

SAFETY – Design or specify the following:

All safety and security design and construction should be in strict accordance with SREF. The intent of the following is to outline special points of concern but is not intended to replace SREF requirements.

Elevator controls and door knobs to hazardous areas will be provided with touch identification for the visually-impaired. The elevator should not have controls that will allow a student to lock themselves in the elevator.

Provision for an adequate Fire alarm System, (or extension of existing system) meeting the SREF and other state or national codes, will be included.

New fire alarm system will have expansion capabilities as new buildings are added or as new requirements may dictate.

Provide a visual flashing light for the hearing-impaired for all alarm locations.

The use of small panes of break-resistant materials will be used in lieu of large panes of plate glass. Fire extinguishers, as required by code. (Dry chemical type, total filled weight 9-3/4 pounds). Fire hydrants located within specified distances of the school complex. (Confirm with the local Fire Marshall Office.)

Doorstops and/or holders will be wall mounted. Doors will be located as to not impact the exit or exit access.

Master gas, electricity, air, and water shut-offs that are easily accessible to the teacher in all Labs. (The shut-off valve will have a handle which is easily manipulated. A lockable cabinet is not acceptable.) master emergency electrical and gas cutoff in all Carpenter Lab, Automotive Labs, Refrigeration Labs, and other Laboratory areas, as required by SREF and other state codes. Vent and exhaust all spaces where chemicals are stored and/or used. Vent and exhaust Art Room kiln areas. Chemical hoods must be vented and exhausted.

Build in permanent ladders at all roof access hatches. Exterior roof access ladders will be provided with guards to prevent unauthorized use and located as not to obstruct building façade. Explosion-proof electrical outlets and fixtures should be used in all flammable storage and chemical Storage Areas, as well as in all Paint Spray Areas. Provide ventilation (if specified) as required by SREF and all State and local code. All Flammable Storage Rooms must open on the outside of the building and will be in accordance to SREF.

SECURITY

Security must also be considered as a design criteria for all areas with the building. The architectural design will be such as to eliminate natural ladders to the roof, blind corners, or pockets where security would be difficult to maintain. A complete operational security system will be designed for the facility. All security system wiring will be in a conduit. Four-pair wire should be run in a conduit to all Classrooms, media Centers, Computer Labs, etc. Contact points will be provided on every exterior door and doors to the Computer Labs, Administrative Offices, Food Service Areas, Exterior Storage, and AV Storage Rooms. Motion detectors should be provided in corridors and in critical areas.

NOTE: A secure perimeter fencing design (approved by DCPS Security) including appropriate gates and hardware and incorporating the front of the building as part of the perimeter (not fencing across the front) is required.

END OF SECTION SAF