

# Piedmont Hills High School

## Campus Master Plan



March 15, 2004

# Piedmont Hills High School

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- Independence Adult Education Preliminary Needs Assessment
- W.C. Overfelt Adult Education Preliminary Needs Assessment
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# Piedmont Hills High School

## Campus Master Plan



### **East Side Union High School District Mission Statement**

*It is the mission of East Side Union High School District to provide a safe and effective learning environment; to provide support to all students and families; to strive for continuous improvement; and to implement clear measurements of success.*

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**P E R K I N S**  
& **W I L L**

# Piedmont Hills High School

## Introduction to the Master Plan



On March 5, 2002, the **East Side Union High School District (ESUHSD)** passed the Measure “G” Bond with \$298,000,000 for facilities Improvements. With a portion of the funds generated from this bond, the ESUHSD proposed to begin a number of modernization and new construction projects at the campuses across the District. These projects include, but are not limited to, replacing relocatable classrooms with permanent buildings, modernizing existing classrooms, modernizing existing restrooms and locker rooms, providing increased safety and security by utilizing perimeter fencing, video camera surveillance and exterior lighting, and improving campus wide technology.

Measure G, as presented to the voters, contained a Bond Project List which listed specific projects for each campus across the District. In order to prioritize the needs of each school, the District developed an **Executive Summary** that works as a “scope of work planning guide” for the modernization of each school, listing projects and assigning priorities and base costs for each campus.

The **ESUHSD** selected Perkins & Will to provide a District Master Plan for the Measure G funded projects as well as future campus needs. The comprehensive Master Plan is comprised of five major parts that work together to outline the needs, scope of work and methods by which all of the new work will be completed.

The **Phase I and Phase II Projects** (formally titled “Quick Start Projects”) were the first part of the Master Plan. The Projects List as defined by the Defined was first reviewed in June 2003, this portion of the Master Plan describes campus improvement projects that had a short lead time and little physical or economic impact on the overall planning efforts at each campus. Phase I projects included those projects that had been implemented by the District and were already underway at the time. Phase II projects were scheduled to begin in late 2003 or early 2004.

The **Preliminary Needs Assessment** was the second report delivered as part of the comprehensive Master Plan. This portion of the Master Plan contains a detailed analysis of each campus and the inherent needs of each school. Included in this document are analysis of existing campus conditions, probable construction costs and existing facility assessments that document the investigations, evaluations and recommendations of Perkins & Will and its consultants.

The **Campus Master Plan** is the third part of the comprehensive Master Plan. It works as a companion to the first two parts of the Master Plan and outlines the scope of work and probable construction costs for the projects funded under Measure G as well as the complete Master Plan for each campus. The Campus Master Plan document describes a scope of work at a campus level and works in conjunction with the two final parts of the Master Plan, the **District Facility Design Guidelines** and the **District Outline Specifications**. These two documents provide a more detailed outline of the work at a building level and describe specific materials and methods to be used on District construction projects.

This **Campus Master Plan** for **Mt. Pleasant High School** is provided as a recommendation to the District of the scope of work to be performed under Measure G funding along with considerations for future campus improvements. It is a result of the synthesis of information provided by the District, the Campus Steering Committees and the Master Plan consulting team.

# Piedmont Hills High School

## Glossary of Terms



**Allocated Construction Budget**-- 72% of the Project Budget reserved for construction only, including design contingencies and escalation. The remaining 28% is reserved for District associated project costs, including testing, fees, project management and project contingencies.

**Balance of Funds**--The difference between the Allocated Construction Budget and the Total Probable Construction Cost.

**Bond Summary Budget**--Total Measure G funds allotted to each campus per the Citizen Bond Oversight Committee Annual Report, dated August, 2003.

**Campus Priority Projects**--Amount the District anticipates spending for select sub-category projects deemed Campus Priority Projects. It does not include contingency and escalation costs. These projects do not fall under the heading Campus Projects.

**Campus Project**--A project identified through the Master Plan Preliminary Needs Assessment process that does not fall within the projects listed in the Measure G Bond Executive Summary or the Citizen Bond Oversight Committee Annual Report Bond Summary. A Campus Project is considered for master planning purposes, but it may not be funded by Measure G.

**Campus Projects Probable Construction Cost**--Amount each campus anticipates expending for their own projects above and beyond the District Priority Projects, including contingency and escalation costs.

**CDE Total Enrollment 2002-2003 SY**--The number of students at each campus for the 2002-2003 School Year. This number was provided by ESUHSD and is based on the California Department of Education's CBED demographic reports for enrollment reported in October, 2002.

**Current Capacity**--The number of students in each campus at the District Standard of 26.8 loading per Teaching Station.

**Current Loading**--The average number of students housed at each teaching station per campus.

**Design Contingency**--A multiplier applied to base probable construction costs to account for unforeseeable conditions or unknown constraints that may be revealed during design and thereby affect construction cost. This multiplier has been set at 15%.

**District Priority Project (DPP)**--A project considered to fall within the projects listed in the Measure G Bond or the Executive Summary Project Lists, and which is planned to be under construction contract after September 30, 2004 and funded from Measure G funds.

**District Priority Projects (DPP) Probable Construction Cost**--Total construction amount each campus anticipates expending for those projects scheduled to be in a construction contract after September 30, 2004. A design contingency of 15% and a cost escalation of either 12% or 20% is applied for a period of 3 or 5 years respectively. This amount is applied to both DPP and the Design Contingency.

**District Standard Loading**--The number of students housed at each Teaching Station as a District Standard.

# Piedmont Hills High School

## Glossary of Terms



**Escalation**—A multiplier applied to the sum of the base probable construction costs and design contingency to account for construction costs increasing due to inflation and market conditions over time. Applied as a base, un compounded percentage rate added for each year from 2003 to the projected mid-point of construction.

**Executive Summary Budget**--Total Measure G funds allotted to each campus per the Executive Summary “Bond Measures School Safety and Student Success”, no date.

**Existing Teaching Station (Permanent Building)**--The number of teaching stations located in a permanent building.

**Existing Teaching Stations (Relocatable)**--The number of Teaching Stations located in non-interim relocatable buildings.

**General Classroom**--A Standard Teaching Station room.

**Interim Housing**—Relocatable Teaching Stations required to house classes during construction.

### **Master List of District Priority Projects**

A categorized list of project types distilled by Perkins & Will from the campus project lists contained within the Measure G Bond Executive Summary and the Citizen Bond Oversight Committee Annual Report Bond Summary.

**Master Plan Balance of Funds**--The difference between Allocated Construction Budget and Total Master Plan Probable Construction Cost.

**Master Plan Enrollment**--The number of students anticipated at each campus for the purposes of generating the Preliminary Needs Assessment. This number was established by ESUHSD.

**Measure A**--The General Obligation Bond prior to Measure G, passed by East Side Union High School District voters in 1991, now expended.

**Measure G**--A General Obligation Bond of \$298,000,000, passed by East Side Union High School District voters on March 5, 2002.

**Modernization Level 1**--A general construction project that replaces most finishes and some fixtures but does not change existing wall configurations. Refer to the Appendix for an itemized description.

**Modernization Level 2**--A general construction project that replaces all finishes and fixtures, typically for its existing use, sometimes requiring relocation of non-bearing partitions. Upgraded mechanical, plumbing, electrical, technology and new roofing are included. Refer to the Appendix for an itemized description.

**Net Enrollment Change**--The difference between Enrollment 2002-2003 and Master Plan Enrollment.

**Net Relocatables Replaced**--The difference between Existing Teaching Stations (Relocatables) and Teaching Stations Net Change. A positive number indicates the number of new construction of

# Piedmont Hills High School

## Glossary of Terms



classrooms to replace relocatable buildings by the end of Measure G construction. A zero indicates that the existing number of permanent Teaching Stations should accommodate the projected enrollment population under the District's Standard Loading, without consideration of other modernization or campus needs.

**New Construction**--A general construction project providing additional program area not within an existing structure.

**Other Funding**--Monies for specific projects from either City or private entities.

**Other Labs**—A specialized instruction classroom, often larger than a General Classroom, such as a Computer Lab, Art or Music Classroom and their associated support spaces.

**Phase I Construction Cost**--Total construction amount the District anticipates expending for those projects included in a construction contract before October 1, 2003. Contingency and escalation costs are not applied to Phase I Projects.

**Phase II Probable Construction Cost**--Total construction amount the District anticipates expending for those projects included in a construction contract between October 1, 2003 and September 30, 2004. A design contingency of 15% is applied. In addition, a 4% escalation cost amount is applied to both Phase II project costs and the design contingency.

**Phase I Project**--A project that is under construction contract before October 1, 2003, to be funded either from Measure G allocations or under the District's Maintenance & Operations Budget.

**Phase II Project**--A project that is planned to be under construction contract between October 1, 2003 and September 30, 2004, to be funded from Measure G funds.

**Projected Enrollment 2011**--The number of students anticipated in each campus for the 2001-2012 School Year. This number was provided by enrollment projection consultants in a report from 2000. These projections did not account for the effects of students attending Evergreen Valley High School.

**Projected Enrollment Oct. 2005**--The number of students anticipated at each campus for the 2005-2006 School Year. This number was provided by the District's enrollment projection consultants in a report from 2000. These projections did not account for the effects of students attending Evergreen Valley High School.

**Recently Modernized Classroom**—A Teaching Station modernized within 10 years of the Preliminary Needs Assessment (1993 or later), presumed by the District to be predominantly compliant with recent DSA requirements.

**Reconstruction**--A general construction project that removes all finishes and infrastructure of an existing building in order to expand or reconfigure that building, sometimes for another use. Reconstruction typically will require seismic and structural upgrades of the building structure. All new mechanical, plumbing, electrical, technology, exterior finishes, roofing, interior finishes are included. Refer to the Appendix for an itemized description.

**Relocatable Classroom**--A portable building housing at least one General Classroom.

# Piedmont Hills High School

## Glossary of Terms



**Relocatable Non-Teaching Station**—A portable building housing physical education classes, administration, storage or other similar functions.

**Relocatable Other Labs**--A portable building housing at least one specialized instruction classroom.

**Relocatable Science Lab**--A portable building housing at least one Science Lab and designed for science classes.

**Revised Teaching Station Requirement**--The total number of Teaching Stations required per campus, based on the Master Plan Enrollment numbers divided by the District Standard Loading.

**Science Lab**--A Teaching Station room, designed and outfitted for science classes.

**State Eligibility Budget**--The amount of state modernization grant funding for which a campus is currently eligible under the State Allocation Board's AB 16 School Facility Program Regulations, per the District's State Eligibility Consultant's report.

**Teaching Station**—A classroom or space where instruction by teachers takes place, where students are assigned, and are counted for the purpose of determining the project's enrollment capacity, as determined by the California Department of Education. Standard Teaching Stations include class lecture rooms, reading areas, special education, and independent study using technology learning centers within classrooms. Large Teaching Stations include rooms for large group lecture, video presentations and hands-on activities. Science Laboratories and other specialized instruction classrooms are considered to be Teaching Stations. Rooms where Physical Education and Health occur, however, are not counted as Teaching Stations.

**Teaching Stations Net Change**--The difference between Total Existing Teaching Stations and Teaching Stations Needed.

**Total Construction Budget**--Amount the District anticipates spending on construction only for Phase I, Phase II and all District Priority Projects, including their respective contingency and escalation costs.

**Total District Priority Projects**--Amount the District anticipates spending for all District Priority Projects. It does not include contingency and escalation costs.

**Total Enrollment May 2003**--The number of students at each campus in May 2003. Adult Education is not factored into the District's enrollment numbers. This number was provided by ESUHSD.

**Total Existing Teaching Stations**--All current Teaching Stations, including permanent and relocatable buildings. Interim Portables are temporary housing for Teaching Stations undergoing construction and are not included in the Existing Teaching Station Count.

**Total Master Plan Probable Construction Cost**--Amount each campus anticipates expending for all construction projects, including, Phase I, Phase II, District Priority Projects and Campus Projects, including their respective contingency and escalation costs.

**Total Phase I & II Probable Construction Costs**--Includes Phase I and Phase II probable construction costs and their respective contingency and escalation costs.



# Piedmont Hills High School



## Glossary of Terms

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**Total Probable Construction Cost**--Amount each campus anticipates spending on construction only for Phase I, Phase II and all DPP, including their respective contingency and escalation costs.

**Total Project Budget**--The entire amount allotted to each campus for construction and District associated project costs, based on the sum of the Bond Summary Budget, the State Eligibility Budget and Other Funding sources.

# Piedmont Hills High School

## Master List of District Priority Projects



### 1. Mandatory Code Compliance

- ♦ ADA Compliance for Site Accessibility
- ♦ Fire Alarm System
- ♦ Hazardous Materials Abatement

### 2. Recommended Safety Improvements

- ♦ Seismic Upgrade
  - Including buildings, lunch shelters, covered walkways and student drop-offs
- ♦ Pool Modernization to Increase Depth

### 3. Recommended Building Improvements

(Moisture Protection projects are not within scope of other projects listed)

- ♦ Roofing Modernization
- ♦ Exterior Finishes Modernization

### 4. Health

- ♦ Restroom New construction
  - Student and staff restrooms (excluding Locker Room Restrooms)
  - Including finishes, fixtures, ventilation, ADA compliance, etc.
- ♦ Restroom Modernization
  - Student and staff restrooms (excluding Locker Room Restrooms)
  - Including finishes, fixtures, ventilation, ADA compliance, etc.
- ♦ Locker Room Modernization
  - Locker Rooms, Locker Room Restrooms, Showers for students and staff
  - Including finishes, fixtures, lockers, ventilation, ADA compliance, etc.

### 5. Security

- ♦ Security Surveillance Cameras & DVR
- ♦ Security Alarm System
- ♦ Security Exterior Lighting
- ♦ Perimeter Site Fencing
- ♦ Door Hardware Modernization

### 6. Teaching Stations

- ♦ Classroom/Lab Modernization
  - Including finishes, lighting, outlets, etc.
- ♦ Classroom/Lab Reconstruction
  - Including undersized classroom expansion and seismic Modernization
- ♦ Classroom/Lab New Construction to Replace Relocatables
- ♦ Classroom New Construction for Enlargement of Undersized Classrooms Less Than 800 SF
- ♦ Classroom New Construction for Enlargement of Undersized

Classrooms Between 801 and 849 SF

- ♦ Classroom New Construction for Enlargement of Undersized Classrooms Between 850 and 899 SF
- ♦ General Science Lab New Construction for Enlargement of Undersized Labs Less Than 1150 SF
- ♦ Science Lab New Construction for Enlargement of Undersized Labs Less Than 1350 SF
- ♦ Classroom/Lab New Construction for Expanded Program

### 7. Interim Housing

- ♦ For Modernization and New Construction Projects

### 8. Demolition

- ♦ Building Demolition
- ♦ Relocatable Demolition/Removal
- ♦ Site Demolition

### 9. Utilities Infrastructure

- ♦ Existing Utilities Services Improvements
  - Electrical Service Improvements
  - Sewer Line Improvements
  - Domestic Water Supply Improvements
  - Fire Service Water Supply Improvements
  - Gas Supply Improvements
  - Storm Drainage Improvements
- ♦ New Construction Utilities Services Improvements
  - Electrical Service Improvements
  - Sewer Line Improvements
  - Domestic Water Supply Improvements
  - Fire Service Water Supply Improvements
  - Gas Supply Improvements
  - Storm Drainage Improvements

### 10. Technology

- ♦ Technology Infrastructure
- ♦ Data Networking/Wireless Networking
- ♦ Educational Technology End-user Equipment
- ♦ Telephone System Modernization
- ♦ Public Address System Modernization
- ♦ Cable TV System Modernization
- ♦ Clock System Modernization

### 11. Teaching Support

- ♦ Library
  - Modernization or Reconstruction
- ♦ Large Gym
  - Modernization or Reconstruction
- ♦ Small Gym
  - Modernization or Reconstruction

# Piedmont Hills High School

## Master List of District Priority Projects

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- New Construction
- ♦ Multi-Purpose
  - Modernization or Reconstruction
  - New Construction
- ♦ Theater
  - Modernization or Reconstruction
  - New Construction

- ♦ Landscape & Irrigation Modernization

### 17. Furniture, Furnishings & Equipment

- ♦ New Furnishings
- ♦ New Lockers

### 12. Nutrition Services

- ♦ Nutritional Services
  - Modernization or Reconstruction
  - Kitchen Equipment

### 13. Administration & Staff

- ♦ Administration Modernization or Reconstruction
- ♦ Student Services New Construction

### 14. General Building Improvements (are not within scope of other projects listed)

- ♦ Lunch Shelter
  - Modernization or New Construction
- ♦ Covered Drop-off
  - Modernization or New Construction
- ♦ Covered Walkway Modernization
- ♦ HVAC System Modernization
- ♦ Electrical Distribution Modernization
- ♦ Lighting Modernization
- ♦ Plumbing System Modernization
- ♦ Paint @ Exterior
- ♦ Paint @ Interior
- ♦ Flooring
- ♦ Ceilings
- ♦ Building Signage
- ♦ Replace Damaged Glazing

### 15. Outdoor Athletic Facilities

- ♦ All Weather Track Construction
- ♦ All Weather Field Construction
- ♦ Athletic Field & Irrigation Modernization
- ♦ Pool Equipment Modernization
- ♦ Field House Construction
- ♦ Bleachers Modernization @ Track & Field
- ♦ Scoreboard Modernization
- ♦ Resurfacing @ Hard Courts

### 16. General Site Improvements

- ♦ Walkway Improvements
- ♦ Student Drop-off Area Improvements
- ♦ Parking Lot Improvements

# Piedmont Hills High School

## Introduction to the Measure G Scope



This **Measure G Scope** of the Master Plan for **Piedmont Hills High School** is provided as a recommendation to the District for the scope of work to be performed under Measure G funding along with considerations for future campus improvements. It is a result of the synthesis of information provided by the District, the Campus Steering Committees and the Master Plan consulting team. Measure G, as presented to the voters, contained a Bond Project List which lists projects for each school across the District. The District developed an **Executive Summary** which is a “scope of work planning guide” for the modernization of each school, which lists projects and assigns a priority and base cost for each project. Understanding that the funds supplied under Measure G will not provide for the completion of every project need across the District, the **Measure G Scope** proposal is organized in accordance with the **District Priority Projects** at each campus as set forth by the District.

In order to determine which campus projects would be completed under Measure G funding, an extensive campus analysis was completed by Perkins and Will and its consulting team and was submitted to the District as the **Preliminary Needs Assessment**. The information within this report provided a framework from which decisions regarding the Measure G campus projects were derived. The criteria for the proposal included those items listed in the **Bond Project List** and the **District Executive Summary** along with requirements of the **California Building Code, Department of the State Architect (DSA)** and the campus **Steering Committees**.

The proposal includes a **Measure G Scope Diagram** that provides a graphical representation of the proposed scope of work. The **Measure G Probable Construction Cost Summary** identifies the main project categories and associated costs including project contingency and escalation amounts. The **Measure G Phase I & Phase II Probable Construction Cost** is an itemized description of those projects that are to be completed as part of the first two phases of the Master Plan. The **Measure G Probable Construction Cost** is an itemized description of those projects that are to be completed as part of the third phase of the Master Plan. It includes detailed descriptions of the work to be performed at each existing building, new construction project and site development project along with the anticipated costs for each item.

# Piedmont Hills High School

## Campus Measure G Scope Summary

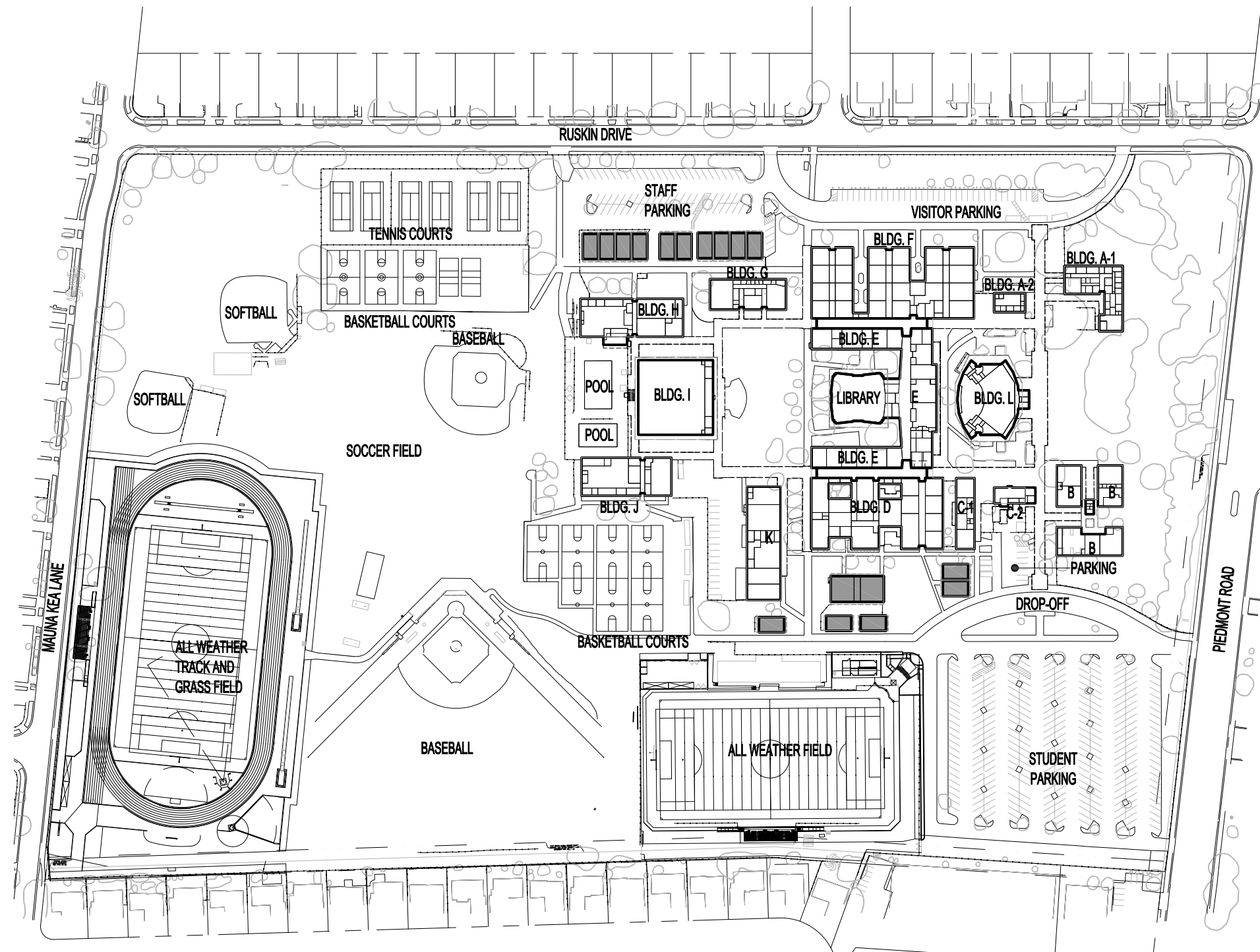
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### **Campus Measure G Project Scope List:**

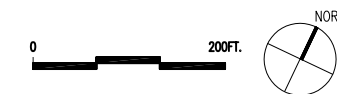
- Site/Building Related Improvements
- ADA Accessible Path of Travel Improvements
- Seismic Upgrade of Existing Structures
- Pool Modernization
- Roofing Modernization
- New Restroom Construction
- Existing Restroom Modernization
- Locker Room Modernization
- Campus Security Upgrades
- New Classroom Construction
- New Science Lab Construction
- Existing Classroom and Lab Modernization
- Utility Infrastructure Upgrade
- Technology Infrastructure & Equipment Upgrade
- Existing Nutrition Services Modernization
- Building Systems Upgrade (HVAC, Plumbing, Electrical & Lighting)
- New All-weather Field
- New All-weather Track
- Landscape & Irrigation Improvements
- Parking Lot Improvements
- Furnishings and Equipment

# Measure G Demolition Plan



## Legend

- No Modernization Planned
- Modernization Completed
- Removal / Demolition
- Level 1 Modernization
- Level 2 Modernization
- Reconstruction
- New Construction
- Phase I or Phase II



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**Piedmont Hills  
High School  
Site Plan**

|            |                |
|------------|----------------|
| Date       | March 15, 2004 |
| Job Number | 73103.056      |
| Scale      | 1" = 200'      |
| Sheet      | PH-01          |

# Measure G Scope Diagram



## Legend

- No Modernization Planned
- Modernization Completed
- Removal / Demolition
- Level 1 Modernization
- Level 2 Modernization
- Reconstruction
- New Construction
- Phase I or Phase II

- 01 New Classroom Building
- 02 New Student Toilet Rooms
- 03 New Science Labs
- 04 New Addition to Photo Lab
- 05 New Addition to Music Lab
- 06 New Special Ed Classroom Building and Toilet Room



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**Piedmont Hills  
High School  
Site Plan**

|            |                |
|------------|----------------|
| Date       | March 15, 2004 |
| Job Number | 73103.056      |
| Scale      | 1" = 200'      |
| Sheet      | PH-02          |

# Piedmont Hills High School

## Measure G Teaching Station Summary



| Building                                 | General Classrooms |          | Science Labs |          | Other Labs |          | Special Education |          |
|--|--------------------|----------|--------------|----------|------------|----------|-------------------|----------|
|  | Existing           | Proposed | Existing     | Proposed | Existing   | Proposed | Existing          | Proposed |
| Building A-1 (Administration)            | -                  | -        | -            | -        | -          | -        | -                 | -        |
| Building A-2 (Student Services)          | -                  | -        | -            | -        | -          | -        | -                 | -        |
| Building B (Art Labs)                    | 1                  | 1        | -            | -        | 6          | 6        | -                 | -        |
| Building C-1 (Classrooms)                | 2                  | 2        | -            | -        | -          | -        | 2                 | 0        |
| Building C-2 (Nutrition Services)        | -                  | -        | -            | -        | -          | -        | -                 | -        |
| Building C (Relocatables)                | 2                  | 0        | -            | -        | -          | -        | -                 | -        |
| Building D (Classrooms and Science Labs) | 7                  | 7        | 6            | 6        | -          | -        | -                 | -        |
| Building D (Relocatables)                | 3                  | 0        | 2            | 0        | -          | -        | -                 | -        |
| Building E (Classrooms and Library)      | 11                 | 11       | -            | -        | -          | -        | -                 | -        |
| Building F (Classrooms)                  | 20                 | 20       | -            | -        | 2          | 2        | -                 | -        |
| Building G (Music Labs)                  | -                  | -        | -            | -        | 3          | 3        | -                 | -        |
| Building H (Girls' Locker Room)          | -                  | -        | -            | -        | -          | -        | -                 | -        |
| Building I (Gymnasium)                   | -                  | -        | -            | -        | -          | -        | -                 | -        |
| Building J (Boys' Locker Room)           | -                  | -        | -            | -        | -          | -        | -                 | -        |
| Building K (Wood Shop and Science Labs)  | 1                  | 1        | 2            | 2        | 2          | 2        | -                 | -        |
| Building L (Auditorium)                  | -                  | -        | -            | -        | 1          | 1        | -                 | -        |
| Building P (Relocatables)                | 4                  | 0        | -            | -        | -          | -        | -                 | -        |
| <b>Subtotals</b>                         | 51                 | 42       | 10           | 8        | 14         | 14       | 2                 | 0        |

| New Construction             |   |   |   |   |   |   |   |   |
|------------------------------|---|---|---|---|---|---|---|---|
| Classrooms and Science Labs  | - | 6 | - | 2 | - | - | - | - |
| Special Education Classrooms | - | - | - | - | - | - | - | 5 |
| <b>Subtotals</b>             | 0 | 6 | 0 | 2 | 0 | 0 | 0 | 5 |

**Total Existing Teaching Stations: 77**

**Total Proposed Teaching Stations: 77**

**Note:**

All existing teaching station totals do not include existing Interim Housing classrooms.





# Piedmont Hills High School

## Measure G Probable Construction Cost Summary

**Phase I Construction Cost:** **\$1,109,000**

**Phase II Probable Construction Cost:** **\$11,219,994**

Off-Site Developments: \$0  
 On-Site Developments: \$2,699,946  
 Site Structures: \$0

**Modernization/Reconstruction Projects**

|  |                                  |
|--|----------------------------------|
| Building A-1 (Administration)                        | \$55,400                         |
| Building A-2 (Student Services)                      | \$28,005                         |
| Building B (Art Labs)                                | \$583,410                        |
| Building C-1 (Classrooms)                            | \$54,000                         |
| Building C-2 (Nutrition Services)                    | \$198,715                        |
| Building C (Relocatables)                            | \$10,000                         |
| Building D (Classrooms and Science Labs)             | \$171,000                        |
| Building D (Relocatables)                            | \$25,000                         |
| Building E (Classrooms and Library)                  | \$414,672                        |
| Building F (Classrooms)                              | \$300,000                        |
| Building G (Music Labs)                              | \$325,687                        |
| Building H (Girls' Locker Room)                      | \$22,892                         |
| Building I (Gymnasium)                               | \$306,040                        |
| Building J (Boys' Locker Room)                       | \$21,092                         |
| Building K (Wood Shop, Classrooms, and Science Labs) | \$351,196                        |
| Building L (Auditorium)                              | Modernization has been completed |
| Building P (Relocatables)                            | \$50,000                         |

**Subtotal:** **\$2,917,109**

**New Construction**

|                                  |             |
|----------------------------------|-------------|
| Classrooms and Science Labs      | \$1,790,370 |
| Special Education Classrooms     | \$885,000   |
| RSP                              | \$84,000    |
| Restroom Construction            | \$214,342   |
| Addition to Building G-Music Lab | \$61,790    |
| Addition to Building B-Photo Lab | \$77,818    |

**Subtotal:** **\$3,113,320**

**Furniture, Furnishings, Equipment (7% of New Construction)** **\$196,628**

**Sub-Total Probable Construction Cost:** **\$8,927,003**

**Contingency (15% of Construction)** **\$1,339,050**

**Subtotal:** **\$10,266,053**

**Construction Cost Escalation/Market Condition (3 years @ 4% annually)** **\$1,231,926**

**Measure G Probable Construction Cost:** **\$11,497,980**

# Piedmont Hills High School

## Measure G Probable Construction Cost Summary



|  |                      |
|--|----------------------|
| <b>Total Probable Construction Cost:</b> | <b>\$23,826,974</b>  |
| <b>Allocated Construction Budget:</b>    | <b>\$18,460,783</b>  |
| <b>Balance of Funds:</b>                 | <b>(\$5,366,191)</b> |

# Piedmont Hills High School

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## Legend of Symbols

- ‡ Projects in process prior to Master Plan (District Generated)
- × Documented in the Measure G Bond Project List (may also be included in the Executive Summary)
- Documented in the Executive Summary, Bond Measures, School Safety and Student Success
- ▲ DSA required project
- ◇ Master Plan recommended project

# Piedmont Hills High School

## Measure G Probable Construction Cost



| Project   | Project Detail  | Construction Category | Quantity | Unit Cost    | Construction Cost  |
|---|---|-----------------------|----------|--------------|--------------------|
| <b>Phase I:</b>                                       |   |                       |          |              |                    |
| <b>Cat. 2 Recommended Building Improvements</b>       |   |                       |          |              |                    |
| ‡   | Pump House Roofing  |                       | 1 LS     |              | TBD                |
| •   | Re-roof Covered Walkways-East Side of Campus                |                       | 1 LS     | \$100,000.00 | \$100,000          |
| <b>Cat. 5 Security</b>                                |   |                       |          |              |                    |
| ×   | Site Perimeter 8' Ht. Chain Link Fencing Behind Shops       |                       | 1 LS     | \$5,000.00   | \$5,000            |
| <b>Cat. 10 Technology</b>                             |   |                       |          |              |                    |
| •   | Upgrade Phone System Access Security                        |                       | 1 LS     | \$5,000.00   | \$5,000            |
| •   | Phone Software Upgrade                                      |                       | 1 LS     | \$14,000.00  | \$14,000           |
| •   | Upgrade Attendant Station (Auto Attendant & Direct Station) |                       | 1 LS     | \$9,000.00   | \$9,000            |
| •   | Upgrade Existing PA System                                  |                       | 1 LS     | \$0.00       | TBD                |
| •   | Upgrade Existing CATV Network to Digital (with Comcast)     |                       | 1 LS     | \$25,000.00  | \$25,000           |
| •   | Replace Clocks with Wireless                                |                       | 1 LS     | \$15,000.00  | \$15,000           |
| <b>Cat. 14 General Building Improvements</b>          |   |                       |          |              |                    |
| ‡   | HVAC Replacement-Building D (1 Replaced)                    |                       | 1 LS     |              | TBD                |
| <b>Cat. 15 Outdoor Athletic Facilities</b>            |   |                       |          |              |                    |
| ‡   | New Baseball Field  |                       | 1 LS     | \$888,000.00 | \$888,000          |
| <b>Cat. 16 General Site Improvements</b>              |   |                       |          |              |                    |
| ‡   | Concrete Repair-Curb by Gym                                 |                       | 1 LS     | \$13,000.00  | \$13,000           |
| <b>Cat. 17 Furniture, Furnishings &amp; Equipment</b> |   |                       |          |              |                    |
| ‡   | Classroom FF&E  |                       | 1 LS     | \$35,000.00  | \$35,000           |
| <b>Phase I Construction Cost</b>                      |   |                       |          |              | <b>\$1,109,000</b> |

# Piedmont Hills High School

## Measure G Probable Construction Cost



| Project                                    | Project Detail                                 | Construction Category | Quantity  | Unit Cost    | Construction Cost  |
|--|--|-----------------------|-----------|--------------|--------------------|
| <b>Phase II:</b>                           |  |                       |           |              |                    |
| <b>Cat. 1 Mandatory Code Compliance</b>    |  |                       |           |              |                    |
| x  | Upgrade Fire Alarm                             |                       | 1 LS      | \$432,396.00 | <b>\$432,396</b>   |
| <b>Cat. 4 Health</b>                       |  |                       |           |              |                    |
| <b>Restroom Modernizations</b>             |  |                       |           |              |                    |
| <u>Building A - Administration</u>         |  |                       |           |              |                    |
| x  | Staff (A-26 & A-27)                            | Modern. (level 2)     | 195 SF    | \$87.10      | \$16,985           |
| x  | Student (A-33)                                 | Modern. (level 2)     | 29 SF     | \$87.10      | \$2,526            |
| <b>Sub-total Restroom Modernizations</b>   |  |                       |           |              | <b>\$19,510</b>    |
| <b>Locker Room Improvement</b>             |  |                       |           |              |                    |
| <u>Building J - Boys</u>                   |  |                       |           |              |                    |
| •  | Locker Room (J-01, J-12 & J-14)                | Modern. (level 1)     | 3,780 SF  | \$82.60      | \$312,228          |
| •  | Showers (J-04) ADA Accessibility               | Modern. (level 2)     | 468 SF    | \$144.26     | \$67,514           |
| x  | Restrooms (J-06 & J-13)                        | Modern. (level 2)     | 326 SF    | \$87.10      | \$28,395           |
| •  | Athletic Staff Locker Room (J-10)              | Modern. (level 2)     | 192 SF    | \$144.26     | \$27,698           |
| <u>Building H - Girls</u>                  |  |                       |           |              |                    |
| •  | Locker Room (H-01)                             | Modern. (level 1)     | 2,882 SF  | \$82.60      | \$238,053          |
| •  | Showers (H-16) ADA Accessibility               | Modern. (level 2)     | 351 SF    | \$144.26     | \$50,635           |
| x  | Restrooms (H-03 & H-17)                        | Modern. (level 2)     | 308 SF    | \$87.10      | \$26,827           |
| •  | Athletic Staff Locker Room (H-07)              | Modern. (level 2)     | 162 SF    | \$144.26     | \$23,370           |
| <b>Sub-total</b>                           |  |                       |           |              | <b>\$774,720</b>   |
| <b>Total Health</b>                        |  |                       |           |              | <b>\$794,230</b>   |
| <b>Cat. 5 Security</b>                     |  |                       |           |              |                    |
| <b>Site Fencing</b>                        |  |                       |           |              |                    |
| x  | South Prop. Line at Parking Lot - 8' HT. C. L. | Reconstruction        | 1,245 LF  | \$28.00      | \$34,860           |
| x  | West Property Line - 8' HT. Chain Link         | Reconstruction        | 885 LF    | \$28.00      | \$24,780           |
| <b>Sub-total</b>                           |  |                       |           |              | <b>\$59,640</b>    |
| <b>Cat. 6 Teaching Stations</b>            |  |                       |           |              |                    |
| x  | Building E                                     | Modern. (level 2)     | 34,390 SF |              | <b>\$3,000,000</b> |
| x  | Building D                                     | Modern. (level 2)     | 25,848 SF |              | <b>\$2,500,000</b> |
| x  | Building C                                     | Modern. (level 2)     | 6,849 SF  |              | <b>\$1,000,000</b> |
| <b>Cat. 12 Nutrition Services</b>          |  |                       |           |              |                    |
| ‡  | Upgrade Food Service POS Network               |                       | 1 LS      | \$15,000.00  | <b>\$15,000</b>    |
| <b>Cat. 15 Outdoor Athletic Facilities</b> |  |                       |           |              |                    |
| ‡  | All-Weather Track                              | Reconstruction        | 1 LS      | \$630,000.00 | <b>\$630,000</b>   |
| ‡  | All-Weather Field                              | Reconstruction        | 1 LS      | \$900,000.00 | <b>\$900,000</b>   |
| <b>Cat. 16 General Site Improvements</b>   |  |                       |           |              |                    |
| x  | Landscaping Along Piedmont Road                |                       |           |              |                    |
|  | Remove Dying Trees & Replace Planting          | Reconstruction        | 1 LS      | \$50,000.00  | <b>\$50,000</b>    |

# Piedmont Hills High School

## Measure G Probable Construction Cost



| Project | Project Detail | Construction Category | Quantity | Unit Cost | Construction Cost                                       |
|---------|----------------|-----------------------|----------|-----------|---|
|         |                |                       |          |           | Phase II \$9,381,266                                    |
|         |                |                       |          |           | Design Contingency @ 15% \$1,407,190                    |
|         |                |                       |          |           | Cost Escalation 1 Years @ 4% \$431,538                  |
|         |                |                       |          |           | <b>Phase II Probable Construction Cost \$11,219,994</b> |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

#### Off- Site Developments

Not applicable

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## On-Site Developments

Includes ADA Compliance, Parking Lot Resurface at Removed Relocatables, Landscape and Irrigation at Removed Relocatables, and Pool Modernization to Increase Depth

| Category   | Project Detail                                     | Construction Category | Quantity | Unit Cost    | Construction Cost |
|--|--|-----------------------|----------|--------------|-------------------|
| <b>Cat. 1 Mandatory Code Compliance</b>  |  |                       |          |              |                   |
| ▲  | ADA Compliance for Site Accessibility              | Reconstruction        | 1 LS     | \$610,681.00 | \$610,681         |
| ▲  | * Allowance for Hazardous Material Abatement       |                       | 1 LS     | \$111,100.00 | \$111,100         |
| <b>Cat. 2 Recommended Safety Improvements</b>  |  |                       |          |              |                   |
| ◇  | Pool Modernizations to Increase Depth              | Reconstruction        | 1 LS     | \$596,000.00 | \$596,000         |
| <b>Cat. 5 Security</b>   |  |                       |          |              |                   |
| ×  | Security Surveillance Cameras & DVR                | Reconstruction        | 1 LS     | \$30,000.00  | \$30,000          |
| ×  | Security Exterior Lighting                         | Reconstruction        | 1 LS     | \$100,000.00 | \$100,000         |
|  | <b>Door Hardware Modernizations</b>                |                       |          |              |                   |
| •  | Re-Key all locks                                   | Modern. (level 1)     | 1 LS     | \$50,000.00  | \$50,000          |
| <b>Cat. 7 Interim Housing</b>  |  |                       |          |              |                   |
| ◇  | Interim Housing (8) Relocatables                   | New Constuction       | 1 LS     | \$80,000.00  | \$80,000          |
| <b>Cat. 9 Utilities Infrastructure</b>   |  |                       |          |              |                   |
| <b>Existing Construction Utility Improvements</b>                                      |  |                       |          |              |                   |
| Fire Service Water   |  |                       |          |              |                   |
| New fire hydrants, valves and associated piping for renovations throughout the campus. |  |                       |          |              |                   |
|  | 6" PVC water line                                  |                       | 1,950 LF | \$45.00      | \$87,750          |
|  | 6" DCDA with PIV & FDC                             |                       | 1 EA     | \$1,200.00   | \$1,200           |
|  | Fire hydrant                                       |                       | 8 EA     | \$750.00     | \$6,000           |
|  | Connection to existing main line                   |                       | 1 EA     | \$800.00     | \$800             |
| <b>New Construction Utility Improvements</b>   |  |                       |          |              |                   |
| ◇  | Electrical (Replace Incoming and substation 1 & 2) |                       | 1 LS     | \$170,000.00 | \$170,000         |
| Gas  |  |                       |          |              |                   |
| New connection and piping to serve one new building with classrooms, toilets and labs. |  |                       |          |              |                   |
|  | 2" PVC gas line                                    |                       | 380 LF   | \$35.00      | \$13,300          |
| Domestic Water   |  |                       |          |              |                   |
| New valves and piping to serve one new building with classrooms, toilets and labs.     |  |                       |          |              |                   |
|  | 4" PVC water line                                  |                       | 470 LF   | \$40.00      | \$18,800          |
|  | 4" gate valve                                      |                       | 2 EA     | \$250.00     | \$500             |
|  | Water connection to existing main line             |                       | 1 EA     | \$800.00     | \$800             |
| Fire Service Water   |  |                       |          |              |                   |
| New PIV and piping to serve one new building with classrooms, toilets and labs.        |  |                       |          |              |                   |
|  | 6" PVC water line                                  |                       | 10 LF    | \$45.00      | \$450             |
|  | PIV  |                       | 1 EA     | \$400.00     | \$400             |
| Sanitary Sewer   |  |                       |          |              |                   |



# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

New cleanout and service line to serve one new building with classrooms, toilets and labs.

|                                      |        |          |                |
|--------------------------------------|--------|----------|----------------|
| 6" PVC sewer pipe                    | 220 LF | \$42.00  | <b>\$9,240</b> |
| 6" sanitary sewer cleanout           | 2 EA   | \$450.00 | <b>\$900</b>   |
| Wye connection to existing main line | 1 EA   | \$500.00 | <b>\$500</b>   |

### Cat. 10 Technology

|  |                   |      |              |                  |
|--|-------------------|------|--------------|------------------|
| x Technology Infrastructure                | Modern. (level 2) | 1 LS | \$250,000.00 | <b>\$250,000</b> |
| x Data Network/Wireless Networking         | Modern. (level 2) | 1 LS | \$365,000.00 | <b>\$365,000</b> |
| x Educational Technology End-use Equipment | Modern. (level 2) | 1 LS | \$100,000.00 | <b>\$100,000</b> |

### Cat. 16 General Site Improvements (at Removed Relocatables Only)

|  |                   |           |             |                 |
|--|-------------------|-----------|-------------|-----------------|
| • Parking Lots Improvements            | Modern. (level 1) | 10,000 SF | \$5.00      | <b>\$50,000</b> |
| x Landscape & Irrigation Modernization | Reconstruction    | 1 LS      | \$46,525.00 | <b>\$46,525</b> |

### Sub-Total Probable Construction Cost:

**\$2,699,946**

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## Building A-1 (Administration)

Existing Area: 5,938 SF.

| Category  | Project Detail                           | Construction Category | Quantity | Unit Cost   | Construction Cost |
|---|--|-----------------------|----------|-------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b> |  |                       |          |             |                   |
| ◇   | Roofing Modernizations                   | Modern. (level 2)     | 5,938 SF | \$5.75      | <b>\$34,144</b>   |
| ◇   | Exterior Finishes Modernizations         |                       |          |             |                   |
|   | Patch/Repair Exterior Wood Siding        | Modern. (level 1)     | 1 LS     | \$10,000.00 | <b>\$10,000</b>   |
| <b>Cat. 10 Technology</b>                       |  |                       |          |             |                   |
| ×   | Educational Technology End-use Equipment | Modern. (level 2)     | 1 LS     | \$9,000.00  | <b>\$9,000</b>    |
| <b>Cat. 14 General Building Improvements</b>    |  |                       |          |             |                   |
| ◇   | Electrical Distribution Modernization    |                       |          |             |                   |
|   | Receptacles and Wiring                   | Modern. (level 2)     | 5,938 SF | \$0.38      | <b>\$2,256</b>    |
| <b>Sub-Total Probable Construction Cost:</b>    |  |                       |          |             | <b>\$55,400</b>   |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## Building A-2 (Student Services)

Existing Area: 1,469 SF.

| Category  | Project Detail                           | Construction Category | Quantity | Unit Cost   | Construction Cost |
|---|--|-----------------------|----------|-------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b> |  |                       |          |             |                   |
| ◇   | Roofing Modernizations                   | Modern. (level 2)     | 1,469 SF | \$5.75      | <b>\$8,447</b>    |
| ◇   | Exterior Finishes Modernizations         |                       |          |             |                   |
|   | Patch/Repair Exterior Wood Siding        | Modern. (level 1)     | 1 LS     | \$10,000.00 | <b>\$10,000</b>   |
| <b>Cat. 10 Technology</b>                       |  |                       |          |             |                   |
| ×   | Educational Technology End-use Equipment | Modern. (level 2)     | 1 LS     | \$9,000.00  | <b>\$9,000</b>    |
| <b>Cat. 14 General Building Improvements</b>    |  |                       |          |             |                   |
| ◇   | Electrical Distribution Modernization    |                       |          |             |                   |
|   | Receptacles and Wiring                   | Modern. (level 2)     | 1,469 SF | \$0.38      | <b>\$558</b>      |
| <b>Sub-Total Probable Construction Cost:</b>    |  |                       |          |             | <b>\$28,005</b>   |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

#### Building B (Art Labs)

Existing Area: 9,622 SF. Existing program includes a Home Economics Lab, a Home Economics Classroom, a Fashion Lab, (3) Art Labs, and a Photo Lab.

| Category   | Project Detail                                  | Construction Category | Quantity  | Unit Cost   | Construction Cost |
|--|---|-----------------------|-----------|-------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b>                  |   |                       |           |             |                   |
| ◇  | <b>Exterior Finishes Modernizations</b>         |                       |           |             |                   |
|  | Patch/Repair Exterior Wood Siding               | Modern. (level 1)     | 1 LS      | \$10,000.00 | <b>\$10,000</b>   |
| <b>Cat. 6 Teaching Stations</b>                                  |   |                       |           |             |                   |
| <b>Classrooms/Labs Modernization/Reconstruction</b>              |   |                       |           |             |                   |
| ×  | Art Labs, Home Ec. Lab, Fashion Lab             | Modern. (level 1)     | 9,529 SF  | \$47.90     | <b>\$456,439</b>  |
| <b>New Construction for Enlargement of Undersized Classrooms</b> |   |                       |           |             |                   |
| ◇  | Darkroom Addition to Photo Lab                  | New Construction      | 425 SF    | \$183.10    | <b>\$77,818</b>   |
| <b>Cat. 10 Technology</b>  |   |                       |           |             |                   |
| ×  | <b>Educational Technology End-use Equipment</b> | Modern. (level 2)     | 1 LS      | \$90,000.00 | <b>\$90,000</b>   |
| <b>Cat. 14 General Building Improvements</b>                     |   |                       |           |             |                   |
| ◇  | <b>HVAC System Modernization</b>                |                       |           |             |                   |
|  | Provide Min Amount Of Outside Air               | Modern. (level 1)     | 1 LS      | \$1,200.00  | <b>\$1,200</b>    |
|  | Provide Equipment Attachment To Roof            | Modern. (level 1)     | 1 LS      | \$7,000.00  | <b>\$7,000</b>    |
| ◇  | <b>Electrical Distribution Modernization</b>    |                       |           |             |                   |
|  | Receptacles and Wiring                          | Modern. (level 2)     | 9,529 SF  | \$0.38      | <b>\$3,621</b>    |
| ×  | <b>Paint @ Exterior</b>                         | Modern. (level 1)     | 12,120 SF | \$1.25      | <b>\$15,150</b>   |
| <b>Sub-Total Probable Construction Cost:</b>                     |   |                       |           |             | <b>\$661,228</b>  |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

### Building C-1 (Classrooms)

Existing Area: 3,248 SF. Existing program includes (2) classrooms and (2) special ed classrooms. Proposed program includes (2) classrooms and (2) RSP rooms.

| Category                                     | Construction Category | Quantity | Unit Cost   | Construction Cost |
|--|-----------------------|----------|-------------|-------------------|
| <b>Cat. 6 Teaching Stations</b>              |                       |          |             |                   |
| Classrooms/Labs Modernization/Reconstruction |                       |          |             |                   |
| Special Education                            | Included in Phase II  | 2,648 SF |             | NA                |
| <b>Cat. 10 Technology</b>                    |                       |          |             |                   |
| * Educational Technology End-use Equipment   | Modern. (level 2)     | 1 LS     | \$54,000.00 | \$54,000          |
| <b>Sub-Total Probable Construction Cost:</b> |                       |          |             | <b>\$54,000</b>   |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## Building C-2 (Nutrition Services)

Existing Area: 1,806 SF.

| Category  | Project Detail                                  | Construction Category | Quantity | Unit Cost   | Construction Cost |
|---|---|-----------------------|----------|-------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b> |   |                       |          |             |                   |
| ◇   | <b>Exterior Finishes Modernizations</b>         |                       |          |             |                   |
|   | Patch/Repair Exterior Wood Siding               | Modern. (level 1)     | 1 LS     | \$10,000.00 | <b>\$10,000</b>   |
| <b>Cat. 4 Health</b>                            |   |                       |          |             |                   |
|   | <b>Restroom Modernizations</b>                  |                       |          |             |                   |
| ×   | Staff (C-15.1)                                  | Modern. (level 2)     | 45 SF    | \$87.10     | <b>\$3,920</b>    |
| <b>Cat. 10 Technology</b>                       |   |                       |          |             |                   |
| ×   | <b>Educational Technology End-use Equipment</b> | Modern. (level 2)     | 1 LS     | \$9,000.00  | <b>\$9,000</b>    |
| <b>Cat. 12 Nutrition Services</b>               |   |                       |          |             |                   |
| ◇   | <b>Nutrition Services</b>                       | Modern. (level 1)     | 1,806 SF | \$86.64     | <b>\$156,472</b>  |
| <b>Cat. 14 General Building Improvements</b>    |   |                       |          |             |                   |
|   | <b>Plumbing System Modernization</b>            | Modern. (level 1)     | 1 LS     | \$15,000.00 | <b>\$15,000</b>   |
| ◇   | <b>Electrical Distribution Modernization</b>    |                       |          |             |                   |
|   | Receptacles and Wiring                          | Modern. (level 2)     | 1,806 SF | \$0.38      | <b>\$686</b>      |
| ×   | <b>Paint @ Exterior</b>                         | Modern. (level 1)     | 2,910 SF | \$1.25      | <b>\$3,638</b>    |
| <b>Sub-Total Probable Construction Cost:</b>    |   |                       |          |             | <b>\$198,715</b>  |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

### Building C (Relocatables)

Existing Area: 1,920 SF. Existing program includes (2) classrooms to be demolished.

| Category                                     | Project Detail                        | Construction Category | Quantity | Unit Cost  | Construction Cost |
|--|---------------------------------------|-----------------------|----------|------------|-------------------|
| <b>Cat. 8 Demolition</b>                     |                                       |                       |          |            |                   |
| ×  | <b>Relocatable Demolition/Removal</b> |                       |          |            |                   |
|  | Buildings C-05, C-06                  |                       | 2 EA     | \$3,000.00 | <b>\$6,000</b>    |
| ◇  | <b>Site Demolition</b>                |                       | 2 EA     | \$2,000.00 | <b>\$4,000</b>    |
| <b>Sub-Total Probable Construction Cost:</b> |                                       |                       |          |            | <b>\$10,000</b>   |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## Building D (Classrooms and Science Labs)

Existing Area: 19,556 SF.

| Category                                     | Project Detail                               | Construction Category | Quantity  | Unit Cost    | Construction Cost |
|--|--|-----------------------|-----------|--------------|-------------------|
| <b>Cat. 6 Teaching Stations</b>              |  |                       |           |              |                   |
|  | Classrooms/Labs Modernization/Reconstruction |                       |           |              |                   |
|  | Classrooms                                   | Phase II              | 19,556 SF |              | NA                |
| <b>Cat. 10 Technology</b>                    |  |                       |           |              |                   |
| *  | Educational Technology End-use Equipment     | Modern. (level 2)     | 1 LS      | \$171,000.00 | \$171,000         |
| <b>Sub-Total Probable Construction Cost:</b> |  |                       |           |              | <b>\$171,000</b>  |



# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

### Building D (Relocatables)

Existing Area: 6,292 SF. Existing program includes (2) science labs, a prep lab, and (2) classrooms to be demolished.

| Category                                     | Project Detail                         | Construction Category | Quantity | Unit Cost  | Construction Cost |
|--|--|-----------------------|----------|------------|-------------------|
| <b>Cat. 8 Demolition</b>                     |  |                       |          |            |                   |
| ×  | <b>Relocatable Demolition/Removal</b>  |                       |          |            |                   |
|  | Buildings D-26, D-28, D-29, D-30, D-31 |                       | 5 EA     | \$3,000.00 | <b>\$15,000</b>   |
| ◇  | <b>Site Demolition</b>                 |                       | 5 EA     | \$2,000.00 | <b>\$10,000</b>   |
| <b>Sub-Total Probable Construction Cost:</b> |  |                       |          |            | <b>\$25,000</b>   |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## Building E (Classrooms and Library)

Existing Area: 34,390 SF.

| Category  | Project Detail   | Construction Category | Quantity  | Unit Cost   | Construction Cost |
|---|--|-----------------------|-----------|-------------|-------------------|
| <b>Cat. 2 Recommended Safety Improvements</b>   |  |                       |           |             |                   |
| ◇   | <b>Seismic Upgrades</b>  |                       |           |             |                   |
|   | Library Windows  |                       | 7,549 SF  | \$30.00     | \$226,470         |
|   | Repair finishes  |                       | 7,549 SF  | \$5.00      | \$37,745          |
| <b>Cat. 3 Recommended Building Improvements</b> |  |                       |           |             |                   |
| ◇   | <b>Roofing Modernizations</b>                                  |                       |           |             |                   |
|   | Library  | Modern. (level 2)     | 7,549 SF  | \$5.75      | \$43,407          |
| ◇   | <b>Exterior Finishes Modernizations</b>                        |                       |           |             |                   |
|   | Library - Patch/Repair Exterior Wood Siding                    | Modern. (level 1)     | 1 LS      | \$10,000.00 | \$10,000          |
| <b>Cat. 4 Health</b>                            |  |                       |           |             |                   |
|   | <b>Restroom Modernizations</b>                                 |                       |           |             |                   |
|   | Staff (E-20 & E-20.1)  | Included in Phase II  | 397 SF    |             | NA                |
|   | Student (E-29.1, E-29.2, E-35 & E-36)                          | Included in Phase II  | 1690 SF   |             | NA                |
| <b>Cat. 6 Teaching Stations</b>                 |  |                       |           |             |                   |
|   | <b>Classrooms/Labs Modernization/Reconstruction</b>            |                       |           |             |                   |
|   | Science Labs & Classrooms<br>(not including Library - 7549 SF) | Included in Phase II  | 26,841 SF |             | NA                |
| <b>Cat. 10 Technology</b>                       |  |                       |           |             |                   |
| ×   | <b>Educational Technology End-use Equipment</b>                | Modern. (level 2)     | 1 LS      | \$90,000.00 | \$90,000          |
| <b>Cat. 14 General Building Improvements</b>    |  |                       |           |             |                   |
| ×   | <b>Paint @ Exterior</b>  |                       |           |             |                   |
|   | Library  | Modern. (level 1)     | 5,640 SF  | \$1.25      | \$7,050           |
| <b>Sub-Total Probable Construction Cost:</b>    |  |                       |           |             | <b>\$414,672</b>  |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## Building F (Classrooms)

Existing Area: 24,817 SF.

| Category                                     | Project Detail                           | Construction Category | Quantity | Unit Cost    | Construction Cost |
|--|--|-----------------------|----------|--------------|-------------------|
| Cat. 10 Technology                           |  |                       |          |              |                   |
| ×  | Educational Technology End-use Equipment | Modern. (level 2)     | 1 LS     | \$300,000.00 | \$300,000         |
| <b>Sub-Total Probable Construction Cost:</b> |  |                       |          |              | <b>\$300,000</b>  |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

### Building G (Music Labs)

Existing Area: 5,894 SF. Existing program includes a Drama Lab, a Keyboard Lab, and a Band Lab. Proposed program is unchanged.

| Category   | Project Detail                               | Construction Category | Quantity | Unit Cost   | Construction Cost |
|--|--|-----------------------|----------|-------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b>                  |  |                       |          |             |                   |
| ◇  | <b>Exterior Finishes Modernizations</b>      |                       |          |             |                   |
|  | Patch/Repair Exterior Wood Siding            | Modern. (level 1)     | 1 LS     | \$10,000.00 | <b>\$10,000</b>   |
| <b>Cat. 6 Teaching Stations</b>                                  |  |                       |          |             |                   |
| <b>Classrooms/Labs Modernization/Reconstruction</b>              |  |                       |          |             |                   |
| ×  | Music Labs                                   | Modern. (level 1)     | 5,699 SF | \$44.38     | <b>\$252,922</b>  |
| <b>New Construction for Enlargement of Undersized Classrooms</b> |  |                       |          |             |                   |
| ◇  | Addition to Keyboard Lab                     | New Construction      | 326 SF   | \$189.54    | <b>\$61,790</b>   |
| <b>Cat. 10 Technology</b>  |  |                       |          |             |                   |
| ×  | Educational Technology End-use Equipment     | Modern. (level 2)     | 1 LS     | \$54,000.00 | <b>\$54,000</b>   |
| <b>Cat. 14 General Building Improvements</b>                     |  |                       |          |             |                   |
| ◇  | <b>Electrical Distribution Modernization</b> |                       |          |             |                   |
|  | Receptacles and Wiring                       | Modern. (level 2)     | 5,699 SF | \$0.38      | <b>\$2,166</b>    |
| ×  | Paint @ Exterior                             | Modern. (level 1)     | 5,280 SF | \$1.25      | <b>\$6,600</b>    |
| <b>Sub-Total Probable Construction Cost:</b>                     |  |                       |          |             | <b>\$387,477</b>  |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## Building H (Girls' Locker Room)

Existing Area: 10,340 SF.

| Category  | Project Detail                               | Construction Category | Quantity  | Unit Cost   | Construction Cost |
|---|--|-----------------------|-----------|-------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b> |  |                       |           |             |                   |
| ◇   | <b>Exterior Finishes Modernizations</b>      |                       |           |             |                   |
|   | Patch/Repair Exterior Wood Siding            | Modern. (level 1)     | 1 LS      | \$10,000.00 | \$10,000          |
| <b>Cat. 4 Health</b>                            |  |                       |           |             |                   |
|   | <b>Locker Room Improvements</b>              |                       |           |             |                   |
| ×   | Staff (H-20)                                 | Included in Phase II  | 79 SF     |             | NA                |
|   | Showers (H-16)                               | Included in Phase II  | 351 SF    |             | NA                |
|   | Lockers (H-01)                               | Included in Phase II  | 2882 SF   |             | NA                |
| <b>Cat. 14 General Building Improvements</b>    |  |                       |           |             |                   |
| ◇   | <b>Electrical Distribution Modernization</b> |                       |           |             |                   |
|   | Receptacles and Wiring                       | Modern. (level 2)     | 10,340 SF | \$0.38      | \$3,929           |
| ×   | <b>Paint @ Exterior</b>                      | Modern. (level 1)     | 7,170 SF  | \$1.25      | \$8,963           |
| <b>Sub-Total Probable Construction Cost:</b>    |  |                       |           |             | <b>\$22,892</b>   |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## Building I (Gymnasium)

Existing Area: 13,947 SF.

| Category  | Project Detail                               | Construction Category | Quantity  | Unit Cost   | Construction Cost |
|---|--|-----------------------|-----------|-------------|-------------------|
| <b>Cat. 2 Recommended Safety Improvements</b>   |  |                       |           |             |                   |
| ◇   | <b>Seismic Upgrades</b>                      |                       |           |             |                   |
|   | Strengthen roof diaphragm                    |                       | 13,947 LF | \$15.00     | \$209,205         |
|   | Repair finishes                              |                       | 13,947 SF | \$5.00      | \$69,735          |
| <b>Cat. 3 Recommended Building Improvements</b> |  |                       |           |             |                   |
| ◇   | <b>Exterior Finishes Modernizations</b>      |                       |           |             |                   |
|   | Patch/Repair Exterior Wood Siding            | Modern. (level 1)     | 1 LS      | \$10,000.00 | \$10,000          |
| <b>Cat. 14 General Building Improvements</b>    |  |                       |           |             |                   |
| ◇   | <b>Electrical Distribution Modernization</b> |                       |           |             |                   |
|   | Receptacles and Wiring                       | Modern. (level 2)     | 13,947 SF | \$0.38      | \$5,300           |
| ×   | <b>Paint @ Exterior</b>                      | Modern. (level 1)     | 9,440 SF  | \$1.25      | \$11,800          |
| <b>Sub-Total Probable Construction Cost:</b>    |  |                       |           |             | <b>\$306,040</b>  |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## Building J (Boys' Locker Room)

Existing Area: 8,465 SF.

| Category  | Project Detail                               | Construction Category | Quantity | Unit Cost   | Construction Cost |
|---|--|-----------------------|----------|-------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b> |  |                       |          |             |                   |
| ◇   | <b>Exterior Finishes Modernizations</b>      |                       |          |             |                   |
|   | Patch/Repair Exterior Wood Siding            | Modern. (level 1)     | 1 LS     | \$10,000.00 | \$10,000          |
| <b>Cat. 4 Health</b>                            |  |                       |          |             |                   |
| <b>Locker Room Improvements</b>                 |  |                       |          |             |                   |
| ×   | Staff (J-10)                                 | Included in Phase II  | 192 SF   |             | NA                |
|   | Showers (J-04)                               | Included in Phase II  | 468 SF   |             | NA                |
|   | Showers (J-13)                               | Included in Phase II  | 266 SF   |             | NA                |
|   | Lockers (J-01)                               | Included in Phase II  | 2900 SF  |             | NA                |
| <b>Cat. 14 General Building Improvements</b>    |  |                       |          |             |                   |
| ◇   | <b>Electrical Distribution Modernization</b> |                       |          |             |                   |
|   | Receptacles and Wiring                       | Modern. (level 2)     | 8,465 SF | \$0.38      | \$3,217           |
| ×   | <b>Paint @ Exterior</b>                      | Modern. (level 1)     | 6,300 SF | \$1.25      | \$7,875           |
| <b>Sub-Total Probable Construction Cost:</b>    |  |                       |          |             | <b>\$21,092</b>   |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## Building K (Woodshop, Classrooms, and Science Labs)

Existing Area: 9,486 SF. Existing program includes a Woodshop, a general Classroom, a Computer Lab, and (2) Science Labs. Modernization has recently been completed in (2) science labs.

| Category  | Project Detail                                      | Construction Category | Quantity | Unit Cost   | Construction Cost |
|---|---|-----------------------|----------|-------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b> |   |                       |          |             |                   |
| ◇   | <b>Exterior Finishes Modernizations</b>             |                       |          |             |                   |
|   | Patch/Repair Exterior Wood Siding                   | Modern. (level 1)     | 1 LS     | \$10,000.00 | <b>\$10,000</b>   |
| <b>Cat. 6 Teaching Stations</b>                 |   |                       |          |             |                   |
|   | <b>Classrooms/Labs Modernization/Reconstruction</b> |                       |          |             |                   |
| *   | Classroom   | Modern. (level 1)     | 1,332 SF | \$37.69     | <b>\$50,203</b>   |
| *   | Computer Lab  | Modern. (level 1)     | 1,636 SF | \$50.49     | <b>\$82,602</b>   |
| *   | Woodshop  | Modern. (level 1)     | 2,173 SF | \$47.90     | <b>\$104,087</b>  |
| <b>Cat. 10 Technology</b>                       |   |                       |          |             |                   |
| *   | <b>Educational Technology End-use Equipment</b>     | Modern. (level 2)     | 1 LS     | \$63,000.00 | <b>\$63,000</b>   |
| <b>Cat. 14 General Building Improvements</b>    |   |                       |          |             |                   |
| ◇   | <b>HVAC System Modernization</b>                    |                       |          |             |                   |
|   | Provide New Rooftop Packaged Gas/Electric Units     | Modern. (level 2)     | 2 EA     | \$14,500.00 | <b>\$29,000</b>   |
| ◇   | <b>Electrical Distribution Modernization</b>        |                       |          |             |                   |
|   | Receptacles and Wiring                              | Modern. (level 2)     | 9,486 SF | \$0.38      | <b>\$3,605</b>    |
| *   | <b>Paint @ Exterior</b>                             | Modern. (level 1)     | 6,960 SF | \$1.25      | <b>\$8,700</b>    |
| <b>Sub-Total Probable Construction Cost:</b>    |   |                       |          |             | <b>\$351,196</b>  |



# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

#### **Building L (Auditorium)**

Modernization has been completed

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## Building P (Relocatables)

Existing Area: 9,600 SF.

| Category                                     | Project Detail                        | Construction Category | Quantity | Unit Cost  | Construction Cost |
|--|---------------------------------------|-----------------------|----------|------------|-------------------|
| <b>Cat. 8 Demolition</b>                     |                                       |                       |          |            |                   |
| ×  | <b>Relocatable Demolition/Removal</b> |                       |          |            |                   |
|  | Buildings P-01 - P-10                 |                       | 10 EA    | \$3,000.00 | <b>\$30,000</b>   |
| ◇  | <b>Site Demolition</b>                |                       | 10 EA    | \$2,000.00 | <b>\$20,000</b>   |
| <b>Sub-Total Probable Construction Cost:</b> |                                       |                       |          |            | <b>\$50,000</b>   |

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## New Construction of Classrooms and Science Labs

Proposed Area: 9,630 SF. Proposed program includes (6) general classrooms, (2) science labs with shared prep room, and (2) toilet rooms.

| Category                        | Project Detail   | Construction Category | Quantity | Unit Cost   | Construction Cost |
|---------------------------------|--|-----------------------|----------|-------------|-------------------|
| <b>Cat. 4 Health</b>            |  |                       |          |             |                   |
|                                 | Restroom New Construction                                  | New Construction      | 870 SF   | \$200.32    | \$174,278         |
| <b>Cat. 6 Teaching Stations</b> |  |                       |          |             |                   |
|                                 | New Construction for Classroom/Lab to Replace Relocatables |                       |          |             |                   |
| x                               | (6) Classrooms   | New Construction      | 5,760 SF | \$175.00    | \$1,008,000       |
| x                               | (2) Science Labs with Prep Room                            | New Construction      | 3,000 SF | \$245.79    | \$737,370         |
| <b>Cat. 10 Technology</b>       |  |                       |          |             |                   |
| x                               | Educational Technology End-use Equipment                   | Modern. (level 2)     | 1 LS     | \$45,000.00 | \$45,000          |

### Sub-Total Probable Construction Cost:

**\$1,964,648**

## New Construction For Special Education

Proposed Area: 5,480 SF. Proposed area includes (5) Special Ed. Classrooms, an RSP room, and a toilet room

| Category                        | Project Detail   | Construction Category | Quantity | Unit Cost   | Construction Cost |
|---------------------------------|--|-----------------------|----------|-------------|-------------------|
| <b>Cat. 4 Health</b>            |  |                       |          |             |                   |
|                                 | Restroom New Construction                                  | New Construction      | 200 SF   | \$200.32    | \$40,064          |
| <b>Cat. 6 Teaching Stations</b> |  |                       |          |             |                   |
|                                 | New Construction for Classroom/Lab to Replace Relocatables |                       |          |             |                   |
| x                               | (5) Classrooms   | New Construction      | 4,800 SF | \$175.00    | \$840,000         |
| <b>Cat. 10 Technology</b>       |  |                       |          |             |                   |
| x                               | Educational Technology End-use Equipment                   | Modern. (level 2)     | 1 LS     | \$45,000.00 | \$45,000          |
| <b>Cat. 11 Teaching Support</b> |  |                       |          |             |                   |
|                                 | RSP  | New Construction      | 480 SF   | \$175.00    | \$84,000          |

### Sub-Total Probable Construction Cost:

**\$1,009,064**

# Piedmont Hills High School

## Measure G Probable Construction Cost



### District Priority Projects (DPP):

## Furniture, Furnishings & Equipment

| Category  | Project Detail                           | Construction Category | Quantity | Unit Cost      | Construction Cost |
|---|--|-----------------------|----------|----------------|-------------------|
| <b>17. Furniture, Furnishings &amp; Equipment</b> |  |                       |          |                |                   |
|   | <b>New Classrooms and Science Labs</b>   |                       |          |                |                   |
| x   | 7% of New Construction                   | New Construction      | 7 %      | \$1,745,370.00 | <b>\$122,176</b>  |
|   | <b>New Special Ed Classrooms and RSP</b> |                       |          |                |                   |
| x   | 7% of New Construction                   | New Construction      | 7 %      | \$924,000.00   | <b>\$64,680</b>   |
|   | <b>Addition to Music Lab</b>             |                       |          |                |                   |
| x   | 7% of New Construction                   | New Construction      | 7 %      | \$61,790.04    | <b>\$4,325</b>    |
|   | <b>Addition to Photo Lab</b>             |                       |          |                |                   |
| x   | 7% of New Construction                   | New Construction      | 7 %      | \$77,817.50    | <b>\$5,447</b>    |
| <b>Sub-Total Probable FF&amp;E Cost:</b>          |  |                       |          |                | <b>\$196,628</b>  |

# Piedmont Hills High School

## Introduction to the Master Plan Full Scope



This **Master Plan Full Scope** for **Piedmont Hills High School** is provided as a recommendation to the District for the scope of work to be performed under the Measure G bond and future funding for campus improvements. It is a result of the synthesis of information provided by the District, the Campus Steering Committees and the Master Plan consulting team. Measure G, as presented to the voters, contained a Bond Project List which lists projects for each school across the District. The District developed an **Executive Summary** which is a “scope of work planning guide” for the modernization of each school, which lists projects and assigns a priority and base cost for each project. Understanding that the funds supplied under Measure G will not provide for the completion of every project need across the District, the **Master Plan Full Scope** proposal includes all current and future campus improvement projects as set forth by the District.

In January of 2004 an extensive campus analysis was completed by Perkins and Will and its consulting team and was submitted to the District as the **Preliminary Needs Assessment**. The information within this report provides a framework for the Master Plan Full Scope campus projects. The criteria for the proposal included those items listed in the **Bond Project List** and the **District Executive Summary** along with requirements of the **California Building Code, Department of the State Architect (DSA)** and the campus **Steering Committees**.

The proposal includes a **Master Plan Full Scope Diagram** that provides a graphical representation of the proposed scope of work. The **Full Scope Probable Construction Cost Summary** identifies the main project categories and associated costs including project contingency and escalation amounts. The **Full Scope Phase I & Phase II Probable Construction Cost** is an itemized description of those projects that are to be completed as part of the first two phases of the Master Plan. The **Full Scope Probable Construction Cost** is an itemized description of those projects that are to be completed as part of the third phase of the Master Plan. It includes detailed descriptions of the work to be performed at each existing building, new construction project and site development project along with the anticipated costs for each item.

# Piedmont Hills High School

## Master Plan Full Scope Summary

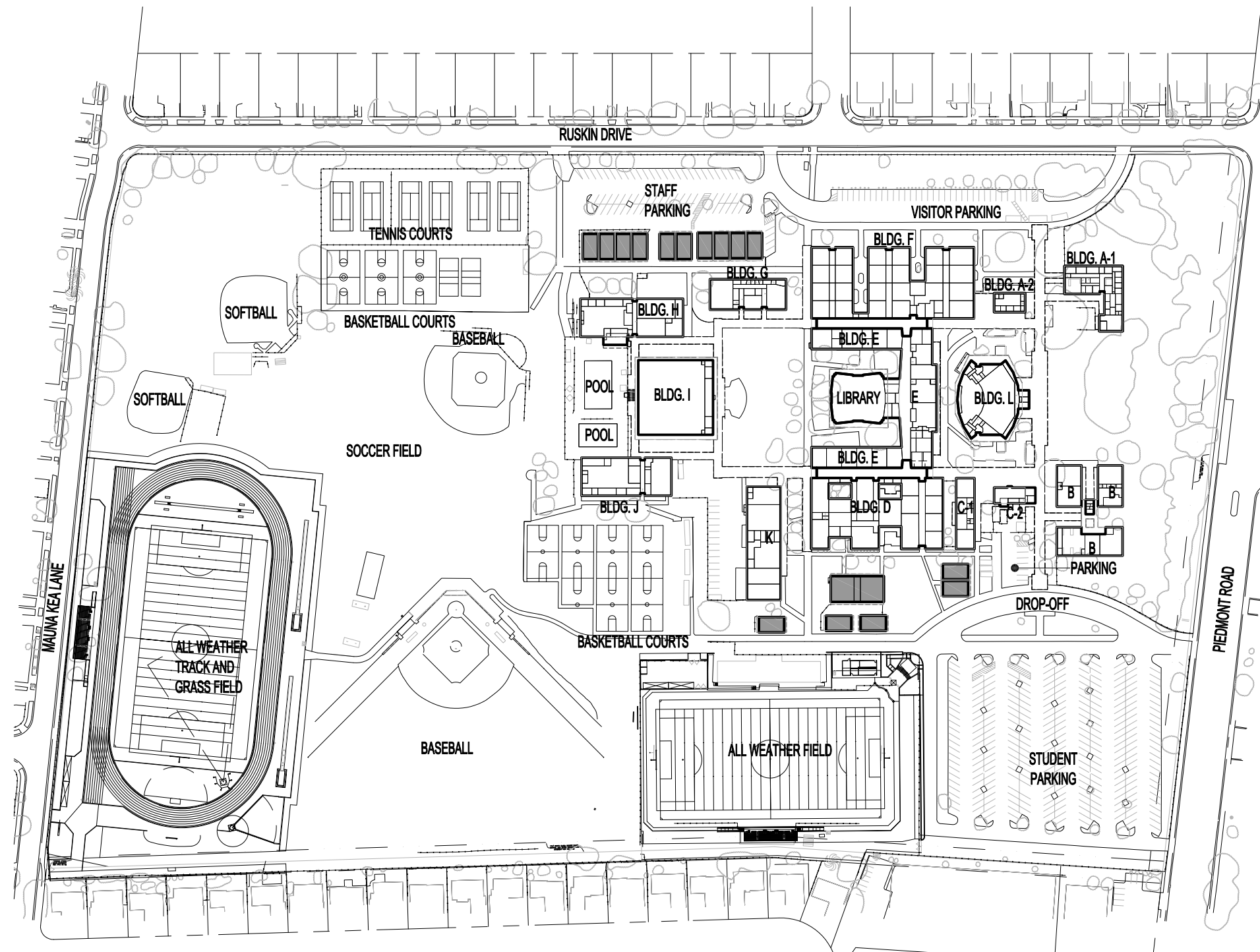
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### Master Plan Full Scope Project List:

- Site/Building Related Improvements
- ADA Accessible Path of Travel Improvements
- Seismic Upgrade of Existing Structures
- Pool Modernization
- Roofing Modernization
- New Restroom Construction
- Existing Restroom Modernization
- Locker Room Modernization
- Campus Security Upgrades
- New Classroom Construction
- New Science Lab Construction
- Existing Classroom and Lab Modernization
- Utility Infrastructure Upgrade
- Technology Infrastructure & Equipment Upgrade
- Existing Main Gym Modernization
- Existing Small Gym Modernization
- Existing Theater Modernization
- Existing Nutrition Services Modernization
- Building Systems Upgrade (HVAC, Plumbing, Electrical & Lighting)
- New All-weather Field
- New All-weather Track
- Sports Field & Irrigation Improvements
- Resurfacing of the Hard Courts
- Parking Lot Improvements
- Landscape & Irrigation Improvements
- New Covered Shelter Construction at Amphitheater
- Furnishings and Equipment

# Full Scope Demolition Plan



## Legend

- No Modernization Planned
- Modernization Completed
- Removal / Demolition
- Level 1 Modernization
- Level 2 Modernization
- Reconstruction
- New Construction
- Phase I or Phase II

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**Piedmont Hills  
High School  
Site Plan**

|            |                |
|------------|----------------|
| Date       | March 15, 2004 |
| Job Number | 73103.056      |
| Scale      | 1" = 200'      |
| Sheet      | PH-01          |

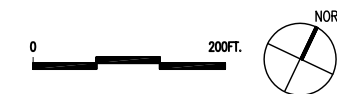
# Full Scope Diagram



## Legend

- No Modernization Planned
- Modernization Completed
- Removal / Demolition
- Level 1 Modernization
- Level 2 Modernization
- Reconstruction
- New Construction
- Phase I or Phase II

- 01 New Classroom Building and Student Learning Commons
- 02 New Student Toilet Rooms
- 03 New Science Labs
- 04 New Addition to Photo Lab
- 05 New Addition to Music Lab
- 06 New Small Gym
- 07 New Student Services Center
- 08 New Faculty Common Work Area
- 09 New Custodial Office
- 10 New Covered Amphitheater
- 11 New Special Ed Classroom Building and Toilet Room



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**Piedmont Hills  
High School  
Site Plan**

|            |                |
|------------|----------------|
| Date       | March 15, 2004 |
| Job Number | 73103.056      |
| Scale      | 1" = 200'      |
| Sheet      | PH-02          |



# Piedmont Hills High School

## Full Scope Teaching Station Summary



| Building                                 | General Classrooms |           | Science Labs |          | Other Labs |           | Special Education |          |
|--|--------------------|-----------|--------------|----------|------------|-----------|-------------------|----------|
|  | Existing           | Proposed  | Existing     | Proposed | Existing   | Proposed  | Existing          | Proposed |
| Building A-1 (Administration)            | -                  | -         | -            | -        | -          | -         | -                 | -        |
| Building A-2 (Student Services)          | -                  | -         | -            | -        | -          | -         | -                 | -        |
| Building B (Art Labs)                    | 1                  | 1         | -            | -        | 6          | 6         | -                 | -        |
| Building C-1 (Classrooms)                | 2                  | 2         | -            | -        | -          | -         | 2                 | 0        |
| Building C-2 (Nutrition Services)        | -                  | -         | -            | -        | -          | -         | -                 | -        |
| Building C (Relocatables)                | 2                  | 0         | -            | -        | -          | -         | -                 | -        |
| Building D (Classrooms and Science Labs) | 7                  | 7         | 6            | 6        | -          | -         | -                 | -        |
| Building D (Relocatables)                | 3                  | 0         | 2            | 0        | -          | -         | -                 | -        |
| Building E (Classrooms and Library)      | 11                 | 11        | -            | -        | -          | -         | -                 | -        |
| Building F (Classrooms)                  | 20                 | 20        | -            | -        | 2          | 2         | -                 | -        |
| Building G (Music Labs)                  | -                  | -         | -            | -        | 3          | 3         | -                 | -        |
| Building H (Girls' Locker Room)          | -                  | -         | -            | -        | -          | -         | -                 | -        |
| Building I (Gymnasium)                   | -                  | -         | -            | -        | -          | -         | -                 | -        |
| Building J (Boys' Locker Room)           | -                  | -         | -            | -        | -          | -         | -                 | -        |
| Building K (Wood Shop and Science Labs)  | 1                  | 1         | 2            | 2        | 2          | 2         | -                 | -        |
| Building L (Auditorium)                  | -                  | -         | -            | -        | 1          | 1         | -                 | -        |
| Building P (Relocatables)                | 4                  | 0         | -            | -        | -          | -         | -                 | -        |
| <b>Subtotals</b>                         | <b>51</b>          | <b>42</b> | <b>10</b>    | <b>8</b> | <b>14</b>  | <b>14</b> | <b>2</b>          | <b>0</b> |

| New Construction             |          |          |          |          |          |          |          |          |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Classrooms and Science Labs  | -        | 6        | -        | 2        | -        | -        | -        | -        |
| Special Education Classrooms | -        | -        | -        | -        | -        | -        | -        | 5        |
| <b>Subtotals</b>             | <b>0</b> | <b>6</b> | <b>0</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>5</b> |

**Total Existing Teaching Stations: 77**

**Total Proposed Teaching Stations: 77**

**Note:**

All existing teaching station totals do not include existing Interim Housing classrooms.

# Piedmont Hills High School

## Master Plan Probable Construction Cost Summary



**Phase I Construction Cost:** **\$1,109,000**

**Phase II Probable Construction Cost:** **\$11,219,994**

Off-Site Developments: \$0  
 On-Site Developments: \$5,949,096  
 Site Structures: \$195,000

**Modernization/Reconstruction Projects**

|  |                                  |
|--|----------------------------------|
| Building A-1 (Administration)                        | \$796,847                        |
| Building A-2 (Student Services)                      | \$294,218                        |
| Building B (Art Labs)                                | \$757,821                        |
| Building C-1 (Classrooms)                            | \$54,000                         |
| Building C-2 (Nutrition Services)                    | \$307,477                        |
| Building C (Relocatables)                            | \$10,000                         |
| Building D (Classrooms and Science Labs)             | \$171,000                        |
| Building D (Relocatables)                            | \$25,000                         |
| Building E (Library)                                 | \$1,403,300                      |
| Building F (Classrooms)                              | \$300,000                        |
| Building G (Music Labs)                              | \$479,114                        |
| Building H (Girls' Locker Room)                      | \$221,683                        |
| Building I (Gymnasium)                               | \$1,387,805                      |
| Building J (Boys' Locker Room)                       | \$213,375                        |
| Building K (Wood Shop, Classrooms, and Science Labs) | \$512,279                        |
| Building L (Auditorium)                              | Modernization has been completed |
| Building P (Relocatables)                            | \$50,000                         |

**Subtotal:** **\$6,983,919**

**New Construction**

|                                  |             |
|----------------------------------|-------------|
| Small Gym                        | \$1,575,210 |
| Classrooms and Science Labs      | \$1,790,370 |
| Special Education Classrooms     | \$885,000   |
| RSP                              | \$84,000    |
| Restroom Construction            | \$214,342   |
| Student Services Center          | \$615,210   |
| Faculty Common Work Area         | \$410,140   |
| Custodial Office                 | \$205,070   |
| Addition to Building G-Music Lab | \$61,790    |
| Addition to Building B-Photo Lab | \$77,818    |

**Subtotal:** **\$5,918,950**

**Furniture, Furnishings, Equipment (7% of New Construction)** **\$282,758**

**Sub-Total Probable Construction Cost:** **\$19,329,722**

**Contingency (15% of Construction)** **\$2,899,458**

**Subtotal:** **\$22,229,181**

**Construction Cost Escalation/Market Condition (3 years @ 4% annually)** **\$2,667,502**

# Piedmont Hills High School

## Master Plan Probable Construction Cost Summary

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|  |                     |
|--|---------------------|
| <b>Master Plan Probable Construction Cost:</b> | <b>\$24,896,682</b> |
|--|---------------------|

|  |                       |
|--|-----------------------|
| <b>Total Probable Construction Cost:</b> | <b>\$37,225,677</b>   |
| <b>Allocated Construction Budget:</b>    | <b>\$18,460,783</b>   |
| <b>Balance of Funds:</b>                 | <b>(\$18,764,894)</b> |

# Piedmont Hills High School

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## Legend of Symbols

- ‡ Projects in process prior to Master Plan (District Generated)
- × Documented in the Measure G Bond Project List (may also be included in the Executive Summary)
- Documented in the Executive Summary, Bond Measures, School Safety and Student Success
- ▲ DSA required project
- ◇ Master Plan recommended project

# Piedmont Hills High School

## Full Scope Probable Construction Cost



| Project   | Project Detail  | Construction Category | Quantity | Unit Cost    | Construction Cost  |
|---|---|-----------------------|----------|--------------|--------------------|
| <b>Phase I:</b>                                       |   |                       |          |              |                    |
| <b>Cat. 2 Recommended Building Improvements</b>       |   |                       |          |              |                    |
| ‡   | Pump House Roofing  |                       | 1 LS     |              | TBD                |
| •   | Re-roof Covered Walkways-East Side of Campus                |                       | 1 LS     | \$100,000.00 | \$100,000          |
| <b>Cat. 5 Security</b>                                |   |                       |          |              |                    |
| ×   | Site Perimeter 8' Ht. Chain Link Fencing Behind Shops       |                       | 1 LS     | \$5,000.00   | \$5,000            |
| <b>Cat. 10 Technology</b>                             |   |                       |          |              |                    |
| •   | Upgrade Phone System Access Security                        |                       | 1 LS     | \$5,000.00   | \$5,000            |
| •   | Phone Software Upgrade                                      |                       | 1 LS     | \$14,000.00  | \$14,000           |
| •   | Upgrade Attendant Station (Auto Attendant & Direct Station) |                       | 1 LS     | \$9,000.00   | \$9,000            |
| •   | Upgrade Existing PA System                                  |                       | 1 LS     | \$0.00       | TBD                |
| •   | Upgrade Existing CATV Network to Digital (with Comcast)     |                       | 1 LS     | \$25,000.00  | \$25,000           |
| •   | Replace Clocks with Wireless                                |                       | 1 LS     | \$15,000.00  | \$15,000           |
| <b>Cat. 14 General Building Improvements</b>          |   |                       |          |              |                    |
| ‡   | HVAC Replacement-Building D (1 Replaced)                    |                       | 1 LS     |              | TBD                |
| <b>Cat. 15 Outdoor Athletic Facilities</b>            |   |                       |          |              |                    |
| ‡   | New Baseball Field  |                       | 1 LS     | \$888,000.00 | \$888,000          |
| <b>Cat. 16 General Site Improvements</b>              |   |                       |          |              |                    |
| ‡   | Concrete Repair-Curb by Gym                                 |                       | 1 LS     | \$13,000.00  | \$13,000           |
| <b>Cat. 17 Furniture, Furnishings &amp; Equipment</b> |   |                       |          |              |                    |
| ‡   | Classroom FF&E  |                       | 1 LS     | \$35,000.00  | \$35,000           |
| <b>Phase I Construction Cost</b>                      |   |                       |          |              | <b>\$1,109,000</b> |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



| Project                                    | Project Detail                                 | Construction Category | Quantity  | Unit Cost    | Construction Cost  |
|--|--|-----------------------|-----------|--------------|--------------------|
| <b>Phase II:</b>                           |  |                       |           |              |                    |
| <b>Cat. 1 Mandatory Code Compliance</b>    |  |                       |           |              |                    |
| x  | Upgrade Fire Alarm                             |                       | 1 LS      | \$432,396.00 | <b>\$432,396</b>   |
| <b>Cat. 4 Health</b>                       |  |                       |           |              |                    |
| <b>Restroom Modernizations</b>             |  |                       |           |              |                    |
| <u>Building A - Administration</u>         |  |                       |           |              |                    |
| x  | Staff (A-26 & A-27)                            | Modern. (level 2)     | 195 SF    | \$87.10      | \$16,985           |
| x  | Student (A-33)                                 | Modern. (level 2)     | 29 SF     | \$87.10      | \$2,526            |
| <b>Sub-total Restroom Modernizations</b>   |  |                       |           |              | <b>\$19,510</b>    |
| <b>Locker Room Improvement</b>             |  |                       |           |              |                    |
| <u>Building J - Boys</u>                   |  |                       |           |              |                    |
| •  | Locker Room (J-01, J-12 & J-14)                | Modern. (level 1)     | 3,780 SF  | \$82.60      | \$312,228          |
| •  | Showers (J-04) ADA Accessibility               | Modern. (level 2)     | 468 SF    | \$144.26     | \$67,514           |
| x  | Restrooms (J-06 & J-13)                        | Modern. (level 2)     | 326 SF    | \$87.10      | \$28,395           |
| •  | Athletic Staff Locker Room (J-10)              | Modern. (level 2)     | 192 SF    | \$144.26     | \$27,698           |
| <u>Building H - Girls</u>                  |  |                       |           |              |                    |
| •  | Locker Room (H-01)                             | Modern. (level 1)     | 2,882 SF  | \$82.60      | \$238,053          |
| •  | Showers (H-16) ADA Accessibility               | Modern. (level 2)     | 351 SF    | \$144.26     | \$50,635           |
| x  | Restrooms (H-03 & H-17)                        | Modern. (level 2)     | 308 SF    | \$87.10      | \$26,827           |
| •  | Athletic Staff Locker Room (H-07)              | Modern. (level 2)     | 162 SF    | \$144.26     | \$23,370           |
| <b>Sub-total</b>                           |  |                       |           |              | <b>\$774,720</b>   |
| <b>Total Health</b>                        |  |                       |           |              | <b>\$794,230</b>   |
| <b>Cat. 5 Security</b>                     |  |                       |           |              |                    |
| <b>Site Fencing</b>                        |  |                       |           |              |                    |
| x  | South Prop. Line at Parking Lot - 8' HT. C. L. | Reconstruction        | 1,245 LF  | \$28.00      | \$34,860           |
| x  | West Property Line - 8' HT. Chain Link         | Reconstruction        | 885 LF    | \$28.00      | \$24,780           |
| <b>Sub-total</b>                           |  |                       |           |              | <b>\$59,640</b>    |
| <b>Cat. 6 Teaching Stations</b>            |  |                       |           |              |                    |
| x  | Building E                                     | Reconstruction        | 34,390 SF |              | <b>\$3,000,000</b> |
| x  | Building D                                     | Reconstruction        | 25,848 SF |              | <b>\$2,500,000</b> |
| x  | Building C                                     | Reconstruction        | 6,849 SF  |              | <b>\$1,000,000</b> |
| <b>Cat. 12 Nutrition Services</b>          |  |                       |           |              |                    |
| ‡  | Upgrade Food Service POS Network               |                       | 1 LS      | \$15,000.00  | <b>\$15,000</b>    |
| <b>Cat. 15 Outdoor Athletic Facilities</b> |  |                       |           |              |                    |
| ◇  | All-Weather Track                              | Reconstruction        | 1 LS      | \$630,000.00 | <b>\$630,000</b>   |
| ◇  | All-Weather Field                              | Reconstruction        | 1 LS      | \$900,000.00 | <b>\$900,000</b>   |
| <b>Cat. 16 General Site Improvements</b>   |  |                       |           |              |                    |
| x  | Landscaping Along Piedmont Road                |                       |           |              |                    |
|  | Remove Dying Trees & Replace Planting          | Reconstruction        | 1 LS      | \$50,000.00  | <b>\$50,000</b>    |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



| Project | Project Detail | Construction Category | Quantity | Unit Cost | Construction Cost                                       |
|---------|----------------|-----------------------|----------|-----------|---|
|         |                |                       |          |           | Phase II \$9,381,266                                    |
|         |                |                       |          |           | Design Contingency @ 15% \$1,407,190                    |
|         |                |                       |          |           | Cost Escalation 1 Years @ 4% \$431,538                  |
|         |                |                       |          |           | <b>Phase II Probable Construction Cost \$11,219,994</b> |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### District Priority Projects (DPP):

#### Off- Site Developments

Not applicable



# Piedmont Hills High School

## Full Scope Probable Construction Cost



### On-Site Developments

Includes ADA Compliance, Parking Lot Resurface at Removed Relocatables, Landscape and Irrigation at Removed Relocatables, and Pool Modernization to Increase Depth

| Category                                      | Project Detail   | Construction Category         | Quantity | Unit Cost    |                     |
|---|--|-------------------------------|----------|--------------|---------------------|
| <b>Cat. 1 Mandatory Code Compliance</b>       |  |                               |          |              |                     |
| ▲   | ADA Compliance for Site Accessibility  | Reconstruction                | 1 LS     | \$610,681.00 | <b>\$610,681</b>    |
| ▲   | * Allowance for Hazardous Material Abatement   |                               | 1 LS     | \$111,100.00 | <b>\$111,100</b>    |
| <b>Cat. 2 Recommended Safety Improvements</b> |  |                               |          |              |                     |
| ◇   | Pool Modernizations to Increase Depth  | Reconstruction                | 1 LS     | \$596,000.00 | <b>\$596,000</b>    |
| <b>Cat. 5 Security</b>                        |  |                               |          |              |                     |
| ×   | Security Surveillance Cameras & DVR  | Reconstruction                | 1 LS     | \$30,000.00  | <b>\$30,000</b>     |
| ×   | Security Exterior Lighting   | Reconstruction                | 1 LS     | \$100,000.00 | <b>\$100,000</b>    |
|   | <b>Perimeter Site Fencing</b>  |                               |          |              |                     |
|   | Site Perimeter 8' Ht. Chain Link Fencing   | Included in Phase II Projects |          |              | <b>\$0</b>          |
| ×   | Campus Perimeter 6' Ht. District Standard Fencing  | Reconstruction                | 1,100 LF | \$65.00      | <b>\$71,500</b>     |
|   | <b>Door Hardware Modernizations</b>  |                               |          |              | <b>\$0</b>          |
| •   | Re-Key all locks   | Modern. (level 1)             | 1 LS     | \$50,000.00  | <b>\$50,000.00</b>  |
| ×   | Key Card Entry System  | Modern. (level 2)             | 1 LS     | \$400,000.00 | <b>\$400,000.00</b> |
| <b>Cat. 7 Interim Housing</b>                 |  |                               |          |              |                     |
| ◇   | Interim Housing (8) Relocatables   | New Construction              | 1 LS     | \$80,000.00  | <b>\$80,000</b>     |
| <b>Cat. 9 Utilities Infrastructure</b>        |  |                               |          |              |                     |
|   | <b>Existing Utilities Services Improvements</b>  |                               |          |              |                     |
|   | Fire Service Water   |                               |          |              |                     |
|   | New fire hydrants, valves and associated piping for renovations throughout the campus.                                   |                               |          |              |                     |
|   | 6" PVC water line  |                               | 1,950 LF | \$45.00      | <b>\$87,750</b>     |
|   | 6" DCDA with PIV & FDC   |                               | 1 EA     | \$1,200.00   | <b>\$1,200</b>      |
|   | Fire hydrant   |                               | 8 EA     | \$750.00     | <b>\$6,000</b>      |
|   | Connection to existing main line   |                               | 1 EA     | \$800.00     | <b>\$800</b>        |
|   | <b>New Construction Utilities Services</b>   |                               |          |              |                     |
| ◇   | Electrical (Replace Incoming and substation 1 & 2)   |                               | 1 LS     | \$170,000.00 | <b>\$170,000</b>    |
| ◇   | Gas  |                               |          |              |                     |
|   | New connection and piping to serve three new buildings with classrooms, toilets, labs, a small gym and custodial office. |                               |          |              |                     |
|   | 2" PVC gas line  |                               | 800 LF   | \$35.00      | <b>\$28,000</b>     |
| ◇   | Domestic Water   |                               |          |              |                     |
|   | New valves and piping to serve three new buildings with classrooms, toilets, labs, a small gym and custodial offices.    |                               |          |              |                     |
|   | 4" PVC water line  |                               | 830 LF   | \$40.00      | <b>\$33,200</b>     |
|   | 4" gate valve  |                               | 4 EA     | \$250.00     | <b>\$1,000</b>      |
|   | Water connection to existing main line   |                               | 1 EA     | \$800.00     | <b>\$800</b>        |
| ◇   | Fire Service Water   |                               |          |              |                     |
|   | New PIV's and piping to serve three new buildings with classrooms, toilets, labs, a small gym and custodial offices.     |                               |          |              |                     |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



|   |                   |        |                |                    |
|---|-------------------|--------|----------------|--------------------|
| 6" PVC water line   |                   | 80 LF  | \$45.00        | <b>\$3,600</b>     |
| PIV   |                   | 4 EA   | \$400.00       | <b>\$1,600</b>     |
| ◊ Sanitary Sewer  |                   |        |                |                    |
| New cleanouts and service lines to serve three new buildings with classrooms, toilets, labs, a small gym and custodial offices. |                   |        |                |                    |
|   |                   | 760 LF | \$42.00        | <b>\$31,920</b>    |
| 6" sanitary sewer cleanout  |                   | 10 EA  | \$450.00       | <b>\$4,500</b>     |
| Wye connection to existing main line  |                   | 3 EA   | \$500.00       | <b>\$1,500</b>     |
| <b>Cat. 10 Technology</b>   |                   |        |                |                    |
| x Technology Infrastructure   | Modern. (level 2) | 1 LS   | \$250,000.00   | <b>\$250,000</b>   |
| x Data Network/Wireless Networking  | Modern. (level 2) | 1 LS   | \$365,000.00   | <b>\$365,000</b>   |
| x Educational Technology End-use Equipment  | Modern. (level 2) | 1 LS   | \$100,000.00   | <b>\$100,000</b>   |
| <b>Cat. 15 Outdoor Athletic Facilities</b>  |                   |        |                |                    |
| x Sports Field & Irrigation Improvements  |                   |        |                |                    |
| Softball Field  | Reconstruction    | 1 LS   | \$300,000.00   | <b>\$300,000</b>   |
| Dedicated Softball Field  | Reconstruction    | 1 LS   | \$300,000.00   | <b>\$300,000</b>   |
| Baseball Field  | Reconstruction    | 1 LS   | \$300,000.00   | <b>\$300,000</b>   |
| ● Resurface @ Hard Courts   |                   |        |                |                    |
| Tennis Courts   | Reconstruction    | 1 LS   | \$120,000.00   | <b>\$120,000</b>   |
| Hard Court Resurfacing  | Reconstruction    | 1 LS   | \$100,000.00   | <b>\$100,000</b>   |
| <b>Cat. 16 General Site Improvements</b>  |                   |        |                |                    |
| Improved Site Circulation   | Reconstruction    | 1 LS   | \$250,000.00   | <b>\$250,000</b>   |
| x Student Drop-Off Area Improvements  | Reconstruction    | 1 LS   | \$200,000.00   | <b>\$200,000</b>   |
| ● Parking Lot Resurface at Removed Relocatables   | Modern. (level 1) | 1 LS   | \$50,000.00    | <b>\$50,000</b>    |
| x Landscape & Irrigation Modernization  | Reconstruction    | 1 LS   | \$1,192,945.00 | <b>\$1,192,945</b> |
| <b>Sub-Total Probable Construction Cost:</b>  |                   |        |                | <b>\$5,949,096</b> |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Site Structures

| Category                                     | Project Detail   | Construction Category | Quantity | Unit Cost | Construction Cost |
|--|------------------|-----------------------|----------|-----------|-------------------|
| Cat. 14 General Building Improvements        |                  |                       |          |           |                   |
| x  | Covered Walkways | Included in Phase II  | 1 LS     |           | NA                |
| <b>Sub-Total Probable Construction Cost:</b> |                  |                       |          |           | <b>\$0</b>        |

### New Covered Amphitheater

Proposed Area: 3,000 SF.

| Category                                     | Project Detail       | Construction Category | Quantity | Unit Cost | Construction Cost |
|--|----------------------|-----------------------|----------|-----------|-------------------|
| Cat. 14 General Building Improvements        |                      |                       |          |           |                   |
|  | Covered Amphitheater | New Construction      | 3,000 SF | \$65.00   | \$195,000         |
| <b>Sub-Total Probable Construction Cost:</b> |                      |                       |          |           | <b>\$195,000</b>  |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building A-1 (Administration)

Existing Area: 5,938 SF.

| Category   | Project Detail                           | Construction Category | Quantity | Unit Cost    | Construction Cost |
|--|--|-----------------------|----------|--------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b>      |  |                       |          |              |                   |
| ◇  | Roofing Modernizations                   | Modern. (level 2)     | 5,938 SF | \$5.75       | \$34,144          |
| ◇  | Exterior Finishes Modernizations         |                       |          |              |                   |
|  | Patch/Repair Exterior Wood Siding        | Modern. (level 1)     | 1 LS     | \$120,000.00 | \$120,000         |
| <b>Cat. 10 Technology</b>                            |  |                       |          |              |                   |
| ×  | Educational Technology End-use Equipment | Modern. (level 2)     | 1 LS     | \$9,000.00   | \$9,000           |
| <b>Cat. 13 Administrative/Staff/Student Services</b> |  |                       |          |              |                   |
| ×  | Administration/Staff/Student Services    | Modern. (level 2)     | 5,938 SF | \$98.72      | \$586,199         |
| <b>Cat. 14 General Building Improvements</b>         |  |                       |          |              |                   |
| ◇  | Electrical Distribution Modernization    |                       |          |              |                   |
|  | Electrical Distribution                  | Modern. (level 2)     | 5,938 SF | \$7.25       | \$43,051          |
|  | Receptacles and Wiring                   | Modern. (level 2)     | 5,938 SF | \$0.75       | \$4,454           |
| <b>Sub-Total Probable Construction Cost:</b>         |  |                       |          |              | <b>\$796,847</b>  |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building A-2 (Student Services)

Existing Area: 1,469 SF.

| Category   | Project Detail                           | Construction Category | Quantity | Unit Cost    | Construction Cost |
|--|--|-----------------------|----------|--------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b>      |  |                       |          |              |                   |
| ◇  | Roofing Modernizations                   | Modern. (level 2)     | 1,469 SF | \$5.75       | \$8,447           |
| ◇  | Exterior Finishes Modernizations         |                       |          |              |                   |
|  | Patch/Repair Exterior Wood Siding        | Modern. (level 1)     | 1 LS     | \$120,000.00 | \$120,000         |
| <b>Cat. 10 Technology</b>                            |  |                       |          |              |                   |
| ×  | Educational Technology End-use Equipment | Modern. (level 2)     | 1 LS     | \$9,000.00   | \$9,000           |
| <b>Cat. 13 Administrative/Staff/Student Services</b> |  |                       |          |              |                   |
| ×  | Student Services                         | Modern. (level 2)     | 1,469 SF | \$98.72      | \$145,020         |
| <b>Cat. 14 General Building Improvements</b>         |  |                       |          |              |                   |
| ◇  | Electrical Distribution Modernization    |                       |          |              |                   |
|  | Electrical Distribution                  | Modern. (level 2)     | 1,469 SF | \$7.25       | \$10,650          |
|  | Receptacles and Wiring                   | Modern. (level 2)     | 1,469 SF | \$0.75       | \$1,102           |
| <b>Sub-Total Probable Construction Cost:</b>         |  |                       |          |              | <b>\$294,218</b>  |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building B (Art Labs)

Existing Area: 9,622 SF. Existing program includes a Home Economics Lab, a Home Economics Classroom, a Fashion Lab, (3) Art Labs, and a Photo Lab.

| Category   | Project Detail                                  | Construction Category | Quantity  | Unit Cost    | Construction Cost |
|--|---|-----------------------|-----------|--------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b>                  |   |                       |           |              |                   |
| ◇  | <b>Exterior Finishes Modernizations</b>         |                       |           |              |                   |
|  | Patch/Repair Exterior Wood Siding               | Modern. (level 1)     | 1 LS      | \$120,000.00 | <b>\$120,000</b>  |
| <b>Cat. 6 Teaching Stations</b>                                  |   |                       |           |              |                   |
| <b>Classrooms/Labs Modernization/Reconstruction</b>              |   |                       |           |              |                   |
| ×  | Art Labs, Home Ec. Lab, Fashion Lab             | Modern. (level 1)     | 9,529 SF  | \$47.90      | <b>\$456,439</b>  |
| <b>New Construction for Enlargement of Undersized Classrooms</b> |   |                       |           |              |                   |
| ◇  | Darkroom Addition to Photo Lab                  | New Construction      | 425 SF    | \$183.10     | <b>\$77,818</b>   |
| <b>Cat. 10 Technology</b>  |   |                       |           |              |                   |
| ×  | <b>Educational Technology End-use Equipment</b> | Modern. (level 2)     | 1 LS      | \$90,000.00  | <b>\$90,000</b>   |
| <b>Cat. 14 General Building Improvements</b>                     |   |                       |           |              |                   |
| ◇  | <b>Electrical Distribution Modernization</b>    |                       |           |              |                   |
|  | Electrical Distribution                         | Modern. (level 2)     | 9,529 SF  | \$7.25       | <b>\$69,085</b>   |
|  | Receptacles and Wiring                          | Modern. (level 2)     | 9,529 SF  | \$0.75       | <b>\$7,147</b>    |
| ×  | <b>Paint @ Exterior</b>                         | Modern. (level 1)     | 12,120 SF | \$1.25       | <b>\$15,150</b>   |
| <b>Sub-Total Probable Construction Cost:</b>                     |   |                       |           |              | <b>\$835,639</b>  |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building C-1 (Classrooms)

Existing Area: 3,248 SF. Existing program includes (2) classrooms and (2) special ed classrooms. Proposed program includes (2) classrooms and (2) RSP rooms.

| Category                                     | Project Detail                                      | Construction Category | Quantity | Unit Cost   | Construction Cost |
|--|---|-----------------------|----------|-------------|-------------------|
| <b>Cat. 6 Teaching Stations</b>              |   |                       |          |             |                   |
|  | <b>Classrooms/Labs Modernization/Reconstruction</b> |                       |          |             |                   |
|  | Special Education                                   | Phase II              | 2,648 SF |             | NA                |
| <b>Cat. 10 Technology</b>                    |   |                       |          |             |                   |
| *  | Educational Technology End-use Equipment            | Modern. (level 2)     | 1 LS     | \$54,000.00 | \$54,000          |
| <b>Sub-Total Probable Construction Cost:</b> |   |                       |          |             | <b>\$54,000</b>   |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building C-2 (Nutrition Services)

Existing Area: 1,806 SF.

| Category  | Project Detail                                  | Construction Category | Quantity | Unit Cost    | Construction Cost |
|---|---|-----------------------|----------|--------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b> |   |                       |          |              |                   |
| ◇   | <b>Exterior Finishes Modernizations</b>         |                       |          |              |                   |
|   | Patch/Repair Exterior Wood Siding               | Modern. (level 1)     | 1 LS     | \$120,000.00 | <b>\$120,000</b>  |
| <b>Cat. 4 Health</b>                            |   |                       |          |              |                   |
|   | <b>Restroom Modernizations</b>                  |                       |          |              |                   |
| ×   | Staff (C-15.1)                                  | Modern. (level 2)     | 45 SF    | \$87.10      | <b>\$3,920</b>    |
| <b>Cat. 10 Technology</b>                       |   |                       |          |              |                   |
| ×   | <b>Educational Technology End-use Equipment</b> | Modern. (level 2)     | 1 LS     | \$9,000.00   | <b>\$9,000</b>    |
| <b>Cat. 12 Nutrition Services</b>               |   |                       |          |              |                   |
| ◇   | <b>Nutrition Services</b>                       | Modern. (level 1)     | 1,806 SF | \$86.64      | <b>\$156,472</b>  |
| <b>Cat. 14 General Building Improvements</b>    |   |                       |          |              |                   |
| ◇   | <b>Electrical Distribution Modernization</b>    |                       |          |              |                   |
|   | Electrical Distribution                         | Modern. (level 2)     | 1,806 SF | \$7.25       | <b>\$13,094</b>   |
|   | Receptacles and Wiring                          | Modern. (level 2)     | 1,806 SF | \$0.75       | <b>\$1,355</b>    |
| ×   | <b>Paint @ Exterior</b>                         | Modern. (level 1)     | 2,910 SF | \$1.25       | <b>\$3,638</b>    |
| <b>Sub-Total Probable Construction Cost:</b>    |   |                       |          |              | <b>\$307,477</b>  |



# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building C (Relocatable Classrooms)

Existing Area: 1,920 SF. Existing program includes (2) classrooms to be demolished.

| Category                                     | Project Detail                        | Construction Category | Quantity | Unit Cost  | Construction Cost |
|--|---------------------------------------|-----------------------|----------|------------|-------------------|
| <b>Cat. 8 Demolition</b>                     |                                       |                       |          |            |                   |
| ×  | <b>Relocatable Demolition/Removal</b> |                       |          |            |                   |
|  | Buildings C-05, C-06                  |                       | 2 EA     | \$3,000.00 | \$6,000           |
| ◇  | <b>Site Demolition</b>                |                       | 2 EA     | \$2,000.00 | \$4,000           |
| <b>Sub-Total Probable Construction Cost:</b> |                                       |                       |          |            | <b>\$10,000</b>   |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building D (Classrooms and Science Labs)

Existing Area: 19,556 SF.

| Category                        | Project Detail                               | Construction Category | Quantity  | Unit Cost    | Construction Cost |
|---------------------------------|--|-----------------------|-----------|--------------|-------------------|
| <b>Cat. 6 Teaching Stations</b> |  |                       |           |              |                   |
|                                 | Classrooms/Labs Modernization/Reconstruction |                       |           |              |                   |
|                                 | Classrooms                                   | Phase II              | 19,556 SF |              | NA                |
| <b>Cat. 10 Technology</b>       |  |                       |           |              |                   |
| *                               | Educational Technology End-use Equipment     | Modern. (level 2)     | 1 LS      | \$171,000.00 | \$171,000         |

**Sub-Total Probable Construction Cost: \$171,000**

### Building D (Relocatable Classrooms and Science Labs)

Existing Area: 6,292 SF. Existing program includes (2) science labs, a prep lab, and (2) classrooms to be demolished.

| Category                 | Project Detail                         | Construction Category | Quantity | Unit Cost  | Construction Cost |
|--------------------------|--|-----------------------|----------|------------|-------------------|
| <b>Cat. 8 Demolition</b> |  |                       |          |            |                   |
| *                        | Relocatable Demolition/Removal         |                       |          |            |                   |
|                          | Buildings D-26, D-28, D-29, D-30, D-31 |                       | 5 EA     | \$3,000.00 | \$15,000          |
| ◇                        | Site Demolition                        |                       | 5 EA     | \$2,000.00 | \$10,000          |

**Sub-Total Probable Construction Cost: \$25,000**

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building E (Classrooms and Library)

Existing Area: 34,390 SF.

| Category  | Project Detail                                      | Construction Category | Quantity  | Unit Cost    | Construction Cost  |
|---|---|-----------------------|-----------|--------------|--------------------|
| <b>Cat. 2 Recommended Safety Improvements</b>   |   |                       |           |              |                    |
| ◊   | <b>Seismic Upgrades</b>                             |                       |           |              |                    |
|   | Library Windows                                     |                       | 7,549 SF  | \$30.00      | \$226,470          |
|   | Repair finishes                                     |                       | 7,549 SF  | \$5.00       | \$37,745           |
| <b>Cat. 3 Recommended Building Improvements</b> |   |                       |           |              |                    |
| ◊   | <b>Roofing Modernizations</b>                       |                       |           |              |                    |
|   | Library   | Modern. (level 2)     | 7,549 SF  | \$5.75       | \$43,407           |
| ◊   | <b>Exterior Finishes Modernizations</b>             |                       |           |              |                    |
|   | Library - Patch/Repair Exterior Wood Siding         | Modern. (level 1)     | 1 LS      | \$120,000.00 | \$120,000          |
| <b>Cat. 4 Health</b>                            |   |                       |           |              |                    |
|   | <b>Restroom Modernizations</b>                      |                       |           |              |                    |
|   | Staff (E-20 & E-20.1)                               | Phase II              | 397 SF    |              | NA                 |
|   | Student (E-29.1, E-29.2, E-35 & E-36)               | Phase II              | 1690 SF   |              | NA                 |
| <b>Cat. 6 Teaching Stations</b>                 |   |                       |           |              |                    |
|   | <b>Classrooms/Labs Modernization/Reconstruction</b> |                       |           |              |                    |
|   | Science Labs & Classrooms                           | Phase II              | 26,841 SF |              | NA                 |
| <b>Cat. 10 Technology</b>                       |   |                       |           |              |                    |
| ×   | <b>Educational Technology End-use Equipment</b>     | Modern. (level 2)     | 1 LS      | \$90,000.00  | \$90,000           |
| <b>Cat. 11 Teaching Support</b>                 |   |                       |           |              |                    |
| ●   | <b>Library</b>                                      | Modern. (level 2)     | 7,549 SF  | \$116.39     | \$878,628          |
| <b>Cat. 14 General Building Improvements</b>    |   |                       |           |              |                    |
| ×   | <b>Paint @ Exterior</b>                             |                       |           |              |                    |
|   | Library   | Modern. (level 1)     | 5,640 SF  | \$1.25       | \$7,050            |
| <b>Sub-Total Probable Construction Cost:</b>    |   |                       |           |              | <b>\$1,403,300</b> |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building F (Classrooms)

Existing Area: 24,817 SF.

| Category                                     | Project Detail                           | Construction Category | Quantity | Unit Cost    | Construction Cost |
|--|--|-----------------------|----------|--------------|-------------------|
| <b>Cat. 10 Technology</b>                    |  |                       |          |              |                   |
| x  | Educational Technology End-use Equipment | Modern. (level 2)     | 1 LS     | \$300,000.00 | <b>\$300,000</b>  |
| <b>Sub-Total Probable Construction Cost:</b> |  |                       |          |              | <b>\$300,000</b>  |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building G (Music Labs)

Existing Area: 5,894 SF. Existing program includes a Drama Lab, a Keyboard Lab, and a Band Lab. Proposed program is unchanged.

| Category   | Project Detail                                  | Construction Category | Quantity | Unit Cost    | Construction Cost |
|--|---|-----------------------|----------|--------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b>                  |   |                       |          |              |                   |
| ◇  | <b>Exterior Finishes Modernizations</b>         |                       |          |              |                   |
|  | Patch/Repair Exterior Wood Siding               | Modern. (level 1)     | 1 LS     | \$120,000.00 | <b>\$120,000</b>  |
| <b>Cat. 6 Teaching Stations</b>                                  |   |                       |          |              |                   |
| <b>Classrooms/Labs Modernization/Reconstruction</b>              |   |                       |          |              |                   |
| ×  | Music Labs                                      | Modern. (level 1)     | 5,699 SF | \$44.38      | <b>\$252,922</b>  |
| <b>New Construction for Enlargement of Undersized Classrooms</b> |   |                       |          |              |                   |
| ◇  | Addition to Keyboard Lab                        | New Construction      | 326 SF   | \$189.54     | <b>\$61,790</b>   |
| <b>Cat. 10 Technology</b>  |   |                       |          |              |                   |
| ×  | <b>Educational Technology End-use Equipment</b> | Modern. (level 2)     | 1 LS     | \$54,000.00  | <b>\$54,000</b>   |
| <b>Cat. 14 General Building Improvements</b>                     |   |                       |          |              |                   |
| ◇  | <b>Electrical Distribution Modernization</b>    |                       |          |              |                   |
|  | Electrical Distribution                         | Modern. (level 2)     | 5,699 SF | \$7.25       | <b>\$41,318</b>   |
|  | Receptacles and Wiring                          | Modern. (level 2)     | 5,699 SF | \$0.75       | <b>\$4,274</b>    |
| ×  | <b>Paint @ Exterior</b>                         | Modern. (level 1)     | 5,280 SF | \$1.25       | <b>\$6,600</b>    |
| <b>Sub-Total Probable Construction Cost:</b>                     |   |                       |          |              | <b>\$540,904</b>  |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building H (Girls' Locker Room)

Existing Area: 10,340 SF.

| Category  | Project Detail                               | Construction Category | Quantity  | Unit Cost    | Construction Cost |
|---|--|-----------------------|-----------|--------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b> |  |                       |           |              |                   |
| ◇   | <b>Exterior Finishes Modernizations</b>      |                       |           |              |                   |
|   | Patch/Repair Exterior Wood Siding            | Modern. (level 1)     | 1 LS      | \$120,000.00 | \$120,000         |
| <b>Cat. 4 Health</b>                            |  |                       |           |              |                   |
|   | <b>Restroom Modernizations</b>               |                       |           |              |                   |
| ×   | Staff (H-20)                                 | Modern. (level 2)     | 79 SF     |              | NA                |
|   | Showers (H-16)                               | Modern. (level 2)     | 351 SF    |              | NA                |
|   | Lockers (H-01)                               | Modern. (level 1)     | 2882 SF   |              | NA                |
| <b>Cat. 14 General Building Improvements</b>    |  |                       |           |              |                   |
|   | <b>Plumbing System Modernization</b>         | Modern. (level 1)     | 1 LS      | \$10,000.00  | \$10,000          |
| ◇   | <b>Electrical Distribution Modernization</b> |                       |           |              |                   |
|   | Electrical Distribution                      | Modern. (level 2)     | 10,340 SF | \$7.25       | \$74,965          |
|   | Receptacles and Wiring                       | Modern. (level 2)     | 10,340 SF | \$0.75       | \$7,755           |
| ×   | <b>Paint @ Exterior</b>                      | Modern. (level 1)     | 7,170 SF  | \$1.25       | \$8,963           |
| <b>Sub-Total Probable Construction Cost:</b>    |  |                       |           |              | <b>\$221,683</b>  |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building I (Gymnasium)

Existing Area: 13,947 SF.

| Category  | Project Detail                               | Construction Category | Quantity  | Unit Cost    | Construction Cost  |
|---|--|-----------------------|-----------|--------------|--------------------|
| <b>Cat. 2 Recommended Safety Improvements</b>   |  |                       |           |              |                    |
| <b>Seismic Upgrades</b>                         |  |                       |           |              |                    |
| ◇   | Gym  |                       |           |              |                    |
|   | Strengthen roof diaphragm                    |                       | 13,925 LF | \$15.00      | <b>\$208,875</b>   |
|   | Repair finishes                              |                       | 13,925 SF | \$5.00       | <b>\$69,625</b>    |
| <b>Cat. 3 Recommended Building Improvements</b> |  |                       |           |              |                    |
| ◇   | <b>Exterior Finishes Modernizations</b>      |                       |           |              |                    |
|   | Patch/Repair Exterior Wood Siding            | Modern. (level 1)     | 1 LS      | \$120,000.00 | <b>\$120,000</b>   |
| <b>Cat. 4 Health</b>                            |  |                       |           |              |                    |
| <b>Restroom Modernizations</b>                  |  |                       |           |              |                    |
| ×   | Student (I-05 & I-03)                        | Modern. (level 2)     | 475 SF    | \$87.10      | <b>\$41,373</b>    |
| <b>Cat. 11 Teaching Support</b>                 |  |                       |           |              |                    |
| ●   | <b>Large Gym</b> (Portion of 13,947 SF)      | Modern. (level 1)     | 12,315 SF | \$65.50      | <b>\$806,633</b>   |
|   | Fhrs, Bleachers, Elect, Sound System, HVAC   |                       |           |              |                    |
| <b>Cat. 14 General Building Improvements</b>    |  |                       |           |              |                    |
|   | <b>Replace Existing HV Unit</b>              | Modern. (level 2)     | 1 EA      | \$17,500.00  | <b>\$17,500</b>    |
| ◇   | <b>Electrical Distribution Modernization</b> |                       |           |              |                    |
|   | Electrical Distribution                      | Modern. (level 2)     | 14,000 SF | \$7.25       | <b>\$101,500</b>   |
|   | Receptacles and Wiring                       | Modern. (level 2)     | 14,000 SF | \$0.75       | <b>\$10,500</b>    |
| ×   | <b>Paint @ Exterior</b>                      | Modern. (level 1)     | 9,440 SF  | \$1.25       | <b>\$11,800</b>    |
| <b>Sub-Total Probable Construction Cost:</b>    |  |                       |           |              | <b>\$1,387,805</b> |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building J (Boys' Locker Room)

Existing Area: 8,465 SF.

| Category  | Project Detail                               | Construction Category | Quantity | Unit Cost    | Construction Cost |
|---|--|-----------------------|----------|--------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b> |  |                       |          |              |                   |
| ◇   | <b>Exterior Finishes Modernizations</b>      |                       |          |              |                   |
|   | Patch/Repair Exterior Wood Siding            | Modern. (level 1)     | 1 LS     | \$120,000.00 | \$120,000         |
| <b>Cat. 4 Health</b>                            |  |                       |          |              |                   |
|   | <b>Restroom Modernizations</b>               |                       |          |              |                   |
| ×   | Staff (J-10)                                 | Included in Phase II  | 192 SF   |              | NA                |
|   | Showers (J-04)                               | Included in Phase II  | 468 SF   |              | NA                |
|   | Showers (J-13)                               | Included in Phase II  | 266 SF   |              | NA                |
|   | Lockers (J-01)                               | Included in Phase II  | 2900 SF  |              | NA                |
| <b>Cat. 14 General Building Improvements</b>    |  |                       |          |              |                   |
|   | <b>Replace Existing HV Unit</b>              | Modern. (level 2)     | 1 EA     | \$17,500.00  | \$17,500          |
| ◇   | <b>Electrical Distribution Modernization</b> |                       |          |              |                   |
|   | Electrical Distribution                      | Modern. (level 2)     | 8,500 SF | \$7.25       | \$61,625          |
|   | Receptacles and Wiring                       | Modern. (level 2)     | 8,500 SF | \$0.75       | \$6,375           |
| ×   | <b>Paint @ Exterior</b>                      | Modern. (level 1)     | 6,300 SF | \$1.25       | \$7,875           |
| <b>Sub-Total Probable Construction Cost:</b>    |  |                       |          |              | <b>\$213,375</b>  |



# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building K (Woodshop, Classrooms and Science Labs)

Existing Area: 9,486 SF. Existing program includes a Woodshop, a general Classroom, a Computer Lab, and (2) Science Labs. Modernization has recently been completed in (2) science labs.

| Category  | Project Detail   | Construction Category | Quantity | Unit Cost    | Construction Cost |
|---|--|-----------------------|----------|--------------|-------------------|
| <b>Cat. 3 Recommended Building Improvements</b> |  |                       |          |              |                   |
| ◇   | <b>Exterior Finishes Modernizations</b>                |                       |          |              |                   |
|   | Patch/Repair Exterior Wood Siding                      | Modern. (level 1)     | 1 LS     | \$120,000.00 | <b>\$120,000</b>  |
| <b>Cat. 6 Teaching Stations</b>                 |  |                       |          |              |                   |
|   | <b>Classrooms/Labs Modernization/Reconstruction</b>    |                       |          |              |                   |
| *   | Classroom  | Modern. (level 1)     | 1,332 SF | \$37.69      | <b>\$50,203</b>   |
| *   | Computer Lab   | Modern. (level 1)     | 1,636 SF | \$50.49      | <b>\$82,602</b>   |
| *   | Woodshop   | Modern. (level 1)     | 2,173 SF | \$47.90      | <b>\$104,087</b>  |
| <b>Cat. 10 Technology</b>                       |  |                       |          |              |                   |
| *   | <b>Educational Technology End-use Equipment</b>        | Modern. (level 2)     | 1 LS     | \$63,000.00  | <b>\$63,000</b>   |
| <b>Cat. 14 General Building Improvements</b>    |  |                       |          |              |                   |
|   | <b>Provide New Rooftop Packaged Gas/Electric Units</b> | Modern. (level 2)     | 2 EA     | \$14,500.00  | <b>\$29,000</b>   |
| ◇   | <b>Electrical Distribution Modernization</b>           |                       |          |              |                   |
|   | Electrical Distribution                                | Modern. (level 2)     | 6,836 SF | \$7.25       | <b>\$49,561</b>   |
|   | Receptacles and Wiring                                 | Modern. (level 2)     | 6,836 SF | \$0.75       | <b>\$5,127</b>    |
| *   | <b>Paint @ Exterior</b>                                | Modern. (level 1)     | 6,960 SF | \$1.25       | <b>\$8,700</b>    |
| <b>Sub-Total Probable Construction Cost:</b>    |  |                       |          |              | <b>\$512,279</b>  |

# Piedmont Hills High School

## Full Scope Probable Construction Cost

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### **Building L (Auditorium)**

Modernization has been completed

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Building P (Relocatable Classrooms)

Existing Area: 9,600 SF.

| Category                                     | Project Detail                        | Construction Category | Quantity | Unit Cost  | Construction Cost |
|--|---------------------------------------|-----------------------|----------|------------|-------------------|
| <b>Cat. 8 Demolition</b>                     |                                       |                       |          |            |                   |
| ×  | <b>Relocatable Demolition/Removal</b> |                       |          |            |                   |
|  | Buildings P-01 - P-10                 |                       | 10 EA    | \$3,000.00 | <b>\$30,000</b>   |
| ◇  | <b>Site Demolition</b>                |                       | 10 EA    | \$2,000.00 | <b>\$20,000</b>   |
| <b>Sub-Total Probable Construction Cost:</b> |                                       |                       |          |            | <b>\$50,000</b>   |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### New Small Gym

Proposed Area: 6,500 SF.

| Category                                     | Project Detail | Construction Category | Quantity | Unit Cost | Construction Cost  |
|--|----------------|-----------------------|----------|-----------|--------------------|
| Cat. 11 Teaching Support                     | Small Gym      | New Construction      | 6,500 SF | \$242.34  | \$1,575,210        |
| <b>Sub-Total Probable Construction Cost:</b> |                |                       |          |           | <b>\$1,575,210</b> |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### New Construction of Classrooms and Science Labs

Proposed Area: 9,630 SF. Proposed program includes (6) general classrooms, (2) science labs with shared prep room, and (2) toilet rooms.

| Category                                     | Project Detail  | Construction Category | Quantity | Unit Cost   | Construction Cost  |
|--|---|-----------------------|----------|-------------|--------------------|
| <b>Cat. 4 Health</b>                         |   |                       |          |             |                    |
|  | Restroom New Construction   | New Construction      | 870 SF   | \$200.32    | \$174,278          |
| <b>Cat. 6 Teaching Stations</b>              |   |                       |          |             |                    |
|  | <b>New Construction for Classroom/Lab to Replace Relocatables</b> |                       |          |             |                    |
| x  | (6) Classrooms  | New Construction      | 5,760 SF | \$175.00    | \$1,008,000        |
| x  | (2) Science Labs with Prep Room                                   | New Construction      | 3,000 SF | \$245.79    | \$737,370          |
| <b>Cat. 10 Technology</b>                    |   |                       |          |             |                    |
| x  | Educational Technology End-use Equipment                          | Modern. (level 2)     | 1 LS     | \$45,000.00 | \$45,000           |
| <b>Sub-Total Probable Construction Cost:</b> |   |                       |          |             | <b>\$1,964,648</b> |

### New Construction For Special Education

Proposed Area: 5,480 SF. Proposed area includes (5) Special Ed. Classrooms, an RSP room, and a toilet room

| Category                                     | Project Detail  | Construction Category | Quantity | Unit Cost   | Construction Cost  |
|--|---|-----------------------|----------|-------------|--------------------|
| <b>Cat. 4 Health</b>                         |   |                       |          |             |                    |
|  | Restroom New Construction   | New Construction      | 200 SF   | \$200.32    | \$40,064           |
| <b>Cat. 6 Teaching Stations</b>              |   |                       |          |             |                    |
|  | <b>New Construction for Classroom/Lab to Replace Relocatables</b> |                       |          |             |                    |
| x  | (5) Classrooms  | New Construction      | 4,800 SF | \$175.00    | \$840,000          |
| <b>Cat. 10 Technology</b>                    |   |                       |          |             |                    |
| x  | Educational Technology End-use Equipment                          | Modern. (level 2)     | 1 LS     | \$45,000.00 | \$45,000           |
| <b>Cat. 11 Teaching Support</b>              |   |                       |          |             |                    |
|  | RSP   | New Construction      | 480 SF   | \$175.00    | \$84,000           |
| <b>Sub-Total Probable Construction Cost:</b> |   |                       |          |             | <b>\$1,009,064</b> |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### New Student Services Center

Proposed Area: 3,000 SF.

| Category                                      | Project Detail   | Construction Category | Quantity | Unit Cost | Construction Cost |
|---|------------------|-----------------------|----------|-----------|-------------------|
| Cat. 13 Administration/Staff/Student Services |                  |                       |          |           |                   |
|   | Student Services | New Construction      | 3,000 SF | \$205.07  | \$615,210         |
| <b>Sub-Total Probable Construction Cost:</b>  |                  |                       |          |           | <b>\$615,210</b>  |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### New Faculty Common Work Area

Proposed Area: 2,000 SF.

| Category                                     | Project Detail           | Construction Category | Quantity | Unit Cost | Construction Cost |
|--|--------------------------|-----------------------|----------|-----------|-------------------|
| Cat. 13 Administration/Staff Services        | Faculty Common Work Area | New Construction      | 2,000 SF | \$205.07  | \$410,140         |
| <b>Sub-Total Probable Construction Cost:</b> |                          |                       |          |           | <b>\$410,140</b>  |

# Piedmont Hills High School

## Full Scope Probable Construction Cost



### New Custodial Office

Proposed Area: 1,000 SF.

| Category                                      | Project Detail   | Construction Category | Quantity | Unit Cost | Construction Cost |
|---|------------------|-----------------------|----------|-----------|-------------------|
| Cat. 13 Administration/Staff/Student Services |                  |                       |          |           |                   |
|   | Custodial Office | New Construction      | 1,000 SF | \$205.07  | \$205,070         |
| <b>Sub-Total Probable Construction Cost:</b>  |                  |                       |          |           | <b>\$205,070</b>  |



# Piedmont Hills High School

## Full Scope Probable Construction Cost



### Furniture, Furnishings & Equipment

| Category  | Project Detail                           | Construction Category | Quantity | Unit Cost      | Construction Cost |
|---|--|-----------------------|----------|----------------|-------------------|
| <b>17. Furniture, Furnishings &amp; Equipment</b> |  |                       |          |                |                   |
|   | <b>New Custodial Office</b>              |                       |          |                |                   |
| x   | 7% of New Construction                   | New Construction      | 7 %      | \$205,070      | <b>\$14,355</b>   |
|   | <b>New Faculty Common Work Area</b>      |                       |          |                |                   |
| x   | 7% of New Construction                   | New Construction      | 7 %      | \$410,140      | <b>\$28,710</b>   |
|   | <b>New Student Services Center</b>       |                       |          |                |                   |
| x   | 7% of New Construction                   | New Construction      | 7 %      | \$615,210.00   | <b>\$43,065</b>   |
|   | <b>New Classrooms and Science Labs</b>   |                       |          |                |                   |
| x   | 7% of New Construction                   | New Construction      | 7 %      | \$1,745,370.00 | <b>\$122,176</b>  |
|   | <b>New Special Ed Classrooms and RSP</b> |                       |          |                |                   |
| x   | 7% of New Construction                   | New Construction      | 7 %      | \$924,000.00   | <b>\$64,680</b>   |
|   | <b>Addition to Music Lab</b>             |                       |          |                |                   |
| x   | 7% of New Construction                   | New Construction      | 7 %      | \$61,790.04    | <b>\$4,325</b>    |
|   | <b>Addition to Photo Lab</b>             |                       |          |                |                   |
| x   | 7% of New Construction                   | New Construction      | 7 %      | \$77,817.50    | <b>\$5,447</b>    |
| <b>Sub-Total Probable FF&amp;E Cost:</b>          |  |                       |          |                | <b>\$282,758</b>  |

# Piedmont Hills High School



## Construction Category Descriptions: *Administration*

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### Modernization Level 1

- Architectural
  - Remove and replace floor and ceiling finishes
  - Remove and replace doors and hardware
  - Remove and replace cabinets and counters
  - Remove and replace whiteboards, tackboards, and other attached equipment
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace sinks, faucets and drinking fountains
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - Relocate jacks to meet ADA requirements
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace mechanical package units in same location
  - Remove and replace 50% of plumbing system

- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including Fire alarm System
- Technology
  - Includes scope of Modernization Level 1
  - Remove and replace outdated cabling or add cabling
  - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace cabling
  - Remove, relocate and replace IDF Room and equipment
- Exclusions
  - Hazardous material abatement

# Piedmont Hills High School



## Construction Category Descriptions: *Administration*

---

- Furniture, fixtures and equipment
- Technology end-user equipment

### **New Construction**

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School



## Construction Category Descriptions: *Art Laboratories*

---

### Modernization Level 1

- Architectural
  - Remove and replace floor and ceiling finishes
  - Remove and replace doors and hardware
  - Remove and replace cabinets
  - Remove and replace whiteboards, tackboards, projection screens and other attached equipment
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace sinks, faucets and drinking fountains
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - Relocate jacks to meet ADA requirements
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace mechanical package units in same location
  - Remove and replace 50% of plumbing system

- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
  - Includes scope of Modernization Level 1
  - Remove and replace outdated cabling or add cabling
  - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace cabling
  - Remove, relocate and replace IDF Room and equipment
- Exclusions
  - Hazardous material abatement

# Piedmont Hills High School



## Construction Category Descriptions: *Art Laboratories*

---

- Furniture, fixtures and equipment
- Technology end-user equipment

### **New Construction**

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School



## Construction Category Descriptions: *Computer Laboratories*

---

### Modernization Level 1

- Architectural
  - Remove and replace floor and ceiling finishes
  - Remove and replace doors and hardware
  - Remove and replace cabinets
  - Remove and replace whiteboards, tackboards, projection screens and other attached equipment
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace sinks, faucets and drinking fountains
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - Relocate jacks to meet ADA requirements
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace mechanical package units in same location
  - Remove and replace 50% of plumbing system

- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
  - Includes scope of Modernization Level 1
  - Remove and replace outdated cabling or add cabling
  - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace cabling
  - Remove, relocate and replace IDF Room and equipment
- Exclusions
  - Hazardous material abatement

# Piedmont Hills High School



## Construction Category Descriptions: *Computer Laboratories*

---

- Furniture, fixtures and equipment
- Technology end-user equipment

### **New Construction**

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School



## Construction Category Descriptions: *General Classrooms*

---

### Modernization Level 1

- Architectural
  - Remove and replace floor and ceiling finishes
  - Remove and replace doors and hardware
  - Remove and replace cabinets
  - Remove and replace whiteboards, tackboards, projection screens and other attached equipment
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace sinks, faucets and drinking fountains
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - Relocate jacks to meet ADA requirements
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace mechanical package units in same location
  - Remove and replace 50% of plumbing system

- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
  - Includes scope of Modernization Level 1
  - Remove and replace outdated cabling or add cabling
  - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace cabling
  - Remove, relocate and replace IDF Room and equipment
- Exclusions
  - Hazardous material abatement



# Piedmont Hills High School



## Construction Category Descriptions: *General Classrooms*

---

- Furniture, fixtures and equipment
- Technology end-user equipment

### **New Construction**

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School

## Construction Category Descriptions: *Gymnasium*



### Modernization Level 1

- Architectural
  - Remove and replace ceiling finishes
  - Refinish athletic flooring
  - Remove and replace bleacher seating
  - Remove and replace doors and hardware
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace sinks and faucets
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - None
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
  - None
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - None
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and replace athletic flooring
  - Remove and replace attached sports equipment
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace mechanical package units in same location
  - Remove and replace 50% of plumbing system

# Piedmont Hills High School

## Construction Category Descriptions: *Gymnasium*

---



### New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School

## Construction Category Descriptions: *Library*



### Modernization Level 1

- Architectural
  - Remove and replace floor and ceiling finishes
  - Remove and replace doors and hardware
  - Remove and replace projection screens and other attached equipment
  - Remove and replace cabinets and book shelves
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace sinks, faucets and drinking fountains
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - Relocate jacks to meet ADA requirements
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace mechanical package units in same location
  - Remove and replace 50% of plumbing system

- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including fire alarm systems
- Technology
  - Includes scope of Modernization Level 1
  - Remove and replace outdated cabling or add cabling
  - Upgrade/upgrade IDF Room and upgrade equipment
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace cabling
  - Remove, relocate and replace IDF Room and equipment
- Exclusions
  - Hazardous material abatement

# Piedmont Hills High School



## Construction Category Descriptions: *Library*

---

- Furniture, fixtures and equipment
- Technology end-user equipment

### **New Construction**

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School



## Construction Category Descriptions: *Locker Rooms*

### Modernization Level 1

- Architectural
  - Remove and replace floor and ceiling finishes
  - Remove and replace doors and hardware
  - Remove and replace cabinets
  - Remove and replace lockers and benches
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace sinks, faucets and drinking fountains
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - None
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace mechanical package units in same location
  - Remove and replace 50% of plumbing system

- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
  - None
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - None
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

# Piedmont Hills High School



## Construction Category Descriptions: *Locker Rooms*

---

### New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
  
- Includes grading, services & utilities within 5 feet
  
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School



## Construction Category Descriptions: *Locker Room Shower Areas*

### Modernization Level 1

- Architectural
  - Remove and replace floor, wall and ceiling finishes
  - Remove and replace doors and hardware
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace sinks and faucets
  - Replace shower heads and controls
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - None
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace mechanical package units in same location
  - Remove and replace 50% of plumbing system
- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring

- Remove and replace panel boards in same location
- Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
  - None
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - None
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology



# Piedmont Hills High School



## Construction Category Descriptions: *Locker Room Shower Areas*

---

- Includes grading, services & utilities within 5 feet
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School



## Construction Category Descriptions: *Multi-Purpose Spaces*

---

### **Modernization Level 1**

- Architectural
  - Remove and replace floor and ceiling finishes
  - Remove and replace doors and hardware
  - Remove and replace projection screens and other attached equipment
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace sinks, faucets and drinking fountains
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - Relocate jacks to meet ADA requirements
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### **Modernization Level 2**

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace mechanical package units in same location
  - Remove and replace 50% of plumbing system

- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including fire alarm systems
- Technology
  - Includes scope of Modernization Level 1
  - Remove and replace outdated cabling or add cabling
  - Upgrade/upgrade IDF Room and upgrade equipment
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### **Reconstruction**

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace cabling
  - Remove, relocate and replace IDF Room and equipment
- Exclusions
  - Hazardous material abatement

# Piedmont Hills High School



## Construction Category Descriptions: *Multi-Purpose Spaces*

---

- Furniture, fixtures and equipment
- Technology end-user equipment

### **New Construction**

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School



## Construction Category Descriptions: *Music Laboratories*

---

### Modernization Level 1

- Architectural
  - Remove and replace floor and ceiling finishes
  - Remove and replace doors and hardware
  - Remove and replace cabinets
  - Remove and replace whiteboards, tackboards, projection screens and other attached equipment
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace sinks, faucets and drinking fountains
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - Relocate jacks to meet ADA requirements
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace mechanical package units in same location
  - Remove and replace 50% of plumbing system

- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
  - Includes scope of Modernization Level 1
  - Remove and replace outdated cabling or add cabling
  - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace cabling
  - Remove, relocate and replace IDF Room and equipment
- Exclusions
  - Hazardous material abatement

# Piedmont Hills High School



## Construction Category Descriptions: *Music Laboratories*

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- Furniture, fixtures and equipment
- Technology end-user equipment

### **New Construction**

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School



## Construction Category Descriptions: *Nutrition Services*

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### Modernization Level 1

- Architectural
  - Remove and replace floor and ceiling finishes
  - Remove and replace doors and hardware
  - Remove and replace cabinets and counters
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace hand sinks, faucets and drinking fountains
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - Relocate jacks to meet ADA requirements
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace equipment hoods
  - Remove and replace mechanical package units in same location
  - Remove and replace all other plumbing fixtures and 50% of plumbing system

- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including fire alarm systems
- Technology
  - Includes scope of Modernization Level 1
  - Remove and replace outdated cabling or add cabling
  - Upgrade IDF equipment
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace all plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace cabling
  - Remove, relocate and replace IDF Room and equipment
- Exclusions
  - Hazardous material abatement

# Piedmont Hills High School



## Construction Category Descriptions: *Nutrition Services*

---

- Furniture, fixtures and equipment
- Technology end-user equipment

### **New Construction**

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School



## Construction Category Descriptions: *Restrooms*

### Modernization Level 1

- Architectural
  - Remove and replace floor and ceiling finishes
  - Remove and replace doors and hardware
  - Remove and replace toilet partitions
  - Remove and replace mirrors, air dryers, soap and towel dispensers, trash receptacles, etc.
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace sinks and faucets
  - Replace toilets and urinals
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - None
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and relocate toilets, urinals and sinks
  - Remove and replace 50% of plumbing system
  - Remove and replace ducting
  - Remove and replace mechanical package units in same

### location

- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including fire alarm systems
- Technology
  - None
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - None
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment



# Piedmont Hills High School

## Construction Category Descriptions: *Restrooms*

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### New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
  
- Includes grading, services & utilities within 5 feet
  
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School



## Construction Category Descriptions: *Science Laboratories*

### Modernization Level 1

- Architectural
  - Remove and replace floor and ceiling finishes
  - Remove and replace doors and hardware
  - Remove and replace cabinets
  - Remove and replace whiteboards, tackboards, projection screens and other attached equipment
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Remove and replace fume hoods
  - Remove and Replace sinks and faucets
  - Remove and replace gas valves
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - Relocate jacks to meet ADA requirements
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace mechanical package units in same location

- Remove and replace 50% of plumbing system

- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
  - Includes scope of Modernization Level 1
  - Remove and replace outdated cabling or add cabling
  - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace cabling
  - Remove, relocate and replace IDF Room and equipment

# Piedmont Hills High School



## Construction Category Descriptions: *Science Laboratories*

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- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### **New Construction**

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School

## Construction Category Descriptions: *Theater*



### Modernization Level 1

- Architectural
  - Remove and replace floor and ceiling finishes
  - Remove and replace doors and hardware
  - Remove and replace cabinets
  - Remove and replace theater seating
  - Remove and replace projection screens and other attached equipment
  - Remove and replace stage rigging, curtains and equipment
  - Interior paint
- Structural
  - None
- Mechanical & Plumbing
  - Replace registers and grilles
  - Replace sinks, faucets and drinking fountains
  - Relocate thermostats to meet ADA requirements
- Electrical
  - Replace light fixtures
  - Replace theatrical light fixtures
  - Relocate outlets and switches to meet ADA requirements
  - Replace fire alarm system devices
- Technology
  - Relocate jacks to meet ADA requirements
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### Modernization Level 2

- Architectural
  - Includes scope of Modernization Level 1
  - Remove and relocate up to 50% of interior non-bearing partitions
  - Remove and replace 50% of interior wall finish
  - Remove and replace roofing
  - Exterior paint
- Structural
  - None
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1
  - Remove and replace ducting
  - Remove and replace mechanical package units in same

- location
  - Remove and replace 50% of plumbing system
- Electrical
  - Includes scope of Modernization Level 1
  - Remove and replace 50% of conduits and wiring
  - Remove and replace panel boards in same location
  - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
  - Includes scope of Modernization Level 1
  - Remove and replace outdated cabling or add cabling
  - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology wireless networking and end-user equipment

### Reconstruction

- Architectural
  - Includes scope of Modernization Level 1 & 2
  - Remove and relocate interior non-bearing partitions
  - Remove and replace interior finish
  - Remove and replace exterior finish
  - Remove, relocate and replace windows
  - Remove, relocate and replace doors
- Structural
  - Upgrade and provide additional shear walls
  - Upgrade and provide additional roof structure support
  - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
  - Includes scope of Modernization Level 1 & 2
  - Remove, relocate and replace mechanical system
  - Remove, relocate and replace plumbing system
- Electrical
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace conduits and wiring
  - Remove, relocate and replace panel boards
  - Remove and replace special low voltage systems
- Technology
  - Includes scope of Modernization Level 1 & 2
  - Remove and replace cabling
  - Remove, relocate and replace IDF Room and equipment

# Piedmont Hills High School

## Construction Category Descriptions: *Theater*

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- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment

### **New Construction**

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
  - Hazardous material abatement
  - Furniture, fixtures and equipment
  - Technology end-user equipment
  - Grading, services & utilities beyond 5 feet
  - Landscape and paving

# Piedmont Hills High School



## Errata/Revision History

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The following are changes and corrections made to the Master Plan after District approval: