BRIEFINGS (OUTSIDE OF BOARD MEETINGS)
- these briefings were presented to various college constituents during college open forums, planning & budget committee meetings and various college division meetings.

November 11, 2015 Capital Improvement Program Update Forum
October 12, 2016 CAN B1 Faculty and Staff Update
April 19, 2017 Capital Improvement Program Update Forum
October 27, 2017 Capital Improvement Program Update Forum
April 5, 2018 Capital Improvement Program Update Forum
October 17, 2018 Capital Improvement Program Update Forum
November 8, 2018 Capital Improvement Program Update Forum
March 14, 2019 Capital Improvement Program Update Forum (also presented at 2/28/19 Forum)
March 15, 2019 Capital Improvement Program Update Forum
April 23, 2019 Capital Improvement Program Update Forum
Capital Improvement Program
Phase 3(CIP3)

NOVEMBER 6, 2015

CAÑADA COLLEGE CIP3 UPDATE FORUM
Agenda

• Program Overview

• Program Budget Overview
  ◦ Cañada College
  ◦ College of San Mateo
  ◦ Skyline College
  ◦ Districtwide

• Cañada College Projects

• Summary Schedule

• Q & A
CIP3 Planning Efforts Currently Underway

• Scheduling Consultant – Contract Awarded to AECOM (April 2015)
• California Environmental Quality Act (CEQA) – Winter 2015
• Construction Management (PM/CM) – Swinerton (March 2015)
• Design Standards Revision – Completed (June 2015)
• Swing Space Planning (ONUMA) – In Progress
• Architect and Engineer (A&E) Selection for Design of First Wave Projects – Completed (April 2015)
• 2016 Annual General Contractor and Major Subcontractor Prequalification Process – In Progress
• Project Labor Stabilization Agreement – Amendment in Progress
• Contract Template Development – In Progress
Project Budget Overview
## Funding Sources

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>Measure H</td>
<td>$388,000,000</td>
</tr>
<tr>
<td>Measure H Anticipated Interest</td>
<td>$15,000,000</td>
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<tr>
<td>Measure A</td>
<td>$4,000,000</td>
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<tr>
<td>Fund 4</td>
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<tr>
<td><strong>Potential State Capital Outlay</strong></td>
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<tr>
<td>Solar Grant</td>
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<tr>
<td><strong>TOTAL:</strong></td>
<td><strong>$481,000,000</strong></td>
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## Program Budget Summary

<table>
<thead>
<tr>
<th>Facility</th>
<th>February 2014 Conceptual Budget</th>
<th>July 2014 Conceptual Budget</th>
<th>Current Cost Projection</th>
<th>Recommended Total Program Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cañada College</td>
<td>$150,979,900</td>
<td>$110,000,000</td>
<td>$175,081,979</td>
<td>$165,600,000</td>
</tr>
<tr>
<td>College of San Mateo</td>
<td>$104,415,000</td>
<td>$105,000,000</td>
<td>$155,574,249</td>
<td>$156,100,000</td>
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<tr>
<td>Skyline College</td>
<td>$227,250,000</td>
<td>$127,000,000</td>
<td>$223,208,240</td>
<td>$170,400,000</td>
</tr>
<tr>
<td>District Wide</td>
<td>$163,800,000</td>
<td>$46,000,000</td>
<td>$54,000,000</td>
<td>$38,000,000</td>
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<tr>
<td><strong>Grand Total:</strong></td>
<td><strong>$646,444,900</strong></td>
<td><strong>$388,000,000</strong></td>
<td><strong>$607,864,468</strong></td>
<td><strong>$530,100,000</strong></td>
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</tbody>
</table>
### Cañada College

<table>
<thead>
<tr>
<th>Project</th>
<th>February 2014 Conceptual Budget</th>
<th>July 2014 Conceptual Budget</th>
<th>Current Cost Projection</th>
<th>Recommended Project Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kinesiology and Wellness (B1N)</td>
<td>$42,000,000</td>
<td>$55,000,000</td>
<td>$91,000,000*</td>
<td>$87,000,000</td>
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<tr>
<td>Humanities/Arts/Theater Building (B3)</td>
<td>$6,329,900</td>
<td>$5,000,000</td>
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<td>$6,000,000</td>
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<tr>
<td>Library &amp; Learning Resource Center Reconfiguration (B9)</td>
<td>$3,000,000</td>
<td>$0</td>
<td>$7,000,000</td>
<td>$1,500,000</td>
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<tr>
<td>Multiple Program Instructional Center (FPP) (B13)</td>
<td>$9,400,000</td>
<td>$10,000,000</td>
<td>$12,800,000</td>
<td>$12,800,000</td>
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<tr>
<td>Physical Life Science Secondary Effects (B16 &amp; 18)</td>
<td>$0</td>
<td>$0</td>
<td>$3,073,429</td>
<td>$3,000,000</td>
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<tr>
<td>Math/Science/Technology (B23N)</td>
<td>$42,250,000</td>
<td>$40,000,000</td>
<td>$55,208,550</td>
<td>$55,300,000</td>
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<tr>
<td>Northwest Campus Development (Included in B23N)</td>
<td>$3,000,000</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
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<tr>
<td>Future Science/Allied Health/ Workforce Development (N)</td>
<td>$40,000,000</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
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<tr>
<td>Renewable and Alternative Energy Projects</td>
<td>$5,000,000</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>$150,979,900</strong></td>
<td><strong>$110,000,000</strong></td>
<td><strong>$175,081,979</strong></td>
<td><strong>$165,600,000</strong></td>
</tr>
</tbody>
</table>
## College of San Mateo

<table>
<thead>
<tr>
<th>Project</th>
<th>February 2014 Conceptual Budget</th>
<th>July 2014 Conceptual Budget</th>
<th>Current Cost Projection</th>
<th>Recommended Project Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Safety and Health Services (B1)</td>
<td>$12,465,000</td>
<td>$5,000,000</td>
<td>$1,700,000</td>
<td>$1,700,000</td>
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<tr>
<td>Humanities &amp; Arts (B3)</td>
<td>$10,000,000</td>
<td>$3,000,000</td>
<td>$12,133,949*</td>
<td>$12,200,000</td>
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<tr>
<td>Health &amp; Wellness Center Expansion (B5)</td>
<td>$0</td>
<td>$30,000,000</td>
<td>$0</td>
<td>$0</td>
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<tr>
<td>Physical Education &amp; Kinesiology (B8N)</td>
<td>$47,450,000</td>
<td>$40,000,000</td>
<td>$70,000,000</td>
<td>$70,000,000</td>
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<tr>
<td>Library Modernization FPP (B9)</td>
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<td>$10,000,000</td>
<td>$9,140,000</td>
<td>$9,200,000</td>
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<tr>
<td>Multi-Disciplinary (B12)</td>
<td>$4,000,000</td>
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<td>$0</td>
<td>$0</td>
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<tr>
<td>Student Life &amp; Learning Communities (B17)</td>
<td>$0</td>
<td>$0</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
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<tr>
<td>Center for Emerging Technologies (B19)</td>
<td>$8,500,000</td>
<td>$15,000,000</td>
<td>$59,600,300</td>
<td>$60,000,000</td>
</tr>
<tr>
<td>Facilities Maintenance Center (B7) &amp; Corp Yard</td>
<td>$12,000,000</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>$104,415,000</strong></td>
<td><strong>$105,000,000</strong></td>
<td><strong>$155,574,249</strong></td>
<td><strong>$156,100,000</strong></td>
</tr>
</tbody>
</table>
## Social Science and Creative Arts (B1N)
- **February 2014 Conceptual Budget**: $97,500,000
- **July 2014 Conceptual Budget**: $100,000,000
- **Current Cost Projection**: $159,000,000
- **Recommended Project Budget**: $110,000,000

## Workforce and Economic Development Prosperity Center (FPP) (B2)
- **February 2014 Conceptual Budget**: $8,000,000
- **July 2014 Conceptual Budget**: $0
- **Current Cost Projection**: $13,200,000
- **Recommended Project Budget**: $13,200,000

## Library/Learning Resource (B5)
- **February 2014 Conceptual Budget**: $10,000,000
- **July 2014 Conceptual Budget**: $10,000,000
- **Current Cost Projection**: $9,000,000
- **Recommended Project Budget**: $9,000,000

## Environmental Science (B12N)
- **February 2014 Conceptual Budget**: $0
- **July 2014 Conceptual Budget**: $12,000,000
- **Current Cost Projection**: $28,682,243*
- **Recommended Project Budget**: $28,700,000

## Early Childhood Education (B14)
- **February 2014 Conceptual Budget**: $5,500,000
- **July 2014 Conceptual Budget**: $2,000,000
- **Current Cost Projection**: $1,500,000
- **Recommended Project Budget**: $1,500,000

## Career & Sustainable Technology (B15N)
- **February 2014 Conceptual Budget**: $0
- **July 2014 Conceptual Budget**: $0
- **Current Cost Projection**: $8,825,997*
- **Recommended Project Budget**: $0

## Pac Heights (B19) & North Campus Improvements
- **February 2014 Conceptual Budget**: $5,500,000
- **July 2014 Conceptual Budget**: $3,000,000
- **Current Cost Projection**: $3,000,000
- **Recommended Project Budget**: $8,000,000

## Physical Education & Kinesiology (N)
- **February 2014 Conceptual Budget**: $100,750,000
- **July 2014 Conceptual Budget**: $0
- **Current Cost Projection**: $0
- **Recommended Project Budget**: $0

### Total
- **February 2014 Conceptual Budget**: $227,250,000
- **July 2014 Conceptual Budget**: $127,000,000
- **Current Cost Projection**: $223,208,240
- **Recommended Project Budget**: $170,400,000
## Districtwide Project List

<table>
<thead>
<tr>
<th>Project</th>
<th>February 2014 Conceptual Budget</th>
<th>July 2014 Conceptual Budget</th>
<th>Current Cost Projection</th>
<th>Recommended Project Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>DW Instructional Equipment</td>
<td>$20,000,000</td>
<td>$5,000,000</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Parking Lot and Roadway Repair/Resurface</td>
<td>$15,000,000</td>
<td>$20,000,000</td>
<td>$20,000,000</td>
<td>$15,000,000</td>
</tr>
<tr>
<td>Campus Utilities Upgrades and Repairs</td>
<td>$7,800,000</td>
<td>$15,000,000</td>
<td>$15,000,000</td>
<td>$10,000,000</td>
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<tr>
<td>Network Infrastructure &amp; Phone System Upgrade</td>
<td>$35,000,000</td>
<td>$15,000,000</td>
<td>$10,000,000</td>
<td>$10,000,000</td>
</tr>
<tr>
<td>Swing Space</td>
<td>$6,000,000</td>
<td>$0</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
</tr>
<tr>
<td>Surveillance/Camera/ACAMs/EAS Upgrades</td>
<td>$3,000,000</td>
<td>$1,000,000</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Technology Upgrades</td>
<td>$47,000,000</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Data Center</td>
<td>$20,000,000</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Renewable and Sustainable Energy Projects</td>
<td>$10,000,000</td>
<td>$5,000,000</td>
<td>$6,000,000</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$163,800,000</strong></td>
<td><strong>$46,000,000</strong></td>
<td><strong>$54,000,000</strong></td>
<td><strong>$38,000,000</strong></td>
</tr>
</tbody>
</table>
Recommended First Wave Projects and Delivery Methods

<table>
<thead>
<tr>
<th>Campus</th>
<th>Project</th>
<th>Delivery Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cañada College</td>
<td>Kinesiology &amp; Wellness (B1N)</td>
<td>CMAR</td>
</tr>
<tr>
<td>Cañada College</td>
<td>Math/Science/Technology (B23N)</td>
<td>CMAR</td>
</tr>
<tr>
<td>College of San Mateo</td>
<td>Humanities &amp; Arts (B3)</td>
<td>CMAR</td>
</tr>
<tr>
<td>College of San Mateo</td>
<td>Student Life &amp; Learning Communities (B17)</td>
<td>Design-Bid-Build</td>
</tr>
<tr>
<td>College of San Mateo</td>
<td>Center for Emerging Technologies (B19)</td>
<td>Design-Build</td>
</tr>
<tr>
<td>Skyline College</td>
<td>Social Science &amp; Creative Arts (B1N)</td>
<td>Design-Build</td>
</tr>
<tr>
<td>Skyline College</td>
<td>Environmental Science (B12N)</td>
<td>CMAR</td>
</tr>
</tbody>
</table>
Cañada College Building 1N: Kinesiology & Wellness

- **Budget** $87,000,000
  - Measure H
- **Project Scope**
  - Construct a New 84,500 GSF Wellness and Kinesiology Building (B1)
  - Elements of the Program: Separate enterprise and student locker and shower facilities, basketball gym, dance studios, entrance lobby, offices, outdoor competition and instructional swimming pools
- **Schedule**
  - Construction start in Q1 2017; Completion Q3 2019
Cañada College Building 1N Rendering– North East Elevation
CAN B1 Rendering—Main Entry—West Elevation
CAN B1 Rendering– Pool Deck
CAN B1 Rendering– Basketball Court
1st Floor Plan - 45,910 sf - DRAFT
2nd Floor Plan - 36,970 sf - DRAFT
Cañada College Building 23N: Math/Science

- **Budget**: $55,300,000
  - Measure H

- **Project Scope**
  - Construct a New 48,000 GSF Math and Science Building (B23)
  - Elements of the Program: Classrooms, Science Laboratories and Lab Prep Spaces, Large and Medium Lecture Halls, Offices

- **Schedule**
  - Construction start in Q2 2017; Completion Q3 2019
Cañada College Building 23N
Site Plan 1
Cañada College Building 23N
Second Floor Plan – Conceptual Design
Cañada College Building 23N
Third Floor Plan – Conceptual Design

"FACILITIES EXCELLENCE"
# First Wave Project Schedule

<table>
<thead>
<tr>
<th>Project (Delivery Method)</th>
<th>Update Boilerplate &amp; Div 0/1</th>
<th>Issue RFSOQ/P or RFP</th>
<th>Receive Proposals</th>
<th>BOT CM/GC Approval</th>
<th>Issue A/E Contract</th>
<th>Issue CM/GC Contract</th>
<th>Vacate/Start Construction</th>
<th>Start Occupancy</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN B1N (CMAR)</td>
<td>12/31/15</td>
<td>1/11/16</td>
<td>2/5/16</td>
<td>3/23/16</td>
<td>3/24/16</td>
<td>3/24/16</td>
<td>2/1/17</td>
<td>10/1/19</td>
</tr>
<tr>
<td>CAN B23N (CMAR)</td>
<td>12/31/15</td>
<td>2/11/16</td>
<td>3/10/16</td>
<td>4/20/16</td>
<td>4/21/16</td>
<td>4/21/16</td>
<td>6/1/17</td>
<td>6/1/19</td>
</tr>
<tr>
<td>CSM B3 (CMAR)</td>
<td>12/31/15</td>
<td>1/11/16</td>
<td>2/5/16</td>
<td>3/23/16</td>
<td>3/24/16</td>
<td>3/24/16</td>
<td>5/1/17</td>
<td>5/1/19</td>
</tr>
<tr>
<td>CSM B17 (DBB)</td>
<td>12/31/15</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>1/7/16</td>
<td>4/26/17</td>
<td>4/26/17</td>
<td>4/30/18</td>
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<tr>
<td>CSM B19N (DB)</td>
<td>12/31/15</td>
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<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
</tr>
<tr>
<td>SKY B1N (DB)</td>
<td>12/31/15</td>
<td>SOQ 2/15/16 RFP 3/28/16</td>
<td>6/19/16</td>
<td>8/10/16</td>
<td>8/11/16</td>
<td>8/11/16</td>
<td>10/1/17</td>
<td>4/30/20</td>
</tr>
<tr>
<td>SKY B12N (CMAR)</td>
<td>12/31/15</td>
<td>2/11/16</td>
<td>3/10/16</td>
<td>4/20/16</td>
<td>4/21/16</td>
<td>4/21/16</td>
<td>4/1/17</td>
<td>8/1/19</td>
</tr>
</tbody>
</table>
Process of a Project

- Programming
- Schematic Design
- Design Development
- Construction Documents
- Permitting
- FF&E Surplus and Hazmat
- Demolition of (e) Building 1
- Procurement
- Construction
- FF&E Installation
- Commissioning
- Building Occupancy
Questions and Answers
Cañada College B1N New Kinesiology and Wellness

Faculty and Staff Update

OCTOBER 12, 2016
Agenda

• Introduction
• Where We’ve Been
• Where We Are
• Where We’re Going
• Questions
Where We’ve Been- High Level

• BCA Architects Selected in 2013
  ◦ Initial programming and schematic design

• Lease-Leaseback (LLB) Delivery Method Selection 2014

• California Supreme Court Ruling July 2015 – LLB

• Other Alternative Delivery Method Evaluation August 2015 to February 2016

• Design-Build Delivery Method Selected February 2016

• Request for Statements of Qualifications Issued May 2016

• Request for Proposals Issued June 2016

• Board of Trustees Approved Contract Award September 2016

• Design Concept October 2016

• Program Validation Resumes November 2016
Where We’ve Been - Staff and Faculty

Programming and Design Meeting Dates

- 10/21/2013 - Programming Meeting – Cañada Faculty
- 01/31/2014 - Programming Meeting – Cañada Faculty and Enterprise
- 09/29/2014 - Conceptual Design Presentation – Cañada Faculty
- 3/13/2015 - Schematic Design Update – Cañada Faculty
- 10/22/2015 - BCA Presentation of Schematic Design to Cañada Faculty
- 11/6/2015 - Facilities CIP 3 Program Update and Forum with Cañada Faculty and Staff
- 5/9/2016 - Review of BCA Locker Room Options with Cañada Faculty
## BCA Programming Matrix

### Canada College Center for Kinesiology and Human Performance - Perford Program

<table>
<thead>
<tr>
<th>LOCKER ROOM - FEMALE</th>
<th>NUMBER OF STATIONS</th>
<th>REQUIRED SPACE / STATION (SF)</th>
<th>Square Feet (SF)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Enterprise Program (150)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Showers with no changing room (changing space -50%)</td>
<td>11</td>
<td>40</td>
<td>440</td>
</tr>
<tr>
<td>Water Closet</td>
<td>9</td>
<td>25</td>
<td>225</td>
</tr>
<tr>
<td>Sink</td>
<td>6</td>
<td>25</td>
<td>150</td>
</tr>
<tr>
<td>Dry Grooming (30' x1 each)</td>
<td>2</td>
<td>12</td>
<td>24</td>
</tr>
<tr>
<td>Locker Frames of interior bench (60x1-door,20x2-door)</td>
<td>10</td>
<td>8</td>
<td>80</td>
</tr>
<tr>
<td>Changing Room</td>
<td>6</td>
<td>20</td>
<td>120</td>
</tr>
<tr>
<td>Towel Distribution / Collection Milton</td>
<td>2</td>
<td>10</td>
<td>20</td>
</tr>
</tbody>
</table>

| **Academic Program - Canada College** | | | |
| Student (150) | | | |
| Showers with no changing room (changing space -50%) | 3 | 40 | 120 |
| Water Closet | 3 | 35 | 105 |
| Sink | 1 | 25 | 25 |
| Dry Grooming (30' x1 each) | 2 | 12 | 24 |
| Locker Frames of interior bench (60x1-door,20x2-door) | 70 | 8 | 560 |
| Changing Room | 1 | 20 | 20 |
| Towel Distribution / Collection Milton | 1 | 40 | 40 |
| Team Room | 25 | 10 | 250 |

| Staff (10) | | | |
| Showers with no changing room (changing space -50%) | 2 | 40 | 80 |
| Water Closet | 2 | 25 | 50 |
| Sink | 2 | 25 | 50 |
| Dry Grooming (30' x1 each) | 2 | 12 | 24 |
| Locker Frames of interior bench (60x1-door,20x2-door) | 10 | 8 | 80 |
| Changing Room | 2 | 20 | 40 |
| Towel Distribution / Collection Milton | 1 | 40 | 40 |

**Female LR Size (SF):** 3,706  | **TOTAL SPACE (SF):** 110,650  | **TOTAL CIRCULATION (SF):** 4,913  | **TOTAL INTERIOR SPACE WITH CIRCULATION (SF):** 125,563

### Canada College Center for Kinesiology and Human Performance - Integrated Program

<table>
<thead>
<tr>
<th>LOCKER ROOM - FEMALE</th>
<th>NUMBER OF STATIONS</th>
<th>SPACE / STATION (SF)</th>
<th>Square Feet (SF)</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
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<tr>
<td>Dry Grooming (30' x1 each)</td>
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<td>20</td>
<td>120</td>
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<tr>
<td>Towel Distribution / Collection Milton</td>
<td>2</td>
<td>10</td>
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</tbody>
</table>

| **Academic Program - Canada College** | | | |
| Student (150) | | | |
| Showers with no changing room (changing space -50%) | 3 | 40 | 120 |
| Water Closet | 3 | 35 | 105 |
| Sink | 3 | 25 | 75 |
| Dry Grooming (30' x1 each) | 2 | 12 | 24 |
| Locker Frames of interior bench (60x1-door,20x2-door) | 70 | 8 | 560 |
| Changing Room | 1 | 20 | 20 |
| Towel Distribution / Collection Milton | 1 | 40 | 40 |
| Team Room | 25 | 10 | 250 |

| Staff (10) | | | |
| Showers with no changing room (changing space -50%) | 2 | 40 | 80 |
| Water Closet | 2 | 25 | 50 |
| Sink | 2 | 25 | 50 |
| Dry Grooming (30' x1 each) | 2 | 12 | 24 |
| Locker Frames of interior bench (60x1-door,20x2-door) | 10 | 8 | 80 |
| Changing Room | 2 | 20 | 40 |
| Towel Distribution / Collection Milton | 1 | 40 | 40 |

**Female LR Size (SF):** 3,526  | **TOTAL SPACE (SF):** 92,193  | **TOTAL CIRCULATION (SF):** 4,913  | **TOTAL INTERIOR SPACE WITH CIRCULATION (SF):** 97,112

---

"FACILITIES EXCELLENCE"
Schematic Design Site Plan
March 2015 Schematic Design

- Add BCA programming matrix and adjacencies dwgs
- Add BCA schematic site plan and floor plans
- Add BCA team room sketches and which one was selected
Schematic Design Rendering
Team Room Layout - Option 2
Design Build Procurement Process

Two Step “Best Value” Qualifications + Cost

- Employs evaluation criteria traditionally used for qualifications-based selection along with a prequalification questionnaire based on the Department of Industrial Relations’ guidelines
- Allows for a larger pool of qualified firms to participate

Request for Statement of Qualifications

- Three highest ranked Design-Build Entities are invited to participate
- Employs objective evaluation criteria as required per Education Code 81700; price, technical expertise, life cycle costs, skilled labor force availability, and acceptable safety record
- Allows for price or costs to be considered with qualifications

Request for Proposals
Cañada B1N Kinesiology and Wellness DBE Selection Team

District Representatives
- José D. Nuñez, Vice Chancellor, Facilities Planning, Maintenance & Operations
- Chris Strugar-Fritsch, Director of Capital Projects
- Yanely Pulido, Contracts Manager
- Joe Fullerton, Energy and Sustainability Manager

Campus Representatives
- Jamillah Moore, President
- Michelle Marquez, Vice President, Administrative Services
- Karen Pinkham, Interim Facilities Manager

Construction Management
- Anne Daley, Swinerton Management & Consulting, Program Director
- Greg Cheifetz, Swinerton Management & Consulting, Campus Construction Manager
## RFSOQ Selection Process Schedule

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
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<tbody>
<tr>
<td>RFSOQ Invitation Issued:</td>
<td>Monday, May 2, 2016</td>
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<tr>
<td>Mandatory Pre-Qualification Conference:</td>
<td>Tuesday, May 10 and Thursday, May 12, 2016</td>
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<tr>
<td>Last Day for Written RFI’s:</td>
<td>Friday, May 20, 2016</td>
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<tr>
<td>Last Day to Issue Addenda:</td>
<td>Wednesday, May 25, 2016</td>
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<tr>
<td>Statement of Qualifications Due at District Office:</td>
<td>Thursday, June 2, 2016 between 12:00 p.m. and 2:00 p.m. sharp.</td>
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<tr>
<td>Issue RFP to Short List:</td>
<td>Monday, June 20, 2016</td>
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<tr>
<td>Interviews Held:</td>
<td>Week of August 1, 2016</td>
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<tr>
<td>Issue Notice of Intent to Award:</td>
<td>Tuesday, September 6, 2016</td>
</tr>
<tr>
<td>SMCCCD Board of Trustees Meeting (anticipated contract approval):</td>
<td>Wednesday, September 28, 2016</td>
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<tr>
<td>Issue Notice of Award:</td>
<td>Thursday, September 29, 2016</td>
</tr>
<tr>
<td>District Issues Notice to Proceed Letter:</td>
<td>October 2016</td>
</tr>
</tbody>
</table>
# Cañada B1N Kinesiology and Wellness

SOQ Master Evaluation Matrix

---

### MASTER EVALUATION: RFSOQ # 86730

Cañ B1 Kinesiology and Wellness/Aquatics Center Project

<table>
<thead>
<tr>
<th>Evaluation Criteria</th>
<th>DEB 1 - DPR/LPA</th>
<th>DEE 2 - Black/ELS</th>
<th>DEE 3 - Bund/EPA Inc</th>
<th>DEE 4 - McCarthy/Kenner Harris</th>
<th>DEE 5 - Metc/Inland</th>
<th>DEE 6 - Turner/HAMID</th>
<th>DEE 7 - Landlease/HOK</th>
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<tr>
<td>Prequalification</td>
<td>PASS</td>
<td>PASS</td>
<td>PASS</td>
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<td>Max Score</td>
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<td>Average Score</td>
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<td>87.6</td>
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<td>RFP Section 6 – The three highest ranked firms who confirm their willingness and ability to continue in the process will receive the RFP.</td>
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</tbody>
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**"FACILITIES EXCELLENCE"**

13
## RFP Selection Process Schedule

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue RFP to Short List:</td>
<td>Monday, June 20, 2016</td>
</tr>
<tr>
<td>Pre-Proposal Mandatory Conference:</td>
<td>Thursday, June 30, 2016 at 9:00AM</td>
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<tr>
<td>Confidential Meetings:</td>
<td>Thursday, July 14: Sundt 8:00AM, DPR 1:30PM; Friday, July 15: Blach 8:00AM; Thursday, July 21: 1:00 to 5:00 PM</td>
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<tr>
<td>Last Day to submit questions about RFP:</td>
<td>Wednesday, July 20, 2016</td>
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<td>Final RFP Addendum issued:</td>
<td>Friday, July 22, 2016</td>
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<tr>
<td>Design-Build Proposals due at District Office:</td>
<td>Friday, July 29, 2016 between 12:00PM and 2:00PM</td>
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<td>Proposing firms interviewed:</td>
<td>Thursday, August 4, 2016</td>
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<td>Best and Final Offers Due:</td>
<td>Monday, August 8, 2016</td>
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<tr>
<td>Notice of Intent to Award:</td>
<td>Tuesday, August 9, 2016</td>
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<tr>
<td>Board Information Briefing:</td>
<td>Wednesday, August 24, 2016</td>
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<tr>
<td>Board Approval:</td>
<td>Wednesday, September 14, 2016</td>
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</table>
**RFP Master Evaluation Matrix – Total Proposal Scores**

*RFP Section 9.12 – The winner will be the Proposer with the highest combined technical and fee scores.*
Where We Are
RIDGE LINE VIEWS

SUN HAT

ROOF?
APPROACH
Outreach and Collaboration
Stakeholder Consensus Building

Under the direction of SMCCCD and Canada Leadership, identify and reach out to stakeholders critical to Participatory Governance Process.
Initiate Interviews with SMCCD and Canada Leadership/Coaching Staff, Instructors and Student Representatives to confirm needs/issues/goals

Previously established for following activities: Kinesiology, Athletics, Dance and Physical Education
Record Needs/Issues/Goals and apply determine Priority.

Presentation to leadership results of interviews and priority ranking.

Prepare a memo report on findings.
identify potential “space partnering” opportunities, greater separation requirements, adjacency communication pluses and minus, potential resource sharing.

Prepare a memo report on findings
CONSENSUS BUILDING

Final Presentation on Adjacency Planning and Space Allocation
Where we’re going- Preliminary project schedule

Oct 26, 2016: Board of Trustees update presentation

Jan 2017: Approve schematic design

Dec 2017: Demolition of existing B1

Oct 2019: Construction complete

Nov 12, 2016: Resume program validation and schematic design review with faculty and Auxiliary services

Feb 2017: Begin design development

Feb 2018: Construction start

Jan 2020: Academic use
Where We’re Going

• Team houses
• Swing Space Planning
  ◦ On-site
  ◦ CSM: Off-site
Questions
Capital Improvement Program
Phase 3 (CIP3)

APRIL 19, 2017

CAÑADA COLLEGE CIP3 UPDATE FORUM

"FACILITIES EXCELLENCE"
Agenda

• CIP3 Planning Efforts
• Program Budget Overview
• Program Overview
  ◦ Cañada College Building 1N
  ◦ Cañada College Building 23N
  ◦ Cañada College other projects
• Tentative Schedule and Logistics
• Q & A
CIP3 Planning Efforts

• Scheduling Consultant – Contract Awarded to AECOM (April 2015)
• California Environmental Quality Act (CEQA) – Completed (Winter 2015)
• Construction Management (PM/CM) – Contract Awarded to Swinerton (March 2015)
• Design Standards Revision – Completed (June 2015)
• Swing Space Planning (ONUMA) – In Progress
• Architect and Engineer (A&E) Selection for Design of First Wave Projects – Completed (April 2015)
• Design Build Entity Selection (CAN B1N, SKY B12N, CAN B23N, SKY1N) – Complete
• Design Build Entity Selection – In Progress (CSM Solar)
• 2017 Annual General Contractor and Major Subcontractor Prequalification Process – Complete
• Project Labor Stabilization Agreement – Amendment Approved by BOT (March 2016), Execution in Process
Project Budget Overview
### Project Recommendations

<table>
<thead>
<tr>
<th>Project</th>
<th>Recommended Project Budget</th>
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<tbody>
<tr>
<td>Kinesiology and Wellness (B1N)</td>
<td>$108,000,000</td>
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<tr>
<td>Math Science Technology (B23N)</td>
<td>$55,800,000</td>
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<tr>
<td>Library and LRC Reconfiguration (B9)</td>
<td>$1,500,000</td>
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<tr>
<td>ADA Access Compliance (Ramp Upgrades)</td>
<td>$660,000</td>
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<tr>
<td>Central Plant Upgrade (B3)</td>
<td>$2,000,000</td>
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<tr>
<td>B16 &amp; 18 Secondary Effects</td>
<td>$3,000,000</td>
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<tr>
<td>Multiple Program instruction Center FPP (B13)</td>
<td>$12,800,000</td>
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<tr>
<td><strong>Total:</strong></td>
<td><strong>$183,760,000</strong></td>
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</tbody>
</table>
Project Program Overview
Cañada College  Kinesiology & Wellness Building (B1N)

- Budget $108,000,000
  - Measure H
- Project Scope
  - Demolish existing Gymnasium and Construct a new 85,000 GSF Kinesiology & Wellness Building (B1N)
  - The new building is a two story structure including a roof activated with athletic programs. It will house both academic and enterprise facilities, including classrooms for wellness activities, an extensive fitness center to serve both instructional and member uses, a NCAA competition basketball and volleyball gymnasium, locker and shower facilities, offices and auxiliary facilities. To the east of the building will be a competition pool and an instructional wellness pool. Parking Lot 6 will be expanded by 335 spaces and Parking Lot 4 will be replaced with a South Quad landscape area as the tie in to the new building.
- Status
  - Design Build Entity Blach Construction / ELS Architects is currently in Design Development Phase.
  - Construction documents for Increment 1 site work will be submitted to DSA August 1, 2017
  - Construction documents for Increment 2 building will be submitted to DSA December 1, 2017
- Tentative Construction Schedule
  - Vacate existing B1 Fall 2017
  - Salvage building equipment Fall 2017
  - Utilities and hook up for Team Rooms 1 & 2 Summer 2017
  - Construction fencing to be installed in Fall 2017
  - Hazardous materials abatement Fall 2017
  - Building demolition Spring 2018
  - Target occupancy Q2 2020
Cañada College Kinesiology & Wellness Building (B1N)
Cañada College Kinesiology & Wellness Building (B1N)
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Cañada College Kinesiology & Wellness Building (B1N)
Cañada College Kinesiology & Wellness Building (B1N)
Cañada College Math Science Technology Building (B23N)

- Budget $55,800,000
  - Measure H
- Project Scope
  - Demolition of portion of hillside and “hump” of dirt between B22 & B18; spoils to be relocated to Lot 10
  - Retaining wall and site preparation work to begin March 2018
  - Construct new ~50,000 SF Math and Physical Science Building (B23)
  - Elements of the program: New Science labs and Classroom Instruction space for Biology, Anatomy, Earth Science, Rad Tech, Computer Science, Astronomy; Includes 60-student capacity instruction spaces and office spaces
- Status
  - McCarthy / HGA awarded design-build contract January 2017; Initial Programming complete; Schematic Design Phase to complete end of April 2017
  - Design Document development end May 2017 – End September 2017; Construction Documents September – December 2017
- Tentative Construction Schedule
  - Excavate and relocate dirt March 2018; Construction of building to begin July 2018
  - Target occupancy Q1 2020
Cañada College Math Science Technology Building (B23N)
Cañada College Math Science Technology Building (B23N)
### Cañada College Tentative Schedule

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<tr>
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<td>CAN B23 Math Science Technology</td>
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<td>CAN B9 Library &amp; Learning Resource Center Reconfiguration</td>
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<td>CAN B13 Multiple Program Instructional Center (FPP)</td>
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<td>CAN B16 &amp; 18 Physical Life Science Secondary Effects</td>
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</tbody>
</table>

Schedule is subject to change due to agency requirements, unforeseen conditions, and/or design build contractor input.
Logistics
Questions and Answers
Capital Improvement Program Phase 3 (CIP3)

OCTOBER 27, 2017    CAÑADA COLLEGE CIP3 UPDATE FORUM
Agenda

• Process of a Project
• CIP3 Planning Efforts
• Program Budget Overview
  • Program Overview
    ◦ Cañada College Building 1N
    ◦ Cañada College Building 23N
    ◦ Cañada College Central Plant Upgrade
• Tentative Schedule and Logistics
• Q & A
Process of a Project

• Facilities Planning is based upon Educational Planning
• Budget (Conceptual vs. Actual)
• Delivery Method (DBB vs. DB vs. LLB)
• Schedule Development & Execution
  ◦ Academic vs. Construction Logistics
• A&E Selection & Design Process (9-12 months)
  ◦ Programming / Schematic Design / Design Development / Construction Documents
• Contractor Procurement (DBB vs. DB)
• Permitting (4-6 Months)
• Construction (12-24 Months)
• Furniture Fixtures and Equipment Installation (FF&E)
• Commissioning
• Occupancy
• Close Out
CIP3 Planning Efforts

• Scheduling Consultant – Contract Awarded to AECOM (April 2015)
• California Environmental Quality Act (CEQA) – Completed (Winter 2015)
• Construction Management (PM/CM) – Contract Awarded to Swinerton (March 2015)
• Design Standards Revision – Completed (June 2015)
• Swing Space Planning (ONUMA) – In Progress
• Architect and Engineer (A&E) Selection for Design of First Wave Projects – Completed (April 2015)
• Design Build Entity Selection (CAN B1N, SKY B12N, CAN B23N, SKY1N) – Complete
• 2017 Annual General Contractor and Major Subcontractor Prequalification Process – Complete
• Project Labor Stabilization Agreement – Amendment Approved by BOT (March 2016), Execution in Process
Project Budget Overview
### Cañada College

#### Project Expenditures

<table>
<thead>
<tr>
<th>Project</th>
<th>Current Project Estimates</th>
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<tbody>
<tr>
<td>Kinesiology and Wellness (B1N)</td>
<td>$112,000,000</td>
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<tr>
<td>Math Science Technology (B23N)</td>
<td>$64,000,000</td>
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<tr>
<td>Library and LRC Envelope Repairs (B9)</td>
<td>$10,000,000</td>
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<tr>
<td>B16 &amp; 18 Secondary Effects</td>
<td>$3,000,000</td>
</tr>
<tr>
<td>Multiple Program instruction Center FPP (B13)</td>
<td>$19,500,000</td>
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</tbody>
</table>

**Total:** $208,500,000
Program Overview
Cañada College  Kinesiology & Wellness Building (B1N)

- Budget $112,000,000
  - Measure H
- Project Scope
  - Demolish existing Gymnasium and Construct a new 85,000 GSF Kinesiology & Wellness Building (B1N)
  - The new building is a two story structure including a roof activated with athletic programs. It will house both academic and enterprise facilities, including classrooms for wellness activities, an extensive fitness center to serve both instructional and member uses, a NCAA competition basketball and volleyball gymnasium, locker and shower facilities, offices and auxiliary facilities. To the east of the building will be a competition pool and an instructional wellness pool. Parking Lot 6 will be expanded by 335 spaces and Parking Lot 4 will be replaced with a South Quad landscape area as the tie in to the new building
- Status
  - Design Build Entity Blach Construction / ELS Architects is currently in Construction Documents Phase.
  - Construction documents for Increment 1 site work were submitted to DSA July 29, 2017
  - Construction documents for Increment 2 building will be submitted to DSA December 1, 2017
Cañada College  Kinesiology & Wellness Building (B1N)

• Tentative Construction Schedule
  ◦ Vacate existing B1 - Summer 2017
  ◦ Utilities and hook up for Team Rooms 1 & 2 - Summer 2017
  ◦ Salvage building equipment - Fall 2017
  ◦ Construction fencing to be installed - November, 2017
  ◦ Hazardous materials abatement - November 2017
  ◦ Groundbreaking – December 2017
  ◦ Building demolition - December 2018
  ◦ Target occupancy Q2 2020
Cañada College Kinesiology & Wellness Building (B1N)
Cañada College Kinesiology & Wellness Building (B1N)
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Cañada College Kinesiology & Wellness Building (B1N)
Cañada College Kinesiology & Wellness Building (B1N)
Cañada College Kinesiology – Site Logistics Plan
## Acknowledgements B1N

Thanks To Everyone Who Provided Input For Design:

<table>
<thead>
<tr>
<th>Aaron Soo</th>
<th>David Johnson</th>
<th>John Cuevas</th>
<th>Mike Healy</th>
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<tbody>
<tr>
<td>Alexis Arreola</td>
<td>Denise Erickson</td>
<td>John Winchester</td>
<td>Mike Reynoso</td>
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<tr>
<td>Ana Miladinova</td>
<td>Diana Thomas</td>
<td>Jose Nunez</td>
<td>Nick Carr</td>
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<tr>
<td>Anne Daley</td>
<td>Doug Hirzel</td>
<td>Juan Lopez</td>
<td>Phillip King</td>
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<tr>
<td>Anniqua Rana</td>
<td>Erick Gaspar</td>
<td>Julie Barstow</td>
<td>Ramon DeCasas</td>
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<tr>
<td>Anthony Lim</td>
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<td>Karen Pinkham</td>
<td>Richard Tidd</td>
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<td>Bruce Griffin</td>
<td>Gregory Anderson</td>
<td>Katie Perkins</td>
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<tr>
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<td>Gwen Alldredge</td>
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<td>Joe Fullerton</td>
<td>Mike Garcia</td>
<td>Yoseph Demissie</td>
</tr>
</tbody>
</table>
Cañada College Math Science Technology Building (B23N)

- Budget $64,000,000
  - Measure H
- Project Scope
  - Demolition of portion of hillside and “hump” of dirt between B22 & B18; spoils to be relocated to Lot 10
  - Retaining wall and site preparation work to begin March 2018
  - Construct new ~50,000 SF Math and Physical Science Building (B23)
  - Elements of the program: New Science labs and Classroom Instruction space for Biology, Anatomy, Earth Science, Rad Tech, Computer Science, Astronomy; Includes 60-student capacity instruction spaces and office spaces; Upgrade to Central Utility Plant
- Status
  - McCarthy / HGA submitted Increment 1 package to DSA for Retaining Wall and Site work on September 29th 2017; Increment 2 package to DSA scheduled to be submitted Mid-November 2017
  - Design Document completed; Construction Documents September – November 2017
- Tentative Construction Schedule
  - Groundbreaking March 2018
  - Excavate and relocate dirt March 2018; Construction of building to begin July 2018
  - Target occupancy Q1 2020
Cañada College Central Plant Upgrade

• Budget – Included in CAN B23N
  ◦ Measure H
• Project Scope
  ◦ Demolition and removal of existing 175-Ton Chiller at end of lifespan; Install new 500-Ton Chiller at Central Plant
  ◦ Installation of new 6-inch chilled water pipe as backbone for campus-wide chilled water distribution
  ◦ New chilled water pipe and chiller to provide cooling at B23 and B1 as well as provide cooling capacity for future buildings
• Status
  ◦ Potholing has confirmed location of underground utilities and points-of-connection for new chilled water pipe
  ◦ Existing 175-Ton Chiller has been drained
  ◦ Trenching for new chilled water pipe from B3 down towards B8 has begun
• Tentative Construction Schedule
  ◦ Trench & Installation of chilled water pipe mid-October thru end November
  ◦ New chiller arrives early mid-November; Installation of new chiller mid-November thru early December
  ◦ New Chiller online end December 2017; Commissioning of new chiller January 2018
Cañada Central Plant Trenching Site Work Plan – October – December 2017
Cañada Math Science Technology Building (B23N)
Cañada Math Science Technology Building (B23N)
Cañada Math Science Technology Building (B23N)
Cañada Math Science Technology Building (B23N)
Cañada Math Science Technology Building (B23N)
Thanks to everyone who provided input for design:

Angela Gibson  
Anne Daley  
Attila E’teto  
Bill Schwarz  
Bob Tricca  
Calvin Eng  
Carlos Ignacio  
Carol Rhodes  
Chris Strugar-Fritsch  
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Nathan Staples  
Phillip King  
Rafael Rivera  
Robert Gutierrez  
Ron Galatolo  
Rosalind Young  
Stephanie de Raynal  
Susan Mahoney  
Susan White  
Tatiana Degai  
Tom Bauer
Cañada College Tentative Schedule

Schedule is subject to change due to agency requirements, unforeseen conditions, and/or design build contractor input.
Campus Logistics Plan

Transportation of Spoils to Lot 10 Begins March 2018

Storage & Laydown for CW Pipe 9/25-12/31

Campus Logistics
"FACILITIES EXCELLENCE"

Campus Logistics Plan

Temporary Facilities

Staging Area for B13 Roof Mtrls & Temp Fac; Construct 10/2 - 11/10

Dump Truck Loc for Roof Tear-Off

Laydown Area for CW Pipe / Welding Station / Temp Fac 10/1-12/31

(9) Park Spots Laydown and staging area for CAN B13 Roof Project 10/2 - 11/10

(12) Parking Spots for Conex and equipment 9/15 - 12/31. Lane will remain open/controlled.

Estimated Closure of Lot 4 - 3/1/18

Estimated Closure Lot 6 - 3/1/18 - 7/1/18

Block-off Metered Parking 9/25-12/01

Pedestrian crossing - removed intersection controlled during trucking

B1 Abate 10/1 - 12/31; Demo of B1 begins Jan 2018

Point of Term for CW as B23 / Pick-up Point for B1 Project

Demo spoils stockpile at Lot 6 expansion

"FACILITIES EXCELLENCE"
Cañada Campus Parking

- 1,394 Current Parking Spaces
- 1,286 Available October – December 2017
- 1,243 Available Jan 2018 – March 2018
- 1,143 Available March 2018 – December 2019
- 1,243 Available January 2020 – March 2020
- 1,343 Available March 2020
- 1,583 Available December 2020
- 1,694 Available January 2021

-(300 Future Additional Parking Spaces)
Questions and Answers
Capital Improvement Program
Phase 3 (CIP3)

APRIL 5, 2018

CAÑADA COLLEGE CIP3 UPDATE FORUM
Agenda

• Process of a Project
• CIP3 Planning Efforts

• Budget Overview
  ◦ Current Market Conditions
  ◦ Funding Sources
  ◦ Cañada College Budget
  ◦ Program Budget Summary

• Program Overview
  ◦ Cañada College Building 1N
  ◦ Cañada College Building 23N
  ◦ Cañada College Building B9

• Tentative Schedule and Logistics
• Q & A
Process of a Project

• Facilities Planning is based upon Educational Planning
• Budget (Conceptual vs. Actual)
• Delivery Method (DBB vs. DB vs. LLB)
• Schedule Development & Execution
  ◦ Academic vs. Construction Logistics
• A&E Selection & Design Process (9-12 months)
  ◦ Programming / Schematic Design / Design Development / Construction Documents
• Contractor Procurement (DBB vs. DB)
• Permitting (4-6 Months)
• Construction (12-24 Months)
• Furniture Fixtures and Equipment Installation (FF&E)
• Commissioning
• Occupancy
• Closeout
CIP3 Planning Efforts

• Scheduling Consultant – Contract Awarded to AECOM (April 2015)
• California Environmental Quality Act (CEQA) – Completed (Winter 2015)
• Construction Management (PM/CM) – Contract Awarded to Swinerton (March 2015)
• Design Standards Revision – Completed (June 2015)
• Swing Space Planning (ONUMA) – In Progress
• Architect and Engineer (A&E) Selection for Design of First Wave Projects – Completed (April 2015)
• Design Build Entity Selection (CAN B1N, SKY B12N, CAN B23N, SKY1N) – Complete
• 2018 Annual General Contractor and Major Subcontractor Prequalification Process – Complete
• Project Labor Stabilization Agreement – Amendment Approved by BOT (March 2016), Execution in Process
Budget Overview
## Cañada College

<table>
<thead>
<tr>
<th>Project</th>
<th>Current Project Estimates</th>
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<tr>
<td>Kinesiology and Wellness (B1N)</td>
<td>$115,000,000</td>
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<tr>
<td>Science and Technology (B23N)</td>
<td>$70,000,000</td>
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<tr>
<td>Library and LRC Envelope Repairs (B9)</td>
<td>$10,000,000</td>
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<td>B16 &amp; 18 Secondary Effects</td>
<td>$3,000,000</td>
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<td>Multiple Program instruction Center FPP (B13)</td>
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<td>Cañada Vista Housing Envelope Repairs</td>
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<td><strong>Total:</strong></td>
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### Total CIP3 Funding Sources

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<td>Measure H</td>
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<td>Measure H Anticipated Interest</td>
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<td>Measure A</td>
<td>$5,900,000</td>
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<td>Fund 4</td>
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<td>Other Funding (Grants, Prop 39, and Parcel B)</td>
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<tr>
<td>Approved State Scheduled Maintenance Funding</td>
<td>$2,440,000</td>
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<td><strong>TOTAL:</strong></td>
<td><strong>$452,000,000</strong></td>
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Potential Funding Sources Not Yet Realized - $61.2M

- State Capital Outlay: $45,200,000
- Insurance: $16,000,000
# Program Budget Overview

<table>
<thead>
<tr>
<th>Total Program Funding</th>
<th>Projected Total Program Budget</th>
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<td>$452M</td>
<td>$550M to $600M</td>
</tr>
</tbody>
</table>
Over $50 Billion Under Construction in SF

Source: SF Business Times Crane Watch
Market Activities

Bay Area Volume up 40% in 2017.

Over 350% increase since 2012.

San Francisco Bay Area
Construction Starts (mil $) Per Year

- Retail
- Warehouse
- Office

2012 2013 2014 2015 2016 2017
0 2000 4000 6000 8000 10000 12000 14000 16000
Construction Costs up 32.4% since 2014

Historic escalation average is 3%
Current Market Factor: 10% *
Cumulative cost increase since 2014: 32.4%
*Market factor is the premium the market is paying currently for labor shortages, decreased productivity and lack of competition seen throughout the Bay Area
Current Cost Risks

• Rising costs due to increasing wages and contractor margins
• Decreasing competition - Contractor’s Market
• Shortages in mechanical/electrical/plumbing (MEP)
• Severe shortages in major supply chains
• Ongoing escalation for multi-year programs
• Trump tariffs on steel, aluminum, softwoods, etc.
Program Overview
Cañada College  Kinesiology & Wellness Building (B1N)

- Budget $115,000,000
  - Measure H
- Project Scope
  - Demolish existing Gymnasium and Construct a new 85,000 GSF Kinesiology & Wellness Building (B1N)
  - The new building is a two story structure including a roof activated with athletic programs. It will house both academic and enterprise facilities, including classrooms for wellness activities, an extensive fitness center to serve both instructional and member uses, a NCAA competition basketball and volleyball gymnasium, locker and shower facilities, offices and auxiliary facilities. To the east of the building will be a competition pool and an instructional wellness pool. Parking Lot 6 will be expanded by 335 spaces and Parking Lot 4 will be replaced with a South Quad landscape area as the tie in to the new building
- Status
  - Blach Construction / ELS Architects received DSA approval for Increment 1 Site work, parking lot paving and utilities on February 21, 2018.
  - Construction documents for Increment 2 building will be re-submitted to DSA incorporating updated plaza drawings.
Cañada College  Kinesiology & Wellness Building (B1N)

• Tentative Construction Schedule
  ◦ Building demolition - December 2018 (completed)
  ◦ New Building Construction – April 2018 – March 2020
  ◦ New Plaza (replacing Lot 4) Construction – Summer 2019
  ◦ Target occupancy Q2 2020
Cañada College Kinesiology and Wellness Building (B1N) Construction Progress Photos
Cañada College Kinesiology and Wellness Building (B1N)
Construction Progress Photos

Existing Building 1 Demolition Complete
Cañada College Kinesiology & Wellness Building (B1N)
Cañada College Kinesiology & Wellness Building (B1N)
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Cañada College Kinesiology & Wellness Building (B1N)
Cañada College Kinesiology – Site Logistics Plan
### Acknowledgements B1N

Thanks To Everyone Who Provided Input For Design:

<table>
<thead>
<tr>
<th>Aaron Soo</th>
<th>David Johnson</th>
<th>John Cuevas</th>
<th>Mike Healy</th>
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<tr>
<td>Alexis Arreola</td>
<td>Denise Erickson</td>
<td>John Winchester</td>
<td>Mike Reynoso</td>
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<td>Ana Miladinova</td>
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Cañada College Science and Technology Building (B23N)

- Budget $70,000,000
  - Measure H

- Project Scope
  - Demolition of portion of hillside and “hump” of dirt between B22 & B18; spoils to be relocated to Lot 10
  - Retaining wall and site preparation work to begin March 2018
  - Construct new ~50,000 SF Math and Physical Science Building (B23)
  - Elements of the program: New Science labs and Classroom Instruction space for Biology, Anatomy, Earth Science, Rad Tech, Computer Science, Astronomy; Includes 60-student capacity instruction spaces and office spaces; Upgrade to Central Utility Plant

- Status
  - McCarthy / HGA received DSA Approval for Increment 1 Retaining Wall and Site work on September 29th 2017; work to install shoring wall and relocate dirt next to B22 in-process; Increment 2 building package submitted to DSA; approval for Increment 2 anticipated April 4th; foundation work for building to begin early May
  - Central Chiller plant upgrades New chiller installed. Commissioning in process.

- Tentative Construction Schedule
  - Excavate and relocate dirt March 2018; Construction of building foundation to begin May 2018; Steel installation to begin June 2018; building shell to complete December 2018
  - Target occupancy Q1 2020
Cañada College Science and Technology Building (B23N) Construction Progress Photos

Site excavation
Cañada College Science and Technology Building (B23N) Construction Progress Photos

Soldier piles being driven in preparation for retaining wall
Cañada College Science and Technology Building (B23N)
Cañada College Science and Technology Building (B23N)
Cañada College Science and Technology Building (B23N)
Cañada College Science and Technology Building (B23N)
Cañada College Math and Science Building (B23N) [McCarthy/HGA]
Cañada College Science and Technology Building (B23N)
Cañada College Science and Technology Building (B23N)
Cañada College Science and Technology Building (B23N)
Acknowledgements B23N

Thanks To Everyone Who Provided Input for Design:

Angela Gibson    David Monarres    Justine Walsh    Nathan Staples
Anne Daley       Douglas Hirzel     Karen Pinkham     Phillip King
Attila E’teto    Elsa Jimenez       Kim Lopez        Rafael Rivera
Bill Schwarz     Gohar Momjian      Kimberly Kirchoff-Stein Robert Gutierrez
Bob Tricca       Gordon Tong        Linda Rizzoli     Ron Galatolo
Calvin Eng       Gregory Anderson   Marie Mejia       Rosalind Young
Carlos Ignacio   Jamillah Moore     Mark Ranyak      Stephanie de Raynal
Carol Rhodes     Janet Stringer      Martin Partian    Susan Mahoney
Chris Strugar-Fritsch Jeanette Green    Michelle Marquez    Susan White
Bill Schwartz    Jeanette Medina    Mollie Woodworth Tatiana Degai
Danielle Behonick John Cuevas        Nadine Ferguson Tom Bauer
David Johnson    Jose Nunez
Canada College B9 Exterior Envelope Repair

• Budget $10,000,000
• Project Scope
  ◦ Repairing the exterior envelope of Cañada College Building 9, which includes removing and replacing the stucco finish of the building envelope and waterproofing the perimeter of the 2nd and 3rd level terrace, reinstall flashing on windows and sunshades.
• Status
  ◦ Swing Space plan in progress – finalized Phase 1 April 30, 2018
  ◦ Bids due on May 3, 2018
  ◦ Start construction on June 2018
  ◦ Completed on June 2020
  ◦ Work shall be conducted in multiple phases
Canada College B9 Exterior Envelope Repair
Phasing Plan and Tentative Schedule

Phase 1: 6 – 8 Months Approx.
(June 18, 2018 – February 19, 2019)

Phase 2: 3 – 4 Months Approx.
(February 20, 2019 – June 20, 2019)

Phase 3: 6 – 8 Months Approx.
(June 21, 2019 – February 20, 2020)

Phase 4: 3 – 4 Months Approx.
(February 21, 2020 – June 20, 2020)
## Acknowledgements B9

Thanks To Everyone Who Provided Input for Space & Move Management:

<table>
<thead>
<tr>
<th>Adolfo Leiva</th>
<th>Faye Soler</th>
<th>Karla De La Rosa</th>
<th>Phillip King</th>
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<tr>
<td>Adolfo Leiva</td>
<td>Gloria Darafshi</td>
<td>Laura Ciravolo</td>
<td>Rachel Corrales</td>
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<td>Araceli Arias</td>
<td>Gonzalo Arrizon</td>
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<td>Rosa Jimenez</td>
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<td>Barry Chin</td>
<td>Hannah Morrison</td>
<td>Loretta Davis Rascon</td>
<td>Ruth Miller</td>
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<td>Brenda Martinez</td>
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<td>Sally Heath</td>
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<td>Candice Johnson</td>
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<td>Cathy Lipe</td>
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<td>David Reed</td>
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<td>Demitri Mitchell</td>
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<td>Diva Ward</td>
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# Cañada College Tentative Schedule

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<td>CAN B1 Kinesiology &amp; Wellness</td>
<td>AM</td>
<td>JM</td>
<td>JASON</td>
<td>D</td>
<td>F</td>
<td>M</td>
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Campus Logistics
### Cañada Campus Parking

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<th>Available Parking Spaces</th>
<th>Construction Phases</th>
<th>Space Variance During Construction</th>
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<tr>
<td>1,394</td>
<td>Campus Total Parking (Pre-construction)</td>
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<tr>
<td>1,128</td>
<td>March 2018 – December 2019</td>
<td>- 266</td>
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<tr>
<td>1,243</td>
<td>January 2020 – March 2020</td>
<td>- 151</td>
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<tr>
<td>1,343</td>
<td>March 2020</td>
<td>- 51</td>
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<td>1,583</td>
<td>December 2020</td>
<td>+ 240</td>
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<tr>
<td>*1,694</td>
<td>January 2021</td>
<td>+ 300</td>
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* 300 Future Additional Parking Spaces after Construction Completion
Questions and Answers
Capital Improvement Program
Phase 3 (CIP3)

OCTOBER 17, 2018 CAÑADA COLLEGE CIP3 UPDATE FORUM
Agenda

• Program Overview
  ◦ Cañada College Building 1N
  ◦ Cañada College Building 23N
  ◦ Cañada College Building B9
  ◦ Cañada College Vista Housing

• Tentative Schedule and Logistics

• Q & A
Program Overview
Cañada College Kinesiology & Wellness Building (B1N)

- Budget $115,000,000
  - Measure H
- Project Scope
  - Demolish existing Gymnasium and Construct a new 85,000 GSF Kinesiology & Wellness Building (B1N)
  - The new building is a two story structure including a roof activated with athletic programs. It will house both academic and enterprise facilities, including classrooms for wellness activities, an extensive fitness center to serve both instructional and member uses, a NCAA competition basketball and volleyball gymnasium, locker and shower facilities, offices and auxiliary facilities. To the east of the building will be a competition pool and an instructional wellness pool. Parking Lot 6 will be expanded by 335 spaces and Parking Lot 4 will be replaced with a South Quad landscape area as the tie in to the new building.
- Status
  - Blach Construction / ELS Architects received DSA approval for Increment 1 Site work, parking lot paving and utilities on February 21, 2018.
  - Anticipate approval for Construction documents for Increment 2 Building from DSA late-October; Increment 2 Drawings include South Plaza
  - CAN B1 Occupancy Anticipated Q2 2020
Cañada College Kinesiology and Wellness Building (B1N) Demolition Complete – Grading Work Begins
Cañada College Kinesiology and Wellness Building (B1N)
Construction Progress Photos
Cañada College Kinesiology and Wellness Building (B1N)
Grading Hillside
Cañada College Kinesiology and Wellness Building (B1N)
Soil Testing
Cañada College Kinesiology and Wellness Building (B1N) Retaining Wall Prep and Vertical Wall Pouring
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Cañada College Kinesiology & Wellness (B1N)
Site Logistics Plan

"FACILITIES EXCELLENCE"
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Winter 2018 Utilities Crossing

Ensure hydrant outside of the fence line

Facilities to help close Lot 4 the day before classes end

Soft barricade blocking Lot 4 from Campus

Out of sight; Sign 1 “Detour Ahead, Use Campus Circle”
Sign 2: “Left Lane Closed Ahead”

“Right Turn Only”

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- Budget $70,200,000
  - Measure H
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  - Demolition of portion of hillside and “hump” of dirt between B22 & B18; spoils to be relocated to Lot 10 to create additional overflow parking
  - Retaining wall and site preparation work to begin March 2018
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- Status
  - Exterior of Building Construction in-progress; steel work has completed
- Tentative Construction Schedule
  - Building’s Exterior Envelope completed by end of November 2018
  - Work at North Plaza to begin Summer 2019
  - Target occupancy Q1 2020
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Cañada College Science and Technology Building (B23N)
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Cañada College B9 Exterior Envelope Repair

• Budget $10,000,000
• Project Scope
  ◦ Repairing the exterior envelope of Cañada College Building 9, which includes removing and replacing the stucco finish of the building envelope and waterproofing the perimeter of the 2nd and 3rd level terrace, reinstall flashing on windows and sunshades
• Status
  ◦ Started construction June 2018
  ◦ Completed June 2020
  ◦ Work shall be conducted in **multiple phases**
Cañada College B9 Exterior Envelope Repair
Construction Progress Photos

"FACILITIES EXCELLENCE"
Cañada College B9 Exterior Envelope Repair
Construction Progress Photos
Cañada College B9 Exterior Envelope Repair
Phasing Plan and Tentative Schedule

Parking Lot 1

Phase 1: 6 – 8 Months Approx.
(June 18, 2018 – February 19, 2019)

Phase 2: 3 – 4 Months Approx.
(February 20, 2019 – June 20, 2019)

Phase 3: 6 – 8 Months Approx.
(June 21, 2019 – February 20, 2020)

Phase 4: 3 – 4 Months Approx.
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Upper Quad

Window Shop / Contractor Laydown

Fencing
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- Status
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  - Phase 4 anticipated start June 2019
  - Substantial completion expected August 2019
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Campus Logistics
Questions and Answers
Capital Improvement Program Phase 3 (CIP3)

NOVEMBER 8, 2018 CAÑADA COLLEGE CIP3 UPDATE FORUM
Agenda

• Program Overview
  ◦ Cañada College Building 1N
  ◦ Cañada College Building 23N
  ◦ Cañada College Building B9
  ◦ Cañada College Vista Housing

• Tentative Schedule and Logistics

• Q & A
Program Overview
Cañada College Kinesiology & Wellness Building (B1N)

• Budget $115,000,000
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  ◦ Demolish existing Gymnasium and Construct a new 85,000 GSF Kinesiology & Wellness Building (B1N)
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  ◦ Anticipate approval for Construction documents for Increment 2 Building from DSA late-October; Increment 2 Drawings include South Plaza
  ◦ CAN B1 Occupancy Anticipated Q2 2020
Cañada College Kinesiology and Wellness Building (B1N)
Demolition Complete – Grading Work Begins
Cañada College Kinesiology and Wellness Building (B1N)
Construction Progress Photos
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Cañada College Kinesiology and Wellness Building (B1N) Soil Testing
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Cañada College Science and Technology Building (B23N)
Topping Off Ceremony

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Construction Progress Photos
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Construction Progress Photos
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Phase 1: 6 – 8 Months Approx.
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Questions and Answers
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• Status
  ◦ Window Installation on the west and south side to be completed by end February 2019
  ◦ Waterproofing and the Lath is scheduled to start early March and finish end March 2019
  ◦ Scratch coat of stucco will begin in March 2019 and expected to be finished by April 2019
  ◦ Scaffolding will be removed by end of May 2019
  ◦ Sun share re-installation expected to be completed by end of May 2019
  ◦ Landscaping/irrigation in front of CAN B9 will be repaired in June / July 2019
Cañada College B9 Exterior Envelope Repair
Construction Progress Photos
Cañada College B9 Exterior Envelope Repair
Construction Progress Photos
Cañada College B9 Exterior Envelope Repair
Phasing Plan and Tentative Schedule

Parking Lot 1

Upper Quad

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Cañada College Vista Housing
Phasing Plan and Tentative Schedule

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Timeline Sequencing Diagram
Construction begins: 10/19/2018 Mon
Substantial Completion: 01/17/2020 Fri
Questions and Answers
Capital Improvement Program
Phase 3 (CIP3)

MARCH 15, 2019

CAÑADA COLLEGE CIP3 UPDATE FORUM
Campus Logistics

"FACILITIES EXCELLENCE"
Agenda

• Program Overview
  ◦ Cañada College Building 1N
  ◦ Cañada College Building 23N
  ◦ Cañada College Building B9
  ◦ Cañada College Vista Housing

• Tentative Schedule and Logistics

• Q & A
Program Overview
Cañada College Kinesiology & Wellness Building (B1N)

- Budget $115,000,000
  - Measure H
- Project Scope
  - Demolish existing Gymnasium and Construct a new 85,000 GSF Kinesiology & Wellness Building (B1N)
  - The new building is a two story structure including a roof activated with athletic programs. It will house both academic and enterprise facilities, including classrooms for wellness activities, an extensive fitness center to serve both instructional and member uses, a NCAA competition basketball and volleyball gymnasium, locker and shower facilities, offices and auxiliary facilities. To the east of the building will be a competition pool and an instructional wellness pool. Parking Lot 6 will be expanded by 335 spaces and Parking Lot 4 will be replaced with a South Quad landscape area as the tie in to the new building
- Status
  - Blach Construction / ELS Architects received DSA approval for Increment 1 Site work, parking lot paving and utilities on February 21, 2018.
  - Anticipate approval for Construction documents for Increment 2 Building from DSA next week.
  - CAN B1 Occupancy Anticipated Q3 2021
Cañada College Kinesiology and Wellness Building (B1N)
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Cañada College Kinesiology & Wellness (B1N)
Site Logistics Plan

"FACILITIES EXCELLENCE"
Cañada College Kinesiology & Wellness (B1N) Delivery and Staging Zone Layout
Acknowledgements B1N

Thanks To Everyone Who Provided Input For Design:

Aaron Soo          David Johnson          John Cuevas          Mike Healy
Alexis Arreola     Denise Erickson      John Winchester      Mike Reynoso
Ana Miladinova     Diana Thomas         Jose Nunez           Nick Carr
Anne Daley         Doug Hirzel          Juan Lopez           Phillip King
Anniqua Rana       Erick Gaspar         Julie Barstow        Ramon DeCasas
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Chuck La Mere      Jamillah Moore       Michele Rudovsky     Tony Lucca
Cindy Jimenez      Jessica Kaven        Michelle Marquez     Vera Quijano
Darrell Lee        Joe Fullerton        Mike Garcia          Yoseph Demissie
Cañada College Science and Technology Building (B23N)

- Budget $70,200,000
  - Measure H
- Project Scope
  - Demolition of portion of hillside and “hump” of dirt between B22 & B18; spoils to be relocated to Lot 10 to create additional overflow parking
  - Construct new ~50,000 SF Math and Physical Science Building (B23)
  - Elements of the program: New Science labs and Classroom Instruction space for Biology, Anatomy, Earth Science, Rad Tech, Computer Science, Astronomy; Includes 60-student capacity instruction spaces and office spaces; Upgrade to Central Utility Plant
- Status
  - Exterior of Building Construction in-progress; roofing in progress;
- Tentative Construction Schedule
  - Building’s Exterior Envelope completed by end of February 2019
  - Work at North Plaza to begin Spring 2019
  - Target occupancy Q3 2019
Cañada College Science and Technology Building (B23N) Construction Progress Photos
Cañada College Science and Technology Building (B23N)
Construction Progress Photos
Cañada College Science and Technology Building (B23N) Construction Progress Photos
Cañada College Science and Technology Building (B23N) Construction Progress Photos
Canada College Science and Technology Building (B23N) Construction Progress Photos
Cañada College Science and Technology Building (B23N)
Acknowledgements B23N

Thanks To Everyone Who Provided Input for Design:

- Angela Gibson
- Anne Daley
- Attila E’teto
- Bill Schwarz
- Bob Tricca
- Calvin Eng
- Carlos Ignacio
- Carol Rhodes
- Chris Strugar-Fritsch
- Bill Schwartz
- Danielle Behonick
- David Johnson
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- Mark Ranyak
- Martin Partian
- Michelle Marquez
- Mollie Woodworth
- Nadine Ferguson
- Nathan Staples
- Phillip King
- Rafael Rivera
- Robert Gutierrez
- Ron Galatolo
- Rosalind Young
- Stephanie de Raynal
- Susan Mahoney
- Susan White
- Tatiana Degai
- Tom Bauer
Cañada College B9 Exterior Envelope Repair

• Budget $10,000,000
• Project Scope
  ◦ Repairing the exterior envelope of Cañada College Building 9, which includes removing and replacing the stucco finish of the building envelope and waterproofing the perimeter of the 2nd and 3rd level terrace, reinstall flashing on windows and sunshades
• Status
  ◦ Window Installation on the west and south side to be completed by end February 2019
  ◦ Waterproofing and the Lath is scheduled to start early March and finish end March 2019
  ◦ Scratch coat of stucco will begin in March 2019 and expected to be finished by April 2019
  ◦ Scaffolding will be removed by end of May 2019
  ◦ Sun share re-installation expected to be completed by end of May 2019
  ◦ Landscaping/irrigation in front of CAN B9 will be repaired in June / July 2019
Cañada College B9 Exterior Envelope Repair
Construction Progress Photos
Cañada College B9 Exterior Envelope Repair Construction Progress Photos
Cañada College B9 Exterior Envelope Repair
Phasing Plan and Tentative Schedule

Parking Lot 1

Upper Quad

Phase 1 & 2: 10 – 12 Months Approx.
(June 18, 2018 – June 20, 2019)

Phase 3: 6 – 8 Months Approx.
(June 21, 2019 – February 20, 2020)

Phase 4: 3 – 4 Months Approx.
(February 21, 2020 – June 20, 2020)

Window Shop / Contractor Laydown

Fencing
Thanks To Everyone Who Provided Input for Space & Move Management:

Adolfo Leiva
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Barry Chin
Brenda Martinez
Candice Johnson
Cathy Lipe
Chris Strugar-Fritsch
Claudia Dorantes
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David Eck
David Reed
Demitri Mitchell
Dina Zidan
Diva Ward
Faye Soler
Gloria Darafshi
Gonzalo Arrizon
Hannah Morrison
Hugo Enciso
Janet Stringer
Jeanne Stalker
Jessica Boyle
Jessica Pulido
John Omar
Jonathan MacSwain
José Nunez
Josue Alcaraz
Julie Lamson
Karla De La Rosa
Laura Ciravolo
Liliana Garcia
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Nenaji Jackson
Phillip King
Rachel Corrales
Rosa Jimenez
Ruth Miller
Sally Heath
Soraya Sohrabi
Stephen Soler
Sunny Choi
Thomas Lo
Travis McIntosh
Valeria Estrada
Vivien Huynh
Wendy Cazares
Yesenia Mercado
Cañada College Vista Housing

- Budget $11,400,000
- Project Scope
  - Replacement of walls, decks, and partial re-roofing on buildings 1, 2, and clubhouse.
- Status
  - Start construction Phase 1 Monday, October 1, 2018
  - Phase 2 anticipated start December 2018
  - Phase 3 anticipated start March 2019
  - Phase 4 anticipated start June 2019
  - Substantial completion expected August 2019
  - Work shall be conducted in multiple phases
Questions and Answers
Capital Improvement Program
Phase 3 (CIP3)

APRIL 23, 2019
CAÑADA COLLEGE CIP3 UPDATE FORUM
Cañada College Kinesiology and Wellness Building (B1N)
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Cañada College Kinesiology and Wellness Building (B1N)
Cañada College Kinesiology & Wellness (B1N)
Winter 2018 Utilities Crossing

Ensure hydrant outside of the fence line

Soft barricade blocking Lot 4 from Campus

Facilities to help close Lot 4 the day before classes end

Out of sight; Sign 1 "Detour Ahead, Use Campus Circle"
Sign 2: "Left Lane Closed Ahead"

"Right Turn Only"

"Left Lane Closed"
Cañada College Kinesiology and Wellness Building (B1N)
Cañada College Kinesiology & Wellness Building (B1N)
## Acknowledgements B1N

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Phasing Plan and Tentative Schedule

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Phase 4: 3 – 4 Months Approx.
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Parking Lot 1

Upper Quad

Window Shop / Contractor Laydown

Fencing
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Phasing Plan and Tentative Schedule

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10/19/2018 Mon
Substantial Completion
01/17/2020 Fri

Phase 1
Stack 1A 2019/ 2
Stack 1B 2019/ 3
Stack 1C 2019/ 4

Phase 2
Stack 2A 2019/ 8
Stack 2B 2019/ 9
Stack 2C 2019/ 10

Phase 3
Stack 3A 2019/ 5
Stack 3B 2019/ 6
Stack 3C 2019/ 7

Phase 4
Stack 4A 2019/ 11
Stack 4B 2019/ 12
Stack 4C 2020/ 1

Phase 5
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CAN B13 Approved FFP- $26.9 Million
Questions and Answers