

Design Standard Site Furnishings

Purpose:

East Side Union High School 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 a critical element in 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 outdoor environment is an outdoor educational environment that facilitates curriculum for science programs such as biology, botany, geology, geography, art programs such as photography and 2D art, and liberal arts such as English composition. Through hands-on interpretative environmental opportunities, sustainable design principles, presentation galleries and outdoor learning studios, teachers and students use the exterior environment as an evolving laboratory for their academic disciplines and as a means of understanding the hydrological, geological, geographical, biological and social environment of their high school campus. At its most basic function, the outdoor campus environment serves as a venue for students, teachers and the community to congregate and socialize, to eat, to engage in learning activities, and to walk from destination to destination.

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 outdoor furnishings at each campus, which are functionally and aesthetically appropriate to each school's environment, therefore achieving a standard of functionality, maintenance, reliability and quality throughout all renovation and new construction projects.

Design Standard:

1. General

- a. **Coordinate with other site furnishings:** The furnishings should match or complement site seating elements, trash and litter receptacles, tables, wayfinding signage, literature displays, bus shelters, etc. to avoid a hodge-podge or mismatched appearance. Since each school has existing site furnishing and fixture elements, each design professional must consult with the Facilities Director to ascertain the replacement or complementing strategy to be employed for site furnishing elements on a project by project basis.
- b. **Hierarchy of Furnishings:** It is anticipated that certain high profile areas of our campuses may be provided with furnishings of a higher aesthetic

order, while peripheral areas may receive furnishings that are more economical.

- c. **Durability:** Select furnishings whose materials and construction will withstand the rigors of the outdoor environmental conditions as well as decades of use and abuse on a high school campus.
- d. **Sustainability:** Select receptacles with recycled material content of 60% or greater, of which 35% or greater is post consumer and 20% or greater is post industrial. The materials should be 100% recyclable. The finishes should contain no heavy metals and must have extremely low VOCs, and must be HAPS-free.
- e. **Anchorage:** Tables must be mechanically anchored to concrete flatwork and/or piers.
- f. **Materials:** When selecting metal tables and seating, be cognizant of how hot the metal can get from sun exposure: we have experienced burns and discomfort from how hot the metal elements become on sunny days.

2. Benches

- a. Backless benches offer greater seating flexibility.
- b. Benches must be mechanically anchored to concrete flatwork and/or piers.
- c. When selecting metal benches, be cognizant of how hot the metal can get from sun exposure: we have experienced leg burns and discomfort from how hot the metal seat elements can get on warm days.

3. Tables

- a. Tables with built-in seating offer the most maintenance-free solution.
- b. Backless seats offer greater seating flexibility and durability.
- c. If table umbrellas are to be specified for a project, permanently secured metal umbrellas offer the most maintenance-free solution.

4. Trash and Litter Receptacles

- a. **Ergonomics:** Select solid waste receptacles with hinged side opening, for ease of emptying. Maintenance personnel must not be required to vertically lift heavy lids or contents in order to empty the receptacle.
- b. **Solid Waste Collection:** Solid waste receptacles should be placed side by side for collection of recyclables as well as trash. Ensure factory labeling of the containers.
- c. **Compacting Waste Stations:** In high volume areas, consider solar-powered compacting waste stations. Compaction reduces the labor associated with repeated visits by maintenance staff to empty the containers, and the solar powered units demonstrate an awareness and commitment to sustainable environments, and offer a learning opportunity.
- d. **Construction and 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 high school campus.

Features should include but are not limited to:

- i. Side-opening style, so that rainwater does not fill the receptacle
- ii. Integrated liner container
- iii. Construction of cast aluminum sides and door; spun aluminum top; cast iron base
- iv. Stainless steel door hinges, latches and other dynamic components
- v. All metal should be finished to resist rusting, chipping, peeling and fading
- vi. Finishes should be repairable and maintainable, in the event of minor damage.

Approved Manufacturers:

○ **Benches**

- Concrete
 - Wausau TF5029 University Bench 72
 - Color: Standard Weatherstone series, B4 Buff, or TBD
- Metal
 - Landscape Forms 35 Collection *Sit* benches
 - Leisure Craft Inc. HP8NB
 - Color: TBD
 - Wabash Signature Series SG110D
 - Perforated metal (*not* expanded metal)
 - Color: TBD

○ **Tables**

- Metal
 - Landscape Forms, Carousel table
 - Perforated seats
 - Optional perforated backs
 - Steelhead perforated top with umbrella hole
 - Color: Verdigris, Ivy, or TBD
 - Umbrella color: Stone, or TBD
 - Wabash Signature Series SG110D 8' Table - 1 5/8" Legs
 - Perforated metal (*not* expanded metal)
 - Color: Green, or TBD

○ **Trash and Litter Receptacles**

- Compacting
 - BigBelly double and triple stations
 - SmartBelly double and triple stations

- Concrete
 - ULine Landmark Series H-1209 Domed Top Receptacles
- Metal
 - Landscape Forms Chase Park
 - Color: Stone, or TBD
- Synthetic
 - Quick Crete Products Palm Series Waste Receptacle QR-PS2533W
 - Lid style: LID-HOVER21/BLK 21 5/8" O.D. x 12" I.D. x 26" O.D. DOME ROUND STEEL FUNNEL LID W/ SECURITY CABLE & BOLT
 - Liner style: QR-PL27B plastic 30 gallon liner
 - Color: C-3 latte with a T-2 Light Sandblast finish, or TBD

Substitutes Allowed:

Yes, if performance and quality equivalency can be evidenced.

Associated Design Standards and Construction Specifications:

- 12 93 13 Bicycle Racks Design Standard
- 32 00 00 Campus Exterior Improvements Design Standard

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