SECTION 32 33 23
TRASH & RECYCLING RECEPTACLES
Design Standard

PART 1 GENERAL

1.1 PURPOSE

A. San Mateo County Community College District is committed to providing world-class educational facilities for its faculty, staff and students. This goal would be unfulfilled without emphasizing that the exterior environment is part and parcel to the educational experience. The campus exterior is not just the space left over between the buildings nor is it simply the void between the buildings and the parking lots. The design of the entire campus experience must be thoughtfully considered to achieve this goal.

The purpose of this design standard is to ensure consistency in the provision of a family of exterior trash and litter receptacles at each campus, which are functionally and aesthetically appropriate to each college's environment.

PART 2 PRODUCTS:

2.1 RECEPTACLE SELECTION CRITERIA

A. Ergonomics: Select receptacles with hinged side opening, for ease of emptying. Maintenance personnel must not be required to lift heavy lids or contents in order to empty the receptacle.

B. Durability: Select receptacles whose materials and construction will withstand the rigors of the outdoor environmental conditions as well as decades of use and abuse on a college campus. Features should include but are not limited to:

1. Side-opening style, so that rainwater does not fill the receptacle
2. Integrated liner container
3. Construction of cast aluminum sides and door; spun aluminum top; cast iron base
4. Stainless steel door hinges, latches and other dynamic components
5. All metal should be finished to resist rusting, chipping, peeling and fading
6. Finishes should be repairable and maintainable, in the event of minor damage such as vandalism.

C. Sustainability: Select receptacles with recycled material content of 60% or greater, of which 35% or greater is post-consumer and 20% or greater is postindustrial. The materials should be 100% recyclable. The finishes should contain no heavy metals and must have extremely low VOCs, and must be HAPS-free.

D. Coordination with other site furnishings: The litter receptacles should match or complement other site furnishings, to avoid a hodge-podge or mismatched appearance. Since each college has existing trash and litter receptacles, each design professional must consult with the District Project Manager to ascertain the replacement or complementing strategy to be employed for trash and recycling receptacles on a project by project basis.

2.2 LOCATING RECEPTACLES

A. As identified in each campus sustainability plan, trash and recycling receptacles should always be located together. Blue lids and durable signage should be provided to clearly identify the recycling receptacle.

B. Consult with the District Project Manager to determine the quantity and location of receptacles on a project by project basis.

2.3 PREFERRED RECEPTACLES

	Main Campus	Parking Lots & Perimeter
Cañada	Landscape Forms “Chase Park”	Forms + Surfaces “Cordia” [Pending approval]
CSM	Landscape Forms “Chase Park”	Forms + Surfaces “Cordia” [Pending approval]
Skyline	Forms + Surfaces “Dispatch” [Pending approval]	Forms + Surfaces “Cordia” [Pending approval]

A. Note that Skyline’s preferences differ from the other campuses, due to the challenges of the marine influence on their campus.

B. Pictures and specifications follow below.

Manufacturer:	Landscape Forms	
Product:	Chase Park Receptacle	
Style:	36-gallon, side-opening	
Material:	Powder-coated cast aluminum body, cast iron base	
Finish Options:	Trash:	“Stone” body, “Stone” lid
	Recycling:	“Stone” body, “Bluebell” lid
Standard Options:	Mount:	Free Standing
Graphics:	Mount graphics on both sides	
	Trash:	None
	Recycling:	“Recyclables” with recycle symbol
Custom Options:	Stainless steel bottom ring welded to cast iron base and powder coated “Stone” (to enable rolling)	
Uses:	Cañada and CSM main campuses only	

Image from manufacturer, receptacle shown in different color than specified

Manufacturer:	Forms + Surfaces	
Product:	Dispatch Receptacle	
Style:	36-gallon, single-stream, side-opening	
Finish:	Trash:	“Argento Texture” body, “Argento Texture” lid
	Recycling:	“Argento Texture” body, “Azure Texture” lid
Standard Options:	Lid Openings:	Standard openings, both sides, for all receptacles
	Liner Options:	Bag straps and drain holes
	Latch:	Standard lift lever
	Liner:	Drain holes and bag slots
	Mount:	Free standing with concrete base
Graphics:	Signage mounted on both sides	
	Trash:	None
	Recycling:	“Recycling”
Uses:	Skyline main campuses only	

Image from manufacturer, receptacle shown in different color and configuration than specified

Manufacturer:	Forms + Surfaces	
Product:	Cordia Receptacle	
Style:	36-gallon, single-stream, aluminum inset, with Rain Cover lid	
Finish:	Trash:	“Argento Texture” body, “Argento Texture” lid
	Recycling: “	“Argento Texture” body, “Azure Texture” lid
Standard Options:	Latch:	Standard Lift latch
	Liner Options:	Bag straps and drain holes
	Mount:	Free standing with levelers
Graphics:	Signage mounted on all four sides	
	Trash:	No graphics
	Recycling:	“Recycling” graphic on black background
Uses:	All three campuses, in parking lots only	

APPROVED MANUFACTURERS

C. Landscape Forms

D. Forms and Surfacse

PART 3 EXECUTION

3.1 SUBSTITUTIONS

A. These District Standards have been approved by SMCCCD as Guidelines. Any deviation from the Standard must be approved by the District Project Manager.

3.2 Associated Design Standards and Construction Specifications:

01 81 13 Sustainability Design Standard

32 00 00 Cañada College Campus Exterior Design Standard

32 00 00 College of San Mateo Exterior Design Standard

32 00 00 Skyline College Exterior Design Standard

32 33 13 Bicycle Racks Design Standard

32 33 43 Site Furniture Design Standard

San Mateo County Community College District is strongly committed to promoting sustainability throughout their campus projects. Section 01 81 13 Sustainability of the Design Standard provides guidelines and recommendations for implementing sustainability strategies. Where relevant, specific sustainability criteria is noted in this section; however, each project team should review and cross reference that front section while developing the specific project and its documentation. Each discipline shall confirm that specific performance and manufacturer information provided in the specification section is in alignment with code requirements, LEED criteria, and any other goals for sustainability.

END OF SECTION