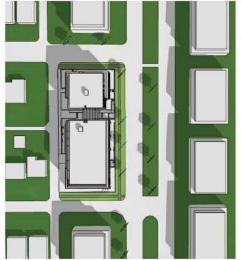
EQUINOX

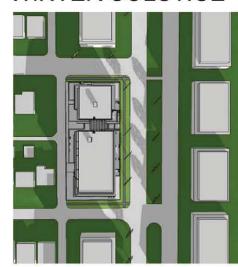


MARCH 21st 10:00 AM

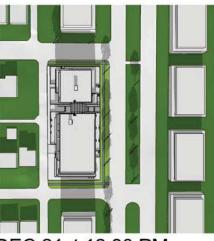


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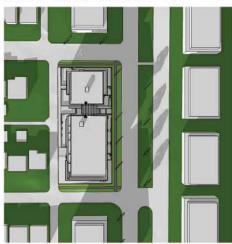
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DEC 21st 12:00 PM



DEC 21st 2:00 PM



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LEED for Homes Mid-rise Simplified Project Checklist

Builder Name:	South Street Development	
Project Team Leader (if different):	Daniel Roberts, Kane Consulting	
Home Address (Street/City/State):	61st&Cambie street, Vancouver, BC	

ct Description: Adjusted Certification Threshold

 Building type:
 Mid-rise multi-family
 # of stories:
 6
 Certified:
 35.0
 Gold:
 65.0

 # of units:
 138
 Avg. Home Size Adjustment:
 -10
 Silver:
 50.0
 Pfatinum:
 80.0

Project Point Total Final Credit Category Total Points
Freilin: 71.5 + 8 maybe pts Final: 9.5 ID: 0 SS: 7 EA: 0 EQ:
Certification Level LL: 0 WE: 0 MR: 2.5 AE:
Prellm: Gold Final: Not Certified Maintenam Point Thresholds for Mark Tenal Rading

date last updated : last updated by :		Max Pts	Project Points Preliminary				
Innovation and Design	Proces	ss	(ID) (No Minimum Points Required)		Max	Y/Pts Maybe No	Y/
1. Integrated Project Planning		1.1	Preliminary Rating		Prereg	Y	$\overline{}$
		1.2	Energy Expertise for MID-RISE		Prereg	Y	
		1.3	Professional Credentialed with Respect to LEED for Homes		1	0 0	10
		1.4	Design Charrette		1	1 0	10
		1.5	Building Orientation for Solar Design		1	0 0	10
		1.6	Trades Training for MID-RISE		1	1 0	1
2. Durability Management	_	2.1	Durability Planning		Prereg		+
Process		2.2	Durability Management		Prereq		
11.12.233		2.3	Third-Party Durability Management Verification		3	3 0	1
3.Innovative or Regional	×	3.1	Innovation #1		1	1 0	1
Design		3.2	Innovation #2		1	1 0	10
Design		3.3	Innovation #3	10	1	0 0	10
		3.4	Innovation #4	_	1	0 0	10
				or ID Category:	11	7 0	-
Location and Linkages	(LL)		(No Minimum Points Required)	OR	Max	Y/Pts Maybe No	Y
1. LEED ND	1/	1	LEED for Neighborhood Development	LL2-6	10	0 0	10
2. Site Selection	ъ.	2	Site Selection		2	2 0	1
3. Preferred Locations		3.1	Edge Development		1	0 0	1
3. Freierred Locations		3.2		LL 3.1	2	2: 0	1
		3.3	Brownfield Redevelopment for MID-RISE	LL 3.1	1	0 0	10
4. Infrastructure		4	Existing Infrastructure		1	150 150	+
						1 0	
5. Community Resources/ Transit		5,1	Basic Community Resources for MID-RISE		1	0 0	0
		5.2	Extensive Community Resources for MID-RISE	LL 5.1, 5.3	2	2 0	1
	- 3	5.3	Outstanding Community Resources for MID-RISE	LL 5.1, 5.2		0 0	0
6. Access to Open Space		6	Access to Open Space		1 1	1 0	L
		_	Notice Control	or LL Category:	10	8 0	-
Sustainable Sites (SS)			(Minimum of 5 SS Points Required) Erosion Controls During Construction	OR	Max Prerequisite	Y/Pts Maybe No	Y
Site Stewardship		1.1	Minimize Disturbed Area of Site for MID-RISE		Prerequisite 1	7 0	10
		100				7 0	0
2. Landscaping		2.1	No Invasive Plants	92,000	Prerequisite	Y	-
		2.2		SS 2.5	1	1 0	0
			Limit Conventional Turf for MID-RISE	SS 2.5	2	2 0	1
		2.4		SS 2.5	1 3	1 0	1
		2.5	Reduce Overall Irrigation Demand by at Least 20% for MID	KISE		0 0	1
3. Local Heat Island Effects		3.1	Reduce Site Heat Island Effects for MID-RISE		1	0 1	10
	1,0	3.2	Reduce Roof Heat Island Effects for MID-RISE		1	7 0	0
4. Surface Water	2	4.1	Permeable Lot for MID-RISE		2	0 0 N	0
Management		4.2			1	0 0 N	1
Tara - Fr Fr Fr Fr	26	4.3		_	2	2 0	0
5. Nontoxic Pest Control		5	Pest Control Alternatives		2	1.5 0.	0
6. Compact Development	- 9	8.1	Moderate Density for MID-RISE		2	0 0	0
		8.2		SS 6.1, 6.3	3	0 0	0
		63	Very High Density for MID-RISE	SS 6.1, 6.2	4	4 0	14
7. Alternative Transportation		7.1	Public Transit for MID-RISE		2	2 0	10
		7.2	Bicycle Storage for MID-RISE		1	1 0	0
		7.3	Parking Capacity/Low-Emitting Vehicles for MID-RISE		1	1 0	10
				r SS Category:	22	17.5 1	7

			Sub-Total for SS	Category:	22	17.5	7	
					Max		oject Po iminary	int
Water Efficiency (WE)			(Minimum of 3 WE Points Required)	OR	Max	Y/Pts I		
1. Water Reuse	36	- 1	Water Reuse for MID-RISE		5	0	0	1
2. Irrigation System	76	2.1	High Efficiency Irrigation System for MID-RISE	WE 2.2	2	2	0	-
,	×	2.2	Reduce Overall Irrigation Demand by at Least 45% for MID-RIS		2	0	0	_
3. Indoor Water Use		3.1	High-Efficiency Fixtures and Fittings	1000	3	0	0	-
		3.2	Very High Efficiency Fixtures and Fittings		6	-6	0	_
		3.3	Water Efficient Appliances for MID-RISE		2	2	0.	
			Sub-Total for W	E Category:	15	10	0	
Energy and Atmosphere	e (E/	4)	(Minimum of 0 EA Points Required)	OR	Max	Y/Pts	Maybe N	10
1. Optimize Energy Performance		1.1	Minimum Energy Performance for MID-RISE		Prereq	Y		T
		1.2	Testing and Verification for MID-RISE		Prereq	Y		
		1.3	Optimize Energy Performance for MID-RISE		34	9	0	
7. Water Heating	3.	7.1	Efficient Hot Water Distribution		2	0	2	
The second second second second	-	7.2	Pipe Insulation		1.	0	0	
11. Residential Refrigerant		11.1	Refrigerant Charge Test		Prereq	Y.		
Management		11.2	Appropriate HVAC Refrigerants		1	1	0	
			Sub-Total for E.	A Category:	38	10	2	
Materials and Resource	s	(MR)	(Minimum of 2 MR Points Required)	OR	Max	Y/Pts	Maybe N	10
1. Material-Efficient Framing		1.1	Framing Order Waste Factor Limit		Prereq			П
		1.2	Detailed Framing Documents	MR 1.5	1	0	0	
		1.3	Detailed Cut List and Lumber Order	MR 1.5	1 1	0	0	_
		1.4	Framing Efficiencies Off-site Fabrication	MR 1.5	3 4	0	1.	-
					Prereg	0	0	-
2. Environmentally Preferable Products	2	21	FSC Certified Tropical Wood Environmentally Preferable Products		Prereq 8	5	.0	-
	о.	3.1			Prereq	- 5	u	-
3. Waste Management		3.1	Construction Waste Management Planning Construction Waste Reduction		3	2.5	0	-
		3.2		0.0.1	16	7.5	7	
			Sub-Total for Mi					
					0161	19775		-
Indoor Environmental C	Quali	ty (E		OR	Max		Maybe N	lo .
2. Combustion Venting	Quali	2	Basic Combustion Venting Measures		Max Prereq	Y/Pts	Maybe N	ło I
2. Combustion Venting 3. Moisture Control	Quali	2 3	Basic Combustion Venting Measures Moisture Load Control		Prereq 1	_	Maybe N	ło
2. Combustion Venting	Quali	3 4.1	Basic Combustion Venting Measures Moisture Load Control Basic Outdoor Air Ventilation for MID-RISE		Prereq 1 Prereq	Y		ło
2. Combustion Venting 3. Moisture Control		2 3 4.1 4.2	Basic Combustion Venting Measures Moisture Load Control Basic Outdoor Air Ventilation for MID-RISE Enhanced Outdoor Air Ventilation for MID-RISE		Prereq 1 Prereq 2	Y 0 Y 2	0	40
Combustion Venting Moisture Control Outdoor Air Ventilation		2 3 4.1 4.2 4.3	Basic Combustion Venting Measures Moisture Load Control Basic Outdoor Air Ventilation for MID-RISE Enhanced Outdoor Air Ventilation for MID-RISE Third-Party Performance Testing for MID-RISE		Prereq 1 Prereq 2 1	Y		ło
2. Combustion Venting 3. Moisture Control		2 3 4.1 4.2 4.3 5.1	Basic Combustion Venting Measures Moisture Load Control Basic Outdoor Air Ventilation for MID-RISE Enhanced Outdoor Air Ventilation for MID-RISE Third-Party Performance Testing for MID-RISE Basic Local Exhaust		Prereq 1 Prereq 2 1 Prerequisite	Y 0 Y 2	0	ło
Combustion Venting Moisture Control Outdoor Air Ventilation	8.	2 3 4.1 4.2 4.3 5.1 5.2	Basic Combustion Verting Measures Moisture Load Control Basic Outdoor Air Ventilation for MID-RISE Enhanced Outdoor Air Ventilation for MID-RISE Third-Party Performance Testing for MID-RISE Basic Local Exhaust Enhanced Local Exhaust		Prereq 1 Prereq 2 1 Prerequisite 1	Y 0 Y 2 1 Y 1	0 0 0	40
Combustion Venting Moisture Control Outdoor Air Ventilation Local Exhaust	8.	2 3 4.1 4.2 4.3 5.1 5.2 5.3	Basic Combustion Verting Measures Ministure Load Control Basic Quidoor Air Ventilation for MID-RISE Enhanced Quidoor Air Ventilation for MID-RISE Third-Party Performance Testing for MID-RISE Basic Local Exhaust Enhanced Local Exhaust Enhanced Local Exhaust		Prereq 1 Prereq 2 1 Prerequisite 1	Y 0 Y 2	0	ło
Combustion Venting Moisture Control Outdoor Air Ventilation Local Exhaust Distribution of Space	>	2 3 4.1 4.2 4.3 5.1 5.2 5.3 6.1	Basic Combustion Verting Measures Miloisture Load Control Basic Outdoor Air Ventilation for MID-RISE Enhanced Outdoor Air Ventilation for MID-RISE Thited-Party Performance Testing for MID-RISE Basic Local Exhaust Enhanced Local Exhaust Third-Party Performance Testing Room-by-Room Load Calculations		Prereq 1 Prereq 2 1 Prerequisite 1	Y 0 Y 2 1 Y 1	0 0 0	do
Combustion Venting Moisture Control Outdoor Air Ventilation Local Exhaust	>	2 3 4.1 4.2 4.3 5.1 5.2 5.3	Basic Combustion Verting Measures Ministure Load Control Basic Outdoor Air Ventilation for MID-RISE Enhanced Outdoor Air Ventilation for MID-RISE Third-Party Performance Testing for MID-RISE Basic Local Exhaust Enhanced Local Exhaust Enhanced Local Exhaust Intid-Party Performance Testing Room-by-Room Load Calculations Return Air Flow / Room by Room Controls		Prereq 1 Prereq 2 1 Prerequisite 1 1 Prereq	Y 0 Y 2 1 Y 1	0 0 0 0 0	ło
2. Combustion Venting 3. Moisture Control 4. Outdoor Air Ventilation 5. Local Exhaust 6. Distribution of Space Heating and Cooling	>	2 3 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2	Basic Combustion Verifing Measures Ministure Load Control Basic Outdoor Air Ventilation for MID-RISE Enhanced Outdoor Air Ventilation for MID-RISE Enhanced Outdoor Air Ventilation for MID-RISE Thiti-Party Ferformance Testing for MID-RISE Basic Local Enhaust Enhanced Local Enhaust Thiti-Party Performance Testing Room-by-Room Load Calculations Return Air Flow / Room by Room Controls Thiti-Party Performance Test Multiple Zones		Prereq 1 Prereq 2 1 Prerequisite 1 1 Prereq 1	Y 0 Y 2 1 Y 1	0 0 0	ło
Combustion Venting Moisture Control Outdoor Air Ventilation Local Exhaust Distribution of Space	>	2 3 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3	Basic Combustion Venting Measures Ministure Load Control Basic Outdoor Air Ventilation for MID-RISE Enhanced Outdoor Air Ventilation for MID-RISE Third-Party Performance Testing for MID-RISE Basic Local Exhaust Enhanced Local Exhaust Enhanced Local Exhaust Intid-Party Performance Testing Room-by-Room Load Calculations Return Air Flow / Room by Room Controls Third-Party Performance Test / Multiple Zones Good Filters		Prereq 1 Prereq 2 1 Prerequisite 1 Prerequisite 1 2	Y 0 Y 2 1 Y 1	0 0 0 0 0	ło
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2. Combustion Venting 3. Moisture Control 4. Outdoor Air Ventilation 5. Local Exhaust 6. Distribution of Space Heating and Cooling 7. Air Filtering 8. Contaminant Control 9. Radon Protection	* *	2 3 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.1 7.2 7.3 8.1 8.2 8.3	Basic Combustion Verting Measures Molisture Load Control Basic Outdoor Air Venitation for MID-RISE Enhanced Outdoor Air Venitation for MID-RISE Enhanced Coale Enhance Teating for MID-RISE Basic Local Enhance Enhanced Load Enhance Third-Party Performance Teating Room-by-Room Load Calculations Return Air Flow Room by Room Controls Third-Party Performance Teats / Multiple Zones Good Filters Best Filters Indoor Contaminant Control during Construction Indoor Contaminant Control for MID-RISE Radon-Resistant Construction in High-Risk Areas Radon-Resistant Construction in Moderate-Risk Areas	OR	Prereq 1 Prereq 2 1 Prerequisite 1 1 Prereq 1 2 Prereq 1 2 Prereq 1 2 Prereq 1 1 1 1 1 1 1 Prereq 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Y 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	do .
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2. Combustion Venting 3. Moisture Control 4. Outdoor Air Ventilation 5. Local Exhaust 6. Distribution of Space Heating and Cooling 7. Air Filtering 8. Contaminant Control 9. Radon Protection	* * *	2 3 4.1 42 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.1 7.2 7.3 8.1 8.2 8.3 9.1 9.2 10.1 10.2	Basic Combustion Vertining Measures Ministrue Load Control Basic Quidoor Air Ventilation for MID-RISE Enhanced Quidoor Air Ventilation for MID-RISE Third-Party Performance Teesing for MID-RISE Basic Local Exhaust Enhanced Local Exhaust Entern Air Pow (Room by Room Controls Third-Party Performance Teest / Multiple Zones Good Filters Better Filters Better Filters Better Filters Enter Fi	OR	Prereq	Y 0 Y 2 1 1 1 1 2 Y 0 0 N/A 0 Y 0 0	0 0 0 0 0 0 0 0 0 0 1 1 0 0 2	40
2. Combustion Venting 3. Moisture Control 4. Outdoor Air Ventilation 5. Local Exhaust 6. Distribution of Space Heating and Cooling 7. Air Fittering 8. Contaminant Control 9. Radon Protection 10. Garage Pollutant Protection	* * *	2 3 4.1 42 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.1 7.2 7.3 8.1 8.2 8.3 9.1 9.2 10.1 10.2 10.3	Basic Combustion Vertining Measures Ministrue Load Control Basic Outdoor Air Venitation for MID-RISE Enhanced Outdoor Air Venitation for MID-RISE Third-Party Performance Testing for MID-RISE Basic Local Exhaust Enhanced Local Exhaust Enhanced Local Exhaust Enhanced Local Exhaust Enhanced Local Exhaust Intird-Party Performance Testing Room-by-Room Load Calculations Return Air Flow (Room by Room Controls Third-Party Performance Test / Multiple Zones Good Filters Best Filters Best Filters Best Filters Best Filters Best Filters Indoor Contaminant Control for MID-RISE Preoccupancy Flush Radon-Resistant Construction in High-Risk Areas Radon-Resistant Construction in High-Risk Areas Radon-Resistant Construction in Mederate-Risk Areas NetWork In Serge for MID-RISE Minimize Pollutants from Garage for MID-RISE	OR EQ 7.3	Prereq	Y 0 1 1 1 2 Y 0 0 0 N/A 0 V 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	40
2. Combustion Venting 3. Moisture Control 4. Outdoor Air Ventilation 5. Local Exhaust 6. Distribution of Space Heating and Cooling 7. Air Filtering 8. Contaminant Control 9. Radon Protection 10. Garage Pollutant Protection 11. ETS Control	* * *	2 3 4.1 4.2 4.3 5.1 5.2 5.3 6.1 7.2 7.3 8.1 8.2 8.3 9.1 9.2 10.1 10.2 10.3 11	Basic Combustion Verting Measures Molisture Load Control Basic Outdoor Air Venitation for MID-RISE Enhanced Outdoor Air Venitation for MID-RISE Third-Party Performance Teating for MID-RISE Basic Local Exhaust Third-Party Performance Testing Room-By-Room Load Caliculations Return Air Flow I Room by Room Controls Third-Party Performance Testing Room-By-Room Load Caliculations Return Air Flow I Room by Room Controls Third-Party Performance Test / Multiple Zones Good Filters Better Filters Better Filters Indoor Contaminant Control during Construction Indoor Contaminant Control of MID-RISE Radon-Resistant Construction in High-Risk Areas Roof-Resistant Construction in Moderate-Risk Areas No HYAC in Garage for MID-RISE Detached Garage or No Garage for MID-RISE Detached Garage or No Garage for MID-RISE	OR EQ 7.3	Prereq 1 Prereq 2 1 Prerequisite 1 1 Prereq 1 2 Prereq 1 2 Prereq 1 2 Prereq 1 2 1 Prereq 1 2 1 Prereq 1 1 1 Prereq 1 1 1 Prereq 1 1	Y 0 Y 1 1 Y 1 1 Y 1 1 O O O O O O O O O O O	0 0 0 0 0 0 0 0 0 0 1 1 0 0 2	40
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NOTES NO DESCRIPTION

REVISIONS

NO. DATE REMARKS

1. AUGUST 1st, 2013 CLIENT REVIEW.
2. NOVEMBER 18th, 2013 ISSUED FOR RZ.



CAMBIE AND 61ST VANCOUVER, B.C.

MIXED USE RENTAL BUILDING

SHADOW STUDY AND LEED CHECK - LIST

DATE NOVEMBER 8sh, 20
DRAWN BY RC
CHECKED BY DE - AB
SCALE NTS
JOB NUMBER 1237

A-1.05