

SPACE TYPES & REQUIREMENTS



Site Circulation

School Type:



Functional Area Descriptions

The exterior area of the school provides access, parking, recreation, and service areas. Insure a safe, functional, and aesthetically pleasing site. It must provide ADA accessibility and comply with all Anti-Terrorism / Force Protection (AT/FP) standards.

1 Site Layout

Siting a school complex poses unique safety considerations. Planners and designers should avoid creating blind spots. Multipurpose driveways and walkways should be sited to avoid conflicts between pedestrian and vehicular traffic.

2 Access and Circulation

Consider the hierarchy of entries and use the site to reinforce the function of each. Include access control considerations. Provide a clear path around the building for security and surveillance.

Provide separate entrances and exits for the bus loading area and the Privately Owned Vehicle (POV) parking areas, if possible. Separate POV parking areas and bus drop-off locations. Locate bus loading/unloading zones away from general parking areas and the associated traffic flow.

Planning Requirements

Area Description	Spaces	Notes
3 Staff Parking	2 spaces per learning studio	
3 Visitor Parking	10% of student enrollment	
3 Student Parking	20% of enrollment grades 11-12	

Plan the bus circulation and drop-off area so that busses never need to backup. Where possible, plan a one-way loop near the building entrance. Provide bus zones with a large waiting area to handle students at dismissal.

Provide sidewalks for all areas where students approach or exit the school. Paths from playgrounds and fields to building entries should avoid crossing vehicular traffic.

Accommodation of chiller enclosures, transformers, dumpsters, service entries should be arranged and consolidated where possible, to minimize vehicular traffic on site. Locate the service areas to avoid views from major approaches.

3 Parking

Local regulations usually determine parking requirements in most jurisdictions (including military). Military Planning guidelines (e.g. Mil Hdbk 1190) may indicate different standards. Parking allocation standards for POV parking should be coordinated with military installation planners during program/project development. Consider sustainability when sizing parking capacity.

Refer to the Planning Requirements table for parking space allocation.

Divide parking areas by use: visitor, handicap accessible, staff, and student. Conveniently locate the visitor parking and accessible parking near the front entrance of the school. Place the staff parking so that it does not visually dominate the building and open

spaces. Provide parking islands as required by code and installation guidelines.

If the site is constrained, coordinate with installation officials regarding the joint use of adjacent parking areas for staff members and recreational sites for school activities.

4 Recreation

Refer to the outdoor learning, outdoor play and athletic field sections.

5 Service Area

This is an area used for deliveries, trash removal, and other essential services required to support the operations of the school. Locate just outside the support area of the building and visually screen from the predominant areas of the site. Provide physical enclosures for trash receptacles. If a dock is provided, verify the height of vehicles making deliveries. Provide for a local recycling program.

6 Planting

All planting requirements should be adapted to local climate. In general, provide native plant materials. Shade trees are desirable when parking islands are provided. Avoid low branching trees to maintain clear sight lines. Use a mix of evergreen and deciduous plant material to shade parking areas and service areas (i.e. refuse areas, loading docks, HVAC units) from adjacent uses. Consider sight lines near entrances when choosing and placing plant material.

Select non-poisonous, thornless trees, shrubs, plants, and ground covers that can withstand harsher conditions, such as sun, glare, heat, and reduced water supply. Choose trees and shrubs that require minimum maintenance and will not litter the parking area with leaves, fruits, and nuts. Provide enough clearance in planting islands to accommodate for vehicle overhang. All plantings shall comply with AT/FP standards.