

Landscape Concept:

The site landscape is conceived as a low water use composition of native and/or adaptive plantings incorporating streetscape, public and private amenity spaces and c-3 treatment areas into a cohesive layout of modulated panels of texture for scale and seasonal interest set against highlights of understory canopy, succulent accents and drifts of grasses at street level and rooftop levels.

Central to the siteplan is the incorporation of public amenity spaces into perimeter site landscape. A public seating area is provided at 10th and Parker taking advantage of recessed building façade to allow for additional accent tree canopy, and feature perennial/succulent planting beds with integrated seating and specialty paving. Similarly, along San Pablo Avenue, a public amenity area is provided in association with retail space and tenant entry/access to property. Specialty paving, additional accent tree canopy, and feature perennial/succulent planting beds with integrated seating are incorporated.

Private entry plaza off of 10th street is defined by stairs, ADA ramp and specialty paving. Additionally, two rooftop terraces look out over low water use green roof plantings.

Streetscape along 10th street and Parker Streets incorporate Gingko trees within a low bed of sages alternating with cobble style pavers to provide streetside parking access and street furnishings zone (signage, lighting, etc.). 10th street landscape is punctuated with building pedestrian and vehicular entries providing additional accent tree canopy, entry planters, and specialty pavers.

Streetscape along SanPablo Ave. maintains current Sycamore street trees and introduces understory/accent trees at public pocket park.

Low site walls hold an elevated building pad along 10th street and Parker Street elevations and provide level planting areas to accommodate C-3 treatment planters. Wall planes shift relative to street edge to provide visual interest and view opportunities to/from public seating areas. Site walls are set back from the property line to allow for a continuous cobble band detail to frame the city sidewalk and provide vine pockets to allow site walls to be vegetated.

Tree canopy within the property consists of evergreen oaks in the parking lots, with understory flowering accent trees in areas visible from the street. Cars are screened using Mediterranean/adaptive medium height hedge plantings while adjacent properties/walls are buffered with taller hedges and/or hedgerow trees.

Bay-Friendly Basics Landscape Checklist



This Bay-Friendly Basics Checklist is for all new construction and renovation of landscapes that are 2,500 square feet of irrigated area or greater and require a permit. The Bay-Friendly Basics represents the 9 required practices from the Bay-Friendly Landscape Scorecard. It is considered a minimum set of practices to improve the environmental performance of the landscape. Projects are recommended to meet all applicable measures on the checklist. For measures that are not applicable or are not in the project's scope of work, check "N/A" and make a note of why the measure does not apply to the project (attach additional sheets if necessary). For electronic copies of this checklist, and other Bay-Friendly Landscaping resources, visit: www.BayFriendly.org

Project: 2621 Tenth Street
Address: 2621 Tenth Street (1050 Parker Street) Berkeley, CA **Date:** 11/6/2018

Earthwork & Soil Health

Yes No N/A	Measure & Requirement	Documentation	Notes
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1. Mulch		
	<p>Requirement All soil on site is protected with a minimum of 3 inches of mulch after construction.</p> <p>Recommendation Use recycled or greenwaste mulch instead of landscape fabric. Trees identified for removal are chipped and used on site as mulch, on-site storage space permitting.</p> <p>Reference <i>Bay-Friendly Landscape Guidelines</i>, Practice 4.1; <i>Bay-Friendly Guide to Mulch</i>, available at www.BayFriendly.org. Provides sources of recycled mulch and proper application of mulch and information on sheet mulching.</p>	<ul style="list-style-type: none"> • Submit square footage of planting areas as well as cubic yards required to cover planting areas to a minimum three-inch (3") depth. • Submit a delivery ticket or receipt of purchased mulch and/or, • Submit receipts for sheet mulching materials and/or, • (Optional) Submit photos of trees being chipped for mulch (if applicable). 	<p>Noted: will be provided in association with construction administration.</p>
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2. Amend the Soil with Compost Before Planting		
	<p>Requirement 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 3.5% by dry weight or 1 inch of compost. If the imported or site soil meets the organic content of 3.5% or more, then the requirement is waived.</p> <p>Recommendation Purchase compost from a producer who participates in the U.S. Composting Council's Standard Testing Assurance(STA) program to ensure quality.</p> <p>Reference <i>Bay-Friendly Landscape Guidelines</i>, Practice 4.1; Model Bay-Friendly Soil specifications, at www.BayFriendly.org; U.S. Composting Council Standard Testing Assurance program explanation and list of participating producers can be found at: www.compostingcouncil.org</p>	<ul style="list-style-type: none"> • Submit the site soil or imported topsoil analysis. No soils analysis is required if 1" of compost is used. • Submit+H35 compost details from construction documents. • Submit the receipt or delivery ticket for the compost, indicating the amount of the compost delivered/purchased. <p><i>If a waiver is requested based on soil organic matter content or the needs of plant palette,</i></p> <ul style="list-style-type: none"> • Submit a completed plant palette with species that need little/no soil organic matter identified, and include the source of information on their soil needs OR • Submit a soils report that indicates the soil has an organic matter content of 3.5% or greater. 	<p>Noted: will be provided in association with construction administration.</p>

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Yes No N/A Measure & Requirement Documentation Notes

Materials

<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	3. Reduce and Recycle Landscape Construction Waste		
<p>Requirement Divert 50% of landscape construction and demolition waste by weight. Verify the local jurisdiction's minimum requirement and reporting procedures for construction and demolition (C&D) recycling.</p> <p>Reference: StopWaste.Org, <i>Builders' Guide to Reuse & Recycling: A Directory for Construction and Demolition Materials</i> and sample Waste Management Plan for recycling C&D materials at www.BuildGreenNow.Org.</p>		<ul style="list-style-type: none"> • State the percent diversion goal in the design documents. • List specific goals and recycling and reuse requirements in plans and specifications. • Require contractors to review the waste management plan with subcontractors and to include contract language requiring subcontractors comply with the plan. • Prior to construction, complete a construction waste management plan. The City should provide a sample template, or one can be downloaded at www.BuildGreenNow.org. • After construction, provide final waste management plan with backup documentation. If materials were sent to a C&D Recycling facility, apply a facility average diversion rate because not all materials can be recycled. Most large C&D facilities have a calculated diversion rate and can provide you with documentation stating the percentage of materials recycled at that facility (typically 50% to 90%). 	<p>Noted: will be provided by contractor in association with construction administration.</p>

Planting

<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	4. Choose & Locate Plants to Grow to Natural Size		
<p>Requirement Species will be selected and plants spaced to allow them to grow to their natural size and shape . Pruning for structural integrity and health of plant is permitted. In addition, plants located in a row or adjacent to buildings, sidewalks or roads will be spaced between their minimum and maximum mature plant spread according to a published reference plant book and still fit into thier planting area without significant overhang. Trees must meet the spacing requirements only when adjacent to buildings, in a row or other adjacent to other vertical obstructions. Vines are not subject to spacing requirements.</p> <p>Reference <i>Bay-Friendly Landscape Guidelines</i> , Practices 2.1, Bay-Friendly Plant lists are available at www.BayFriendly.org; Bronsetin,Carol, David Fross and Bart O'Brien, <i>California Native Plants for the Garden</i>; East Bay Municipal Utility District, <i>Plants and Landscapes for Summer Dry Climates</i>; Sunset,<i>Western Garden Book</i>.</p>		<ul style="list-style-type: none"> • Submit plant legend indicating plant species, spacing and mature spread of plant. Indicate the source of information on spacing and spread. • Submit a statement signed by the Landscape Architect, Designer or Contractor verifying that installed plants meet this requirement. 	<p>Noted: Plant legend is reflected on schedule sheet in construction documents with spacing noted and/or reflected on planting plans. Statement will be provided at conclusion of construction administration in conjunction with substantial completion letter.</p>

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Yes No N/A	Measure & Requirement	Documentation	Notes
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>5. Do Not Plant Invasive Plant Species</p> <p>Requirement None of the plant species listed by CAL-IPC's Don't Plant a Pest as invasive in the San-Francisco, Bay Area are included in the planting plan.</p> <p>Definition An invasive species is defined as a species that is non-native (or alien) to the ecosystem under consideration and whose introduction causes or is likely to cause economic or environmental harm or harm to human health. Federal Executive Order 13111.</p> <p>Reference Bay-Friendly Landscape Guidelines, Practice 2.1d; Don't Plant A Pest brochures for trees and plants available at www.cal-ipc.org; www.cal-ipc.org/ip/inventory/weedlist.php.</p>	<ul style="list-style-type: none"> • Compare the complete list of plants in the plant palette to the Cal-IPC list of plants that are invasive to the San Francisco Bay-Area. • Submit the complete plant palette. • Submit a statement signed by the Landscape Architect, Designer or Contractor confirming that no invasive species were substituted for specified species. 	<p style="color: blue; font-size: small;">Noted: See plant schedule sheet in construction documents. Statement will be provided at conclusion of construction administration in conjunction with substantial completion letter.</p>
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>6. Grow drought tolerant CA native, Mediterranean or climate adapted plants</p> <p>Requirement A minimum of 75% of the total number of plants in non-turf areas must be species that require no or little summer watering once established. Species should be adapted to the climate in which they will be planted, as referenced by a published plant reference. If plants are given a range of water needs from "occasional to moderate" for example, the landscape designer must determine if the plant will require either occasional or moderate watering based on site, soil, and climate conditions and categorize the plant appropriately.</p> <p>Recommendation California native or Mediterranean species are strongly recommended.</p> <p>Reference <i>Bay-Friendly Landscape Guidelines</i> Practice 4.2; www.owue.water.ca.gov/docs/wucols00.pdf.</p>	<ul style="list-style-type: none"> • Submit a plant legend that identifies species, number of plants, irrigation requirements (and reference source of the water requirement), total number of drought tolerant plants and total number of non-turf plants. (download a Bay-Friendly plant legend template to facilitate this process at www.BayFriendly.org). • Submit a statement signed by the Landscape Architect, Designer or Contractor verifying that installed plants meet this requirement. 	<p style="color: blue; font-size: small;">Noted: Plant legend is reflected on schedule sheet in construction documents. Irrigation requirements/calcs(WELO) are provided on irrigation schedule sheet in construction documents. Statement will be provided at conclusion of construction administration with substantial completion letter.</p>

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Yes No N/A	Measure & Requirement	Documentation	Notes
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	7. Minimize the lawn Requirement A maximum of 25% of total irrigated area is specified as turf, with sports or multiple use fields exempted. Reference <i>Bay-Friendly Landscape Guidelines</i> , Practice 4.3; Bay-Friendly Lawn Alternatives plant list at www.BayFriendly.org ; Brooklyn Botanic Garden Publications, <i>Easy Lawns, Low Maintenance Native Grasses for Gardeners Everywhere</i> .	<ul style="list-style-type: none"> • Submit calculations of square feet of turf, excluding sports and multiple use fields, and square feet of total irrigated area. • Submit planting plans with sports and multiple use fields identified. Include a statement about the purpose of multiple use fields. • Submit as statement signed by the Landscape Architect, Designer or Contractor that installed turf meets the requirements for this credit. 	<p style="color: blue;">Not Applicable. No turf provided in planting design.</p>

Irrigation

<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	8. Specify Weather-Based Irrigation Controllers (automatic, self-adjusting) that Includes a Moisture &/or Rain Sensor Shutoff Requirement Weather-based irrigation controllers, soil moisture based controllers or other self-adjusting irrigation controllers, shall be required for all irrigation systems. Reference <i>Bay-Friendly Landscape Guidelines</i> , Practice 4.6; EBMUD website has a list of recommended self adjusting controllers at www.ebmud.com .	<ul style="list-style-type: none"> • Submit the make and model and product sheet of the irrigation controller. • Provide a statement signed by the Landscape Architect, Designer or Contractor that the installed controller is a self-adjusting model and includes shut off capacity. 	<p style="color: blue;">Noted: See irrigation schedule provided in construction documents. Statement to be provided at conclusion of Construction Administration with substantial completion letter.</p>
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<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	9. Sprinkler & Spray Heads are Not Specified for Areas Less Than 8 Feet Wide Requirement Sprinkler and spray heads are not specified in areas less than or equal to 8 feet wide to prevent overspray and runoff. Acceptable alternatives include drip, subsurface drip, bubblers or no irrigation. Bubblers shall not exceed 1.5 gallons per minute per bubbler.	<ul style="list-style-type: none"> • Submit statement signed by the Landscape Architect, Designer or Contractor verifying that irrigation as installed does not have sprinkler or spray heads in planted areas less than 8 feet wide. 	<p style="color: blue;">Noted: See irrigation plans and schedule provided in construction documents. No overhead spray used in areas less than 8 feet wide. Statement to be provided at conclusion of Construction Administration with substantial completion letter.</p>
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Bay-Friendly Basics: Bay-Friendly Basics represents the 9 required practices in the Bay-Friendly Landscape Scorecard. Landscapes that achieve the Bay-Friendly Basics will achieve significant environmental benefits for the project and community as well as taking the first step toward becoming a Bay-Friendly Rated Landscape. If a project is interested in seeking to qualify as a Bay-Friendly Rated Landscape, it must also earn a minimum of 60 points on the Bay-Friendly Landscape Scorecard and be evaluated by a qualified Bay-Friendly Rater. Please visit www.BayFriendlyCoalition.org to learn more about taking this next step in sustainability. The Bay-Friendly Basics is not a substitute for exercising sound judgment in particular circumstances. Rather, the Bay-Friendly Basics is designed to help local governments raise the minimum environmental requirements for landscape projects that require a permit.

This checklist works well with the Small Commercial Green Building Checklist available at www.stopwaste.org/smallcommercial.