

Black Oak Mine Unified School District

“Committed to educational excellence.”

A Long Range Facilities Master Plan

Board Presentation #1

March 14, 2019



The Team | JK Architecture + Engineering



DEREK LABRECQUE
Partner
EDUCATIONAL PLANNER



ANDREW TODD
Associate
PROJECT ARCHITECT



LISA HALPIN
Facility Planner
BIM DESIGNER

- Located in Auburn
- Passion for the Schools as the Center of Community
- Over 30 Years in Educational Architecture
- Expertise in 21ST Century, Flexible, Learning Environments
- \$1B in DSA Educational Facilities
- Master Planned over \$4B in Educational Facilities
- Sustainable Focus; Education + Facilities + Operating Costs + Return on Investment

Master Plan | Philosophy

A Comprehensive Living Document that Links:

EDUCATION | Vision + Goals

+

FACILITIES | Existing Facility Conditions + Needs

+

PARTNERSHIPS | BOMUSD'S Parent + Community
Engagement

Equals =

**Long Range Road Map
for Achieving BOMUSD's
2030 Vision**

Master Plan | Approach

IMAGINE

“Logic will get you from A to B. Imagination will take you everywhere” ~ Albert Einstein

Step 1 | Capture the Big Picture “Vision”

Step 2 | Identify Educational Goals & Needs

DESIGN

*“First we shape our buildings...then they shape us”
~ Winston Churchill*

Step 3 | Assess Existing Conditions

Step 4 | Develop Transformation Concepts & Priorities

CREATE

“The thing constructed can only be loved after it is constructed; but the thing created is loved before it exists” ~ Gilbert Chesterton

Step 5 | Document a Comprehensive Facilities Master Plan

Step 6 | Approve “Black Oak Mine USD 2030 VISION”



Form Follows Function...Curriculum

IMAGINE: Step 1 | Capture the Big Picture Vision

BOMUSD'S Vision & Mission:

“Committed to educational excellence.”

The Communities of Georgetown & Cool:

- Past | History & Culture
- Present | Community & Trends
- Future | VISION & GOALS

“Schools as Center of Community”

IMAGINE: Step 2 | Identify Education Goals & Needs

BOMUSD's Strategic Plan / LCAP:

- Goal 1:** Ensure all school sites have safe, welcoming and inclusive climates for all students and their families, so that all students are in their classes ready to learn.
- Goal 2:** Provide high quality classroom instruction and curriculum with an access to a broad course of study promoting school college and career readiness.
- Goal 3:** Reduce the achievement gap by ensuring that all systems are culturally, linguistically, and equitably responsive to the needs of our students.



DESIGN: Step 3 | Assess Existing Conditions

“Create A Living Document”

 Sustainable Sites	 Indoor Environmental Quality
<ul style="list-style-type: none">- School Entry & Drop-off, Parking & Drives- Outdoor Activity- Campus Core	<ul style="list-style-type: none">- Electrical & Lighting Systems- Technology Systems- Security Systems
 Water Efficiency	 Energy & Atmosphere
<ul style="list-style-type: none">- Site Utilities & Infrastructure- Plumbing Systems- Fire Protection Systems	<ul style="list-style-type: none">- HVAC Systems- Specialty Systems- Alternative Energy Systems & Savings
 Materials & Resources	 Leadership, Education & Innovation
<ul style="list-style-type: none">- Signage & Door Hardware- Interior Finishes- Exterior Finish	<ul style="list-style-type: none">- 21st Century Learning- Enhance the Educational Climate- The Whole Child

BOMUSD | School Site Assessments

1. Conduct Individual school site surveys soliciting input from:
 - Administrators
 - Teachers
 - Maintenance & Grounds
 - Parents
 - Students

Goal to complete survey by February- Completed.

2. Survey school site campus with representatives of district and/or school site maintenance & grounds staff
 - Interview school site principals
 - Discuss opportunities & constraints
 - Conduct school site assessment

*Goal to conduct Interviews & Assessments
Late February – Early March- Almost Completed.*

3. Solicited input from steering committee & community workshops. *(Ongoing)*



DESIGN: Step 4 | Develop Transformation Concepts

Facility Needs; The things we...

- Have to do; Code & Health Safety
- Need to do: Maintenance & Operations
- Want to do: Educational & Facility Enhancements

Identify Funding Strategies

- Traditional, Alternative Funding
- Public - Private Partnerships
- Community + Joint-Use
- Self Funding Strategies + General Savings
- Prop 39 + State Eligibility
- Local Opportunities



CREATE: Step 5 | Document the Facilities Master Plan

OUTCOMES:

- Recommended Improvements:
 - Code & Life Safety
 - Maintenance & Operations
 - Equity Enhancements
 - Transformation

- Alignment of Facilities with LCAP Goals

- School Site Safety & Security

- Capacity Utilization

- Cost Estimating & Projections



CREATE: Step 6 | Approve: BOMUSD 2030 Vision

Auburn Elementary School Mission

"Each child in the Auburn Union School District will think creatively, solve problems, work cooperatively, explore creatively, and master content area standards. For success their ability and background, all students will be challenged and engaged, and attain critical and career readiness skills for a globally connected society."

Narrative Summary

Auburn Elementary School is located on 134 acres on the north west Auburn on the west side of Highway 40. The site is bordered by a paved residential subdivision and larger residential properties to the east. The site is generally two acres with the parking lot, bus drop-off and building located on the upper left and east side of the site. The site is currently a well-maintained lawn with a few trees and shrubs. The site is currently a well-maintained lawn with a few trees and shrubs. The site is currently a well-maintained lawn with a few trees and shrubs.

The school has a long history of excellence in education. The school has a long history of excellence in education. The school has a long history of excellence in education. The school has a long history of excellence in education. The school has a long history of excellence in education.

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Assessment | Summary

PARKING DROP/OFFLOADING Parking & drop-off is adequate, but meeting questions may be beneficial.	BUS DROP OFF ZONE Drop off area is deep and meets ADA requirements.	WALKWAY/EXTERIOR Walkway space needs to be improved.	WALK WALK requirements are needed throughout campus.
GARDEN Better incorporation of the garden to campus is desired.	COMMON CONNECTIONS Amphitheater is loud and disruptive to other classrooms.	WALKWAY/EXTERIOR Porch area is beyond their needs and is a good fit for site needs.	LEARNING ENVIRONMENTS A professional staff collaboration is desired.
PARKING COURTS Improved parking and needs needed and aligned.	CAMPUS CONNECTIONS Regular landscape maintenance at all site locations is a low maintenance landscaping solution.	PORCH Storage area could be transformed to collaborative/ small group space.	LEARNING ENVIRONMENTS Transform the portable into STEAM lab and use outdoor area for amphitheater.

Sustainable Sites Sustainable Sites Sustainable Sites	Water Efficiency Water Efficiency Water Efficiency	Energy & Atmosphere Energy & Atmosphere Energy & Atmosphere	Indoor Environment Indoor Environment Indoor Environment
Materials & Resources Materials & Resources Materials & Resources	Innovation & Design Innovation & Design Innovation & Design	Equity & Inclusion Equity & Inclusion Equity & Inclusion	Climate Resilience Climate Resilience Climate Resilience

School Site Narratives

Assessment | Site Constraints + Opportunities

1. Ingress/Egress concerns for drop-off area is very deep and does not have adequate curb cut to meet current ADA requirements. Parking lot navigation and flow is not ideal for the site. Parking needs repair and repaved.
2. Walk and field are fenced off.
3. Walkways are cracking and need repair and repaving. Major road requires to be repaved, making navigation difficult during inclement weather.
4. Landscaping throughout campus needs regular maintenance and/or replacement with drought-tolerant, low-maintenance landscape.
5. There are road leaks throughout campus in permanent buildings. HVAC units may need replacement in the next 3 years. More office classrooms is desired to support MSIS, indoor/outdoor connectivity to classrooms is desired. Additional technology and whiteboards are desired for classrooms.
6. Kindergarten wing is not fenced with the rest of the campus and raises security concerns. Additional kindergarten classrooms are needed, as rooms 4 and 5 do not have kindergarten restrooms in this classroom.
7. Better connection between computer lab and library is desired.
8. Porches are in great condition, but are at end of life. They are eligible for state replacement match funding.
9. A professional staff room is desired. Current staff work room is not adequate for staff meeting or office.
10. A STEAM lab is desired and recommended in this space.
11. An outdoor amphitheater is desired in this area.

School Site Diagram | Existing Constraints + Opportunities

School Site Assessment Summary

Assessment | Transformation Concepts

1. Ingress/Egress concerns for drop-off area is very deep and does not have adequate curb cut to meet current ADA requirements. Parking lot navigation and flow is not ideal for the site. Parking needs repair and repaved.
2. Repave parking lot with permeable construction. Construct a new classroom wing and STEAM building which frames an end space for outdoor learning. Create an informal amphitheater for outdoor learning and entertainment.
3. Repave and restuse field with adequate drainage and repair track.
4. Create additional kindergarten classrooms within kindergarten compound to meet needs of full-day kindergarten program. Add gates to secure area between kindergarten and computer lab when necessary.
5. Repave library to open up the space to central place. Move offices into former computer lab and integrate any new space for additional computer technology within the library or new STEAM building.
6. Transform shared space between classrooms into outdoor central group space. Add windows to these rooms and allow them to become entries for students. Provide playing outdoors and storage for teacher and student use. Mount projects on display with windows in every classroom.

School Site Diagram | Transformation Concepts

Master Plan | Steering Committee Invitees

Jeremy Meyers – BOMUSD Superintendent
Sid Albaugh – BOMUSD CBO
Mark Koontz – FMOT Director of BOMUSD
Liz Ketelle – Community Member
Bill Jensen – Community Member / Retired Principal
Sol Nisbet – Community Member / Chamber of Commerce
Dave Gleason – ARCS Principal/Director
Mike Appleby – Teacher / Representative for Georgetown
Anne Edwards – Teacher / Representative for Northside
Jessica Anderson - Teacher / Representative at ARCS
Mischa Friegang – BOMUSD IT Technician
Liz Dowell – GDRD Community Liaison
Allicen Cooper – American River Charter Parent
Ron Morris – Golden Sierra JSHS
Wendy Westsmith – Georgetown ES Principal
Crystal Miller – GSHS & Northside Parent

Lori Parlin – El Dorado County Supervisor District 4
Jacqui Brunton – Georgetown Divide Recreational District
Kip Stewart – District Maintenance
Michelle Keene-Sasse – BOMUSD Transportation / CSEA President
Marian Boll-See – Golden Sierra JSHS Teacher / BOMTA President
Bill Drescher – BOMUSD Board President
Darcy Knight – BOMUSD Board Vice President
John Daniels – Community Member
Elizabeth Haines – BOMUSD Communications
Mike Haines – Community Member
Mike Webb – Cal Fire Chief / Interim Georgetown Fire Chief Brody
Costin – GSJSHS Student
Alexis Flint – GSJSHS Student
Terry Hall – Community Member
Larry Highberger – Teacher/ Representative for GSJSHS
John Daniels – Georgetown Divide Ready by 2021

MASTER PLAN: Schedule

FMP Kick-Off Meeting

Introduction + Process

January 30th @ 1:00 – 3:00 pm

Steering Committee Workshop #1

VISION + GOAL

February 12th @ 4:30 – 6:30 pm

Steering Committee Workshop #2

NEEDS

March 12th @ @ 4:30 – 6:30 pm



Board Presentation #1

VISION + GOALS

March 14th @ 7:00 pm

Steering Committee Workshop #3

Preliminary Concepts

April 9th @ 4:30 – 6:30 pm

Steering Committee Workshop #4

FMP Concepts

May 14th @ 4:30 – 6:30 pm

Board Presentation #2

FMP Concepts

June 13th @ 7:00 pm

Steering Committee Workshop #5

Draft FMP Review

August 2019

Board Presentation | Final FMP

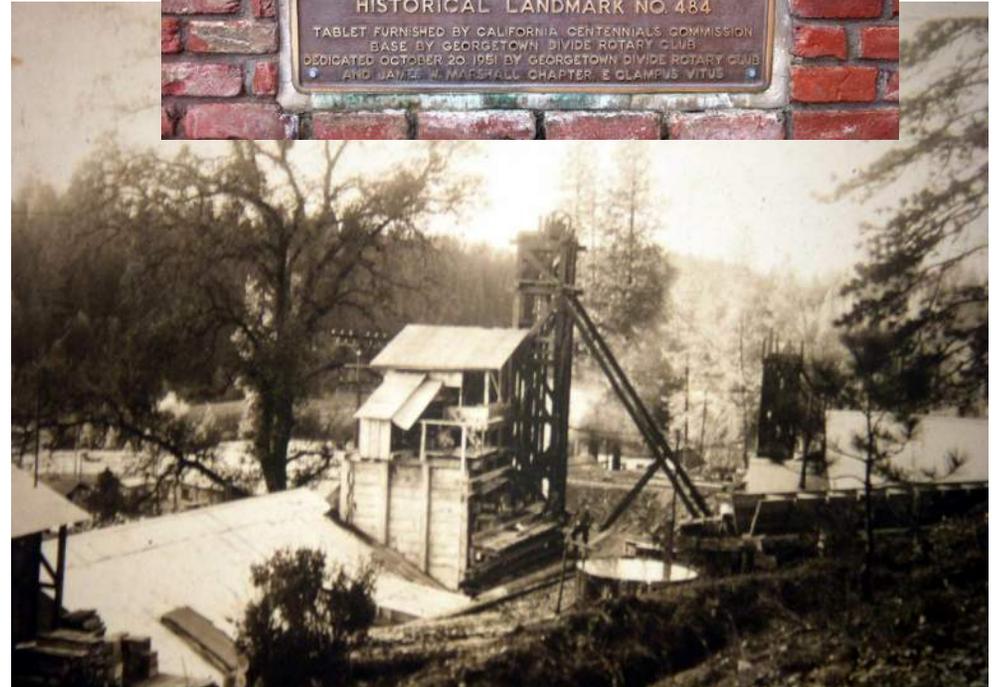
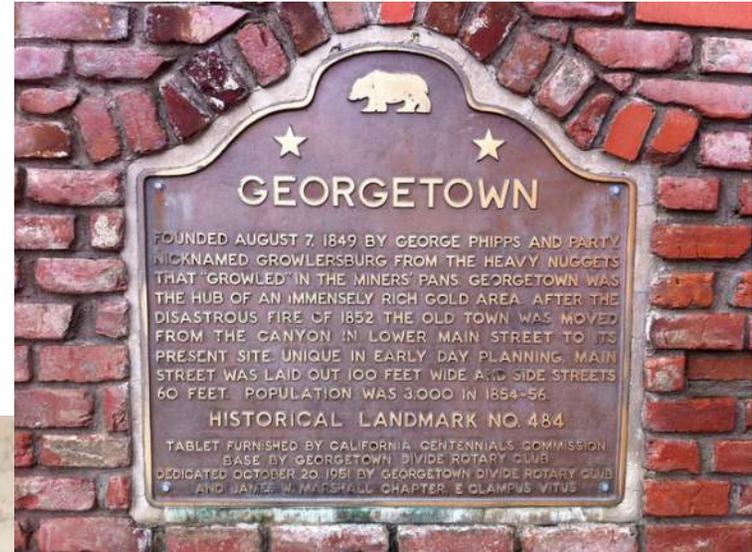
September 12th @ 7:00 pm



***Vision | Black Oak Mine USD Schools
as Center of Community(s)***

Black Oak Mine USD | Past + Present + Future

- Gold Rush Era & Mining
 - Nickname: Growlersburg
- CA Historical Landmark #484
- Forestry & Logging



Black Oak Mine USD | Past + Present + Future

- Forestry & Logging Industry
- Recreational Opportunities
- Generational Ties
- Cradle-to-Career Thinking
- Relationship Based – Small Enrollment
- Community Partners
 - Georgetown Divide Recreation District
 - Divide Wellness Center
 - Georgetown Divide Ready by 21
 - Divide Ready by 5
 - First 5
 - Community Based Organizations in El Dorado County
 - Music on the Divide
 - Girl Scouts
- Internet Bandwidth
- The “Divide” – Branding

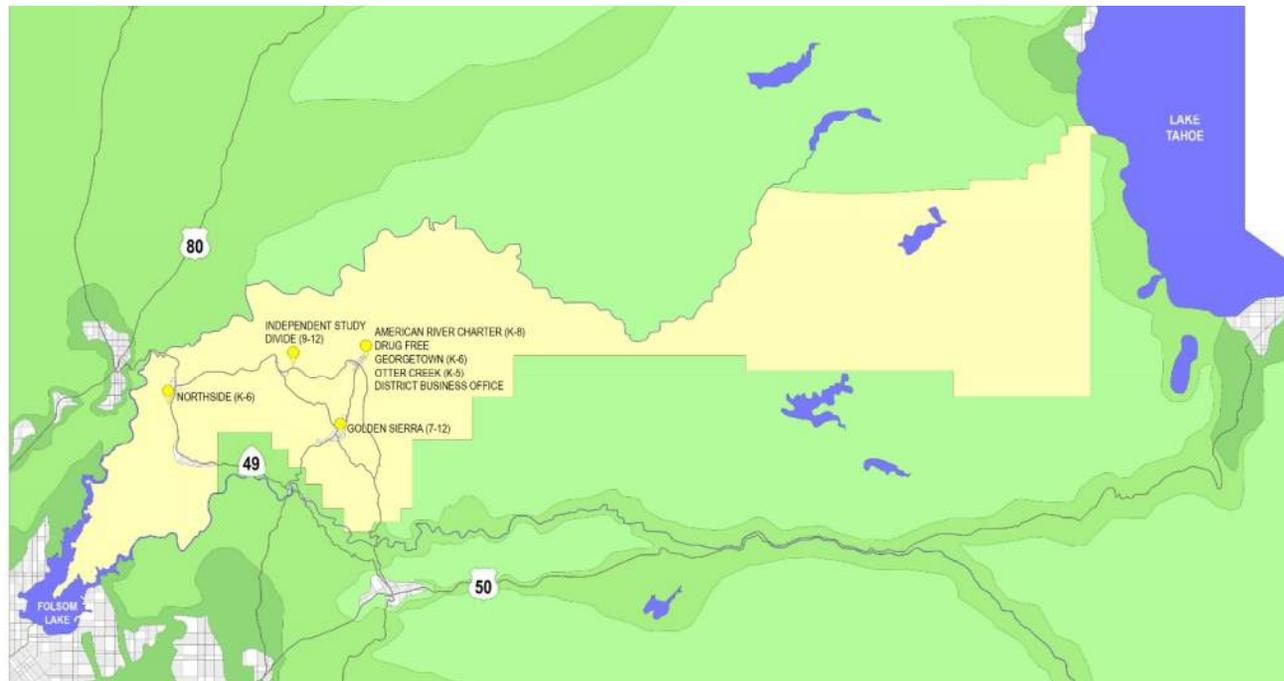


Black Oak Mine USD | Past + Present + Future

Vision | Schools as Center of Community

Opportunities / Potential Partners

- Black Oak Mine & Outdoor Learning
- Garden Valley Fire Department: Fire Science & Paramedics
- Los Rios CCD, Folsom Lake College
- El Dorado County Library
- Forestry & Logging: CTE Mill Program
- Entrepreneur; “incubation”



BLACK OAK MINE UNIFIED SCHOOL DISTRICT



Black Oak Mine USD | VISION for 2030

What is your vision for BOMUSD?



Black Oak Mine USD | VISION for 2030

“Schools as Centers of Community”

LEARNING

- Quality Instruction
- Exciting & Unique
- Challenging Opportunities
- Child Centered Programs
- Trade Education
- High Levels of Education
- Community College
- High Tech – High Touch
- Outside “4” Walls

FACILITIES

- Inviting
- Easier Site Circulation
 - Bus & Parents
- State of the Art
- Unique & Quality
- “Green” Schools
- Virtual Classrooms
- New Furniture & Equip.
- Multipurpose Fields
- Gym & Sport Facilities
- Year-Round Community Center

COMMUNITY

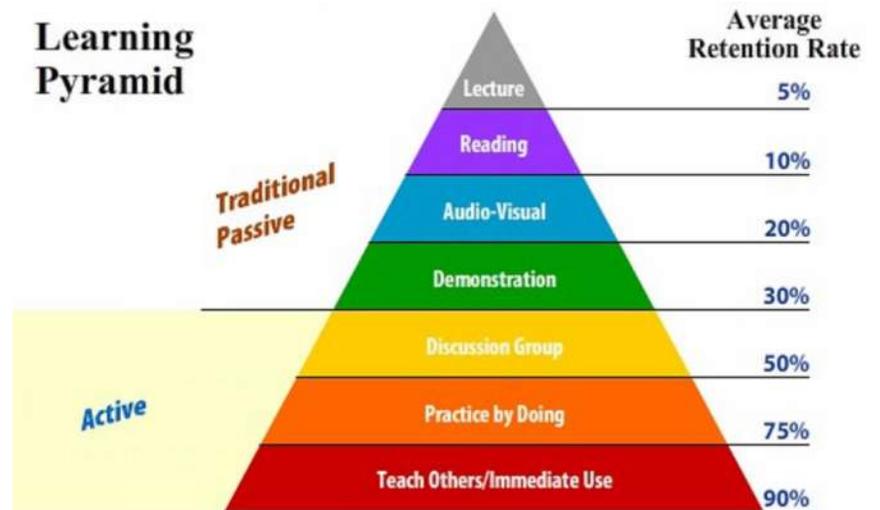
- Learning Centers
- Feeling & Engagement
- Center of the Divide
- Source of Pride
- Critical & Essential
- Human Centered
- Lifelong / Generational
- Public / School Library Interface

DESIGNING FOR THE WHOLE LEARNER

- Real-World & Relevant
- Hands-on & Engaging
- Purpose Driven & Fun



Howard Garner's
Theory of Multiple Intelligences



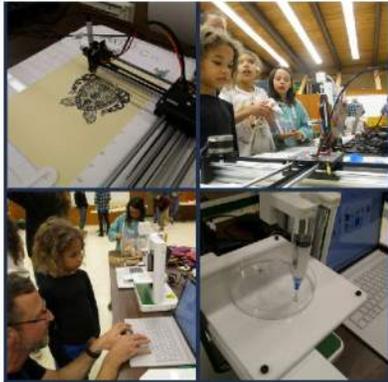
National Training Laboratories

Black Oak Mine USD | Strategic Plan / LCAP Goals

*If form follows function, then
form follows curriculum....*

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Black Oak Mine USD 2030



TINKER NIGHT! Hands-on activities.
Georgetown School of
Innovation (NTN)



**Northside
STEAM School**



WES Watershed Education Summit:
every year with other high schools...real,
practical science!

**Golden Sierra
Learning with Purpose**



One room School House Tk thru
5th. Annual musical, full class
production
**Otter Creek
Elementary School**



Lion King Production
American River Charter
"Soaring to New Heights Together"



Ceramics class
Divide High School

American River Charter | Site & Facility Analysis

“Soaring to New Heights Together”

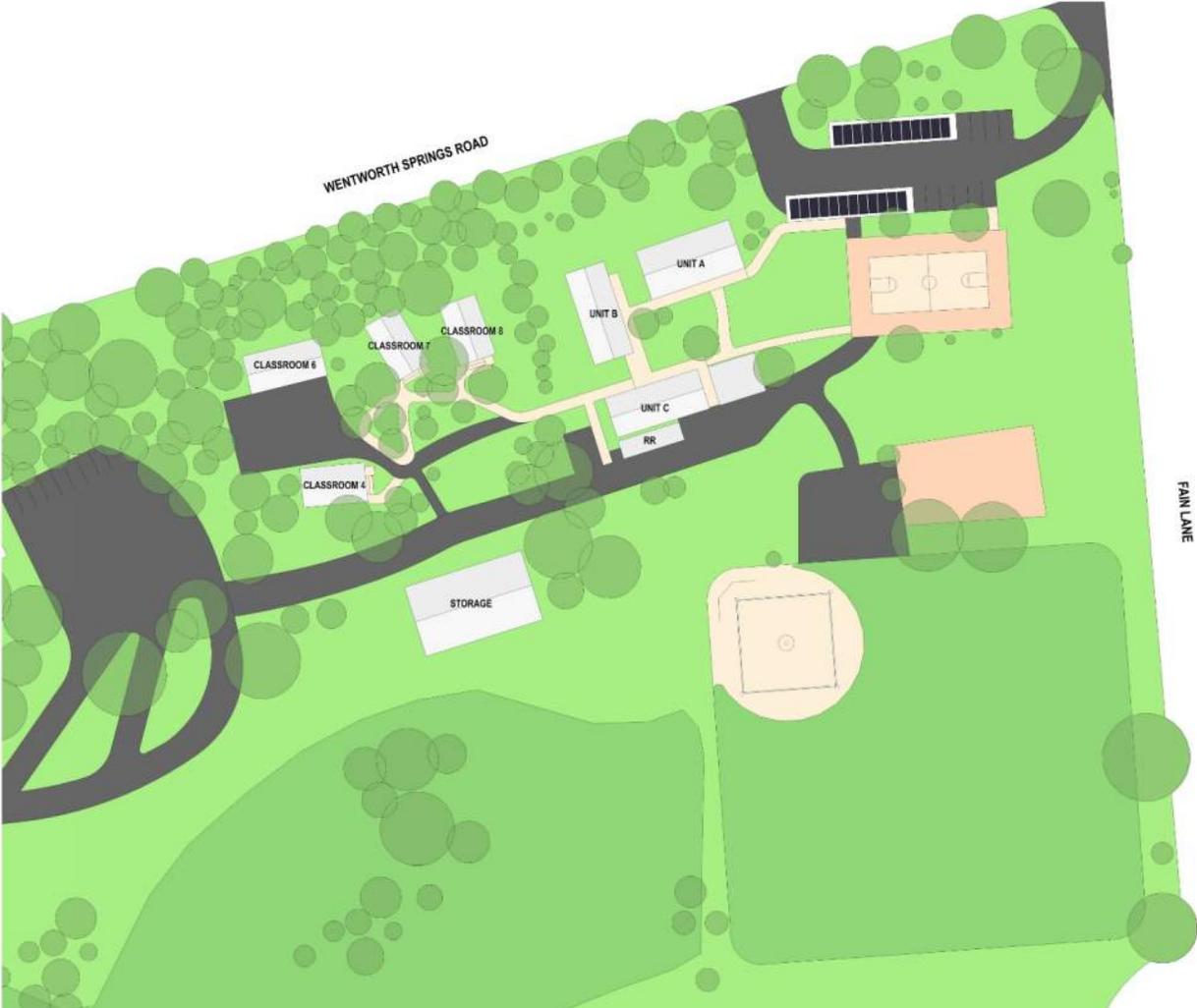
Grades: K - 6

Constraints

- Traffic Flow
- Old Portables/Interim Classrooms
- Cafeteria

Opportunities

- New MP/Gym
- Larger Communal space where multiple classes can collaborate



Northside STEAM School | Site & Facility Analysis

Grades: K - 6

Constraints

- Traffic Flow

Opportunities

- Shelter-in-place (lock down)
- Bluebird boxes along Olmsted Loop
- Music Lab
- Gardens
- Science Lab
- Maker Space
- Art Room
- Wrestling Room
- Drama Lab
- Parent Center
- Auburn Rec Area – PE



Georgetown School | Site & Facility Analysis

School of Innovation (NTN)

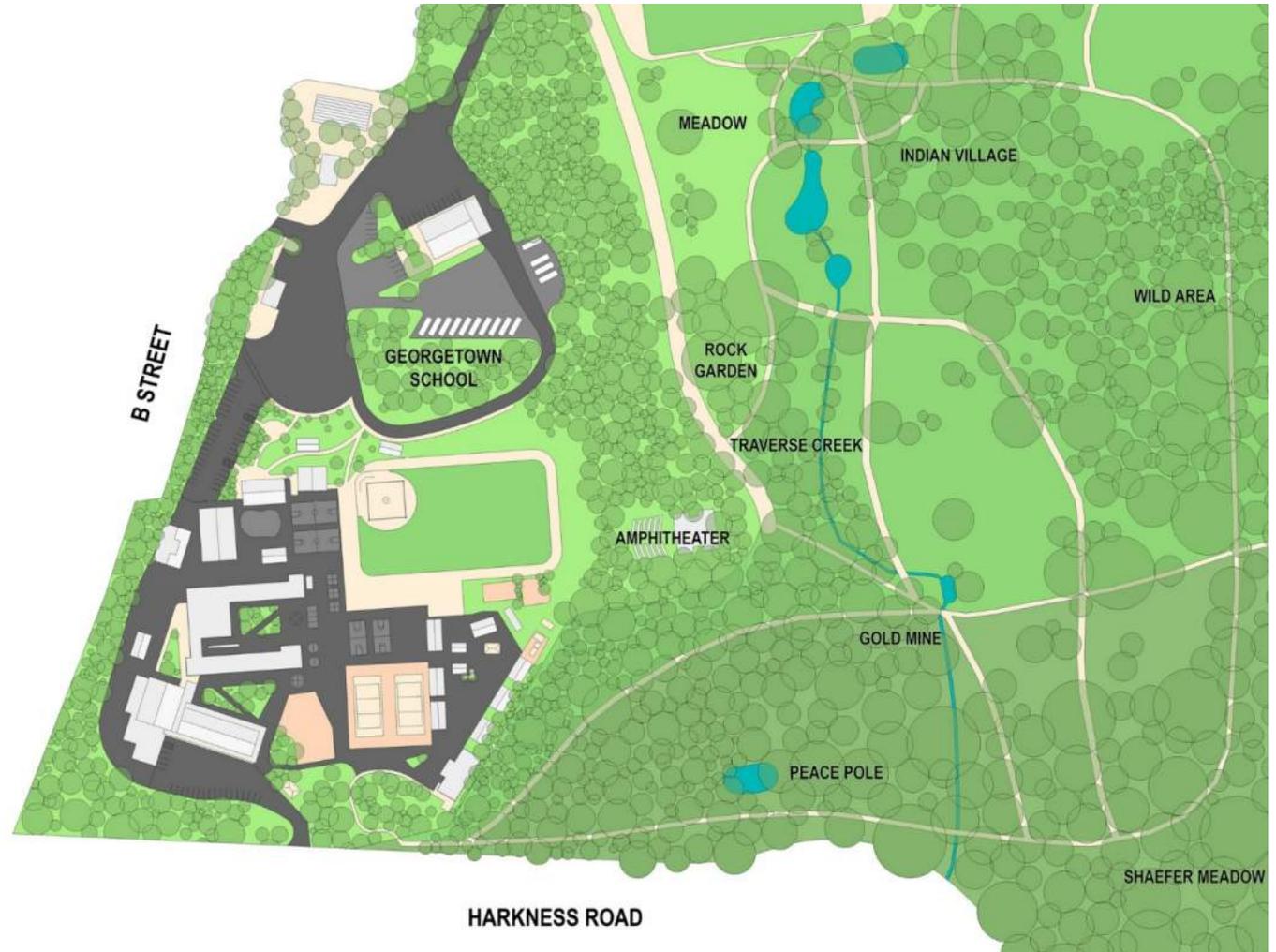
Grades: K - 6

Constraints

- Security
- Spread Out
- No kinder playground
- Traffic flow
- Parking

Opportunities

- The mature area
- Outdoor classrooms
- The Annex
- Buildings
- Blacktop
- School Square
- Garden
- Art Room



Otter Creek Elementary School | Site & Facility Analysis

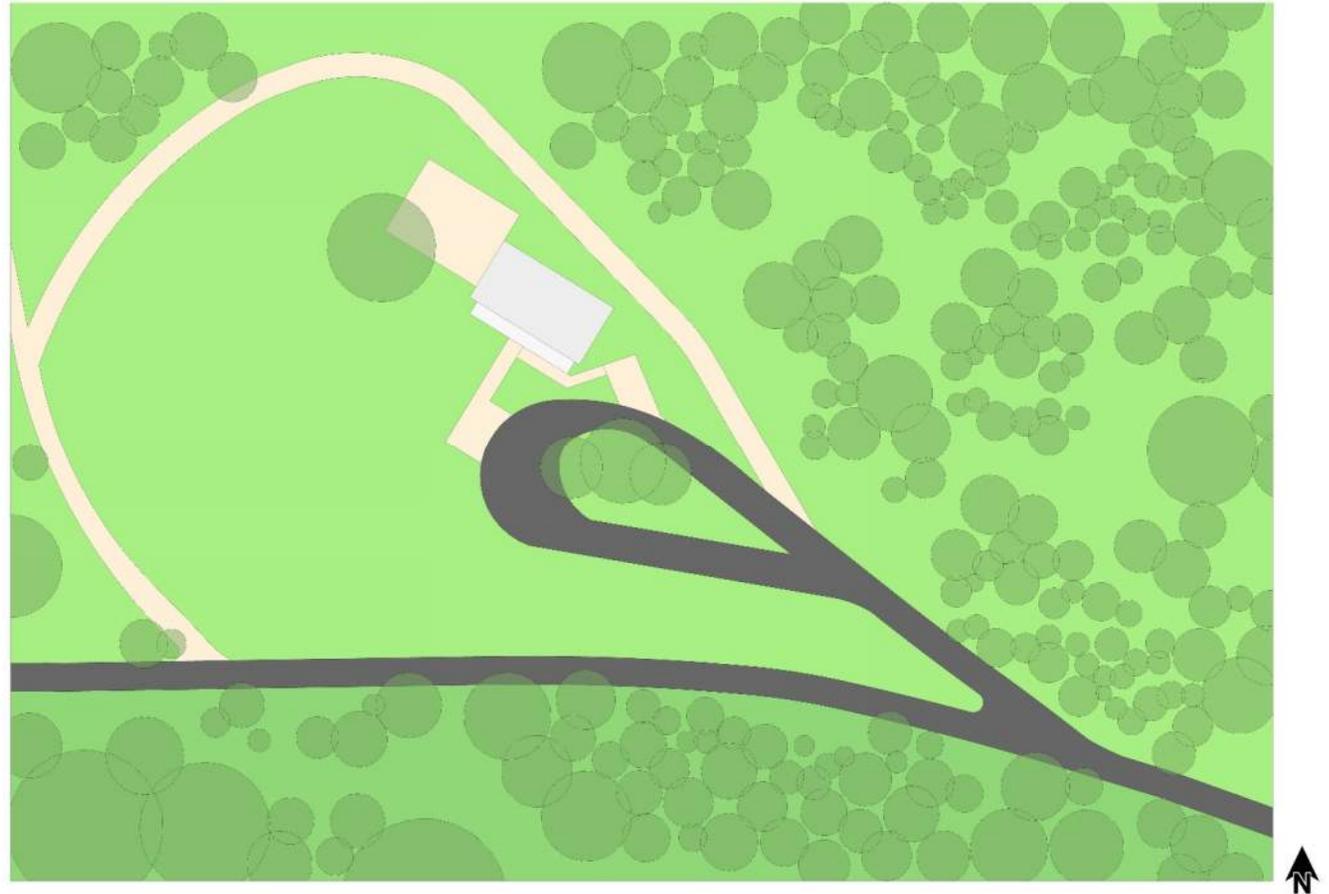
Grades: K - 6

Constraints

- Far; but very cool space

Opportunities

- Could become the “Mountain” It is lovely



Golden Sierra Jr & Senior High | Site & Facility Analysis

Learning with Purpose

Grades: 7-12

Constraints

- Parking is limited
- No flat ground
- The gym
- The football field

Opportunities

- Performing Arts Center
- All Weather Track
- CTE Classrooms
- CTE initiatives



Divide High School | Site & Facility Analysis

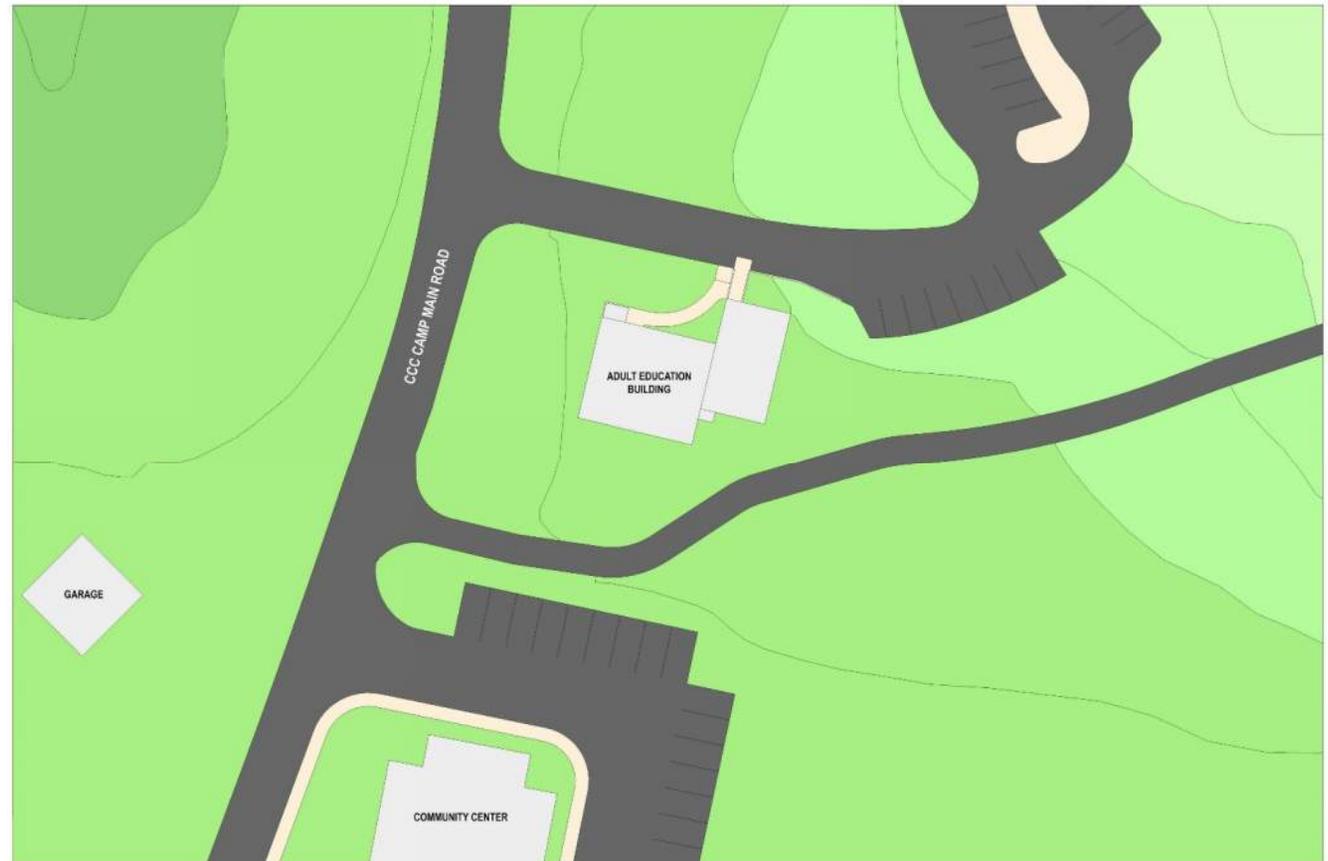
Grades: 9-12

Constraints

- Distance
- Not near District Office
- Schedule/courses offered

Opportunities

- Space is nice for something - Office space, community meetings, other.

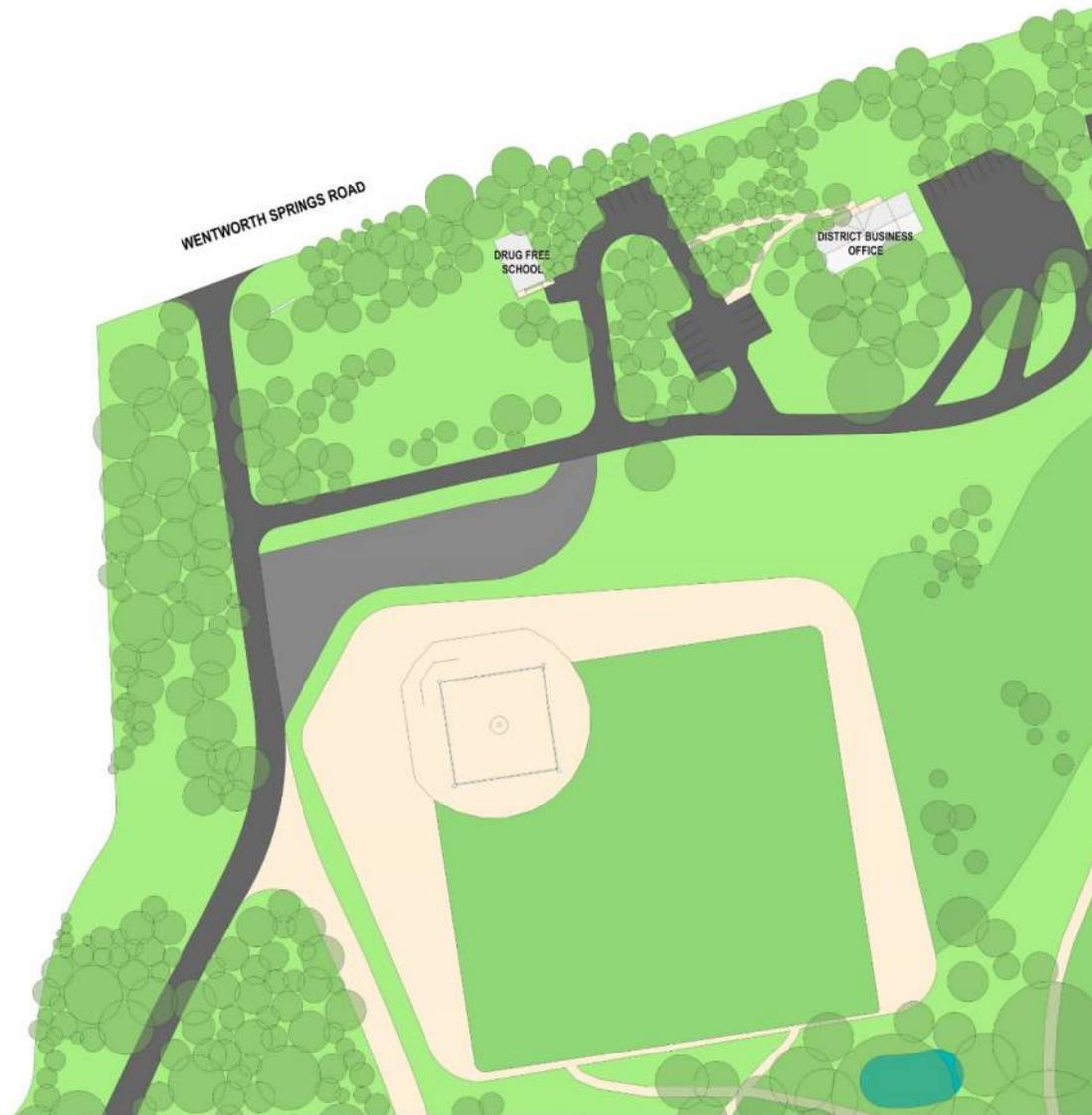


Drug Free Program & District Office | Site & Facility Analysis

Constraints

Opportunities

- A great place for an assortment of meetings for the District and Community.



Black Oak Mine USD 2030 | Next Steps

Steering Committee Workshop #3: PRELIMINARY CONCEPTS

April 9th @ 4:30pm – 6:30pm

