



Design Standard Miscellaneous Specialties

Purpose

The learning and working environments at the South San Francisco Unified School District are enhanced by the inclusion of miscellaneous specialty items, which are delineated in this design standard.

Design Standard

Pencil Sharpeners

- Manually operated, wall-mounted pencil sharpeners are required in classrooms.
 - Specify mounting near the classroom door, so that it will end up being near the trash receptacle for ease of emptying. If the classroom has multiple doors, specify the door closest to the teaching station.
 - Ensure that the mounting height specified is compliant with ADA requirements.
 - Specify right-handed mounting.
 - SSFUSD's preferred model is: Boston/X-Acto KS Series Manual Pencil Sharpener.

Door Hooks on Offices

- Office doors should be specified to have coat hook(s) as follows.
 - The coat hook shall be installed at 66" AFF, centered on the office side of the door.
 - SSFUSD's preferred model is: Ives 571 coat hook in polished aluminum finish.

Visual Display Surfaces

- Porcelain enamel marker boards with 24 gauge (0.0209-inch, uncoated thickness) face sheets with porcelain-enamel coating fused to steel face finish, 3/8-inch particleboard cores, and .015-inch aluminum backing sheets.
- Provide display rails, marker trays, map hooks, and flag holders.
- Provide 1/4-inch thick fabric covered natural cork-surfaced tackboards with 3/8-inch thick fiberboard backing.
- Provide lines per individual school requests.



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Fire Extinguisher Cabinets

- Steel cabinet with continuous hinge and cylinder lock with flexible cam, recommended model 1015W10 with red finish. - Manufacturer: J.L. Industries, Ambassador Series; <http://www.jlindustries.com/products/cabinets/ambassad.htm>.
- Size to hold a 10 lb. ABC (minimum).
- Fire extinguishers located inside classrooms (low to moderate hazard) are to be manufactured by Badger Model No. B5M (UL Rating of 3A-40B:C).
- Fire extinguishers located inside corridors and hallways are to be manufactured by Badger Model No. B10M (UL Rating of 3A-80B:C).

Corridor Lockers

- All welded construction with 17-gage (.0528-inch) thick sides, backs, tops, and bottoms with 15- gage (.0677-inch) thick, steel door panels. Lockers should be new, not refurbished.
- Continuous door strikes. Attachment between door and hinge and between hinge and door frame to be bolted for ease of door replacement.
- Stiffeners mounted on the inside face of the single and double tier doors for sound reduction.
- Nylon-covered latching mechanisms.
- Single-point lock to eliminate springs and latches (needs double-walled door).
- Enamel baked finish or electrostatic powder coating.
- Ventilate lockers.
- Provide the required number of accessible lockers with special needs latches and accessible locking mechanisms.
 - Show accessible lockers on floor plans and interior elevations.
 - Book shelf and coat hook shall be mounted no higher than 48" above the finish floor.
 - One additional shelf shall be mounted near the bottom of the locker but no lower than 9" above the finish floor.
 - Where appropriate, two-tier locker arrangements allow the lower locker to be used as the accessible locker.



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- Handles shall have a handle that is easy to grasp with one hand and does not require tight grasping, pinching, or twisting of the wrist to operate.
- Locker doors shall require no more than 5 lbs. of force to operate.
- Lock shall be ADA compliant, Masterlock 1600 Series. Coordinate the number of keys required with District Facilities.

Louvers and Vents

- Locate air intake louvers at least ten (10) feet above the ground; do not locate intake louvers near large concentrations of vehicle exhaust (i.e. next to freeways, idling vehicles, and loading docks), or facing southwest.
- Provide formed copper, formed stainless steel or extruded aluminum louver blades, with high performance, fluoropolymer-based organic coatings, suitable for a high salt atmosphere.
- Provide storm resistant, drainable-blade louvers at air intake locations. Comply with the performance requirements established by the Air Movement and Control Association International Inc. (AMCA), Publication 3: AMCA Certified Ratings. Arlington Heights, IL: AMCA, 2000; www.amca.org.
- Provide storm resistant bird screens.
- Use insect screens with caution and only if other means of insect exclusion, such as filters in air handling equipment, are absent; the small openings between the wires become easily clogged, causing the screens to become damaged and optimum airflow to be obstructed.

Impact-Resistant Wall Protection

- Corner guards: Flush-mounted (fire rated where required) stainless steel or semi-rigid, impact resistant sheet PVC plastic, 0.028 and 0.040-inch thick, medium duty or better.

Substitutes Allowed?

- Yes, if performance and quality equivalency can be evidenced.

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