

Chicago Green Homes Program

Project Checklist

Date : 07/05/09

Instructions for Checklist

Reference the Chicago Green Homes Program Guide for details and requirements for the items listed in this Checklist.
Submit completed Checklist with supporting documentation for both Enrollment and Certification Reviews.

Please submit all documents to:

ChicagoGreenHomes@cityofchicago.org

or mail to

Chicago Green Homes Program
Chicago Department of Environment
30 North Lasalle Street, 25th Floor
Chicago, Illinois 60640

Project Contact : Marcus de la fleur

Email Address :

Phone Number :

Project Type: Multi-Family (less than 80 feet in height)

Project Address : 3141 W. 15th Street

Tax ID (PIN) :

Construction Type: Renovation

Check Appropriate Box

☒ Enrollment

☐ Certification

DOB Green Permit Program Menu Items (If Applicable) :

- 1 Renewable Energy
- 2 Exceptional Water Management
- 3 Exceptional Bike Parking

Multi-Family Renovation Checklist

CGH Rating	★	★★	★★★
Required Points	200	250	300

	Applicant Points	Enrollment Review Points	Audit Points	Certification Review Points
100 Sustainable Sites	73			
200 Energy Efficiency	215			
300 Materials	41			
400 Health and Safety	53			
500 Resource Conservation	58			
600 Homeowner Education	0			
700 Innovation	0			
Total Points	440			

	Possible Points	Feature	Drawing Sheet or Spec Number	Applicant Points	Applicant Comments
Sustainable Sites					
Erosion & Sedimentation Control					
100.R1	0	Design site for erosion and sedimentation control		0	
Site Selection					
110.1	20	Rehabilitate an existing building: (15 pts) Re-use of 75% structure and shell OR (20 pts) Re-use of 75% structure, shell and exterior finish		0	go through calculations to see if I can comply
110.2	5	Develop/Redevelop an infill site within an Empowerment Zone or TIF district		0	research if I fall within the Empowerment Zone or TIF District
110.4	5	Develop a site within 1/4 mile of community-based open space		5	
Alternate Transportation					
120.1	7	Develop a site within 1/2 mile of public transportation		7	
120.2	7	Provide bicycle securing areas exceeding that required by zoning		7	
120.3	2	Provide accommodations for alternative fuel vehicles		0	look into parking stall allocations
120.4	5	Provide preferred parking for carpooling or a car sharing program		0	look into parking stall allocations
Reduced Site Disturbance					
130.1	5	Protect/restore habitat areas within the site (25% min. of site area)		5	
130.2	5	Conserve on-site vegetated open space		5	
130.3	10	Encourage on-site produce gardening		10	
130.4	5	Design for bird safety		0	investigate further
Stormwater Management					
140.R1	0	Capture and reuse stormwater on-site		0	
140.1	7	Reduce site's overall net imperviousness (NI): Sites currently above 50% NI; decrease NI by 25% OR Sites currently at or below 50% NI; do not increase NI		7	
140.2	10	Remove 80% total suspended solids (TSS) from stormwater runoff		10	
140.3	8	Install raingardens to reduce stormwater runoff		8	
140.4	5	Use permeable materials for at least 40% of driveways, patios, and walkways		0	develop site plan to determine amount and location of pavement
Heat Island Reduction					
151.1	7	Provide shade for at least 40% of non-roof impervious surfaces (within 5 years)		0	develop site plan to determine applicability
151.2	7	Use materials with a solar reflectance index (SRI) of 29 for at least 40% of non-roof impervious surfaces		0	investigate further (may become redundant with green roof)
151.3	7	Provide covered parking for at least 50% of spaces		0	develop site plan to see if applicable
151.4	5	Provide 50% pervious material for at least 50% of non-covered parking area		5	
152.1	8	Use roofing materials with a high solar reflectance index (SRI) for at least 75% of total roof area		0	redundant with green roof?
152.2	20	Provide a green roof system (10% min. of total roof area): (4 pts) 10% of total roof area OR (8 pts) 20% of total roof area OR (12 pts) 30% of total roof area OR (16 pts) 40% of total roof area OR (20 pts) 50% or greater of total roof area		4	investigate the phasing of green roof
Light Pollution Reduction					
160.1	5	Design lighting to reduce light pollution: (3 pts) Full cut-off exterior lighting fixtures - SF only - OR (5 pts) Incorporate all performance-based lighting measures		0	develop lighting plan to determine applicability
Total Sustainable Sites Points:				73	
Energy Efficiency					
Minimum Energy Efficiency					
200.R1	0	Chicago Energy Conservation Code, Chapter 18-13		0	

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200.R2	0	Achievement of a minimum of the minimum number of required points within the 200 - Energy Efficiency category of the Chicago Green Homes Program		0	
200.R3	0	HVAC system commissioning (common mechanical systems only)		0	not applicable to this project (no HVAC system)
Energy Use Reduction					
210.1	40	Home Energy Star rating: (30 pts) Energy Star criteria (Energy Index of 85 or lower OR Energy Star Builder's Option Package) OR (40 pts) Energy Star criteria (Energy Index of 75 or lower)		40	
210.2	40	LEED certification: (10 pts) LEED Certified OR (20 pts) LEED Silver OR (30 pts) LEED Gold OR (40 pts) LEED Platinum		0	check LEED for Homes checklist
210.3	20	Meet ILDCEO Minimum Energy Standards		20	
210.4	10	Optimize building and window orientation for passive solar heating (≥ 20% of space heating requirement)		0	develop energy model to determine if applicable
210.5	8	Optimize building and window orientation to reduce summer solar heat gain		0	develop energy model to determine if applicable
210.6	10	Provide overhangs and/or shading devices to reduce summer solar heat gain through south-facing windows		10	
210.7	50	Exceed Chicago Energy Conservation Code per Simulated Performance Alternative criteria: (1 pt for each 1%; 50 pts max.)		20	
Exterior Walls					
211.1	10	Reduce thermal bridging continuous envelope insulation: (5 pts) R-5 min. (90% min. net wall area) OR (10 pts) R-10 min. (90% min. net wall area)		0	not applicable to this project
211.2	10	Reduce thermal bridging with insulated headers (R-13 min.)		0	not applicable to this project
211.3	8	Minimum R-21 exterior wall insulation or equivalent wall assembly R-value		0	not applicable to this project
Air Sealing					
212.1	10	Advanced air sealing		10	
212.2	10	Blower door test not to exceed 0.25 CFM50/ft2 of building envelope area		10	
212.3	6	Sill plate gasket (wood frame construction only): (3 pts) Sill plate sealed with gasket OR (6 pts) Sill plate sealed with gasket with integral moisture barrier		0	not applicable to this project
Attic & Roof					
213.1	8	Minimum R-52 roof insulation or equivalent roof assembly R-value		8	
Foundations					
214.1	10	Foundation Systems: Insulated precast concrete foundation (R-19 or greater foundation wall assembly)		0	not applicable to this project
214.2	8	Foundation Systems: Insulated Concrete Forms (ICFs) (R-19 or greater foundation wall assembly)		0	not applicable to this project
214.3	15	Foundation Systems: Frost-protected shallow foundation (FPSF)(R-19 or greater foundation wall assembly)		0	not applicable to this project
214.4	12	Minimum R-15 Basement foundation insulation: (8 pts) Full height interior foundation wall insulation to R-15 OR (12 pts) R-15 Insulated exterior or interior foundation wall to the footer		0	investigate if and how this could become applicable
214.5	8	Minimum R-20 Conditioned crawl space foundation insulation		0	not applicable to this project
214.6	8	Minimum R-15 slab-on-grade insulation: (4 pts) R-15 full slab edge insulation and first 6' of slab perimeter OR (8 pts) R-15 slab edge and full slab insulation		0	not applicable to this project
Windows					
215.1	10	NFRC rated high-performance windows (75% of window area): (5 pts) Window unit U-value ≤ .31; (10 pts) Window unit U-value ≤ .28		10	
215.2	3	NFRC rated window with SHGC value no higher than 0.55 (75% of window area)		0	determine if solar heat gain is desired (passive solar) or not
215.3	5	Use heat gain and/or heat loss reduction strategies on windows		0	determine if solar heat gain is desired (passive solar) or not
Mechanical Systems					
220.2	20	Active solar heating system: (5 pts) 5% min. (10 pts) 10% min. (15 pts) 15% min. OR (20 pts) 20% min. of space heating requirement		20	
220.3	20	Ground-source heat pump system: (15 pts) Space heating only OR (20 pts) Space heating, domestic hot water and air conditioning		0	would geothermal (for dehumidification and cooling) be applicable?
220.4	10	Air-source heat pump system (8.2 HSPF or greater)		0	not applicable to this project
Furnace					
221.1		High efficiency furnace (Choose 1: 221.1.1 OR 221.1.2)			
221.1.1	5	92% or greater AFUE (≥ 50% total space heating load) OR		0	may apply to backup furnace - investigate
221.1.2	10	Direct vent 92% or higher energy efficiency furnace (≥ 50% total space heating load)		0	may apply to backup furnace - investigate
221.2	5	Meet's GAMA's rating for electrical efficiency for air handlers (90% or greater AFUE furnaces only)		0	not applicable to this project
221.3	5	Include direct vent combination heater - domestic hot water/space heat (CAE ≥ 0.8)		0	not applicable to this project
221.4	8	Duct system designed and sized using load calculations		0	may apply to ventilation system - investigate

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221.5		Air Return System (Choose 1: 221.5.1 OR 221.5.2)			
221.5.1	4	Transfer grilles or insulated jump ducts OR		0	may apply depending of ventilation system configuration
221.5.2	8	Hard-ducted return air system for all bedrooms		0	may apply depending of ventilation system configuration
221.6	6	Duct leakage test (10% maximum of total system airflow)		0	may apply depending of ventilation system configuration
221.7	3	All duct work located in conditioned space		0	may apply depending of ventilation system configuration
221.8	1	Modulating gas valve (90% or greater AFUE furnaces only)		0	not applicable to this project
Boilers					
222.1	11	Direct vent 90% or greater AFUE boiler		0	may apply to backup boiler - investigate
222.2	12	Hydronic radiant floor heating system (with R-15 slab insulation): (6 pts) basement only (or for 25% of gsf of home/unit) OR (12 pts) entire building		0	may apply to basement
222.3	1	Modulating gas valve (88% or greater AFUE boilers only)		0	not applicable to this project
222.4	10	Outdoor boiler reset control with automatic cut-off		0	may apply? - investigate
Air Conditioning					
223.1	7	SEER 14 or greater air conditioner (with R410A or other non-HCFC refrigerant)		0	not applicable to this project
223.2	4	Multi-stage condensing unit for air conditioning		0	not applicable to this project
Other					
224.1	6	Locate individual or central furnace/ boiler to middle 1/3 of building or unit		0	develop utility layout to determine if applicable
224.2	7	Use passive or energy-efficient assisted stack ventilation with the building or unit		0	may apply depending of ventilation system configuration
224.3	3	Energy Star qualified programmable thermostat		3	
224.4	5	Zoned heating and/or cooling within unit (Zones < 1000 sf): (5 pts) Zoned heating and/or cooling with separate systems OR (5 pts) Single heating and/or cooling system with multiple thermostats		5	
224.5	6	Ceiling fans: (3 pts) One Energy Star qualified ceiling fan installed OR (6 pts) Two Energy Star rated ceiling fans installed		6	
224.6	15	Building automation system (BAS)		0	
224.7	10	Energy Star qualified rooftop HVAC units		0	not applicable to this project
Water Heating					
230.1	20	Solar domestic hot water system (≥ 50% of annual hot water needs)		20	
230.2	7	Provide rough-in for solar domestic hot water system		0	
230.3	5	Water heater (0.62 or greater EF): (3 pts) Standard storage type gas water heater OR (5 pts) Direct vent sealed combustion standard storage type gas water heater		0	may apply to backup boiler - investigate
230.4	3	Drain waste heat recovery system		3	
230.5	10	Tankless water heaters: (10 pts) Direct vent or powered vented gas-fired tankless water heater (≥ 0.8 EF) OR (10 pts) Electric tankless water heater (≥ 0.99 EF)		0	may apply as backup system
230.6	2	Point-of-use hot water system at farthest location from water heater		0	not applicable to this project
230.7	5	Side arm water heater off of boiler (88% or greater AFUE boilers only)		0	not applicable to this project
230.8	3	Water heater located near dishwasher and clothes washers (within 20 feet of each)		3	
230.9	6	Water pipe insulation: (4 pts) Insulate all hot water lines with standard flexible pipe insulation or better (R-3 in conditioned space, R-6 in unconditioned space); AND/OR (2 pts) Insulate all cold water lines with standard flexible pipe insulation or better		6	
Appliances					
240.R1	0	Energy Star qualified major appliances (when major appliances are provided)		0	
240.1	50	Solar electric system: (10 pts) 1200 watts min. (20 pts) 2400 watts min. (30 pts) 3600 watts min. (40 pts) 4800 watts min. OR (50 pts) 6000 watts min. DC installed (per unit)		0	determine if PV is part of phase 1 or 2
240.2	5	Provide rough-in for future photovoltaic or wind turbine system		5	
240.3	50	Wind turbine: (5 pts) 0.5 kW min. system installed (per unit) (10 pts) 1kW system (20 pts) 2 kW system (30 pts) 3 kW system (40 pts) 4 kW system OR (50 pts) 5 kW system (per unit)		0	may be part of phase 2 if 120' tower can be permitted
240.4	3	Gas range with electronic ignition (when appliances are included)		3	
240.5	3	Provide gas rough-in for clothes dryer and/or range (when appliances are not included)		0	
240.6	2	Provide energy efficient appliances list to owner/occupant (when appliances are not included)		0	
Lighting					
250.1	3	Solar-powered walkway or outdoor area lighting		3	
250.2	9	Energy efficient lighting: (9 pts) Install Energy Star Advanced Lighting Package ALP OR (9 pts) Install Energy Star qualified lamps (light bulbs) in 80% of fixtures		9	
250.3	6	Automatic lighting control system		0	may apply depending on lighting system set up

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Email Address :		Tax ID (PIN) :		☒ Enrollment	1 Renewable Energy
Phone Number :		Construction Type:	Renovation	☐ Certification	2 Exceptional Water Management
Project Type:	Multi-Family (less than 80 feet in height)				3 Exceptional Bike Parking

	Possible Points	Feature	Drawing Sheet or Spec Number	Applicant Points	Applicant Comments
250.4	3	Recessed can lighting: (2 pts) Use air tight, insulation contact (IC) rated can lighting OR (3 pts) No recessed can lighting		0	try to go with no recessed can lighting (3 points)
250.5	8	Purchase renewable energy certificates (1 year)		0	
250.6	1	Light colored interior walls, ceiling and soffits		1	
250.7	8	Light shelves (50% min. of significant living areas)		0	investigate if applicable and usefull
250.8	5	Skylights/light tubes (U-value ≤.65; Provided for ≥ 25% of significant living areas)		0	would need fibre optic product
Elevators					
260.1	15	Elevators: (2 pts) Per hydraulic elevator using biodegradable fluids (max. of 3) OR (5 pts) Per gearless elevator (max. of 3)		0	not applicable to this project
Total Energy Efficiency Points:				215	
Materials					
Foundation					
310.1	2	Coal fly ash (class 'C') concrete		0	not applicable to this project
310.2	2	Recycled concrete or glass cullet for concrete aggregate		0	not applicable to this project
310.3	1	Solvent-free damp proofing		0	not applicable to this project
310.4	2	Aluminum foundation forms		0	not applicable to this project
310.5	1	Recycled-content expansion joint filler (≥ 50% recycled content)		0	not applicable to this project
310.6	2	Use vegetable oil release agents on all forms used for concrete		0	not applicable to this project
Structural Frame					
321.1		Above-grade wall systems (Choose 1: 321.1.1 OR 321.1.2 OR 321.1.3 OR 321.1.4 OR 321.1.5 OR 321.1.6)			
321.1.1	7	Engineered wood for exterior wall framing (≥ 90% of stud-framed wall area) OR		0	not applicable to this project
321.1.2	11	Insulated concrete forms (ICF's)(≥ 80% of conditioned wall area above grade) OR		0	not applicable to this project
321.1.3	11	Precast insulated concrete panels (≥ 80% of conditioned wall area above grade) OR		0	not applicable to this project
321.1.4	20	Advanced framing techniques (e.g. 2"x 6" at 24" o.c.)(≥ 90% of exterior stud-framed wall area) OR		0	not applicable to this project
321.1.5	25	Structural insulated panels (SIPS)(≥ 75% of walls) OR		0	not applicable to this project
321.1.6	3	Light-gauge steel studs for exterior wall framing (≥ 90% of exterior stud-framed wall area)		0	not applicable to this project
321.2	5	FSC certified sustainably harvested lumber (≥ 90% of total stud wall area)		0	probably use of 100% reclaimed lumber (rebuild exchange)
322.1		Roof Systems (Choose 1: 322.1.1 OR 322.1.2)			
322.1.1	7	Engineered wood for roof framing (≥ 90% of roof area) OR		0	may apply with green roof
322.1.2	10	Structural insulated panels (SIPs) (≥ 75% of total roof area)		0	not applicable to this project
322.2	5	FSC certified sustainably harvested lumber for roof framing (≥90% of roof area)		0	probably use of 100% reclaimed lumber (rebuild exchange)
323.1	7	Engineered wood for floor framing (≥ 90% of floor area)		0	not applicable to this project
323.2	5	FSC certified sustainably harvested lumber for floor framing (≥90% of floor area)		0	probably use of 100% reclaimed lumber (rebuild exchange)
324.1	7	Oriented Strand Board (OSB) with no added urea-formaldehyde		0	investigate applicable product
324.2	3	Recycled-content underlayment (≥ 20% recycled content)		0	investigate applicable product
324.3	3	No Lauan underlayment		0	not applicable to this project
324.4	2	Oriented Strand Board (OSB) made from rapidly renewable material		0	investigate applicable product
325.1	7	Engineered wood for beams (≥ 90% of structural applications)		0	investigate applicable product (may be for porch?)
325.2	4	Engineered wood for window and door headers (≥ 90% of structural applications)		0	not applicable to this project
325.3	2	Engineered wood plate material (100% of application)		0	not applicable to this project
325.4	5	Engineered studs (≥90% of total interior stud wall area)		0	probably use of 100% reclaimed lumber (rebuild exchange)
325.5	3	Recycled-content gypsum wallboard (100% of wallboard)		0	investigate applicable product
325.6	3	Recycled-content exterior sheathing (≥50% recycled content, ≥50% of wall sheathing)		0	look into fibre cement board
Windows/Doors					
330.1	5	Window frames made from FSC certified sustainably harvested wood (≥75% of total window area)		0	not applicable to this project
330.2	6	Insulated exterior doors; (R-5 or more)		6	
330.3	3	No Lauan doors		3	
330.4		Interior Doors (Choose 1: 330.4.1 OR 330.4.2)			
330.4.1	3	Regionally salvaged or recycled-content interior doors OR		3	rebuilding exchange
330.4.2	5	Interior doors made from FSC certified sustainably harvested wood		0	
Insulation					
340.1		Insulation (Choose 1: 340.1.1 OR 340.1.2 OR 340.1.3)			
340.1.1	3	Recycled-content insulation (≥25% recycled content, ≥90% of exterior envelope area) OR		0	not applicable to this project
340.1.2	8	Spray foam insulation (≥90% of exterior envelope area) OR		8	
340.1.3	8	Recycled-content insulation (≥75% recycled content, ≥90% of exterior envelope area)		0	not applicable to this project

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340.2	1	HCFC-free foam insulation (≥90% of foam insulation sheathing application area)		1	
Exterior Wall Finishes					
350.1		Exterior wall finishes (Chose 1: 350.1.1 OR 350.1.2 OR 350.1.3)		0	
350.1.1	5	Regionally salvaged or recycled-content siding (salvaged from within 500 miles or ≥50% recycled content, ≥50% of exterior finish area) OR		0	not applicable to this project
350.1.2	5	FSC certified sustainably harvested wood siding (≥50% of exterior finish area) OR		0	not applicable to this project
350.1.3	5	Fiber cement siding (≥50% of exterior finish area)		0	may apply to porch
350.2	5	Regionally salvaged or recycled-content exterior trim (salvaged from within 500 miles or ≥50% recycled content, ≥50% of exterior trim area)		0	not applicable to this project
350.3	2	Fiber cement exterior trim (100% of exterior trim area)		0	investigate
350.4	2	Install window/door flashing per best construction practices (see diagram in guide)		2	
350.5	8	Regionally produced or salvaged masonry or stone (≥50% of exterior wall area)		0	not applicable to this project
Roofs					
361.1		Roofing (Choose 1: 361.1.1 OR 361.1.2)			
361.1.1	3	Composition, fiberglass or asphalt roofing (30 year minimum, ≥90% of total roofing material area) OR		0	not applicable to this project
361.1.2	8	Metal, slate, clay or concrete roofing (40 year minimum, ≥90% of total roofing material area)		0	not applicable to this project
362.1		Self adhering roof underlayment (Choose 1: 362.1.1 OR 362.1.2)			
362.1.1	4	Self-adhering roof underlayment for eaves, valleys, and penetrations (pitched roofs only) OR		0	not applicable to this project
362.1.2	6	Self-adhering roof underlayment for entire roof (pitched roofs only)		0	not applicable to this project
362.2	3	Recycled-content roofing material (≥90% of total roofing material area)		0	not applicable to this project
Finished Floor					
371.1	8	Hard surfaces (≥80% of the total finished floor area)		8	
371.2	6	Regionally salvaged wood flooring (≥10% of total finished floor area)		0	what about re-using existing hard wood flooring?
371.3	4	Natural linoleum flooring with low VOC adhesives or backing (≥10% of total finished floor area)		0	not applicable to this project
371.4	7	FSC certified sustainably harvested wood flooring (≥10% of total finished floor area)		0	not applicable to this project
371.5	4	FSC certified sustainably harvested bamboo flooring (≥10% of total finished floor area)		0	not applicable to this project
371.6	4	Cork flooring (≥10% of total finished floor area)		0	not applicable to this project
371.7	2	Recycled-content flooring (≥50% recycled content, ≥10% of total finished floor area)		0	may apply to bath room
371.8	3	Ceramic tile flooring with low VOC adhesives and plasticizer-free grout		3	
372.1	6	Natural fiber carpet, tacked not glued (≥10% of total finished floor area)		0	not applicable to this project
372.2	4	Recycled-content carpet, tacked not glued (≥25% recycled content, ≥10% of total finished floor area)		0	not applicable to this project
372.3	3	Natural or recycled-content carpet pad (≥10% of total finished floor area)		0	not applicable to this project
Cabinetry and Trim					
380.1	6	Regionally salvaged wood cabinet fronts (100% of cabinet fronts)		0	applicable it using material from rebuilding exchange
380.2	4	Composite wood or agrifiber cabinets (100% of cabinet boxes)		0	for 1st floor
380.3	4	Composite wood or agrifiber shelving & countertops (100% of built-in shelving & countertop area)		0	investigate applicability
380.4	5	FSC certified sustainably harvested hardwood trim (≥75% of interior trim area)		0	not applicable to this project
380.5	1	Engineered composite wood or agrifiber trim (≥75% of interior trim area)		0	not applicable to this project
Outdoor Materials					
390.1		Recycled-content outdoor materials (≥50% recycled content): (7 pts) 25% of all outdoor materials OR (8 pts) 50% of all outdoor materials OR (9 pts) 75% of all outdoor materials by surface area		7	
390.2	8	FSC certified sustainably harvested outdoor lumber (75% of lumber surface area)		0	not applicable to this project
390.3		Regionally salvaged outdoor materials: (7 pts) for 25% of all outdoor materials (8 pts) for 50% of all outdoor materials OR (9 pts) for 75% of all outdoor materials by surface area		8	
Total Materials Points:				41	
Health and Safety					
Minimum Indoor Environmental Quality					
400.R1	0	No unvented combustion appliances		0	
400.R2	0	Full exterior drainage plane (for all new envelope area)		0	applicable to porch
400.R3	0	Install MERV 8 air filter (ensure that air handlers can maintain adequate pressure and airflow)		0	applicable to ventilation system?
Indoor Air Quality					
410.2	5	Radon mitigation system (passive or active) installed to EPA guidelines		0	investigate integration into basement
410.3	5	Formaldehyde-free insulation throughout house (90% of insulation area)		0	investigate formaldehyde-free spray in foam insulation
Ventilation					

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420.1	12	Energy & heat recovery ventilators: (12 pts) Energy Recovery Ventilator OR (12 pts) Heat Recovery Ventilator		12	
420.2	8	Continuous exhaust only mechanical ventilation system		0	investigate applicability
420.3	6	Bathroom exhaust fans per guide requirements		6	
420.4	6	Meets ASHRAE Standard 62.2-2007		0	investigate
420.5	6	Range hood vented outside		6	
420.6	4	Sealed combustion fireplace (gas or wood) with outside combustion air		0	not sure if we will have fireplace
Air Filtering					
430.1		Filters (Choose 1: 430.1.1 OR 430.1.2)			
430.1.1	10	Install high-performance air filter (MERV 10 or greater; ensure that air handlers can maintain adequate pressure and airflow): (5 pts) ≥MERV 10 filter; (10 pts) ≥MERV 13 filter		0	may apply depending on ventilation system setup
430.1.2	10	Install whole house HEPA filter (ensure that air handlers can maintain adequate pressure and airflow)		0	may apply depending on ventilation system setup
430.2	5	Install central vacuum		0	investigate
Interior Finishes					
440.1	4	Low VOC wood finishes (100% of applications)		4	
440.2	6	Minimal VOC content paints, coatings & primers (100% of applications): (4 pts) Low VOC OR (6 pts) No VOC		6	
440.3	4	Low VOC sealers (100% of applications)		4	
440.4	4	Low-emitting carpet and carpet pad (100% of applications)		0	no use of carpets
440.5	4	Low VOC adhesives (100% of applications)		4	
440.6	4	Low VOC sealants (100% of applications)		4	
Cabinetry					
450.1	5	All cabinets made from urea-formaldehyde-free composite wood or agrifiber		5	
450.2	5	All shelving & countertops made from urea-formaldehyde-free composite wood or agrifiber		0	investiage applicable products
Garages					
460.1	10	Garage isolated from living space: (10 pts) Detached garage OR (10 pts) Attached garage, with compliant air-sealing and testing		0	no garage
460.2	8	Exhaust fan in attached garage (wired to delay timer/door opener): (6 pts) Exhaust fan in attached garage OR (8 pts) Solar-powered exhaust fan in attached garage		0	no garage
Moisture Management					
470.1	2	Extend downspouts (5 ft, perpendicular to foundation face)		2	
470.2	6	Sealed ground cover in crawl spaces and under-floor below grade spaces		0	investigate (applicable to basement floor?)
Total Health & Safety Points:				53	
Resource Conservation					
Minimum Resource Conservation					
500.R1	0	Protect trees and natural features during construction		0	
Land Use					
510.1	4	Save and reuse topsoil (determine value by soil analysis)		0	determine after soil survey and analysis
Materials Re-Use					
520.1	5	Regionally salvaged structural material: (3 pts) 5% min OR (5 pts) 10% min		0	what are structural materials (definition?)
520.2	5	Regionally salvaged interior finish material: (3 pts) 5%min OR (5 pts) 10% min		0	what are interior finish materials (definition?)
520.3	1	Recycled-content paints		0	
Waste Reduction & Recycling					
530.1	15	Implement construction waste recycling plan diverting 75% of material from landfill (exceed City ordinance by 25%)		0	not yet sure about nature of construction waste
530.2	6	Built-in recycling center with two or more bins in each unit		6	
530.3	5	Waste sorter with recycling functions		0	
530.4	8	Multi-unit recycling plan		8	
530.5	6	Provide home-scale composting		6	
Water Conservation					
541.1		Water conserving toilets: (Choose 1: 541.1.1 for single-family homes OR 541.1.2 for multi-family projects)			
541.1.2	12	Toilets for multi-family: (6 pts) 1.1 gpf toilets (100% of toilets) OR (12 pts) Dual-flush toilets averaging 1.1 gpf (100% of toilets)		12	
541.2	2	Bathroom faucets fitted with aerator restricting flow to 1.8 gpm		2	

Project Contact : Marcus de la fleur
 Email Address :
 Phone Number :
 Project Type: Multi-Family (less than 80 feet in height)

Project Address : 3141 W. 15th Street
 Tax ID (PIN) :
 Construction Type: Renovation

Check Appropriate Box
☒ Enrollment
☐ Certification

DOB Green Permit Program Menu Items (If Applicable) :
 1 Renewable Energy
 2 Exceptional Water Management
 3 Exceptional Bike Parking

	Possible Points	Feature	Drawing Sheet or Spec Number	Applicant Points	Applicant Comments
541.3	2	Kitchen faucet fitted with aerator restricting flow to 2.0 gpm		2	
541.4		Water conserving showerheads: (Choose 1: 541.4.1 for single-family homes OR 541.4.2 for multi-family projects)			
541.4.2	10	Showerheads for multi-family: (10 pts) Showerheads with flow rates under 2.5 gpm (100% of showerheads)		10	
541.5	8	Capture and reuse greywater on site		0	what are permitting applications (plumbing code?)
542.1	4	Amended topsoil (3 cubic yds of soil amendment per 1000 sq ft of landscape area based on soil analysis)		0	determine if existing soil would require amendmends
542.2	2	Irrigation system with efficiency device such as soil moisture or rain sensor		0	no irrigation installed
542.3	2	Irrigation system designed for efficient distribution of water		0	no irrigation installed
542.4	6	50% max. cool season turf grass (fescue or bluegrass); remainder as non-turf bedding		6	
542.5	6	Install drought-tolerant native or adapted landscape; at least 50% of non-paved area		6	
542.6	3	Install bedding with mulch to depth of 3 inches		0	will use mineral mulch
542.7	1	Organic mulch or compost		0	will use mineral mulch
Total Resource Conservation Points:				58	
Homeowner Education					
Home Manual					
610.R1	0	Provide manual to owners/occupants/maintenance staff on basic issues related to use and care of their home		0	
610.1	8	Include additional information in the manual.		0	determine once system has been developed
Education & Training					
620.1	7	Provide walk-through to owners/occupants/maintenance staff in the use and care of their home		0	determine once system has been developed
620.2	10	Provide video documentation of walk-through to owners/occupants/maintenance staff		0	determine once system has been developed