



## Design Standards Revisions Log

3/16/2016

Item	By	Date	Title	Page	Section	Key Changes	Approved	Rejected	Notes
1	SCCD Facilities Dept.	8/20/2014	Lighting	196	26 50 00	LED exterior lighting	BOT 2/18/15		The District is requesting to add LED exterior lighting into District Standards to improve the quality of light and promote energy savings.
2	SCCD Facilities Dept.	8/20/2014	Lighting	196	26 50 00	T-8 25W interior lighting with 7 years manufacturer warranty	BOT 2/18/15		The current District standards only calls for 2x4 fixtures. The District standard is being amended to be more specific. 2'x4' fluorescent fixtures are to be T-8 25 watt for interior lighting to consolidate inventory (reduce fluorescent tube stocking) and standardize parts for reduced maintenance costs.
3	SCCD Facilities Dept.	8/20/2014	Door hardware	47	N/A	Vertical rods for doors	BOT 2/18/15		District wishes to improve door hardware standards by requiring all double doors to have vertical rods; all metal and aluminum storefront doors to have concealed rods, and vertical rods for wood doors.
4	SCCD IT	10/29/2014	Audio Visual	275	27 00 00	AV and Video Conferencing: Utology as Districtwide sole source AV software platform.	BOT 2/18/15		Utology software platform for control and management of audio visual systems and video conferencing/telepresence systems applied Districtwide for smart classrooms, conference and Board rooms, assembly spaces, or any Campus facility where audio visual and/or video conferencing needs are required. Utology software platform as a District sole source product allows the District to improve its standards for functionality, ensure compatability with existing systems, increase consistency in use and operation, consolidation of AV and ZIT resources and ease of technology services and support where AV systems are deployed.
5	SCCD Facilities	2/4/2015	Mechanical Equipment	157	23 75 00	Acceptable Air Handling Unit Manufacturers	BOT 2/18/15		Add GOVERNPAIR to the list of District Approved Manufacturers for Custom Units.
6	SCCD Facilities Dept.	12/22/2014	Roofing	N/A	N/A	Roofing	BOT 2/18/15		Current District Standards are silent with regard to roofing systems. The District wishes to introduce Thermoplastic Polyolefin (TPO) roofing as a District standard for new projects. TPO is the same roofing used on Building 600 Renovation.
7	SCCD IT	8/22/2014	Telecomm	272	27 00 00	Telecom Standards: cabling & cable routing	BOT 2/18/15		District Standards to be amended to include requirements for the addition of conduit, junction boxes, and backing plates for future "Virtual Classroom" spaces, as directed by the District. Specific layout of pathway and junction boxes to be on a case by case basis as directed by Campus IT Dept.
8	SCCD IT	8/22/2014	Audio Visual	275	27 00 00	Audio Visual Standards: Future "Virtual Classroom" spaces	BOT 2/18/15		District Standards to be amended to include requirements for the addition of conduit, junction boxes, and backing plates for future "Virtual Classroom" spaces, with standard room guidelines for location of junction boxes and backing plates. Specific layout of pathways and junction boxes to be on a case by case basis as directed by Campus IT Dept.
9	SCCD IT	8/22/2014	Telecomm	271 item (j)	27 00 00	Telecomm Standards: Access to IDF/MDF Rooms	BOT 2/18/15		District Standards to be amended to require Key-Card access to all IDF/MDF rooms.
10	SCCD Facilities	2/17/2016	Landscape Standards: Pedestrian Asphalt Paving	23		Add requirement for pedestrian asphalt paving to be able to support light vehicular traffic.	BOT 3/16/16		District Standards to be amended to add "Paving and base section to be designed to allow for light vehicular traffic where path/road is wider than six feet" bullet point to Associated Design Standards and Construction Specifications.

11	SCCD Facilities & Campus Police	2/17/2016	Landscape Standards: Planting	28		Add requirement that landscape design to be coordinated with site lighting design and security camera locations to maximize visibility of people to enhance security.	BOT 3/16/16		District Standards, Design Standard for Planting, to be amended to add the following bullet point: "Landscape design for location of trees and bushes to be coordinated with site lighting and security camera locations to maximize visibility of pathways and people to enhance safety and security."
12	SCCD Facilities	2/17/2016	Landscape Standards: Trash and Recycling Receptacles	38		Require that outdoor receptacles for recyclables be blue in color.	BOT 3/16/16		District Standards, Design Standard for Trash and Recycling Receptacles, Approved Manufacturers, under both bullet points, second sub-bullet point to be amended to read: "Color: powder coat Stormcloud for trash receptacles; powder coat Bluebell for recycling receptacles".
13	SCCD Facilities	2/17/2016	Architectural Standards: Casework	43		Add requirement for anti-slamming drawer slides.	BOT 3/16/16		District Standards to be amended to add "anti-slamming" to Casework Design Guidelines for Drawer Slides.
14	SCCD Facilities	2/17/2016	Architectural Standards: Custodial Spaces	44/45		Revise name for main storage room, add more specifications for this room, and add kickplates at doors.	BOT 3/16/16		District Standards to be amended to revise "Custodial Main Storage Room" where it occurs in the text to be "Facilities Main Storage Room". Add the following bullet point under B: "The Facilities Main Storage Room should not include boilers, water heaters, electrical panels, similar mechanical or electrical equipment, or roof access." Under C Custodial Doors, second bullet point, replace second sentence with the following "Doors to Custodial and Facilities Storage Room spaces to swing outward. If this cannot be accomplished, the size of the room shall be increased by ten square feet. Under C Custodial Doors, fourth bullet point sentence to be revised to read "Doors should have a vent and a Stainless Steel armor plat and kick plate on push side of door." Also under C, revise Door Signage last bullet to read "...Custodial and Facilities Storage Room spaces on the wall side..." Under D, Custodial Floor Finish, eliminate first bullet re: ceramic tile; revise the next bullet to read: "Flooring in custodial closets and facilities main storage room to be smooth concrete with clear coating. Product: Rust-Oleum's Easyclear Epoxy Maintenance Floor Coating. No substitutions allowed." Under E. Custodial Wall Finish, replace second bullet with "Rest of the walls: Provide FRP (fiberglass reinforced panel) to a height of four feet above finish floor on all walls. Provide semi-gloss, water based epoxy paint at gypboard above FRP, color: District Standard Navajo White."
15	SCCD Facilities	2/17/2016	Architectural Standards: Door Hardware	46/48		Establish Stanley Access Technologies <i>Magic Access (Low Energy)</i> as District Standard for entry door automatic door operator, with no substitutions allowed.	BOT 3/16/16		District Standards for Door Hardware, Exterior Door Hardware, 2, last bullet to be revised to read "Product: Stanley Access Technologies <i>Magic Access (Low Energy)</i> . No substitutions allowed."
16	SCCD Facilities	2/17/2016	Architectural Standards: Door Hardware	47/48		Ensure substrate for exterior door frames is appropriate for structural support.	BOT 3/16/16		District Standards for Door Hardware, Exterior Door Hardware, 5, second bullet point, second sub-bullet point to be revised to read "Identify appropriate substrate for application; ensure substrate provides for structural integrity for support of door frame & door."
17	SCCD Facilities	2/17/2016	Architectural Standards: Door Hardware	47/48		Add requirements for door lock keying.	BOT 3/16/16		District Standards for Door Hardware, C. Locks, 1, bullet point Keys, second sub-bullet point to be revised to read: "All new keys will be given to College's Locksmith in the form of blanks. No exceptions." Bullet point Implementation, first sub-bullet point, revise "Chief Engineer" to read "Locksmith".
18	SCCD Facilities	2/17/2016	Architectural Standards: Door Hardware	47		Require 3 hinges in casework doors taller than 60 inches.	BOT 3/16/16		District Standards for Door Hardware, D. Other Hardware, 1, fifth bullet point to be revised to delete the words "(except 2 hinges at doors in units)".

19	SCCD Facilities	2/17/2016	Architectural Standards: Door Hardware	49		Establish Stanley Door Closers as District Standard, with no substitutions allowed.	BOT 3/16/16		District Standards for Door Hardware, Other Hardware, 3. Surface Closers, first bullet point to be revised to delete the word "preferred". Fourth bullet point to be revised to read " Product: <i>Stanley Door Closers D-4550/D-4551 Series</i> selected as appropriate for specific application. No substitutions allowed."
20	SCCD Facilities	2/17/2016	Architectural Standards: Door Hardware	49/50		Disallow adhesive type door seals.	BOT 3/16/16		District Standards for Door Hardware, Other Hardware, 8 to be revised to read "Seals shall be adjustable screw type with silicone underneath, no adhesive types allowed. <i>Pemko, National Guard Products</i> , or equivalent."
21	SCCD Facilities	2/17/2016	Architectural Standards: Doors and Door Frames	61/63		Establish Stanley Access Technologies <i>Magic Dura-Glide 2000/3000</i> as District Standard for exterior entry automatic sliding doors, with no substitutions allowed.	BOT 3/16/16		District Standards for Doors and Door Frames, Exterior Doors and Frames, 1, last bullet point to be revised to read " Product: <i>Stanley Access technologies Dura-Glide 2000/3000</i> . No substitutions allowed."
22		2/17/2016	Architectural Standards: Exterior Paint	69/71		Disallow substitutions on exterior paint.	BOT 3/16/16		District Standards, Design Standard for Exterior Paint, Substitutes Allowed, revise to read "No substitutions allowed."
23	SCCD Facilities	2/17/2016	Architectural Standards: Flooring	73/76		Revise flooring recommendations by room type.	BOT 3/16/16		District Standards, Design Standard for Flooring, Design Standard, 1. Flooring Recommendations by Room Type, make the following revisions in this table: Revise Option 1 header to read "1st Choice", Option 2 to read "2nd Choice", and Option 3 to read "3rd Choice". Lobbies/Entries, 1st Choice to be "Stained Concrete with transparent sealer appropriate for use", 2nd Choice to be "Carpet with built-in walk off mat", no 3rd Choice. Door Entrance Area, 1st Choice to read "Built-in Walk-off Mat. Do <b>not</b> specify Aluminum Grate Walkway.", no 2nd or 3rd choices. Public Hallways/Corridors, 1st Choice to read "Stained Concrete with transparent sealer appropriate for use", 2nd Choice to read "Carpet", 3rd Choice to read "Linoleum". Class rooms no changes to chart. Laboratories/Kitchen Areas, 1st Choice to read "Stained Concrete sealed with transparent sealer specific to Laboratory use. No exceptions, no 2nd or 3rd choices. Offices and Office Areas no changes to chart. Restrooms no changes to chart. Study Areas, Lounges etc., 1st Choice to read "Carpet with Linoleum at areas with sinks", no 2nd or 3rd choices. Service Areas and Service Hallways, 1st Choice to read "Concrete with transparent sealer specific to use. No exception except where required by code". Custodial Spaces, 1st Choice to read "Concrete with transparent sealer specific to maintenance use. No exceptions.", no 2nd or 3rd Choices.
24	SCCD Facilities	2/17/2016	Architectural Standards: Flooring	74/76		Delete flooring specifics for terrazzo and stone tile.	BOT 3/16/16		District Standards, Design Standard for Flooring, 2. Flooring Specifics, B to be revised to read "Not Used". Delete text in this section.
25	SCCD Facilities	2/17/2016	Architectural Standards: Flooring	76		Add language to indicate rolled carpet goods not preferred. (Carpet squares preferred).	BOT 3/16/16		District Standards, Design Standard for Flooring, 2. Flooring Specifics, E. Carpet, first bullet point Rolled Goods: 6' or 12' wide, add: "Not preferred; avoid if possible." Add bullet point "Non-directional pattern preferred."
26	SCCD Facilities	2/17/2016	Architectural Standards: Flooring	76		Revise carpet backing standard, as Powerbond ER3 is no longer allowed in California as a result of Proposition 65.	BOT 3/16/16		District Standards, Design Standard for Flooring, 2. Flooring Specifics, E. Carpet, third bullet point to read "Backing: Flex-Aire Cushion Modular."
27	SCCD Facilities	2/17/2016	Architectural Standards: Flooring	74/77		Revise ceramic tile flooring specifics to coordinate with revisions made in other sections.	BOT 3/16/16		District Standards, Design Standard for Flooring, 2. Flooring Specifics, G. Ceramic Tile, first bullet point to be revised to read "Provide ceramic mosaic tile in minimum 6" x 6" size for restrooms."
28	SCCD Facilities	2/17/2016	Architectural Standard:	77/79		Disallow substitutions on Interior paint and whiteboard paint.	BOT 3/16/16		District Standards, Design Standard for Interior Paint, Substitutes Allowed, to be revised to read "No substitutions allowed."
29	SCCD Facilities	2/17/2016	Architectural Standard:	78/80		Revise minimum ceramic tile size.	BOT 3/16/16		District Standards, Design Standards for Restrooms, C. Restroom Finishes, 2 Restroom Floors, a) to be revised to read "Provide ceramic mosaic tile in minimum 6" x 6" size."

30	SCCD Facilities	2/17/2016	Architectural Standards: Door Hardware	79/81		Establish Bobrick, as District Standard for hinges on toilet partition doors, with no substitutions allowed.	BOT 3/16/16		District Standards for Restrooms, D. Toilet Compartments and Urinal Screens, 2, k) Hardware, last bullet point, sub bullet point Hinges: add "Product: Bobrick commercial grade, self-closing, slow-closing. No substitutions."
31	SCCD Facilities	2/17/2016	Architectural Standards: Vending spaces	81/84		Add provisions for security line of sight into vending machine rooms or alcoves.	BOT 3/16/16		District Standards for Vending Spaces, third bullet. Add "Provide glazing into the vending machine area from adjacent traffic area, if and as needed to enhance security."
32	SCCD Facilities	2/17/2016	Architectural Standards: Vending spaces	81/84		Add requirements for flooring condition under vending machines.	BOT 3/16/16		District Standards for Vending Spaces, fifth bullet, to be revised to add sub-bullet: "Flooring under vending machines to be sealed concrete if possible. In no case shall it be carpet."
33	SCCD Facilities	2/17/2016	Architectural Standards: Wall and Corner Protection	81/84		Revise requirement for corner guards.	BOT 3/16/16		District Standards for Wall and Corner Protection, Corner Protection, revise bullet three to replace "4' high" with "5' high."
34	SCCD Facilities	2/17/2016	Plumbing Standards: Design Standard for Common Motor Requirements for HVAC	91/94		Add requirement for anti-vibration isolation in installation of motors, to minimize vibration for ceiling mounted projectors.	BOT 3/16/16		Design Standard for Common Motor Requirements for HVAC Equipment, Design Standard, to be revised to add bullet point: "Motor mounting to provide for anti-vibration isolation in order to minimize vibration for ceiling mounted projectors."
35	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for General Duty Valves for HVAC	125/128		Disallow substitutions on control valves and balancing valves.	BOT 3/16/16		Design Standard for General Duty Valves for HVAC, Substitutes Allowed, to be revised to add "No substitutions allowed on control valves and balancing valves."
36	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Variable Frequency Drives	133/136		Disallow substitutions from manufacturers listed.	BOT 3/16/16		Design Standard for Variable Frequency Drives, Substitutes Allowed, to be revised to read "No substitutions allowed."
37	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Facility Natural Gas Systems	133/137		Add requirement to install individual sub-meter to supply line feeding each building.	BOT 3/16/16		Design Standard for Facility Natural Gas Systems, Design Standard, add last bullet point to read "Provide sub-meter at each building as new buildings are constructed and at existing buildings (if does not already exist) when the building is substantially renovated. The purpose is to facilitate District monitoring of gas usage per building."
38	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Facility Natural Gas Systems	133/137		Disallow substitutions from manufacturers listed.	BOT 3/16/16		Design Standard for Facility Natural Gas Systems, Substitutes Allowed, to be revised to read "No substitutions allowed."
39	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Heating Water Systems	140-141/ 143-144		Revise manufacturers listed and disallow substitutions.	BOT 3/16/16		Design Standard for Heating Water Systems, Approved Manufacturers, Hot water heating coils to be revised to list "Trane" only; Horizontal hydronic unit heaters to be revised to list "Trane" only, Cabinet Heaters to be revised to list "Trane" and "Carrier", Hot water Convectors to be revised to list "Trane" only, Finned Tube Radiator to be revised to list "Trane" only, and Heat Exchangers to be revised to list "Bell & Gossett" and "Taco". Substitutes Allowed to be revised to read "No substitutions allowed."
40	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Chilled Water Systems	142-143/ 145-146		Revise manufacturers listed and disallow substitutions.	BOT 3/16/16		Design Standard for Chilled Water Systems, Approved Manufacturers, Air-Cooled Chiller to be revised to list "Trane", "Carrier" and "York", Evap-Cooled Chiller to be revised to list "Governair" only, Water-Cooled Chiller to be revised to read "Trane", "Carrier" and "York", Induced Draft Counterflow Cooling Tower to be revised to list "BAC" only, Ice Storage Systems to be revised to list "BAC" only, and Heat Exchangers to be revised to read "Bell & Gossett" and "Taco". Substitutes Allowed to be revised to read "No substitutions allowed."
41	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Hydronic Pumps	144/147		Disallow substitutions from manufacturers listed.	BOT 3/16/16		Design Standard for Hydronic Pumps, Substitutes Allowed, to be revised to read "No substitutions allowed."

42	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Ductwork Accessories	148/149		Revise filter manufacturers allowed and disallow substitutions on filters.	BOT 3/16/16		Design Standard for Ductwork Accessories, Approved Manufacturers, Filters to be revised to list "American Air Filter" only. Substitutes Allowed to be revised to add "No substitutions allowed on Filters".
43	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Air Terminal Units	151/154		Disallow substitutions from manufacturers listed.	BOT 3/16/16		Design Standard for Air Terminal Units, Substitutes Allowed, to be revised to read "No substitutions allowed."
44	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Heating Boilers and Accessories	153/156		Disallow substitutions from manufacturers listed.	BOT 3/16/16		Design Standard for Heating Boilers and Accessories, Substitutes Allowed, to be revised to read "No substitutions allowed."
45	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Refrigeration	154/157		Disallow substitutions from manufacturers listed.	BOT 3/16/16		Design Standard for Refrigeration, Substitutes Allowed, to be revised to read "No substitutions allowed."
46	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Packaged Air Conditioning Units	155/158		Disallow substitutions from manufacturers listed.	BOT 3/16/16		Design Standard for Packaged Air Conditioning Units, Substitutes Allowed, to be revised to read "No substitutions allowed."
47	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Air Handling Units	157/160		Disallow substitutions from manufacturers listed.	BOT 3/16/16		Design Standard for Air Handling Units, Substitutes Allowed, to be revised to read "No substitutions allowed."
48	SCCD Facilities	2/17/2016	Mechanical Standards: Design Standard for Hydronic Floor Heating and Cooling System	159/162		Disallow substitutions from manufacturers listed.	BOT 3/16/16		Design Standard for Hydronic Floor Heating and Cooling System, Substitutes Allowed, to be revised to read "No substitutions allowed."
49	SCCD Facilities	2/17/2016	Electrical Standards: Boxes	173/176		Add that electrical outlet floor boxes are to be avoided.	BOT 3/16/16		Electrical Standards, Design Standards for Boxes, last section, to be revised to start section with "In general, avoid use of floor boxes." Then modify existing sentence to read "If floor boxes and poke-thrus must be used, meet the following requirements...."
50	SCCD Facilities	2/17/2016	Electrical Standards: Occupancy Sensors Standards	182		Modify language in parking lot lighting controls.	BOT 3/16/16		Electrical Standards, Design Standard for Occupancy Sensors Standards, Design Standard, last bullet Parking lot lighting controlled by occupancy sensor, to be revised to delete "HID bi-level".
51	SCCD Facilities	2/17/2016	Electrical Standards: Design Standard for Switchboards and Distribution Panelboards	187		Revise approved manufacturers.	BOT 3/16/16		Electrical Standards, Design Standard for Switchboards and Distribution Panelboards, Approved Manufacturers, add "Eaton".
52	SCCD Facilities	2/17/2016	Electrical Standards: Design Standard for Lighting	196-201		Replace language with new language reflecting use of energy efficient LEDs and new code requirements.	BOT 3/16/16		Electrical Standards, Design Standard for Lighting, replace entire section with text attached. Also delete Design Standard for Site Lighting, pages 21 and 22, as this information is now included in the new Design Standard for Lighting section. On page 21 under Design Standard for Site Lighting title, add "Refer to Electrical Standards 26 50 00 Lighting."
53	SCCD Facilities	2/17/2016	Civil Site Standard Details: Drawing 240	211/214		Add requirement for security fasteners in storm catch basin manhole covers.	BOT 3/16/16		District Standards Drawing 240 Catch Basin Type 2 Notes, to be revised to add another note: "10: Provide for security fasteners for manhole cover."
54	SCCD Facilities	2/17/2016	Design Standard: Electronic Access Control System (EACS)	281/284		Add requirement for keypad at each controlled door in addition to card reader.	BOT 3/16/16		District Standards, Design Standards for Electronic Access Control System (EACS), System Criteria, 2 to be revised to read "System will primarily consist of card readers, keypads, electrified....".
55	Campus Police	2/17/2016	Security Standards: Video Management System	283/286	28 00 00	Add Child Care Center to list of locations where video surveillance cameras to be installed.	BOT 3/16/16		Design Standard - Video Management System (VMS), Camera Application Criteria, to be revised to add: "10. Child Care Center."

56	SCCD Facilities & Campus Police	2/17/2016	Security Standards, Electronic Safety and Security Standards	285/288		Clarify that no substitutions are allowed.	BOT 3/16/16		Design Standard - Crime Prevention through Environmental Design (CPTED), Substitutes Allowed, to be revised to read "No substitutions allowed."
57	SCCD Facilities	2/17/2016	Addendum A: Electronic Access Control System Standard	286/289		Clarify that standard will apply to any future SCC campuses.	BOT 3/16/16		Addendum A, Electronic Access Control System Standard, last paragraph, to be revised to add " Any future SCC campuses or properties."
58	SCCD Facilities	2/17/2016	Addendum 'A' Electronic Access Control System Standard	289		Add requirement for keypad at each controlled door in addition to card reader.	BOT 3/16/16		District Standards, Electronic Safety and Security Standards, Addendum 'A', add the following to the end of the fifth paragraph "System shall support both cardreaders and keypad located at each controlled door."