

Design Development Cost Estimate

**Fisher Middle School - New 2-Story Classroom
Los Gatos Union School District
Los Gatos, California**

**June 10, 2010
HMC Job No. 3208016-100**

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| <i>Overall Component Summary</i> | | <i>\$/SF</i> | <i>Total \$</i> |
|---|------|---------------|------------------|
| A10 Foundations | | 0.00 | 0 |
| A20 Basement Construction | | 0.00 | 0 |
| B10 Superstructure | | 0.00 | 0 |
| B20 Enclosure | | 0.00 | 0 |
| B30 Roofing | | 0.00 | 0 |
| C10 Interior Construction | | 0.00 | 0 |
| C20 Stairs | | 0.00 | 0 |
| C30 Interior Finishes | | 0.00 | 0 |
| D10 Conveying | | 0.00 | 0 |
| D20 Plumbing | | 0.00 | 0 |
| D30 HVAC | | 1.65 | 18,266 |
| D40 Fire Protection | | 0.00 | 0 |
| D50 Electrical | | 10.08 | 111,570 |
| E10 Equipment | | 0.00 | 0 |
| E20 Furnishings | | 0.00 | 0 |
| F10 Special Construction | | 0.00 | 0 |
| F20 Selective Building Demolition | | 0.00 | 0 |
| G10 Site Preparation | | 4.57 | 50,643 |
| G20 Site Improvement | | 11.20 | 123,959 |
| G30 Site Mechanical Utilities | | 4.11 | 45,530 |
| G40 Site Electrical Utilities | | 16.27 | 180,061 |
| G90 Other Site Construction | | 0.00 | 0 |
| Direct Construction Cost | | 47.88 | 530,029 |
| Bonds and Insurance | 0.0% | 0.00 | 0 |
| Gen Conditions | 0.0% | 0.00 | 0 |
| Gen Contractor OH&P | 0.0% | 0.00 | 0 |
| Design Contingency | 7.5% | 3.59 | 39,752 |
| Cost Escalation to Midpoint | 0.0% | 0.00 | 0 |
| Construction Contingency | 0.0% | 0.00 | 0 |
| Total Construction Cost | | 51.47 | 569,781 |
| Modular Building Costs | | | |
| 2-story Building (10 CR @ 960 sf) (includes fire sprinklers) (June 8, 2010) | | | 2,811,543 |
| Optional Design Features (June 8 & 10, 2010) | | | 237,589 |
| Total Modular Building Cost | | 275.44 | 3,049,132 |
| Total Construction Cost including Modular | | 326.91 | 3,618,913 |

* Cost escalation to midpoint of construction in - months at 0 per annum.

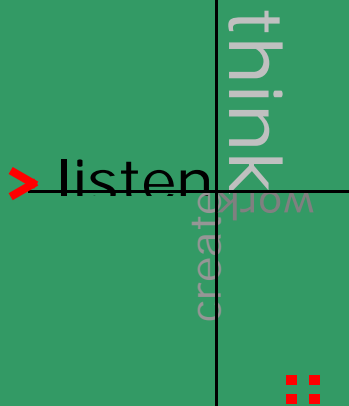
Classroom Building

Summary and Detail

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Classroom Building

| <i>Component Summary</i> | | <i>\$/SF</i> | <i>Total \$</i> |
|-----------------------------------|------|--------------|-----------------|
| A10 Foundations | | 0.00 | 0 |
| A20 Basement Construction | | 0.00 | 0 |
| B10 Superstructure | | 0.00 | 0 |
| B20 Enclosure | | 0.00 | 0 |
| B30 Roofing | | 0.00 | 0 |
| C10 Interior Construction | | 0.00 | 0 |
| C20 Stairs | | 0.00 | 0 |
| C30 Interior Finishes | | 0.00 | 0 |
| D10 Conveying | | 0.00 | 0 |
| D20 Plumbing | | 0.00 | 0 |
| D30 HVAC | | 1.65 | 18,266 |
| D40 Fire Protection | | 0.00 | 0 |
| D50 Electrical | | 10.08 | 111,570 |
| E10 Equipment | | 0.00 | 0 |
| E20 Furnishings | | 0.00 | 0 |
| F10 Special Construction | | 0.00 | 0 |
| F20 Selective Building Demolition | | 0.00 | 0 |
| G10 Site Preparation | | 0.00 | 0 |
| G20 Site Improvement | | 0.00 | 0 |
| G30 Site Mechanical Utilities | | 0.00 | 0 |
| G40 Site Electrical Utilities | | 0.00 | 0 |
| G90 Other Site Construction | | 0.00 | 0 |
| Direct Construction Cost | | 11.73 | 129,836 |
| Bonds and Insurance | 0.0% | 0.00 | 0 |
| Gen Conditions | 0.0% | 0.00 | 0 |
| Gen Contractor OH&P | 0.0% | 0.00 | 0 |
| Design Contingency | 7.5% | 0.88 | 9,738 |
| Cost Escalation to Midpoint | 0.0% | 0.00 | 0 |
| Construction Contingency | 0.0% | 0.00 | 0 |
| Total Construction Cost | | 12.61 | 139,574 |

* Cost escalation to midpoint of construction in - months at 0 per annum.

Sitework

Summary and Detail

Design Development Cost Estimate

Fisher Middle School - New 2-Story Classroom
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June 10, 2010

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listen
think
create



Design Development Cost Estimate

Fisher Middle School - New 2-Story Classroom
Los Gatos Union School District
Los Gatos, California

June 10, 2010
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Sitework

| <i>Component Summary</i> | | <i>\$/SF</i> | <i>Total \$</i> |
|-----------------------------------|------|--------------|-----------------|
| A10 Foundations | | 0.00 | 0 |
| A20 Basement Construction | | 0.00 | 0 |
| B10 Superstructure | | 0.00 | 0 |
| B20 Enclosure | | 0.00 | 0 |
| B30 Roofing | | 0.00 | 0 |
| C10 Interior Construction | | 0.00 | 0 |
| C20 Stairs | | 0.00 | 0 |
| C30 Interior Finishes | | 0.00 | 0 |
| D10 Conveying | | 0.00 | 0 |
| D20 Plumbing | | 0.00 | 0 |
| D30 HVAC | | 0.00 | 0 |
| D40 Fire Protection | | 0.00 | 0 |
| D50 Electrical | | 0.00 | 0 |
| E10 Equipment | | 0.00 | 0 |
| E20 Furnishings | | 0.00 | 0 |
| F10 Special Construction | | 0.00 | 0 |
| F20 Selective Building Demolition | | 0.00 | 0 |
| G10 Site Preparation | | 0.00 | 50,643 |
| G20 Site Improvement | | 0.00 | 123,959 |
| G30 Site Mechanical Utilities | | 0.00 | 45,530 |
| G40 Site Electrical Utilities | | 0.00 | 180,061 |
| G90 Other Site Construction | | 0.00 | 0 |
| Direct Construction Cost | | 0.00 | 400,193 |
| Bonds and Insurance | 0.0% | 0.00 | 0 |
| Gen Conditions | 0.0% | 0.00 | 0 |
| Gen Contractor OH&P | 0.0% | 0.00 | 0 |
| Design Contingency | 7.5% | 0.00 | 30,014 |
| Cost Escalation to Midpoint | 0.0% | 0.00 | 0 |
| Construction Contingency | 0.0% | 0.00 | 0 |
| Total Construction Cost | | 0.00 | 430,207 |

* Cost escalation to midpoint of construction in - months at 0 per annum.

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Sitework

| <i>Component Detail</i> | <i>Quantity</i> | <i>Unit</i> | <i>Rate</i> | <i>Subtotal \$</i> | <i>Total \$</i> |
|---|-----------------|-------------|-------------|--------------------|-----------------------|
| <u>G10 Site Preparation</u> | | | | | <u>50,643</u> |
| Site clearing | | | | | 4,030 |
| Erosion control & swppp | 13,000 | SF | 0.31 | 4,030 | |
| * | | | | 0 | |
| Site demolition and relocations | | | | | 29,072 |
| Remove concrete walk | 5,350 | SF | 1.24 | 6,634 | |
| Sawcutting concrete | 105 | LF | 10.35 | 1,087 | |
| Remove concrete curb | 45 | LF | 2.95 | 133 | |
| Remove concrete curb & gutter | 27 | LF | 3.88 | 105 | |
| Remove replace plaque | 1 | EA | 403.33 | 403 | |
| Remove fencing | 104 | LF | 3.78 | 393 | |
| Remove landscaping | 13,000 | SF | 0.69 | 8,970 | |
| Remove trees | 7 | EA | 375.00 | 2,625 | |
| Demo piping | 246 | LF | 8.24 | 2,027 | |
| Demo conduit duct bank | 260 | LF | 17.00 | 4,420 | |
| Protect trees | 1 | LS | 2,275.00 | 2,275 | |
| * | | | | 0 | |
| Site earthwork | | | | | 17,541 |
| Grading building pad | 6,200 | SF | 1.46 | 9,052 | |
| Grading prep, hand | 16,645 | SF | 0.51 | 8,489 | |
| * | | | | 0 | |
| <u>G20 Site Improvement</u> | | | | | <u>123,959</u> |
| Vehicular paving | | | | | 7,309 |
| Asphalt paving | 780 | SF | 4.50 | 3,510 | |
| Pavement markings | 1 | LS | 500.00 | 500 | |
| Concrete approach | 90 | SF | 14.25 | 1,283 | |
| Concrete curb | 112 | LF | 18.00 | 2,016 | |
| * | | | | 0 | |
| Pedestrian paving | | | | | 53,243 |
| Concrete paving | 7,835 | SF | 6.63 | 51,923 | |
| Concrete curb | 60 | LF | 22.00 | 1,320 | |
| * | | | | 0 | |
| Site development | | | | | 38,386 |
| Covered walk way (westside) | | SF | 48.16 | 0 | |
| Seat wall | 95 | LF | 174.42 | 16,570 | |
| Ornamental fence | 57 | LF | 105.00 | 5,985 | |
| Ornamental fence | 2 | EA | 795.00 | 1,590 | |
| Chain link fencing | 183 | LF | 41.71 | 7,633 | |
| Chain link fencing, gate | 2 | LF | 653.60 | 1,307 | |
| Chain link fencing, gate, rolling, 8' wide | 1 | LF | 2,039.00 | 2,039 | |
| Chain link fencing, gate, rolling, 16' wide | 1 | LF | 3,262.00 | 3,262 | |
| * | | | | 0 | |
| Landscaping | | | | | 25,021 |
| Irrigation | 280 | SF | 3.60 | 1,008 | |
| Irrigation, repair | 2,860 | SF | 0.55 | 1,573 | |
| Irrigation, relocate valve box | 1 | EA | 308.00 | 308 | |

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| Component Detail | Quantity | Unit | Rate | Subtotal \$ | Total \$ |
|-------------------------|----------|------|----------|-------------|----------|
| Irrigation, main, 3" | 310 | LF | 8.50 | 2,635 | |
| Tree, relocate existing | 1 | EA | 750.00 | 750 | |
| Shrubs, 5 gal | 13 | EA | 43.33 | 563 | |
| Wood chips | 7,940 | SF | 1.45 | 11,513 | |
| Lawn, sod | 2,860 | SF | 1.55 | 4,433 | |
| Soil preparation | 280 | SF | 0.85 | 238 | |
| Maintenance | 1 | LS | 2,000.00 | 2,000 | |
| * | | | | 0 | |

G30 Site Mechanical Utilities

45,530

| | | | | | |
|-------------------------|-----|----|----------|--------|--------|
| Water supply - Domestic | | | | | 5,299 |
| Piping | 70 | LF | 64.99 | 4,549 | |
| Valves | 1 | EA | 399.84 | 400 | |
| Connect to existing | 1 | EA | 350.00 | 350 | |
| * | | | | 0 | |
| Water supply - Fire | | | | | 16,318 |
| PVC water pipe, 6" | 155 | LF | 64.99 | 10,073 | |
| Pipe tap, 6" | 1 | EA | 2,543.40 | 2,543 | |
| Thrust block | 3 | EA | 384.68 | 1,154 | |
| FDC /PIV | 1 | EA | 2,548.36 | 2,548 | |
| * | | | | 0 | |
| Sanitary sewer | | | | | 3,219 |
| Pipe, sewer, 6" | 68 | LF | 31.75 | 2,159 | |
| Cleanout to grade | 0 | EA | 465.00 | 0 | |
| Connect to existing | 2 | EA | 530.00 | 1,060 | |
| * | | | | 0 | |
| Storm drainage | | | | | 16,498 |
| Pipe, sewer, 6" | 140 | LF | 31.75 | 4,445 | |
| Pipe, sewer, 12" | 90 | LF | 81.96 | 7,376 | |
| Storm inlet | 3 | EA | 655.00 | 1,965 | |
| Cleanout to grade | 5 | EA | 455.00 | 2,275 | |
| Connect to existing | 1 | EA | 437.00 | 437 | |
| * | | | | 0 | |
| Fuel distribution | | | | | 4,196 |
| Piping, SDR 11, 3" | 260 | LF | 14.76 | 3,838 | |
| Connect to existing | 2 | EA | 179.00 | 358 | |
| * | | | | 0 | |

G40 Site Electrical Utilities

180,061

| | | | | | |
|-----------------------------|-------|----|--------|--------|---------|
| Electrical distribution | | | | | 101,936 |
| Conduits, RGS, 4" | 30 | LF | 59.48 | 1,784 | |
| Conduits, PVC, 3" | 250 | LF | 19.22 | 4,804 | |
| Conduits, PVC, 4" | 35 | LF | 22.69 | 794 | |
| Conduits, PVC, 4" (2) | 250 | LF | 34.70 | 8,675 | |
| Conduits, RGS, 4", 90 sweep | 1 | EA | 433.68 | 434 | |
| Conductors, CU, #300 kcmil | 1,100 | LF | 13.07 | 14,374 | |

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| <i>Component Detail</i> | <i>Quantity</i> | <i>Unit</i> | <i>Rate</i> | <i>Subtotal \$</i> | <i>Total \$</i> |
|---|-----------------|-------------|-------------|--------------------|-----------------|
| Conductors, CU, #500 kcmil | 2,580 | LF | 21.05 | 54,317 | |
| Conductors, #4 ground | 275 | LF | 2.44 | 671 | |
| Conductors, #3 ground | 640 | LF | 2.44 | 1,562 | |
| Pullbox, 10 x 17 | 1 | EA | 263.61 | 264 | |
| Pullbox, 30 x 48 | 1 | EA | 1,164.90 | 1,165 | |
| Splicing | 1 | LS | 3,144.00 | 3,144 | |
| Trenching | 142 | CY | 39.00 | 5,538 | |
| Circuit breaker, 400 amp @ MSB | 1 | LS | 4,410.00 | 4,410 | |
| * | | | | 0 | |
| Site communications and security | | | | | 78,125 |
| Conduits, PVC, 2", (F/A, clock/pa, security & space), new | 1,280 | LF | 15.13 | 19,362 | |
| Conduits, PVC, 3", data | 1,280 | LF | 18.11 | 23,180 | |
| Cabling, (data, voice, F/A, clock, P/A & security) | 1 | LS | 28,159.00 | 28,159 | |
| Connect to existing, MDF | 1 | EA | 1,571.47 | 1,571 | |
| Pullbox, 30 x 48 | 3 | EA | 1,164.90 | 3,495 | |
| Splicing | 1 | LS | 2,358.00 | 2,358 | |
| Connect to existing pullbox | | LS | 1,571.47 | 0 | |
| * | | | | 0 | |