LBDG Site Plan 2003
Classroom Standards from FMP Vol. I

Master Plan

Napa Valley College

Campus Standards - Classrooms

750 s.f. Classroom
30 to 36 Students

900 s.f. Classroom
45 Students

1,500 s.f. Classroom
60 to 75 Students

Lionakis Beaumont Design Group, Inc.
Facilities Master Plan Volume III
Implementation Strategies & Standards
Completed in 2004

1. **CAMPUS PLANS**
   1.1 Master Plan Updates
   1.2 Specific Plan Diagrams
   1.3 Building Program Studies
   1.4 Utility Master Plan
   1.5 Project Phasing Plan

2. **DESIGN GUIDELINES**
   2.1 Building Design Guidelines
   2.2 Landscape Design Guidelines
   2.3 Campus Sustainable Design Guidelines
   2.4 Campus Graphic & Signs
   2.5 Campus Standard Products
   2.6 Office Area Standards
   2.7 Standard Colors & Finishes
   2.8 Technology Standards
   2.9 Audio Visual Master Plan

3. **Reports & Studies Index**
TLCD Facilities Master Plan - 2005
MEASURE N QUICK START PROJECTS
Cafeteria Remodel
Restroom Renovations
Criminal Justice Classrooms
Faculty Office Renovation
South Campus Parking & Landscape - Phase I
South Campus Parking - Phase II
Pool Deck Replacement

![Image of a pool deck]

[Image description: A large pool with a modern deck, surrounded by greenery and trees.]

Gym Floor & Bleacher Modernization
New Tennis Courts
Athletic Field Improvements
Baseball/Softball Winter Practice Field
Lighted Ball field Parking Lot Expansion & Pathways
Emergency “Blue” Phones
Upper Valley Campus
Library Expansion
Upper Valley Campus
Kitchen Expansion
UVC Stucco Replacement
ADA Transition Plan Improvements

Drinking Fountains Before

Drinking Fountains After

ADA Ramp Replacements - After
Little Theater Seat Replacement

New Seats
Little Theater Restroom Renovation
Napa Valley College

COMPLETED SUSTAINABLE PROJECTS
Central Boiler Plant

🔥 High efficiency central boilers for campus wide hot water heating.

🔥 20% reduction in natural gas use.
The pond was dredged to provide for storm water and sediment management.

The pond was transformed into a landscape feature.
Historic Tulucay Creek was restored as a riparian corridor, providing habitat for native plant and animal species.

This project provided NVC with bankable F&G credits, to be applied to future projects.

Also helped to drain the ball fields and mitigate flooding.
Photovoltaic Array
Photovoltaic Array

☀ Produces 1.2 Megawatts.

☀ Enough to power entire campus.

☀ Equivalent power for 1,200 homes.

☀ Diverts $300,000 per year from utilities to classrooms.
Reclaimed water to irrigate 25 acres of landscaping—saves 16 million gallons of fresh water per year.

The landscaping along Diemer Drive, around the Instructional Center for the Performing Arts, the LLRC, and the North Gym, along with the College vineyard and the sports fields, are all being irrigated with reclaimed water.
In an effort to minimize night sky light pollution, we have installed cut off light fixtures at:

- Parking lots
- Walkways
- Tennis Courts
- New buildings

Photo courtesy of Richard Bruns
Central Chiller Plant

Produces 1 million pounds of ice at night when electricity is cheap and more available.

Cools buildings with ice water.

Circulated by solar powered pumps during the day.

Diverts $200,000 per year from utilities to classrooms.
Life Sciences Building
A Case Study in Sustainable Architecture
View of New Life Sciences lab
PROJECT PARTICULARS
The gross square footage of the Life Sciences Building is 20,000. A ducted displacement system coupled with night flush system and TES chilled water supply is used. Concrete floors and steel structure enhance thermal mass.

BASIC PRINCIPLES
Building air is flushed at night. Thermal mass is cooled and reduces cooling load. Louver systems at low points, fan assists and convective exhaust drives systems.

ENERGY PROFILE
Substantial reduction in cooling load, dependent on large amounts of thermal mass. Cooling comfort without mechanical systems during occupied periods.
MEASURE N COMPLETED PROJECTS
New Campus Entry Road
Preserve Historic Structures
Bonded Wine Storage Building
NVC Entry Sign
Signage & Wayfinding - Phase II
Transit Mall Parking Lot B Improvements - Completed August 2008

To encourage use of public transportation.
New Ceramics Building
Instructional Center for the Performing Arts - Completed August 2010

⭐ Instructional and performance space for:

- Drama
- Music
- Vocal
- Instrumental
Instructional Center for the Performing Arts
Library-Learning Resource Center
Completed July 2010

- 470 seat library
- Special event reading room
- Bibliographic instruction classrooms
- Testing & Tutoring Center
- Diagnostic Learning Services
- Teaching & Learning Center
McCarthy Library
– Learning Resource Center

Dr. Chris McCarthy
Superintendent/President
Napa Valley College
January 2002 – September 2009
North Gym

- Providing Adaptive Physical Education for students with disabilities
- Weight room
- Police Academy physical training
North Gym
Completed January 2010
Mechanical Equipment & Enclosures Replacement
Completed July 2010
American Canyon Early College High School - NVC Outreach Center

Enlarged Site Plan
NVUSD has provided 3 classrooms to support an Early College High School Program.

Support space for an NVC Outreach Center
NAPA VALLEY COLLEGE

COMPLETED MODERNIZATION PROJECTS
Bldg. 3700 Art Center Remodel
Phase I - Completed July 2010
Bldg. 600 Renovation

ROOM 637 - DEMO

ROOM 637 - NEW

DRAWING NOTES

FINISH SCHEDULE

LEGEND

NVC BUILDING 600 - GYMNASIUM
PARTIAL SECOND FLOOR PLAN
Bldg. 800 Renovation - Second Floor

- Expanded Math Lab
- Relocated Language Lab
- Upgrade Toilet Rooms
Bldg. 800 Renovation - Third Floor

New Computer Testing Lab

New Classroom

Upgrade Toilet Rooms
Bldg. 3900 Remodel
Completed July 2010
Bldg. 1200 Renovation – Lower Floor

Building 1200 Upper Floor Interim Plan

Building 1200 Lower Floor Interim Plan
Bldg. 3100 Ventilation Upgrades
Building 1500 Administration Renovation Floor Plan
Bldg. 1300 Modernization
PROPOSED CONSTRUCTION PROJECTS UNDER VOLUME IV
Regional Health Occupations Training Center

NVC BUILDING 200
Regional Health Occupations Training Center – lower level

NVC BUILDING 200
Regional Health Occupations Training Center – Upper level
Regional Health Occupations Training Center

NORTH GYM

Regional Health Occupations Training Center

PERFORMING ARTS CENTER
Regional Health Occupations Training Center
Technology Building

First Floor
Technology Building

Second Floor
Pool Deck Restrooms

- (N) Overhang
- (N) Overlook/Seating Area
- (N) Stairs to (E) Bleachers
- Restrooms
- Showers
- (E) Bleachers
- (E) Ramp
- (E) Pool
- N
Criminal Justice Restrooms
Overlook/Observation Pier
Transit Mall Walkway Cover
Imola Connection

Regional Health Occupations Training Center
Other Proposed Construction Projects

- Replace Community Education Center
- Amphitheater
- Environmental Education Center
FUTURE MODERNIZATION PROJECTS UNDER VOLUME IV
Blg. 600 Modernization - First Floor

Upgrade Studios and Courts

Upgrade Showers, Locker Rooms and Toilet Rooms

Interior Reconfiguration

Upgrade Courts

NVC BUILDING 600
Gymnasium - First Floor
Bldg. 3100 Modernization

NVC BUILDING 3100
Industrial Technology Modernization
Classroom Conversions once Health Occupations Regional Training Center is completed
Bldg. 900 Emergency Notification System

NVC BUILDING 200
Student Center
Adding the emergency notification system to the Student Store and Cafeteria
Bldg. 1800 Renovation – Upper Floor

NVC BUILDING 1800
Physical Sciences
Renovation of the Chemistry and Physics labs

Upgrade to New Physical Science Labs and Support
Bldg. 1800 Modernization - Lower Floor

Reconfigure for New Storage and Mechanical Space

NVC BUILDING 1800
Physical Sciences
Reconfigure for New Storage and Mechanical Space
AERIAL BEFORE AND AFTER VIEWS OF THE NAPA VALLEY COLLEGE CAMPUS
Campus After Completion of Measure N Projects - April 2012
Partial List of Measure N Contractors, Consultants, Vendors, and Suppliers

- Syar Concrete
- Bell Products
- RE Maher
- Rental Solutions
- Consolidated Electrical Distributors
- Pace Supply
- Independent Electric Supply
- GD Nielson Construction
- Napa Electric Shop
- All Bay Mill & Lumber Co.
- Laboratory by Design, Inc
- Zeco Electric Co.
- Napa Sign Shop
- Cal Smith & Sons
- Catalyst Consulting Group
- Costa Engineers
- Bartelt Engineering
- Dowdle & Sons Mechanical
- North Bay Plywood
- James Nolan Construction
- North Bay Drywall
- Silverado Electric
- M&M Sanitary
- Long Electric
- PJ’s Canvas
- Oris Pacheco & Sons
- Maday Construction
- Chaudhary & Associates
- Holmes Van & Storage
- Slinsen Construction
- Phoenix Geotechnical
- Miller Pacific Engineering Group
- Michael Brooks & Associates
- Hess Construction
- Frye’s Printing
- Helmer & Sons
- Johnson’s Roofing
- Scaffold Solutions
- R&S Glazing Specialties
- Adobe Lumber
- Dominion Plastering
- San Francisco Interiors
- Statewide Roofing
Partial List of Measure N Contractors, Consultants, Vendors, and Suppliers

- Weidner Architectural
- W.A. Adams Co. Inc.
- One Work Place
- Signet Testing Labs Inc.
- Bug I.D. Inc.
- Bay West Construction
- Dwayne Burns Inspection
- Clark Pest Control
- Labor Ready
- draftTECH Blueprinting, Inc.
- ER Plumbing
- Restec Contractors, Inc.
- Pacific Door
- Automatic Door Systems, Inc.
- Progress Glass
- B.T. Mancini Co., Inc.
- Conklin Bros. of Santa Rosa
- Installation Connection
- TLCD Architecture
- Hardware Tech Inc.
- JDL
- Climate Insulating Products
- EMCOR
- Kele Inc.
- San Joaquin Chemicals, Inc.
- United Site Services
- Pyramid Environmental
- Bess TESTLAB, Inc.
- RS Analysis Inc.
- ExtraTeam
- HomeDepot
- Harbison Appliance
- Limpic’s Custom Wood
- Able Janitorial Services, Inc.
- Grainger
- Birds Away/Pigeons Away
- Vernon G. Snyder Aerial Photography
- Carrier Corporation
- Napa Register
- O’Mahony and Meyer
- Custom Modular Structures
- Kurt Hirtzer Inspection Services
- Mike’s Tree Service
Partial List of Measure N Contractors, Consultants, Vendors, and Suppliers

- HGA
- Broward Brothers
- SW Allen Construction Co.
- Castino Restaurant Equipment & Supply
- Daktronics
- Dell
- Cisco
- Eisen Environmental
- Garnett Sign Studio
- International Bronze
- IP Vision
- IVCI Audio/Visual Division
- Kirk Brown Wood Products
- Landscape Forms
- Logical Choice Technologies
- MG West
- Micro Technology Services
- Modern Method Roofing, Inc.
- Musson
- NHT Audio LLC
- Northwestern Design Inc.
- Gastelum Custom Masonry
- Rico’s Window Covering Systems
- Russ Bassett Corporation
- Sans Inc.
- School Specialty
- Spectrum Industries, Inc.
- Surface Masters, Inc.
- The Worden Company
- Troxell Communications
- Wenger
- Aerial Impressions USA
- Awesome Art, LLC
- EDGE Development
- JDS Buildings Group, Inc.
- M & M Sanitary LLC
- Mid City Nursery Inc.
- Napa Sanitation District
- Pacific Supply Corp.
- R & M Grading, Inc.
- Royal Electric Company
- Skyline Engineering
- Stanley Security Solutions, Inc.
- Van Winden Landscaping, Inc.
Partial List of Measure N Contractors, Consultants, Vendors, and Suppliers

- American Blinds and Draperies
- Bay Alarm
- Carbone’s Custom Painting
- Napa Marble & Granite Works, Inc.
- Dean’s Painting
- Steve Silva Plumbing
- Oden & Doucette
- Redmond Communications
- Metamorphosis Erosion Control
- Drapery Concepts
- Fremont Millwork Co.
- Barton Overhead Door
- C & F Painting
- Westmark Products
- Azevedo Plumbing
- R.E. Corp
- Northern Electric
- Austerman
- Camblin Steel
- Trade Staff Contracting
- R & S Glazing
- Concord Drywall
- Berger Concrete
- All Weld
- Grima Tile
- Specialty Flooring
- Stripe N Seal
- SJS Plumbing
- Icon Electric
- Whelan Building Specialties
- Cal, Inc.
- Napa Valley Drywall
- Kim’s Flooring