

San Bernardino Community College

District/ Campus Standards

DRAFT Table of Contents

10/21/19

1) Overview:

- a) Executive Summary
- b) District Introduction**
- c) Crafton Hills College Introduction**
- d) San Bernardino Valley College Introduction**

2) Process:

- a) Statement on Purpose and Use of Standards
- b) Design/ Approval Process Flow Chart
- c) Systems & Products Whole Life Cycle Costing Analysis/ Energy Efficiency Analysis

3) Design Standards Components:

- a) District Standards**
 - i) the overall District Standards shall incorporate as many of the individual discipline standards as possible, to maintain parity and streamline maintenance between the two Campuses**
- b) Campus Specific Standards
 - i) Crafton Hills College Standards (reference Master Plan)**
 - ii) San Bernardino Valley College Standards (reference Master Plan)**
- c) Sustainability Standards
- d) Campus Infrastructure Plans
- e) Process and Investigation Requirements, and up front deliverables

4) Site Design Standards:

a) District Wide Standards

- i) General Site Design Standards, including; Durability, Maintenance, Sustainability, and Life Cycle Costing.
- ii) Civil Standards
 - (1) Roadway General Standards
 - (2) Parking General Standards
 - (3) Walkway General Standards
- iii) Landscape Standards
 - (1) Irrigation General Standards

b) Crafton Hills College Standards

- i) Campus Specific Civil Standards
 - (1) Pavements Standards 
- ii) Campus Specific Landscape Standards
 - (1) Planting Standards
 - (2) Irrigation Standards
 - (3) Drainage Standards
- iii) Campus Specific Site Wayfinding and Signage Standards (see section 13)
- iv) Campus Specific Avian Protection/Deterrents Requirements
- v) Campus Specific Site Constructions Standards
 - (1) Shade Structure Standards
 - (a) Incorporation of Photovoltaic Panels
 - (2) Fencing and Gate Standards
 - (3) Stairs and Railing Standards
 - (4) Site wall Standards 
- vi) Campus Specific Site Furnishing Standards
- vii) Campus Specific Site Lighting & Exterior Building Lighting Standards

c) San Bernardino Valley College Standards

- i) Campus Specific Civil Standards
 - (1) Pavement Standards
- ii) Campus Specific Landscape Standards
 - (1) Planting Standards
 - (2) Irrigation Standards
 - (3) Drainage Standards
- iii) Campus Specific Site Wayfinding and Signage Standards (see section 13)
- iv) Campus Specific Site Constructions Standards
 - (1) Shade Structure Standards
 - (a) Incorporation of Photovoltaic Panels
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 - (3) Stairs and Railing Standards
 - (4) Site wall Standards
- v) Campus Specific Site Furnishing Standards
- vi) Campus Specific Site Lighting & Exterior Building Lighting Standards

5) Exterior Building Materials and Finishes Standards:

a) District Wide Standards

- i) General Exterior Building Materials and Finishes Standards, including; Durability, Maintenance, Sustainability, and Life Cycle Costing.

b) Crafton Hills College Standards

- i) Existing Building Materials and Colors/ Finishes
- ii) New Building Materials and Colors/ Finishes Standards
- iii) Campus Specific Moisture Protection and Roofing Standards
 - (1) Incorporation of Photovoltaic Panels
- iv) Campus Specific Shading and Passive Solar Protection Standards



c) San Bernardino Valley College Standards

- i) Existing Building Materials and Colors/ Finishes
- ii) New Building Materials and Colors/ Finishes Standards
- iii) Campus Specific Moisture Protection and Roofing Standards
 - (1) Incorporation of Photovoltaic Panels
- iv) Campus Specific Shading and Passive Solar Protection Standards

6) Interior Space Planning Standards:

a) District Wide Standards

- i) Parity
- ii) (note on State Space Planning Standards)
- iii) Interior Space Dimensional Standards (Diagrams for SF, Height, and other key dimensions)
 - (1) Classrooms
 - (2) Lecture Halls
 - (3) Study Labs
 - (4) Technology Rooms
 - (5) Support Rooms
 - (6) Offices & Work Stations
 - (7) Conference Rooms

b) Crafton Hills College Standards



- i) (Any Campus Specific Standards)

c) San Bernardino Valley College Standards

- i) (Any Campus Specific Standards)

7) Interior Building Materials, Finishes and Acoustical Standards:

a) District Wide Standards

- i) General Interior Building Materials and Finishes Standards, including; Durability, Maintenance, Sustainability, and Life Cycle Costing.
- ii) Interior Building Materials, Finishes and Acoustical Standards by room type;
 - (1) Classrooms
 - (2) Lecture Halls
 - (3) Study Labs
 - (4) Technology Rooms
 - (5) Support Rooms
 - (6) Offices & Work Stations
 - (7) Conference Rooms
 - (8) Restrooms
 - (9) Breakrooms
 - (10) MEP & Custodial Rooms
 - (11) Elevator Interiors

b) Crafton Hills College Standards

- i) Existing Building Materials and Colors/ Finishes
- ii) New Building Materials and Colors/ Finishes Standards

c) San Bernardino Valley College Standards

- i) Existing Building Materials and Colors/ Finishes
- ii) New Building Materials and Colors/ Finishes Standards

8) Furniture, Fixtures & Equipment (FF&E):

a) District Wide Standards

- i) FF&E General Requirements, including; Durability, Maintenance, Sustainability, and Life Cycle Costing.
- ii) Requirements for product lines and manufacturer selections based on direct procurement contracts available to the District.
- iii) FF&E Standards by room type
 - (1) Classrooms
 - (2) Lecture Halls
 - (3) Study Labs
 - (4) Technology Rooms
 - (5) Support Rooms
 - (6) Offices & Work Stations
 - (7) Conference Rooms

b) Crafton Hills College Standards

- i) Campus Specific FF&E Requirements
- ii) Existing Building FF&E Materials and Colors/ Finishes
- iii) New Building FF&E Materials and Colors/ Finishes Standards

c) San Bernardino Valley College Standards

- i) Campus Specific FF&E e Requirements
- ii) Existing Building FF&E Materials and Colors/ Finishes
- iii) New Building FF&E Materials and Colors/ Finishes Standards

9) Information Technology (IT) & Audio/Visual (A/V) Standards:

a) District Wide Standards

- i) IT & AV General Standards
- ii) IT & AV Standards by room type
 - (1) Classrooms
 - (2) Lecture Halls
 - (3) Study Labs
 - (4) Technology Rooms
 - (5) Support Rooms
 - (6) Offices & Work Stations
 - (7) Conference Rooms



b) Crafton Hills College Standards

- i) General Campus IT Standards

c) San Bernardino Valley College Standards

- i) General Campus IT Standards



10) Structural, Mechanical, Electrical, and Plumbing Standards:

a) District Wide Standards

- i) General Building MEP Systems, Products and Fixtures Standards, including; Durability, Maintenance, Sustainability, and Life Cycle Costing.
- ii) Mechanical Systems & Product Standards
 - (1) (Reference Energy Efficiency Goals & Sustainability Standards)
- iii) Plumbing Systems, Products and Fixtures
 - (1) (Reference Energy Efficiency Goals & Sustainability Standards)
- iv) Electrical Systems, Products, and Fixtures
 - (1) Lighting fixtures & Daylighting
 - (2) (Reference Energy Efficiency Goals & Sustainability Standards)
- v) Elevator Systems & Products Standards
- vi) Fire Alarm Systems & Product Standards
- vii) Fire Sprinkler System & Product standards

b) Crafton Hills College Standards

- i) Existing Structural Systems & and Special Site Structural Conditions
- ii) (Any Campus Specific Standards)
- iii) (Reference Campus Infrastructure Plans)

c) San Bernardino Valley College Standards

- i) Existing Structural Systems & and Special Site Structural Conditions
- ii) (Any Campus Specific Standards)
- iii) (Reference Campus Infrastructure Plans)

11) Safety Standards:

- a) (Need to define Scope of this section.)
- b) (Tentative topics include; Safety Plans, Emergency Plans, Campus and Building fortification requirements, and General Safety Criteria)
- c) (This section needs to be coordinated with Security, and Fire Alarm Disciplines)

12) Security and Access Control Hardware Standards:

a) District Wide Standards

- i) Security Program General Requirements
- ii) Door Hardware General Standards

b) Crafton Hills College Standards

- i) Campus Specific Security Requirements
- ii) Existing Building Access Control Hardware Materials and Colors/ Finishes
- iii) New Building Access Control Hardware Materials and Colors/ Finishes Standards

c) San Bernardino Valley College Standards

- i) Campus Specific Security Requirements
- ii) Existing Building Access Control Hardware Materials and Colors/ Finishes
- iii) New Building Access Control Hardware Materials and Colors/ Finishes Standards

13) Wayfinding & Signage Standards:

a) District Wide Standards

- i) Wayfinding & Signage General Requirements

b) Crafton Hills College Standards

- i) Campus Specific Wayfinding & Signage Requirements
- ii) Existing Building Wayfinding & Signage Materials and Colors/ Finishes
- iii) New Building Wayfinding & Signage Materials and Colors/ Finishes Standards

c) San Bernardino Valley College Standards

- i) Campus Specific Wayfinding & Signage Requirements
- ii) Existing Building Wayfinding & Signage Materials and Colors/ Finishes
- iii) New Building Wayfinding & Signage Materials and Colors/ Finishes Standards

14) Checklists