



Villa Park High School Science Center

Orange Unified School District



LPA

Board Presentation
June 8, 2017

agenda

- 01 Project Scope | Classroom Count
- 02 Site Design
- 03 Floor Plans
- 04 Building Sections
- 05 Imagery | Fly Through Animation
- 06 Schedule | Budget
- 07 Q & A



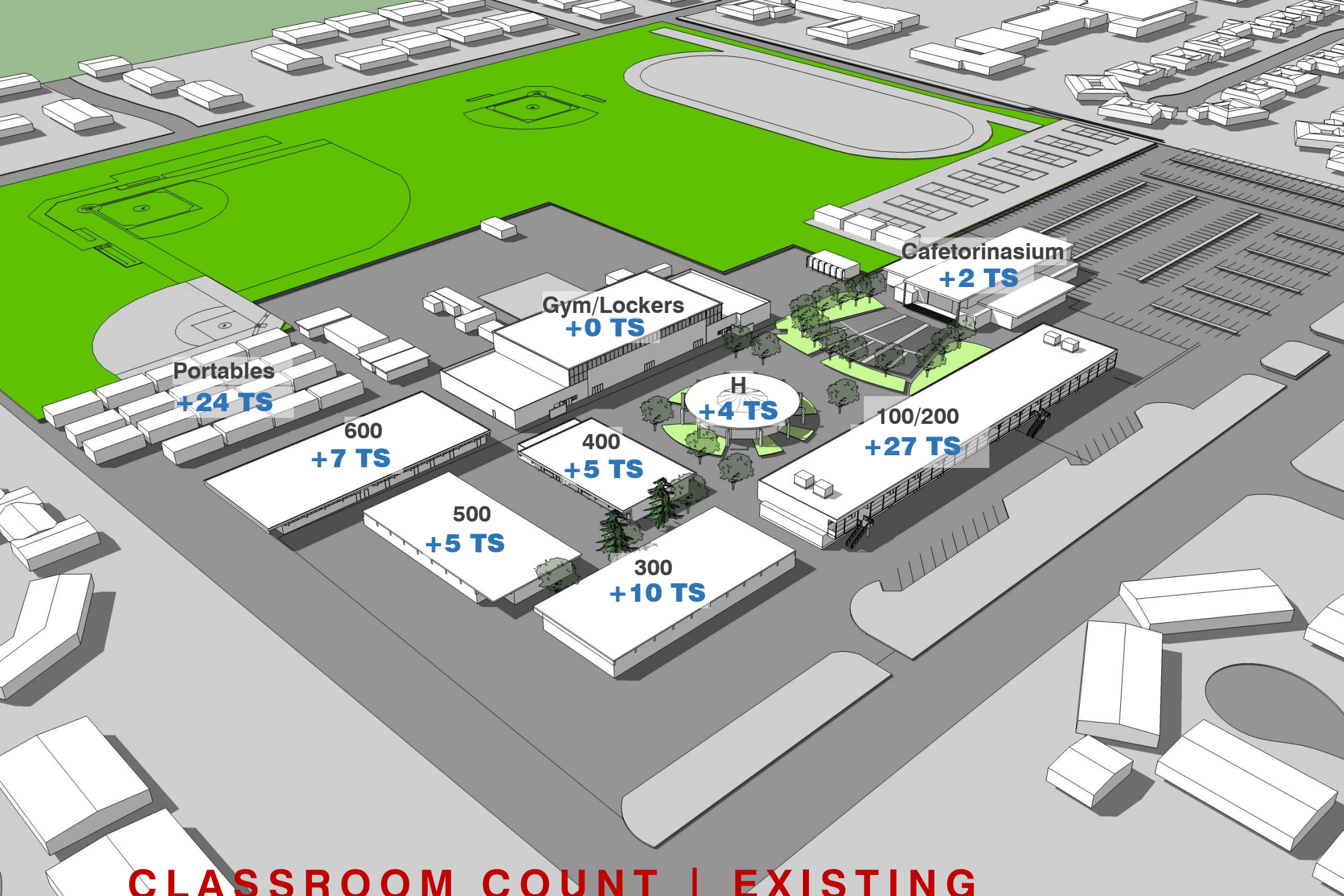
objectives

Build Science Center with 12 Labs, 2 Multi-purpose Classrooms and Medically Fragile Facility Suite

Create a Southern California 'science' Landscape that Promotes Teaching as an Enhancement to the Existing Quad

Address Aging Utility Infrastructure

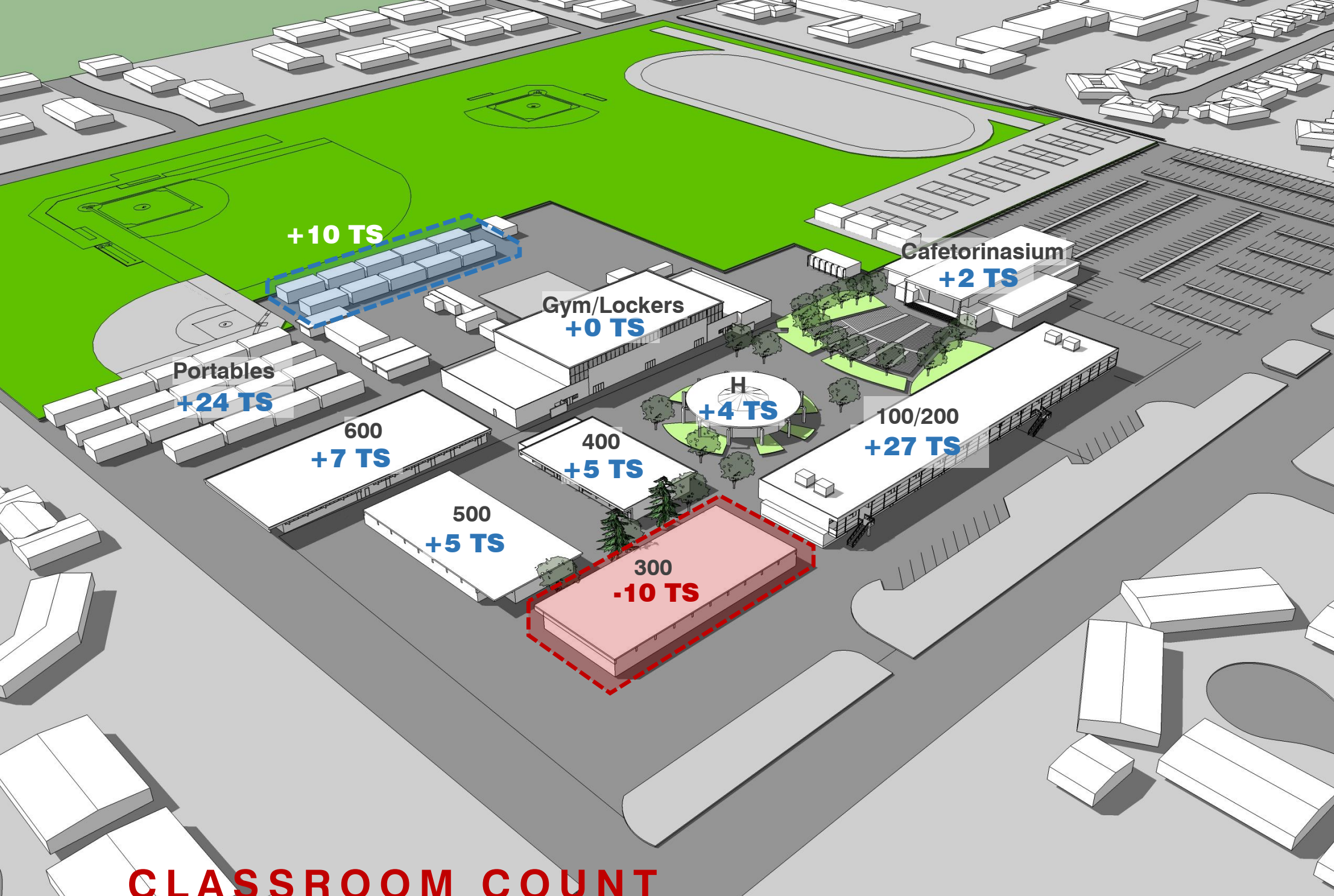




Building	# Teaching Stations
Bldg 100/200	+27
Bldg 300	+10
Bldg 400	+5
Bldg 500	+5
Bldg 600	+7
Bldg H	+4
Gym/Locker Bldg	+0
Cafetorinasium	+2
Subtotal	60 TS
Portables	+24
Total	84 TS

CLASSROOM COUNT | EXISTING
VILLA PARK HIGH SCHOOL





Building	# Teaching Stations
Bldg 100/200	+27
DEMO Bldg 300	-10
Bldg 400	+5
Bldg 500	+5
Bldg 600	+7
Bldg H	+4
Gym/Locker Bldg	+0
Cafetorinasium	+2
Subtotal	50 TS
Portables	+24
Total	74 TS
Interim Housing	+10
Total	84 TS

CLASSROOM COUNT

VILLA PARK HIGH SCHOOL





Building	# Teaching Stations
Bldg 100/200	+27
Bldg 400	+5
Bldg 500	+5
Bldg 600	+7
Bldg H	+4
Gym/Locker Bldg	+0
Cafetorinasium	+2
Subtotal	50 TS
Portables	+34
Total	84 TS
New Science Center	+16
Remove Interim Housing Portables	-10
Remove Existing Portables	-6
Total	84 TS

CLASSROOM COUNT

VILLA PARK HIGH SCHOOL



t a f t a v e n u e



SITE ILLUSTRATIVE
VILLA PARK HIGH SCHOOL





functional



drought tolerant + native



teaching tool

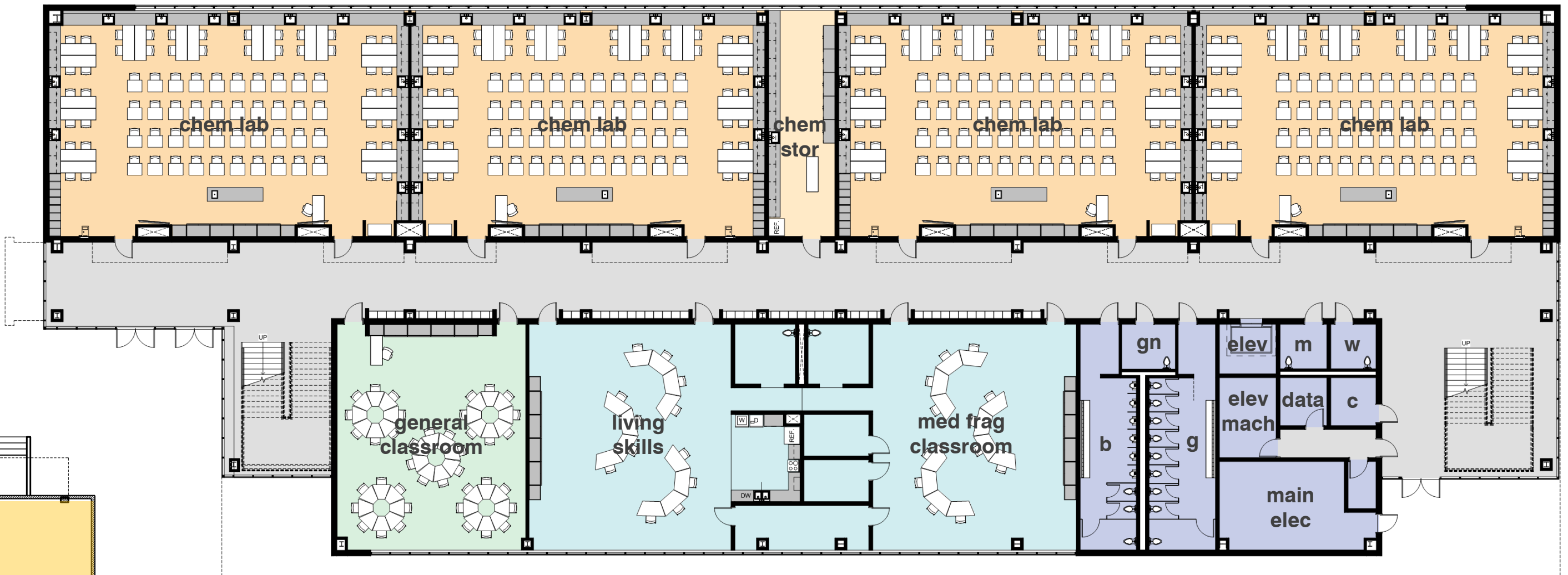


educational

LANDSCAPE IMAGERY

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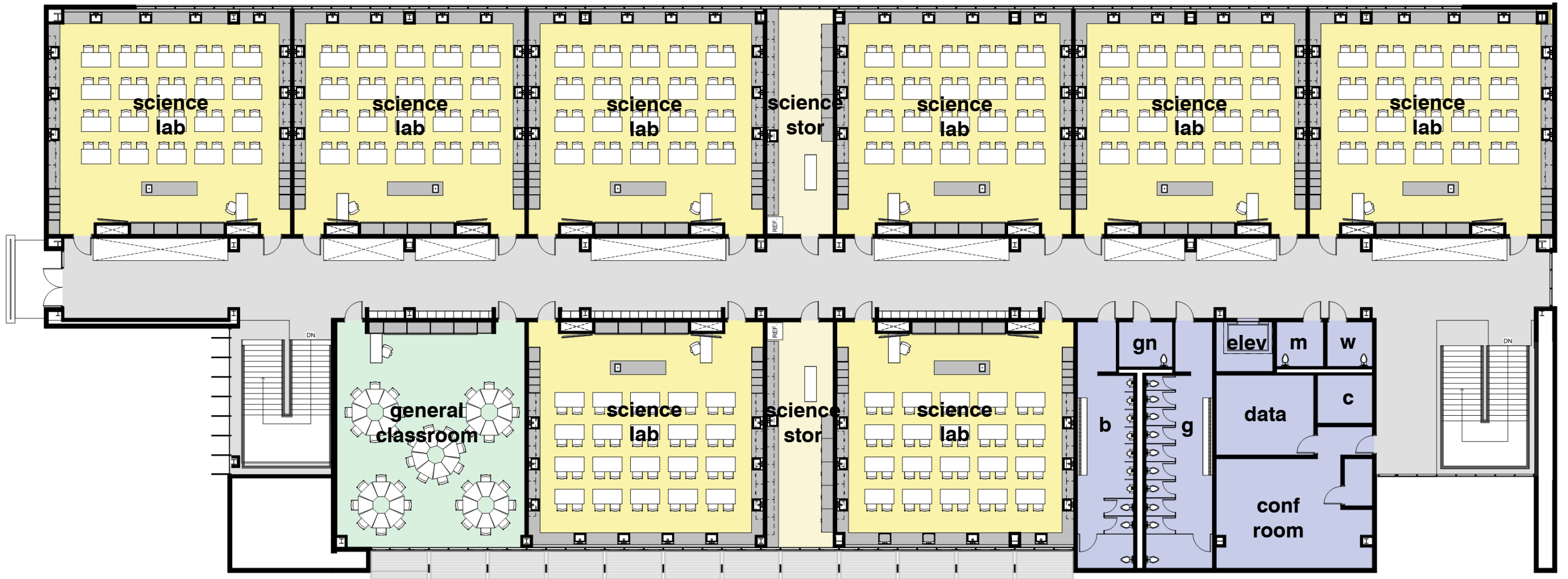


- (4) chemistry labs
- (2) sp ed classrooms
- (1) general classroom

FIRST FLOOR PLAN

SCIENCE CENTER



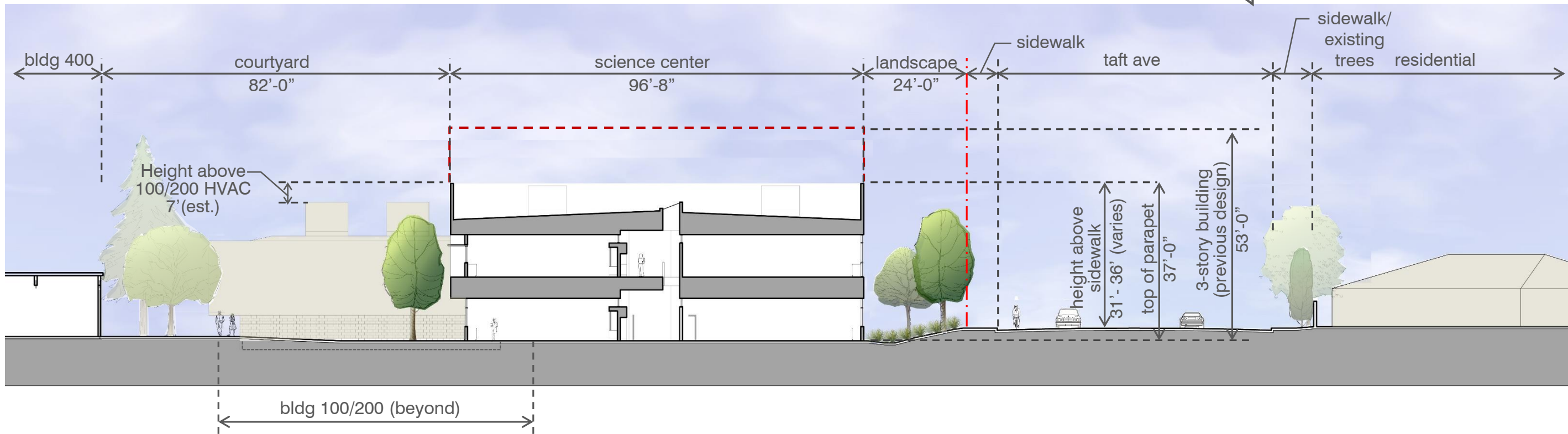


- (8) science labs
- (1) general classroom

SECOND FLOOR PLAN

SCIENCE CENTER

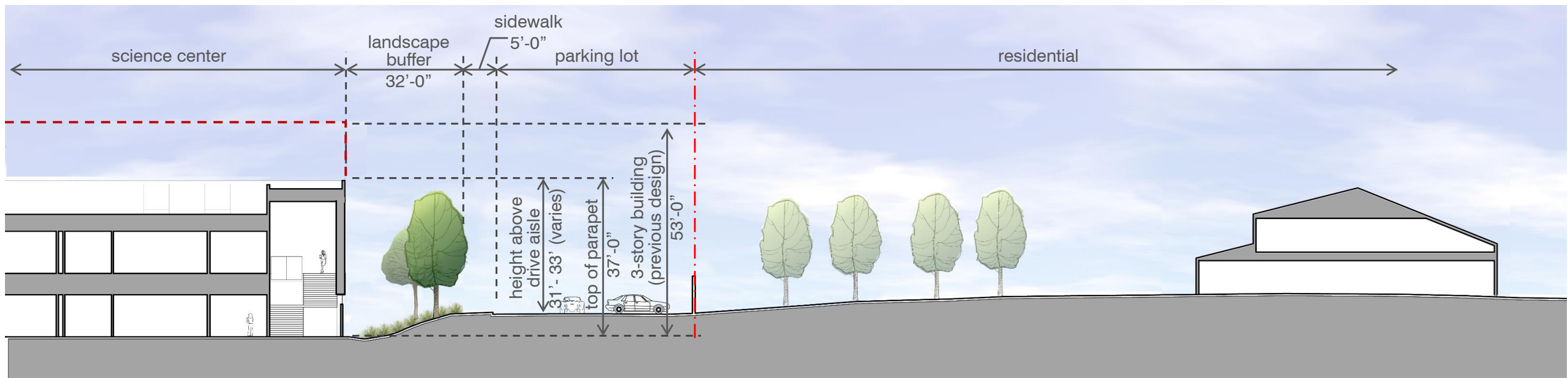




SECTION THRU TAFT AVENUE

PROJECT CONTEXT





SECTION THRU FACULTY PARKING

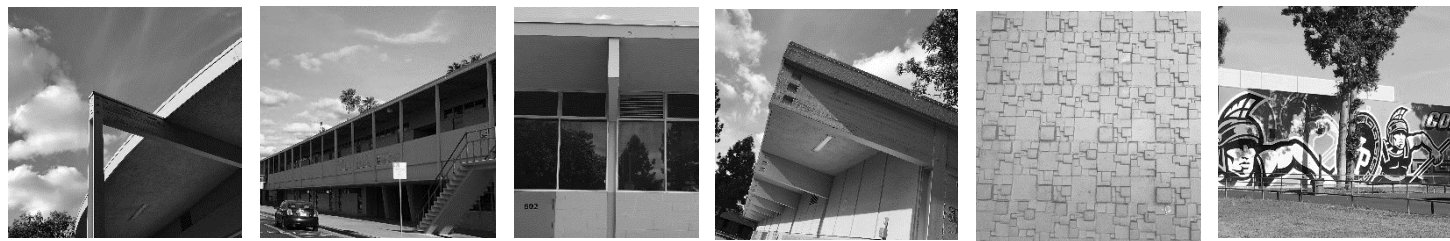
PROJECT CONTEXT



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distinct

warm

modern

high-tech

welcoming



different- not vanilla!

of this time

not industrial

spirited

transparency

inviting

CHARACTER VISIONING
 MASTER PLAN COMMITTEE



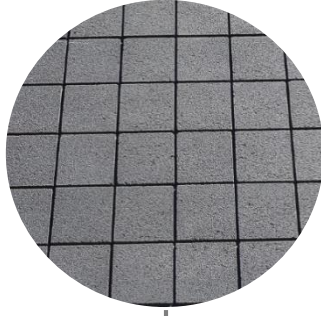
maximize glazing



glazing/clear blue



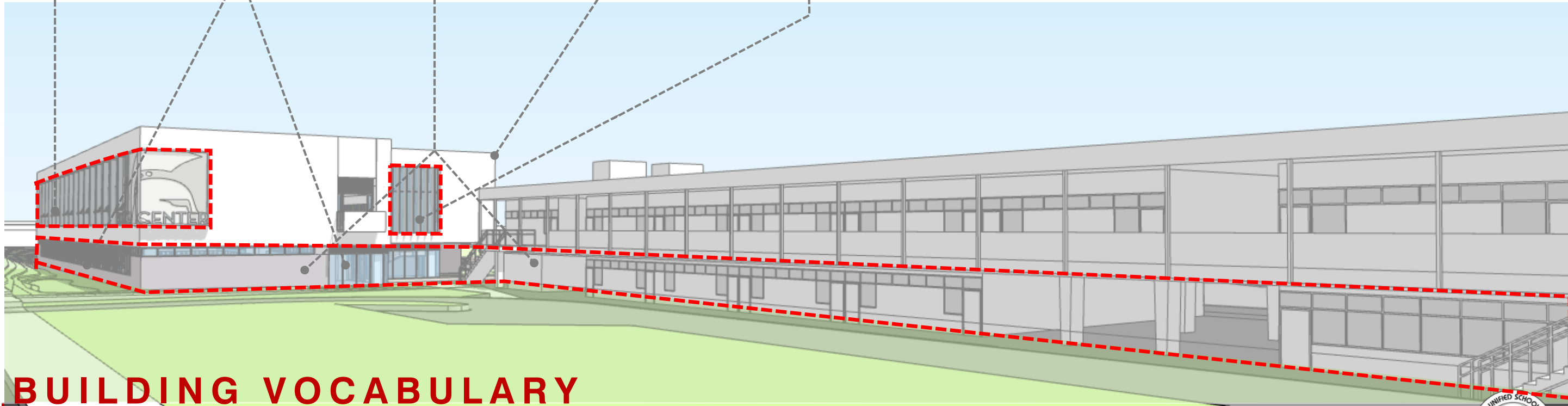
durable base/cmu



deep overhang



vertical fins



BUILDING VOCABULARY

DESIGN CONTEXT



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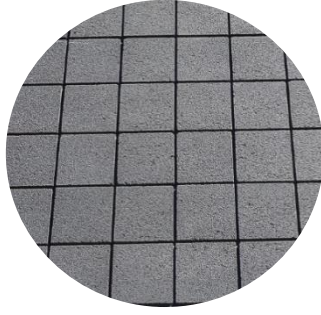
maximize glazing



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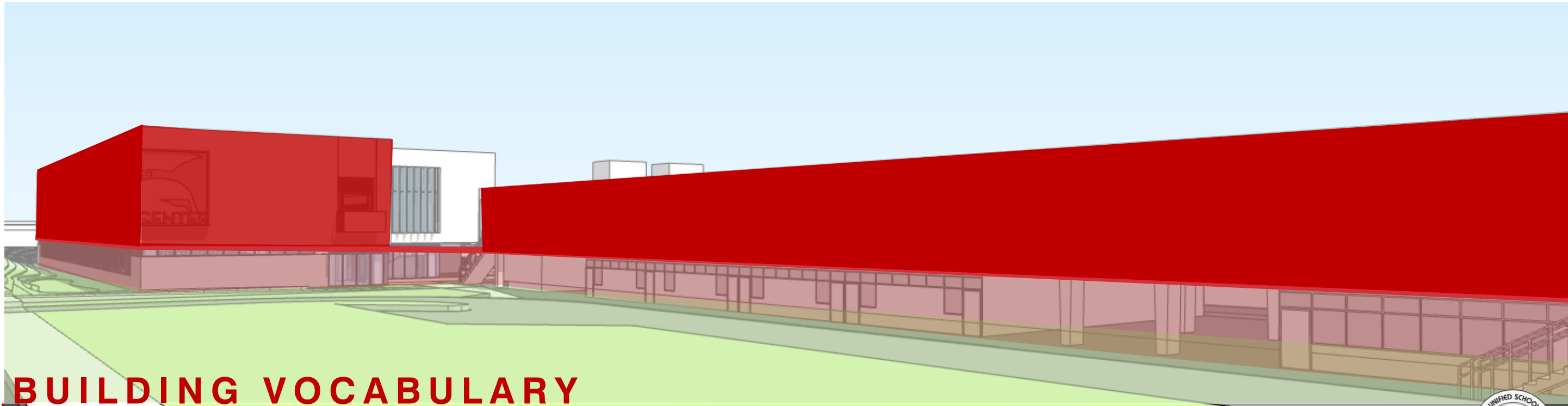
durable base/cmu



deep overhang



vertical fins



BUILDING VOCABULARY

DESIGN CONTEXT

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VILLA PARK HIGH SCHOOL



THE SCIENCE CENTER AT VILLA PARK HIGH SCHOOL





SCIENCE CENTER

THE SCIENCE CENTER

AT VILLA PARK HIGH SCHOOL



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preliminary budget

Building Project Cost

\$39.1 M

Site & Infrastructure Cost

\$6.1 M

Total Project Cost

\$45.2M

CHALLENGE CENTER



project schedule

Design | Documentation

April 2017 – March 2018

DSA Review | Approval

March 2018 – November 2018

Install Interim Housing

Summer 2018

Bid & Award

November 2018 – February 2019

Science Center Construction Begins

February 2019

Science Center Occupancy

November 2020



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CORDOBA CORPORATION
SAN FRANCISCO • LOS ANGELES • SANTA ANA • SAN DIEGO



THE SCIENCE CENTER
AT VILLA PARK HIGH SCHOOL



creating sustainable places and spaces that enrich the lives of those who use them