

GENERAL:

Preferred General Requirements:

Steel windows should only be used in special applications where the characteristics of the product provide performance characteristics superior to other materials. Window functions shall be single hung or casement type windows as allowed by code. No AWNING, in-swinging or out-swinging functions allowed. Steel windows shall be glazed in accordance with the requirements of the glass and glazing section of these guidelines. Finish systems for steel windows shall be of a material with long-lasting corrosion protection. Fire rated windows shall be labeled.

Specify Required Installation:

All exterior windows glazing stops shall be located on the interior of buildings. Steel windows must have steel or brake metal sill pans with corner dams (all materials must be compatible to avoid corrosion). Exterior window installation shall be recessed within exterior wall construction. Flashing shall be emphasized in all details, especially window sill/stool, head and jambs.

Consideration should be given to the provision of operable windows as a means of ventilation in the event air-conditioning equipment is not in operation. Consideration should also be given to the use of double panes (thermopane) with outer shield of solar glass especially if windows area exceeds 3 % of wall area. Glass should be installed so it can be cleaned from the inside of the building.

Consideration shall be given to all metal windows having dual pane glass and thermal break-insulation filled frames.

All Classroom windows shall be equipped with audiovisual blinds or acceptable window coverings.

Guardrails will be necessary at full height glass panels in accordance with applicable codes, and SREF.

END OF SECTION 08510