

# Bay-Friendly Scorecard for New Home Landscapes



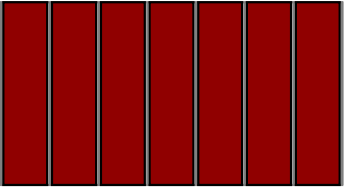
This scorecard tracks Bay-Friendly features incorporated into the design and construction of new home landscapes. The recommended minimum requirements for a Bay-Friendly New Home Landscape are:

1. Complete all required practices that are applicable to the project, as indicated by the red "R" in the columns labeled "Possible Points" AND
2. Earn a total of 60 points or more for the combined site elements of "ALL" (Entire Development) and "CA and P/G" (Common Areas and Parks/Greenways), AND
3. Earn a total of 60 or more points for the combined site elements of "MH" (Model Homes) and "SF" (Single Family).

Date: 2/14/2010

Current Point Total: 339

Site Elements
Entire Development (ALL)
Common Areas (CA)
Park/Greenbelt (P/G)
Model Homes (MH)
Single Family (SF)



**\*Note:**  
The Model Homes (MH) and Single Family (SF) site elements refer to yards installed by the developer (front and back, if applicable) that are maintained by the property owner after the plant establishment maintenance period.

Enter Project Name Here	ALL	CA and P/G	MH*	SF*	Points Earned	Landscape Locally	Less to Landfill	Nurture the Soil	Conserve Water	Conserve Energy	Water and Air Quality	Create Wildlife Habitat
	ALL	P/G	MH*	SF*	Possible Points							
<b>A. SITE PLANNING</b>	ALL	P/G	MH*	SF*		Possible Points						
<b>1. Select and evaluate the site carefully</b>												
a. Submit the completed Bay-Friendly Site Analysis form before 100% design development documents	<input type="checkbox"/> 5				0	5						
b. The site is located within an urban growth boundary and avoids environmentally sensitive sites	<input type="checkbox"/> 3				0	3						
c. The site development results in the clean up of a contaminated site (i.e. brownfield) or is in a designated redevelopment area	<input type="checkbox"/> 3				0						3	
d. The site development encourages walking, bicycling and the use of public transportation												
i. Provide pedestrian and bicycle circulation and traffic calming measures that encourage walking and cycling	<input type="checkbox"/> 4				0					2	2	
ii. Provide bicycle facilities such as bike racks		<input type="checkbox"/> 2			0					1	1	
<b>2. Consider the potential for fire</b>												
a. For sites adjacent to fire sensitive open space or wildlands: Submit a Fire Mitigation Plan	<input type="checkbox"/> 5				0	5						
<b>3. Keep plant debris on site</b>												
a. Produce mulch from plant debris												
i. Design documents specify areas under tree & shrub canopies and at least 10 feet away from hard surfaces and storm drains, to be used as a leaf repository for mulch		<input type="checkbox"/> 1			0		1					
ii. Construction documents specify that of the trees identified for removal, some are used onsite		<input type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1	0		3					
b. Produce compost from plant debris												
i. A site for composting is included in landscape plans. Systems for composting up to and including 3 cubic yards at one time		<input type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1	0		3					
ii. Systems for composting more than 3 and up to 10 yards at one time (total 2 points)		<input type="checkbox"/> 1			0		1					
iii. Systems 10 cubic yards or larger (total 3 points)		<input type="checkbox"/> 1			0		1					
iv. A compost or worm bin is provided to all single family home buyers				<input type="checkbox"/> 1	0		1					
v. A compost or worm bin is modeled in at least one model home of each product			<input type="checkbox"/> 1		0		1					
<b>4. Reduce and recycle waste</b>												
a. An easily accessible area is dedicated to the collection and storage of materials for recycling		<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	0		6					
<b>5. Minimize site disturbance</b>												
a. On greenfield sites, limit site disturbance to protect topography, vegetation and hydrology	<input type="checkbox"/> 3				0	1					1	1
b. On previously developed sites, restore vegetation and hydrology	<input type="checkbox"/> 3				0	1					1	1
<b>6. Provide water and/or shelter for wildlife</b>		<input type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1	0							3

Enter Project Name Here	ALL	CA and P/G	MH*	SF*	Points Earned	Landscape Locally	Less to Landfill	Nurture the Soil	Conserve Water	Conserve Energy	Water and Air Quality	Create Wildlife Habitat
	ALL	P/G	MH*	SF*	Points Earned	Possible Points						
<b>7. Conserve or restore natural areas &amp; wildlife corridors</b>												
a. The landscape is designed to preserve 80% of existing mature healthy trees and penalties for destruction of protected trees are included in construction contract	<input checked="" type="checkbox"/> 2				2							2
b. The landscape is designed to increase open space compared to its previous use and/or to connect it to other open space or wildlife corridors	<input checked="" type="checkbox"/> 2				2							2
c. Create or protect a diverse plant buffer of low maintenance vegetation along creeks, shorelines or monocultured landscaped areas	<input checked="" type="checkbox"/> 2				2							2
Site Planning Subtotal Achieved					6							
<b>B. STORMWATER AND SITE DRAINAGE</b>	ALL	P/G	MH*	SF*	Points Earned	Possible Points						
<b>1. Minimize impervious surfaces</b>												
a. Permeable paving, gravel or other porous surfaces are installed (excluding the area within the public right-of-way) for												
i. 25% OR		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3							3
ii. 33% (total 3-9 points) OR		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6							6
iii. 50% of the paved area (total 5-15 points)		<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	0							6
iv. 85% of the paved area of at least one model home of each product type		n/a	<input type="checkbox"/> 2	n/a	0							2
b. No impervious surface directly connects to the storm drain		<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	4							6
c. Reduce imperviousness of roadways and sidewalks within the public right-of-way from City Standard to improve stormwater quality	<input checked="" type="checkbox"/> 5				5							5
<b>2. Design a system to capture and filter storm water</b>												
a. Capture and filter runoff from parking lots or driveways into landscape beds, vegetated swales or other landscape stormwater BMPs		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6							6
b. Incorporate landscape measures, including vegetated swales, infiltration planters, detention basins and/or stormwater wetlands, that are designed to capture and filter												
i. 85% of average annual stormwater runoff OR		<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	6							6
ii. 100% of average annual runoff (total 4-12 points)		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6							6
c. Bioswales specify flat bottoms of at least 18 inches across and/or rock cobble at points of concentrated flow		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3							3
d. Turf is not specified in bioswales		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3							3
e. Direct rain water from all down spouts to planters, swales or landscaped areas		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3							3
Stormwater and Site Drainage Subtotal Achieved					45							
<b>C. EARTHWORK AND SOIL HEALTH</b>	ALL	P/G	MH*	SF*	Points Earned	Possible Points						
<b>1. Assess the soil and test drainage</b>												
a. Submit laboratory soil analysis results and recommendations for compost and natural fertilizers	<input checked="" type="checkbox"/> 3				3	2		1				
<b>2. Remove and store topsoil before grading</b>												
a. The removal, temporary storage, and re-spreading of topsoil is specified in the landscape design documents AND specifications include a maximum topsoil pile height of 6 feet, as well as measures to protect the stored topsoil from erosion	<input checked="" type="checkbox"/> 2				2			2				
<b>3. Protect soil from compaction</b>												
a. Grading specifications and construction plans call for the installation and maintenance of fencing to prohibit parking or staging materials in areas identified for protection		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6			6				
b. Design documents specify that soil is not worked when wet	<input checked="" type="checkbox"/> 1				1			1				
<b>4. Aerate compacted soils</b>												
a. Design documents include specification to alleviate compacted soils before planting, for all landscaped areas that can not be protected during construction, to a depth of at least:												
i. 8 inches		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3			3				
ii. 12 inches		<input type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1	0			3				

Enter Project Name Here

	ALL	CA and P/G	MH*	SF*	Points Earned	Landscape Locally	Less to Landfill	Nurture the Soil	Conserve Water	Conserve Energy	Water and Air Quality	Create Wildlife Habitat
<b>5. Feed soils naturally &amp; avoid synthetic fertilizers</b>												
a. Fertilizers or soil amendment materials prohibited by Organic Materials Research Institute in its generic materials list are prohibited in construction of the project		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3			3				
<b>6. Mulch</b>												
a. <b>Required:</b> Planting specifications and plans indicate that after construction, all soil on site is protected with a minimum of 3 inches of mulch		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				R				
<b>7. Amend the soil with compost before planting</b>												
a. Quality compost is specified as the soil amendment, at the rates indicated by a soil analysis, to bring the soil organic matter content to a minimum of:												
i. <b>Required:</b> 3.5% by dry weight OR 1 inch of quality compost OR		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					R			
ii. 5% by dry weight OR		<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	0			3	3			
iii. Specify the use of compost from processors that participate in the US Composting Council's Standard Testing Assurance program		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3				3			
<b>8. Use IPM design and construction practices to prevent pest problems</b>												
a. Sheet mulch is specified for weed control		<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 3	9			3			6	
b. Synthetic chemical pre-emergent herbicides are prohibited		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6						6	
<b>9. Keep soil &amp; organic matter where it belongs</b>												
a. Compost berms or blankets or socks are specified for controlling erosion		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6			3			3	
Earthwork Subtotal Achieved					42							
<b>D. MATERIALS</b>	ALL	P/G	MH*	SF*		Possible Points						
<b>1. Use salvaged items &amp; recycled content materials</b>												
a. Non-plant landscape materials are salvaged or made from recycled content materials or FSC certified wood.												
i. Decking (100% of non structural materials)		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3			3				
ii. Fencing (100% of non structural materials)		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6			6				
iii. Outdoor furniture such as bike racks, benches, tables and chairs (50% minimum)		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	n/a	4			4				
iv. Planters or retaining walls (100% of either or both)		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3			3				
v. Parking stops or lighting/sign posts (100% of either or both)		<input checked="" type="checkbox"/> 1	n/a	n/a	1			1				
vi. Play structures or surfaces (100% of either or both)		<input checked="" type="checkbox"/> 2	n/a	n/a	2			2				
vii. Edging or decorative glass mulch (100% of either or both)		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3			3				
b. A minimum 25% of recycled aggregate is specified for walkway, driveway, roadway base and other uses		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6			6				
c. Replace Portland cement in concrete with flyash or slag												
i. 20%		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1	2			3				
ii. 25% (total 2-6 points)		<input type="checkbox"/> 1	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	1			3				
d. Purchased compost and/or mulch is recycled from local, organic materials such as plant or wood waste												
i. 100% of compost OR 100% of mulch		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1	1			3				
ii. 100% of both (total 2-6 points)		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1	1			3				
<b>2. Reduce and recycle landscape construction waste</b>												
a. <b>Required:</b> Divert 50% of landscape construction and demolition waste	<input checked="" type="checkbox"/>							R				

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b. Increase diversion to:												
i. 100% of asphalt and concrete and 65% of remaining materials OR		<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	2		6					
ii. 100% of asphalt and concrete and 80% of remaining materials (total 4-12 points)		<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	0		6					
c. Donate unused materials		<input type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1	0		3					
<b>3. Reduce the heat island effect with cool site techniques</b>												
a. At least 50% of the paved site area includes cool site techniques such as high albedo paving		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6					6		
b. Planting and/or landscape features are designed to shade any exterior air conditioners within 5 years		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3					3		
<b>4. Design lighting carefully</b>												
a. Low energy fixtures are specified for all site lighting		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6					6		
b. Photovoltaic is specified for site lighting												
i. All path lighting is solar powered		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1	1					3		
ii. 50% of all other site lighting is solar powered		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6					6		
iii. 100% of all other site lighting is solar powered (total 4-12 points)		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6					6		
c. Exterior luminaries emit no light above horizontal or are Dark Sky certified		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3					3		
d. The site and exterior building lighting does not cast direct beam illumination onto adjacent properties or right of ways		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3					3		
<b>5. Choose and maintain equipment for resource conservation</b>												
a. Specify solar powered pump(s) for water features		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	n/a	2					2		
b. <b>Required:</b> All ornamental water features are recirculating.	<input checked="" type="checkbox"/>								R			
c. All ornamental water features include a wind sensor to shut off the system during high winds		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3					3		
<b>6. Specify low embodied energy products</b>												
a. 100% of any stone and non-concrete hardscapes materials are produced within 500 miles of the project site		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6					6		
<b>7. Use integrated pest management</b>												
a. Construction specifications that require integrated pest management		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6						6	
<b>8. Use organic pest management</b>												
a. Construction specifications that prohibit the use of pesticides that are not allowed by OMRI in its generic materials list		<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	2							6
Materials Subtotal Achieved					88							
<b>E. PLANTING</b>	ALL	P/G	MH*	SF*		Possible Points						
<b>1. Select appropriate plants: choose &amp; locate plants to grow to natural size and avoid shearing</b>												
a. <b>Required:</b> No species will require shearing		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			R					
b. Plants specified can grow to mature size within space allotted them		<input type="checkbox"/> 1		<input checked="" type="checkbox"/> 1	1		2					
c. Planting palette shall consider solar orientation of the lot			<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	2		2					
<b>2. Select appropriate plants: do not plant invasive species</b>												
a. <b>Required:</b> None of the species listed by Cal-IPC as invasive in the San Francisco Bay Area are included in the planting palette		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			R					
<b>3. Grow drought tolerant CA native, Mediterranean or climate adapted plants</b>												
a. Specify California native, Mediterranean or other climate adapted plants that require occasional, little or no summer water for:												
i. <b>Required:</b> 75% of all non-turf plants		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					R			
ii. 100% of all non-turf plants		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2	4					6		
b. The entire non-turf plant palette need no irrigation once established (total 5-15 points)		<input type="checkbox"/> 3	<input type="checkbox"/> 3	<input type="checkbox"/> 3	0					9		
<b>4. Minimize the lawn</b>												

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a. Turf is not specified in areas less than 8 feet wide or in medians, unless irrigated with subsurface or low volume irrigation		<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	6				6			
b. Turf shall not be installed on slopes exceeding 10%		<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	2				6			
c. Minimize Turf												
i. <b>Required:</b> A maximum of 25% of total irrigated area is specified as turf, with sports or multiple use fields exempted in common areas, parks and greenways		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					R			
ii. A maximum of 15% of total landscaped area is specified as turf, with sports or multiple use fields exempted for common areas, parks and greenways		<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	4				6			
iii. No turf is specified (total 5-12 points)		<input checked="" type="checkbox"/> 3		<input type="checkbox"/> 3	3				9			
d. Minimize turf in model home landscaping												
i. <b>Required:</b> At least one model home of each model complex (if there are 3 or more models) shall demonstrate a front yard landscape that uses no turf.			<input checked="" type="checkbox"/>						R			
ii. <b>Required:</b> A maximum of 25% of total irrigated area is specified as turf			<input checked="" type="checkbox"/>						R			
iii. Turf is not used in landscapes of any model homes			<input checked="" type="checkbox"/> 2		2				2			
<b>5. Implement hydrozoning</b>												
a. Group plants by water requirements and sun exposure and select plant species that are appropriate for the water use within each zone and identify hydrozones on the irrigation plan (with separate irrigation valves for differing water needs, if irrigation is required)		<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2	2				6			
<b>6. Provide shade to moderate building temperatures</b>												
a. Protect existing trees and/or specify new trees such that 50% or more of west facing glazing and walls will be shaded by the trees at their mature size		<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2	2				6			
<b>7. Plant trees</b>												
a. At least 50% of the paved site area is shaded by trees or other vegetation		<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2	2				6			
b. At least one tree species is a large stature species		<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2	2				3			3
c. At least one 24"-box street tree will be provided for each 30-50 lineal feet of street frontage	<input checked="" type="checkbox"/> 1				1				1			
d. One large stature tree (24"-box or greater), in addition to the street tree, will be planted for 50%, 75% or 100% of homes in the development.												
i. 50% of homes	<input type="checkbox"/> 1				0				1			
ii. 75% of homes (total 2 points)	<input type="checkbox"/> 1				0				1			
iii. 100% of homes (total 3 points)	<input type="checkbox"/> 1				0				1			
<b>8. Diversify</b>												
a. Landscapes less than 20,000 square feet shall have a minimum of:												
i. 20 distinct species OR		<input checked="" type="checkbox"/> 1			1							1
ii. 30 distinct plant species (total 3 points)		<input type="checkbox"/> 2			0							2
b. Landscapes with 20,000 to 43,560 square feet (1 acre) shall include a minimum of:												
i. 30 distinct plant species OR		<input checked="" type="checkbox"/> 1			1							1
ii. 40 distinct species OR (total 2 points)		<input checked="" type="checkbox"/> 1			1							1
iii. 50 distinct plant species (total 4 points)		<input type="checkbox"/> 2			0							2
c. Landscapes of greater than 1 acre shall include a minimum of 40 distinct plant species AND												
i. One additional species per acre over 1 acre OR		<input checked="" type="checkbox"/> 2			2							2
ii. Two additional species per acre over 1 acre (total 4 points)		<input checked="" type="checkbox"/> 2			2							2
d. Front yard planting areas of less than 750 square feet shall include:												
i. A minimum of 10 distinct plant species			<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1	1							2
ii. One additional species per additional 250 square feet (total 2-4 points) OR			<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1	1							2
iii. Two additional species per additional 250 square feet (total 3-6 points)			<input type="checkbox"/> 1	<input type="checkbox"/> 1	0							2
<b>9. Choose California natives first</b>												
a. CA natives are specified for 50% of non-turf plants		<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	2							6

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	Planting Subtotal Achieved					44	Possible Points					
<b>F. IRRIGATION</b>	ALL	P/G	MH*	SF*		Possible Points						
<b>1. Design for on-site rainwater collection, recycled water and/or graywater use</b>												
a. Irrigation systems and/or all ornamental uses of water (ponds, fountains, etc) are plumbed for recycled water where it is available from a municipal source.		<input checked="" type="checkbox"/> 3			3				3			
b. Design a system that can store and use rainwater and/or graywater to satisfy a percentage of the landscape irrigation requirements:												
i. 10% OR		<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 3	9				9			
ii. 50% OR (total 4-12 points)		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3				3			
iii. 100% of dry season landscape water requirements satisfied with harvested rainwater (total 5-15 points)		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 1	3				3			
<b>2. Design and install high efficiency irrigation systems</b>												
a. Specify weather based (automatic, self adjusting) irrigation controller(s) that includes a moisture and/or rain sensor shutoff in:												
i. <b>Required:</b> Any developer installed landscapes equal to or greater than 2,500 square feet		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					R			
ii. <b>Required:</b> At least one model of each model complex			<input checked="" type="checkbox"/>						R			
iii. All single family landscapes less than 2,500 square feet				<input checked="" type="checkbox"/> 3					3			
b. <b>Required:</b> Sprinkler and spray heads are not specified for areas less than 8 feet wide		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					R			
c. Specify and install irrigation equipment with an operational distribution uniformity of 80% or greater, such as drip or bubblers for:												
i. A minimum of 75% of non-turf irrigated areas		<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	0				6			
ii. 100% of non-turf irrigated areas (total 5-15 points)		<input type="checkbox"/> 3	<input type="checkbox"/> 3	<input type="checkbox"/> 3	0				9			
d. For all turf areas: Specify and install equipment with a precipitation rate of 1 inch or less per hour and an operational distribution uniformity of 70% or greater		<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	2				6			
e. Design and install irrigation system based on a water budget using												
i. 70% of reference ET		<input checked="" type="checkbox"/> 3	<input type="checkbox"/> 3	<input type="checkbox"/> 3	6				9			
ii. 50% of reference ET (total 6-18 points)		<input type="checkbox"/> 3	<input checked="" type="checkbox"/> 3	<input type="checkbox"/> 3	3				9			
f. Overhead irrigation shall not be permitted within 24 inches of any non-permeable surface.		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1	1				3			
<b>3. Install a dedicated meter for landscape water use or install a submeter</b>												
a. A dedicated irrigation meter or submeter is specified to track irrigation water		<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	0				6			
<b>4. Upon installation, have a certified irrigation auditor conduct a landscape irrigation audit.</b>		<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 4	<input type="checkbox"/> 6	2				12			
Irrigation Subtotal Achieved					32	Possible Points						
<b>G. MAINTENANCE</b>	ALL	P/G	MH*	SF*		Possible Points						
In order to achieve the maintenance points in this section, the site must be maintained by the developer for a minimum of 180 days.												
<b>1. Keep plant debris on site</b>												
a. Grasscycle		<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2		2		4					
b. Produce mulch from plant debris		<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2		2		4					
c. Produce compost from plant debris		<input checked="" type="checkbox"/> 3	<input type="checkbox"/> 3		3		6					
<b>2. Separate plant debris for clean green discounts</b>												
a. <b>Required:</b> Maintenance requires all exported plant debris be separated from other refuse and taken to a facility where it will be used to produce compost or mulch		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		0		R					

Enter Project Name Here

	ALL	CA and P/G	MH*	SF*	Points Earned	Landscape Locally	Less to Landfill	Nurture the Soil	Conserve Water	Conserve Energy	Water and Air Quality	Create Wildlife Habitat
<b>3. Protect soil from compaction</b>												
a. Maintenance requires that soil is not worked when wet, generally between October and April		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1		1			2				
<b>4. Feed soils naturally &amp; avoid synthetic fertilizers</b>												
a. Maintenance includes topdressing turf with finely screened quality compost after each aeration or 1-4 times per year		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1		1			2				
b. Maintenance uses compost, compost tea or other naturally occurring, non-synthetic fertilizers as the plant and soil amendment for all landscape areas		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1		1			2				
c. Maintenance prohibits fertilizers that are prohibited by Organic Materials Research Institute are prohibited in the project		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1		1			2				
<b>5. Mulch Regularly</b>												
a. Maintenance requires regular reapplication of organic mulch, to a minimum depth of 3 inches		<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2		2			2	2			
<b>6. Manage and maintain irrigation system so every drop counts</b>												
a. Maintenance includes a schedule for reading the dedicated meter or submeter and reporting water use		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1		1				2			
b. At completion of the installation, the contractor shall provide the property owner with i. precipitation rate for each valve zone, ii. area calculations for each irrigation zone and the irrigation plans which include the location of irrigation supply shut off, iii. internet address for watering index information		<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	2				6			
c. Maintenance includes regular checking of irrigation equipment, and/or checking soil moisture content before watering AND/OR immediate replacement of broken equipment with equal or superior materials		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1		1				2			
<b>7. Use IPM as part of maintenance practices</b>												
a. Maintenance includes integrated pest management specifications		<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2		2							4
b. At least one landscaping staff member or contractor is trained in the use of IPM or is a Bay-Friendly Qualified Professional		<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2		2							4
<b>8. Choose and maintain your materials, equipment &amp; vehicles carefully</b>												
a. Maintenance requires that all oil leaks are repaired immediately and that repairs are not done at the landscape site		<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 1		1							2
b. Landscape maintenance equipment uses bio-based lubricants and/or alternative fuels.		<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2		2							4
<b>9. Use organic pest management</b>												
a. Maintenance prohibits the use of pesticides that are not allowed by Organic Materials Research Institute in its generic materials list for the maintenance of the landscape		<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 2		2							4
<b>10. Homeowner Walkthrough</b>												
a. Conduct a walkthrough to educate the homeowner on the irrigation system and Bay Friendly landscape maintenance methods. Create checklist that homeowner signs upon completion.				<input checked="" type="checkbox"/> 1	1	1						
b. Provide homeowner with a Bay-Friendly Gardening Guide and maintenance manual describing above Bay-Friendly maintenance procedures and schedules.				<input checked="" type="checkbox"/> 2	2	2						
Maintenance Subtotal Achieved					29							
<b>H. EDUCATION</b>	ALL	P/G	MH*	SF*		Possible Points						
<b>1. Bay-Friendly Landscape Guidelines and Principles are defined and referenced in the construction bid documents</b>		<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 3	9	9						
<b>2. Design &amp; install educational signage</b>												
a. Provide instructional signs and other educational materials to describe Bay-Friendly design, construction and maintenance practices												
i. In common areas, parks, greenways		<input checked="" type="checkbox"/> 4			4	4						
ii. <b>Required:</b> For one model home of each model complex			<input checked="" type="checkbox"/>			R						
<b>3. Include a commitment to Bay Friendly principles in the Codes, Conditions, and Restrictions (CC&amp;Rs).</b>	<input checked="" type="checkbox"/> 7				7	1	1	1	1	1	1	1

Enter Project Name Here	ALL	CA and P/G	MH*	SF*	Points Earned	Landscape Locally	Less to Landfill	Nurture the Soil	Conserve Water	Conserve Energy	Water and Air Quality	Create Wildlife Habitat
	Education Subtotal Achieved					20						
<b>I. INNOVATION</b>	ALL	P/G	MH*	SF*								
<b>1. Create a Bay-Friendly Maintenance task list</b>												
a. Provide a detailed Bay-Friendly maintenance task list and/or use the BF Model Maintenance Specifications as an official reference document in the landscape maintenance contract and/or with on site landscape staff		<input checked="" type="checkbox"/> 7	<input checked="" type="checkbox"/> 7		14	2	2	2	2	2	2	2
<b>2. Employ a holistic approach</b>												
a. Site analysis is submitted AND 65% of landscape construction waste is diverted AND planting plan includes a diverse palette AND 50% of non-turf plants are California native species AND none of the landscape area is in turf AND compost is specified for amending the soil during installation AND natural fertilizers are specified as the exclusive source of nutrients AND integrated OR organic pest management is specified		<input checked="" type="checkbox"/> 7	<input checked="" type="checkbox"/> 7		14	2	2	2	2	2	2	2
<b>3. Provide a dedicated area for washing cars that includes appropriate storm water treatment BMPs.</b>		<input checked="" type="checkbox"/> 2			2					2		
<b>4. Innovation: Design your own Bay-Friendly</b>												
a. Enter description of innovation below, and enter up to 12 points at the right under the appropriate principles. Points will be evaluated by a Bay-Friendly rater.					0							
i. Innovation description:		<input checked="" type="checkbox"/> 4	<input checked="" type="checkbox"/> 4	<input checked="" type="checkbox"/> 4	0	0	0	0	0	0	0	0
Innovation Subtotal Achieved					30							
<b>Summary</b>	ALL	P/G	MH*	SF*								
Total Points Achieved:	29	138	97	75	339	23	50	32	71	58	78	27
Total Possible Points:	60	193	177	133	563							

*Project has met all recommended minimum requirements*

- At Least 60 Points for combined categories of 'ALL' and 'CA and P/G'
- At Least 60 Points for combined categories of 'MH' and 'SF'
- Required Measures:
  - C6a: Mulch
  - C7ai: Amend the soil with compost before planting
  - D2a: Reduce and recycle landscape construction waste
  - D5b: Required: All ornamental water features are recirculating
  - E1a: No Species Will Require Shearing
  - E2a: Do Not Plant Invasive Species
  - E3ai: Grow Drought Tolerant, CA Native, Mediterranean or Climate Adapted Plants
  - E4ci: Minimize the Lawn
  - E4di: At least one model home demonstrates a front yard with no turf
  - E4dii: A maximum of 25% of total irrigated area is specified as turf
  - F2ai: Specify Weather-Based Irrigation Controllers
  - F2aii: Specify Weather-Based Irrigation Controllers
  - F2b: Spray Heads Are Not Specified For Areas Less Than 8 Feet Wide
  - G2a: Maintenance requires all exported plant debris be separated from other refuse and taken to a facility where it will be used to
  - H2aii: At least one model home has signs describing Bay-Friendly design, construction and maintenance