



## AGENDA REPORT

**Meeting Date:** September 23, 2008  
**Item Number:** E-1  
**To:** Honorable Mayor and Members of the City Council

**From:** Jonathan Lait, AICP, City Planner  
George Chavez, City Building Official/Assistant Director of Community Development  
Donna Jerex, Senior Planner  
Azita Motamen, Senior Plan Review Architect, LEED AP, CGBP  
David Yelton, Building Inspection Manager and Plan Review Manager  
Jesse De Anda, Building Inspector I, CGBP, GreenPoint Rater

**Subject:** A RESOLUTION OF THE COUNCIL OF THE CITY OF BEVERLY HILLS ADOPTING A VOLUNTARY RESIDENTIAL GREEN BUILDING PROGRAM FOR SINGLE-FAMILY RESIDENCES

**Attachments:** 1. Resolution with Checklist

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### **RECOMMENDATION**

It is recommended that the proposed resolution be adopted.

### **EXECUTIVE SUMMARY**

This report outlines staff's proposed program for a Voluntary Green Building Program for Single Family Residences. The Green Building Ordinance for commercial, mixed-use and multi-family developments became effective for applications deemed complete after September 5, 2008. During the City Council discussions of this ordinance, the Council directed staff to develop a voluntary program for single family residences.

Staff developed a draft rating system for residential structures and presented it to the Planning Commission at its September 11, 2008 meeting. The Commission's comments have been incorporated into the proposed Resolution adopting new standards and are attached for the City Council's consideration.

## **DISCUSSION**

In June of this year, the City Council adopted a Green Building Ordinance implementing a mandatory, performance-based, point-scaled program to achieve the Council's environmental sustainability goals as follows:

- Encourage water, energy and resource conservation
- Reduce waste generated by construction projects
- Increase energy efficiency in buildings
- Promote health of residents, workers, and visitors
- Reduce greenhouse gases generated by building use
- Reduce the City of Beverly Hills' carbon footprint

The approved program developed through a cooperative effort by the City's Building & Safety and Planning Divisions and Public Works Department. The program is based on the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) system, yet will be directly implemented and certified by the City. Projects subject to the program would be evaluated and certified for compliance by the City's Building and Safety Division.

The ordinance applies to all applications deemed complete for processing as of September 5, 2008.

During its discussions of the ordinance, the City Council directed staff to proceed with a green building program for single family Residences. This program would be voluntary and provide incentives to encourage homeowner participation.

## **PROPOSED VOLUNTARY RESIDENTIAL GREEN BUILDING PROGRAM**

Staff's direction from the Council was to design a voluntary, yet robust program for single family homes. Incentives should be included to encourage homeowners to be part of the City's efforts to promote environmental sustainability and green objectives.

Staff's analysis built upon the research efforts made for the residential program and included:

- Review of upcoming green standards to be mandated by the State of California in 2011.
- Survey of other California cities, including those reviewed for the City's commercial green program.
- Analysis of existing Green Building Programs (i.e., "Build-it-Green," California Energy Code-Title 24, and LEED – Leadership in Energy and Environmental Design).

**City of Beverly Hills Elements**

In developing the proposed program, staff's objectives were to maximize synergy amongst the elements shown in the adjacent chart by:

- Determining the best way to enact a substantial City program that is a step ahead of other programs.
- Provide sufficient incentives to entice homeowners to participate in and feel like they are making a difference in improving the environmental quality of their community.



**Proposed Incentives**

The City's program would be tiered to two levels of incentives that include the following:

- Expedited planning review (staff, commission and City Council levels)
- Expedited plan review
- Expedited permit processing
- Priority inspection scheduling
- City self-certification for Residential Green Building Program
- City of Beverly Hills Green Building Award

The incentives would be distributed as follows:

Table of Single Family Residential Green Building Required Points for Incentives		
Applicable Projects	Required Points	Incentives
New Single Family Residences  &  >50% Renovations/ Additions	76 Points Beverly Hills (Minimum)	Expedite Planning and Building & Safety Plan Check (Estimated 1 Month Time Savings)
	150 Points Beverly Hills & Build It Green Combined	Expedite Planning Approval, Building & Safety Plan Check, and Inspection Process (Estimated 1-2 Month Time Savings)

**PLANNING COMMISSION COMMENTS**

On September 11, 2008, the Planning Commission reviewed the proposed program and directed staff to proceed with the proposed Resolution and report back on the previous year's effectiveness to the Planning Commission on an annual basis.

**ADOPTION BY RESOLUTION**

A Resolution is proposed instead of an ordinance as the program is voluntary and can be implemented immediately upon the Council's approval. A Resolution also provides more flexibility to make changes to the program as needed and as sustainable materials and methods continue to improve and further develop.

**ENVIRONMENTAL REVIEW**

The Project has been environmentally reviewed pursuant to the California Environmental Quality Act ("CEQA"), (Public Resource Sections 21000, et seq.), the State CEQA Guidelines (California Code of Regulations, Title 14, Sections 15000 et seq.), and the City's Local CEQA guidelines ("Guidelines"). It has been determined that this project is not subject to CEQA pursuant to Section 15061(b)(3) of the Guidelines because CEQA only applies to projects which have the potential for causing a significant effect on the environment. This ordinance would establish requirements intended to reduce energy consumption and construction waste along with other measures, and therefore, it would not pose a significant effect on the environment. Additionally, two categorical exemptions would apply to a project of this nature. Section 15307 categorically exempts actions taken by local ordinances that assure maintenance, restoration or enhancement of a natural resource. Section 15308 categorically exempts actions taken by local ordinance that assures maintenance, restoration, enhancement, or protection of the environment

**CONCLUSION**

Staff believes that the proposed program achieves the City Council's objectives and provides a significant community benefit. The proposed system goes beyond the proposed 2009 State of California requirements, yet uses existing industry standards in its point system. Homeowners will have added satisfaction by participating in environmental sustainability programs while benefitting from long term energy costs and lower construction costs by reducing timelines for acquiring project development approvals from the City. Annual awards for premium designs would be issued by the City to promote the environmentally healthy and community enhancing designs, and additional cost and time savings that would be realized by applicants administering the program directly through City staff rather than a third party organization.

**FISCAL IMPACT/ANALYSIS**

Limited costs associated with staff time reviewing applications, performing inspections, and developing the awards program are expected. However, it is anticipated that these costs could be absorbed within the Community Development Department's existing budget.

**RECOMMENDATION**

Staff recommends that the City Council adopt the attached Resolution adopting the City's Voluntary Residential Green Building Program.

  
Jonathan Lait, AICP, City Planner

# **ATTACHMENT 1**

**Proposed Resolution with Checklist**

**RESOLUTION NO. \_\_\_\_\_**

**A RESOLUTION OF THE COUNCIL OF THE CITY OF  
BEVERLY HILLS ADOPTING A VOLUNTARY  
RESIDENTIAL GREEN BUILDING PROGRAM FOR SINGLE-  
FAMILY RESIDENCES**

THE CITY COUNCIL OF THE CITY OF BEVERLY HILLS HEREBY  
RESOLVES AS FOLLOWS:

**Section 1.** A new voluntary green building program for single-family residences (the “Voluntary Residential Green Building Program,” referred to herein as the “Program”) in the City of Beverly Hills is hereby adopted, as described in Section 2 below.

**Section 2.** Voluntary Residential Green Building Program.

**A Purpose.**

The purpose of this Program is to enhance public health and welfare and encourage single-family residential development to be consistent with the City’s desire to create a more sustainable community by incorporating green building measures into the design, construction and maintenance of such buildings. The green building provisions referenced in this Program are designed to achieve the following goals:

1. Encourage water, energy and resource conservation.
2. Reduce waste generated by construction projects.
3. Increase energy efficiency in buildings.
4. Provide durable buildings that are efficient and economical to own and operate.
5. Enhance the health, welfare and productivity of residents, workers, and visitors to the City.

**B. Definitions.**

For the purposes of this Program, certain words and terms are defined as follows:

“Applicant” means any individual, firm, limited liability company, association, partnership, corporation, or any other entity that applies to the City for the applicable permits to undertake construction of any new or replacement single-family residence within the City.

“Checklist” means the Single-Family Residential Green Building Program Checklist.

“Covered Project” means the construction of any new, replacement or remodels of single-family residence if the cost of the remodel exceeds fifty (50%) of the replacement cost of the building, as determined pursuant to Section 10-3-4100 of the City of Beverly Hills Municipal Code.

“Green Building Compliance Official” means the Director of Community Development or his or her designee.

“Single-Family Residential Green Building Program Checklist” means the rating system attached hereto as Exhibit “A,” inclusive of the City of Beverly Hills Single Family Residential Green Building Program Checklist and Build It Green, GreenPoint Rated Checklist: Single Family.

**C. General Provisions-Applicability.**

This Program shall not affect in any manner the permissible use of property, density/intensity of development, design and improvement standards, or other applicable standards or requirements of the Municipal Code, all of which shall be operative and remain in full force and effect without limitation. The Program is strictly voluntary at the election of the

Applicant or property owner, however, participants in the Program shall be eligible for the incentives discussed below.

**D. Standards for Compliance; Incentives.**

1. Applicants who wish to participate in the program shall demonstrate compliance with the rating system and minimum point requirements as set forth in Exhibit B, attached hereto and incorporated by reference, as amended from time to time by the Director of Community Development. Applicants for projects not covered by this program are nonetheless encouraged to use their best effort to incorporate as many green building measures as feasible from the Checklist.

2. Incentives. Applicants that choose to participate in the Program shall be entitled to certain incentives depending on the number of points accumulated based on the design, as set forth in Exhibit B. Applicants who choose to use other recognized green standard programs and wish to obtain incentives shall provide, as a minimum, comparable elements using the Checklist.

**E. Submission of Pre-Permitting Documentation.**

1. Pre-Permitting Documentation. Concurrent with the application for planning approval or building permit approval for any Covered Project, an Applicant wishing to participate in the Program shall submit documentation indicating the elements used to achieve compliance with the Checklist. This Pre-Permitting Documentation shall include:

- a. The applicable Checklist with an analysis of each credit claimed; and
- b. Any other documentation that may be necessary to show compliance with this Program or as requested by the Green Building Compliance Official.

2. Meeting. After submission of the documentation required by this section, but prior to the issuance of a building permit, the Green Building Compliance Official may arrange a meeting with the Applicant to discuss the proposed measures, as needed.

**F. Review of the Pre-Permitting Documentation.**

1. Approval of Documentation. The Green Building Compliance Official shall approve the Pre-Permitting Documentation if the Official determines that the Covered Project will conform to the applicable rating set forth in the Checklist.

2. Non-approval or Incomplete Documentation. If the Green Building Compliance Official determines that the Pre-Permitting Documentation fails to demonstrate that the Covered Project fails to qualify under the Program, Official shall:

a. Return the Pre-Permitting Documentation to the Applicant and inform the Applicant of the reasons for the determination; or

b. Return the Pre-Permitting Documentation to the Applicant marked “incomplete” with an indication of additional information or project modifications that may be required to complete the Pre-Permitting Documentation.

3. Re-Submission. If the Pre-Permitting Documentation is returned to the Applicant, the Applicant may re-submit the Pre-Permitting Documentation with such modifications or additional information as may be required, but is under no obligation to do so if it chooses not to participate in the Program.

## **G. Compliance.**

1. Verification. The City shall verify that the green building elements and provisions indicated in the Pre-Permitting Documentation are being implemented through inspections of the Covered Project during construction and through review of appropriate documents such as purchase receipts, test reports, accountability forms, or photographic documentation provided by the Applicant and acceptable to the Green Building Compliance Official. If, as a result of any inspection, the Green Building Compliance Official determines that the Covered Project does not comply with the Pre-Permitting Documentation, the Green Building Compliance Official may cease providing the incentive services described in Exhibit B. Suspension of incentives shall cease until the Green Building Compliance Official determines that the Covered Project will be brought into compliance with the Program.

2. Substitution of Credits. During construction of the Covered Project, the Green Building Compliance Official may approve the substitution of approved credits with other credits in the Checklist. Substitution shall occur only at the request of the Applicant and after submittal of revised Pre-Permitting Documentation satisfactory to the Green Building Compliance Official.

## **H. Final Determination of Compliance.**

Prior to any final building permit approval and/or issuance of a final certificate of occupancy, the Green Building Compliance Official shall review the documentation submitted by the Applicant, and determine whether the Applicant has complied with the requirements of this Program. If the Green Building Compliance Official determines the Applicant has met the requirements of this Program, the Green Building Compliance Official shall so certify.

**I. Review of Beverly Hills Green Building Rating System.**

The Community Development Director may review the Checklist from time to time to ensure the requirements are practical, feasible and are updated to be compliant with green building materials and technologies as such become available in the marketplace. In response to such a review, the Director shall have the authority to modify the performance standards and incentives of Exhibit B. The Director shall publish a notice regarding the pending changes at least 14 days before any modifications take effect, and during the 14-day period, the Director's decision can be appealed to the Planning Commission by any interested party, or called up for review by the Planning Commission before changes take effect.

**J. Authority to Adopt Rules and Regulations.**

Consistent with the provisions of this Program, the Green Building Compliance Official shall have authority to adopt rules and regulations to implement this Program.

**Section 3.** The City Clerk shall certify to the adoption of this Resolution and shall cause this Resolution and his certification to be entered in the Book of Resolutions of the Council of this City.

**Section 4.** This Resolution shall go into effect immediately upon its passage.

Adopted:

\_\_\_\_\_  
BARRY BRUCKER  
Mayor of the City of Beverly Hills,  
California

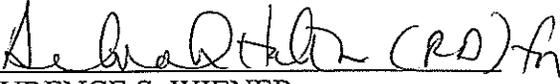
ATTEST:

\_\_\_\_\_  
BYRON POPE  
City Clerk

(SEAL)

[Signatures continue]

APPROVED AS TO FORM:

  
LAURENCE S. WIENER  
City Attorney

APPROVED AS TO CONTENT:

\_\_\_\_\_  
RODERICK J. WOOD  
City Manager

  
ANNE BROWNING MCINTOSH, AICP  
Interim Director of  
Community Development

# Exhibit “A”

## Single-Family Residential Green Building Project Checklists



# City of Beverly Hills

## Single Family Residential Green Building Program

Single Family Residential Green Building Program Checklist Mandatory and Optional Elements						
Category	Required Item	Build It Green Reference Number	Item Description	Available Points	Beverly Hills Minimum Points	✓
<b>California Energy Title 24 + 15%</b>					<b>30 pts</b>	
	Required	J2	15% Above Title 24	30 pts		<input type="checkbox"/>
	Optional	J2	2 points for each 1% above Title 24	2+ pts		<input type="checkbox"/>
<b>Indoor Water Conservation 20%</b>					<b>7 pts</b>	
	Required	G2	Install high efficiency toilets	4 pts		<input type="checkbox"/>
	Required	PG6a	Install high efficiency showerheads	1 pts		<input type="checkbox"/>
	Required	PG6b	Install high efficiency bathroom faucets	1 pts		<input type="checkbox"/>
	Required	PG6c	Install high efficiency kitchen and utility faucets	1 pts		<input type="checkbox"/>
<b>Construction Waste Management 50%</b>					<b>0 pts</b>	
	Required	A3a	Recycle Jobsite Construction Waste (Including Green Waste)	0 pts		<input type="checkbox"/>
<b>Storm Water Management</b>					<b>1 pt</b>	
	Required	A1a	Protect Topsoil from Erosion and Reuse after Construction	1 pt		<input type="checkbox"/>
<b>Low VOC Adhesives, Paints and Coating</b>					<b>5 pts</b>	
	Required	K2a	Use Low-VOC Interior Wall/Ceiling Paints	1 pts		<input type="checkbox"/>
	Required	K3	Use Low-VOC, Water-Based Wood Finishes	2 pts		<input type="checkbox"/>
	Required	K4	Use Low-VOC caulk and Construction Adhesives	2 pts		<input type="checkbox"/>
<b>Low Formaldehyde Interior Finish Materials</b>					<b>4 pts</b>	
	Required	K7a	Reduce Formaldehyde in Subfloor and Stair Treads (Joist Not Included)	1 pts		<input type="checkbox"/>
	Required	K7b	Reduce Formaldehyde in Cabinets and Countertops	1 pts		<input type="checkbox"/>
	Required	K7c	Reduce Formaldehyde in Interior Trim	1 pts		<input type="checkbox"/>
	Required	K7d	Reduce Formaldehyde in Shelving	1 pts		<input type="checkbox"/>
<b>Improved Indoor Air Quality by use of better Air Conditioning Filters</b>					<b>1 pt</b>	
	Required	H6	Install High Efficiency HVAC Filter (Merv 6+)	1 pt		<input type="checkbox"/>
<b>Photovoltaic Panel Ready + 7 1/2% Consumption Demand</b>					<b>3 pts</b>	
	Required	I3	Install wiring conduit for future Photovoltaic (PV) Installation and provide 200 Square feet of south Facing Roof	2 pts		<input type="checkbox"/>
	Required	BHSP	7 1/2 % of electric needs	1 pts		<input type="checkbox"/>
	Optional	BHSP	15% of electric needs	2 pts		<input type="checkbox"/>
	Optional	BHSP	21 1/2 % of electric needs	3 pts		<input type="checkbox"/>
	Optional	I4.a	30% of electric needs or 1.2 kW	4 pts		<input type="checkbox"/>
<b>Outdoor Smart Irrigation Controllers</b>					<b>3 pts</b>	
	Required	C6b	Irrigation system has smart controllers	3 pts		<input type="checkbox"/>
<b>Reduce Landscaping Irrigation 50%</b>					<b>10 pts</b>	
	Required	C4	Plant Shade Trees	3 pts		<input type="checkbox"/>
	Required	C5	Group Plants by water needs (Hydrozoning)	2 pts		<input type="checkbox"/>
	Required	C7	Incorporate 2 Inches of Compost into the Top 6 to 12 Inches of Soil	3 pts		<input type="checkbox"/>
	Required	C8	Mulch all Planting Beds to Greater of Two Inches	2 pts		<input type="checkbox"/>
<b>Gray Water System</b>					<b>3 pts</b>	
	Required	G1	Graywater Pre-Plumbing	1 pts		<input type="checkbox"/>
	Required	G2	Graywater System Operational	2 pts		<input type="checkbox"/>
<b>Low VOC Emitting Insulation</b>					<b>2 pts</b>	
	Required	F2a	Install Insulation that is Low-Emitting (Certified Section 01350) In	1 pts		<input type="checkbox"/>



# City of Beverly Hills

## Single Family Residential Green Building Program

Single Family Residential Green Building Program Checklist Mandatory and Optional Elements						
Category	Required Item	Build It Green Reference Number	Item Description	Available Points	Beverly Hills Minimum Points	✓
	Required	F2b	Install Insulation that is Low-Emitting (Certified Section 01350) In	1 pts		<input type="checkbox"/>
<b>Project is located in Urban Setting (Community Design)</b>					<b>2 pts</b>	
	Required	O1	Community Design, Building urban setting	2 pts		<input type="checkbox"/>
<b>Install Built-In Recycling Center</b>					<b>2 pts</b>	
	Required	M4a	Built-In Recycling Center in Kitchen Cabinets	2 pts		<input type="checkbox"/>
<b>Incorporate Checklists on Construction Plans</b>					<b>0 pts</b>	
	Required	N1	Incorporate Checklists on Constructiton Document Plans	0 pts		<input type="checkbox"/>
<b>Install Effective Exhaust Systems</b>					<b>2 pts</b>	
	Required	H8a	Install Energy Star Bathroom Fans Vented to the Outside	1 pts		<input type="checkbox"/>
	Required	H8c	Install Kitchen Range-Hood Exhaust System vented to the Outside	1 pts		<input type="checkbox"/>
<b>Comprehensive Owner's Manual</b>					<b>1 pts</b>	
	Required	PN5	Comprehensive Owner's Manual and Homeowner Educational Walkthrough	1 pts		<input type="checkbox"/>
<b>BEVERLY HILLS GREEN BUILDING PROGRAM - Minimum Total Required for Incentives</b>					<b>76 pts</b>	

\* Points in the Beverly Hills Program Checklist may not be calculated twice with GreenPoints from the Build It Green Checklist.

\*\* BHSP = Beverly Hills Standard Point

# GreenPoint Rated Checklist: Single Family

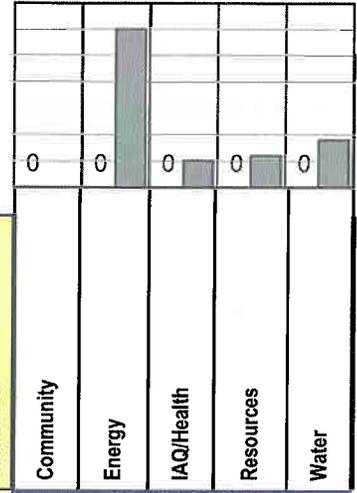


**Build It Green**  
Smart Solutions From The Ground Up

Total Points Achieved: **0**

The GreenPoint Rated checklist tracks green features incorporated into the home. The recommended minimum requirements for a green home are: Earn a total of 50 points or more; obtain the following minimum points per category: Energy (30), Indoor Air Quality/Health (5), Resources (6), and Water (9); and meet the prerequisites A.3.a (50% construction waste diversion), J.1 (Exceed Title 24 by 15%), and N.1 (Incorporate Green Points checklist in blueprints).

The green building practices listed below are described in the New Home Construction Green Building Guidelines, available at [www.builditgreen.org](http://www.builditgreen.org). Build It Green is a non-profit organization providing the GreenPoint Rated program as a public service. Build It Green encourages local governments to leverage program resources to support voluntary, market-based programs and strategies.



## Enter Project Name

A. SITE	Points Achieved	Possible Points				
		Community	Energy	IAQ/Health	Resources	Water
<b>1. Protect Topsoil and Minimize Disruption of Existing Plants &amp; Trees</b>						
<input type="checkbox"/> a. Protect Topsoil from Erosion and Reuse after Construction	0	1				1
<input type="checkbox"/> b. Limit and Delineate Construction Footprint for Maximum Protection	0					1
<input type="checkbox"/> <b>2. Deconstruct Instead of Demolishing Existing Buildings On Site</b>	0				3	
<b>3. Recycle Job Site Construction Waste (Including Green Waste)</b>						
<input type="checkbox"/> a. Minimum 50% Waste Diversion by Weight (Recycling or Reuse) - <i>Required</i>	0				R	
<input type="checkbox"/> b. Minimum 65% Diversion by Weight (Recycling or Reuse)	0				2	
<input type="checkbox"/> c. Minimum 80% Diversion by Weight (Recycling or Reuse)	0				2	
<b>4. Use Recycled Content Aggregate (Minimum 25%)</b>						
<input type="checkbox"/> a. Walkway and Driveway	0				1	
<input type="checkbox"/> b. Roadway Base	0				1	
<b>Total Points Available in Site = 12</b>	<b>0</b>					
B. FOUNDATION	Points Achieved	Points Available Per Measure				
<b>1. Replace Portland Cement in Concrete with Recycled Flyash or Slag</b>						
<input type="checkbox"/> a. Minimum 20% Flyash or Slag	0				1	
<input type="checkbox"/> b. Minimum 25% Flyash or Slag	0				1	
<input type="checkbox"/> <b>2. Use Frost-Protected Shallow Foundation in Cold Areas (C.E.C. Climate Zone 16)</b>	0				3	
<input type="checkbox"/> <b>3. Use Radon Resistant Construction</b>	0			1		
[*Points automatically granted when project qualifies for measure J3: ES with IAQ]						
<b>4. Design and Build Structural Pest Controls</b>						
<input type="checkbox"/> a. Install Termite Shields & Separate All Exterior Wood-to-Concrete Connections by Metal or Plastic Fasteners/Dividers	0				1	
[*Points automatically granted when project qualifies for measure J3: ES with IAQ]						
<input type="checkbox"/> b. All New Plants Have Trunk, Base, or Stem Located At Least 36 Inches from Foundation	0				1	
<b>Total Points Available in Foundation = 8</b>	<b>0</b>					
C. LANDSCAPING	Points Achieved	Points Available Per Measure				
<b>1. Construct Resource-Efficient Landscapes</b>						
<input type="checkbox"/> a. No Invasive Species Listed by Cal-IPC Are Planted	0					1
<input type="checkbox"/> b. No Plant Species Will Require Hedging	0				1	
<input type="checkbox"/> c. 75% of Plants Are California Natives or Mediterranean Species or Other Appropriate Species	0					3

# Enter Project Name

Enter Project Name	Points Achieved	Community	Energy	IAC/Health	Resources	Water
<input type="checkbox"/> <b>2. Use Fire-Safe Landscaping Techniques</b>	0	1				
<b>3. Minimize Turf Areas in Landscape Installed by Builder</b>						
<input type="checkbox"/> a. All Turf Will Have a Water Requirement Less than or Equal to Tall Fescue (<= 0.8 plant factor)	0					2
<input type="checkbox"/> b. Turf Shall Not Be Installed on Slopes Exceeding 10% or in Areas Less than 8 Feet Wide	0					2
<input type="checkbox"/> c. Turf is ≤33% of Landscaped Area (total 2 points)	0					2
<input type="checkbox"/> d. Turf is ≤10% of Landscaped Area (total 4 points)	0					2
<input type="checkbox"/> <b>4. Plant Shade Trees</b>	0					3
<input type="checkbox"/> <b>5. Group Plants by Water Needs (Hydrozoning)</b>	0					2
<b>6. Install High-Efficiency Irrigation Systems</b>						
<input type="checkbox"/> a. System Uses Only Low-Flow Drip, Bubblers, or Low-flow Sprinklers	0					2
<input type="checkbox"/> b. System Has Smart (Weather-Based) Controllers	0					3
<input type="checkbox"/> <b>7. Incorporate Two Inches of Compost in the Top 6 to 12 Inches of Soil</b>	0					3
<input type="checkbox"/> <b>8. Mulch All Planting Beds to the Greater of 2 Inches or Local Water Ordinance Requirement</b>	0					2
<input type="checkbox"/> <b>9. Use 50% Salvaged or Recycled-Content Materials for 50% of Non-Plant Landscape Elements</b>	0				1	
<input type="checkbox"/> <b>10. Reduce Light Pollution by Shielding Fixtures and Directing Light Downward</b>	0	1				
Total Points Available in Landscaping = 31		0				
D. STRUCTURAL FRAME & BUILDING ENVELOPE		Points Available Per Measure				
<b>1. Apply Optimal Value Engineering</b>						
<input type="checkbox"/> a. Place Rafters and Studs at 24-Inch On Center Framing	0				1	
<input type="checkbox"/> b. Size Door and Window Headers for Load	0				1	
<input type="checkbox"/> c. Use Only Jack and Cripple Studs Required for Load	0				1	
<b>2. Use Engineered Lumber</b>						
<input type="checkbox"/> a. Beams and Headers	0				1	
<input type="checkbox"/> b. Insulated Engineered Headers	0		1			
<input type="checkbox"/> c. Wood I-Joists or Web Trusses for Floors	0				1	
<input type="checkbox"/> d. Wood I-Joists for Roof Rafters	0				1	
<input type="checkbox"/> e. Engineered or Finger-Jointed Studs for Vertical Applications	0				1	
<input type="checkbox"/> f. Oriented Strand Board for Subfloor	0				1	
<input type="checkbox"/> g. Oriented Strand Board for Wall and Roof Sheathing	0				1	
<b>3. Use FSC-Certified Wood</b>						
<input type="checkbox"/> a. Dimensional Lumber, Studs and Timber: Minimum 40%	0				2	
<input type="checkbox"/> b. Dimensional Lumber, Studs and Timber: Minimum 70%	0				2	
<input type="checkbox"/> c. Panel Products: Minimum 40%	0				1	
<input type="checkbox"/> d. Panel Products: Minimum 70%	0				1	
<b>4. Use Solid Wall Systems (Includes SIPs, ICFs, &amp; Any Non-Stick Frame Assembly)</b>						
<input type="checkbox"/> a. Floors	0		2		2	
<input type="checkbox"/> b. Walls	0		2		2	
<input type="checkbox"/> c. Roofs	0		2		2	
<b>5. Reduce Pollution Entering the Home from the Garage</b> [*Points automatically granted when project qualifies for measure J3: ES with IAQ]						
<input type="checkbox"/> a. Tightly Seal the Air Barrier between Garage and Living Area	0			1		
<input type="checkbox"/> b. Install Garage Exhaust Fan OR Build a Detached Garage	0			1		

# Enter Project Name

Enter Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<input type="checkbox"/> 6. Design Energy Heels on Trusses (75% of Attic Insulation Height at Outside Edge of Exterior Wall)	0		1			
<input type="checkbox"/> 7. Design Roof Trusses to Accommodate Ductwork	0		1			
<input type="checkbox"/> 8. Use Recycled-Content Steel Studs for 90% of Interior Wall Framing	0				1	
<input type="checkbox"/> 9. Thermal Mass Walls: 5/8-Inch Drywall on All Interior Walls or Walls Weighing more than 40 lb/cu.ft.	0		1			
<b>10. Install Overhangs and Gutters</b>						
<input type="checkbox"/> a. Minimum 16-Inch Overhangs and Gutters [*Points automatically granted when project qualifies for measure J3: ES with IAQ]	0				1	
<input type="checkbox"/> b. Minimum 24-Inch Overhangs and Gutters	0		1			
Total Points Available in Structural Building Frame and Envelope = 36	0					
<b>E. EXTERIOR FINISH</b>		Points Available Per Measure				
<input type="checkbox"/> 1. Use Recycled-Content (No Virgin Plastic) or FSC-Certified Wood Decking	0				2	
<input type="checkbox"/> 2. Install a Rain Screen Wall System	0				2	
<input type="checkbox"/> 3. Use Durable and Non-Combustible Siding Materials	0				1	
<input type="checkbox"/> 4. Use Durable and Non-Combustible Roofing Materials	0				2	
Total Points Available in Exterior Finish = 7	0					
<b>F. INSULATION</b>		Points Available Per Measure				
<b>1. Install Insulation with 75% Recycled Content</b>						
<input type="checkbox"/> a. Walls and Floors	0				1	
<input type="checkbox"/> b. Ceilings	0				1	
<b>2. Install Insulation that is Low-Emitting (Certified Section 01350)</b>						
<input type="checkbox"/> a. Walls and Floors	0			1		
<input type="checkbox"/> b. Ceilings	0			1		
<input type="checkbox"/> 3. Inspect Quality of Insulation Installation before Applying Drywall [*Points automatically granted when project qualifies for measure J3: ES with IAQ]	0		1			
Total Points Available in Insulation = 5	0					
<b>G. PLUMBING</b>		Points Available Per Measure				
<b>1. Distribute Domestic Hot Water Efficiently (Additive, Maximum 7 Points)</b>						
<input type="checkbox"/> a. Insulate Hot Water Pipes from Water Heater to Kitchen	0		1			1
<input type="checkbox"/> b. Insulate All Hot Water Pipes	0		1			1
<input type="checkbox"/> c. Use Engineered Parallel Piping	0					1
<input type="checkbox"/> d. Use Engineered Parallel Piping with Demand Controlled Circulation Loop	0					1
<input type="checkbox"/> e. Use Structured Plumbing with Demand Controlled Circulation Loop	0		1			2
<input type="checkbox"/> f. Use Central Core Plumbing	0		1		1	1
<input type="checkbox"/> 2. Install Only High Efficiency Toilets (Dual-Flush or ≤1.28 gpf)	0					4
Total Points Available in Plumbing = Total 11	0					
<b>H. HEATING, VENTILATION &amp; AIR CONDITIONING</b>		Points Available Per Measure				
<input type="checkbox"/> 1. Design and Install HVAC System to ACCA Manual J, D, and S Recommendations [*Points automatically granted when project qualifies for measure J3: ES with IAQ]	0		4			
<b>2. Install Sealed Combustion Units</b> [*Points automatically granted when project qualifies for measure J3: ES with IAQ]						
<input type="checkbox"/> a. Furnaces	0			2		
<input type="checkbox"/> b. Water Heaters	0			2		
<input type="checkbox"/> 3. Install Zoned, Hydronic Radiant Heating	0		1	1		

# Enter Project Name

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<input type="checkbox"/>	<b>4. Install High Efficiency Air Conditioning with Environmentally Responsible Refrigerants</b>	0	1				
<b>5. Design and Install Effective Ductwork</b> [*5b,d,&e are automatically granted when project qualifies for measure J3: ES with IAQ]							
<input type="checkbox"/>	a. Install HVAC Unit and Ductwork within Conditioned Space	0		3			
<input type="checkbox"/>	b. Use Duct Mastic on All Duct Joints and Seams	0		1			
<input type="checkbox"/>	c. Install Ductwork under Attic Insulation (Buried Ducts)	0		1			
<input type="checkbox"/>	d. Pressure Relieve the Ductwork System	0		1			
<input type="checkbox"/>	e. Protect Ducts during Construction and Clean All Ducts before Occupancy	0		1			
<input type="checkbox"/>	<b>6. Install High Efficiency HVAC Filter (MERV 6+)</b> [*Points automatically granted when project qualifies for measure J3: ES with IAQ]	0			1		
<input type="checkbox"/>	<b>7. Don't Install Fireplaces or Install Sealed Gas Fireplaces with Efficiency Rating NOT Less Than 60% using CSA Standards</b>	0			1		
<b>8. Install Effective Exhaust Systems in Bathrooms and Kitchens</b> [*8a&c are automatically granted when project qualifies for measure J3: ES with IAQ]							
<input type="checkbox"/>	a. Install ENERGY STAR Bathroom Fans Vented to the Outside	0			1		
<input type="checkbox"/>	b. All Bathroom Fans Are on Timer or Humidistat	0			1		
<input type="checkbox"/>	c. Install Kitchen Range Hood Vented to the Outside	0			1		
<b>9. Install Mechanical Ventilation System for Cooling (Max. 4 Points)</b>							
<input type="checkbox"/>	a. Install ENERGY STAR Ceiling Fans & Light Kits in Living Areas & Bedrooms	0		1			
<input type="checkbox"/>	b. Install Whole House Fan with Variable Speeds	0		1			
<input type="checkbox"/>	c. Automatically Controlled Integrated System	0		2			
<input type="checkbox"/>	d. Automatically Controlled Integrated System with Variable Speed Control	0		3			
<b>10. Install Mechanical Fresh Air Ventilation System (Maximum 3 Points)</b>							
<input type="checkbox"/>	a. Any Whole House Ventilation System That Meets ASHRAE 62.2	0			2		
<input type="checkbox"/>	b. Install Air-to-Air Heat Exchanger that meets ASHRAE 62.2 [*Points automatically granted when project qualifies for measure J3: ES with IAQ]	0		1	2		
<input type="checkbox"/>	<b>11. Install Carbon Monoxide Alarm(s)</b> [*Points automatically granted when project qualifies for measure J3: ES with IAQ]	0			1		
Total Points Available in Heating, Ventilation and Air Conditioning = 30		0					
<b>I. RENEWABLE ENERGY</b>			Points Available Per Measure				
<input type="checkbox"/>	<b>1. Pre-Plumb for Solar Hot Water Heating</b>	0		4			
<input type="checkbox"/>	<b>2. Install Solar Water Heating System</b>	0		10			
<input type="checkbox"/>	<b>3. Install Wiring Conduit for Future Photovoltaic Installation &amp; Provide 200 ft<sup>2</sup> of South-Facing Roof</b>	0		2			
<b>4. Install Photovoltaic (PV) Panels</b>							
<input type="checkbox"/>	a. 30% of electric needs OR 1.2 kW (total 6 points)	0		6			
<input type="checkbox"/>	b. 60% of electric needs OR 2.4kW (total 12 points)	0		6			
<input type="checkbox"/>	c. 90% of electric need OR 3.6 kW (total 18 points)	0		6			
Total Available Points in Renewable Energy = 28		0					
<b>J. BUILDING PERFORMANCE</b>			Points Available Per Measure				
<b>1. Diagnostic Evaluations</b>							
<input type="checkbox"/>	a. House Passes Blower Door Test [*Points automatically granted when project qualifies for measure J3: ES with IAQ]	0		1			
<input type="checkbox"/>	b. House Passes Combustion Safety Backdraft Test	0			1		

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<input type="checkbox"/>							
0%	2. Design and Build High Performance Homes - 15% above Title 24 - <i>Required</i>	0		≥30			
<input type="checkbox"/>	3. House Obtains ENERGY STAR with Indoor Air Package Certification - <i>Pilot Measure</i> (Total 45 points; read comment)	0			5	2	
Total Available Points in Building Performance = 109		0					
K. FINISHES		Points Available Per Measure					
<input type="checkbox"/>	1. Design Entryways to Reduce Tracked in Contaminants	0			1		
	2. Use Low-VOC or Zero-VOC Paint (Maximum 3 Points)						
<input type="checkbox"/>	a. Low-VOC Interior Wall/Ceiling Paints (<50gpl VOCs (Flat) & <150gpl VOCs (Non-Flat))	0			1		
<input type="checkbox"/>	b. Zero-VOC: Interior Wall/Ceiling Paints (<5 gpl VOCs (Flat))	0			3		
<input type="checkbox"/>	3. Use Low VOC, Water-Based Wood Finishes (<250 gpl VOCs)	0			2		
<input type="checkbox"/>	4. Use Low-VOC Caulk and Construction Adhesives (<70 gpl VOCs) for All Adhesives	0			2		
<input type="checkbox"/>	5. Use Recycled-Content Paint	0				1	
	6. Use Environmentally Preferable Materials for Interior Finish: A) FSC-Certified Wood, B) Reclaimed, C) Rapidly Renewable, D) Recycled-Content or E) Finger-Jointed						
<input type="checkbox"/>	a. Cabinets (50% Minimum)	0				1	
<input type="checkbox"/>	b. Interior Trim (50% Minimum)	0				1	
<input type="checkbox"/>	c. Shelving (50% Minimum)	0				1	
<input type="checkbox"/>	d. Doors (50% Minimum)	0				1	
<input type="checkbox"/>	e. Countertops (50% Minimum)	0				1	
	7. Reduce Formaldehyde in Interior Finish (CA Section 01350)						
<input type="checkbox"/>	a. Subfloor & Stair Treads (90% Minimum)	0			1		
<input type="checkbox"/>	b. Cabinets & Countertops (90% Minimum)	0			1		
<input type="checkbox"/>	c. Interior Trim (90% Minimum)	0			1		
<input type="checkbox"/>	d. Shelving (90% Minimum)	0			1		
<input type="checkbox"/>	8. After Installation of Finishes, Test of Indoor Air Shows Formaldehyde Level <27ppb	0			3		
Total Available Points in Finishes = 21		0					
L. FLOORING		Points Available Per Measure					
	1. Use Environmentally Preferable Flooring: A) FSC-Certified Wood, B) Reclaimed or Refinished, C) Rapidly Renewable, D) Recycled-Content, E) Exposed Concrete. <i>Flooring Adhesives Must Have &lt;70 gpl VOCs.</i>						
<input type="checkbox"/>	a. Minimum 15% of Floor Area	0				1	
<input type="checkbox"/>	b. Minimum 30% of Floor Area	0				1	
<input type="checkbox"/>	c. Minimum 50% of Floor Area	0				1	
<input type="checkbox"/>	d. Minimum 75% of Floor Area	0				1	
<input type="checkbox"/>	2. Thermal Mass Floors: Floor Covering Other than Carpet on 50% or More of Concrete Floors	0		1			
<input type="checkbox"/>	3. Flooring Meets Section 01350 or CRI Green Label Plus Requirements (50% Minimum) [*Points automatically granted when project qualifies for measure J3: ES with IAQ]	0			2		
Total Available Points in Flooring = 7		0					
M. APPLIANCES AND LIGHTING		Points Available Per Measure					

# Enter Project Name

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<b>1. Install Water and Energy Efficient Dishwasher</b>							
<input type="checkbox"/>	a. ENERGY STAR (total 1 point)	0		1			
<input type="checkbox"/>	b. Dishwasher Uses No More than 6.5 Gallons/Cycle (total 2 points)	0					1
<b>2. Install ENERGY STAR Clothes Washing Machine with Water Factor of 6 or Less</b>							
<input type="checkbox"/>	a. Meets Energy Star and CEE Tier 2 requirements (modified energy factor 2.0, Water Factor 6.0 or less) (total 3 points)	0		1			2
<input type="checkbox"/>	b. Meets Energy Star and CEE Tier 3 requirements (modified energy factor 2.2, Water Factor 4.5 or less) (total 5 points)	0					2
<b>3. Install ENERGY STAR Refrigerator</b>							
<input type="checkbox"/>	a. ENERGY STAR Qualified & < 25 Cubic Feet Capacity	0		1			
<input type="checkbox"/>	b. ENERGY STAR Qualified & < 20 Cubic Feet Capacity	0		1			
<b>4. Install Built-In Recycling Center and Composting Center</b>							
<input type="checkbox"/>	a. Built-In Recycling Center	0				2	
<input type="checkbox"/>	b. Built-In Composting Center	0				1	
Total Available Points in Appliances and Lighting = 12		0					
<b>N. OTHER</b>			Points Available Per Measure				
<input type="checkbox"/>	<b>1. Incorporate GreenPoint Rated Checklist in Blueprints - <i>Required</i></b>	0				R	
<input type="checkbox"/>	<b>2. Develop Homeowner Manual of Green Features/Benefits</b> [*Points automatically granted when project qualifies for measure J3: ES with IAQ]	0		1	1		1
Total Available Points in Other = 3		0					
<b>O. COMMUNITY DESIGN &amp; PLANNING (maximum 20 points in this section)</b>							
<b>1. Develop Infill Sites</b>							
<input type="checkbox"/>	a. Project is Located in a Built Urban Setting with Utilities in Place for Fifteen Years	0	1			1	
<input type="checkbox"/>	b. Development is Located within 1/2 Mile of a Major Transit Stop	0	2				
<b>2. Cluster Homes &amp; Keep Size in Check</b>							
<input type="checkbox"/>	a. Cluster Homes for Land Preservation	0	1			1	
<input type="checkbox"/>	b. Conserve Resources by Increasing Density (10 Units per Acre or Greater)	0	2			2	
<input type="checkbox"/>	c. Home Size Efficiency	0				9	
<b>0</b>	<b>3. Subdivision Layout &amp; Orientation to Improve Natural Cooling and Passive Solar Attributes</b>	0	3	7			
<b>4. Design for Walking &amp; Bicycling</b>							
<input type="checkbox"/>	a. Pedestrian Access to 5 or More Neighborhood Services within 1/2 Mile: 1) Community Center/Library; 2) Grocery Store; 3) School; 4) Day Care; 5) Laundry; 6) Medical; 7) Entertainment/Restaurants; 8) Post Office; 9) Place of Worship; 10) Bank	0	2				
<input type="checkbox"/>	b. Development is Connected with A Dedicated Pedestrian Pathway to Places of Recreational Interest within 1/4 mile	0	1				
<input type="checkbox"/>	c. At Least Two of the Following Traffic-Calming Strategies: - Designated Bicycle Lanes are Present on Roadways; - Ten-Foot Vehicle Travel Lanes; - Street Crossings Closest to Site are Located Less Than 300 Feet Apart; - Streets Have Rumble Strips, Bulbouts, Raised Crosswalks or Refuge Islands	0	2				
<b>5. Design for Safety &amp; Social Gathering</b>							
<input type="checkbox"/>	a. All Home Front Entrances Have Views from the Inside to Outside Callers	0	1				
<input type="checkbox"/>	b. All Home Front Entrances Can be Seen from the Street and/or from Other Front Doors	0	1				
<input type="checkbox"/>	c. Orient Porches (min. 100sf) to Streets and Public Spaces	0	1				

# Enter Project Name

Enter Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<input type="checkbox"/>						
<b>6. Design for Diverse Households</b>						
<input type="checkbox"/> a. All Homes Have at Least One Zero-Step Entrance	0	1				
<input type="checkbox"/> b. All Main Floor Interior Doors & Passageways Have a Minimum 32-Inch Clear Passage Space	0	1				
<input type="checkbox"/> c. Locate at Least a Half-Bath on the Ground Floor with Blocking in Walls for Grab Bars	0	1				
<input type="checkbox"/> d. Provide Full-Function Independent Rental Unit	0	1				
Total Achievable Points in Community Design & Planning = 20	0					
<b>P. INNOVATION (maximum 20 points in this section)</b>		Possible Points				
<b>A. Site</b>						
<input type="checkbox"/> 1. Reduce Heat-Island Effect - Install light-colored, high albedo materials (solar reflectance index >= 0.3) for at least 50% of site's non-roof impervious surfaces	0	1				
<input type="checkbox"/> 2. Build on Designated brownfield site	0	3				
<b>B. Foundation</b> [*Points automatically granted when project qualifies for measure J3: ES with IAQ]						
<input type="checkbox"/> 1. Install a Foundation Drainage System	0				2	
<input type="checkbox"/> 2. Sealed and Moisture Controlled Crawlspace	0			2		
<b>C. Landscaping</b>						
<input type="checkbox"/> 1. Meets Bay-Friendly Landscape Program Requirement	0					4
<input type="checkbox"/> 2. Meets California-Friendly Landscape Program Requirement	0					4
3. Rain Water Harvesting System (1 point for <350 gallons, 2 points for > 350 gallons)						2
<input type="checkbox"/> a. Less than 350 gallon capacity	0					1
<input type="checkbox"/> b. Greater than 350 gallon capacity	0					2
<input type="checkbox"/> 4. Assess Site Climate, Exposure, Topography, and Drainage	0					1
<input type="checkbox"/> 5. Perform a Soil Analysis	0					1
<input type="checkbox"/> 6. Irrigation System Uses Recycled Wastewater	0					1
<input type="checkbox"/> 7. FSC Certified, Recycled Plastic or Composite Lumber - Fencing: 70%	0				1	
<b>D. Structural Frame and Building Envelope</b>						
1. Design, Build and Maintain Structural Pest and Rot Controls						
<input type="checkbox"/> a. Locate All Wood (Siding, Trim, Structure) At Least 12" Above Soil	0				1	
<input type="checkbox"/> b. All Wood Framing 3 Feet from the Foundation is Treated with Borates (or Use Factory-Impregnated Materials) OR Walls are Not Made of Wood	0			1		
<input type="checkbox"/>	0			1		
2. Use Moisture Resistant Materials in Wet areas of Kitchen, Bathrooms, Utility Rooms, and Basements [*Points automatically granted when project qualifies for measure J3: ES with IAQ]						
3. Use FSC Certified Engineered Lumber (3 points maximum)						
<input type="checkbox"/> a. Beams and Headers	0				1	
<input type="checkbox"/> b. Insulated Engineered Headers	0				1	
<input type="checkbox"/> c. Wood I-Joists or Web Trusses for Floors	0				1	
<input type="checkbox"/> d. Wood I-Joists for Roof Rafters	0				1	
<input type="checkbox"/> e. Engineered or Finger-Jointed Studs for Vertical Applications	0				1	
<input type="checkbox"/> f. Roof Trusses: 100%	0				1	
4. FSC Certified Wood						
<input type="checkbox"/> a. Dimensional Lumber, Studs and Timber: 100%	0				2	
<input type="checkbox"/> b. Panel Products: 100%	0				2	
<b>E. Exterior Finish</b>						
<input type="checkbox"/> 1. Green Roofs (25% of roof area minimum)	0	1	1			
<input type="checkbox"/>						

# Enter Project Name

Enter Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<input type="checkbox"/>						
<input type="checkbox"/> 2. Flashing Installation Techniques Specified [*Points automatically granted when project qualifies for measure J3: ES with IAQ]	0				1	
<b>F. Insulation</b>						
<b>G. Plumbing</b>						
<input type="checkbox"/> 1. Graywater Pre-plumbing (includes washing machine at minimum)	0					1
<input type="checkbox"/> 2. Graywater System Operational (includes washing machine at minimum)	0					2
<input type="checkbox"/> 3. Innovative Wastewater Technology (Constructed Wetland, Sand Filter, Aerobic System)	0					1
<input type="checkbox"/> 4. Composting or Waterless Toilet	0					2
<input type="checkbox"/> 5. Install Drain Water Heat-recovery System	0		1			
<input type="checkbox"/> 6. Install Water Efficient Fixtures						
<input type="checkbox"/> a. Showerheads or Shower Towers Use <2.0 Gallons Per Minute (GPM) Total	0					1
<input type="checkbox"/> b. Faucets - bathrooms <1.5 gpm	0					1
<input type="checkbox"/> c. Faucets - Kitchen & Utility <2.0 gpm	0					1
<b>H. Heating, Ventilation, and Air Conditioning</b>						
<input type="checkbox"/> 1. Humidity Control Systems (only in California humid/marine climate zones 1,3,5,6,7)	0			1		
<b>I. Renewable Energy</b>						
<input type="checkbox"/> 1. Extraordinary Passive Solar Design (> 50% of load) That is Not Already Reflected in T-24 Modeling	0		5			
<b>J. Building Performance</b>						
<input type="checkbox"/> 1. Test Total Supply Air Flow Rates	0		1			
<b>K. Finishes</b>						
1. Use Environmentally Preferable Materials for Interior Finishes						
<input type="checkbox"/> a. Cabinets (80% minimum)	0				1	
<input type="checkbox"/> b. Interior Trim (80% minimum)	0				1	
<input type="checkbox"/> c. Shelving (80% minimum)	0				1	
<input type="checkbox"/> d. Doors (80% minimum)	0				1	
<input type="checkbox"/> e. Countertops (80% minimum)	0				1	
<b>L. Flooring</b>						
<input type="checkbox"/> 1. Flooring Meets Section 01350 or CRI Green Label Plus Requirements (80% Minimum) [*Points automatically granted when project qualifies for measure J3: ES with IAQ]	0			1		
<b>M. Appliances</b>						
<b>N. Other</b>						
<input type="checkbox"/> 1. Homebuilder's Management Staff are Certified Green Building Professionals	0	1				
<input type="checkbox"/> 2. Detailed Durability Plan [*Points automatically granted when project qualifies for measure J3: ES with IAQ]	0				2	
<input type="checkbox"/> 3. Third-Party Verification of Implementation of Durability Plan	0				2	
<input checked="" type="checkbox"/> 4. Materials Sourced, Processed and Manufactured Within a 500 Mile Radius of the Home	0	1				
<input type="checkbox"/> 5. Comprehensive Owner's Manual and Homeowner Educational Walkthroughs	0		1			
Total Achievable Points in Innovation = 20	0					
<b>Summary</b>						
Total Available Points in Specific Categories		32	193	51	103	71
Minimum Points Required in Specific Categories		0	30	5	6	9
<b>Total Points Achieved</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Enter Project Name

Points  
Achieved

Community

Energy

IAQ/Health

Resources

Water

**Project has not yet met the following recommended minimum requirements:**

- Total Project Score of At Least 50 Points
- Required measures:
  - A3a: 50% waste diversion by weight
  - J2: 15% above Title 24
  - N1: Incorporate GreenPoint Rated Checklist into blueprints
- Minimum points in specific categories:
  - Energy (30 points)
  - IAQ/Health (5 points)
  - Resources (6 points)
  - Water (9 points)
- Maximum 20 points pursued under Community Design and Planning
- Maximum 20 points pursued under Innovation

# Exhibit “B”

## Standards for Compliance and Incentives

# Mandatory Elements of Program

<i>Program Minimum Compliance Mandatory Elements</i>	<i>Beverly Hills</i>
California Energy Title 24 + 15%	30 pts
Indoor Water Conservation 20%	7 pts
Construction Waste Management 50%	0 pts
Storm Water Management	1 pt
Low VOC Adhesives, Paints and Coating	5 pts
Low Formaldehyde Interior Finish Materials	4 pts
Improved Indoor Air Quality by use of better A/C filters	1 pt
Photovoltaic Panel Ready + 7 ½% Consumption Demand	3 pts
Outdoor Smart Irrigation Controllers	3 pts
Reduce Landscaping Irrigation 50%	10 pts
Gray Water System	3 pts
Low VOC Emitting Insulation	2 pts
Project is located in Urban Setting (Community Design)	2 pts
Install Built-In Recycling Center	2 pts
Incorporate Checklist on Construction Plans	0 pts
Install Effective Exhaust Systems	2 pts
Provide Comprehensive Owner's Manual	1 pts
<b><i>BEVERLY HILLS GREEN BUILDING PROGRAM - Minimum Total</i></b>	<b><i>76 pts</i></b>

# Table of Incentives

Table of Single Family Residential Green Building Required Points for Incentives		
Applicable Projects	Required Points	Incentives
New Single Family Residences  & >50% Renovations/ Additions	76 Points Beverly Hills (Minimum)	Expedite Planning and Building & Safety Plan Check (Estimated 1 Month Time Savings)
	150 Points Beverly Hills & Build It Green Combined	Expedite Planning Approval, Building & Safety Plan Check, and Inspection Process (Estimated 1-2 Month Time Savings)