



ORANGE UNIFIED SCHOOL DISTRICT

SEPTEMBER 25, 2013

ORANGE HIGH SCHOOL MASTER PLAN COMMUNITY VISION WORKSHOP #1

ARCHITECTURE ENGINEERING PLANNING INTERIORS SUSTAINABILITY

LIONAKIS



AGENDA

- Welcome
- Who is here today?
- Purpose/Process
- 21st Century Learning
- Existing Campus
- Breakout Sessions
 - Assessment
 - Curriculum
 - Site Planning
 - Your Cards
- Report Out/Summary
- Next Steps
 - Community Workshop:
Saturday, October 19th 9 a.m.

Why are we here today?

Purpose

Process

Parameters

Priorities

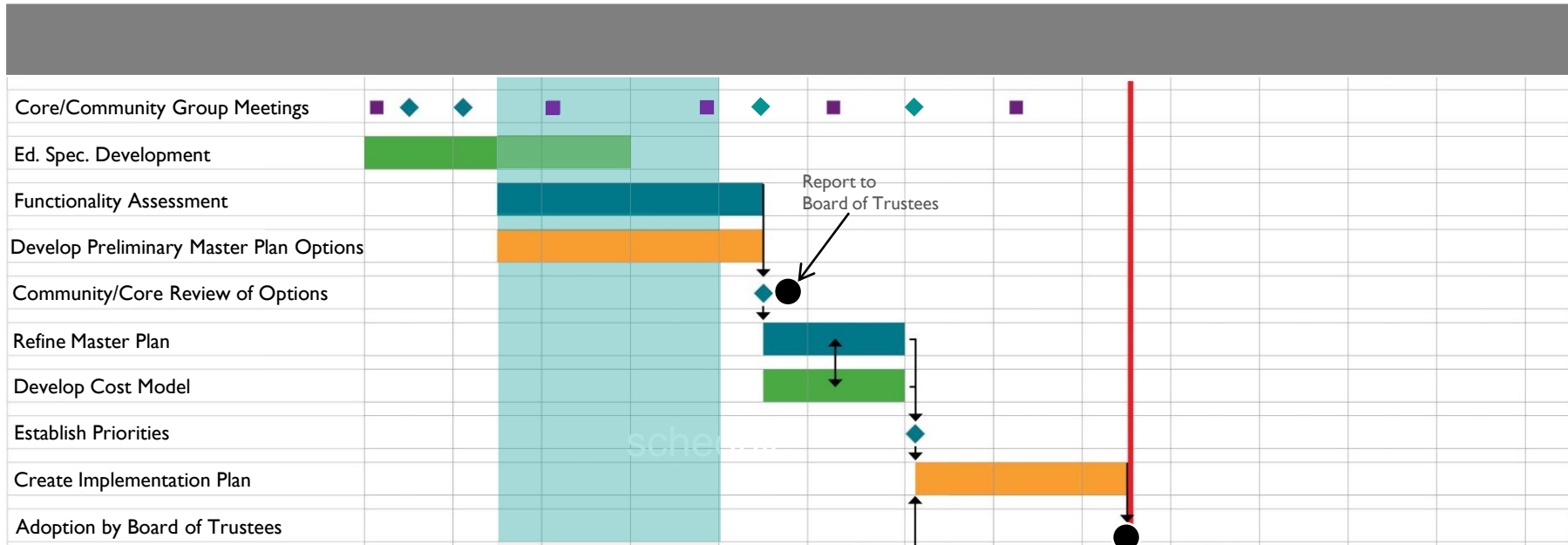
Possibilities

PURPOSE

- Develop a Vision for the Future of Orange High School
- Create a Master Plan that Addresses that Vision
- Understand the Parameters
- Make it implementable – is it realistic?

***“A goal
without a plan
is just a wish”***

- Antoine de Saint-Exupery



- CORE GROUP/PLANNING GROUP MEETING
- ◆ COMMUNITY/USER GROUP MEETING
- MILESTONE



PARAMETERS

- 2500 Student Master Plan
- Kelly Stadium Remains as shared resource



PRIORITIES

- ***Must Do***
 - Fire and Life Safety
 - Access Compliance (ADA)
 - Structural Safety
- ***Should Do***
 - Building Systems
 - Security
 - Technology
 - Programmatic Adequacy
- ***Like to Do***

21st Century Learning Environments

Common Core

Project-Based Learning

Larger Spaces



21ST CENTURY LEARNING

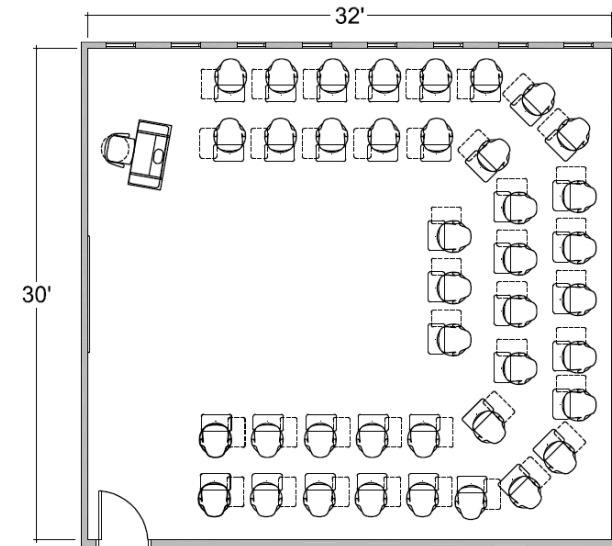
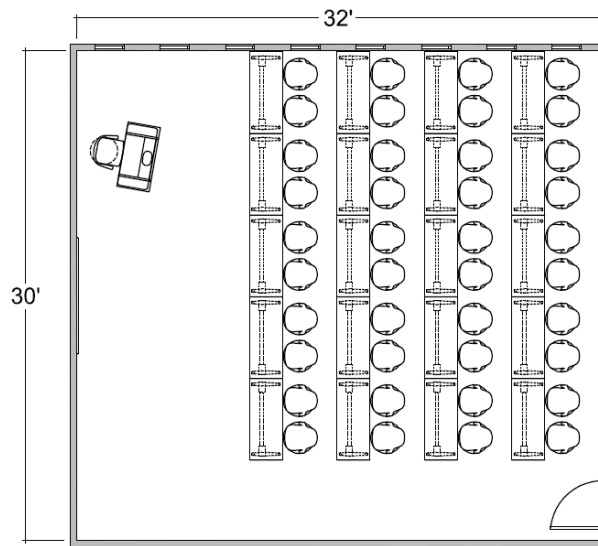
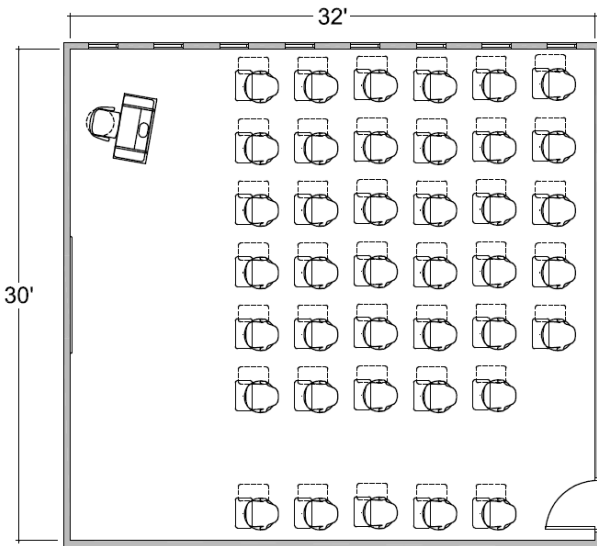
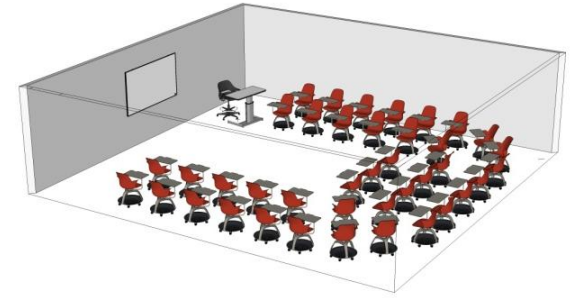
- Flexible, Adaptable, Technology Rich Facilities
 - Anytime, Anywhere, Online and Integrated
 - Expand the Boundaries, Blended Learning
 - Responsive to Varied Learning/Instruction Types
 - STEAM Education, PBL
- Sustainable, High Performance Environments for Learning
 - Energy Efficient
 - Improve Student Attendance and Performance
 - Buildings that Teach
- Community Focused Campuses
 - Joint Use
 - Welcoming
 - Real World (Career Technical/Themed)



traditional



current



40 STUDENTS IN 960 SQUARE FEET = DIRECT INSTRUCTION MODELS



reality



possibilities

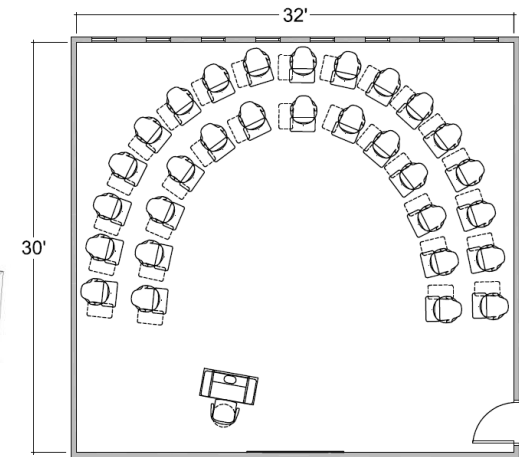
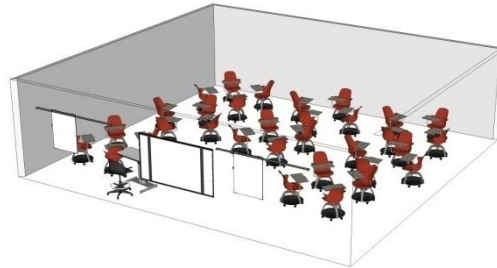
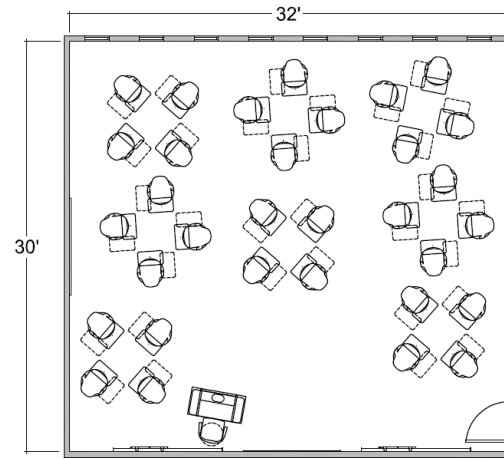
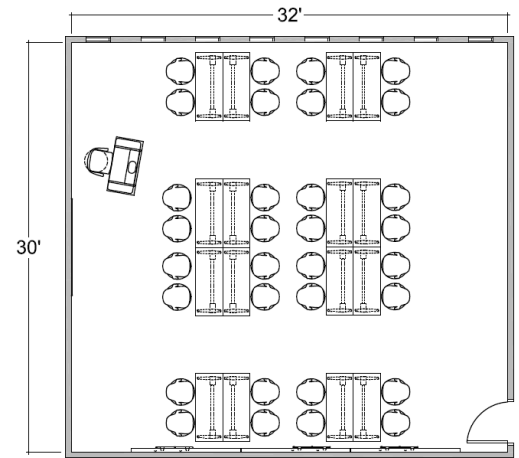
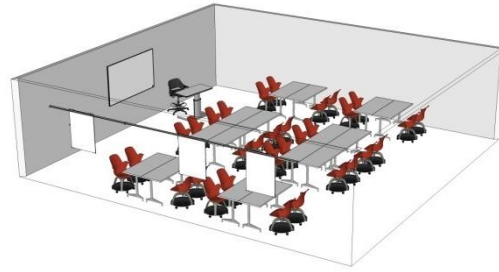
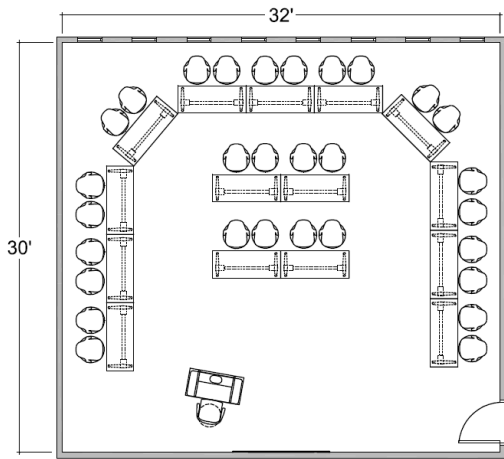




possibilities

possibilities

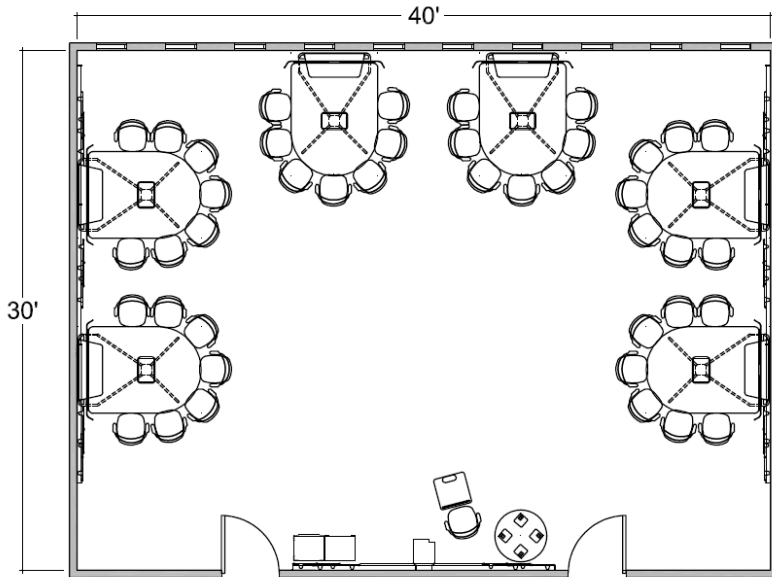




COLLABORATIVE SPACES IN 960 SQUARE FEET = 30 TO 32 STUDENTS (MAX)

guide on the side

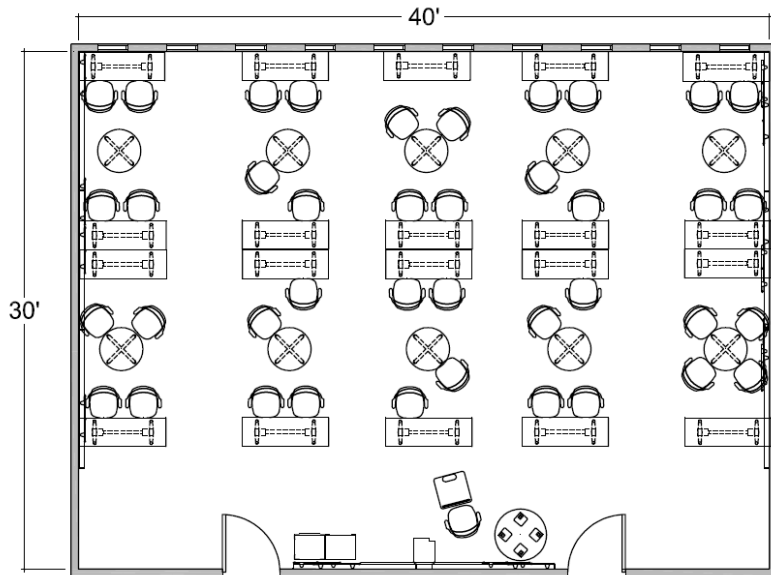
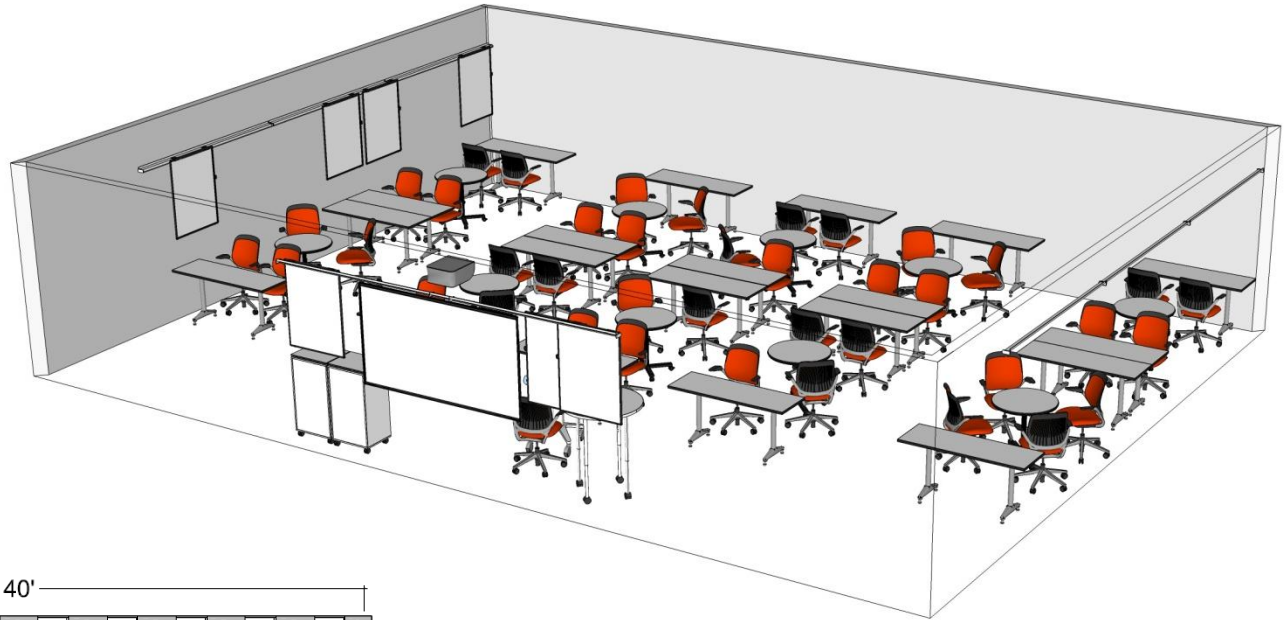




**MODEL A:
1200 SQUARE FEET AND 40
STUDENTS**



blended
LIONAKIS²¹

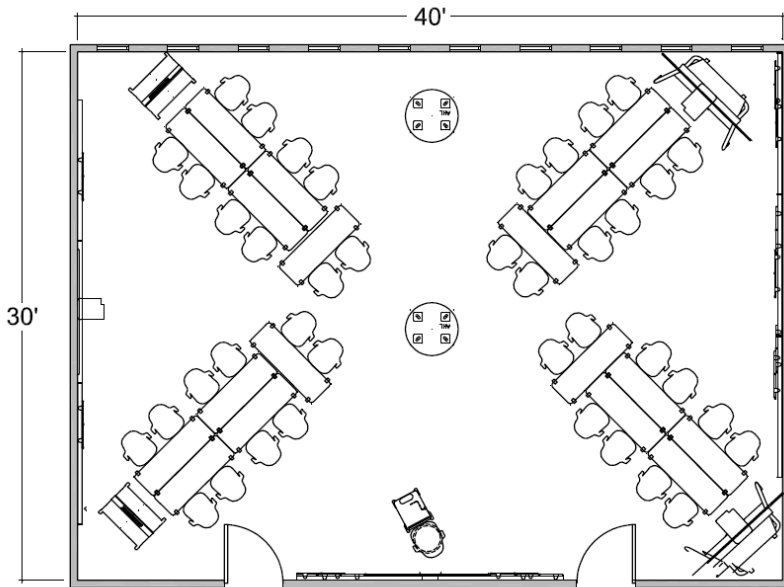
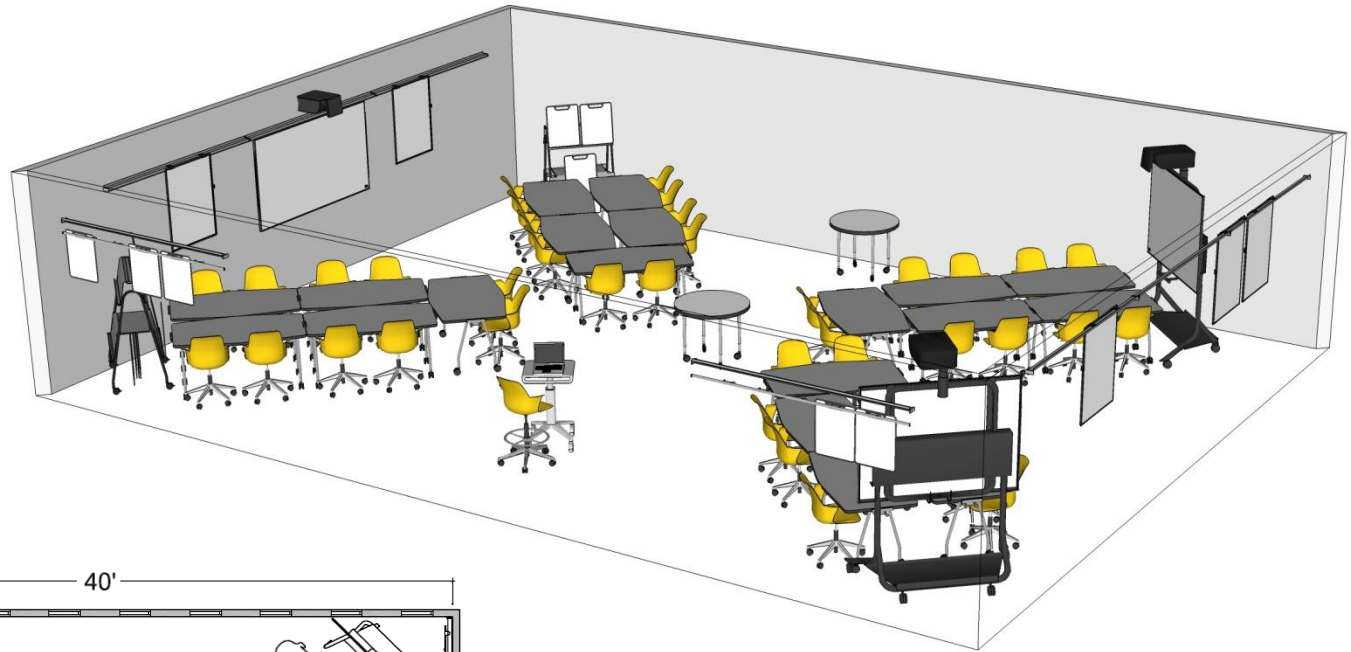


**MODEL B:
1200 SQUARE FEET AND 40
STUDENTS**



flexible





MODEL C:
1200 SQUARE FEET AND
40 STUDENTS



technology



tech wall

small group





performance

publishing





real world

nutrition







athletics



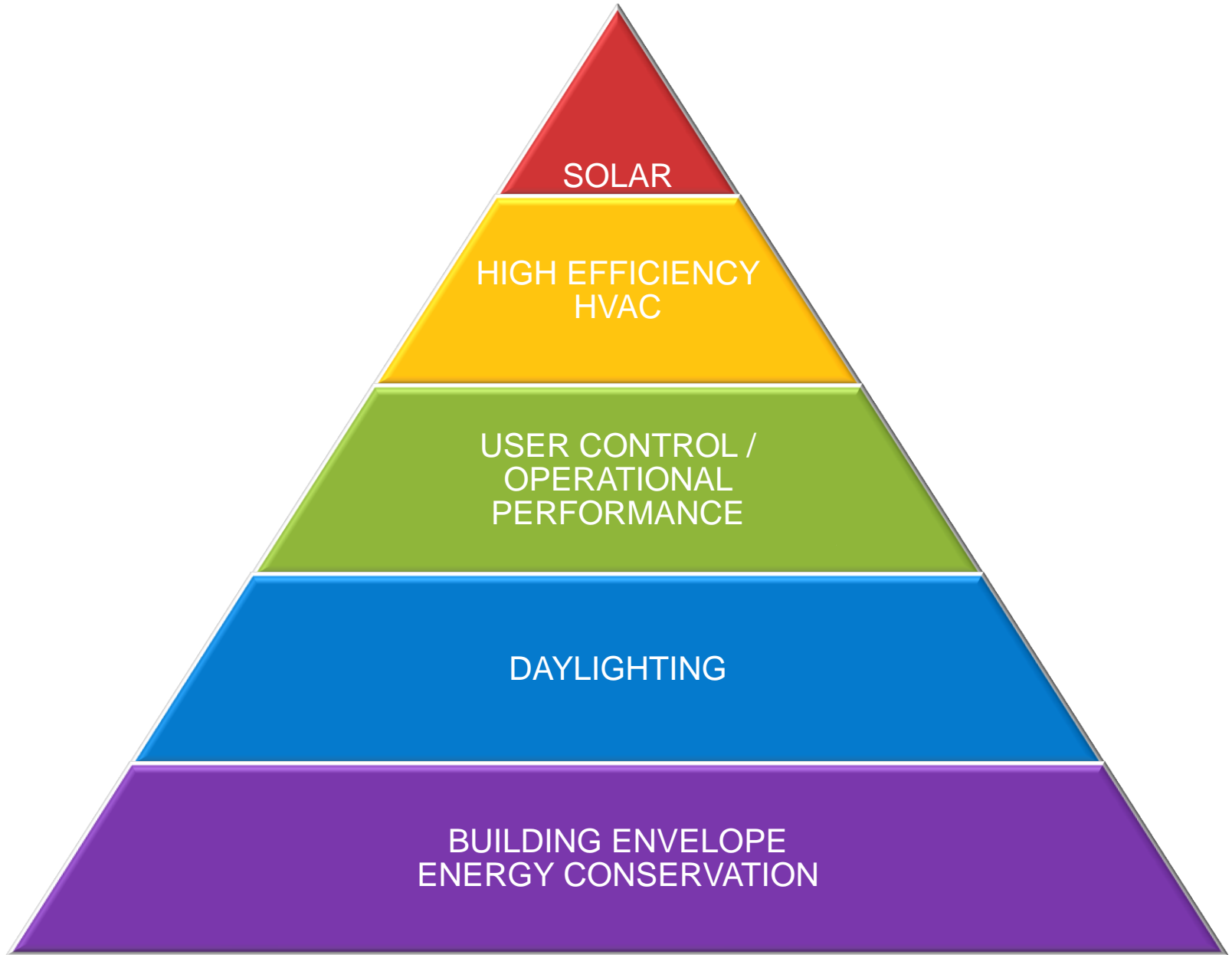
outdoor

Sustainable Learning Environments

Reduce Absenteeism

Improved Learning

Save Energy



Sustainability Goals



Based on 2004 data from LAUSD, an average school could earn an additional \$94,000 - \$188,000 from the state by increasing ADA through green school practices (indoor air quality) which are projected to significantly reduce the number of student sick days.

air quality

daylighting

“Controlling for all other influences, we found that students with the most daylighting in their classrooms progressed 20% faster on math tests and 26% on reading tests in one year than those with the least.”





energy

ENERGY



DID YOU KNOW?

- California schools spend \$700 million of their annual budgets on energy.
- Monitoring real-time energy use commonly results in 15-40% energy savings.
- This building is designed to use 39% less energy than it did prior to the renovation.
- Daylight sensors turn lights off automatically when daylight is adequate to save energy.

LIONAKIS

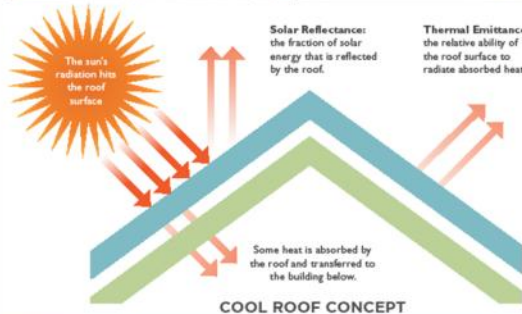
Window interlocks turn off heating & cooling equipment when windows are open so that energy is not wasted.



Cool roofs are light colored materials that result in energy savings by reflecting solar energy.



MONITOR REAL-TIME USAGE OF WATER & ELECTRICITY



DID YOU KNOW?

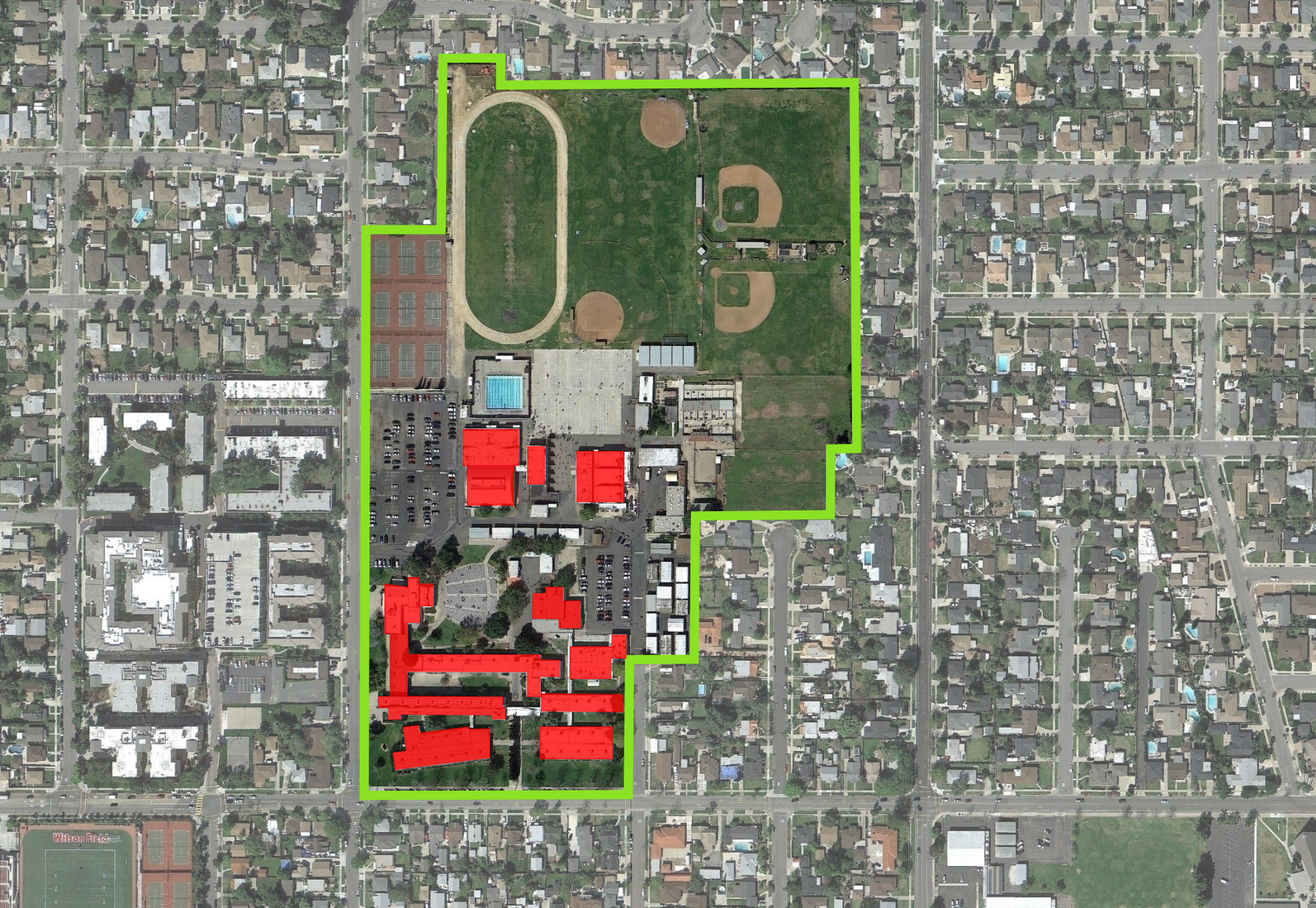
People Habitually Underestimate their Energy Consumption by 2.8 times

Orange High School

“Orange High School is committed to the continual improvement of academic achievement by providing open access to rigorous curricula in a supportive learning environment.

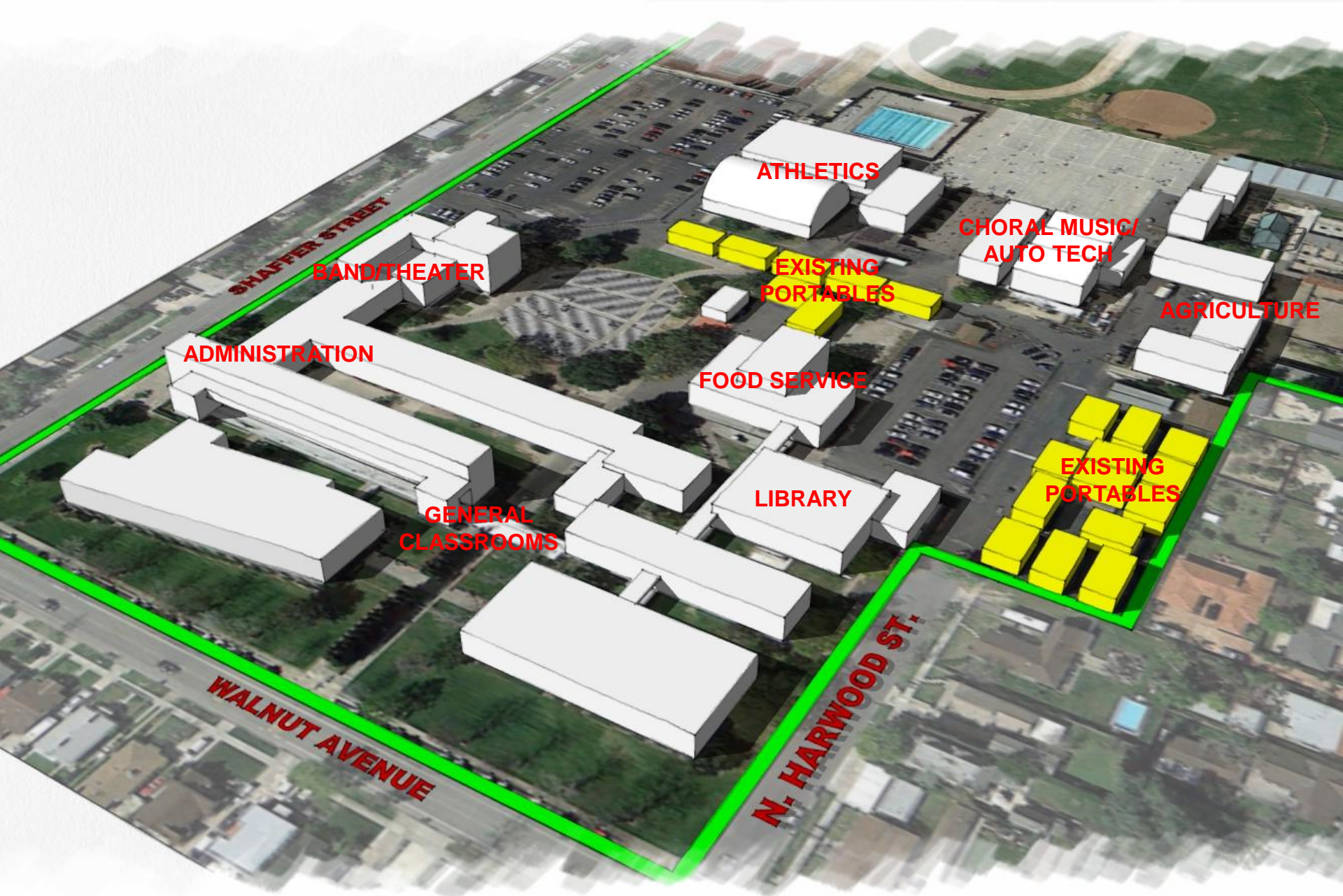
All students will have the opportunity to complete college entrance requirements and explore career pathways in preparation for a global economy.”

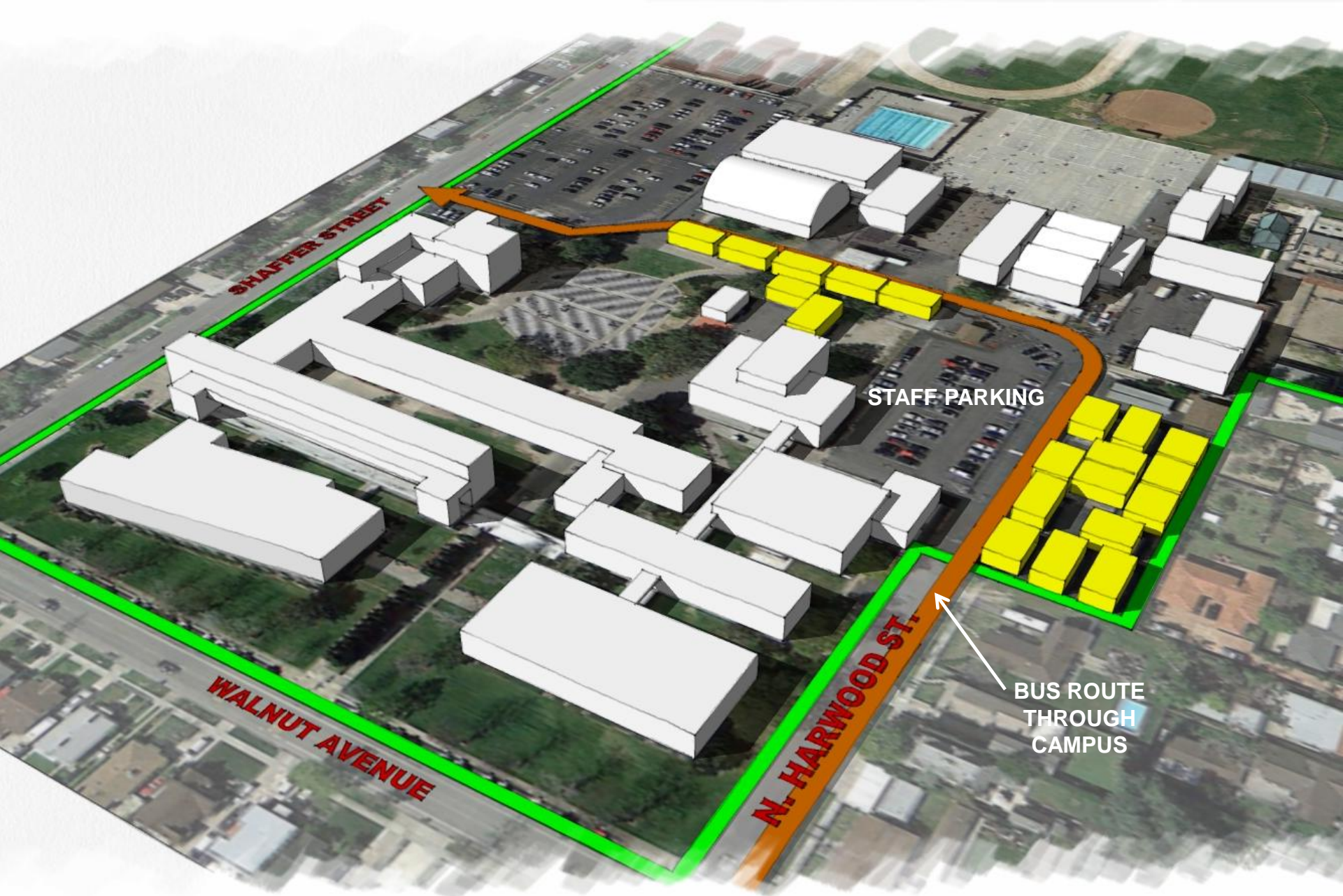




Original Campus Configuration ca. 1952 – Orange HS







relationships.

performance.

design.