

I. Planning and Site Selection

Related Elements of Charge:

1. Review and make recommendations on the proposed critical construction project list.
2. Consider financing options
3. Consider alternative school schedules such as year round and double shifts
4. Consider siting and construction guidelines
5. Consider multiple schools on single site – share facilities
6. Consider what community uses of school facilities after school hours are appropriate.
7. Consider multi-story schools to reduce building footprint (Land Costs) and roof replacement costs

Related Issues Raised in Meetings:

1. Use real estate brokers to purchase land
2. Land banking – saves money and influences development patterns
3. Integration of schools and subdivisions – earlier planning can ensure safe pedestrian access and reduce traffic congestion
4. Use of multistory schools to reduce land requirements
5. Siting schools in rural areas and extending utilities to them encourages new development and should be avoided

II. Program and Design

Related Elements of Charge

1. Consider shared use of major athletic facilities
2. Consider cloned schools to reduce design fees

3. Consider multi-story schools to reduce building footprint (Land Costs) and roof replacement costs.
4. Consider more energy efficient designs and green construction methods and products

Related Issues Raised in Meetings:

1. Environmentally sensitive areas on school sites should be protected and used for teaching purposes
2. Use high efficiency HVAC systems
3. Use of multistory schools to reduce maintenance costs
4. Reduce power consumption by using natural light and high efficiency lighting fixtures/bulbs
5. Perform life cycle cost analysis of building components to determine most cost effective products over the life of buildings.
6. Explore green construction techniques; consider LEED certification
7. Standardize front end specifications.
8. Standardize technical specifications sections (types of constructions and selection of products based on life cycle cost analysis).

III. Contracting and Construction

Related Elements of Charge

None

Related Issues Raised in Meetings:

1. Consider hiring additional construction managers