City of Santa Fe, New Mexico

memo

DATE: Prepared January 7, 2014

TO: Public Utilities Committee/Finance Committee

VIA: Cindy Padilla, Public Utilities Department, Environmental Service Division Director
Nick Schiavo, Public Utility Department Director

FROM: Katherine Mortimer, Environmental Services Division, Sustainable Santa Fe Programs Manager

RE: **RESIDENTIAL ADDITION AND REMODEL GREEN BUILDING CODE**

ITEM
A bill to adopt the Residential Addition and Remodel Green Building Code (RARGBC) and to add a requirement to the Residential Green Building Code (RGBC) for new residential construction for gray water piping from at least one water fixture.

A resolution to adopt administrative procedures for the RARGBC and amend the RGBC administrative procedures to provide detailed guidance on how to comply with the gray water piping requirement.

The new RARGBC would apply to larger remodels, ones that affect 50% or more of the heated floor area. It would not apply for maintenance or repair work such as reroofing, re-stuccoing, or window replacement. The RARGBC would also apply when doing a complete kitchen, bathroom or basement remodel, even if less than 50% of the floor area of the residence is affected. The RARGBC would also apply to additions with greater requirements for additions that are 400 square feet or larger.

The RARGBC would reduce energy and water use over building code minimum requirements. It would also reduce the cradle to grave impacts of the materials used and would reduce the indoor air quality impacts resulting from better insulation and sealing practices.

BACKGROUND
The Governing Body first adopted the policy to develop green building codes by passage of Resolution 2006-55 which endorsed the U.S. Conference of Mayor's Climate Protection Agreement adopting high performance energy efficient standards. Then Resolution 2007-7 directed staff to develop green building standards. This direction is reflected in three of the action items included in the Sustainable Santa Fe Plan adopted by Resolution 2008-93.

Subsequently, the Governing Body adopted Resolution 2009-52 which established the Historic Green Building Code Task Force. This body reviewed the Residential Addition and Remodel Code as it was developed by the community task force which guided what to include in the Code.

FISCAL IMPACT

The fiscal impact of the RARGBC addresses the staff time needed for its implementation. When the first Residential Green Building Code was adopted in 2009, the FIR included 1.5 FTE for the Land Use Department including 1 FTE for plan review and 0.5 FTE for the inspections. However, by the time the code was implemented, the building permit volume had dropped due to the economic downturn and a decision was made to use existing staff rather than add new staff until the number of building permits returned to historic levels. Since the implementation of the Residential Green Building Code (FY09/10) building permit volume has increased 43% with a 35% increase in new residential dwelling permits in the last 22 months alone. Primary permit volume is now at 84% of the city's highest year ever (FY05/06). Permits for residential additions and remodels permits are roughly twice that of new residential construction No new building permit staff have been added since 2008 and in the interim the City's land use jurisdiction has increased approximately 40 % in geographic area through annexation.

The Land Use Department is currently advertising for 2 new plan review staff that would be certified in multiple disciplines. By cross-training staff it should be possible to approve plans with greater efficiency, requiring fewer staff as in the past. If this strategy is successful there would be no need to add new staff for the RARGBC implementation. However, if this strategy is not successful, and plan review continues in the manner it has, it would be necessary to hire as many as 2 additional fulltime employees with an ongoing cost of $124,908 and a non-recurring cost for computers and a vehicle of $24,000.

CITY OF SANTA FE, NEW MEXICO
PROPOSED AMENDMENT(S) TO BILL NO. 2014-6
(Green Code – Residential Addition & Remodels)

Mayor and Members of the City Council:

I propose the following amendment(s) to Bill No. 2014-____:

1. On page 9, checklist item 802.6, after "landscaping" ***insert*** "from at least one plumbing fixture. This item"

2. On page 30, checklist item 12.1.902.4, after "following", ***delete*** "HBAC" and ***insert*** "HVAC" in lieu thereof

3. On page 30, checklist item 12.2.607.1, after "space in", ***insert*** "or near"

Respectfully submitted,

_____
Councilor Chris Calvert

ADOPTED: _____
NOT ADOPTED: _____
DATE: _____

_____
Yolanda Y. Vigil, City Clerk

CITY OF SANTA FE, NEW MEXICO

BILL NO. 2014-6

INTRODUCED BY:

Councilor Chris Calvert

Councilor Peter Ives

Councilor Patti Bushee

AN ORDINANCE

RELATING TO THE RESIDENTIAL GREEN BUILDING CODE; CREATING A NEW SUBSECTION 7-4.3 SFCC 1987, TO ESTABLISH A RESIDENTIAL ADDITION AND REMODEL GREEN BUILDING CODE FOR SINGLE FAMILY ATTACHED AND DETACHED; AMENDING EXHIBIT "A" TO CHAPTER VII TO CREATE A NEW CHAPTER 2 TO ESTABLISH DEFINITIONS, TO CREATE A NEW ITEM 802.6 REGARDING ROUGH PLUMBING FOR FUTURE USE OF GRAY WATER, TO CREATE NEW CHAPTERS 11 AND 12 TO ESTABLISH CHECKLISTS FOR REMODELING AND REMODELING OF FUNCTIONAL AREAS AND SMALL ADDITIONS AND TO CREATE A NEW APPENDIX B TO ESTABLISH WHOLE BUILDING VENTILATION SYSTEM SPECIFICATIONS.

BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF SANTA FE

Section 1. A new Subsection 7-4.3 SFCC 1987 is ordained to read:

7-4.3 [NEW MATERIAL.] Residential Addition and Remodel Green Building Code.

(A) *Purpose.* The purpose of this subsection is to:

(1) Provide criteria for rating environmental performance of residential addition and remodel practices and provide guidelines for documentation that demonstrates conformance with those criteria;

(2) Encourage cost-effective and sustainable building and remodeling methods by encouraging the conservation of fossil fuels, water and other natural resources, reduction of greenhouse gas emissions, recycling of construction materials, reducing solid waste and improving indoor air quality in existing residential structures;

(3) Identify the specific requirements for complying with the requirements of the Residential Addition and Remodel Green Building Code; and

(4) Encourage more aggressive green remodeling and additions that work towards the goals of the 2030 challenge as adopted by the governing body by Resolution No. 2006-55.

(B) *Residential Addition and Remodel Green Building Code; Applicability.*

(1) Exhibit B attached to the end of this Chapter is adopted. Exhibit B shall be referred to as the Santa Fe Residential Addition and Remodel Building Code.

(2) The provisions of this subsection apply to all additions and remodels affecting 50% or more of the floor area of attached and detached single-family residences.

(C) *Relationship to Other Codes; Compliance; Exceptions.*

(1) The requirements of this subsection are in addition to and do not replace the requirements of other Sections of this Chapter or other Chapters of this Code, including, without limitation, all of the life safety codes, historic preservation ordinance, land development code and adopted building codes and development standards.

(2) No person shall fail to comply with the requirements of this subsection. No person shall construct in violation of a Residential Addition and Remodel Green Building Code approval. All approvals in inspections of Addition and Remodel Green Building Code

applications and requirements shall be done in conjunction with residential building permit application and field inspections. An application shall be made on a form approved by the Land Use Department Director. The applicant shall demonstrate compliance with all of the provisions of this Section prior to the issuance of a final inspection signoff by the land use department.

(3) For a structure located in an historic overlay district where it can be demonstrated that strict application of the requirements of this subsection cannot be accomplished due to the requirements of the historic overlay district and that findings cannot be reasonably made for a variance or exception to the historic overlay district requirements, the requirements of this subsection may be reduced commensurate with the conflict between the two sections of the Santa Fe City Code.

(D) *Administration.*

(1) The Residential Addition and Remodel Green Building Code shall be administered by the city as set forth in the administrative procedures adopted by resolution of the governing body. All changes to the administrative procedures shall be reviewed and approved by the governing body. The administrative procedures shall set forth responsibilities, procedures and standards for administrative actions necessary to implement the Residential Addition and Remodel Green Building Code, which include, without limitation, the following:

(a) Submitting and reviewing applicable residential building addition and remodeling permit requests and determining conditions of approval related to the requirements of the Residential Addition and Remodel Green Building Code;

(b) Reviewing and certifying Residential Addition and Remodel Green Building Code checklists with property owners to ensure compliance with the Residential Addition and Remodel Green Building Code and the administrative

procedures; and

(c) Monitoring the performance of property owners subject to the requirements of the Residential Addition and Remodel Green Building Code and the Administrative Procedures; and

(d) Taking appropriate action in the event of noncompliance.

(2) The land use department or its agent shall:

(a) Be responsible for the administration of the Residential Addition and Remodel Green Building Code; and

(b) Prepare a User's Guide that provides detailed information regarding each checklist item in the Residential Addition and Remodel Green Building Code and when an applicant is eligible to take points and how many points may be taken.

(c) Administer and enforce all other building codes and land use development codes that apply to building permit requests that are subject to this Section.

(d) Require, as part of the building permit submittals for projects subject to Chapter 11 of the Residential Addition and Remodel Green Building Code to prepare and submit a Residential Addition and Remodel Green Building Code Chapter 11 checklist to the Green Building Code Administrator or designee to assure compliance with this Section; and

(e) Where applicable, invoke sanctions for noncompliance with this section at the request of the City Manager.

(E) *Effective Date.* Section 7-4.3 SFCC 1987 shall be effective _____.

Section 2. Exhibit A, Chapter VII SFCC 1987 (being Ord. #2009-9, as amended) is amended to amend the Santa Fe Residential Green Building Checklists, to create a new Chapter 2:

[REMAINDER OF PAGE LEFT BLANK INTENTIONALLY]

	[NEW MATERIAL] Chapter 2
	DEFINITIONS
201	GENERAL
201.1	**Scope.** Unless otherwise expressly stated, the following words and terms shall, for the purposes of this Code, have the meanings shown in this chapter.
201.2	**Interchangeability. Words used in the present tense include the future; words stated in the masculine gender includes the feminine and neuter; the singular number includes the plural and the plural, the singular.**
201.3	**Terms defined in other document.** Where terms are not defined in this Code, and such terms are used in relation to the reference of another document, those terms shall have the definition in that document.
201.4	**Terms not defined.** Where terms are not defined through the methods authorized by this section, such terms shall have ordinarily accepted meanings such as the context implies.
202	DEFINITIONS
	ACCESSORY STRUCTURE. A structure, the use of which is customarily accessory to and incidental to that of the residential building; the structure is located on the same lot or site as the residential building; the structure does not contain a dwelling unit; and (1) is classified as Group U - Utility and Miscellaneous in the accordance with the ICC International Building Code, or (2) is classified as accessory in accordance with the ICC International Residential Code, or (3) is classified as accessory to the residential use by a determination of the Adopting Entity.
	ADDITION. An extension or increase in floor area or height of a building or structure.
	ADOPTING ENTITY. The governmental jurisdiction, green building program, or any other third-party compliance assurance body that adopts this Code, and is responsible for implementation and administration of the practices herein.
	ADVANCED FRAMING. Code compliance layout, framing and engineering techniques that minimize the amount of framing products used and waste generated to construct a building while maintaining the structural integrity of the building.
	AFUE (Annual Fuel Utilization Efficiency). The ratio of annual output energy to annual input energy which includes any non-heating season pilot input loss, and for gas or oil-fired furnaces or boilers, does not includes electrical energy.
	AIR BARRIER. Material(s) assembled and joined together to provide a barrier to air leakage through the building envelope, An air barrier may be a single material or a combination of materials.
	AIR HANDLER. A blower or fan used for the purpose of distributing supply air to a room, space or area.

[NEW MATERIAL] Chapter 2	
DEFINITIONS	
	AIR INFILTRATION. The uncontrolled inward air leakage into a building caused by the pressure effects of wind or the effect of differences in the indoor and outdoor air density or both.
	AIR, MAKE-UP. Air that is provided to replace air being exhausted.
	ARCHITECTURAL COATINGS. A material applied onto or impregnated into a substrate for protective, decorative, or functional purposes. Such materials include, but are not limited to, primers, paints, varnishes, sealers, and stains. An architectural coating is a materials applied to stationary structures or their appurtenances at the site if installation. Coatings applied in shop applications, sealants, and adhesives are not considered architectural coatings.
	BIOBASED PRODUCT. A commercial or industrial product used in site development or building construction that is composed, in whole or in significant part, of biological products, renewable agriculture materials (including plant, animal, and marine materials), or forestry materials.
	CLIMATE ZONE. Climate zone for Santa Fe is 5 dry.
	COMMON AREA(S). Areas within a site or lot that are predominantly open spaces and consist of non-residential structures, landscaping, recreational facilities, roadways and walkways, which are owned and maintained by an incorporated or charted entity such as a homeowner's association or governmental jurisdiction.
	COMPLETE BASEMENT REMODEL. A basement remodel where the scope of work is such that it requires a building permit.
	COMPLETE KITCHEN REMODEL. A kitchen remodel where the scope of work is such that it requires a building permit.
	CONDITIONED SPACE. An area or room within a building being heated or cooled, containing uninsulated ducts, or with a fixed opening directly into an adjacent conditioned space.
	CONSTRUCTION WASTE MANAGEMENT PLAN. A system of measures designed to reduce, reuse, and recycle the waste generated during construction and to properly dispose of the remaining waste.
	CONTINUOUS PHYSICAL FOUNDATION TERMITE BARRIER. An uninterrupted, non-chemical method of preventing ground termite infestation (e.g., aggregate barriers, stainless steel mesh, flashing, or plastic barriers).
	DIRECT-VENT APPLIANCE. A fuel-burning appliance with a sealed combustion system that draws all air for combustion from the outside atmosphere and discharges all flue gases to the outside atmosphere.
	DURABILITY. The ability of a building or any of its components to perform its required functions in its service environment over a period of time without unforeseen cost for maintenance or repair.

[NEW MATERIAL] Chapter 2	
DEFINITIONS	
	DWELLING UNIT. A single unit providing complete, independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking and sanitation.
	ENGINEERED WOOD PRODUCTS. Products that are made by combining wood stand, veneers, lumber or other wood fiber with adhesive or connectors to make a larger composite structure.
	EXISTING BUILDING. Building completed and occupied prior to any renovation considered under this Code.
	FROST-PROTECTED SHALLOW FOUNDATION. A foundation that does not extend below the design frost depth and is protected against the effects of frost in compliance with SEI/ASCE 32-01 or the provisions for frost-protected shallow foundations of the ICC IBC or IRC, as applicable.
	FULL BATHROOM REMODEL. A bathroom remodel where the scope of work is such that it requires a building permit.
	GRADE PLANE. A reference plane representing the average of the finished ground level adjoining the building at all exterior walls. Where the finished ground level slopes away from the exterior walls, the reference lane shall be established by the lowest points within the area between the building and the lot line or, where the lot line is more than 6 feet (1830 mm) from the building, between the structure and a point 6 feet (1830 mm) from the building.
	HIGH-EFFICIENCY LAMPS. Compact fluorescent lamps (CFL); light emitting diode (LED); T-8 or smaller diameter linear fluorescent lamps, or lamps with a minimum efficacy of 1) 60 limens per watt for lamps over 40 watts, 2: 50 lumens per watt for lamps over 15 watts or 40 watts, or 3) 40 lumens per watt for lamps 15 watts or less.
	HYDROZONING. A landscape practice that groups plants with similar watering needs together in an effort to conserve water.
	LAVATORY FAUCET. A valve for dispensing hot and/or cold water to a basin used for washing hands or face.
	LOT. A single parcel of land generally containing one primary structure or use. Lot development, as defined by this Code, may include multiple ownership (such as with a condominium building) or multiple uses (such as with a mixed-use building). A lot is predominately represented by a single-family dwelling unit, a multifamily structure, or a mixed-use building also containing offices and shops. Lots may be located in urban, suburban, and promote soil infiltration and recharge.
	MERV (Minimum Efficiency Reporting Value). The Minimum Efficiency Reporting Value for filters in accordance with the criteria contained in ASHRAE 52.2.
	MODULAR CONSTRUCTION. Three-dimensional sections of the complete building or dwelling unit built in a factory and transported to the jobsite to be joined together on a permanent foundation.

	[NEW MATERIAL] Chapter 2
	DEFINITIONS
	MULTI-UNIT BUILDINGS. A building containing multiple dwelling units and classified as R-2 under the ICC IBC.
	NEW CONSTRUCTION. Construction of a new building or construction that completely replaced more than 75 percent of an existing building.
	PERMEABLE MATERIAL. A material that permits the passage of water vapor and/or liquid.
	PLUMBING FIXTURE. A receptor or device that requires both a water-supply connection and a discharge to the drainage system, such as water closets, lavatories, bathtubs, and sinks.
	PRECUT. Materials cut to final size prior to delivery to site and ready for assembly.
	PROJECTION FACTOR. The ratio of the overhang width to the overhang height above the door threshold or window sill (PF=A/B).
	RECYCLE. To recover and reprocess manufactured goods into new products.
	REMODLING. The process of restoring or improving an existing building, dwelling unit, or property.
	RENEWABLE ENERGY. Energy derived from sources that are regenerative or cannot be depleted.
	RENEWABLE ENERGY SOURCE. Source of energy (excluding minerals) derived from incoming solar radiation, including natural solar radiation itself, photosynthetic processes; from phenomenon resulting there from, including wind, hydropower, waves and tides, and lake or pond thermal differences; from decomposition of waste material, including methane from landfills; from processes that use regenerated materials, including wood and bio-based products; and from the internal heat of the earth, including nocturnal thermal exchanges.
	REPLACEMENT. The act or process of replacing material or systems.
	REUSE. To recover a material or product for use again without processing.
	SIP (Structural Insulated Panel). A Structural sandwich panel that consists of a light-weight foam plastic core securely laminated between two thin, rigid wood structural panel facings; a structural panel that consists of lightweight foam plastic and cold-formed steel sheet or structural cold-formed steel members; or other similar non-interrupted structural panels.
	SOLID FUEL-BURNING APPLIANCE. A chimney connected device designed for purposed of heating, cooking, or both that burns solid fuel.
	STORY. That portion of a building including between the upper surface of a floor and the upper surface of the floor or roof of the next above.

[NEW MATERIAL] Chapter 2	
DEFINITIONS	
	STORY ABOVE GRADE. Any story having its finished floor surface entirely above grade, except that a basement shall be considered as a story above grade where the finished surface of the floor above the basement is:
	1. More than 6 feet (1829 mm) above the grade plane.
	2. More than 6 feet (1829 mm) above the finished ground level for more than 50 percent of the total building perimeter.
	3. More than 12 feet (3658 mm) above the finished ground level at any point.
	VENTILATION. The natural or mechanical process of supplying conditioned or unconditioned air to, or removing such air from, any space.
	WATER RESISTIVE BARRIER. A material behind an exterior wall covering that is intended to resist liquid water that has penetrated behind the exterior covering from further intruding into the exterior wall assembly.

Section 3. Exhibit A, Chapter VII SFCC 1987 (being Ord. #2009-9, as amended) is amended to amend the Santa Fe Residential Green Building Checklists, Chapter 8, to include a new 802.6:

Item #	Green Building Practices	Points
802.6	Rough plumbing shall be installed for future use of gray water for landscaping is required.	Mandatory

Section 4. Exhibit A, Chapter VII SFCC 1987 (being Ord. #2009-9, as amended) is amended to amend the Santa Fe Residential Green Building Checklists, to create a new Chapter 11:

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
11.3	**COMPLIANCE AND APPLICABILITY**	

11.305.1	**Compliance.** Compliance with Section 305 is mandatory.	

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
11.305.2	**Compliance options.** The criteria for existing buildings shall be in accordance with Section 305.3 for whole-building ratings or additions greater than 400 sf or Section 305.4 for compliance designations of building functional areas and additions under 400 sf.	
11.305.3	**Whole-building rating criteria**	

11.305.3.1	**Applicability.** The provisions of Section 305.3 shall apply to remodeling of existing buildings that effect 50% or more of the existing conditioned floor area and additions of 400 conditioned sf or greater. In addition to the foundation, at least one major structural system (such as walls) of the existing building shall remain in place after the remodel for the building to be eligible for compliance under Section 305.3. If less of the building remains than needed to be eligible for compliance under Section 305.3 then the Santa Fe Residential Green Building Code for new buildings shall apply.	
11.305.3.1.1	**Additions.** For a remodeled building that meets the applicability for meeting the provisions of Section 305.3 and that includes an addition, the entire building including the addition shall comply with the criteria of Section 305.3.	

11.305.3.3	**Mandatory practices.** For additions and remodels that must comply with Chapter 11, the building, including any additions and common areas, shall satisfy all practices designated as mandatory in Chapter 11.	

11.305.3.4	**Required points for Chapter 11.** A minimum number of 40 points shall be achieved in Chapter 11 in any category.	

11.5	**LOT DESIGN, PREPARATION AND DEVELOPMENT**	
11.500.0	Intent: This section applies to the lot and changes to the lot due to remodeling of an existing building. This section does not apply if there is no landscaping or site work in the project.	

11.503	**LOT DESIGN**	
11.503.0	**Intent.** The lot is designed to avoid detrimental environmental impacts first, minimize any unavoidable impacts, and to mitigate for those impacts that do occur. The project is designed to minimize environmental impacts and to protect, restore, and enhance the natural features and environmental qualities of the lot. **(Points awarded only if the intent of the design is implemented)**	

11.503.1	**Natural resources.** Natural resources are conserved by one or more of the following:	
(4)	Basic training in tree or other natural resource protection is provided for the on-site supervisor.	4

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
11.503.5	**Landscape Plan**: A landscape plan for the lot is developed to limit water and energy use while preserving or enhancing the natural environment. **(Where "front" or "rear" only plan is implemented, only half of the points (rounded down to a whole number) are awarded for Items (1)-(6))**	
(2)	Vegetation and trees are selected that are native or regionally appropriate for local growing conditions are selected and specified on the lot plan.	4
(3)	The percentage of cool season turf areas is limited and shown on the lot plan. The percentage is based on the landscaped area of the lot not including the home footprint, hardscape, and any undisturbed natural areas.	
(a)	0 percent	5
(4)	Plants with similar watering needs are grouped (hydrozoning) and shown on the lot plan.	5

11.504	**LOT CONSTRUCTION**	
11.504.0	**Intent**: Environmental impact during construction is avoided to the extent possible; impacts that do occur are minimized, and any significant impacts are mitigated.	

11.504.2	**Trees and vegetation**: Designated trees and vegetation are preserved by one or more of the following:	
(1)	fencing or equivalent is installed to protect trees and other vegetation.	3
(2)	Trenching, significant changes in grade, and compaction of soil and critical root zones in "tree save" areas as shown on the lot plan are avoided.	5

11.505	**INNOVATIVE PRACTICES**	
11.505.0	**Intent:** Innovative lot design, preparation and development practices are used to enhance environmental performance. Waivers or variances from development regulations are obtained, and innovative zoning is used to implement such practices.	

(1)	Hardscape: Not less than 50 percent of the surface area of the hardscape on the lot meets one or a combination of the following methods.	5
(c)	Permeable hardscaping: Permeable hardscaping materials are installed.	
(2)	Roofs: Not less than 75 percent of the exposed surface of the roof is in accordance with one or a combination of the following methods.	5
(a)	Minimum initial SRI of 78 for a s low-sloped roof (a slope less than or equal to 2:12) and a minimum initial SRI of 29 for a steep-sloped roof (a slope of more than 2:12). The SRI is calculated in accordance with ASTM E1980. Roof products shall be certified and labeled.	

11.601	**QUALITY OF CONSTRUCTION MATERIALS AND WASTE**	

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
11.601.0	**Intent:** Design and construction practices that minimize the environmental impact of the building materials are incorporated, environmentally efficient building systems and materials are incorporated, and waste generated during construction is reduced.	

11.601.1	**Conditioned Floor Area:** Finished floor area of a dwelling unit after remodeling is limited. Finished floor area is calculated in accordance with NAHBRC Z765. Only the finished floor area for stories above grade plane is to be included in the calculation.	
(1)	less than or equal to 1,000 square feet (93 m^2)	15
(2)	less than or equal to 1,500 square feet (139 m^2)	12
(3)	less than or equal to 2,000 square feet (186 m^2)	9
(4)	less than or equal to 2,500 square feet (232 m^2)	6
(5)	greater than 4,000 square feet (372 m^2)	Mandatory
	(For every 100 square feet (9.29 m^2) over 4,000 square feet (372 m^2), one point is to be added to the threshold points to maximum of 60 required points required.)	
11.601.2	**New Work-Material Usage:** Newly installed structural systems are designed or construction techniques are implemented that reduce and optimize material usage. **(Points awarded only when the newly installed portion of each structural system comprises at least 25% of the total area of that structural system after the remodel).**	9 Points max
(1)	24" OC framing	3
(2)	Single top-plate - extrior and bearing walls	3
(3)	Single top-place - interior non-bearing partitions	3
(4)	Right-sized headers or insulated box headers	3
(5)	No headers in non-bearing partitions	3
(6)	Ladders at perpendicular wall intersections	3
(7)	Two-stud exterior corner framing ore equivalent	3
(8)	Doubling the rim joist in lieu of header	3
(9)	Ladder blocking or equivalent at intersection of interior wall and exterior wall.	3
(10)	Ladder blocking or equivalent at all interior wall intersections	3
(11)	Other (specify and provide detail)	3

11.601.5	**Prefabricated components.** Precut or preassembled components, or panelized or precast assemblies are utilized for a minimum of 90 percent for the following system or building:	13 max

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
	(Points are awarded only when the newly installed system comprises at least 25 percent of the total area of that system of the building after the remodel)	
(1)	floor system	4
(2)	wall system	4
(3)	roof system	4
(4)	modular construction for any new construction located above grade	13

11.601.6	**Stacked Stories**: Stories above grade are stacked, such as in 1 1/2-story, 2-story, or greater structures. The area of the upper floor is a minimum of 50 percent of the area of the story below, based on areas with a minimum ceiling height of 7 feet (2134 mm).	8 Max
(1)	first stacked story	4
(2)	for each additional stacked story	2

11.601.7	**Site-applied Finishing Materials**: Building materials or assemblies listed below that do not require additional site-applied material for finishing are incorporated into the building.	12 Max
(a)	pigmented, stamped, decorative, or final finish for all new concrete or masonry	5
(h)	Use no trim on all new or replaced doors and window counting both interior and exterior and both sides of internal doors.	5

11.602	**ENHANCED DURABILITY AND REDUCED MAINTENANCE**	
11.602.0	Intent: Design and construction practices are implemented that enhance the durability of materials and reduce in-service maintenance.	

11.602.1	**Moisture Management - Building Envelope**	
11.602.1.2	**Foundation waterproofing.** Enhanced foundation waterproofing is installed In all new foundations, and on not less than 25 percent of the foundation after the remodel using one or both of the following:	4
(1)	rubberized coating, or	
(2)	drainage mat	
11.602.1.5	**Termite Barrier**: Continuous physical foundation termite barrier used with low toxicity treatment or with no chemical treatment is installed.	4
11.602.10	**Exterior Doors**: Entries at exterior door assemblies, inclusive of side lights, are covered by one of the following methods to protect the building from the effects of precipitation and solar radiation. A projection factor of 0.375 minimum is provided.	2 per exterior door 6 Max
(a)	installing a porch roof or awning	
(b)	extending the roof overhang	
(b)	recessing the exterior door	

[NEW MATERIAL] Chapter 11		
	REMODELING	
Item #	**Green Building Practices**	**City Green Code Points**
11.602.1.12	**Roof Overhangs**: Fixed permanent roof overhangs, including portals, in accordance with Table 11.602.1.12, are provided over a minimum of 90 percent of exterior walls for sloped roofs or portals that cover 50% or more of the wall area for flat roofed buildings to protect the building envelope.	4
	Table 11.602.1.12	
	Minimum Roof Overhang for One- & Two-Story Buildings	
	Inches Rainfall[1] **Eave Overhang (inches)** **Rake Overhang (inches)**	
	≤40 12 12	
	>41 to ≤70 18 12	
	>70 24 12	
	(1) Annual mean total precipitation in inches in accordance with Figure 6(2)	
	For SI: 1 foot = 304.8 mm	-

11.603	**REUSED OR SALVAGED MATERIALS**	
11.603.0	**Intent**: Practices that reuse or modify existing structures, salvage materials for other uses, or use salvaged materials in the building's construction are implemented.	

11.603.1	**Reuse of Existing Building**: Major elements or components of existing buildings and structures are reused, modified, or deconstructed for later use. **(Points awarded for every 200 square feet (18.5 m^2) of floor area)**	1 12 Max

11.603.3	**Scrap Materials**: Sorting and reuse of scrap building materials is facilitated (e.g., a central storage area or dedicated bins are provided).	4

11.604 **RECYCLED-CONTENT BUILDING MATERIALS**

11.605	**RECYCLED CONSTRUCTION WASTE**	
11.605.0	**Intent:** Waste generated during construction is recycled. All waste classified as hazardous is properly disposed of.	

11.605.2	**Construction Waste Management Plan:** A construction waste management plan is developed, posted at the jobsite, and implemented with a goal of recycling or salvaging a minimum of 50 percent (by weight) of construction waste.	6

11.608 **RESOURCE EFFICIENT MATERIALS**

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
11.608.1	**Resource-efficient materials.** Products containing fewer materials are used to achieve the same end-use requirements as conventional products, including but not limited to:	9 Max 3 per each material
(2)	engineered wood or engineered steel products	
(3)	roof or floor trusses	

11.611.3	**Universal Design Elements:** Dwelling incorporates on or more of the following universal design elements. Conventional industry tolerances are permitted.	10 Max
(1)	Any no-step entrance into the dwelling which (1) is accessible from a substantially level parking or drop-off area 9no more than 2%) via an accessible path which has no individual change in elevation or other obstruction of more than 1-1/2 inches in height with a pitch not exceeding 1 in 12 and (2) provides a minimum 32-inch wide clearance into the dwelling.	3
(2)	Minimum 36-inch wide accessible route from the no-step entrance into at least one visiting room in the dwelling and into at least one full or half bathroom which has a minimum 32 inch clear door width and a 30-inch by 48-inch clear area inside the bathroom outside the door swing.	3
(3)	Minimum 36-inch wide accessible route from the no-step entrance into at least one bedroom which has a minimum 32 inch clear door width.	3
(4)	Blocking or equivalent installed in the accessible bathroom walls for future installation of grab bars at water closet and bathing fixture, if applicable.	1

11.611.4	**Modular Building Dimensions.** Frame structures or structures made with modular units are designed on 16- or 24-inch dimensions.	2

11.611.5	Use structural vigas, beams, or posts (from less than 300 miles away) (does not apply to decorative vigas) **(1 point per installed 10 linear feet)**	10 Max

11.611.6	Structural insulated panels (SIPS) used for the exterior:	
(1)	Walls	5
(2)	Roof	5

11.611.7	Drainage from canales is done in accordance with all of the following:	5
(1)	Waterproof the foundation behind the splash area and extending 3 feet in both directions.	
(2)	Install an impermeable liner in splash area under canale.	
(3)	Liner or other collector guides water away from structure sloping a minimum of 6 inches over 6 feet for a minimum of 6 feet away from structure.	

11.701 MINIMUM ENERGY EFFICIENCY REQUIREMENTS

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
11.701.4.3	**Insulation and air sealing,**	
11.701.4.3.1	**Building Thermal Envelope.** The building thermal envelope exposed or created during the remodel is durably sealed to limit infiltration. The sealing methods between dissimilar materials allow for differential expansion and contraction. The following are caulked, gasketed, weather-stripped or otherwise sealed with an air barrier material, suitable film or solid material:	Mandatory
(a)	All joints, seams and penetrations.	
(b)	Site-built windows, doors and skylights.	
(c)	Openings between window and door assemblies and their respective jambs and framing.	
(d)	Utility penetrations.	
(e)	Dropped ceiling or chases adjacent to the thermal envelope.	
(f)	Knee walls.	
(g)	Walls and ceilings separating a garage from conditioned spaces.	
(h)	Behind tubs and showers on exterior walls.	
(i)	Common walls between dwelling units.	
(j)	Attic access openings.	
(k)	Rim joist junction.	
(l)	Other sources of infiltration.	
11.701.4.3.2	**Air Sealing and insulation.** Grade 3 insulation installation is not permitted. The compliance of the building envelope tightness and insulation installation is demonstrated in accordance with Section 11.701.4.3.2(1) or 11.701.4.3.2(2).	Mandatory
(1)	**Testing Option:** Building envelope tightness and insulation installation is considered acceptable when air leakage is less than seven air changes per hour (ACH) when tested with a blower door at a pressure of 33.5 psf (50 Pa). Testing is conducted after rough-in and after installation of penetrations of the building envelope, including penetrations for utilities, plumbing, electrical, ventilation and combustion appliances. Testing is conducted under the following conditions:	
(a)	Exterior windows and doors, fireplace and stove doors are closed, but not sealed;	
(b)	Dampers are closed, but not sealed, including exhaust, intake, makeup air, backdraft, and flue dampers;	
(c)	Interior doors are open;	
(d)	Exterior openings for continuous ventilation systems and heat recovery ventilators are closed and sealed;	
(e)	Heating and cooling system(s) is turned off;	
(f)	HVAC duct terminations are not sealed; and	
(g)	Supply and return registers are not sealed.	

[NEW MATERIAL] Chapter 11			
REMODELING			
Item #	**Green Building Practices**		**City Green Code Points**
(2)	**Visual inspection option.** Building envelope tightness and insulation installation are considered acceptable when the items listed in Table 11.701.4.3.2(2) applicable to the method of construction and exposed and visible during the remodel, are field verified by an approved third party and a report verifying compliance is provided to the City's Inspection Division.		
	Table 11.701.4.3.2(2)		
	Air Barrier and Insulation Inspection Component Criteria		
	Component	**Criteria**	
	Air barrier and thermal barrier	• Exterior thermal envelope insulation for framed walls is installed in substantial contact and continuous alignment with building envelope air barrier.	
		• Breaks or joints in the air barrier are filled or repaired.	
		• Air-permeable insulation is not used as a sealing material.	
		• Air-permeable insulation is not installed with an air barrier.	
	Ceiling/Attic	• Air barrier in dropped ceiling/soffit is substantially aligned with insulation and any gaps are sealed.	
		• Attic access (except unvented attic), knee wall door, or dropdown stair is sealed.	
	Exterior Walls	• Corners and headers are insulated.	
		• Junction of foundation and sill plate is sealed.	
	Windows and doors	• Space between windows/door jambs is sealed.	
	Rim joints	• Rim joists are insulated and include an air barrier.	

[NEW MATERIAL] Chapter 11			
REMODELING			
Item #	**Green Building Practices**		**City Green Code Points**
	Floors (including above-garage and cantilevered floors)	• Insulation is installed to maintain permanent contact with underside of subfloor decking.	
		• Air barrier is installed at any exposed edge of insulation.	
	Crawlspace walls	• Where installed, insulation is permanently attached to walls.	
		• Exposed earth in unvented crawlspaces is covered with Class I vapor retarder with overlapping joints taped.	
	Shafts, penetrations	• Duct shafts, flue shafts, and utility penetrations, opening to the exterior or an unconditioned space are sealed.	
	Narrow cavities	• Batts in narrow cavities are cut to fit, or narrow cavities are filled by sprayed/blown insulations.	
	Garage separation	• Air sealing is provided between the garage and conditioned spaces.	
	Recessed lighting	• Recessed light fixtures not installed in the conditioned space are air tight, IC rated, and sealed to drywall.	
	Plumbing and wiring	• Insulation is placed between the outside and pipes. Batt insulation is cut to fit around wiring and plumbing, or sprayed/blown insulation extends behind piping and wiring.	
	Shower/tub adjacent to exterior wall	• Showers and tubs adjacent to exterior walls have insulation and an air barrier separation from the	

[NEW MATERIAL] Chapter 11			
REMODELING			
Item #	**Green Building Practices**		**City Green Code Points**
		exterior.	
	Electrical/phone box in exterior walls	• Air barrier extends behind boxes or air sealed-type boxes are installed.	
	Common wall	• Air barrier is installed in common walls between dwelling units.	
	HVAC register boots	• HVAC register boots that penetrate building envelope are sealed to subfloor or drywall.	
	Fireplace	• Fireplace walls include an air barrier.	
11.701.4.3.3	**Fenestration air leakage.** Newly installed windows, skylights and sliding glass doors have an air filtration rate of no more than 0.3 cfm per square foot (1.5 L/s/m^2), and swinging doors no more than 0.5 cfm per square foot (2.6 L/s/m^2), when tested in accordance with NFRC 400 or AAMA/WDMA/CSA 101/I.S.2/A440 by an accredited, independent laboratory and tested and labeled. This practice does not apply to site-build windows, skylights and doors.		Mandatory
11.701.4.3.5	**Recessed lighting.** Newly installed recessed luminaires installed in the building thermal envelope are sealed to limit air leakage between conditioned and unconditioned spaces. All recessed luminaires are IC-rated and labeled as meeting ASTM E 283 when tested at 1.57 psf (75 Pa) pressure differential with no more than 2.0 cfm (0.944 L/s) of air movement from the conditioned space to the ceiling cavity. All recessed luminaires are sealed with a gasket or caulk between the housing and the interior of the wall or ceiling covering.		Mandatory
11.701.4.4	**High-efficiency lighting.** A minimum of 50 percent of the newly installed hard-wired lighting fixtures, or the bulbs in those fixtures, qualify as high efficacy or equivalent.		Mandatory
11.701.4.5	**Boiler supply piping.** Boiler supply piping in unconditioned space that is accessible during the remodel is insulated.		Mandatory

11.901 POLLUTANT SOURCE CONTROL

11.901.0	**Intent.** Pollution sources are controlled	

11.901.1	**Space and water heating options**	

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
11.901.1.1	Natural draft furnace, boilers, or water heaters are not located in conditioned spaces, including conditioned crawlspaces, unless located in a mechanical room that has an outdoor air source and is sealed an insulated to separate it from the conditioned space(s). **(points are awarded only for buildings that use natural draft combustion space or water heating equipment.)**	5

11.901.1.2	Air handling equipment or return ducts are not located in the garage, unless placed in isolated, air-sealed mechanical rooms with an outside air source.	5

11.901.1.3	The following combustion space heating and water heating equipment is installed within conditioned space:	
(1)	all furnaces or boilers	
(a)	power vent furnace(s) or boiler(s)	3
(b)	direct vent (sealed combustion) furnace(s) or boiler(s)	5
(2)	all water heaters	
(a)	power vent water heater(s)	3
(b)	direct vent (sealed combustion) water heater(s)	5

11.901.1.4	Newly installed gas-fired fireplaces and direct heating equipment is listed and is installed in accordance with the NFPA 54,ICC IFG, or the applicable local gas appliance installation code. Gas-fired fireplaces and direct heating equipment are vented to the outdoors.	Mandatory

11.901.1.6	The following electric equipment is installed:	
(1)	Heat pump air handler in unconditioned space	2
(2)	Heat pump air handler in conditioned space	5

11.901.2	**Solid fuel-burning appliances**	
11.901.2.1	Newly installed solid fuel-burning fireplaces, inserts, stoves and heaters are local code compliant and are in accordance with the following requirements:	Mandatory
(1)	Site-built masonry wood-burning fireplaces are equipped with outside combustion air and a means of sealing the flue and the combustion air outlets to minimize interior air (heat) loss when not in operation.	
(2)	Factory-built, wood-burning fireplaces are in accordance with the certification requirements of UL 127 and are EPA certified.	
(3)	Wood stove and fireplace inserts, as defined in UL 1482 Section 3.8, are in accordance with the certification requirements of UL 1482 and are in accordance with the emission requirements of the EPA Certification and the State of Washington WAC 173-433-100(3).	

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
(4)	Pellet (biomass) stoves and furnaces are in accordance with the requirements of ASTM E 1509 or are EPA certified.	
(5)	Masonry heaters are in accordance with the definitions in ASTM E1602 and ICC IBC, Section 2112.1.	
(6)	Removal of or rendering unusable an existing fireplace or fuel burning appliance that is not in accordance with 11.901.2.1 or replacement of each fireplace or appliance that is not in accordance with 11.901.2.1 with a compliant appliance. (Not Mandatory)	7

11.901.3	**Garages.** Garages are in accordance with the following:	
(1)	Attached garage	
(c)	For one- and two-family dwelling units, a 100 cfm (47 L/s) or greater ducted, or 70 cfm (33 L/s) or greater unducted wall exhaust fan is installed and vented to the outdoors, designed and installed for continuous operation, or has controls (e.g., motion detectors, pressure switches) that activate operation for a minimum of 1 hour when either human passage door or roll-up automatic doors are operated. For ducted exhaust fans, the fan airflow rating and duct sizing are in accordance with Appendix A.	8
(2)	A carport is installed, or a detached garage is installed.	10

11.901.12	**Carbon monoxide (CO) alarms.** A carbon monoxide (CO) alarm is installed in a central location outside of each separate sleeping area in the immediate vicinity of the bedrooms. The CO alarm(s) is located in accordance with NFPA 720 and where there is existing electrical lines accessible is hard-wired with a battery back-up. The alarm device(s) is certified by a third-party for conformance to either CSA 6.19 or UL 2034. At least one of the CO alarms is capable of detecting CO concentrations as low as 9 ppm and includes a visible display. **Exception: No CO alarms are required when all three of the following conditions are true: 1. The is no attached garage; 2. There are no gas-fired applianes within the conditioned space and; 3. the are no solid fuel burning applicances in the home, including fireplaces.**	Mandatory

11.902 POLLUTANT CONTROL

11.902.0	**Intent.** Pollutants generated in the building are controlled.	

11.902.1	**Spot ventilation.**	

11.902.1.1	Spot ventilation is in accordance with the following:	
(1)	Bathrooms are vented to the outdoors. The minimum ventilation rate is 50 cfm (23.6 L/s) for intermittent operation or 20 cfm (9.4 L/s) for continuous operation in bathrooms.	Mandatory 1

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
	(Points are awarded only if a window complying with IRC Section R303.3 is provided in addition to mechanical ventilation.)	
(3)	Kitchen exhaust units and/or range hoods are ducted to the outdoors and have a minimum ventilation rate of 100 cfm (47.2 L/s) for intermittent operation or 25 cfm (11.8 L/s) for continuous operation.	8

11.902.1.2	Bathroom and/or laundry exhaust fan is provided with an automatic timer, motion sensor, and/or humidistat:	11 Max
	for first device	5
	for each additional device	2

11.902.1.4	Exhaust fans are ENERGY STAR, as applicable.	12 Max
(1)	ENERGY STAR, or equivalent, fans **(Points awarded per fan.)**	2
(2)	ENERGY STAR, or equivalent, fans operating at or below 1 sone **(Points awarded per fan.)**	3

11.902.2	**Building ventilation systems**	

11.902.2.1	One of the following whole building ventilation systems is implemented and is in accordance with the specifications in Appendix B.	Mandatory where the maximum air infiltration rate is less than 5 ACH50 or no blower door test is performed
(1)	exhaust or supply fan(s) ready for continuous operation and with appropriately leveled controls OR	3
(2)	balanced exhaust and supply fans with supply intakes located in accordance with the manufacturer's guidelines so as to not introduce polluted air back into the building OR	6
(3)	heat-recovery ventilator OR	7
(4)	energy-recovery ventilator	8

11.902.2.2	Ventilation airflow is tested to achieve the design fan airflow at point of exhaust in accordance with Section 11.902.2.1.	4

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
11.902.2.3	MERV filters 8 or equivalent or greater are installed on central forced air systems and are accessible. Designer or installer is to verify that the HVAC equipment is able to accommodate the greater pressure drop of MERV 8 filters.	3

11.902.3	**Radon control,** Radon control measures are in accordance with the Santa Fe Residential Green Building Code.	
(1)	All residential buildings shall be tested both prior to, and after, remodeling or an addition and information regarding the potential health risks of radon exposure shall be supplied to the homeowner. Tests shall be consistent with the USEPA measurement protocols from homes or by the American Association of Radon Scienists and Technol,ogists (AARST) "protocols for Radon Measurements in Homes" (MAH September 2005). It is highly recommended that mitigation be performed if the concentrations are at or above 4 pCi/L. It is recommended that remediation be performed if levels are between 2 and 4 pCi/L. NOTE: Some types of construction may increase radon concentrations including actions that reduce natural ventillation or the introduction of sources of radon such as granite. This information is intended as disclosure only for the homeowner to use at their descretion.	Mandatory
(a)	a passive radon system is installed	7
(b)	an active radon system is installed	10
11.902.4	**HVAC system protection.** The following HVAC system protection measure is performed.	-
(1)	HVAC supply registers (boots), return grilles, and rough-ins are covered during construction activities to prevent dust and other pollutants from entering the system.	3 Mandatory

11.902.5	**Central vacuum system.** Central vacuum system is installed and vented to the outside.	3

11.902.6	**Living space contaminants.** The living space is sealed in accordance with Section 11.701.4.3.1 to prevent unwanted contaminants and third-party verified.	Mandatory

11.903 **MOISTURE MANAGEMENT: VAPOR, RAINWATER, PLUMBING, HVAC**

11.903.0	**Intent.** Moisture and moisture effects are controlled.	

11.903.1	**Plumbing**	

11.903.1.1	Cold water pipes in unconditioned spaces are insulated to a minimum of R-4 with pipe insulation or other covering that adequately prevents condensation.	**2**

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
11.903.1.2	Plumbing is not installed in unconditioned spaces such as garages, attics, basements or crawl spaces.	**5**

11.903.2	**Duct insulation.** Ducts are in accordance with one of the following:	
(1)	All HVAC ducts, plenums, and trunks are in conditioned space.	1
(2)	All HVAC ducts, plenums, and trunks are in conditioned space. All HVAC ducts are insulated to a minimum of R4.	3

11.1001	**BUILDING OWNERS' MANUAL**	

11.1001.0	**Intent.** Information on the building's use, maintenance, and green components is provided.	

11.1001.1	A building owner's manual is provided that includes the following, as available and applicable.	1 9 Max
	(Points awarded per two items. Points awarded for	
	both mandatory and non-mandatory items.)	
(1)	A green building program certificate or completion document	Mandatory
(2)	List of green building features (can include the Green Building Code checklist).	Mandatory
(3)	Product manufacturer's manuals or product data sheet for newly installed major equipment, fixtures, and appliances, including any alternative energy systems. If product data sheet is in the building owner's manual, manufacturer's manual may be attached to the appliance in lieu of inclusion in the building owner's manual.	Mandatory
(4)	Maintenance checklist.	
(5)	Information on local recycling programs.	
(6)	Information on available local utility or other energy provider programs that purchase a portion of energy from renewable energy providers.	
(7)	Explanation of the benefits of using energy-efficient lighting systems (e.g., compact fluorescent light bulbs, light emitting diode (LED)) in high-usage areas.	
(8)	A list of practices to conserve water and energy.	
(9)	Local public transportation options.	
(10)	A diagram showing the location of safety valves and controls for major building systems.	Mandatory
(11)	Where frost-protected shallow foundations are used, owner is informed of precautions including:	
(a)	instructions to not remove or damage insulation when modifying landscaping.	
(b)	providing heat to the building as required by the ICC IRC or UMC	
(c)	keeping base materials beneath and around the building free from moisture caused by broken water pipes or other water sources.	

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
(12)	A list of local service providers that offer regularly scheduled service and maintenance contracts to ensure proper performance of equipment and the structure (e.g., HVAC, water-heating equipment, sealants, caulks, gutter and downspout system, shower and/or tub surrounds, irrigation system).	
(13)	A photo record of framing with the utilities installed. Photos are taken prior to installing insulation, clearly labeled, and included as part of the building owner's manual.	
(14)	List of common hazardous materials often used around the building and instructions for proper handling and disposal of these materials.	
(15)	Information on organic pest control, fertilizers, deicers, and cleaning products.	
(16)	Information on native landscape materials and/or those that have low-water requirements.	
(17)	Information on methods of maintaining the building's relative humidity in the range of 30 percent to 60 percent.	
(18)	Instructions for inspecting the building for termite infestation.	
(19)	Instructions for maintaining gutters and downspouts and importance of diverting water a minimum of 5 feet away from foundation.	
(20)	A narrative detailing the importance of maintenance and operation in retaining the attributes of a green-built building.	
(21)	Where stormwater management measures are installed on the lot, information on the location, purpose, and upkeep of these measures.	
(22)	For buildings originally built before 1978, the EPA publications "Reducing Lead Hazards When Remodeling Your Home" and "Asbestos in Your Home: A Homeowner's Guide".	
(23)	Information regarding energy efficient window treatments	
(24)	Information about protecting the home from fire danger	Mandatory
(25)	Instructions for maintaining solar systems employed in the home (only available if solar systems are employed in the home)	Mandatory
(26)	Provide homeowner with information about mulching and composting	
(27)	Provide information about participating in a clean energy program (i.e. purchase energy from PNM Sky Blue).	
(28)	Provide information about about water conservation practices and City incentives	Mandatory

11.1002	**Training of Building Owners on Operation and Maintenance**	

11.1002.1	**Training of building owners.**	

[NEW MATERIAL] Chapter 11		
REMODELING		
Item #	**Green Building Practices**	**City Green Code Points**
	Building owners are familiarized with the role of occupants in achieving green goals. On-site training is provided to the responsible party(ies) regarding newly installed equipment operation and maintenance, control systems, and occupant actions that will improve the environmental performance of the building. These include:	Mandatory
(1)	HVAC filters or boiler maintenance	
(2)	thermostat operation and programming	
(3)	lighting controls	
(4)	appliances operation	
(5)	water heating settings and hot water use	
(6)	fan controls	
(7)	recycling practices	
(8)	the irrigation system	
(9)	catchment system maintenance	
(10)	all other equipment	

1004 Innovative Practices

1004.2	Translate homeowner documents into Spanish and make both available to homeowner	6

Section 5. Exhibit A, Chapter VII SFCC 1987 (being Ord. #2009-9, as amended) is amended to amend the Santa Fe Residential Green Building Checklists, to create a new Chapter 12:

	[NEW MATERIAL] Chapter 12
	REMODELING OF FUNCTIONAL AREAS AND SMALL ADDITIONS
Item #	**Green Building Practices**
12.00	**REMODELING OF FUNCTIONAL AREAS**
12.0	**Intent.** This chapter sets forth the mandatory green practices for remodeling functional areas of buildings. The intent of Chapter 12 is to address the most common remodeling projects: complete kitchen, full bathroom, complete basement, or an addition under 400 square feet. Chapter 12 is not intended to be used for rating minor alterations.
12.305.4	**Criteria for remodeling functional areas of buildings**
13.305.4.1	**Applicability.** The provisions of Section 305.4 shall apply to remodeling of one or more of the following functional areas of the existing building as follows:
1.	Addition, kitchen, bathroom, or basement in buildings other than multi-unit buildings.
2.	Kitchen or bathroom of an individual dwelling unit in a multi-unit building

	[NEW MATERIAL] Chapter 12
	REMODELING OF FUNCTIONAL AREAS AND SMALL ADDITIONS
Item #	Green Building Practices
12.305.4.1.1	**Additions.** The total above-grade conditioned area added during a remodel that are less than 400 Conditioned square feet.
12.305.4.2	**Compliant.** Projects that meet all applicable requirements of Chapter 12 for that functional area shall be designated as *compliant.*
12.305.4.3	**Designation.** The designation achieved under Section 305.4 applies only to the specific functional area of the existing building. The existing building may have more than one *compliant* functional area.
12.305.4.4	**Additions.** A bathroom(s), kitchen, or finished basement included in an addition shall comply with all criteria specifically applicable to those functional areas in accordance with the provisions of Chapter 12.
305.4.5	**Mandatory.** Projects shall satisfy all applicable practices designated as mandatory in Chapter 12.
12.305.4.6	**Existing attributes.** The attributes of the existing building that were in compliance with the applicable provisions of Chapter 12 prior to the remodel and remain in compliance after the remodel shall be eligible for contributing to demonstration of compliance under Section 305.4.
12.701.4.3.1	**Building Thermal Envelope.** The portions of the building thermal envelope that are exposed or created during the remodel is durably sealed to limit infiltration. The sealing methods between dissimilar materials allow for differential expansion and contraction. The following are caulked, gasketed, weather-stripped or otherwise sealed with an air barrier material, suitable film or solid material:
(a)	All joints, seams and penetrations.
(b)	Site-built windows, doors and skylights.
(c)	Openings between window and door assemblies and their respective jambs and framing.
(d)	Utility penetrations.
(e)	Dropped ceiling or chases adjacent to the thermal envelope.
(f)	Knee walls.
(g)	Walls and ceilings separating a garage from conditioned spaces.
(h)	Behind tubs and showers on exterior walls.
(i)	Common walls between dwelling units.
(j)	Attic access openings.
(k)	Rim joist junction.
(l)	Other sources of infiltration.
12.701.4.3.2	**Air Sealing and insulation.** Grade 3 insulation installation is not permitted for newly installed insulation. The compliance of the portions of the building envelope that are exposed or created during the remodel for air tightness and insulation installation are considered acceptable when the items listed in Table 1`2.1.701.4.3.2(2) applicable method of construction are field verified.
	Table 12.1.701.4.3.2(2)
	Air Barrier and Insulation Inspection Component Criteria
	Component Criteria / **Criteria**

	[NEW MATERIAL] Chapter 12	
	REMODELING OF FUNCTIONAL AREAS AND SMALL ADDITIONS	
Item #	Green Building Practices	
	Air barrier and thermal barrier	• Exterior thermal envelope insulation for framed walls is installed in substantial contact and continuous alignment with building envelope air barrier.
		• Breaks or joints in the air barrier are filled or repaired.
		• Air-permeable insulation is not used as a sealing material.
		• Air-permeable insulation is not installed with an air barrier.
	Ceiling/Attic	• Air barrier in dropped ceiling/soffit is substantially aligned with insulation and any gaps are sealed.
		• Attic access (except unvented attic), knee wall door, or dropdown stair is sealed.
	Exterior Walls	• Corners and headers are insulated.
		• Junction of foundation and sill plate is sealed.
	Windows and doors	• Space between windows/door jambs is sealed.
	Rim joints	• Rim joists are insulated and include an air barrier.
	Floors (including above-garage and cantilevered floors)	• Insulation is installed to maintain permanent contact with underside of subfloor decking.
		• Air barrier is installed at any exposed edge of insulation.
	Crawlspace walls	• Where installed, insulation is permanently attached to walls.
		• Exposed earth in unvented crawlspaces is covered with Class I vapor retarder with overlapping joints taped.
	Shafts, penetrations	• Duct shafts, flue shafts, and utility penetrations, opening to the exterior or an unconditioned space are sealed.
	Narrow cavities	• Batts in narrow cavities are cut to fit, or narrow cavities are filled by sprayed/blown insulations.
	Garage separation	• Air sealing is provided between the garage and conditioned spaces.
	Recessed lighting	• Recessed light fixtures not installed in the conditioned space are air tight, IC rated, and sealed to drywall.

	[NEW MATERIAL] Chapter 12	
	REMODELING OF FUNCTIONAL AREAS AND SMALL ADDITIONS	
Item #	Green Building Practices	
	Plumbing and wiring	• Insulation is placed between the outside and pipes. Batt insulation is cut to fit around wiring and plumbing, or sprayed/blown insulation extends behind piping and wiring.
	Shower/tub adjacent to exterior wall	• Showers and tubs adjacent to exterior walls have insulation and an air barrier separation from the exterior.
	Electrical/phone box in exterior walls	• Air barrier extends behind boxes or air sealed-type boxes are installed.
	Common wall	• Air barrier is installed in common walls between dwelling units.
	HVAC register boots	• HVAC register boots that penetrate building envelope are sealed to subfloor or drywall.
	Fireplace	• Fireplace walls include an air barrier.
12.1.701.4.3.4	**Recessed lighting.** Newly installed recessed luminaires installed in the building thermal envelope are sealed to limit air leakage between conditioned and unconditioned spaces. All recessed luminaires are IC-rated and labeled as meeting ASTM E 283 when tested at 1.57 psf (75 Pa) pressure differential with no more than 2.0 cfm (0.944 L/s) of air movement from the conditioned space to the ceiling cavity. All luminairs are sealed with a gasket or caulk between the housing and the interior of the wall or ceiling covering.	
12.1.701.4.4	**High-efficiency lighting.** A minimum of 50 percent of the hard-wired lighting fixtures and bulbs in the remodeled portion of the building, or the bulbs in those fixtures, qualify as high efficacy or equivalent.	
12.1.701.4.5	**Boiler supply piping.** Newly installed boiler supply piping in unconditioned space that is accessible during the remodel is insulated.	
12.1.703.5.3	**Appliances.** All newly installed major appliances in the remodeled portion of the building are ENERGY STAR or equivalent.	
12.1.901.1.4	**Gas-fired equipment.** Newly installed gas-fired fireplaces and direct heating equipment is listed and is installed in accordance with the NMAC. Gas-fired fireplaces and direct heating equipment are vented to the outdoors.	
12.1.901.2.1	**Solid fuel-burning appliances.** Newly installed solid fuel-burning fireplaces, inserts, stoves, and heaters are code compliant and are in accordance with the following requirements:	

	[NEW MATERIAL] Chapter 12
	REMODELING OF FUNCTIONAL AREAS AND SMALL ADDITIONS
Item #	Green Building Practices
(1)	Site-built masonry wood-burning fireplaces are equipped with outside combustion air and a means of sealing the flue and the combustion air outlets to minimize interior air (heat) loss when not in operation.
(2)	Factory-built, wood-burning fireplaces are in accordance with the certification requirements of UL 127 and are EPA certified.
(3)	Wood stove and fireplace inserts, as defined in UL 1482 Section 3.8, are in accordance with the certification requirements of UL 1482 and are in accordance with the emission requirements of the EPA Certification and the State of Washington WAC 173-433-100(3).
	Pellet (biomass) stoves and furnaces are in accordance with the requirements of ASTM E1509 or are EPA certified.
	Masonry heaters are in accordance with the definitions in ASTM E1602 and ICC IBC, Section 2112.1.
12.1.902.4	**HVAC System Protection.** One of the following HBAC system protection measures is performed.
(1)	HVAC supply registers (boots), return grilles, and rough-ins are covered during construction activities to prevent dust and other pollutants from entering the system.
12.1.903.2	**Duct insulation.** All newly installed, exposed, or modified All HVAC ducts, plenums, and trunks in unconditioned attics, basements, and crawl spaces are insulated to a minimum of R-6. Outdoor air supplies to ventilation systems are insulated to a minimum of R-6.
12.2	**KITCHEN REMODELS**
12.2.0	**Applicability.** In addition to the practices listed in Section 12.1, the following practices are mandatory for all kitchen remodels.
12.2.607.1	**Recycling.** Recycling by the occupants is facilitated by means of a built-in collection space in the kitchen and an aggregation/collection space in a garage, covered outdoor space, or other area for recycling containers.
12.3	**BATHROOM REMODELS**
12.3.611.3	**Universal design elements.** Where existing stud walls are exposed and where new walls are constructed, blocking or equivalent is installed to accommodate the future installation of grab bars at water closet(s) and bathing fixtures(s).

	[NEW MATERIAL] Chapter 12
	REMODELING OF FUNCTIONAL AREAS AND SMALL ADDITIONS
Item #	Green Building Practices
12.3.801.4	**Showerheads.** The total maximum combined flow rate of all newly installed showerheads that are controlled by a single valve at any point in time in a shower compartment is 1.6 to less than 2.5 gpm. Maximum of two valves are installed per shower compartment. The flow rate is tested at 80 psi (552 kPa) in accordance with ASME A112.18.1. Showerheads are served by an automatic compensating valve that complies with ASSE 1016 or ASME A112.18.1 and specifically designed to provide thermal shock and scald protection at the flow rate of the showerhead.
12.3.801.5.1	**Faucets.** Newly installed lavatory faucets have a maximum flow rate of 1.5 gpm (5.68 L/m) or less when tested at 60 psi (414 kPa) in accordance with ASME A112.18.1.
12.3.801.6	**Water Closets.** All newly installed water closets have an effective flush volume of 1.28 gallons (4.85 L) or less when tested in accordance with ASME A112.19.2 or ASME A112.19.14, as applicable, and is in accordance with EPA WaterSense Tank-Type Toilets.
12.4	BASEMENT REMODELS
12.4.0	**Applicability.** In addition to the practices listed in Section 12.1, the following practices are mandatory for all basement remodels.
12.4.2	**Kitchen.** When the basement remodel includes a kitchen, the remodel shall also comply with the practices in Section 12.2.
12.4.3	**Bathroom.** When the basement remodel includes a bathroom, the remodel shall also comply with the practices in Section 12.3.
12.4.4	**Radon control.** Passive or active radon control system is installed in accordance with ICC IRC Appendix F unless a radon test is performed demonstrating that the level is less than the USEPA mitigation action level of 4 pCi/L. (The USEPA recommends, but does not require, mitigation between 2 and 4 pCi/L) or unless it is structurally infeasble.
12.5	ADDITIONS
12.5.0	**Applicability.** In addition to the practices listed in Section 12.1, the following practices are mandatory for all addition remodels.
12.5.1	**Kitchen.** When the addition includes a kitchen, the remodel shall also comply with the practices in Section 12.2.

	[NEW MATERIAL] Chapter 12
	REMODELING OF FUNCTIONAL AREAS AND SMALL ADDITIONS
Item #	Green Building Practices
12.5.2	**Bathroom.** When the addition includes a bathroom, the remodel shall also comply with the practices in Section 12.3.
12.5.602.1.9	**Flashing.** Flashing is provided for the addition and for the intersection where the addition joins the existing building, to minimize water entry into wall and roof assemblies and to direct water to exterior surfaces or exterior water-resistive barriers for drainage. Flashing details are provided in the construction documents and are in accordance with the fenestration manufacturer's instructions, the flashing manufacturer's instructions, or as detailed by a registered design professional. Flashing is installed at all of the following locations, as applicable:
(a)	around exterior fenestrations, skylights and doors
(b)	at roof valleys
(c)	at all building-to-deck, -balcony, -porch, and -stair intersections
(d)	at roof-to-wall intersections, at roof-to-chimney intersections, at wall-to-chimney intersections, and at parapets.
(e)	at ends of an under masonry, wood, or metal copings and sills
(f)	above projecting wood trim
(g)	at built-in roof gutters and canales, and
(f)	drip edge is installed at eaves and rake edges.
12/5/602/1/14	**Ice barrier.** In areas where there has been a history of ice forming along the eaves causing backup of water, an ice barrier is installed on the addition in accordance with the ICC IRC at roof eaves of pitched roofs and extends a minimum of 24 inches (610 mm) inside the exterior wall line of the building.
12.5.602.1.15	**Architectural features.** New architectural features that increase the potential for water intrusion are avoided.
(1)	No roof configurations that create horizontal valleys in roof designs.
(2)	No recessed windows and architectural features that trap water on horizontal surfaces.
(3)	All horizontal ledgers are sloped away to provide gravity drainage as appropriate for the application.
12.5.902.3	**Radon control.** Passive or active radon control system is installed in accordance with ICC IRC Appendix F unless a radon test is performed in the existing house demonstrating that the level is less than the USEPA mitigation action level of 4 pCi/L. (The USEPA recommends, but does not require, mitigation between 2 and 4 pCi/L).

Section 6. Exhibit A, Chapter VII SFCC 1987 (being Ord. #2009-9, as amended) is amended to create a new Appendix B:

[NEW MATERIAL] APPENDIX B
WHOLE BUILDING VENTILATION SYSTEM SPECIFICATIONS

B100 SCOPE AND APPLICABILITY

B101.1 Applicability of Appendix B. Appendix B is part of this standard.

B101.2 Scope. The provisions contained in Appendix B provide the specifications necessary for complying with Section 902.2.1 for the installation of whole building ventilation systems. To receive points for implementing Practice 902.2.1, the chosen whole building ventilation system is to be in accordance with the applicable specifications of Appendix B.

B191.3 Acknowledgment. The text of Appendix B, Section B200 and related Tables are extracted from ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.) Standard 62.2-2010 *Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings,* Section 4, and is used with the permission of ASHRAE. The referenced Section and Table numbers within the extracted text are modified to be applicable to Appendix B of this Standard. "*" indicates added reference to ICC or ASHREA 62.2 to provide clarity.

B200 WHOLE-BUILDING VENTILATION

B201.1 Ventilation Rate. A mechanical exhaust system, supply system, or other combination thereof shall be installed for each dwelling unit to provide whole-building ventilation with outdoor air each hour at no less than the rate specified in Tables B201.1a and B201.1b or, equivalently, Equations B201.1a and B201.1b, based on the floor area of the conditioned space and number of bedrooms.

B201.1.2 Alternative Ventilation. Other methods may be used to provide the required ventilation rates (of Tables B201.1a and B201.1b) when approved by a licensed design professional.

Equation B201.1a

$$Q_{fan} = 0.01A_{floor} + 7.5(N_{br} + 1)$$

where

Q_{fan} = fan flow rate, cfm

A_{floor} = floor area, ft^2

N_{br} = number of bedrooms; not to be less than one

Equation B201.1b

$$Q_{fan} = 0.05A_{floor} + 3.5(N_{br} + 1)$$

where

Q_{fan} = fan flow rate, L/s

A_{floor} = floor area, m^2

N_{br} = number of bedrooms; not to be less than one

[NEW MATERIAL] APPENDIX B
WHOLE BUILDING VENTILATION SYSTEM SPECIFICATIONS

TABLE B201.1a (I-P)
Ventilation Air Requirements, cfm

Floor Area (ft^2)	Bedrooms 0-1	2-3	4-5	6-7	>7
<1500	30	45	60	75	90
1501-3000	45	60	75	90	105
3001-4500	60	75	90	105	120
4501-6000	75	90	105	120	135
6001-7500	90	105	120	135	150
>7500	105	120	135	150	165

TABLE B201.1b (SI)
Ventilation Air Requirements, L/s

Floor Area (m^2)	Bedrooms 0-1	2-3	4-5	6-7	>7
<139	14	21	28	35	42
139.1-279	21	28	35	42	50
279.1-418	28	35	42	50	57
418.1-557	35	42	50	57	64
557.1-697	42	50	57	64	71
>697	50	57	64	71	78

B201.2 System Type. The whole-house ventilation system shall consist of one or more supply or exhaust fans and associated ducts and controls. Local exhaust fans shall be permitted to be part of a mechanical exhaust system. Outdoor air ducts connected to the return side of an air handler shall be permitted as supply ventilation if manufacturers' requirements for return air temperature are met. See ASHRAE 62.2*, Appendix B for guidance on selection of methods.

B201.3 Control and Operation. The "fan on" switch on a heating or air-conditioning system shall be permitted as an operational control for systems introducing ventilation air through a duct to the return side of an HVAC system. Readily accessible override control must be provided to the occupant. Local exhaust fan switches and "fan on" switches shall be permitted as override controls. Controls, including the 'fan-on" switch of a conditioning system, must be appropriately labeled.

Exception: An intermittently operating, whole-house mechanical ventilation system may be used if the ventilation rate is adjusted according to the exemption to Section B201.4. The system must be designed so that it can operate automatically based on a timer. The intermittent mechanical ventilation system must operate at least one hour out of every twelve.

Equation B201.4

$$Q_f = Q_r / (\varepsilon f)$$

[NEW MATERIAL] APPENDIX B
WHOLE BUILDING VENTILATION SYSTEM SPECIFICATIONS

where

Q_f = fan flow rate

Q_r = ventilation air requirement (from Table B201.1a or B201.1b)

ε = ventilation effectiveness (from Table B201.1)

f = fractional on time

if the system runs at least every three hours, 1.0 can be used as the ventilation effectiveness. (See *ASHRAE 62.2**, Appendix B for an example of this calculation.)

TABLE B201.4
Ventilation Effectiveness for Intermittent Fans

Daily Fractional On-Time, f	Ventilation Effectiveness, ε
$f \leq 35\%$	0.33
$35\% \leq f < 60\%$	0.50
$60\% \leq f < 80\%$	0.75
$80\% \leq f$	1.0

APPROVED AS TO FORM:

KELLEY A. BRENNAN, INTERIM CITY ATTORNEY

M/Melisa/Bills 2014/Green Code_Res Add and Remodels

Public Works Committee
Item #19(B)

CITY OF SANTA FE, NEW MEXICO
PROPOSED AMENDMENT(S) TO RESOLUTION NO. 2014-___
(Green Code – Administrative Procedures)

Mayor and Members of the City Council:

I propose the following amendment(s) to Resolution No. 2014-____:

1. On page 1, line 24, ***delete***, "thesize" and ***insert*** "the size" in lieu thereof

2. On page 2, line 17, ***delete***, "RAGC" and ***insert*** "RGBC" in lieu thereof

Respectfully submitted,

_____
Councilor Chris Calvert

ADOPTED: _____
NOT ADOPTED: _____
DATE: _____

_____
Yolanda Y. Vigil, City Clerk

CITY OF SANTA FE, NEW MEXICO

RESOLUTION NO. 2014-__

INTRODUCED BY:

Councilor Chris Calvert

Councilor Peter Ives

Councilor Patti Bushee

A RESOLUTION

AMENDING THE *ADMINISTRATIVE PROCEDURES FOR THE SANTA FE RESIDENTIAL GREEN BUILDING CODE* ("RGBC") TO GRANT THE LAND USE DIRECTOR THE AUTHORITY TO MAKE ADMINISTRATIVE CHANGES TO THE TO RGBC USER'S GUIDE AND TO ADD ITEM 802.6 TO THE USER'S GUIDE; ADOPTING ADMINISTRATIVE PROCEDURES FOR THE CITY OF SANTA FE RESIDENTIAL ADDITION AND REMODEL GREEN BUILDING CODE ("RARGBC"); AND DIRECTING STAFF TO CREATE A USER'S GUIDE FOR THE RARGBC.

WHEREAS, on March 11, 2009, the Governing Body adopted Resolution No. 2009-42 which approved the administrative procedures for the Santa Fe Residential Green Building Code; and

WHEREAS, on July 8, 2009, the Governing Body adopted Resolution No. 2009-73 that amended the administrative procedures to provide equitable requirements for different heating and air conditioning equipment that result in higher greenhouse gas emissions than the equivalent code-minimum equipment; and to better align items with their purpose for thesize of trees at planting and for water efficient fixtures; and

WHEREAS, on July 29, 2010, the Governing Body adopted Resolution No. 2010-63 that amended the administrative procedures to create a graduated home energy rating system (HERS) requirement based on heated square footage; and

WHEREAS, on January 11, 2012, the Governing Body adopted Resolution No. 2012-12 that amended the administrative procedures to be consistent with the updated National Green Building Standard and to streamline the process; and

WHEREAS, the Governing Body desires to amend the RGBC administrative procedures to grant the Land Use Director the authority to administratively amend the RGBC User Guide and to amend the RGBC User Guide to provide guidance on how to meet requirements for installing rough plumbing for future grey water use; and

WHEREAS, the Governing Body adopted Ordinance No. 2014-___ on _____, 2014 to create a new Subsection 7-4.3 SFCC 1987, Residential Addition and Remodel Green Building Code for single family attached and detached; and

WHEREAS, in accordance with such Ordinance, there is a need for the Governing Body to adopt administrative procedures for the "RARGBC".

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF SANTA FE that Section 8 of the RAGC Administrative Procedures is amended as follows:

8. <u>USER'S GUIDE</u>

[~~The User's Guide provides additional information on each checklist item. The User's Guide shall be used in the administration of the checklist and to inform how conflicts are resolved. The User's Guide follows:~~] <u>A User's Guide shall be maintained and provided by the Land Use Director. The User's Guide provides additional information on each RARGBC item. The User's Guide shall be used in the administration of the checklist and to inform how conflicts are resolved. The User's Guide may be amended, from time to</u>

time, by the Land Use Director.

BE IT FURTHER RESOLVED that item 802.6 is added to the User's Guide of the RGBC Administrative Procedures for the Santa Fe Residential Green Building Code as follows:

802.6 Rough plumbing shall be installed for future use of gray water for landscaping is required.

Intent:

Encourage and facilitate use of gray water for landscaping, thereby reducing the amount of potable water used for landscaping.

Additional Information / How to Implement:

In New Mexico, a state permit is not required to apply less than 250 gallons per day of private residential gray water for a resident's household gardening, composting or landscape irrigation if the conditions described below are met.

1. Gray water systems designed to discharge more than 250 gallons per day require a permit from the New Mexico Environment Department.
2. Gray water should not be used in vegetable gardens to irrigate root crops or edible parts of food crops that touch the soil. However, gray water can be used on fruit trees.
3. The gray water distribution system must be constructed so that overflow from the system drains into the sanitary sewer or septic system. In some cases, a liquid waste permit may be necessary if an on-site septic system is modified.
4. If gray water is going to be stored, it should not be held more than 24 hours to prevent growth of bacteria. A gray water storage tank must be covered to restrict access and to eliminate habitat for mosquitoes or other vectors.
5. Gray water should be discharged only in areas where there is vertical separation of at least five feet between the point of discharge and the ground water table to protect ground water resources from possible contamination. Current liquid waste disposal

regulations require that gray water not be applied within 100 feet of a domestic well or within 200 feet of a public water supply.

6. The gray water system must not be located in any area susceptible to flooding.
7. Gray water pressure piping should be clearly identified as carrying non-potable water and not be connected with the drinking water system. (Purple pipe is traditionally used to denote gray water piping, but any easy-to-identify labeling is sufficient.) Alterations or additions to a plumbing system should be made by a licensed plumber, or a homeowner must apply for a homeowner's plumbing permit.
8. Gray water must be used on the site where it is generated and may not run off the property.
9. Gray water should be applied in a manner that minimizes the potential for contact with people or domestic pets. To avoid contact, gray water must be applied to a mulched area or through a subsurface piping or irrigation system.
10. Ponding of gray water is prohibited, and application of gray water must be managed to minimize standing water, encourage infiltration, and prevent over-saturation of the soil.
11. Gray water must not be sprayed.
12. Gray water must not be discharged to a watercourse. Current liquid waste disposal regulations require that discharges of gray water be made at least 100 feet from streams or lakes or 25 feet (plus the depth of the arroyo) from an arroyo.
13. Gray water use shall comply with all applicable municipal or county ordinances, local building codes, state laws, and related regulations and guidelines.

Resources

New Mexico Office of the State Engineer, *Using Gray Water in New Mexico's Residential Landscape,* http://www.nmenv.state.nm.us/P2/documents/Gray_Water.pdf

BE IT FURTHER RESOLVED that the Governing Body hereby adopts the Administrative

Procedures for the City of Santa Fe Residential Addition and Remodel Green Building Code, attached hereto as Exhibit A.

BE IT FURTHER RESOLVED that staff is directed to draft a User's Guide for the RARGBC.

PASSED, APPROVED and ADOPTED this ____ day of _____, 2014.

_____

DAVID COSS, MAYOR

ATTEST:

_____

YOLANDA Y. VIGIL, CITY CLERK

APPROVED AS TO FORM:

Kelley A. Brennan

KELLEY A. BRENNAN, INTERIM CITY ATTORNEY

M/Melissa/Resolutions 2014/Green Code Administrative Procedures

EXHIBIT "A"

Administrative Procedures for the City of Santa Fe Residential Addition and Remodel Green Building Code (RARGBC)

1. PURPOSE

The purpose of these administrative procedures is to establish procedures for the City of Santa Fe (herein "City") staff, boards, commissions or committees, the Governing Body and any agent of the City to implement and administer the Residential Addition and Remodel Green Building Code (RARGBC).

2. SCOPE

This document and its attachment (the "administrative procedures") set forth responsibilities, procedures, standards for administrative actions necessary to implement the RARGBC ordinance, which include but are not limited to the following:

2.1 Submitting and reviewing applicable residential addition and/or remodel building permit requests and determining compliance with the provisions of RARGBC for single-family residential addition and/or remodel permits.

2.2 Reviewing and approving Residential Addition and Remodel Green Building Code Chapter 11 checklists (herein called "RARGBC Chapter 11 checklists") and/or the requirements of Chapter 12, as applicable, with building permit applicants to ensure compliance with the RARGBC ordinance and these administrative procedures.

2.3 Monitoring the performance of building permit holders subject to such checklists, these administrative procedures (herein, collectively called "the permit holder") and taking appropriate action in the event of noncompliance.

3. RESPONSIBILITY FOR ADMINISTRATION

3.1 **Land Use Director** – The Land Use Director shall be responsible for the following functions with regard to administration of the RARGBC ordinance and these administrative procedures (herein, collectively called "RARGBC") set forth below.

3.1.1 Administering all functions of RARGBC.

3.1.2 Administering those parts of the ordinance that permit or require the City to development incentives under the prevue of the Land Use Department.

3.1.3 Requiring that applicants prepare RARGBC Chapter 11 checklists as part of all single family residential addition and/or remodel building permits

subject to Chapter 11 of the RARGBC and submit them to the Green Building Code Administrator within the Land Use Department.

3.1.4 Approving proposed RARGBC Chapter 11 checklists for complying with RARGBC Chapter 11 from an applicant.

3.1.5 Where applicable and upon the City Manager's instruction, invoking sanctions for non-compliance with the requirements of the RARGBC, upon the request of the Land Use Department.

3.1.6 Performing other functions described as the responsibility of the Land Use Department in the RARGBC ordinance or these administrative procedures.

3.1.7 Providing forms, information, technical assistance and certifications with regard to compliance with the RARGBC ordinance.

3.1.8 Monitoring compliance with RARGBC requirements.

3.1.9 Determining when sanctions for noncompliance should be invoked, and requesting the city manager to direct that appropriate city departments take appropriate action.

3.1.10 Performing other functions not specifically described in the RARGBC ordinance or these administrative procedures, but essential for successful administration of RARGBC and within the powers and abilities of the department.

3.1.11 Land Use Department responsibilities do not include or supersede those responsibilities set forth in Chapter 14 SFCC.

3.1.12 Administration of the RARGBC shall be delegated to a Green Code Building Administrator or other staff in the Land Use Department. The staff shall be responsible for the day-to-day administration of the department's responsibilities, and shall specifically be responsible for:

a. Assuring that monitoring of compliance with RARGBC Chapter 11 checklists or requirements of Chapter 12, as applicable, takes place, and in the event of noncompliance, requesting that the city manager request action by appropriate departments with regard to the department's responsibilities for administering RARGBC.

b. Coordinating, training and monitoring the department's staff and any appropriate agent of the department with regard to the department's or agent's responsibilities for administering RARGBC.

c. Performing other duties as described in the RARGBC ordinance or these administrative procedures.

3.3 **City Attorney's Office** – This office or its agent shall be responsible for the following functions with regard to administration of RARGBC:

3.3.1 Providing legal assistance when requested by the Land Use Department or City Manager.

3.3.2 Assisting in the interpretation of RARGBC Chapter 11 checklist items or requirements of Chapter 12 when there is a disagreement.

3.3.3 When requested by the City Manager or Governing Body, pursuing such legal actions as may be necessary to enforce the Residential Addition and Remodel Green Building Code or Chapter 11 checklists, if such actions are permitted by common law, state statutes, any ordinance and/or any agreement.

3.4 **Green Building Mediation Team** - A Green Building Mediation team including a residential building contractor and Building Codes Expert shall be constituted to try and reach an agreement when a conflict arising between the Green Building Codes Administration and a Permit Applicant or Permit Holder.

3.5 **Governing Body** – The Governing Body shall be responsible for reviewing, and approving or denying, appeals of decisions of city departments or commissions with respect to RARGBC requirements.

4. APPLICABILITY

4.1 **Developments and Actions Subject to RARGBC** – Except as provided in this paragraph, RARGBC applies to any applications for additions or remodels affecting 50% or more of the heated square footage of a single-family residence.

4.1.1 The RARGBC applies to new construction

4.1.2 It shall be the responsibility of the applicant to determine the applicability of RARGBC to the proposed single-family residential addition and/or remodel building permit and comply with the requirements of RARGBC.

5. DEFINITIONS

Applicant means a property owner or agent of a property owner who submits a development request to the city which is subject to the Residential Addition and Remodel Green Building Code.

City means the city of Santa Fe or its agent.

City Attorney's Office means the City Attorney's Office of the City of Santa Fe, its agent or successor.

City Code means Santa Fe City Code 1987 (SFCC 1987).

Land Use Director means the director of the Land Use Department or the director's designee.

RARGBC means the Residential Addition and Remodel Green Building Code

RARGBC Chapter 11 Checklist means a Chapter 11 checklist filed with the City by a building permit applicant for a single-family residence building permits for additions and remodels subject to Chapter 11 of the RARGBC.

6. RARGBC CHAPTER 11 CHECKLISTS

Following are standards and procedures for preparation, review and approval of RARGBC Chapter 11 checklists:

6.1 **Requirement for RARGBC Chapter 11 Checklists** – RARGBC Chapter 11 checklists shall be required by the City for all single-family residential addition and remodeling building permits subject to Chapter 11 of the RARGBC. RARGBC Chapter 11 checklists shall be approved by the Land Use Department prior to issuance of the building permit.

6.2 **Scope and Content of RARGBC Chapter 11 Checklists** – RARGBC Chapter 11 checklists shall include all of the following:

6.2.1 A completed proposed Chapter 11 checklist showing all checklist items and associated points the permit applicant is agreeing to comply that meet the requirements of the permit application.

6.2.2 The permit applicant's requirements for providing the City or its agent with verification of compliance with the RARGBC Chapter 11 checklist.

6.2.3 Provisions granting access to the City or its agent to inspect records and construction sites.

6.3 **Other Terms that Apply to all RARGBC Chapter Checklists and all projects subject to Chapter 12** – The following terms and conditions shall apply to all RARGBC Chapter 11 checklists and all building projects subject to Chapter 12:

6.3.1 The City's obligation to give notice in writing and in a timely fashion of violations including what actions are needed to correct the violation and time frame for compliance.

6.3.2 The City's right to impose sanctions or take other actions after notice of violation has been given and not complied with.

6.3.3 The expiration date of the checklist shall be the same as for the building permit.

6.3.4 The name of the qualified organization or organizations that has been engaged to provide any required thermal bypass inspection.

6.4 **Submission of RARGBC Chapter 11 Checklists** – A RARGBC Chapter 11 checklist shall be submitted with any single-family residential addition building permit request for additions greater than 400 conditioned square feet or any single-family residential remodel building permit for remodels affecting 50% or more of the heated square feet of the structure to the City.

6.5 **Review of RARGBC Chapter 11 Proposals** – After submittal, each RARGBC Chapter 11 checklist shall be reviewed by the Green Building Code Administrator or their designee. After review, the Green Building Code Administrator shall take one of two actions with regard to a RARGBC Chapter 11 checklist:

6.5.1 Approve the RARGBC Chapter 11 checklist if the checklist meets RARGBC Chapter 11 requirements.

6.5.2 Disapprove the RARGBC Chapter 11 checklist and refer it back to the applicant if it does not meet RARGBC Chapter 11 requirements. In this case, the Green Building Codes Administrator shall make written comments regarding the checklist's deficiencies.

6.6 **Re-submittal of RARGBC Chapter 11 Checklists After Disapproval** -- If a RARGBC Chapter 11 checklist has been disapproved, an applicant may resubmit revised checklists until the checklist is compliant with the RARGBC Chapter 11 requirements.

6.7 **Appeals** – A permit applicant or holder may appeal actions of the City with regard to RARGBC as follows:

6.7.1 An applicant may appeal if:

a. The permit applicant believes that City staff misinterpreted the RARGBC requirements in disapproving the RARGBC Chapter 11 checklist, and the checklist as written conforms to RARGBC requirements; or

b. The permit applicant is aggrieved by any other action of the City with regard to RARGBC.

6.7.2 All such appeals shall be made on forms provided by the Land Use Department, and must be accompanied by a description of the City action which is being appealed and the grounds for appeal. If the applicant is appealing staff disapproval of a RARGBC Chapter 11 checklist, the appeal must be accompanied by:

a. A proposed RARGBC Chapter 11 checklist that has been disapproved by staff; and

b. Staff comments on the RARGBC Chapter 11 checklist, including the reasons for disapproval of the checklist.

6.7.3 Appeals of staff decisions shall be heard by a Green Building Code Mediation Team. If resolution cannot be found, the appeal will then be heard by the Governing Body.

6.7.4 If a RARGBC checklist is subject to appeal, the outcome of the appeal process may determine whether the permit applicant is entitled to certain incentives. In this case, the permit applicant may choose one of the following options with regard to continued processing of the building permit:

a. Processing may be suspended until the appeal is heard and decided.

b. Processing may be continued. In this case, the permit applicant may determine whether to incorporate into his or her checklist any building permit incentives which are subject to the outcome of the appeal.

6.8 **Approval of Building Permits Subject to RARGBC Chapter 11** – No building permits subject to RARGBC Chapter 11 requirements may be approved by City Staff unless a RARGBC checklist has been approved in compliance with the RARGBC by the Land Use Department or appealed. Such RARGBC checklist presented by the permit applicant shall correspond to the building permit as approved by City.

6.9 **Execution of RARGBC Chapter 11 Checklists** – After the RARGBC Chapter 11 checklist has been approved by the Green Building Codes Administrator. The checklist shall be filed in the Land Use Department and monitored as implemented.

6.10 **Noncompliance with Checklists** – It shall be unlawful for any building permit holder subject to RARGBC to violate any provision of or fail to comply with any of the requirements of RARGBC. Whenever the city finds that a building permit

holder has violated or is violating a requirement of the RARGBC or of a RARGBC Chapter 11 checklist, the city shall issue a written notice of violation. The notice of violation shall:

6.10.1 Set forth the specific violation found;

6.10.2 Establish a specific and reasonable period of time for the correction of the violation found;

6.10.3 State that failure to comply with the notice may result in the following sanctions, depending upon which is deemed most effective and appropriate considering the nature of the noncompliance:

a. Issuing stop work orders

b. Revoking building permits

c. Withholding or revoking certificates of occupancy or final inspection

6.10.4 The notice shall be hand delivered to the building permit holder or mailed registered mail, return receipt requested to the address listed on the building permit.

6.10.5 The Notice shall inform the permit holder that he may request a hearing prior to any sanction being imposed.

6.11 **Non-Compliance Hearings** – In the event that a property owner notified of a violation requests a hearing, the hearing shall be conducted by the director of the Land Use Department after giving notice to the person requesting the hearing.

6.11.1 All parties shall be allowed to respond and present evidence and argument on all issues involved.

6.11.2 A record of the hearing shall be made

6.11.3 Findings of fact shall be based exclusively on the evidence presented and on matters officially noticed

6.11.4 Notice of the final decision shall be in writing and hand delivered to the permit holder or mailed registered mail, return receipt requested to the last-known address.

6.11.5 Decisions by the director of the Land Use Department shall be final and may be appealed in district court.

6.12 **Legal Action and Potential Fines** – If a property owner fails to comply with, the final decision of the director of the Land Use Department, the Land Use Department shall notify the City Manager of the non-compliance and request that applicable sanctions be imposed.

7. SEPARABILITY

The provisions of these administrative procedures are separable and the invalidity of any part of these provisions shell not affect the validity of the rest of these provisions.

8. USER'S GUIDE

A User's Guide shall be maintained and provided by the Land Use Director. The User's Guide provides additional information on each RARGBC item. The User's Guide shall be used in the administration of the checklist and to inform how conflicts are resolved. The User's Guide may be amended, from time to time, by the Land Use Director.

FIR No. 2481

City of Santa Fe
Fiscal Impact Report (FIR)

This Fiscal Impact Report (FIR) shall be completed for each proposed bill or resolution as to its direct impact upon the City's operating budget and is intended for use by any of the standing committees of and the Governing Body of the City of Santa Fe. Bills or resolutions with no fiscal impact still require a completed FIR. Bills or resolutions with a fiscal impact must be reviewed by the Finance Committee. Bills or resolutions without a fiscal impact generally do not require review by the Finance Committee unless the subject of the bill or resolution is financial in nature.

Section A. **General Information**

(Check) Bill: X Resolution: X
(A single FIR may be used for related bills and/or resolutions)

Short Title(s): Residential Addition and Remodel Green Building Code and Administrative Procedures and Gray Water Requirement for the Residential Green Building Code and Administrative Procedures amendment.

Sponsor(s): Councilor Calvert

Reviewing Department(s): Public Utilities Department, Environmental Services Division, Sustainable Santa Fe Program, and Land Use Department

Person Completing FIR: Katherine Mortimer Date: 1/7/14 Phone: X2262

Reviewed by City Attorney: (Signature) Date: 1/8/14

Reviewed by Finance Director: (Signature) Date: 1/8/14

Section B. **Summary**

Briefly explain the purpose and major provisions of the bill/resolution.

To adopt a green building code that reduces the environmental impacts of additions and remodels to single-family residences and to add the requirement to provide for gray water piping from at least one plumbing fixture to the Residential Green Building Code and Administrative Procedures.

Section C. **Fiscal Impact**

Note: Financial information on this FIR does not directly translate into a City of Santa Fe budget increase. For a budget increase, the following are required:

a. The item must be on the agenda at the Finance Committee and City Council as a "Request for Approval of a City of Santa Fe Budget Increase" with a definitive funding source (could be same item and same time as bill/resolution)
b. Detailed budget information must be attached as to fund, business units, and line item, amounts, and explanations (similar to annual requests for budget)
c. Detailed personnel forms must be attached as to range, salary, and benefit allocation and signed by Human Resource Department for each new position(s) requested (prorated for period to be employed by fiscal year)*

1. Projected Expenditures:

a. Indicate Fiscal Year(s) affected – usually current fiscal year and following fiscal year (i.e., FY 03/04 and FY 04/05)
b. Indicate: "A" if current budget and level of staffing will absorb the costs
"N" if new, additional, or increased budget or staffing will be required
c. Indicate: "R" – if recurring annual costs
"NR" if one-time, non-recurring costs, such as start-up, contract or equipment costs
d. Attach additional projection schedules if two years does not adequately project revenue and cost patterns
e. Costs may be netted or shown as an offset if some cost savings are projected (explain in Section 3 Narrative)

_____ Check here if no fiscal impact

Column #: 1	2	3	4	5	6	7	8
Expenditure Classification	FY 14/15	"A" Costs Absorbed or "N" New Budget Required	"R" Costs Recurring or "NR" Non-recurring	FY _____	"A" Costs Absorbed or "N" New Budget Required	"R" Costs – Recurring or "NR" Non-recurring	Fund Affected
Personnel*	$ 97,608	N	R	$			General
Fringe**	$27,300	N	R	$			General
Capital Outlay	$			$			
Land/ Building	$			$			
Professional Services	$			$			
All Other Operating Costs	$24,000	N	NR	$			
Total:	$148,908***			$			

* Any indication that additional staffing would be required must be reviewed and approved in advance by the City Manager by attached memo before release of FIR to committees. **For fringe benefits contact the Finance Dept. *** See Section 3 below for more information.

2. Revenue Sources:

a. To indicate new revenues and/or

b. Required for costs for which new expenditure budget is proposed above in item 1.

Column #: 1	2	3	4	5	6
Type of Revenue	FY _____	"R" Costs Recurring or "NR" Non-recurring	FY _____	"R" Costs – Recurring or "NR" Non-recurring	Fund Affected
	$		$		
	$		$		
	$		$		
Total:	$		$		

3. Expenditure/Revenue Narrative:

Explain revenue source(s). Include revenue calculations, grant(s) available, anticipated date of receipt of revenues/grants, etc. Explain expenditures, grant match(s), justify personnel increase(s), detail capital and operating uses, etc. (Attach supplemental page, if necessary.)

The Land Use Department may need 2 new FTE's. One FTE for a building plans examiner and one FTE for a construction inspector. The first year there would also be non-recurring expenses for training, texts, equipment and one vehicle. When the Residential Green Building Code was adopted in 2009 the FIR identified 1.5 FTEs for the Land Use Department to staff implementation of that Code. However, when the number of building permits declined during the economic downturn, a decision was made to use existing staff rather than expand. While the number of building permits is now returning to historic levels, the Land Use Department is implementing a strategy to create greater efficiency in plan review and inspection processes where attrition in certain positions has allowed the creation of multi-certified plans examiners which, if hirable, would likely obviate the need for additional FTEs in the near term.

Section D. **General Narrative**

1. Conflicts: Does this proposed bill/resolution duplicate/conflict with/companion to/relate to any City code, approved ordinance or resolution, other adopted policies or proposed legislation? Include details of city adopted laws/ordinance/resolutions and dates. Summarize the relationships, conflicts or overlaps.

This code is a companion code to the Residential Green Building Code and would expand the number of construction projects that would be built to green standards.

2. Consequences of Not Enacting This Bill/Resolution:

Are there consequences of not enacting this bill/resolution? If so, describe.

Should this bill and resolution not be enacted then residential additions and remodels would continue to be built to minimum code standards that would use more energy and water than this code would allow.

3. Technical Issues:

Are there incorrect citations of law, drafting errors or other problems? Are there any amendments that should be considered? Are there any other alternatives which should be considered? If so, describe.

No

4. Community Impact:

Briefly describe the major positive or negative effects the Bill/Resolution might have on the community including, but not limited to, businesses, neighborhoods, families, children and youth, social service providers and other institutions such as schools, churches, etc.

This bill and resolution would add some cost to addition and remodel projects, however, it would also reduce operating costs by reducing energy and water consumption.

Form adopted: 01/12/05; revised 8/24/05; 4/17/08

ACTION SHEET
ITEM FROM THE
PUBLIC WORKS/CIP AND LAND USE COMMITTEE MEETING
OF
MONDAY, JANUARY 6, 2014

ITEM 19

GREEN BUILDING CODE AMENDMENTS **(COUNCILORS CALVERT, IVES AND BUSHEE) (KATHERINE MORTIMER)**

A) REQUEST FOR APPROVAL OF AN ORDINANCE RELATING TO THE RESIDENTIAL GREEN BUILDING CODE; CREATING A NEW SUBSECTION 7-4.3 SFCC 1987, TO ESTABLISH A RESIDENTIAL ADDITION AND REMODEL GREEN BUILDING CODE FOR SINGLE FAMILY ATTACHED AND DETACHED; AMENDING EXHIBIT "A" TO CHAPTER VII TO CREATE A NEW CHAPTER 2 TO ESTABLISH DEFINITIONS, TO CREATE A NEW ITEM 802.6 REGARDING ROUGH PLUMBING FOR FUTURE USE OF GRAY WATER, TO CREATE NEW CHAPTERS 11 AND 12 TO ESTABLISH CHECKLISTS FOR REMODELING AND REMODELING OF FUNCTIONAL AREAS AND SMALL ADDITIONS AND TO CREATE A NEW APPENDIX B TO ESTABLISH WHOLE BUILDING VENTILATION SYSTEM SPECIFICATIONS

B) REQUEST FOR APPROVAL OF A RESOLUTION AMENDING THE ADMINISTRATIVE PROCEDURES FOR THE SANTA FE RESIDENTIAL GREEN BUILDING CODE ("RGBC") TO GRANT THE LAND USE DIRECTOR THE AUTHORITY TO MAKE ADMINISTRATIVE CHANGES TO THE RGBC USER'S GUIDE AND TO ADD ITEM 802.6 TO THE USER'S GUIDE; ADOPTING ADMINISTRATIVE PROCEDURES FOR THE CITY OF SANTA FE RESIDENTIAL ADDITION AND REMODEL GREEN BUILDING CODE ("RARGBC"); AND DIRECTING STAFF TO CREATE A USER'S GUIDE FOR THE RARGBC

PUBLIC WORKS COMMITTEE ACTION: Approved A and B with amendments that were passed out

SPECIAL CONDITIONS OR AMENDMENTS:

STAFF FOLLOW UP:

VOTE	FOR	AGAINST	ABSTAIN
CHAIRPERSON WURZBURGER			
COUNCILOR CALVERT	X		
COUNCILOR IVES	X		
COUNCILOR RIVERA	X		
COUNCILOR TRUJILLO	Excused		

order to determine if our fee was within reason and did cover operations.

Ms. Jesson said she could provide that.

Councilor Calvert moved to approve the requests. Councilor Rivera /seconded the motion and it passed by unanimous voice vote.

19. GREEN BUILDING CODE AMENDMENTS (COUNCILORS CALVERT, IVES AND BUSHEE) (KATHERINE MORTIMER)

- **REQUEST FOR APPROVAL OF AN ORDINANCE RELATING TO THE RESIDENTIAL GREEN BUILDING CODE; CREATING A NEW SUBSECTION 7-4.3 SFCC 1987, TO ESTABLISH A RESIDENTIAL ADDITION AND REMODEL GREEN BUILDING CODE FOR SINGLE FAMILY ATTACHED AND DETACHED; AMENDING EXHIBIT "A" TO CHAPTER VII TO CREATE A NEW CHAPTER 2 TO ESTABLISH DEFINITIONS, TO CREATE A NEW ITEM 802.6 REGARDING ROUGH PLUMBING FOR FUTURE USE OF GRAY WATER, TO CREATE NEW CHAPTERS 11 AND 12 TO ESTABLISH CHECKLISTS FOR REMODELING AND REMODELING OF FUNCTIONAL AREAS AND SMALL ADDITIONS AND TO CREATE A NEW APPENDIX B TO ESTABLISH WHOLE BUILDING VENTILATION SYSTEM SPECIFICATIONS**
- **REQUEST FOR APPROVAL OF A RESOLUTION AMENDING THE ADMINISTRATIVE PROCEDURES FOR THE SANTA FÉ RESIDENTIAL GREEN BUILDING CODE ("RGBC") TO GRANT THE LAND USE DIRECTOR THE AUTHORITY TO MAKE ADMINISTRATIVE CHANGES TO THE RGBC USER'S GUIDE AND TO ADD ITEM 802.6 TO THE USER'S GUIDE; ADOPTING ADMINISTRATIVE PROCEDURES FOR THE CITY OF SANTA FÉ RESIDENTIAL ADDITION AND REMODEL GREEN BUILDING CODE ("RARGBC"); AND DIRECTING STAFF TO CREATE A USER'S GUIDE FOR THE RARGBC**

Committee Review:

Public Utilities Committee (Scheduled)	02/15/14
Finance Committee (Scheduled)	01/21/14
Council (Request to Publish)	01/29/14
Council (Public Hearing)	02/26/14

Councilor Rivera said there was no FIR in his packet. He asked Ms. Mortimer to elaborate on that.

Ms. Mortimer said the impact would be the need for two added staff - one additional reviewer and one additional inspector. The impact was not finalized. There would be some fees for computers and software.

Councilor Rivera said it would be computers and a vehicle for the inspector. Ms. Mortimer agreed.

Councilor Rivera asked about the request for these positions.

Ms. Mortimer said she was working with Mr. O'Reilly on these.

Councilor Rivera assumed they couldn't do this work with existing staff.

Mr. O'Reilly explained that they were currently short two budgeted inspectors and might have them hired in 30 days. If they were able to hire those two special people with the skills needed for this work then they would not need any additional plan review positions.

Councilor Rivera asked if the fiscal impact was still up in the air.

Mr. O'Reilly responded that one of the bright spots in the city budget was that development was going on and that meant more work and they were now at the lowest staffing level since he started working here. There were certain things they could do with current staff but this would require more special and multiple skills. Budgets have been flat. In order to get multi-use staff, they would have to hire certified staff. The City had never had opportunity to do that. They had to wait until the time was right to hire strategic folks with multiple certifications - residential, commercial, plumbing and electrical. Those people were hard to find but if he could find them they would likely not need the extra positions shown here.

Councilor Rivera asked how that would be handled when new positions might or might not be needed.

Chair Wurzburger suggested the Committee could approve the concept but they would need clarity before it went forward.

Mr. O'Reilly said they would still achieve inspections within 24 hours on building inspections. That was the goal. By comparison, the State might have much longer waits. Building permits continued to rise and if it continues that way, they would need additional inspectors. They have already taken over inspections in the annexation area.

Chair Wurzburger thought it was confusing in this particular resolution whether these positions would be needed or would be there if this was approved.

Mr. O'Reilly reiterated that if they could find multi-certified people, they would not need additional staff. A commercial green building code would be entirely different.

Chair Wurzburger suggested adding language "unless the City were able to fill these vacant positions with qualified people."

Councilor Ives noted the resolution speaks to employment one way or another. It makes sense for the resolution. We could simply ask for clarification of the FIR.

Councilor Calvert was still a little unclear about it. If you didn't get these two filled with the right people, you would still need these two more. So if you didn't fill them with the people you need, he asked how much of that was attributable to this particular ordinance. He was trying to understand the incremental impact of this ordinance.

Mr. O'Reilly said the residential permits processed for remodels were two to three times the numbers for brand new structures. The green code takes work to help people comply with this. The one staff member they have now sometimes has to spend many hours on one application. That means he is overloaded. He hate to give up on the idea of having a group of multi-certified, cross-trained employees. If we can't find those people, we might have to cannibalize thee positions.

Chair Wurzburger thought they could modify the FIR. It was our goal as a city and in Mr. O'Reilly's department to get those multi-certified people.

Mr. O'Reilly said he and Ms. Mortimer could revise the FIR to make that clear.

Councilor Rivera felt no one was opposed to hiring additional staff so he suggested they put in the FIR that they could hire if more money was needed for those now being sought, versus hiring two more full-time employees with another vehicle and equipment. But it sounded like he would prefer the super reviewer.

Mr. O'Reilly agreed.

Councilor Rivera asked if it was a matter of money or lack of people to find.

Councilor Calvert thought they would find out this week.

Mr. O'Reilly thought it was both.

Councilor Ives moved to approve the request as amended. Councilor Calvert seconded the motion.

Councilor Calvert recalled they had a fiscal impact at the passing of the Green Code for 1.5 FTE and part of the deficit was from not hiring those people. It seemed they were laying the blame just on this ordinance but it was really two or three events.

Mr. O'Reilly added that it was partially due to the downturn in the economy and that saved us.

The motion passed by unanimous voice vote.

Councilor Calvert moved to approve the resolution as amended. Councilor Rivera /seconded the motion and it passed by unanimous voice vote.

20. MATTERS FROM STAFF

There were no matters from staff.

ACTION SHEET
PUBLIC UTILITES COMMITTEE MEETING OF 1/15/14

ISSUE NO. 17

Green Building Code Amendments. (Councilor Calvert, Councilor Ives and Councilor Bushee) (Katherine Mortimer)

a. Request for approval of Bill No. 2014-_____. An ordinance relating to the Residential Green Building Code; creating a new Subsection 7-4.3 SFCC 1987, to establish a residential addition and remodel green building code for singe family attached and detached; amending Exhibit "A" to chapter VII to create a new Chapter 2 to establish definitions, to create a new Item 802.6 regarding rough plumbing for future use of gray water, to create new Chapters 11 and 12 to establish checklists for remodeling and remodeling of functional areas and small additions and to create a new Appendix B to establish whole building ventilations system specifications. (Councilor Calvert, Councilor Ives and Councilor Bushee) (Katherine Mortimer)

b. Request for approval of Resolution No. 2014-_____. A Resolution amending the Administrative Procedures for the Santa Fe Residential Green Building ("RGBC") to grant the Land Use Director the authority to make administrative changes to the RGBC User's Guide and to add Item 802.6 to the User's Guide; adopting administrative procedures for the City of Santa Fe Residential Addition and Remodel Green Building Code ("RARGBC"); and directing staff to create a User's Guide for the RARGBC. (Councilor Calvert, Councilor Ives and Councilor Bushee) (Katherine Mortimer)

Public Works Committee – 1/6/14
Public Utilities Committee – 1/15/14
Finance Committee – 1/21/14
City Council (Request to Publish) – 1/29/14
City Council (Public Hearing) – 2/26/14

PUBLIC UTILITES COMMITTEE ACTION: Approved Item 17A and 17B.

SPECIAL CONDITIONS OR AMENDMENTS:

STAFF FOLLOW UP:

VOTE:	FOR	AGAINST	ABSTAIN
COUNCILOR CALVERT, CHAIR	X		
COUNCILOR TRUJILLO	X		
COUNCILOR DOMINGUEZ	X		
COUNCILOR DIMAS	Absent		
COUNCILOR RIVERA	X		

DISCUSSION AND ACTION ITEMS

17. GREEN BUILDING CODE AMENDMENTS (COUNCILOR CALVERT, COUNCILOR IVES AND COUNCILOR BUSHEE). (KATHERINE MORTIMER)

A. REQUEST FOR APPROVAL OF BILL NO. 2014- ___. AN ORDINANCE RELATING TO THE RESIDENTIAL GREEN BUILDING CODE; CREATING A NEW SUBSECTION 7-4.3 SFCC 1987, TO ESTABLISH A RESIDENTIAL ADDITION AND REMODEL GREEN BUILDING CODE FOR SINGLE FAMILY ATTACHED AND DETACHED; AMENDING EXHIBIT "A" TO CHAPTER VII TO CREATE A NEW CHAPTER 2 TO ESTABLISH DEFINITIONS, TO CREATE A NEW ITEM 802.6 REGARDING ROUGH PLUMBING FOR FUTURE OF GRAY WATER, TO CREATE NEW CHAPTERS 11 AND 12 TO ESTABLISH CHECKLISTS FOR REMODELING AND REMODELING OF FUNCTIONAL AREAS AND SMALL ADDITIONS AND TO CREATE A NEW APPENDIX B TO ESTABLISH WHOLE BUILDING VENTILATIONS SYSTEM SPECIFICATIONS (COUNCILOR CALVERT, COUNCILOR IVES AND COUNCILOR BUSHEE). (KATHERINE MORTIMER)

B. REQUEST FOR APPROVAL OF RESOLUTION NO. 2014- ___. A RESOLUTION AMENDING THE ADMINISTRATIVE PROCEDURES FOR THE SANTA FE RESIDENTIAL GREEN BUILDING ("RGBC") TO GRANT THE LAND USE DIRECTOR THE AUTHORITY TO MAKE ADMINISTRATIVE CHANGES TO THE RGBC USER'S GUIDE AND TO ADD ITEM 802.6 TO THE USER'S GUIDE; ADOPTING ADMINISTRATIVE PROCEDURES FOR THE CITY OF SANTA FE RESIDENTIAL ADDITION AND REMODEL GREEN BUILDING CODE ("RARGBC"); AND DIRECTING STAFF TO CREATE A USER'S GUIDE FOR THE RARGBC (COUNCILOR CALVERT, COUNCILOR IVES AND COUNCILOR BUSHEE). (KATHERINE MORTIMER)

Public Works Committee 01/06/14; Public Utilities Committee 01/15/14; Finance Committee 01/21/14; City Council (Request to Publish) 01/29/14; and City Council (Public Hearing) 02/26/14.

A Memorandum dated January 7, 2014, with attachments, from Katherine Mortimer, Environmental Services Division, to the Public Utilities Committee/Finance Committee, regarding Residential Addition and Remodel Green Building Code, is incorporated herewith to these minutes as Exhibit "2." Please see this Memo for specifics of this presentation.

It was the consensus among the Committee that a full presentation is not needed.

Mr. O'Reilly said, "Since we last spoke, we have pursued the potential hires I was describing. We are proceeding and getting closer to filling those positions. And since we're in the middle of continuing interviews, and haven't made any offers to anyone yet, I don't want to get into too many specifics, but let's just say things are looking favorable. And if those hires are made, I believe the FIR would go to zero for this particular bill.

Ms. Mortimer, at the request of the Chair, provided a brief summary or description of what the new Ordinance does. Pleas see Exhibit "5" for complete information on the proposed bill..

Chair Calvert said then the Green Building Code for new construction was a performance based code with a menu of choices, and asked how the proposed bill differs from that..

Ms. Mortimer said, "For larger remodels, those affecting 50% or more of the floor area or larger additions, over 400 sq. ft., it is also a menu, but there are fewer items – one chapter instead of six for new buildings. There are fewer things available in dealing with an existing building than when you're starting from scratch. For smaller additions, under 400 sq. ft., or remodels to kitchens, bathrooms and basements, there are some specific things, it's not a menu. There are prescriptive things you have to do."

Councilor Dominguez asked the reason why 400 sq. ft. was chosen.

Ms. Mortimer said, "That was the trigger that this particular Green Building standard that we modeled after uses, and so we accepted that number."

Councilor Dominguez asked, "Are there any triggers in Chapter 14, generally speaking, that have a 400 sq. ft. trigger."

Mr. O'Reilly said, "Yes. The Land Development Code is riddled with different square footage requirements for different kinds of things, all over the place, from the maximum square footages of guest houses, to percentages for remodels that causes one to lose a non-conformity, to 50% rules for building on steep slopes, to a 200 sq. ft. limit on decks before you have to get a Building Permit. There are all kinds of metrics mixed in with the Code. I'm not familiar with how the 400 sq. ft. was chosen for this particular bill."

Councilor Dominguez said, "That's the question that I have. In choosing 400 sq. ft., is this something that exists in Chapter 14 outside of the Green Building that supports that. Is that threshold of 400 sq. ft., does staff believe that's a reasonable size that won't impact people too much. If I want to do something that's really insignificant to my mind, but all of a sudden I have to comply."

Mr. O'Reilly said, "The 400 sq. ft. is not a number that is tied to anything in the Land Development Code. Whether 400 sq. ft. is significant or not, it's one of those things that.... dealing with these kinds of things on a day to day basis, it's really on a case by case basis for people. I'm not sure there is any analogy... I'll give you one example. There was a time when we had our impact fees set for guest houses at a set rate, and yet you can build a guest house in the City of Santa Fe at up to 1,500 sq. ft., which is bigger than some single family homes. And someone who would come in and was doing a little guest house, maybe 300 sq. ft., just for their grandmother to live in, and they would pay the same impact fee as someone building a 1,500 sq. ft. So one of the ways we addressed that was, when we rewrote Chapter 14, we created tiers within the guest house category so it was more fair. That's about the only sort of analogous thing I can think of. I think where you're trying to go is how do you choose 400, and maybe it should be 600 or maybe 200."

[Councilor Dominguez's remarks here are inaudible]

Ms. Mortimer said, "Under 400 sq. ft., you still have to comply with the Code, but it's the prescriptive, you must do these things. When you go over 400 sq. ft., then you have to choose from the menu of items, and yes, you will end up doing a few more things, but it's not a giant leap from under 400 to over 400."

Responding to Councilor Dominguez, "Right. That's the trigger this Code used and it was considered both by the Advisory Community that consisted of builders, architects, real estate agents, and people with different backgrounds relating to building in the City. And the staff here, when we reviewed it in terms of implementation, both of those groups felt that 400 seemed a reasonable number to make a trigger."

MOTION: Councilor Dominguez moved, seconded by Councilor Trujillo, to approve Item #17(A), as presented.

VOTE: The motion was approved unanimously on a voice vote.

MOTION: Councilor Dominguez moved, seconded by Councilor Trujillo, to approve Item #17(B), as presented.

VOTE: The motion was approved unanimously on a voice vote.

ACTION SHEET
CITY COUNCIL COMMITTEE MEETING OF 02/12/14
ITEM FROM FINANCE COMMITTEE MEETING OF 02/03/14

ISSUE:

19. Green Code – Residential Additions and Remodels. (Councilors Calvert, Ives and Bushee) (Katherine Mortimer)

A. Request for Approval of an Ordinance Relating to the Residential Green Building Code; Creating a new Subsection 7-4.3 SFCC 1987, to Establish a Residential Addition and Remodel Green Building Code for Single Family Attached and Detached; Amending Exhibit "A" to Chapter VII to Create a New Chapter 2 to Establish Definitions, to Create a new Item 802.6 Regarding Rough Plumbing for Future Use of Gray Water, to Create new Chapters 11 and 12 to Establish Checklists for Remodeling and Remodeling of Functional Areas and Small Additions and to Create a new Appendix B to Establish Whole Building Ventilation System Specifications.

B. Request for Approval of a Resolution Amending the *Administrative Procedures for the Santa Fe Residential Green Building Code* ("RGBC") to Grant the Land Use Director the Authority to Make Administrative Changes to the RGBC User's Guide and to Add Item 802.6 to the User's Guide; Adopting Administrative Procedures for the City of Santa Fe Residential Addition and Remodel Green Building Code ("RARGBC"); and Directing Staff to Create a User's Guide for the RARGBC.

Committee Review:

Public Works Committee (approved w/amendment)	01/06/14
Public Utilities Committee (approved)	01/15/14
Finance Committee (no quorum)	01/21/14
City Council (request to publish)	01/29/14
City Council (public hearing)	02/26/14

Fiscal Impact – Yes

FINANCE COMMITTEE ACTION: APPROVED AS DISCUSSION ITEM

SPECIAL CONDITIONS OR AMENDMENTS

Approved with amendments.

STAFF FOLLOW-UP:

VOTE	FOR	AGAINST	ABSTAIN
COUNCILOR BUSHEE	X		
COUNCILOR CALVERT	Excused		
COUNCILOR DIMAS	X		
COUNCILOR IVES	X		
CHAIRPERSON DOMINGUEZ			

Councilor Ives said, "I was asked about warranties when it comes to roof work. What warranties are being given on the work to be done.

Ms. Martinez said, "It's going to be.... the lowest roof section is going to be fully replaced. That section will get a 15 year warranty."

Councilor Ives asked about warranties on the skylights and the associated roof work.

Ms. Martinez said, "The skylights I believe have a 10 year warranty."

Councilor Ives said on page 21 of the packet there is a letter from Roof Care saying Section 1 will have a 15 year NDL warranty. When this comes to Council, if you wouldn't mind highlighting the warranty sections, because they aren't in the body of the agreement. I would love to be really clear for the different portions what those are."

Ms. Martinez said she will make sure the information is ready for Council.

VOTE: The motion was approved unanimously on a voice vote.

19. GREEN CODE – RESIDENTIAL ADDITIONS AND REMODELS. (COUNCILORS CALVERT, IVES AND BUSHEE). (KATHARINE MORTIMER)

A. REQUEST FOR APPROVAL OF AN ORDINANCE RELATING TO THE RESIDENTIAL GREEN RESIDENTIAL ADDITION AND REMODEL GREEN BUILDING CODE FOR SINGLE FAMILY ATTACHED AND DETACHED; AMENDING EXHIBIT "A" TO CHAPTER VII TO CREATE A NEW CHAPTER 2 TO ESTABLISH DEFINITIONS, TO CREATE A NEW ITEM 802.6 REGARDING ROUGH PLUMBING FOR FUTURE USE OF GRAY WATER, TO CREATE NEW CHAPTERS 11 AND 12 TO ESTABLISH CHECKLISTS FOR REMODELING AND REMODELING OF FUNCTIONAL AREAS AND SMALL ADDITIONS AND TO CREATE A NEW APPENDIX B TO ESTABLISH WHOLE BUILDING VENTILATION SYSTEM SPECIFICATIONS.

B. REQUEST FOR APPROVAL OF A RESOLUTION AMENDING THE ADMINISTRATIVE PROCEDURES FOR THE SANTA FE RESIDENTIAL GREEN BUILDING CODE ("RGBC") TO GRANT THE LAND USE DIRECTOR THE AUTHORITY TO MAKE ADMINISTRATIVE CHANGES TO THE RGBC USER'S GUIDE AND TO ADD ITEM 802.6 TO THE USER'S GUIDE; ADOPTING ADMINISTRATIVE PROCEDURES FOR THE CITY OF SANTA FE RESIDENTIAL ADDITION AND REMODEL GREEN BUILDING CODE ("RARGBC"); AND DIRECTING STAFF TO CREATE A USER'S GUIDE FOR THE RARGBC.

Committee Review: Public Utilities Committee (approved w/amendment) 01/06/14; Public Utilities Committee (approved) 01/15/14); Finance Committee (no quorum) 01/21/14; City Council (request to publish) 01/29/14; and City Council (public hearing) 02/26/14. Fiscal Impact – Yes.

Councilor Bushee asked Ms. Mortimer to point out the changes in terms of enhancing gray water use. She said, "It's the rough out in the Code, where it that, and I want to ask if this could be the place where we would deal with the purple issue that's really in the UPC Code."

Ms. Mortimer said, "The addition of a requirement to pipe at least one fixture for gray water prepped. That is added to the Code that we currently have in effect for new buildings, and that is separate from the rest of what this bill addresses. The rest of the bill is about adopting a new residential addition and remodel code for existing buildings.

Councilor Bushee asked if we are requiring the graywater piece.

Ms. Mortimer said, "The graywater piece is for new construction only. It's much easier to put in gray pipe when you're building new, so that one piece is only for that. There is no requirement for graywater piping for additions or remodels.

Councilor Bushee said we will have new administrative guidelines.

Ms. Mortimer said, "The bill does two things. The administrative code piece does two things. The [inaudible] does one thing. So the bill has one piece where it adds a new requirement for Code for new buildings for graywater piping. The rest of the bill is for residential and remodels which currently don't fall under the Green Code."

Ms. Mortimer said, "It depends on how big the remodel is. If it is 50% or more of the structure, then in kicks into Chapter 11 which is similar to new buildings, requires a point system and you get a certain number of requirements and there's more requirements. If it's a smaller remodel or a smaller addition, the addition cutoff is at 400 sq. ft., then the requirements are less. For a smaller remodel it only kicks in if you formally remodel a kitchen, a bathroom or a basement. It's not a menu option any longer. There are specific requirements for those."

Ms. Mortimer said it is not as stringent. The cost to be stringent for existing buildings is much, much higher than when you're starting out new. So we're trying to improve the building stock, but not cross that point where the cost becomes prohibitive or people start doing remodels and construction without getting permits because the cost is so great,

Councilor Bushee asked Ms. Mortimer if she worked with the Homebuilders and if they are in favor of this.

Ms. Mortimer said, "Absolutely. It was done at the Homebuilders."

Councilor Bushee said, "With regard to the graywater piece, we want to limit it to one fixture for new construction and I'm guessing you're thinking washing machines, but there are other things that could fall under that if you're going with new construction. It's not so expensive to double pipe, and then I want to segue into my purple pipe things which you're going to tell me I can't do because it's under the UPC Code."

Ms. Mortimer said, "The idea of having it affect one fixture was Councilor Calvert's. My understanding and I don't want to speak for Councilor Calvert, is that by introducing this, it would be a way to get people to do more voluntarily when they see the benefits, without people having to put in a lot of piping and materials that may never get used, which isn't sustainable. There is a cradle to the grave impact for those materials."

Councilor Bushee said, "I helped to get graywater legalized in the State and I also got the criteria for the folks to enforce it in the City Code. If you're building new, and this is what this is aimed at, to get the piping in for just one fixture, it's not a whole lot more to encourage it, I don't know how you incentivize it... I guess I'm asking why just stop there."

Ms. Mortimer said she can't answer that, because this was Councilor Calvert's idea, noting the initial draft was to have double piping from each room that would have a fixture. It was his direct to make it affect one fixture at a minimum. I think was being unable to anticipate what the burden might be for some people, and it was a start with an idea that it could be strengthened over time."

Councilor Bushee said the biggest cost is installing the graywater system, but the piping is relatively cheap. She ask that an amendment be prepared that all fixtures that are possible be considered, and perhaps have an additional bonus or point system in the amendment for an added benefit of some sort.

Councilor Bushee said what would help is an amendment to the UPC Code or an adoption of the ICC Code in terms of the purple pipe, where we allow graywater to flush toilet. Is there something we can build into the Residential Green Building Code to allow this.

Matthew O'Reilly said he doesn't know. He said, "What I do know is we have to adopt the Codes that the State adopts, including the amendments they make to those Codes." He said we can go beyond that and add more stringent requirements, such as the requirement we added for all sewer systems to have a backflow prevention device which reduced costs."

Councilor Bushee asked if the City is operating from the 2009 UPC.

Mr. O'Reilly said, "The 2009 UPC, UMC, IBC, IEBC and IRC."

Councilor Bushee State said it is her understanding that the State is operating from a 2012 version that allows for purple pipes for flushing the toilet.

Mr. O'Reilly said he doesn't know and would have to check on that.

Councilor Bushee asked if there is any way to update our Codes for the latest and best practices in technology for conservation with the use of graywater, and the water from air conditioning. She would like staff to look into this.

Ms. Mortimer said, "We certainly can look into it. My understanding is that we are operating at the exact same Codes the State is. I don't believe the State adopted the 2012 Codes. But this isn't my area of expertise."

Councilor Bushee thinks they made a provision that allowed for it, but "I don't think we did."

Chair Dominguez gave direction to staff to what the State allows and if we can include purple pipe.

Ms. Mortimer said, "Purple pipe is used for graywater always."

Councilor Bushee said she wants to use it for flushing toilets. Ms. Mortimer has been told the reason for not flushing toilets with graywater, is that animals drink out of the toilet water..

MOTION: Councilor Bushee moved, seconded by Councilor Dimas, to approve this request, Items A and B, with direction to staff to look into what the State allows in terms of purple pipes and graywater, and what it would take to "make sure we allow it."

VOTE: The motion was approved unanimously on a voice vote.

21. REQUEST FOR APPROVAL OF A RESOLUTION DIRECTING STAFF TO CREATE AND ESTABLISH AN ANNUAL AWARD TO RECOGNIZE AND HONOR THE ACCOMPLISHMENTS AND CONTRIBUTIONS OF AN OUTSTANDING WOMAN-OWNED BUSINESS LOCATED IN SANTA FE (COUNCILORS WURZBURGER, ~~AND~~ BUSHEE, DOMINGUEZ, IVES AND DIMAS). (KATE NOBLE) City
Business and Quality of Life Committee (scheduled) 02/18/14 and City Council (scheduled 02/26/14)
Fiscal Impact – No.

Councilor Bushee would like Ms. Noble to look at what the Business & Professional Women do already, noting they have an award for women-owned business.

Ms. Noble said, "This was considered by the Economic Development Review Committee this morning and they asked the exact same thing."

Councilor Bushee wants Ms. Noble to get back with her, commenting she doesn't want to duplicate any efforts.

MOTION: Councilor Bushee moved, seconded by Councilor Dimas, to approve this request with direction to staff to look at what is done by the Business & Professional Women and coordinate this with the Chamber of Commerce.

VOTE: The motion was approved unanimously on a voice vote.