides operable windows on two sides of units to allow <b>cross-ventilation</b>.</li> <li>• Uses <b>landscaping &amp; deciduous trees</b> to limit summertime solar gain &amp; maximize wintertime solar access.</li> <li>• Limits overall <b>amount of exterior glazing</b> to minimize seasonal heat loss/heat gain: <ul style="list-style-type: none"> <li>• If possible, state the glazed area % of envelope = _____%</li> <li><b>Recommended: Below 60%</b></li> </ul> </li> <li>• Uses exterior <b>window shading devices</b> to limit excessive solar heat gain.</li> <li>• Uses high albedo ("white roof") roofing to limit heat gain/heat island effect.</li> </ul>	Energy Efficiency	/4		/4	

Environment		Subject Area	APPLICANT		STAFF	
			Score	Explanation	Score	Comments
15	Achieves <b>building energy performance</b> above Building Code requirements. <i>EARLY STAGE</i>	Energy Efficiency	/4		/4	
16	Incorporates <b>alternative energy systems</b> , such as geo-exchange, solar, or district energy. <i>EARLY STAGE</i> <b>Example:</b> Solar or geo-exchange systems for building <b>hot water heating</b> .	Alternative Energy	/4	Specify % of energy provided:	/4	
17	Provides a <b>co-op vehicle</b> and assigned parking space as per City parking reduction incentive policy. <i>EARLY STAGE</i> Zoning By-law Section 150.74 allows a 3-space parking reduction if a co-op vehicle & space is provided. See also <a href="http://www.modocoop.com">www.modocoop.com</a> .	Transportation	/1		/1	
18	Incorporates use of <b>recycled and/or salvaged materials</b> , including those salvaged from on-site or off-site heritage buildings. Facilitates salvaging of <b>on-site heritage materials</b> by contractors or persons/groups with a heritage interest. <b>Recommended:</b> <b>Recycled</b> -- minimum 7.5%* <b>Salvaged/Refurbished</b> -- minimum 10%*. *% of total building material cost. Note also that heritage lumber/siding must be graded.	Waste & Materials	/2	Specify % of material:	/2	
19	Incorporates <b>landscaped roofs</b> on concrete buildings to improve building energy efficiency, reduce heat island effect & stormwater runoff, and create habitat & biodiversity.	Stormwater & Habitat	/3		/3	

Environment		Subject Area	APPLICANT		STAFF	
			Score	Explanation	Score	Comments
20	Provides 20 cm (8 in) of <b>topsoil</b> as finished grading for groundwater recharge and stormwater retention/evaporation.	Stormwater	/1		/1	
21	<b>Reuses existing topsoil and other soils</b> through on-site or nearby storage and topsoil screening or other related practices.	Stormwater	/1		/1	
22	Removes invasive species* and incorporates native or adaptive species which provide <b>multi-storey habitat</b> (groundcover, shrubs & trees).  <i>*Defined by Invasive Plant Council of BC <a href="http://www.invasiveplantcouncilbc.ca">www.invasiveplantcouncilbc.ca</a></i>	Habitat	/1		/1	
23	In wood-frame buildings, incorporates <b>high-efficiency HVAC systems</b> (heat recovery systems, variable speed fans, etc.).	Energy Efficiency	/2		/2	
24	Provides <b>electric plug-ins</b> to support use of electric vehicles.  <i><b>Recommended:</b> 10% of resident stalls.</i>  <i>See BC Hydro's Electric Vehicle Charging Infrastructure Deployment Guidelines</i>	Transportation	/1	% of resident stalls:	/1	

Environment		Subject Area	APPLICANT		STAFF	
			Score	Explanation	Score	Comments
25	<b>INNOVATION—</b> ENVIRONMENTAL SUSTAINABILITY ASPECTS NOT CAPTURED ABOVE:					
26	<b>CONSTRAINTS—</b> UNIQUE SITE ASPECTS WHICH LIMIT SUSTAINABILITY ACHIEVEMENT:					
	<b>TOTAL SCORE:</b> ENVIRONMENTAL ITEMS		/51		/51	

Social & Cultural		Subject Area	APPLICANT		STAFF													
			Score	Explanation	Score	Comments												
27	<p>Provides <b>adaptable housing</b> design features above City requirements. <b>EARLY STAGE</b></p> <p>Includes other adaptable housing &amp; <b>barrier-free design</b> features beyond Building Code.</p> <p><b>Examples:</b> Housing for the lifespan of all people including children &amp; parents with strollers; visitability features.</p>	Accessibility	/3	% of adaptable units:	/3													
28	<p>Provides <b>ground-oriented</b> units. <b>EARLY STAGE</b></p>	Housing	/1		/1													
29	<p>Provides a <b>diversity of unit sizes</b>. <b>EARLY STAGE</b></p>	Housing	/1	<table border="1"> <thead> <tr> <th>Unit Type</th> <th>% of Total</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Unit Type	% of Total											/1	
Unit Type	% of Total																	
30	<p>Provides long-term market or non-market <b>rental units</b>. <b>EARLY STAGE</b></p>	Housing	/5		/5													
31	<p>Includes <b>affordable market housing</b> units. <b>EARLY STAGE</b></p>	Housing	/4		/4													
32	<p>Includes a professional <b>heritage conservation plan</b>. Achieves a <b>recognized industry standard*</b> for heritage conservation.</p> <p><i>*Defined in "Standards &amp; Guidelines for the Conservation of Historic Places in Canada". See <a href="http://www.historicplaces.ca">www.historicplaces.ca</a></i></p> <p><b>EARLY STAGE</b></p>	Heritage	/4		/4													



Social & Cultural		Subject Area	APPLICANT		STAFF	
			Score	Explanation	Score	Comments
33	Includes <b>reuse of an existing heritage structure</b> through restoration or rehabilitation. May include re-location. <i>EARLY STAGE</i>	Heritage	/2		/2	
34	Includes <b>references</b> to historic site or neighbourhood character or history in the proposed architecture and/or land use.  Integrates authentic and existing <b>heritage features</b> such as signs, garden walls, gates, sidewalks, and/or heritage trees/landscaping.  <i>EARLY STAGE</i>	Heritage	/2		/2	
35	Provides <b>public amenities</b> above City voluntary amenity contribution policy (check all that apply): <i>EARLY STAGE</i> a) Child care facility b) Communal gardens c) Play areas d) Public art e) Public gathering place  f) Other _____	Amenities	/4		/4	
36	Provides <b>private amenities</b> (check all that apply): a) Accessible green roof b) Play areas c) Social gathering place  d) Other _____  <i>EARLY STAGE</i>	Amenities	/2		/2	

Social & Cultural		Subject Area	APPLICANT		STAFF	
			Score	Explanation	Score	Comments
37	<b>INNOVATION—</b> SOCIAL/CULTURAL SUSTAINABILITY ASPECTS NOT CAPTURED ABOVE:					
38	<b>CONSTRAINTS—</b> UNIQUE SITE ASPECTS WHICH LIMIT SUSTAINABILITY ACHIEVEMENT:					
	<b>TOTAL SCORE:</b> SOCIAL & CULTURAL ITEMS		/28		/28	

Economic		Subject Area	APPLICANT		STAFF	
			Score	Explanation	Score	Comments
39	Results in net increase in the City's <b>property tax base</b> .	Employment	/4		/4	
40	Creates <b>more intensive use of land</b> that supports local businesses.  <i>EARLY STAGE</i>	Land Use	/2		/2	
41	Redevelops a contaminated <b>brownfield</b> site. <i>EARLY STAGE</i>	Land Use	/4		/4	
42	Supports and/or is compatible with the <b>ongoing viability of surrounding</b> existing commercial or industrial employers.  <i>EARLY STAGE</i>  Supports <b>walking to shops &amp; services</b> by strengthening an existing/planned neighbourhood centre or broadening its current retail/service mix.	Land Use	/3		/3	
43	<b>INNOVATION—</b> ECONOMIC SUSTAINABILITY ASPECTS NOT CAPTURED ABOVE:					
44	<b>CONSTRAINTS—</b> UNIQUE SITE ASPECTS WHICH LIMIT SUSTAINABILITY ACHIEVEMENT:					
<b>TOTAL SCORE:</b> ECONOMIC ITEMS			/13		/13	

## APPENDIX A

### Draft Metro Vancouver Recycling Space Standards

*(Note: Access Standards may be added at a later date)*

In addition to storage space for the deposit and collection of garbage or refuse:

- 1.1 The minimum size of the centralized recycling storage space for multi-family residential buildings and hospitality lodgings shall be the **greater** of:
  - (a) 5 m<sup>2</sup> (53.8 sq ft) or
  - (b) the space allocation determined by multiplying the number of housing units by 0.19 m<sup>2</sup> (2.05 sq ft)
  
- 1.2 For new multi-family building construction only, the centralized recycling storage space must also include a “Flex Space” for storage of other reusable or recyclable materials. The required size of this space is 50% of the space allocation for recyclable materials specified in Section 1.1.