

## **GENERAL CONSTRUCTION PRINCIPLES**

### Goals

1. Maximum use of resources for our community.
2. Durability.
3. Functionality.
4. Operational efficiency with standardized electronics, alarm, and HVAC controls.
5. Blends into and responds to its site and environment.
6. An open and inviting place for students, staff, and public.
7. Public areas accessible and inviting to community, yet also able to be independently secured from remainder of building.
8. Student and non-student entrances that promote traffic flow.
9. Easily supervised common areas that help students meet social needs and maximize student and staff safety.
10. Safety incorporated to reduce entries, secure campuses, maximize emergency exits, and remove visual barriers around buildings.

### Capacity and Occupancy

1. Schools will be constructed for future expansion to serve additional students.
2. Schools will have the ability to be configured for a broad age of students.
3. Instructional spaces will have the ability to be configured for multiple uses and promote collaboration between teachers.
4. Schools will provide for extensive community use outside of the school day.

### General Structure & Maintenance Repairs

1. Design exterior entries to maximize the visibility of main entrances and improve safety and security where possible. Use Grant Elementary main entry as an example.
2. Masonry, concrete, and tile surfaces both inside and outside to maximize durability, eliminate painted surfaces, and withstand graffiti removal activities.

3. Hard surface flooring to minimize allergens. Limit carpet to offices, library, and classrooms. Use hard surfaces near sinks and other high traffic classroom areas.
4. Consider use of multiple levels to maximize use of District property.
5. Standardize paint and color schemes for reduced maintenance costs. Colors shall be those used at Eastmont High School and Clovis Point Intermediate.
6. Use common lighting fixtures and maximize use of natural lighting.
7. Maximize use of natural heating and cooling opportunities.
8. Energy and water systems adaptable for wastewater recycling and the future use of solar energy.
9. Landscape designs with maximum grass and ease of maintenance and greater visibility surrounding schools.
10. Remove opportunities for climbing buildings or gaining roof access.
11. Minimize nooks and corners to reduce construction, increase supervision visibility, and decrease maintenance time.
12. Allow easy access for maintenance of mechanical systems.
13. Specify HVAC and other components that are easily obtainable when replacement is needed.
14. Ensure infrastructure allows expansion of future technology.
15. Construct playgrounds that meet the needs of the population, provide ADA access, comply with IPEMA safety requirements, and provide equity in offerings for similar grade and size schools.
16. Buildings shall not have the name, or a mascot, built into the permanent structure of the building.