Palm Crest Elementary

Modular Construction Considerations For New Classroom Building Addition

April 16, 2019

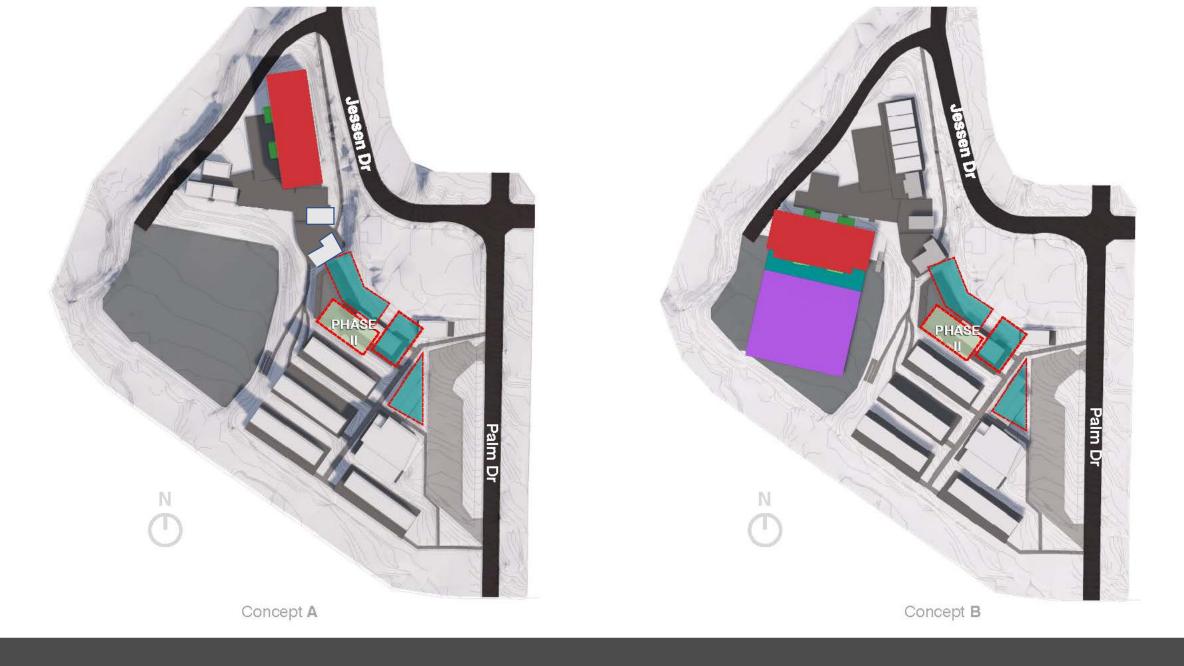
Modular Construction Considerations

Advantages

- Reduce the overall cost of the project
- Reduce the construction time

Disadvantages

- Limitations on siting
- Custom design brings costs closer to a site built building
- More complex acquisition





AMS Modular

W.S. Hart High School W.S. Hart High School District

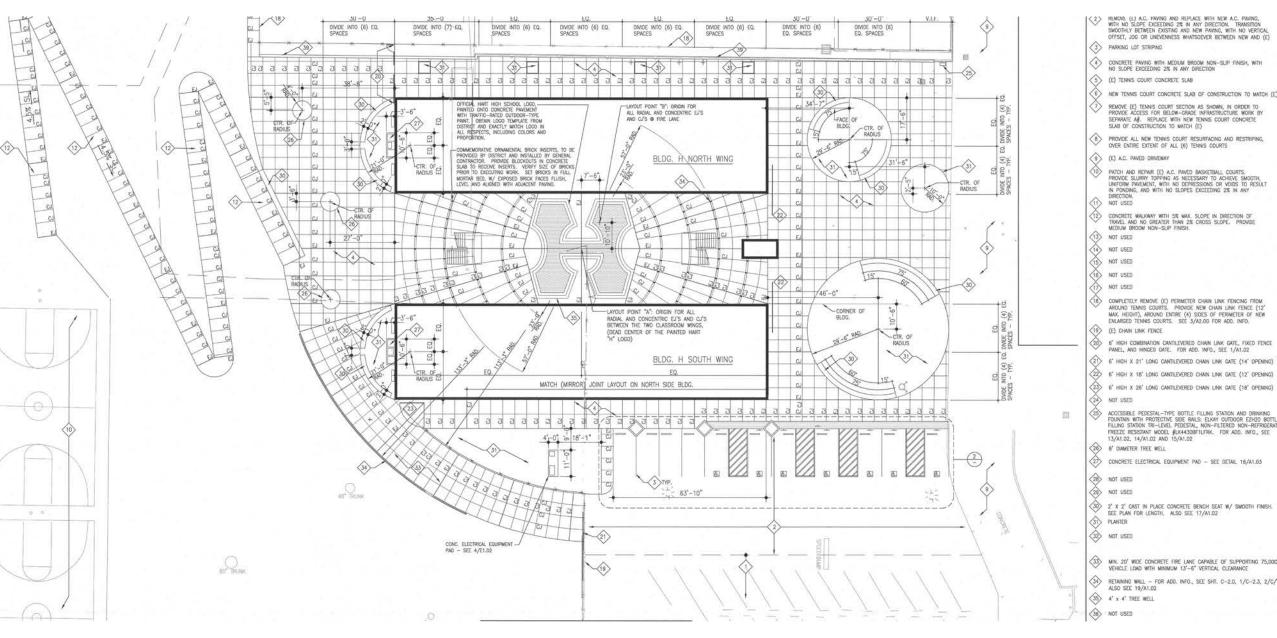
Classroom Building -20 standard classrooms and restrooms 24,000 SF

Original Estimate (Site Built): \$21 M

Total Current Cost (Modular): \$15 M

Modular Building Cost: \$9M

Building Cost \$375/Sq. Ft



Various Modular Classroom Building Solutions in California



Meehleis Modular Buildings

Ralston Middle School Belmont – Redwood Shores School District

Two Story Classroom Wings and Restrooms 9,074 SF



Meehleis Modular Buildings

Lawson Middle School Cupertino Union School District

Two-Story Classrooms & Music Building 27,388 SF



Meehleis Modular Buildings

Nesbit Elementary School Belmont – Redwood Shores School District

Two Story Classroom Building 12,692 SF



JL Modular

Parkside Middle School San Bruno Park School District

Two-story Classroom Building 28,000 SF



JL Modular

San Benito High School
San Benito High School District

Visual & Performing Arts Building six standard classrooms, three studio art rooms, dance studio, ceramics studio with outside kilns, and restrooms & offices



AMS Modular

Educare Center Long Beach Unified School District

Two-story Classroom & Admin Bldg Early childhood education program



Silvercreek

Westcreek Academy Saugus Union School District

Custom Two-story Classroom Bldg

Modular Expenses - \$7 million



Lab Space

Palm Crest Conceptual Design

 New Building Addition – Site-Built Concept (Option B Site Plan)

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13 Classrooms (12,480 SF)

Co-Labs (1,920 SF)

1 RSP Classroom (960 SF)

1 Intervention (480 SF)

1 Speech (280 SF)

1 Counseling (200 SF)

1 Staff Workroom (650 SF)

Restrooms /Storage (1,790 SF)

Net Usable Space — 18,760 SF

Circulation Space — 6,190 SF

Total Square Footage - 24,951 SF

Estimated Cost - $12,800,000 (Site B Building
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Only)

Unit Cost - \$513/SF

- New Building Addition Modular Bldg Approach
 - Site Option B would not be recommended
 - Site Option A is better suited for modular construction
 - Standard modular bldg with external walkway is most cost effective
 - Opportunity to increase net total usable space
 - Compare two recent projects \$300/SF-\$375/SF
 - Received an initial budget figure from a modular company - \$350/SF (internal Corridor)
 - 26,000 28,000 SF facility (w/ external walkway) could account for 20 classrooms & Co-labs
 - Shorter construction duration than site built.