

Baltimore City Public Schools
21st Century School Buildings Program
Maryland Stadium Authority



PATTERSON HIGH SCHOOL
&
CLAREMONT MIDDLE/HIGH SCHOOL
Grades 6 through 12

UDARP Presentation • Concept Design
02 February 2017



Project Team

Program Manager

Maryland Stadium Authority

Owner

Baltimore City Public Schools
21st Century School Buildings Program

Architect

Stantec Architecture
JRS Architects (associate architect)

Landscape Architect

Mahan Rykiel Associates

Civil Engineer

Carroll Engineering

Construction Manager

Skanska

Project Description

Vision + Program

Patterson High School

“Within our diverse community, every student will graduate ready to achieve in higher education and to compete in the global workforce.”

- Serves Grades 9 – 12
- Diverse, Multi-Lingual Population
- ELL, SPED Programs
- Academy Model School
- Active Community / Alumni Network



Claremont Middle/High School

“Strive to prepare students academically, socially and emotionally to become independent adults living and working in the community.”

- Serves Grades 6 – 12, Ages 12 – 21
- Moderate to Severe Disabilities
- Life Skills, OT/PT, Special Olympics
- Outdoor Learning / Play / Adaptive P.E.
- Separate Public Day School



Project Description

Project Scope

Total Building Area: 236,800 sf

- Patterson 191,600 sf
- Claremont 45,200 sf

Design Capacity: 1,512 pupils

- Patterson 1,372 pupils
- Claremont 140 pupils

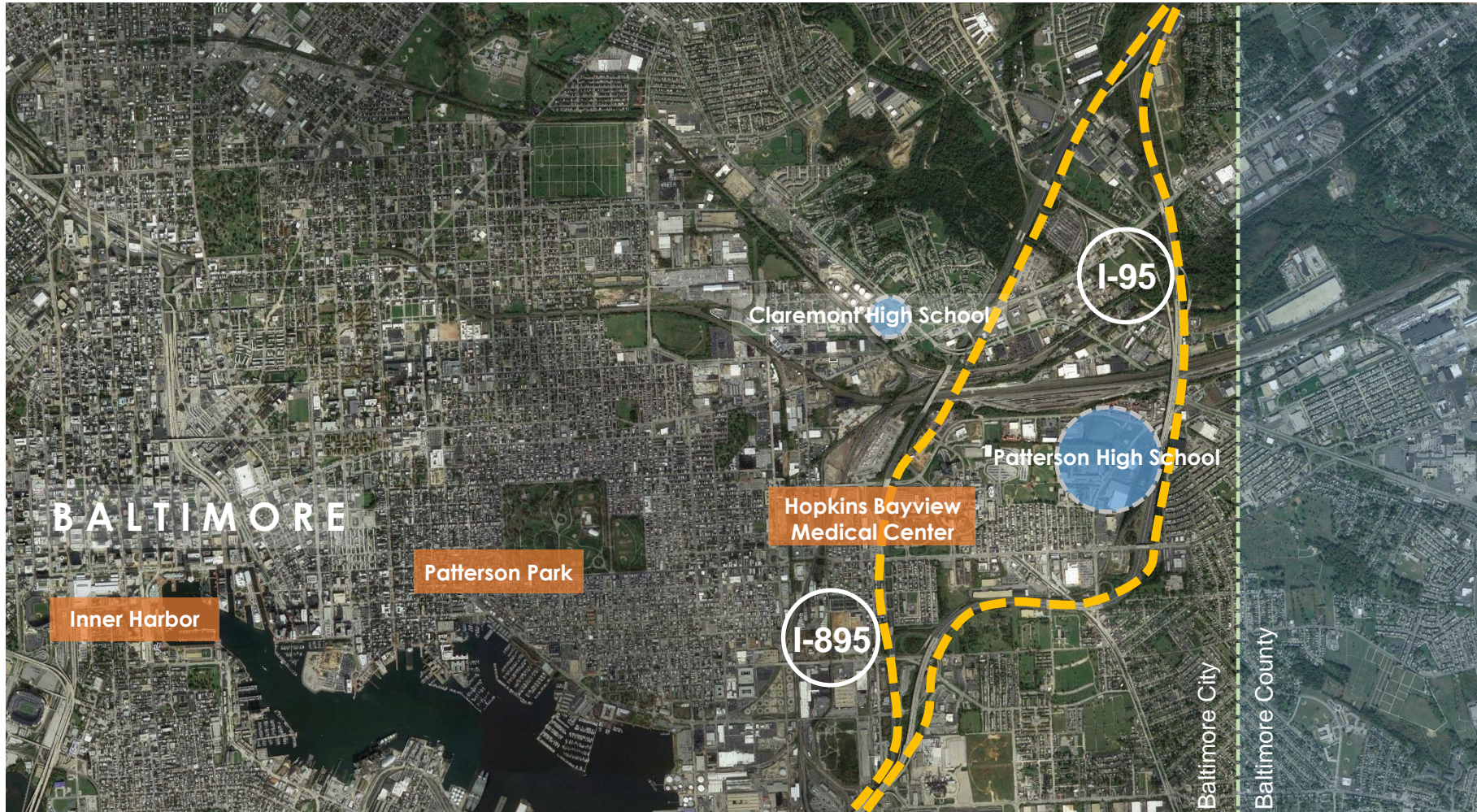
21st Century School Design Features

- Collaborative Learning
- Flexible, Adaptable, Sustainable Spaces
- Community-Oriented
- Outdoor Learning Spaces

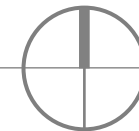


Project Location

Vicinity Map

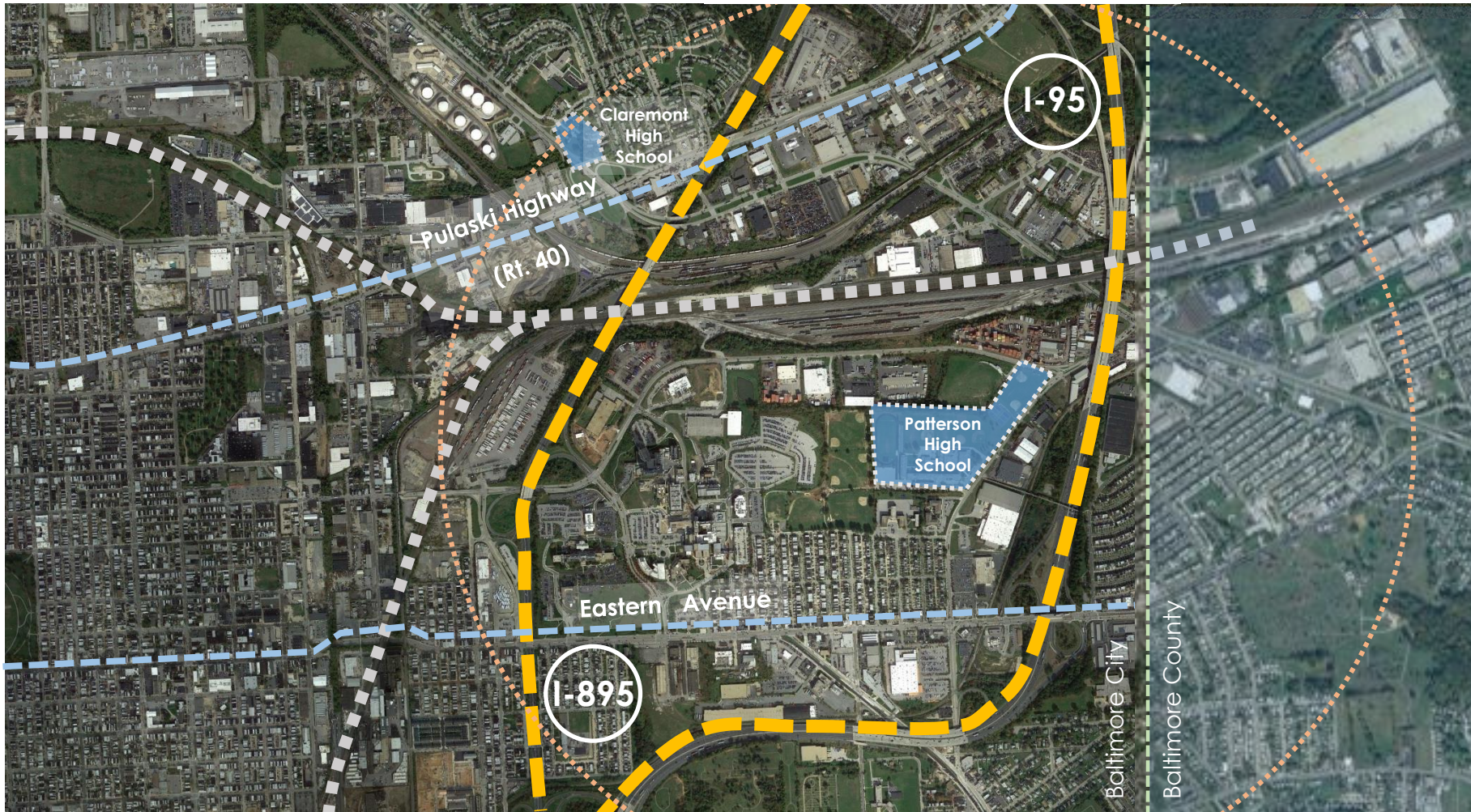


Interstate



Project Location

Immediate Surrounds






- Interstate
- Major Arterial
- Rail
- City/County Boundary
- 1 Mile Radius from Site



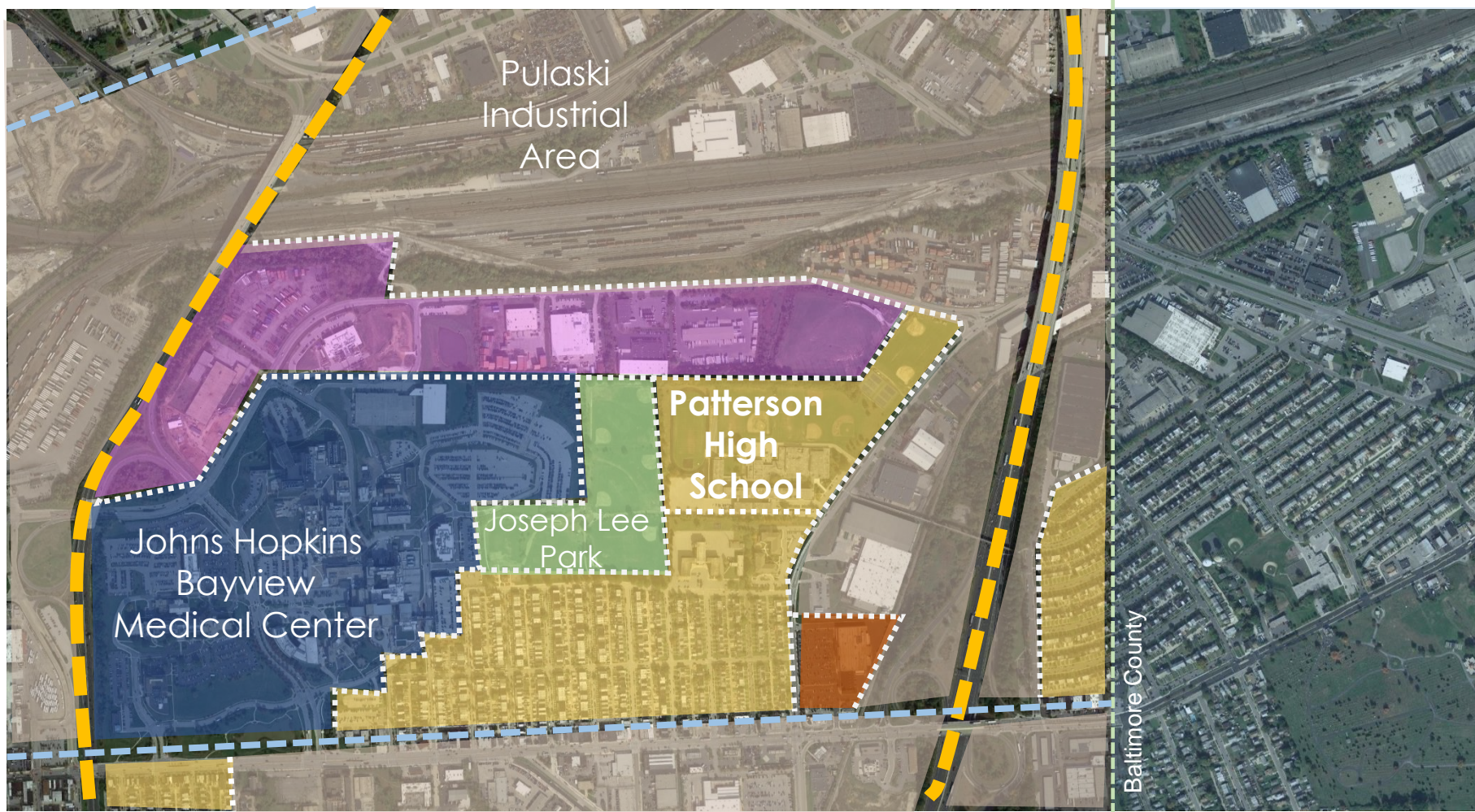
Project Location

Adjacent Uses



-  Interstate
-  Major Arterial
-  Secondary Arterial





Project Location

Aerial View

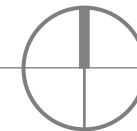


Project Location

Character / Context

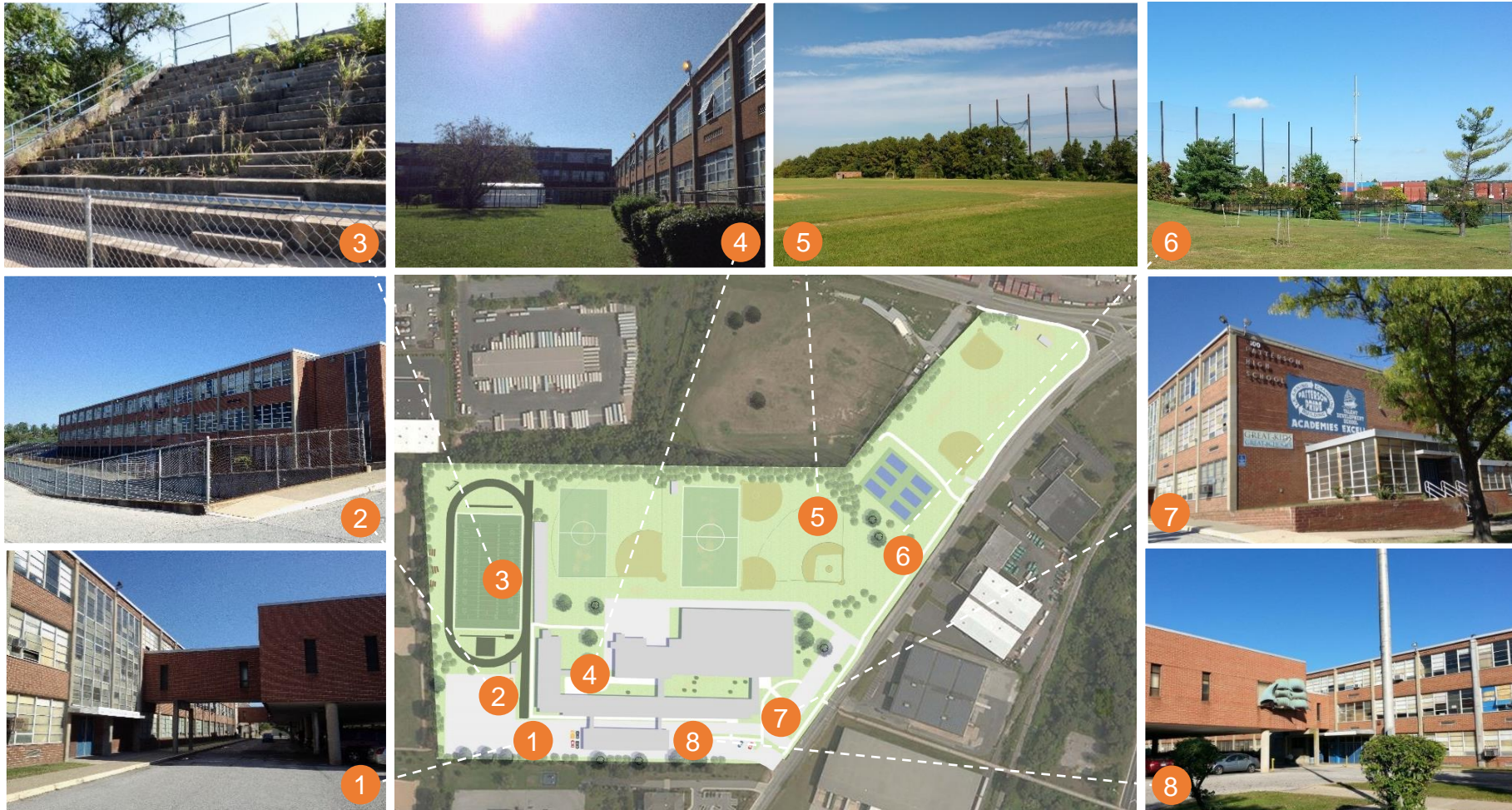


- 1 View of row houses south of site
- 2 View of assisted living complex to south of site
- 3 View at Patterson entrance from Kane Street
- 4 View of shipping containers north of E. Lombard Street
- 5 View to I-95 from NE corner of site
- 6 View of site panhandle from Kane Street
- 7 View at east end of pedestrian bridge
- 8 View of Patterson at west end of pedestrian bridge



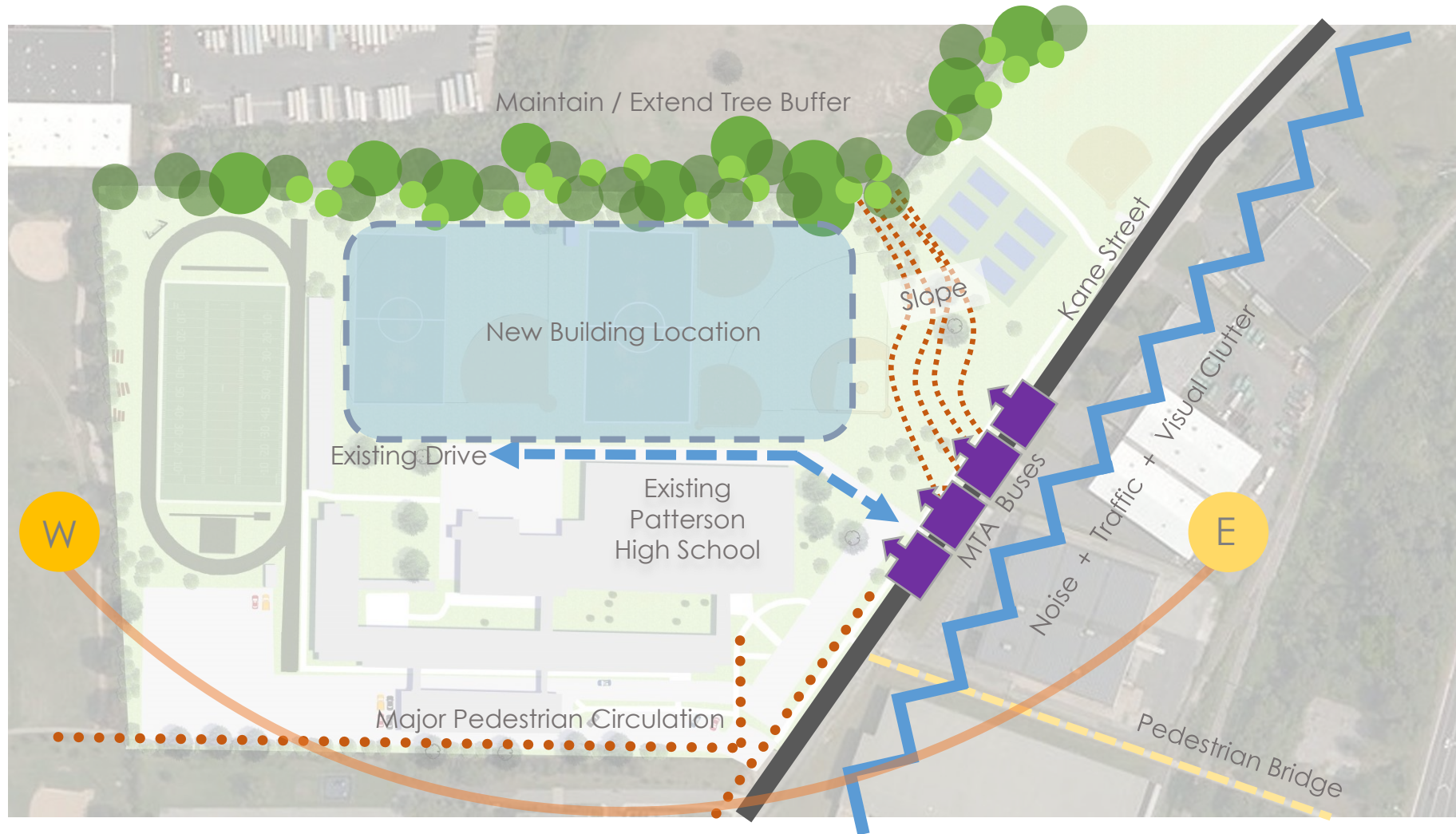
Project Location

Character / Context



- 1 View of main academic wing / administration & library wing
- 2 View of 9th grade academic wing
- 3 View of spectator seating at football stadium
- 4 View of courtyard
- 5 View North, boundary with golf driving range
- 6 View of tennis courts at bottom of hill
- 7 View of (1957) main entry, 3-Story academic wing
- 8 View of (1966) addition and "Clipper Ship" sculpture





Preliminary Studies

Building Siting & Massing



H-Scheme



Bar Scheme



Hinge Scheme



On the Hill

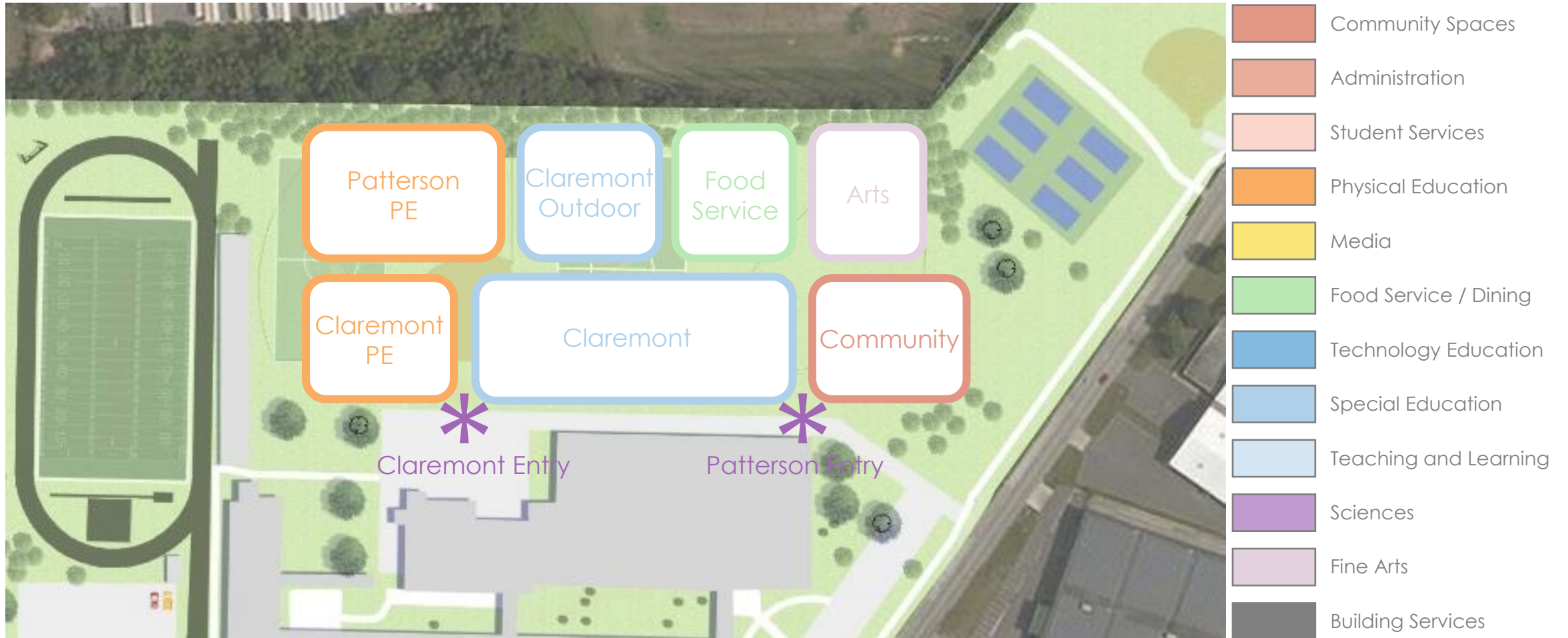


On the Fields



Program Adjacencies

First Floor



Program Zoning

First Floor



- Community Spaces
- Administration
- Student Services
- Physical Education
- Media
- Food Service / Dining
- Technology Education
- Special Education
- Teaching and Learning
- Sciences
- Fine Arts
- Building Services

Program Zoning

Second Floor



- Community Spaces
- Administration
- Student Services
- Physical Education
- Media
- Food Service / Dining
- Technology Education
- Special Education
- Teaching and Learning
- Sciences
- Fine Arts
- Building Services

Program Zoning

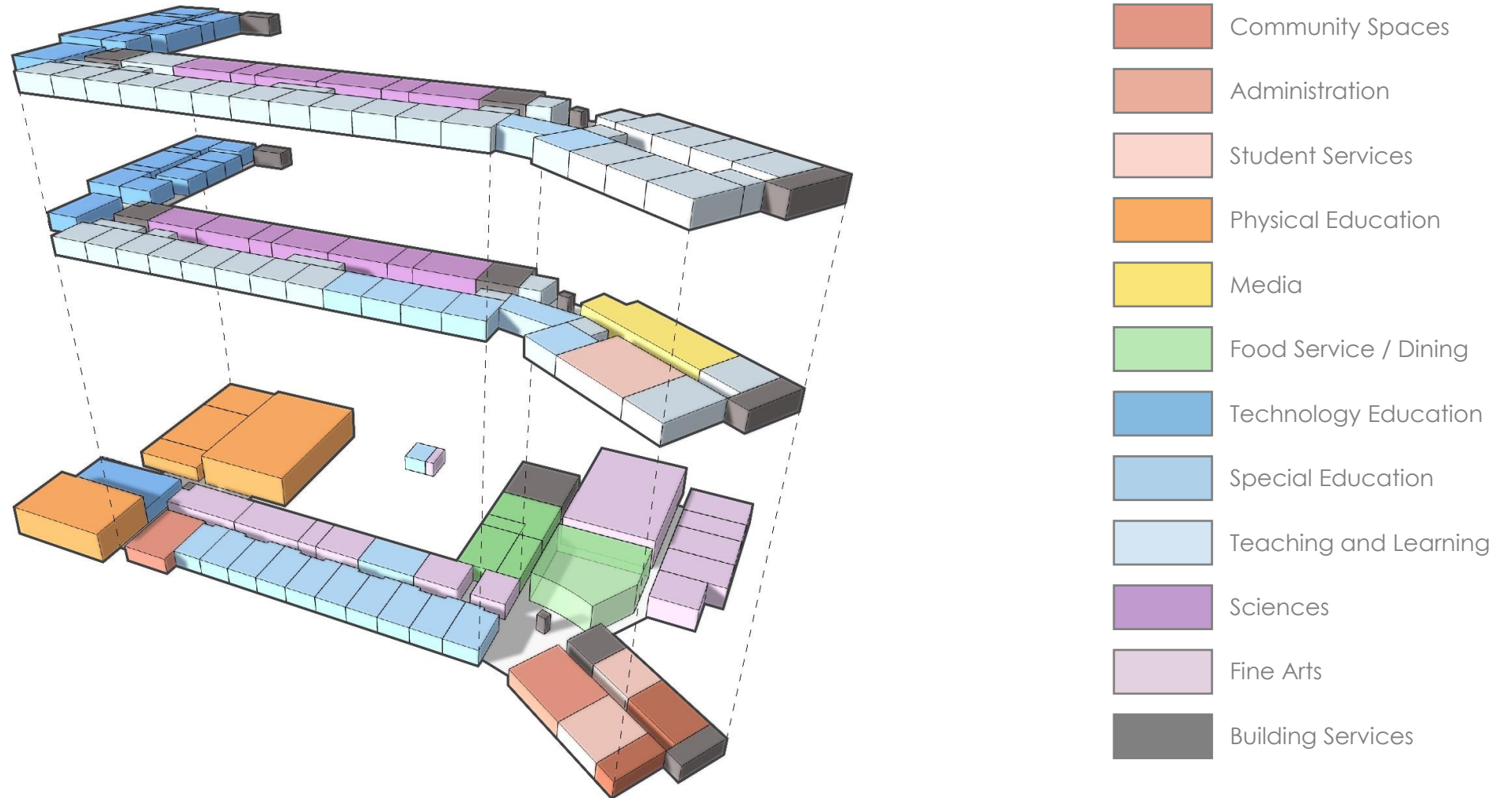
Third Floor



- Community Spaces
- Administration
- Student Services
- Physical Education
- Media
- Food Service / Dining
- Technology Education
- Special Education
- Teaching and Learning
- Sciences
- Fine Arts
- Building Services

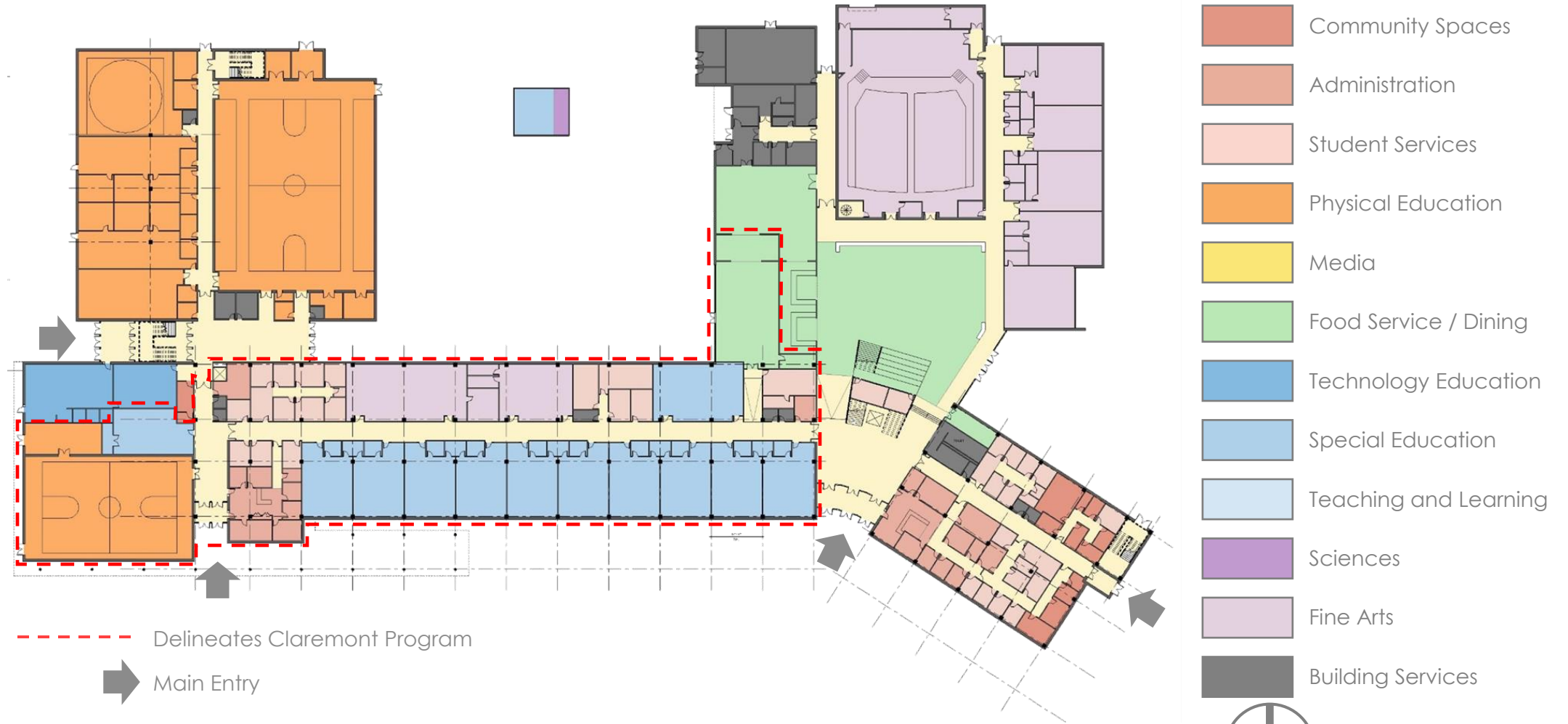
Program Zoning

Stacking Diagram



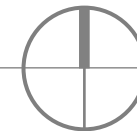
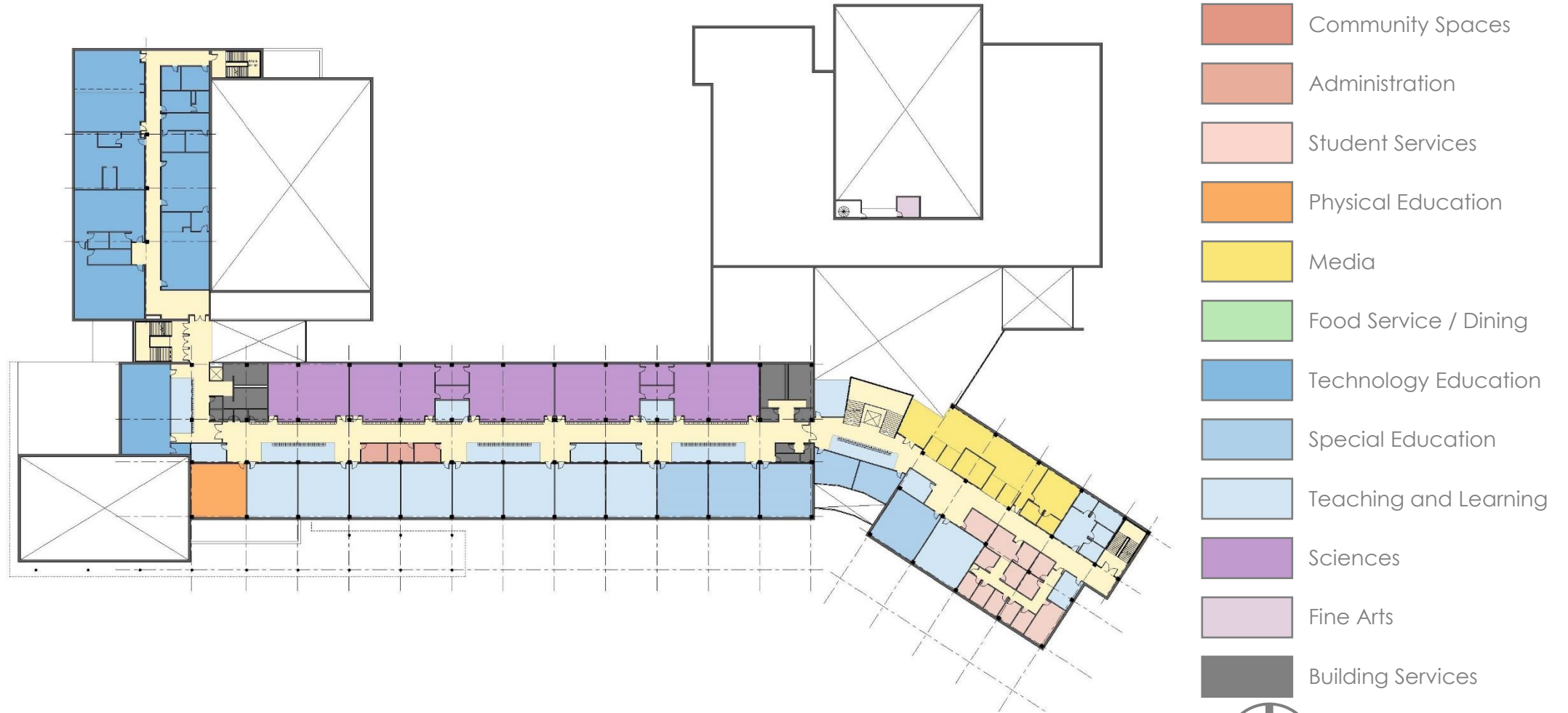
Conceptual Floor Plans

First Floor



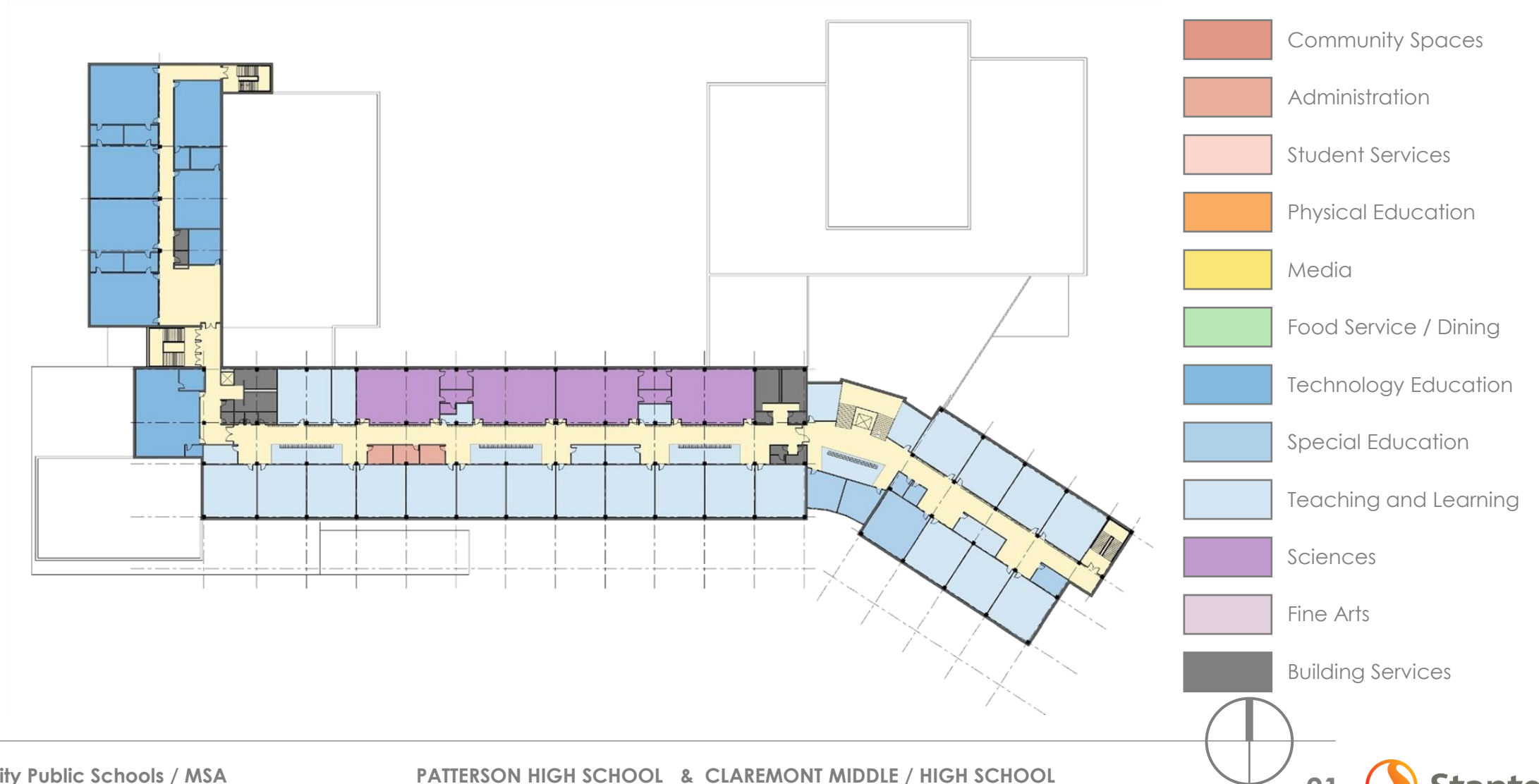
Conceptual Floor Plans

Second Floor



Conceptual Floor Plans

Third Floor





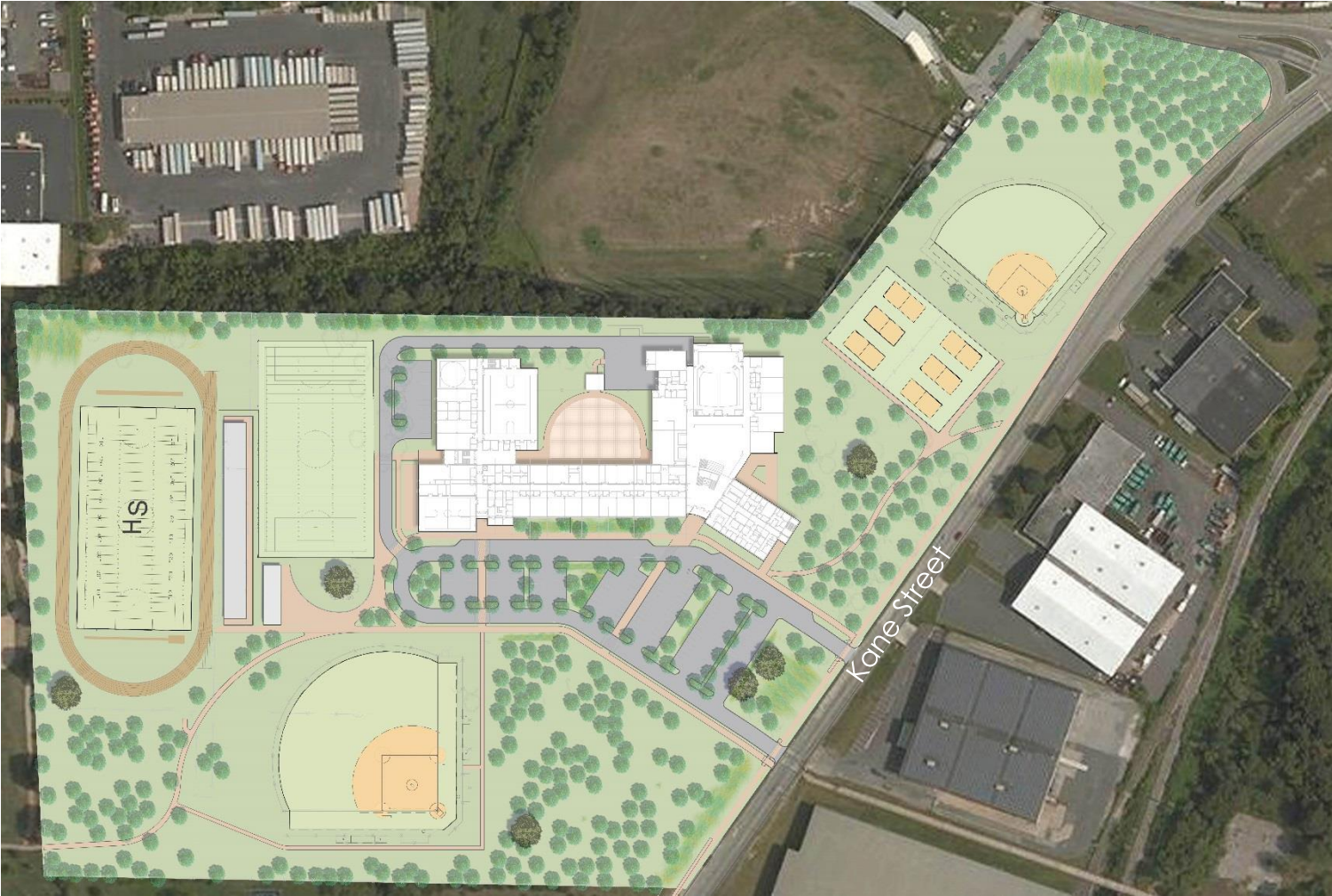
- June 2019
- New school opens
- Existing school to be demolished
- Partial sitework complete

● Specimen Tree



Site Development

Phase 2



- December 2019
- Sitework Completed

● Specimen Tree

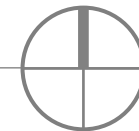


Conceptual Site Plan

Pedestrian Circulation

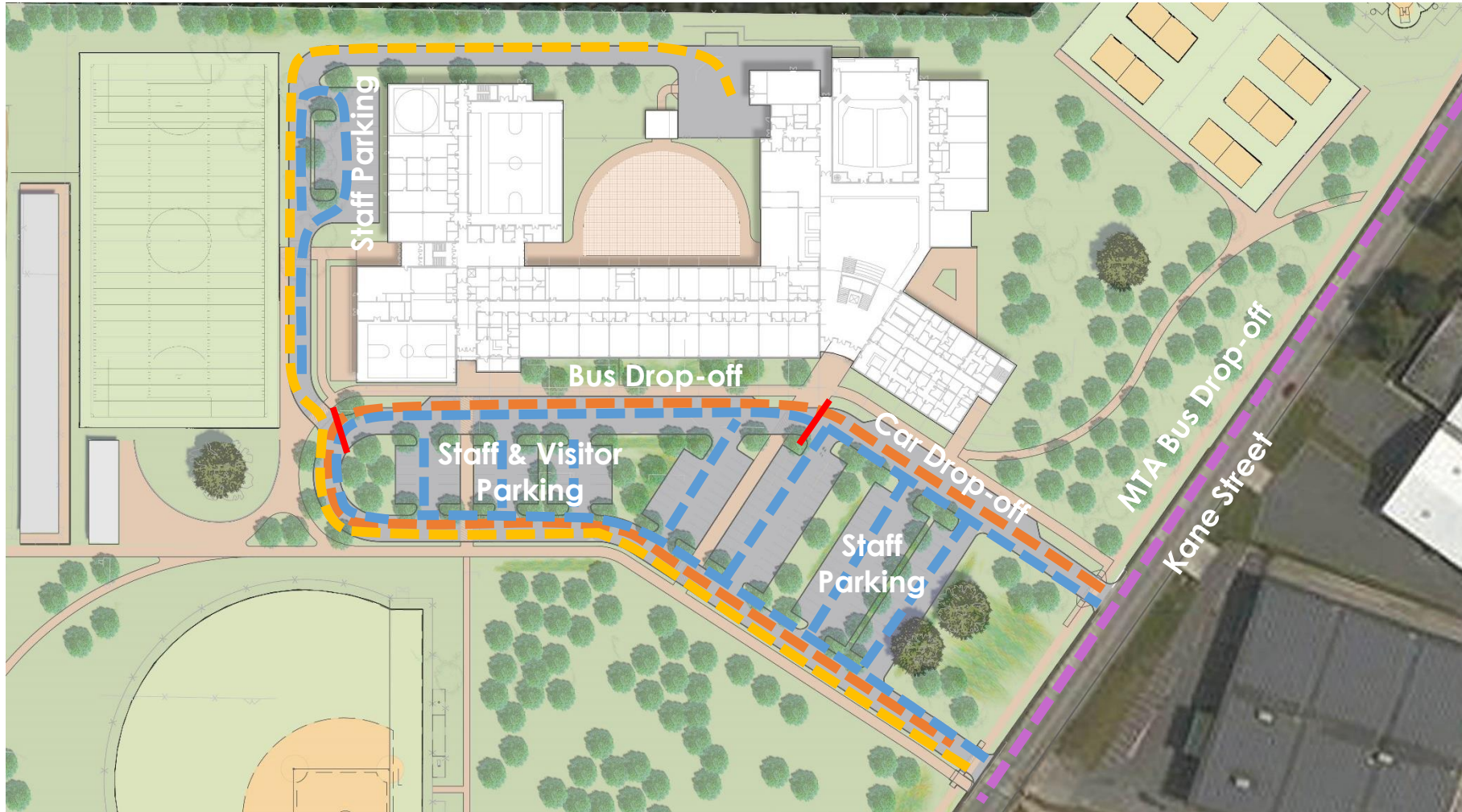


- Pedestrian Hub
- Major Pedestrian Circulation
- ➔ Building Entrance

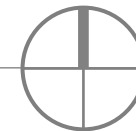


Conceptual Site Plan

Vehicular Circulation



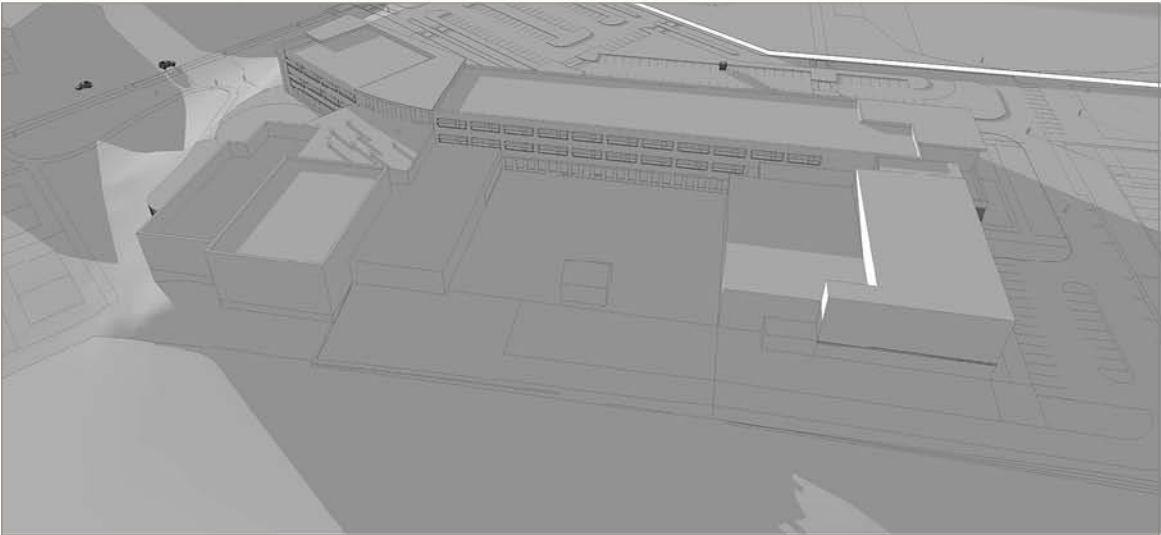
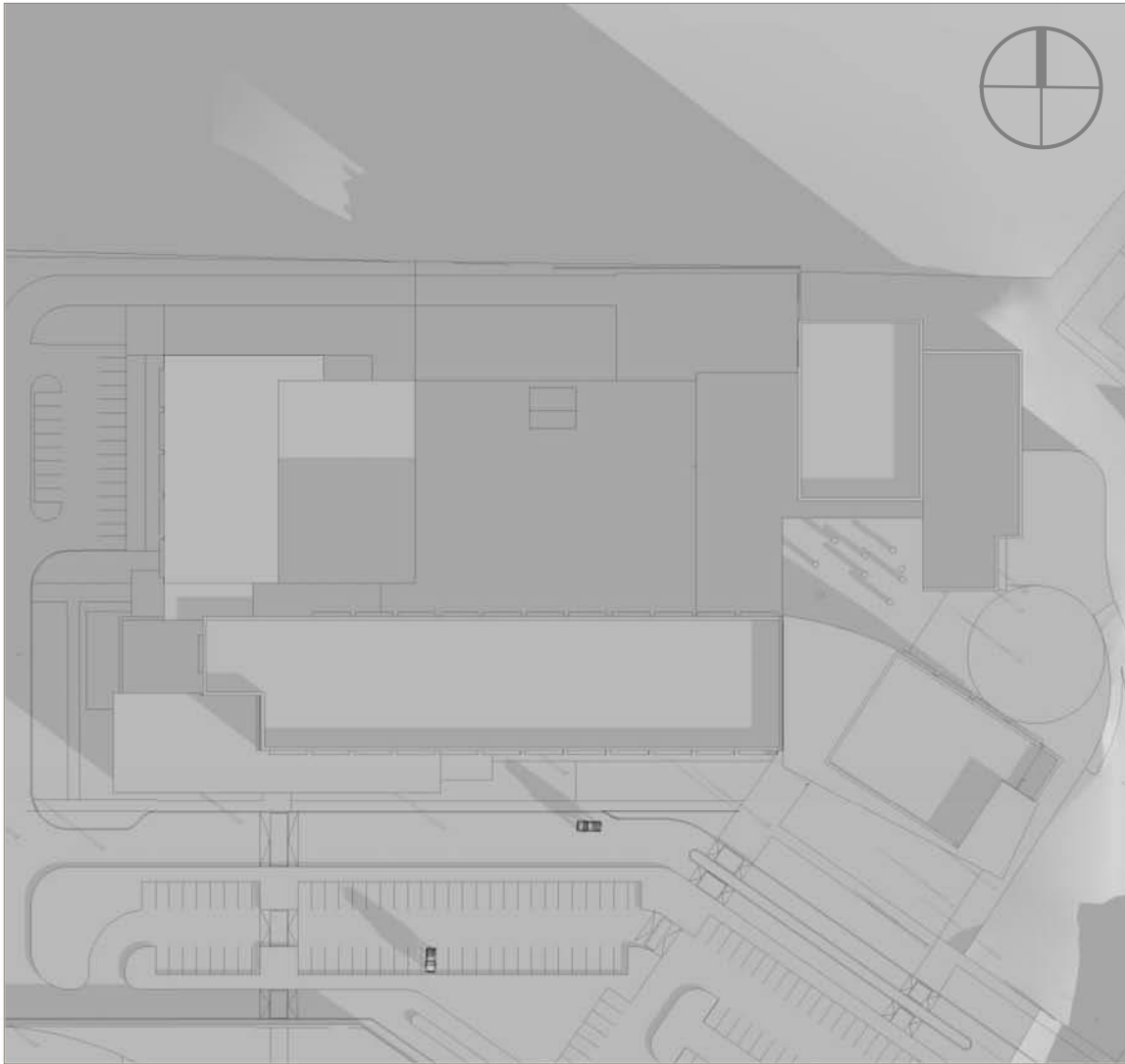
- School Buses
- Visitors & Staff Cars
- Service Vehicles
- MTA Buses
- 2-Way Traffic Termination





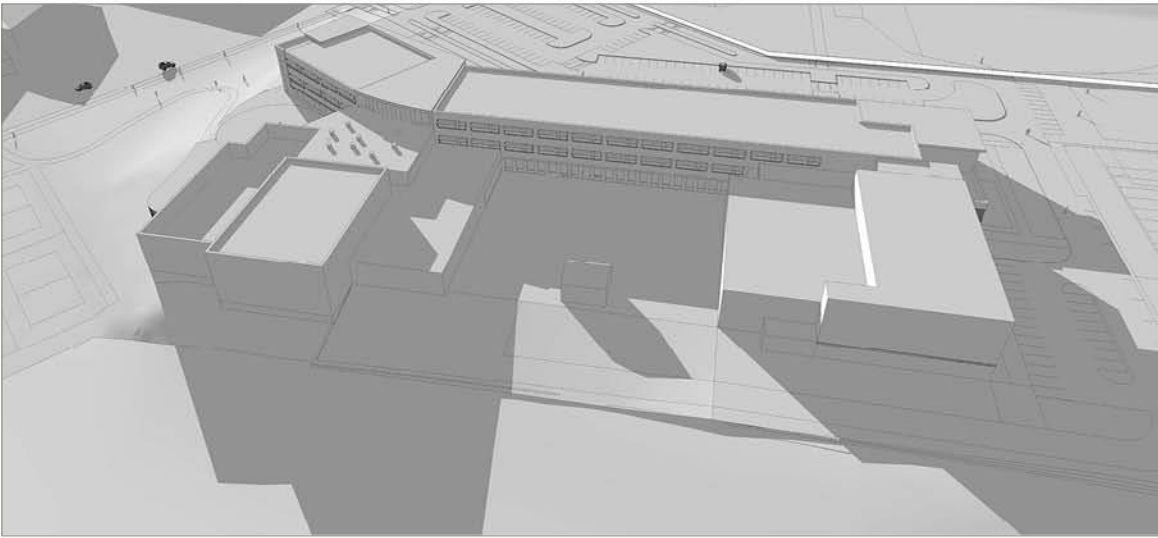
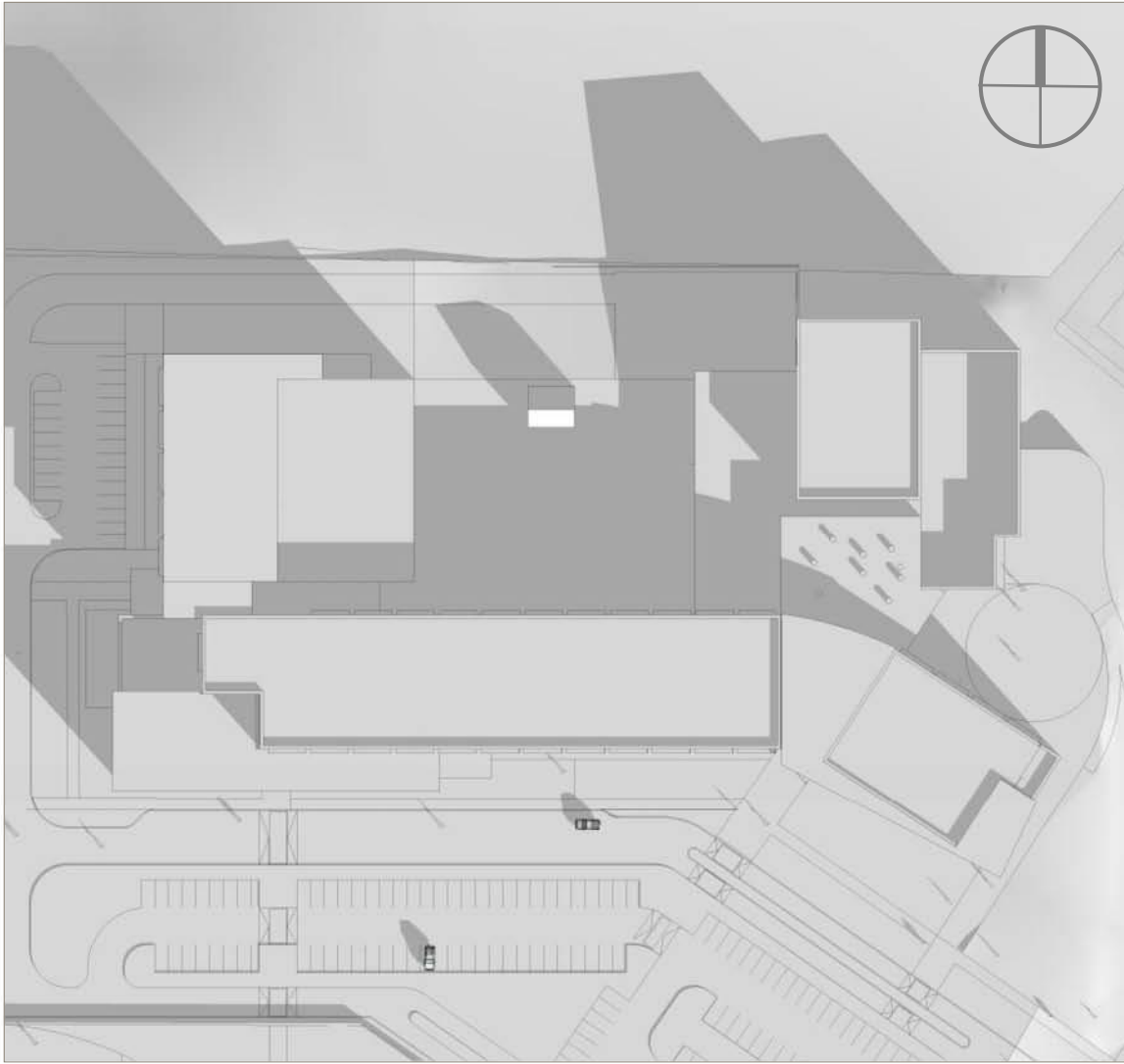
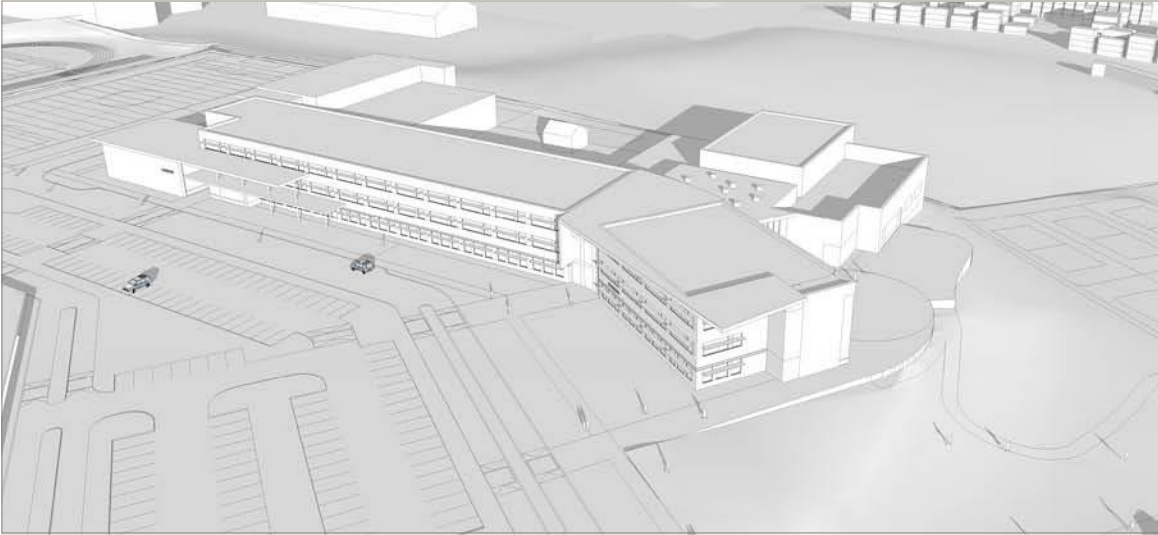
Sun Studies

(Winter Solstice 8am)



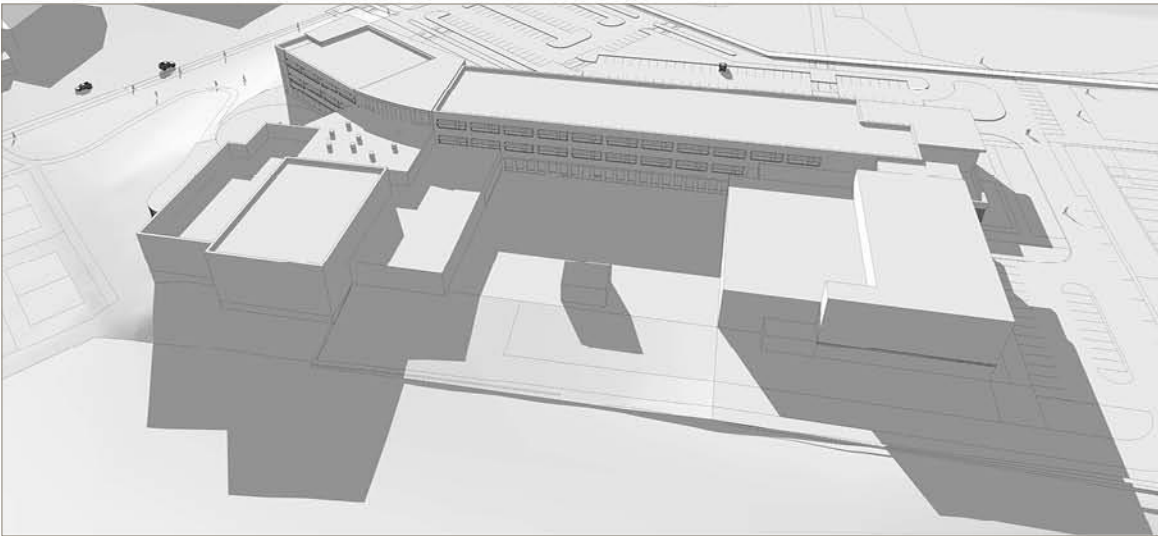
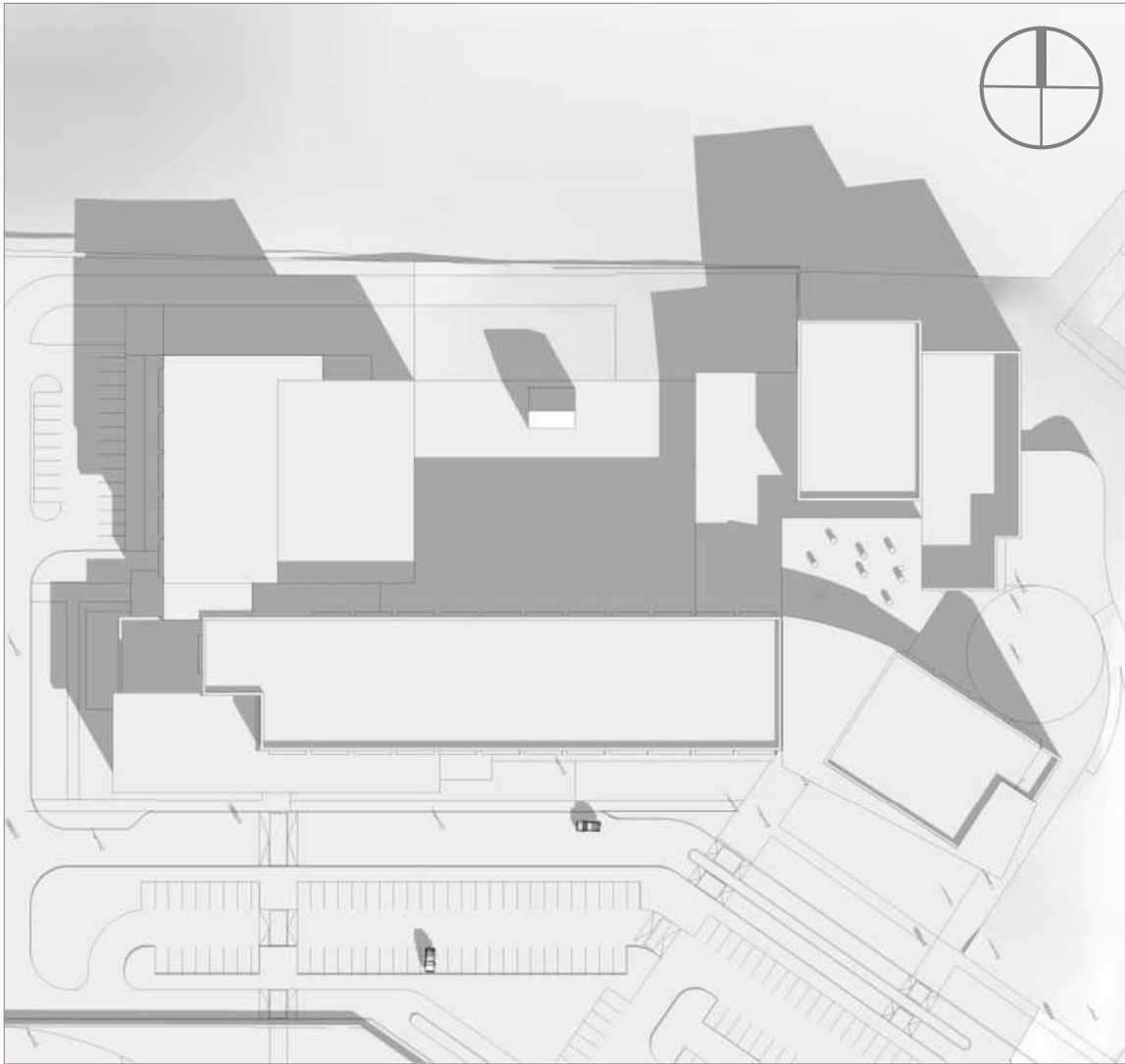
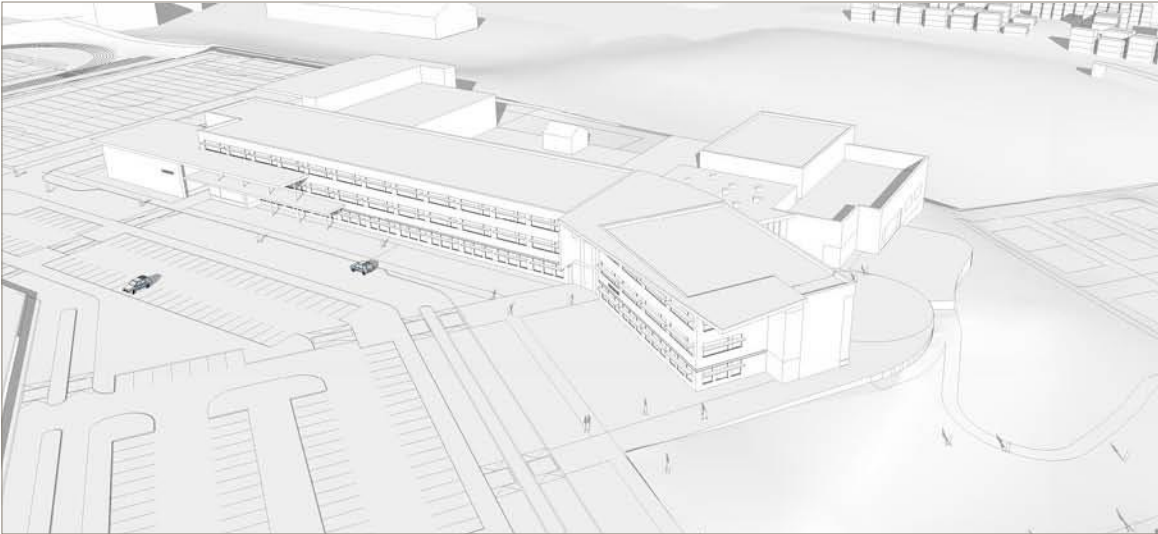
Sun Studies

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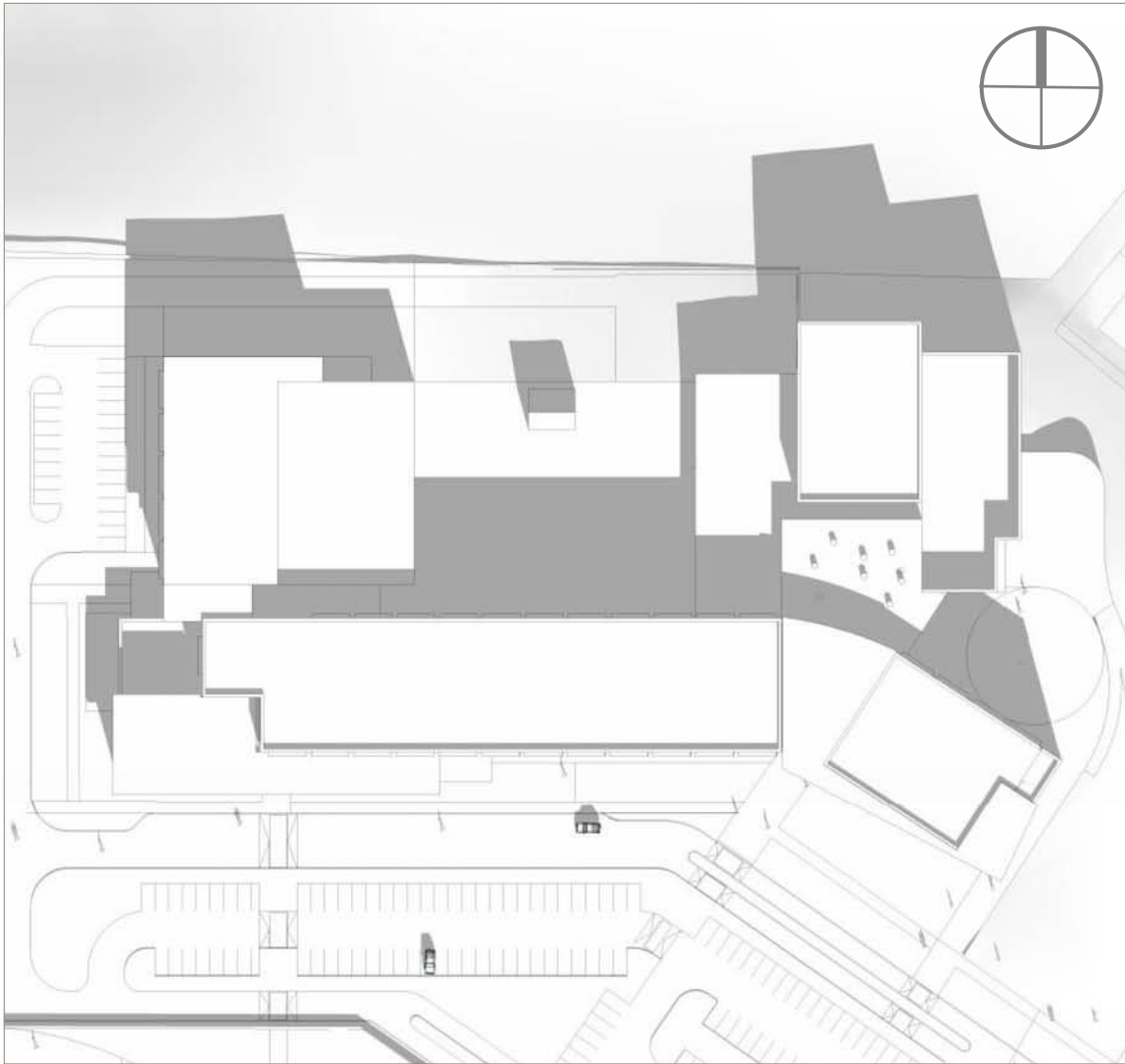
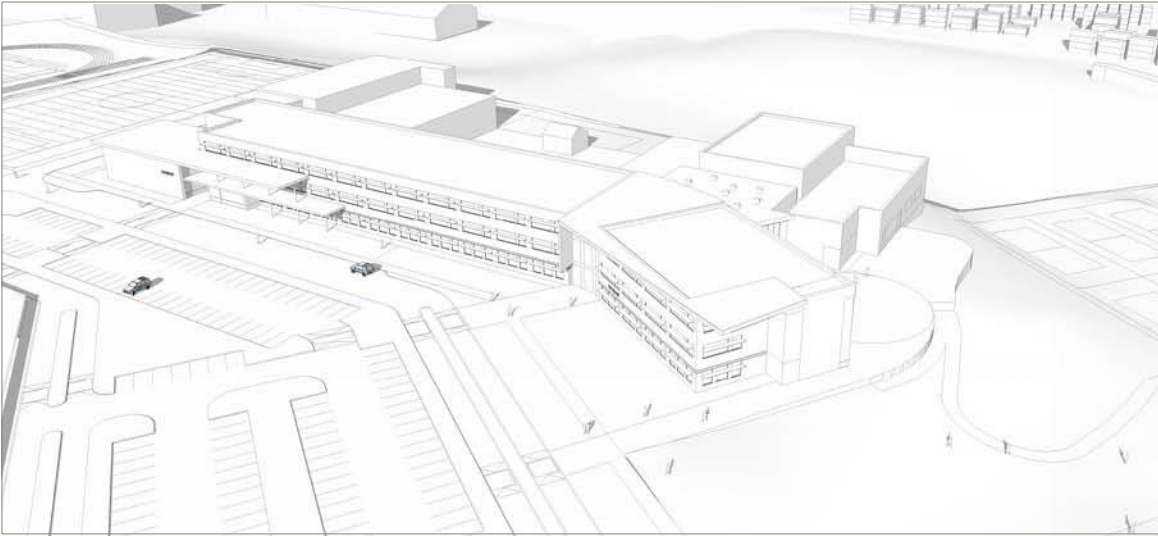
Sun Studies

(Winter Solstice 10am)



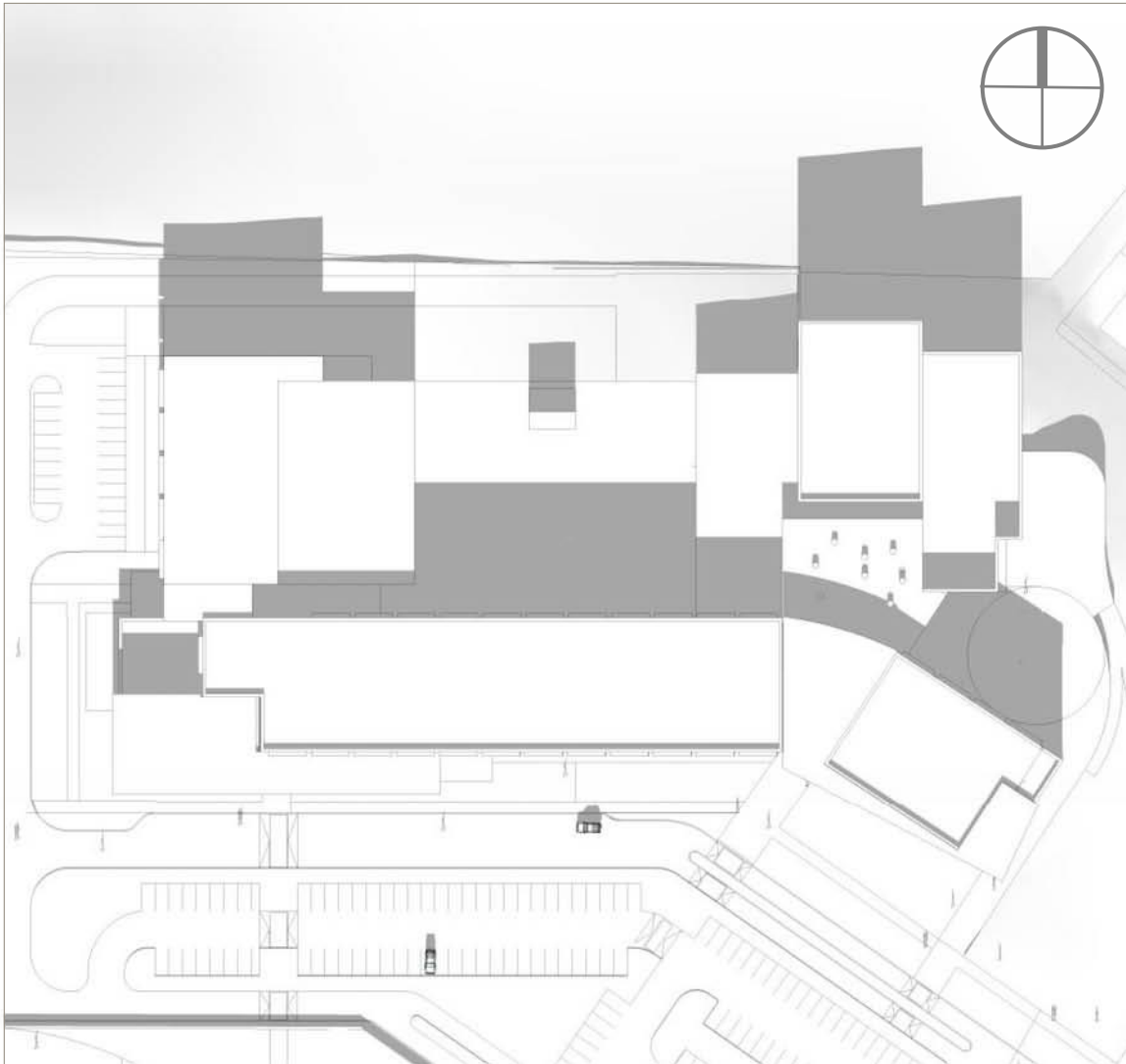
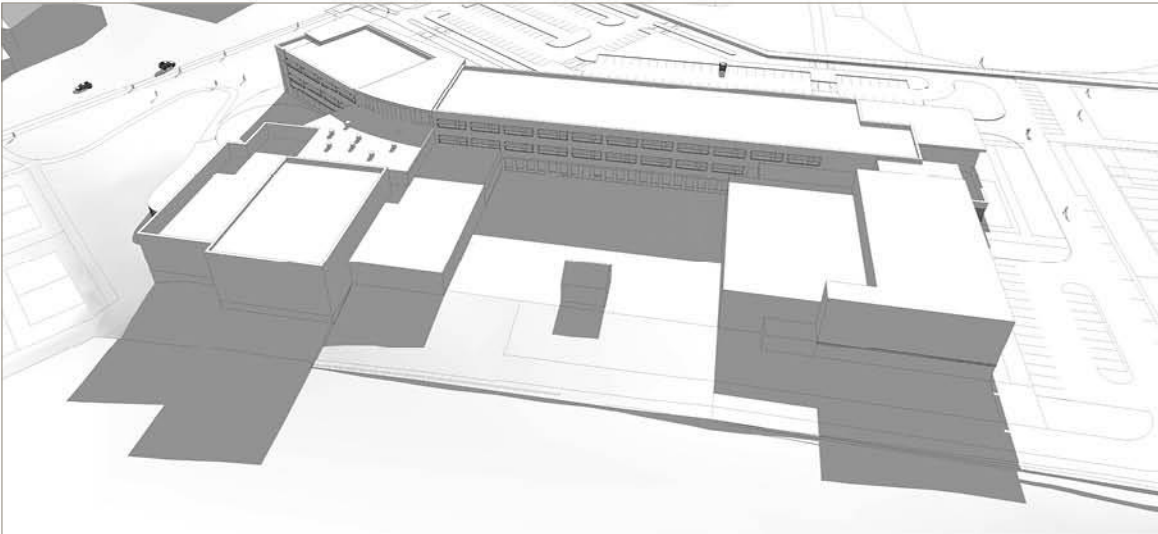
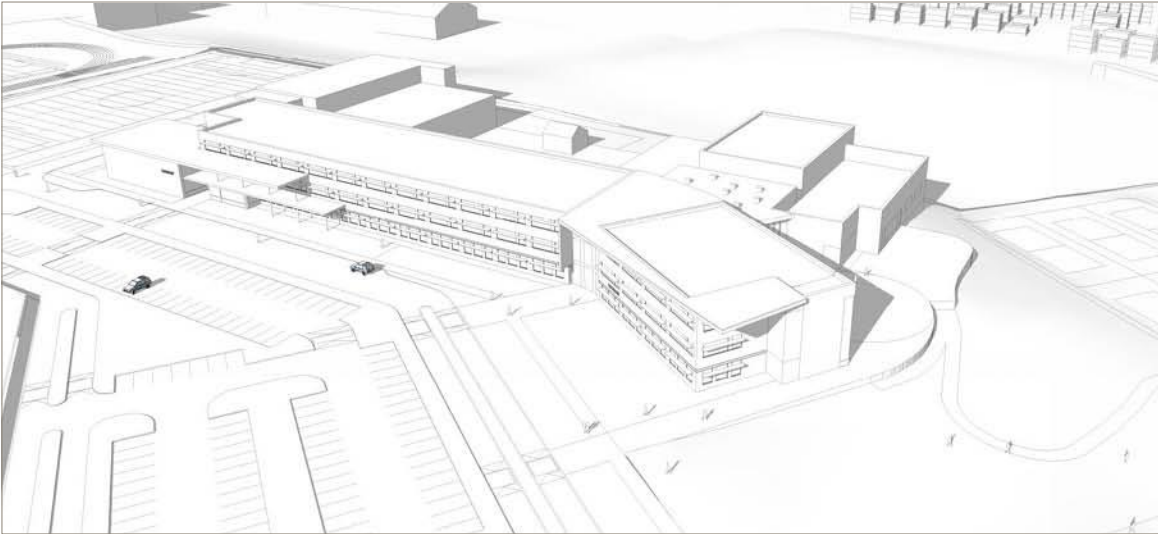
Sun Studies

(Winter Solstice 11 am)



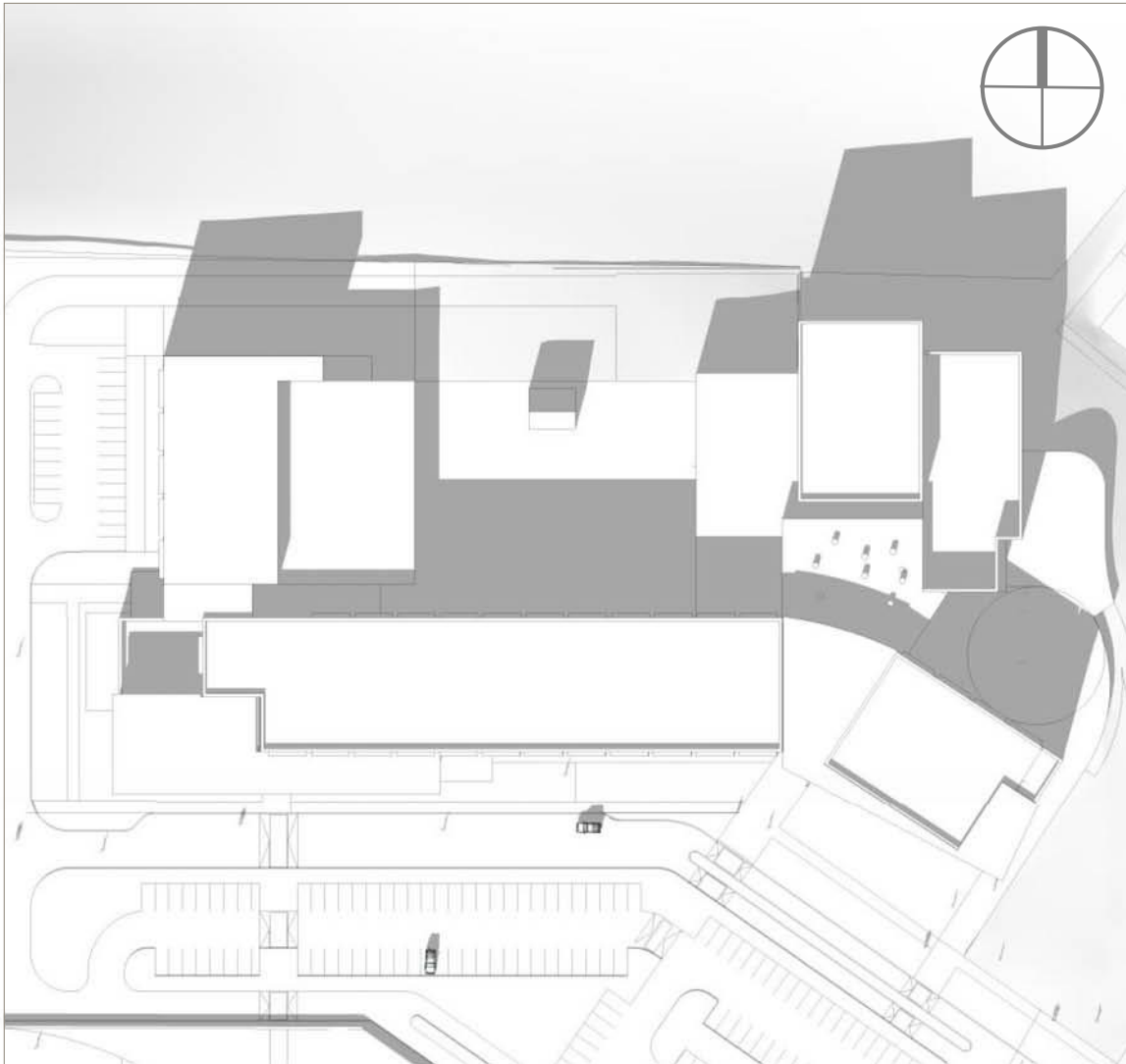
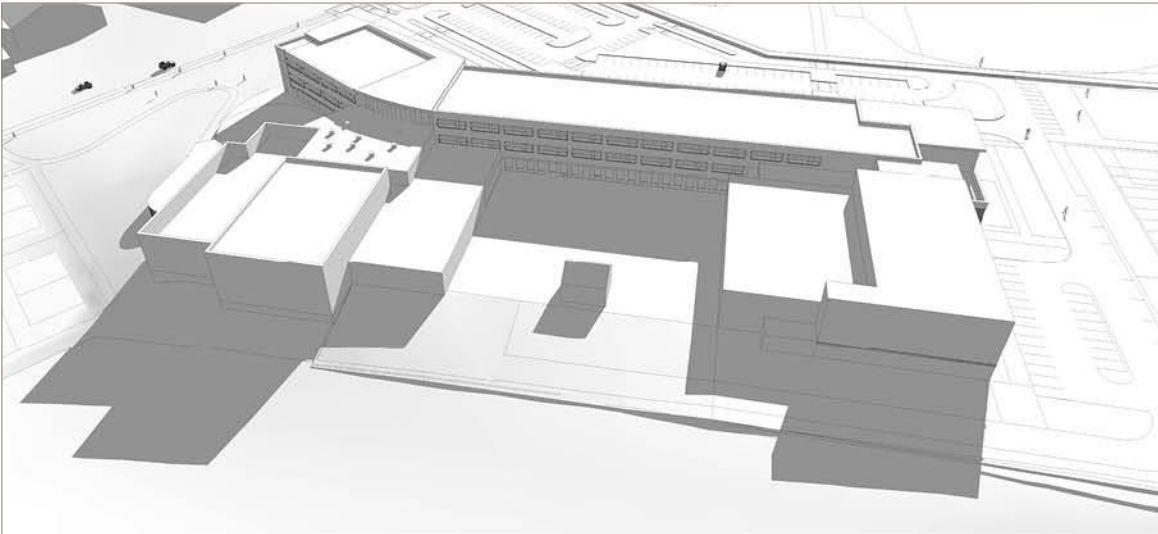
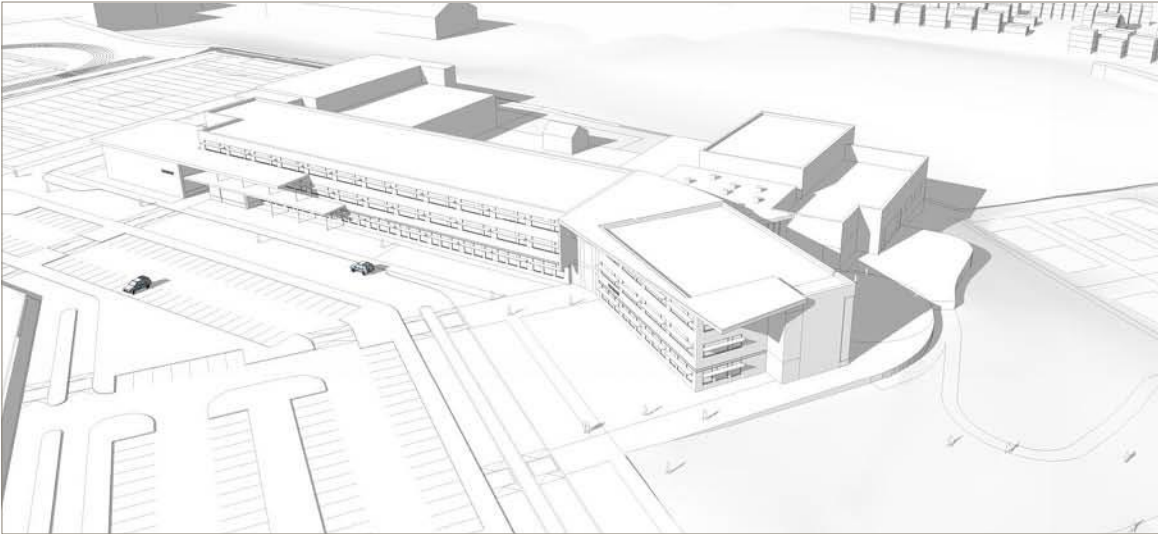
Sun Studies

(Winter Solstice 12pm)



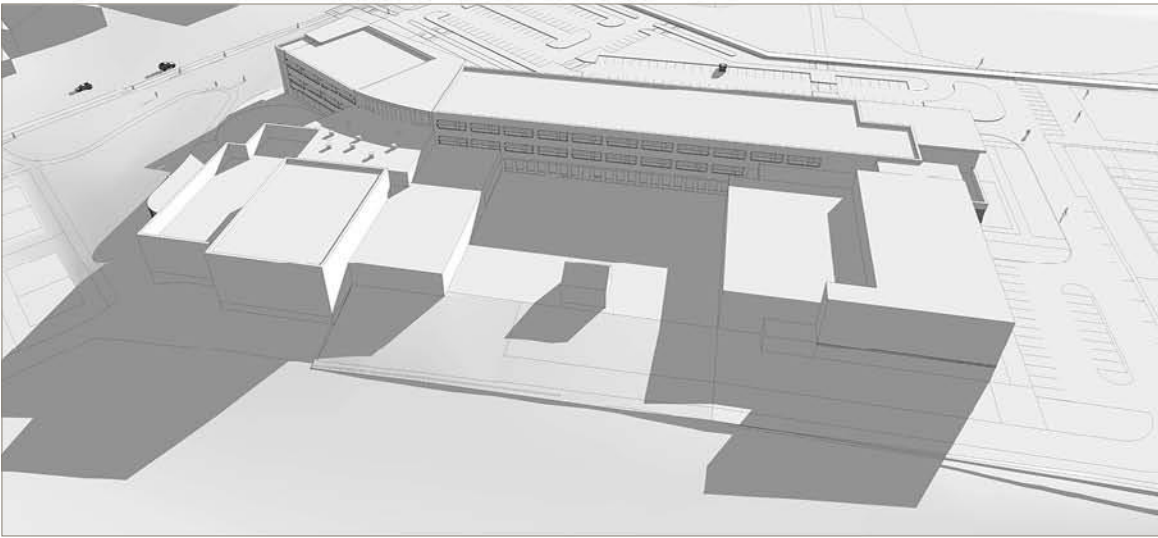
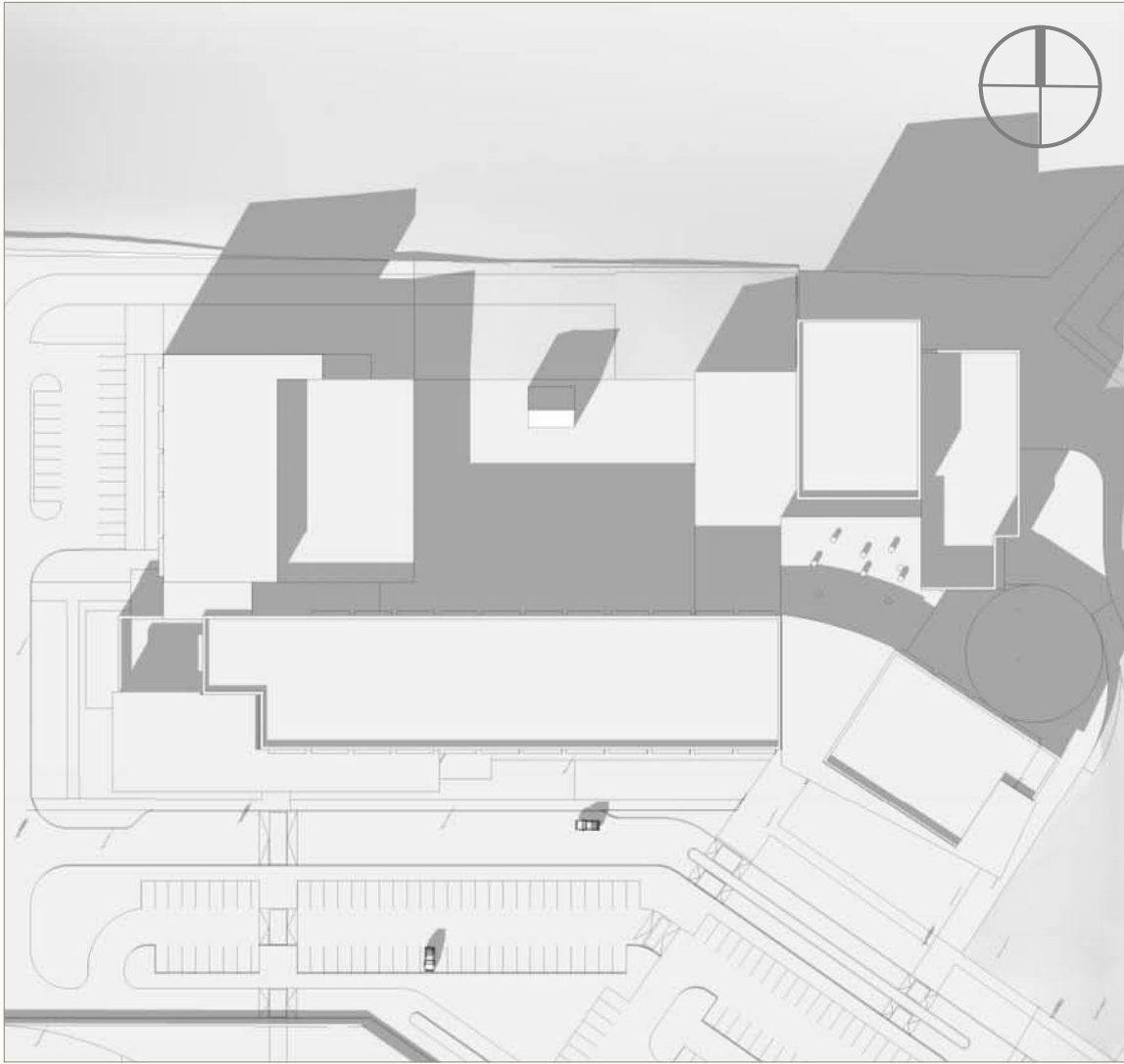
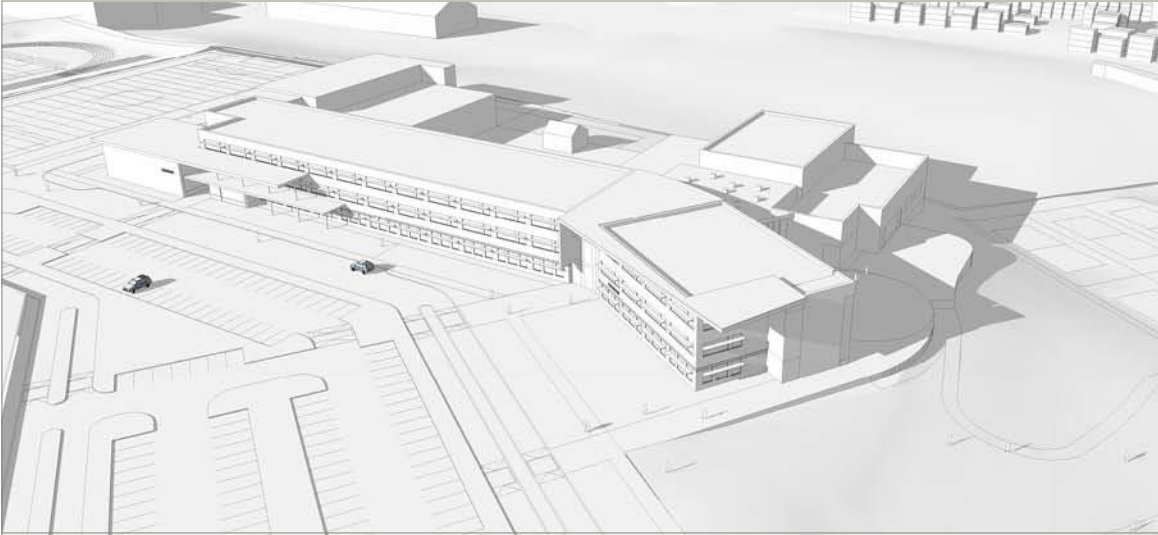
Sun Studies

(Winter Solstice 1pm)



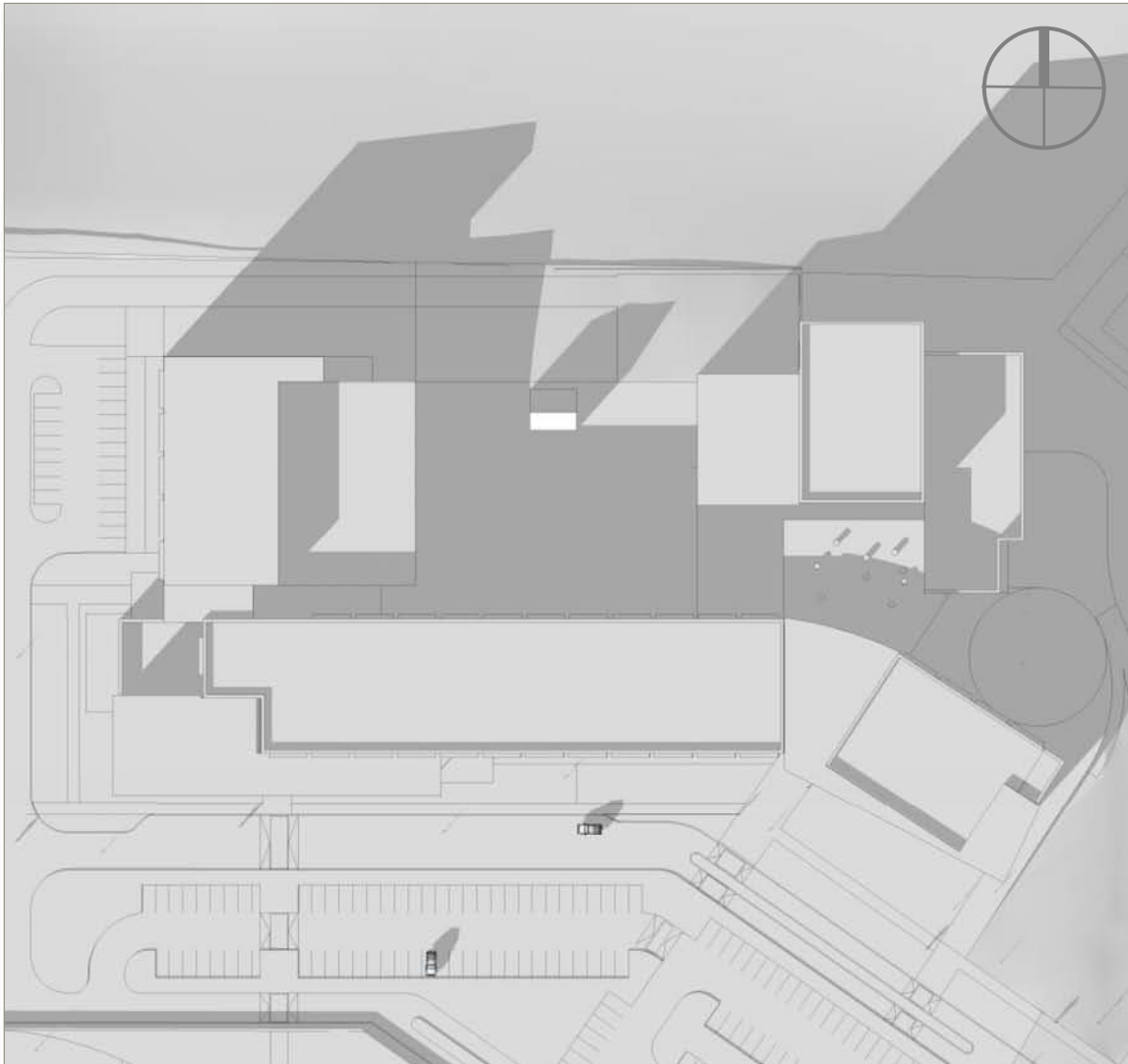
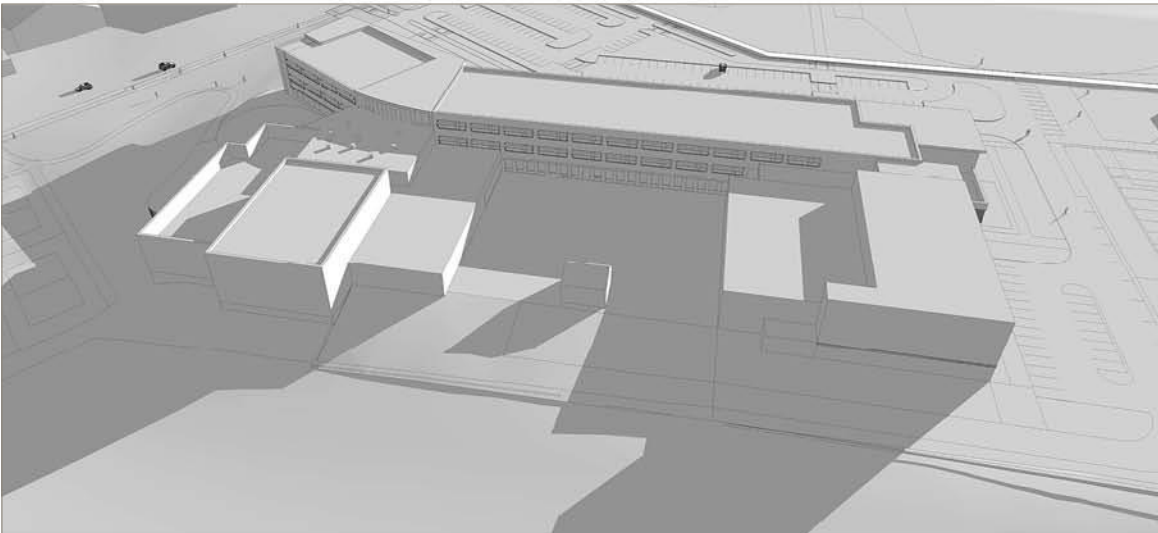
Sun Studies

(Winter Solstice 2pm)



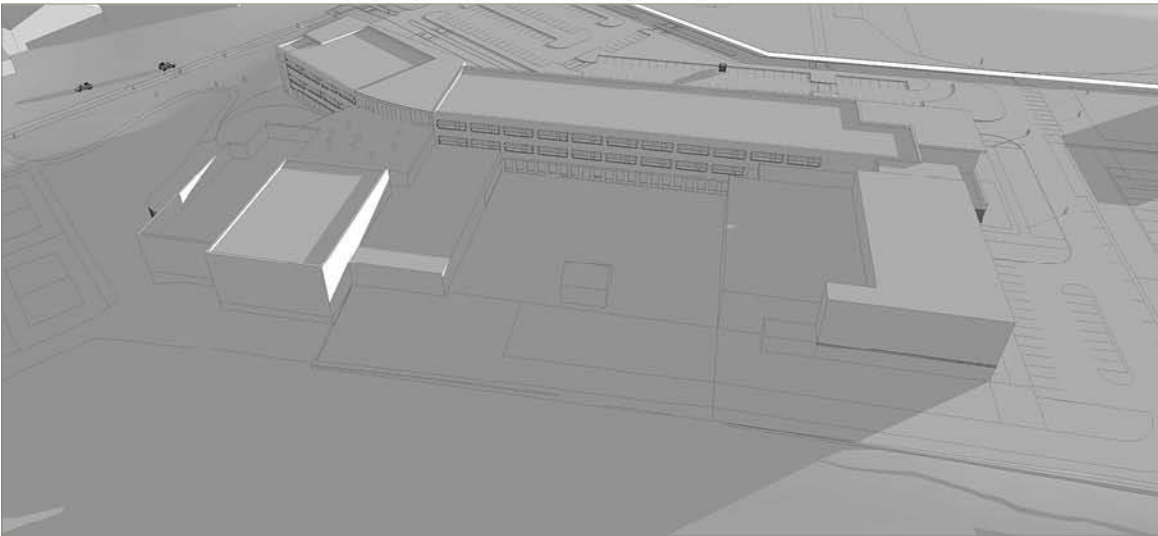
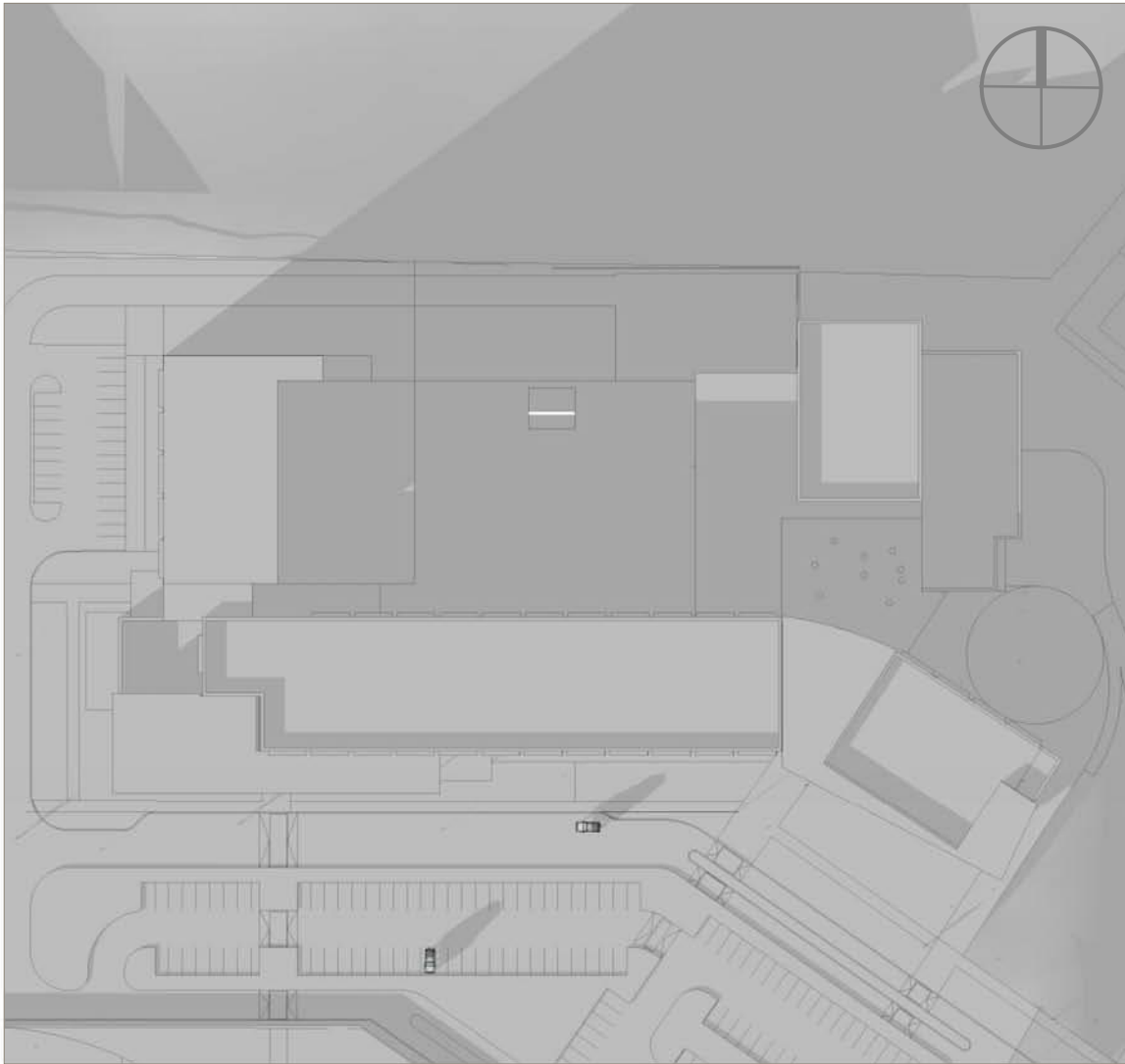
Sun Studies

(Winter Solstice 3pm)



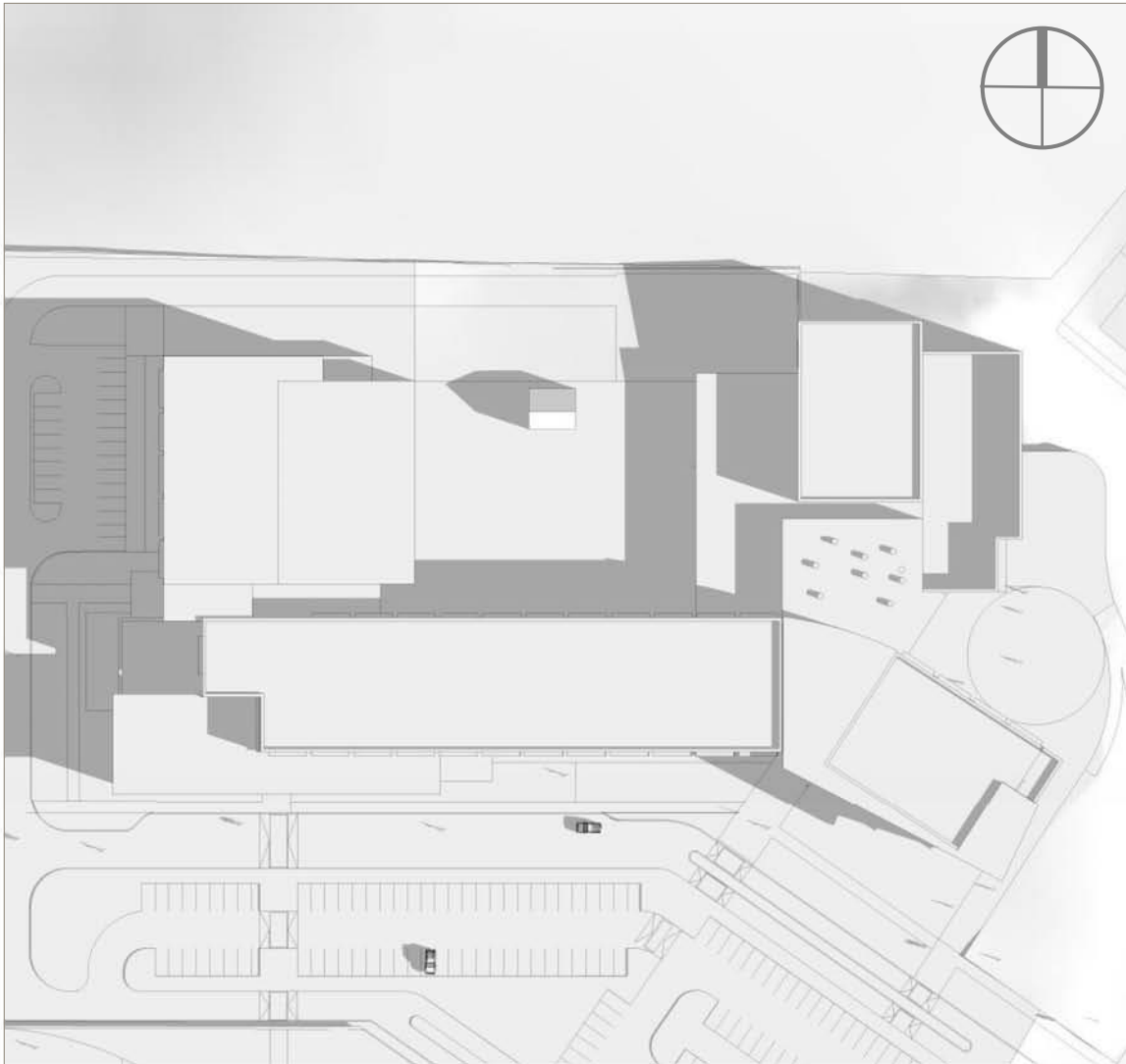
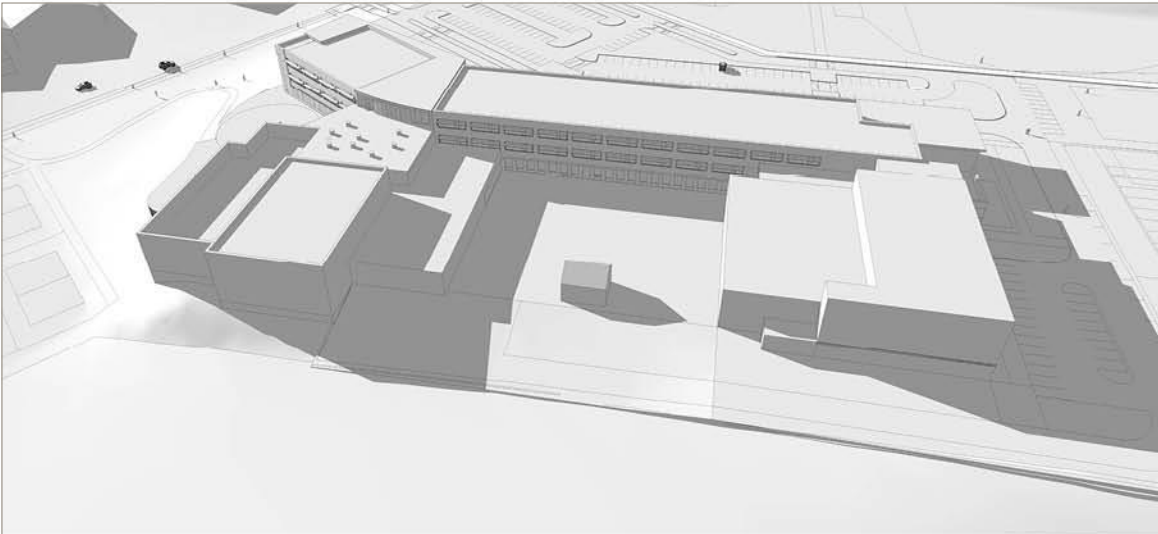
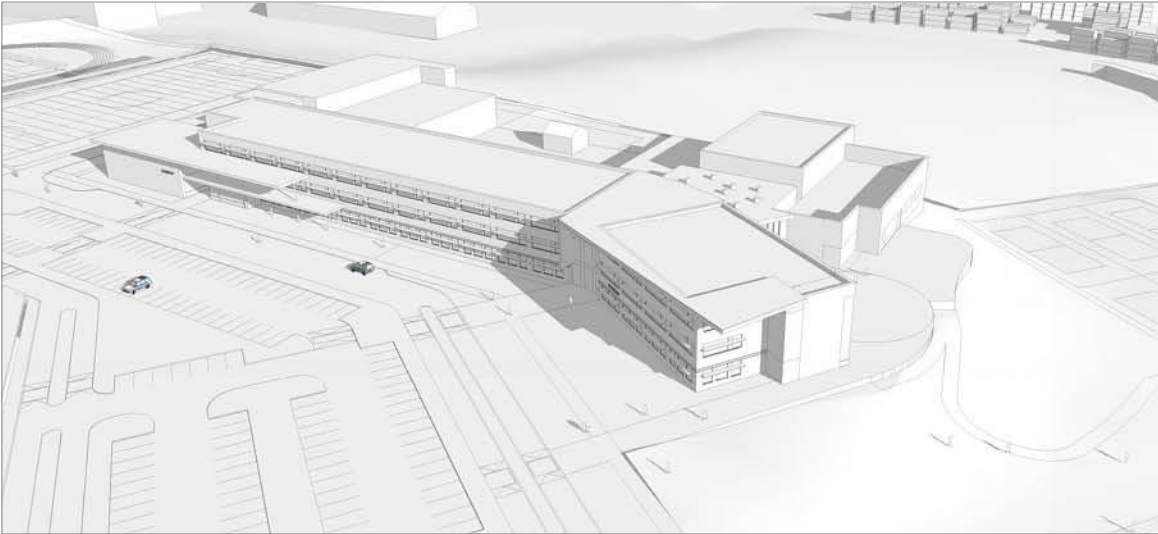
Sun Studies

(Winter Solstice 4pm)



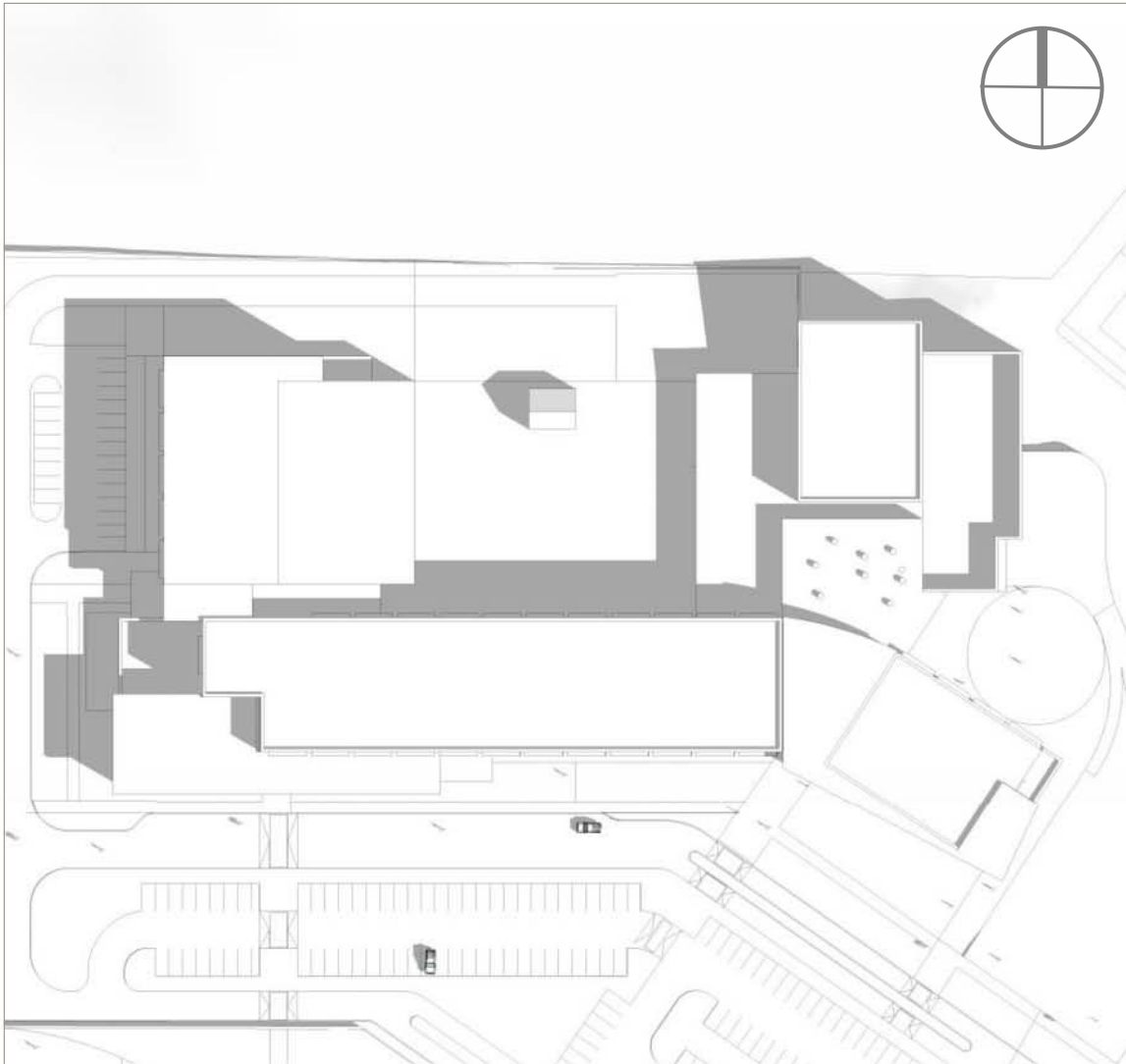
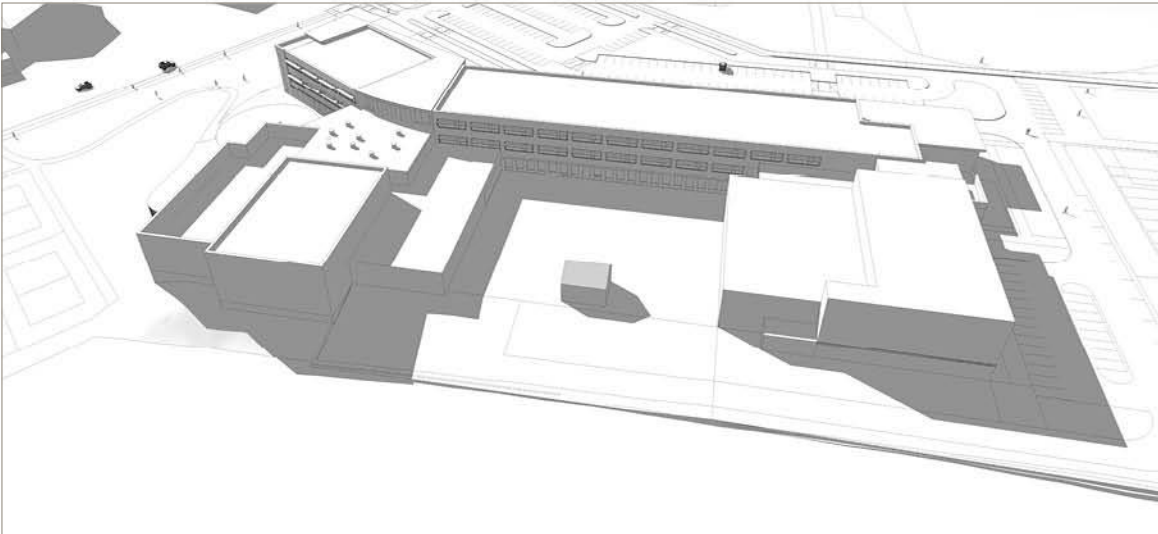
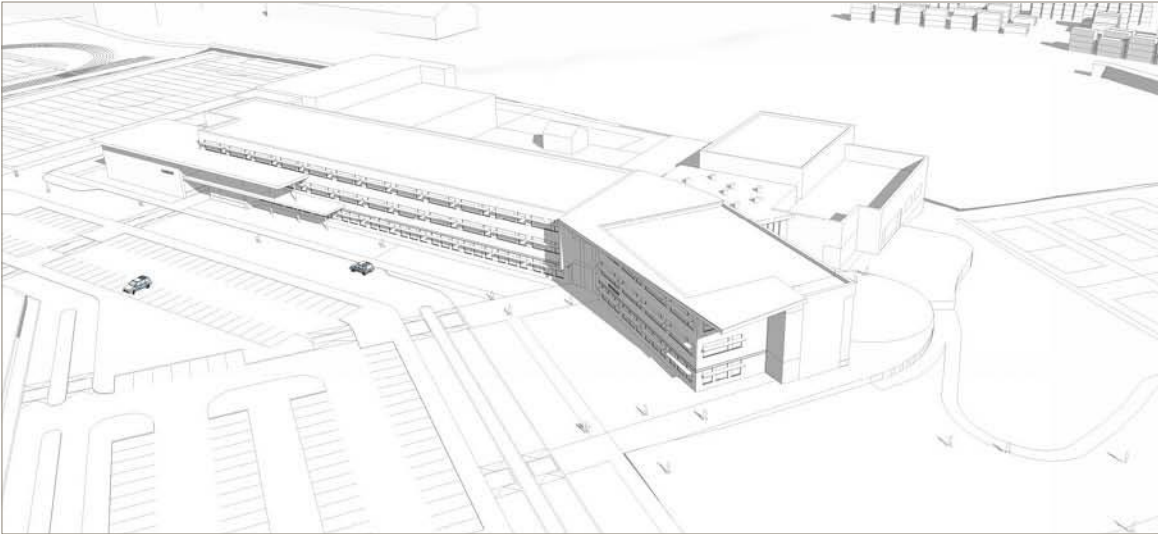
Sun Studies

(Vernal/Autumnal Equinox 8am)



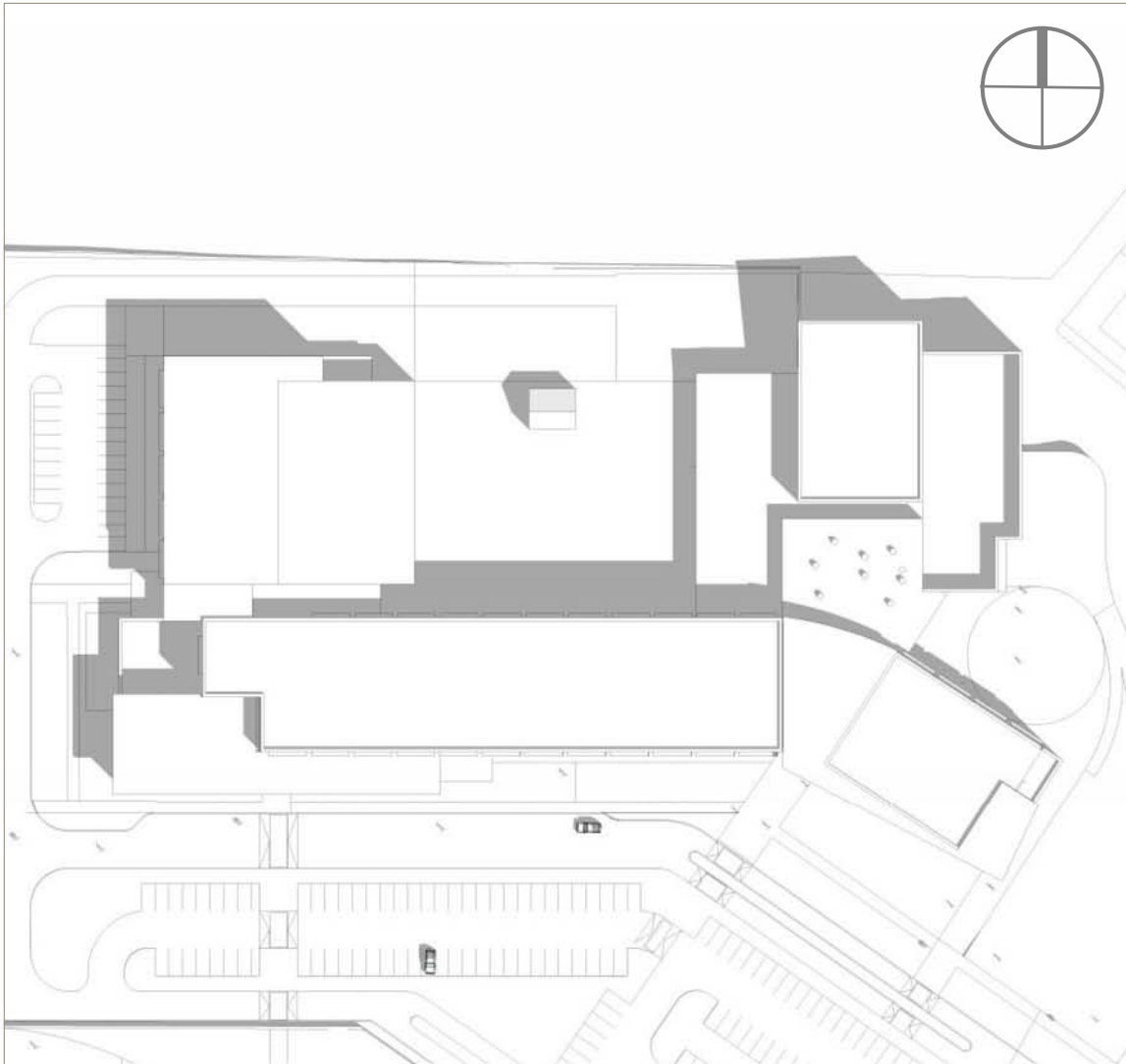
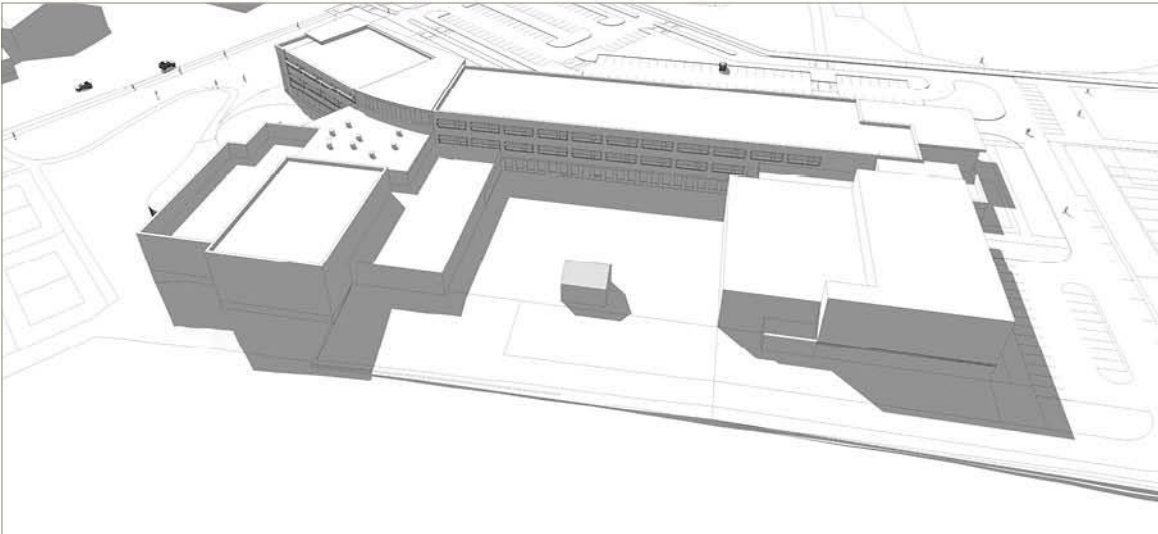
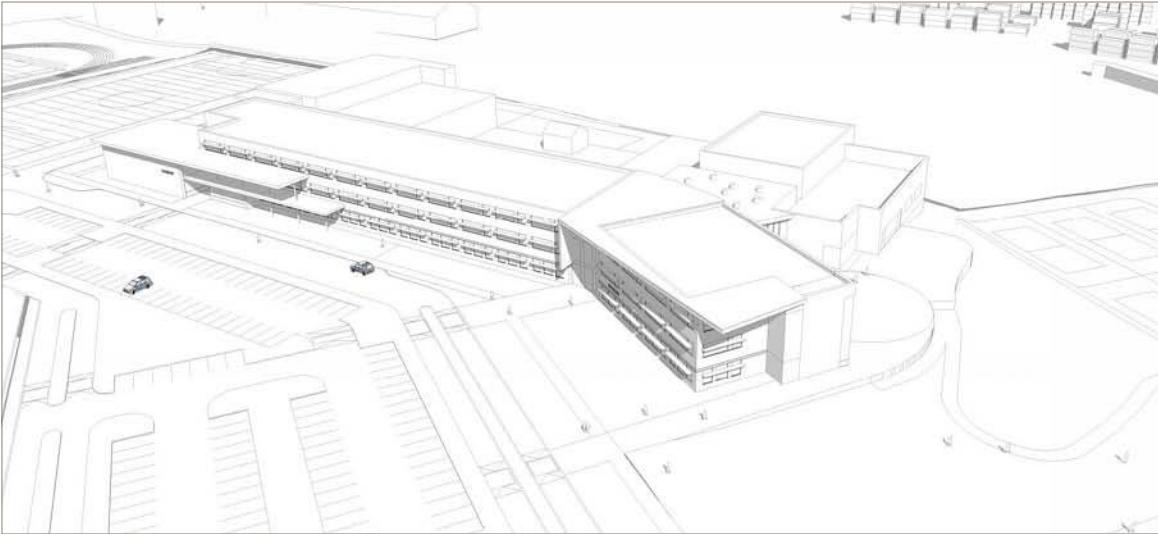
Sun Studies

(Vernal/Autumnal Equinox 9am)



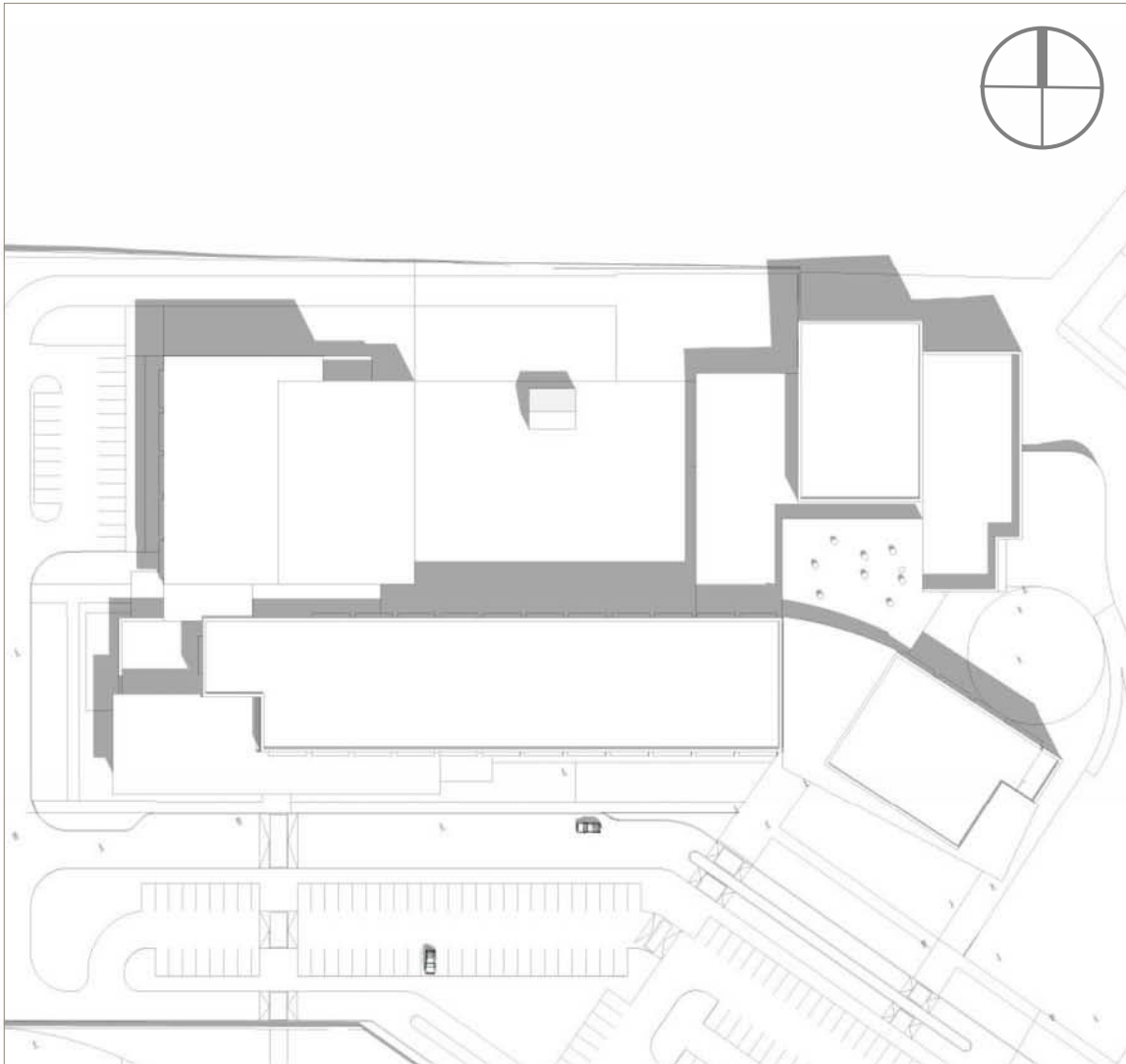
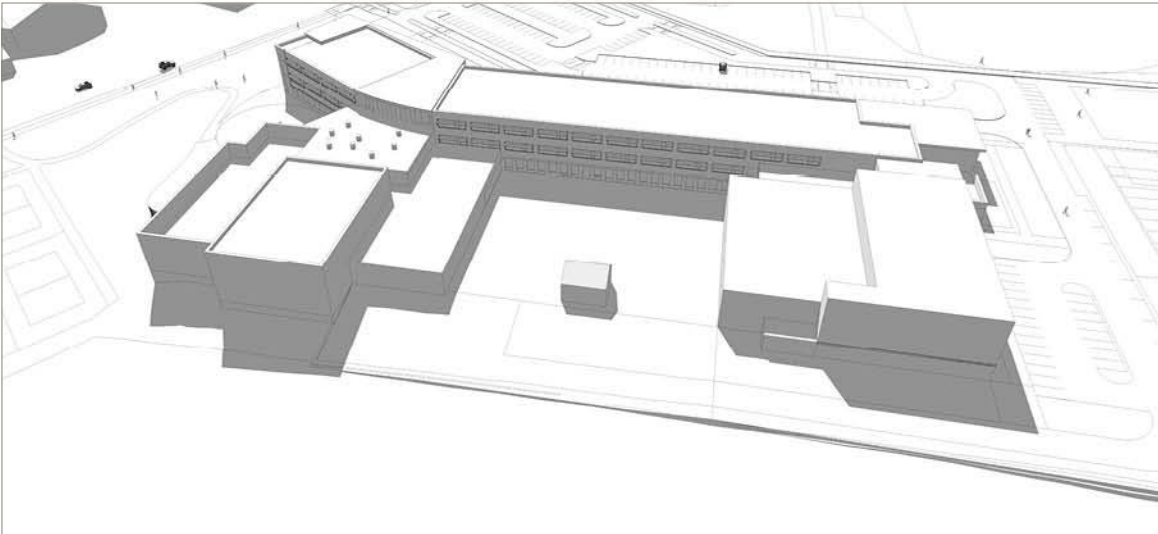
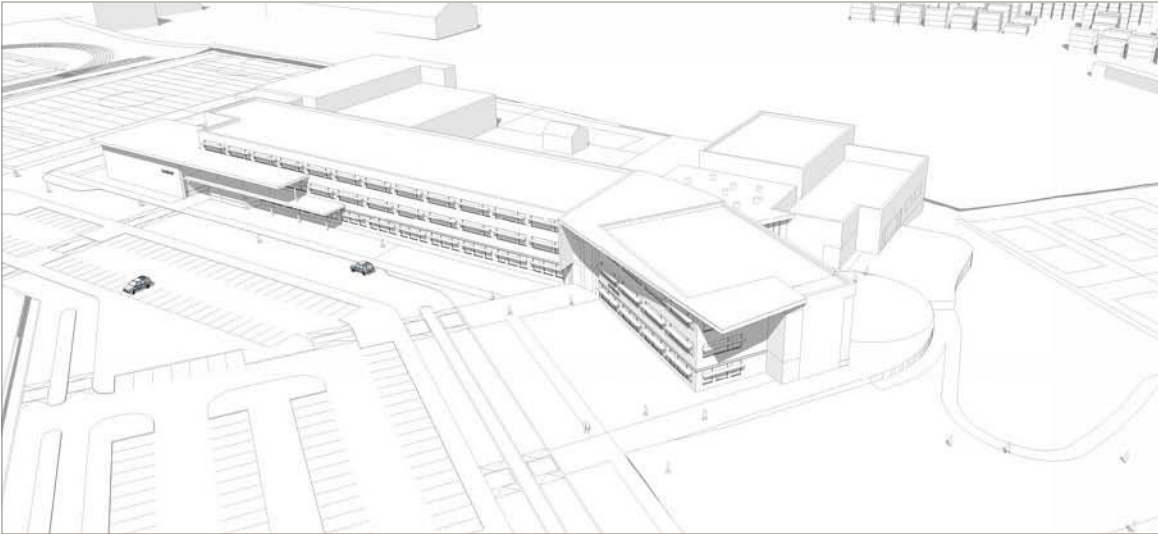
Sun Studies

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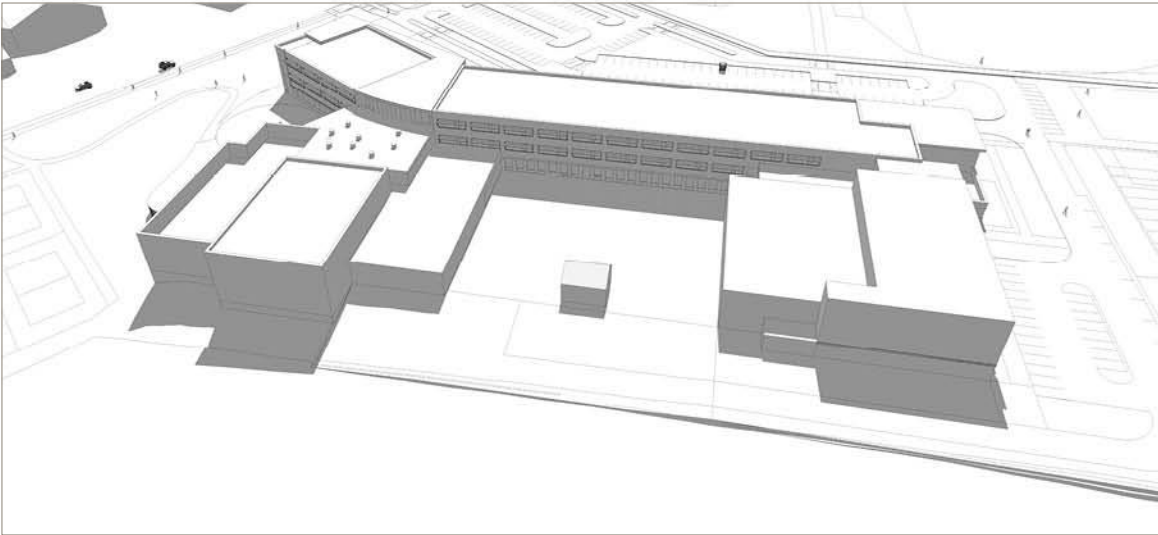
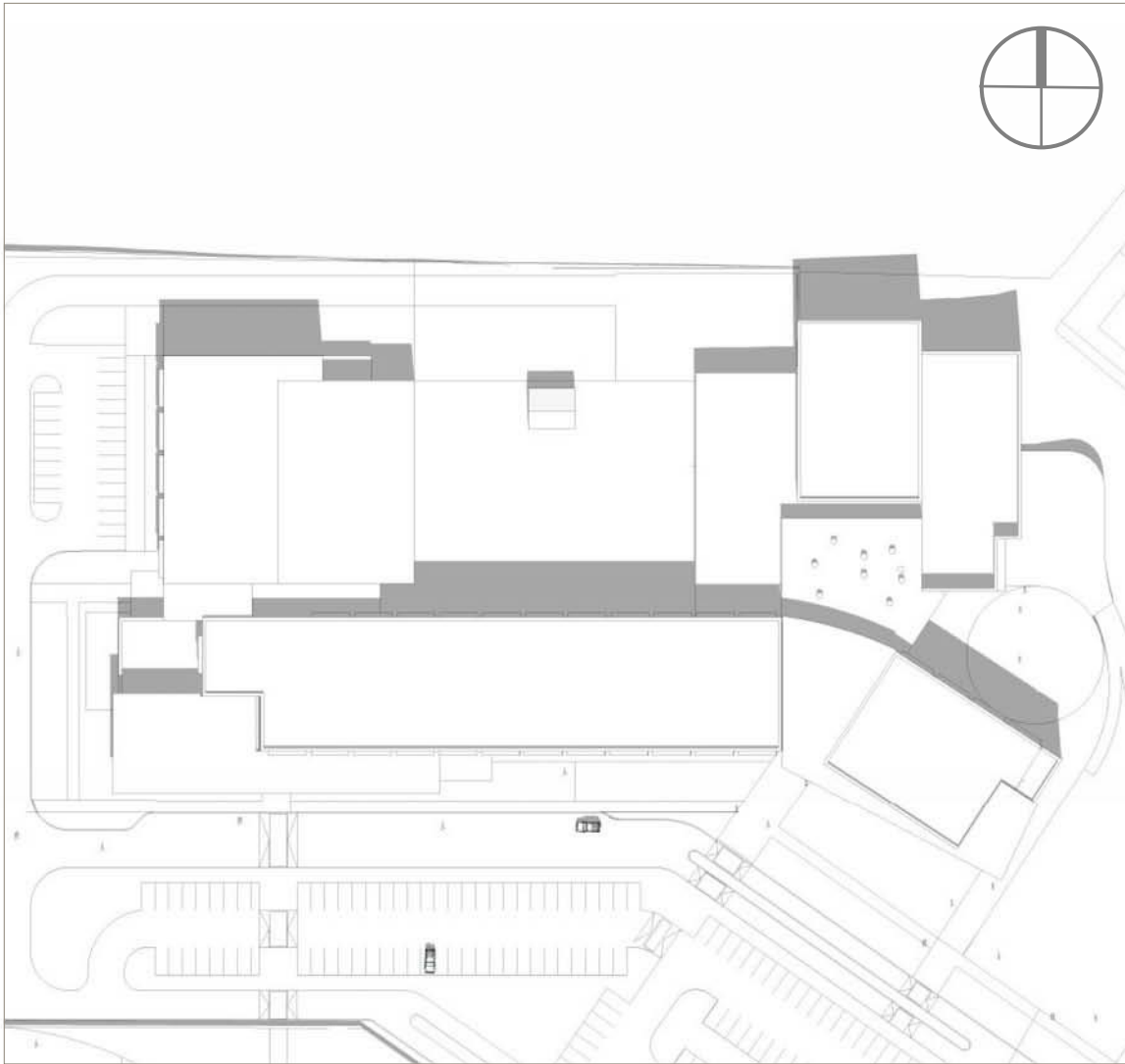
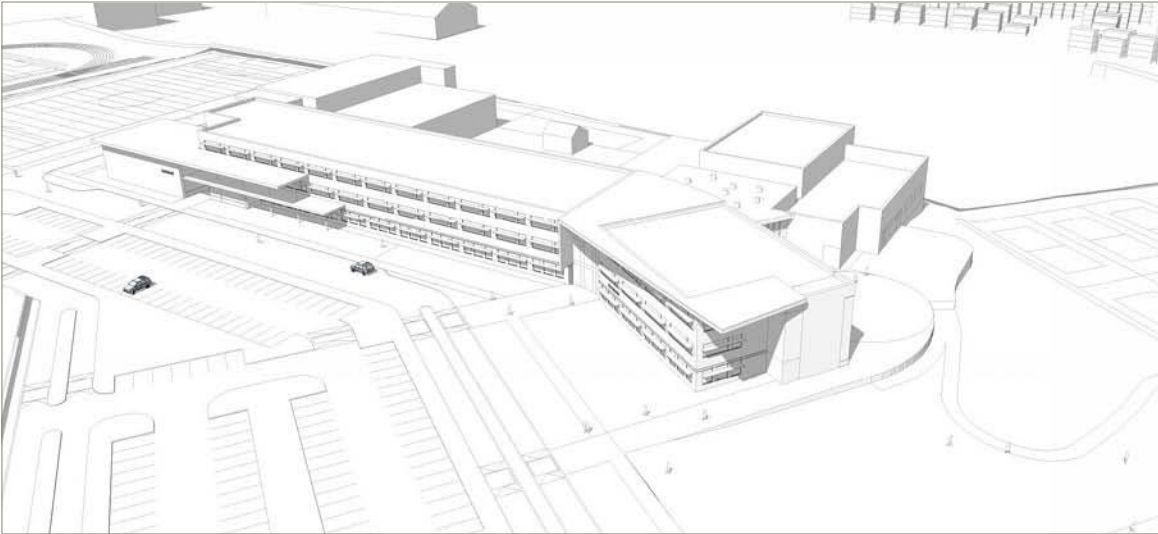
Sun Studies

(Vernal/Autumnal Equinox 11 am)



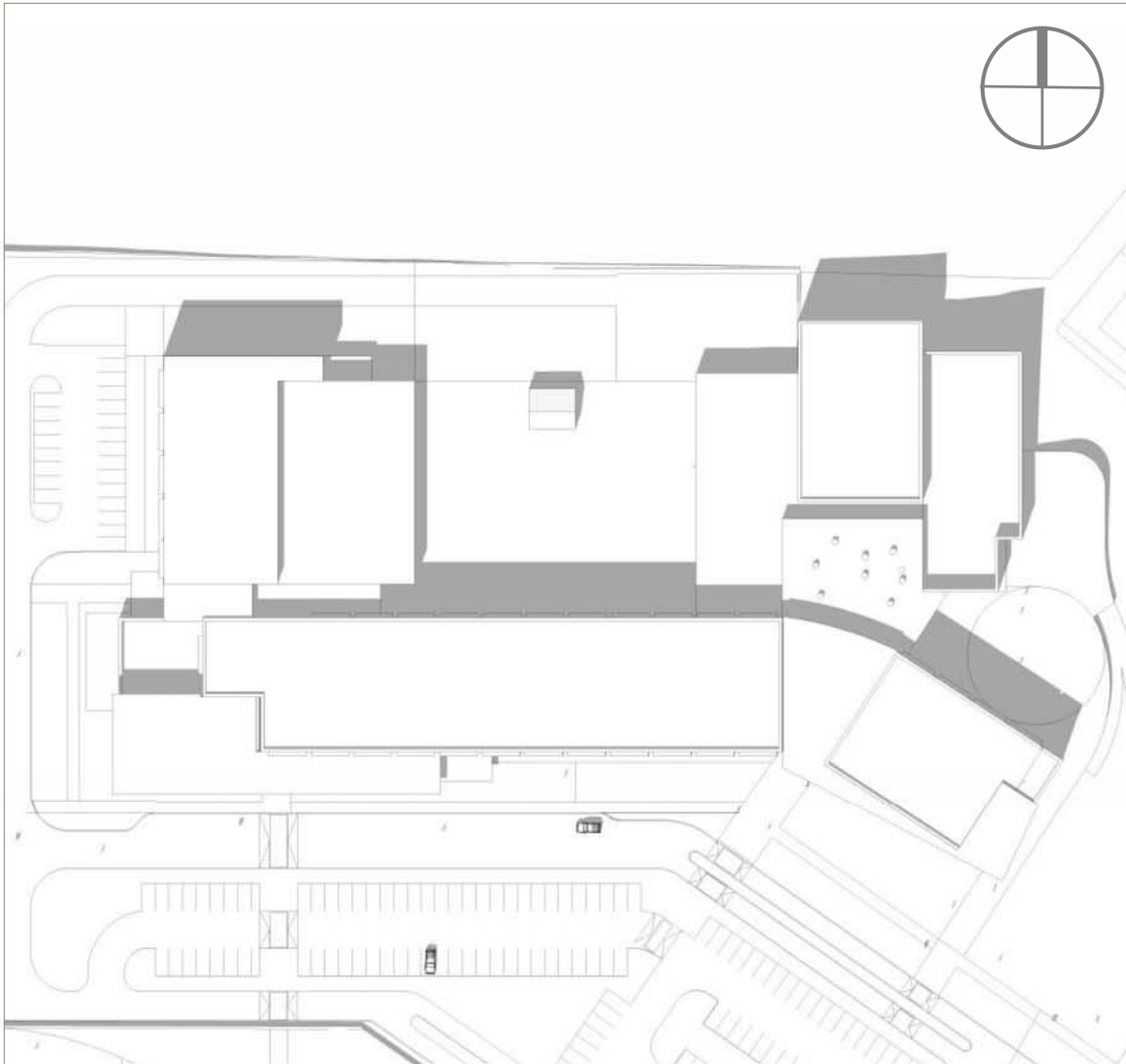
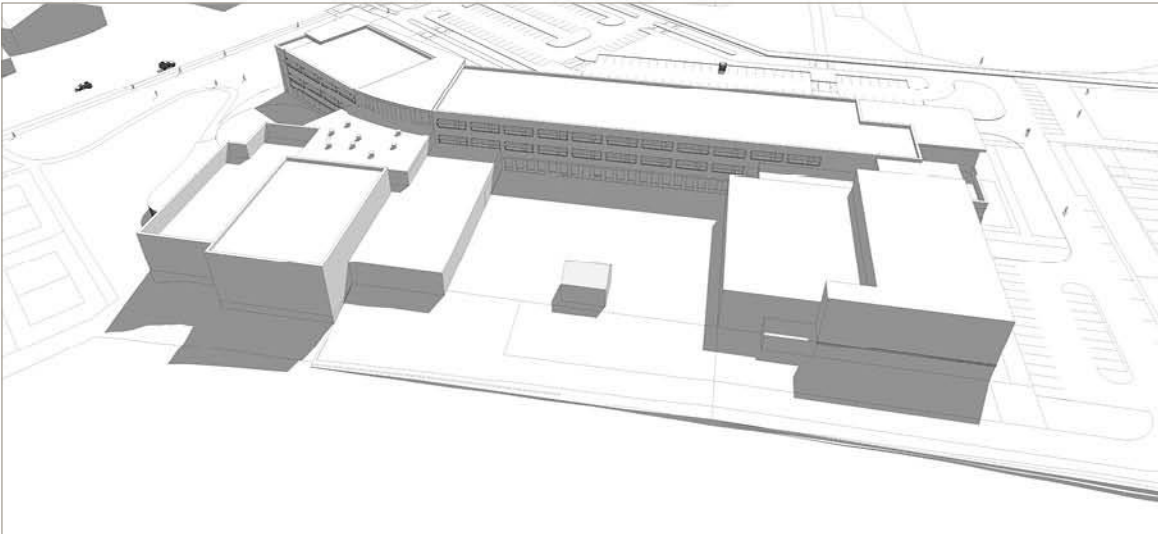
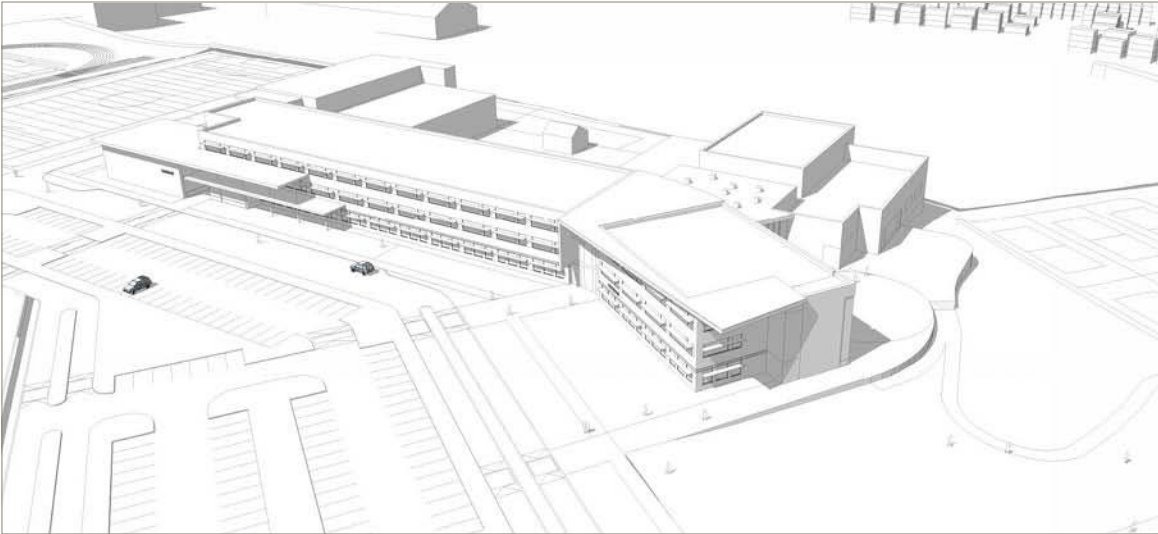
Sun Studies

(Vernal/Autumnal Equinox 12pm)



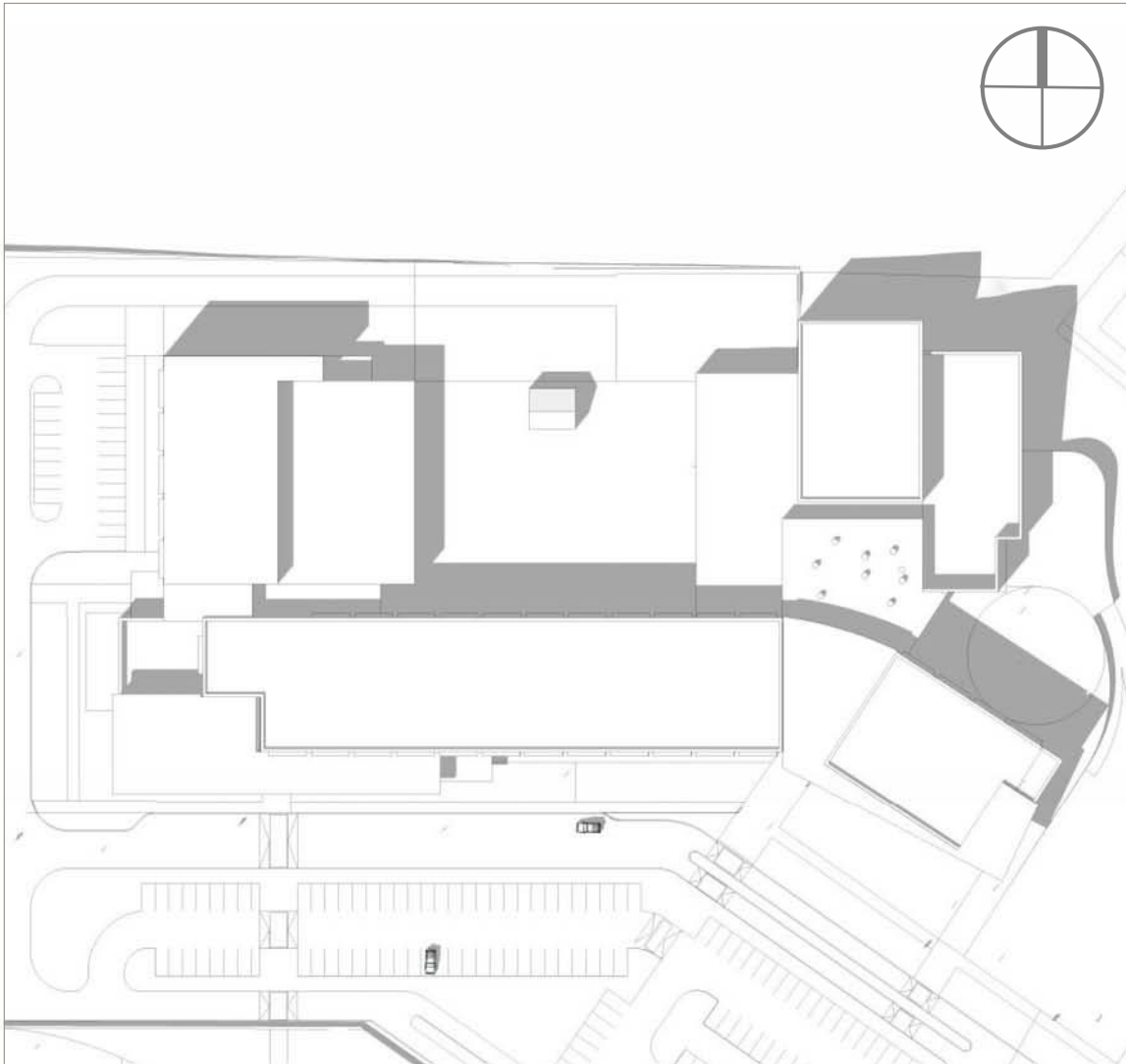
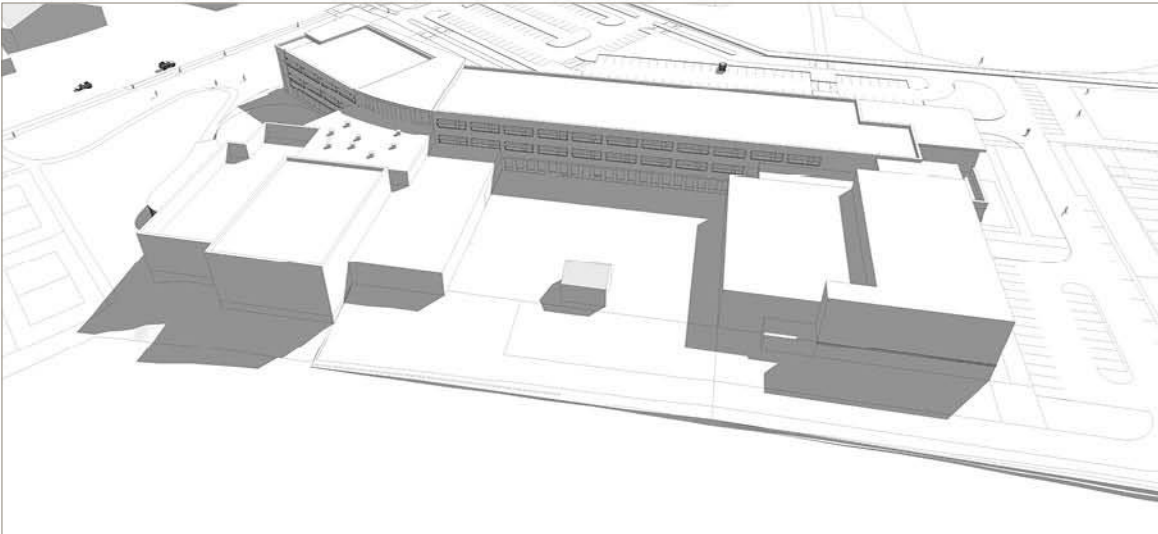
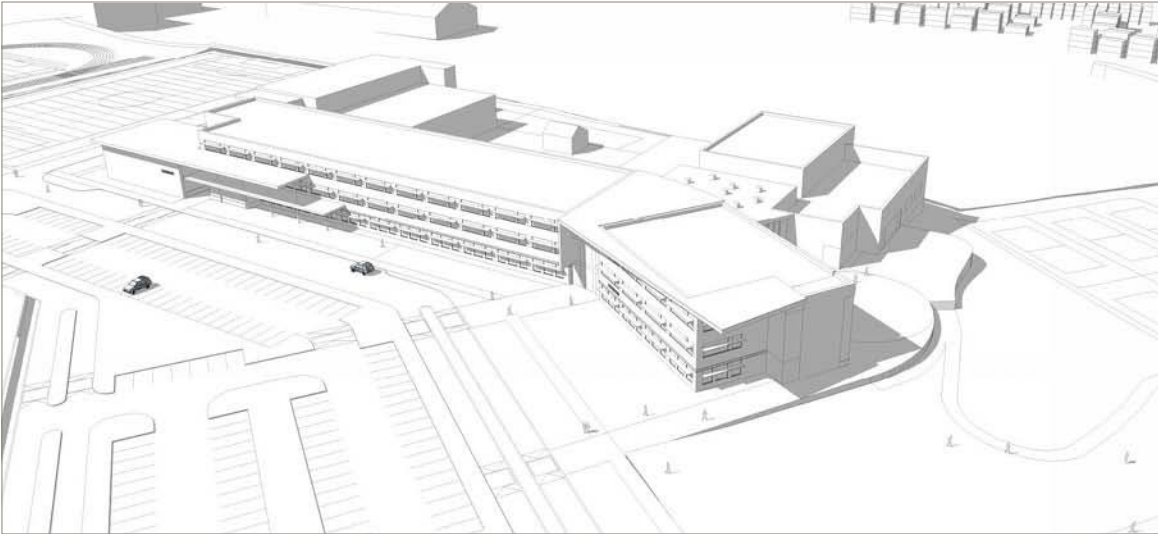
Sun Studies

(Vernal/Autumnal Equinox 1 pm)



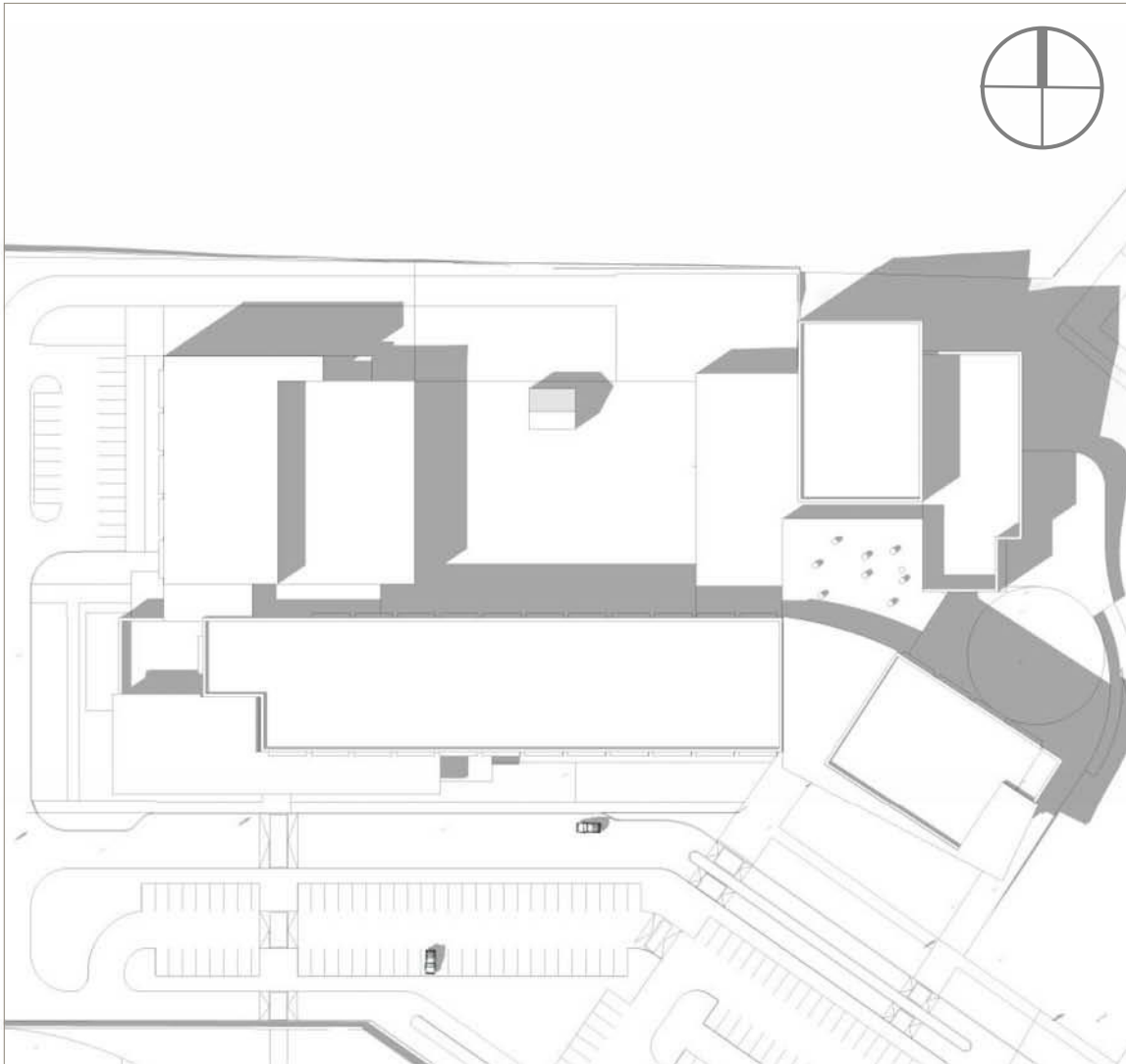
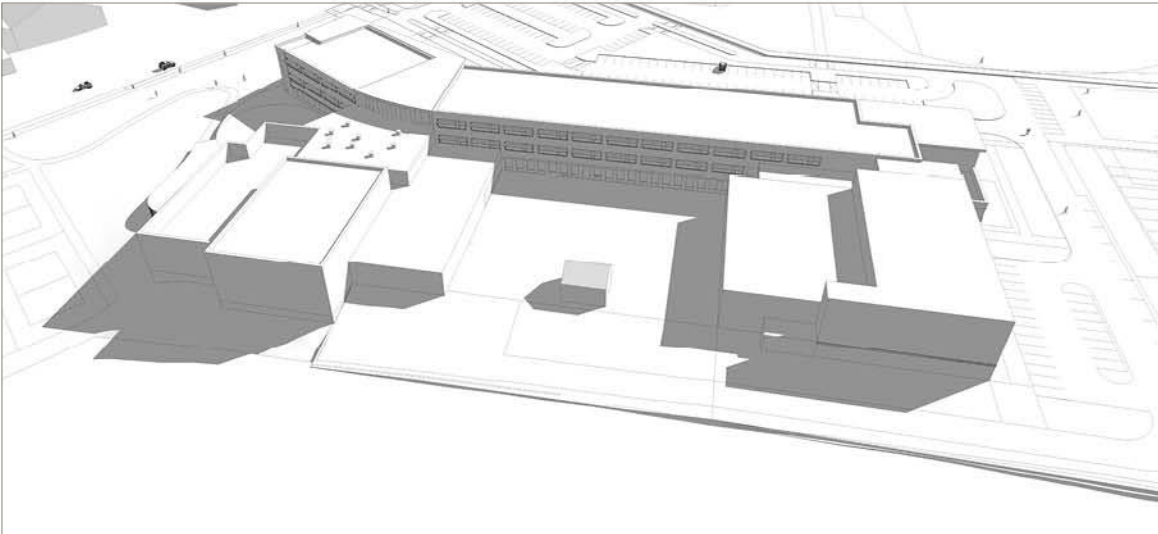
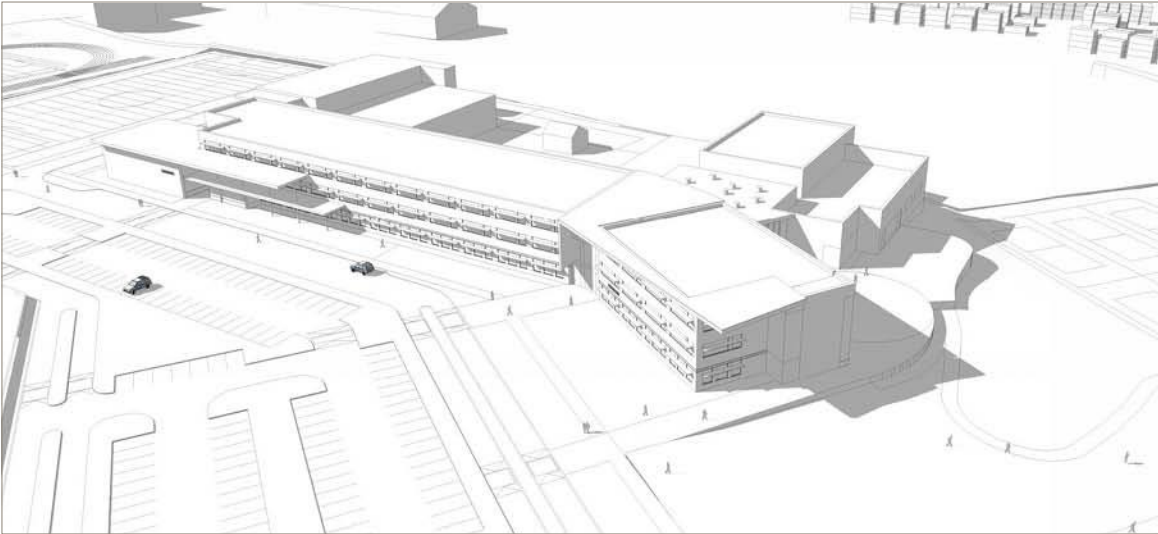
Sun Studies

(Vernal/Autumnal Equinox 2pm)



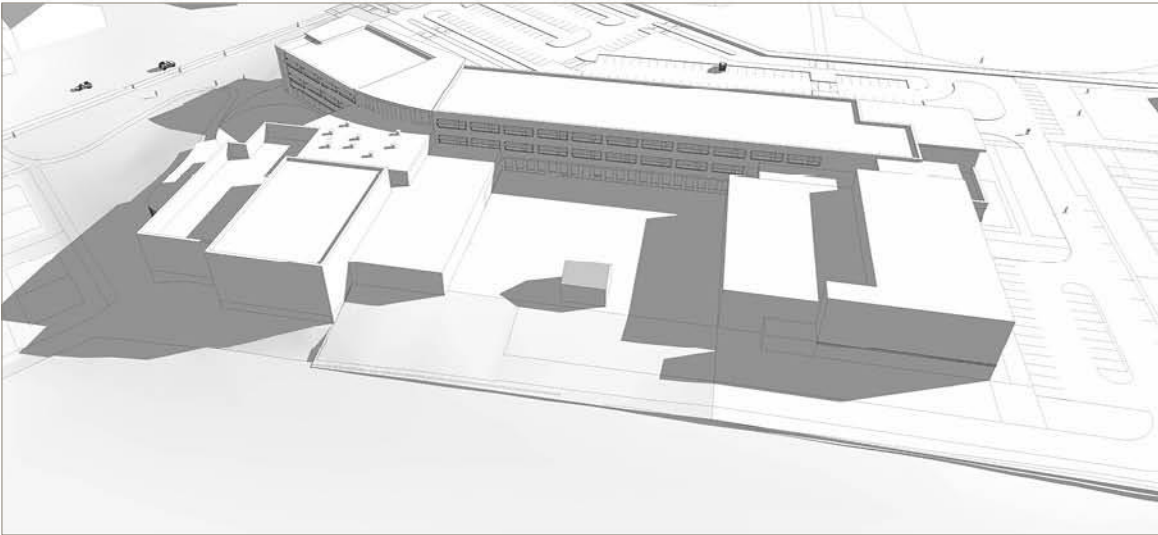
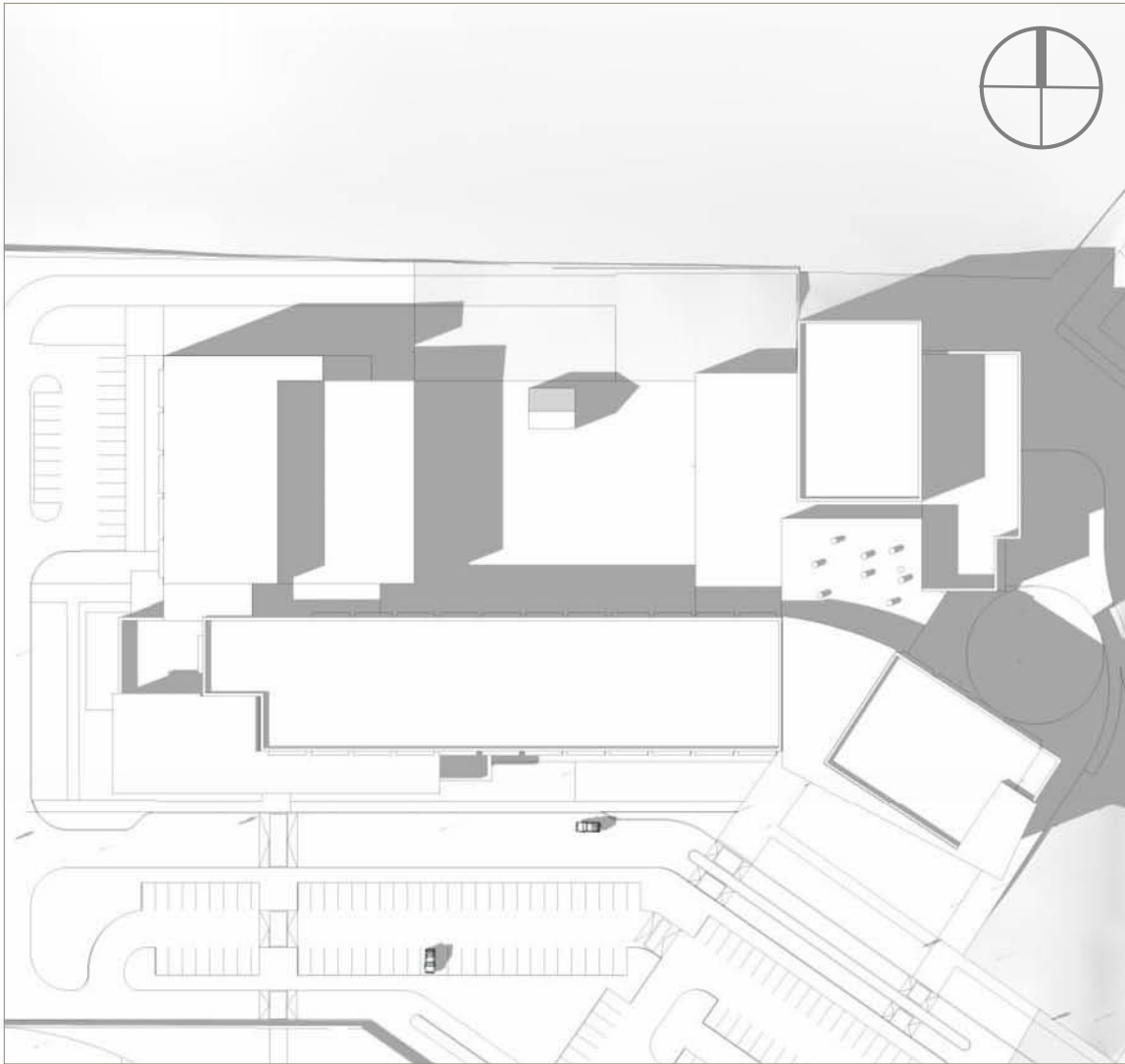
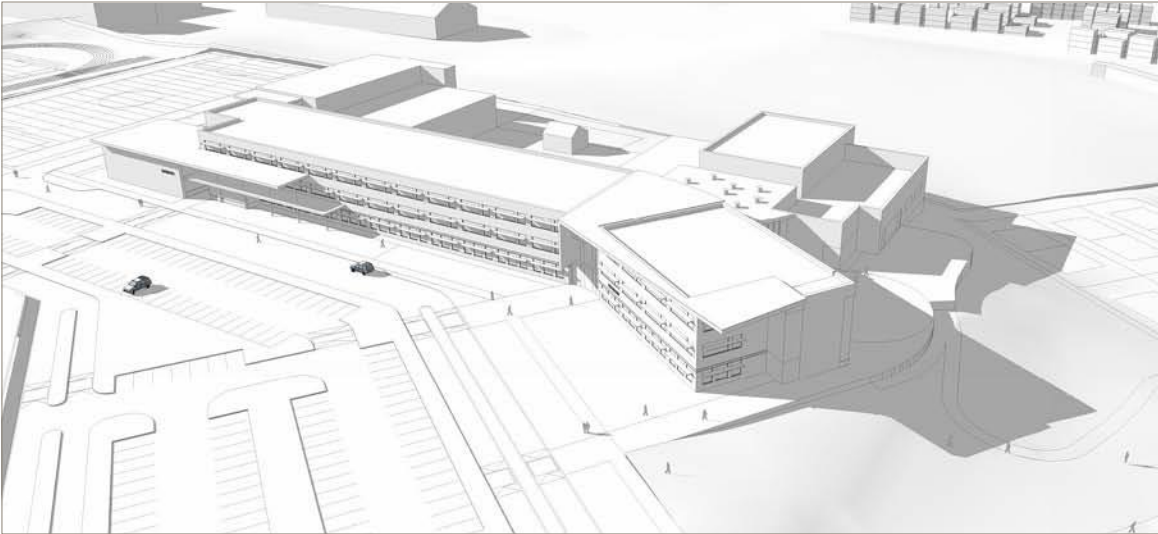
Sun Studies

(Vernal/Autumnal Equinox 3pm)



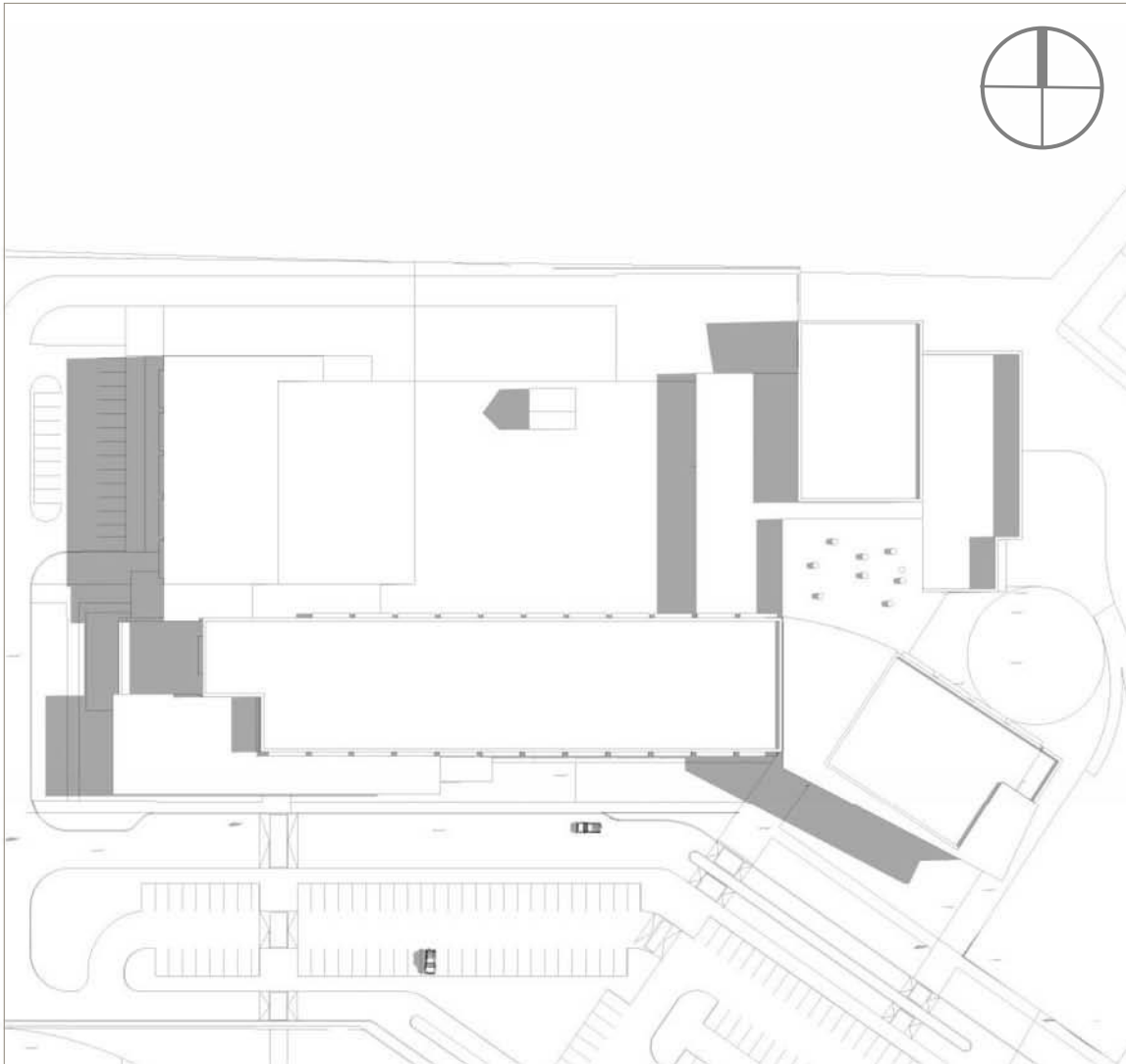
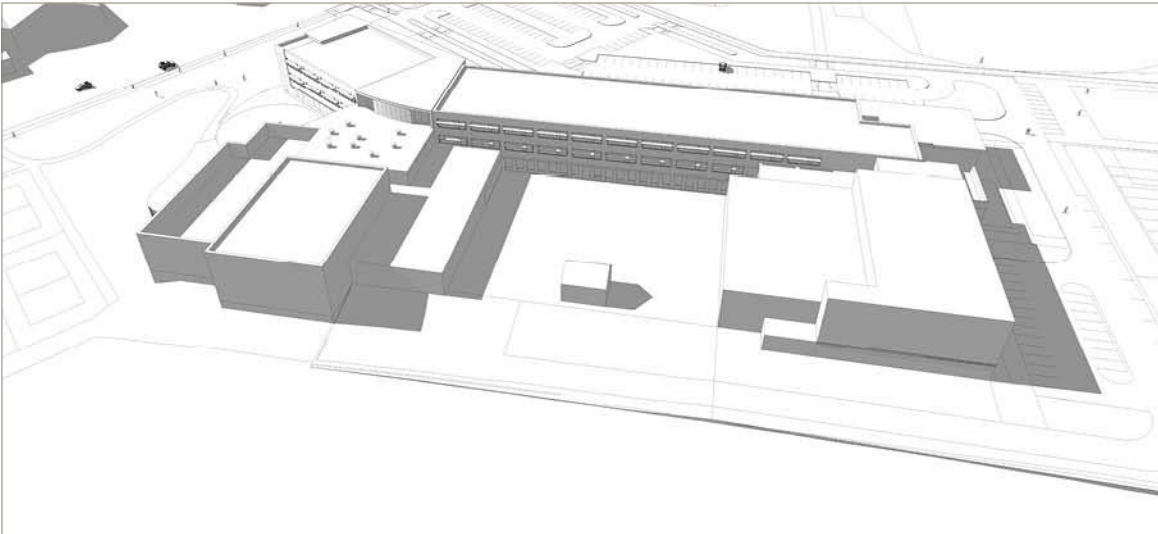
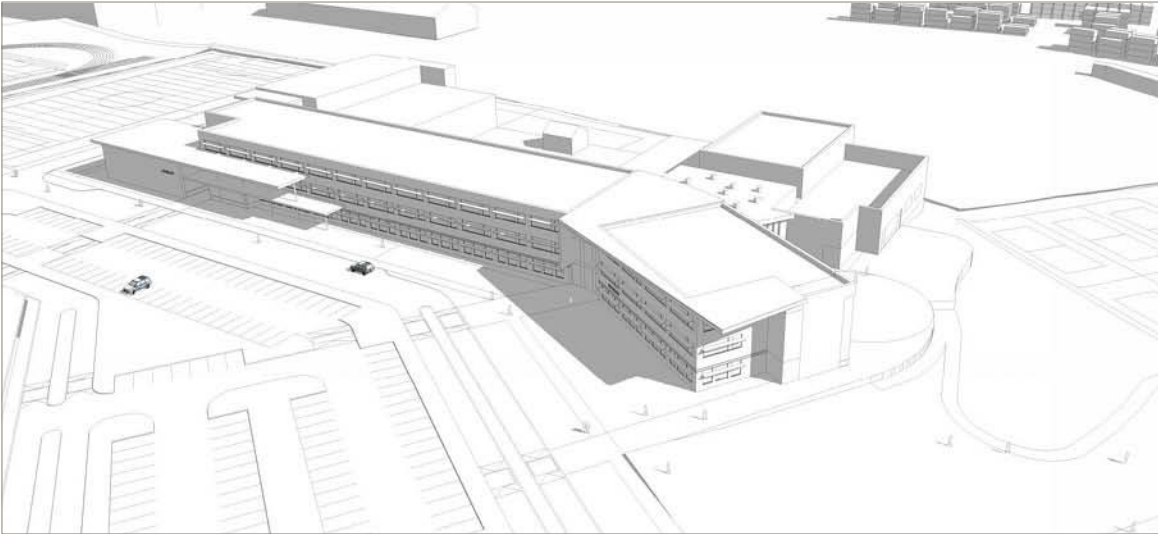
Sun Studies

(Vernal/Autumnal Equinox 4pm)



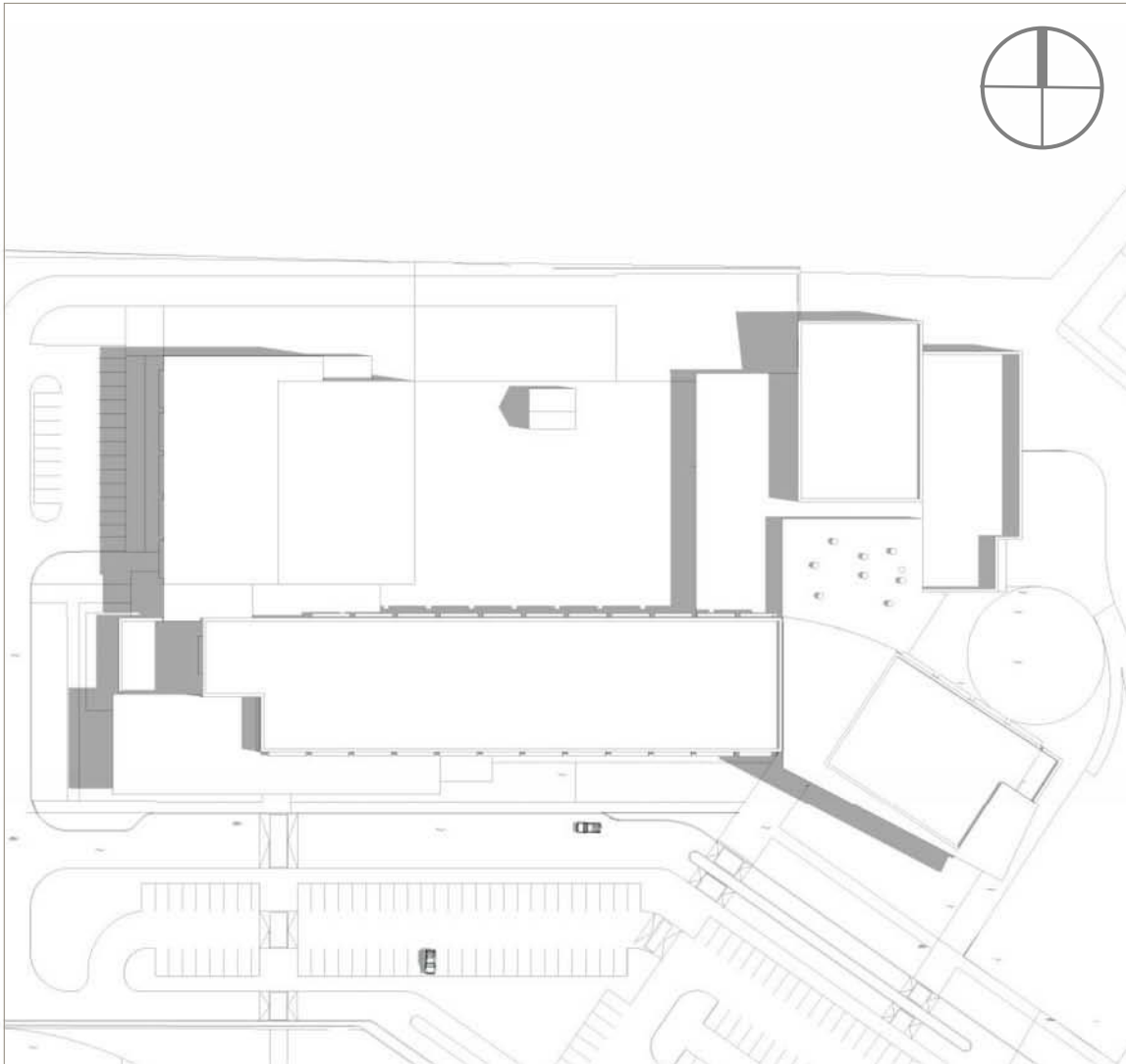
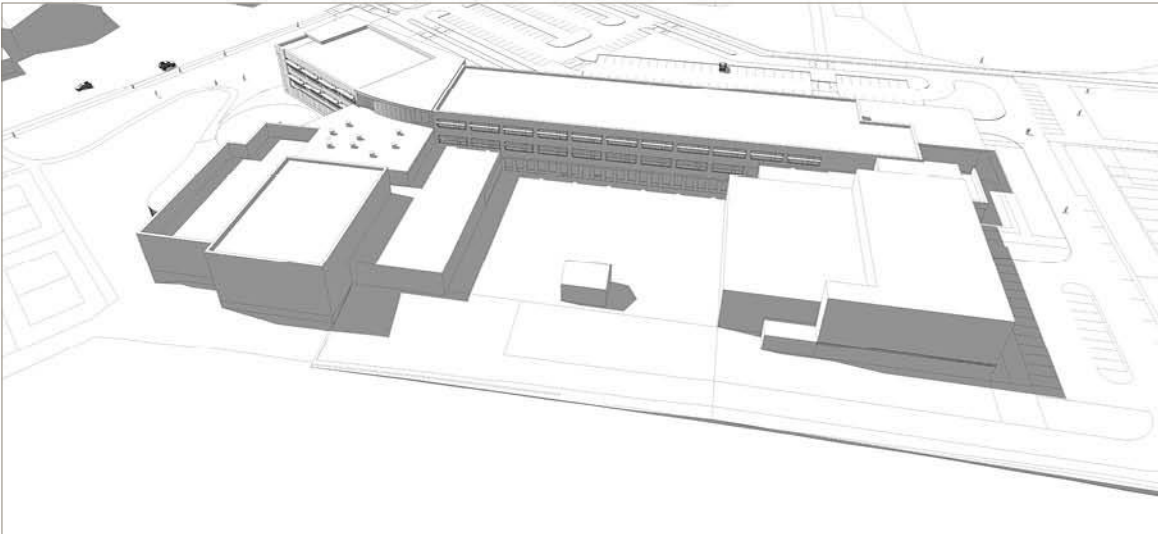
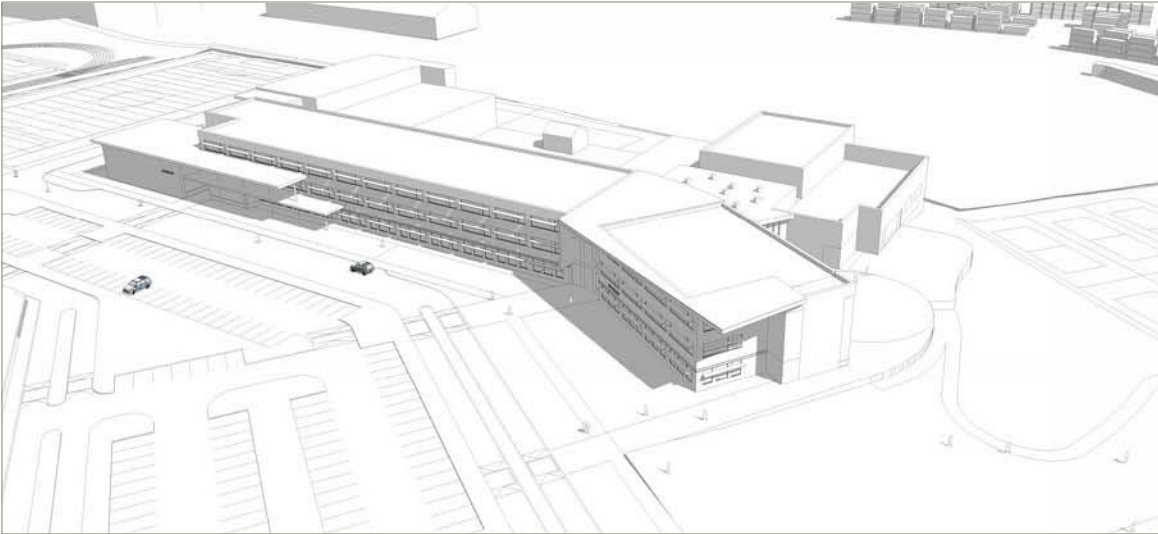
Sun Studies

(Summer Solstice 8am)



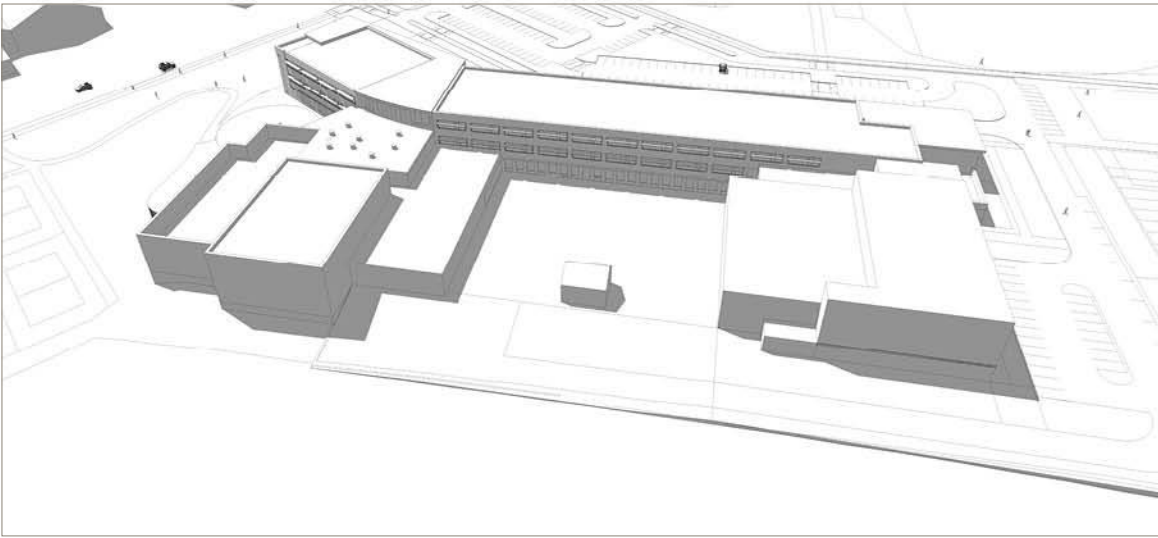
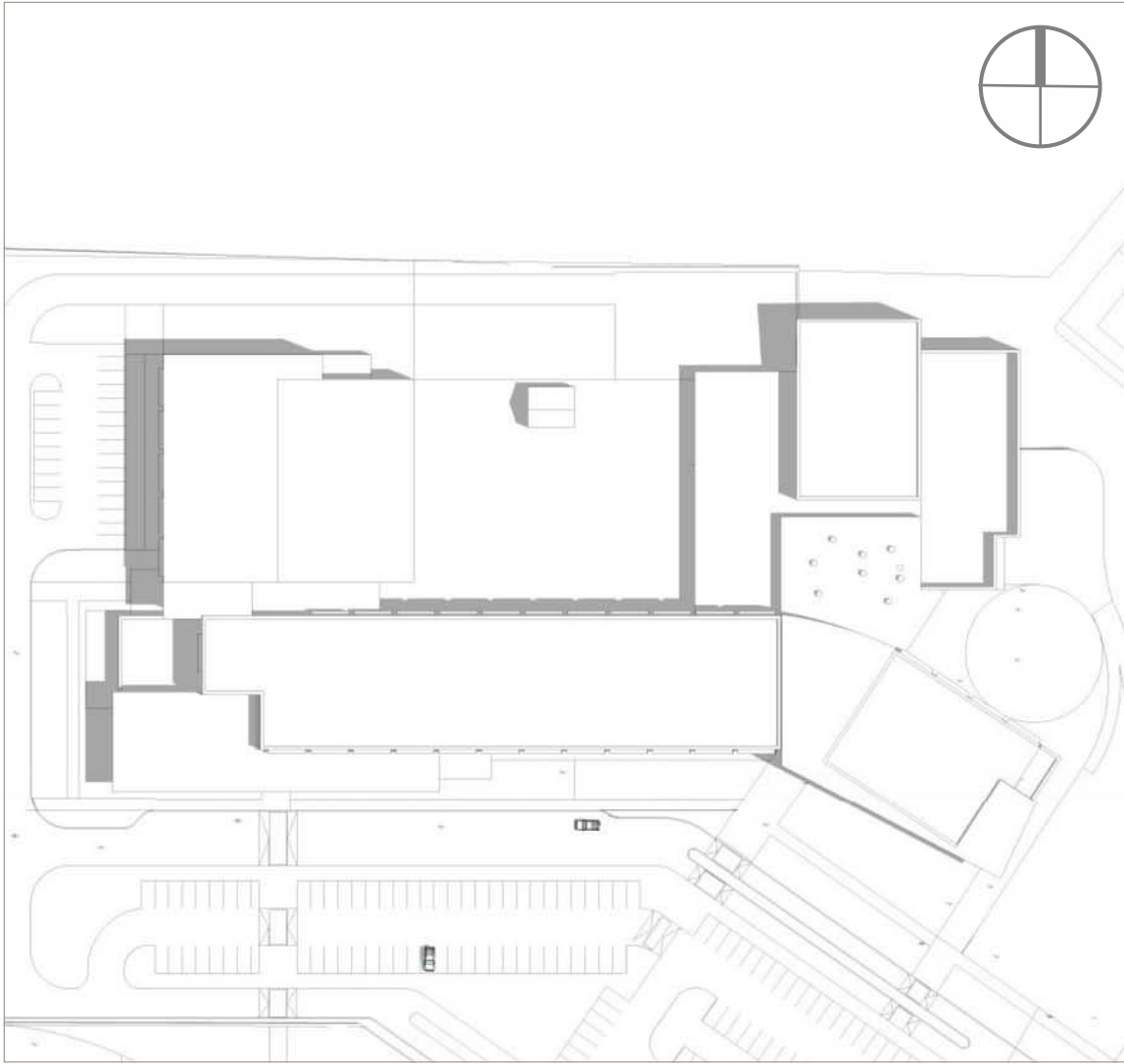
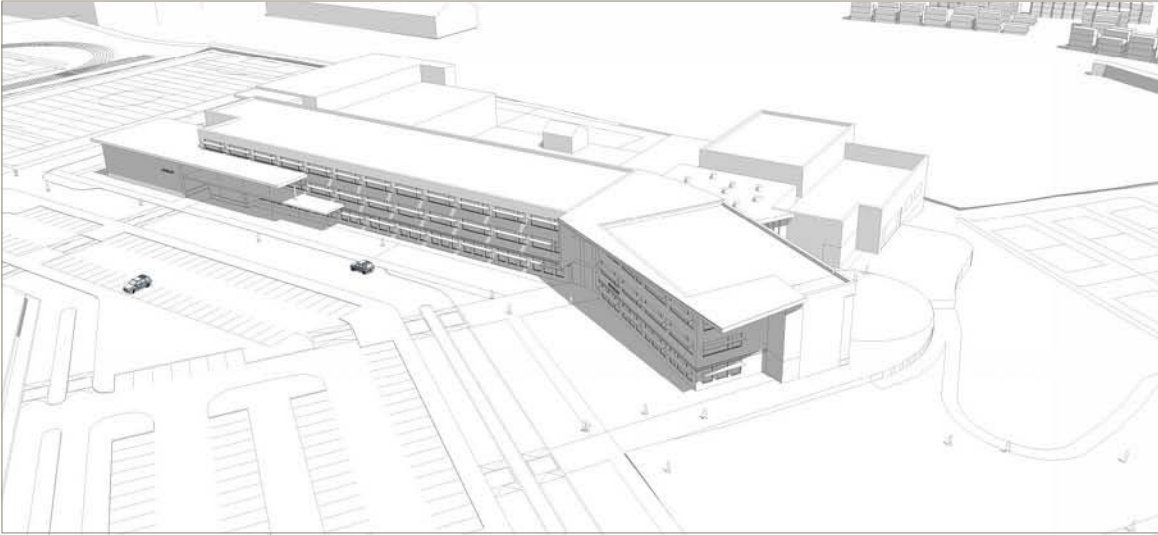
Sun Studies

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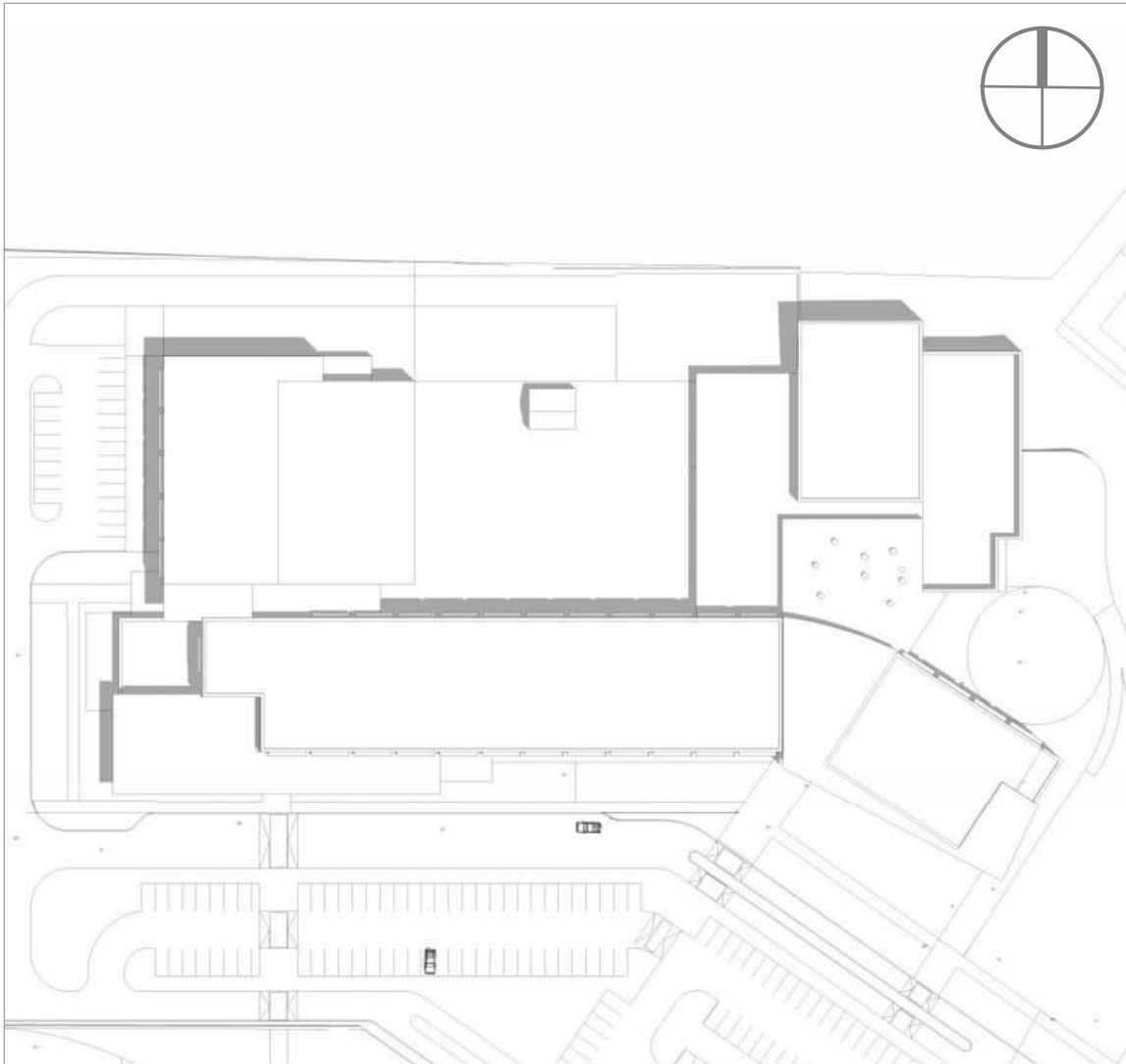
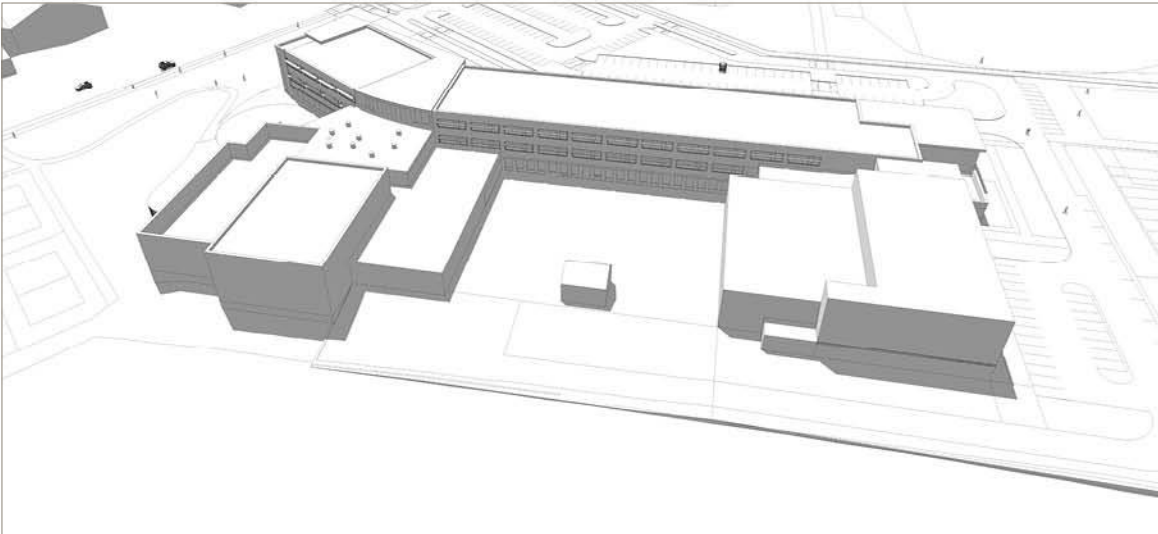
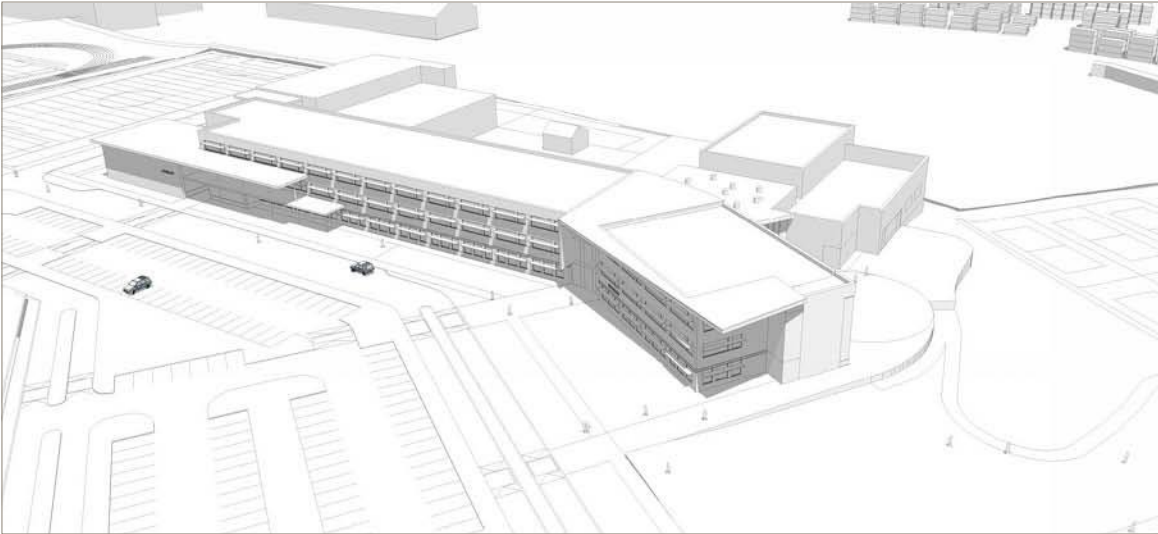
Sun Studies

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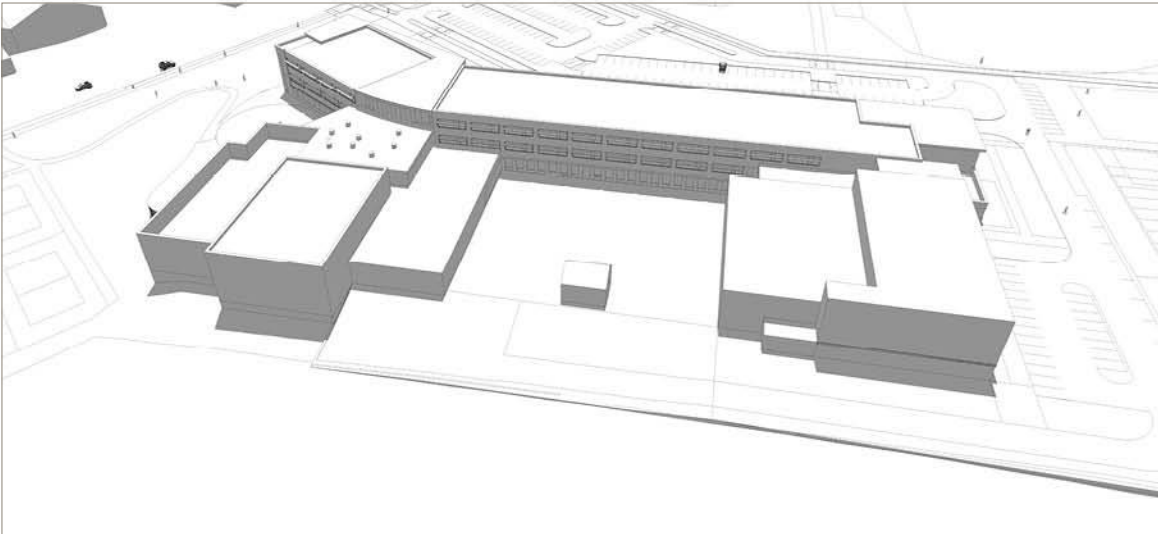
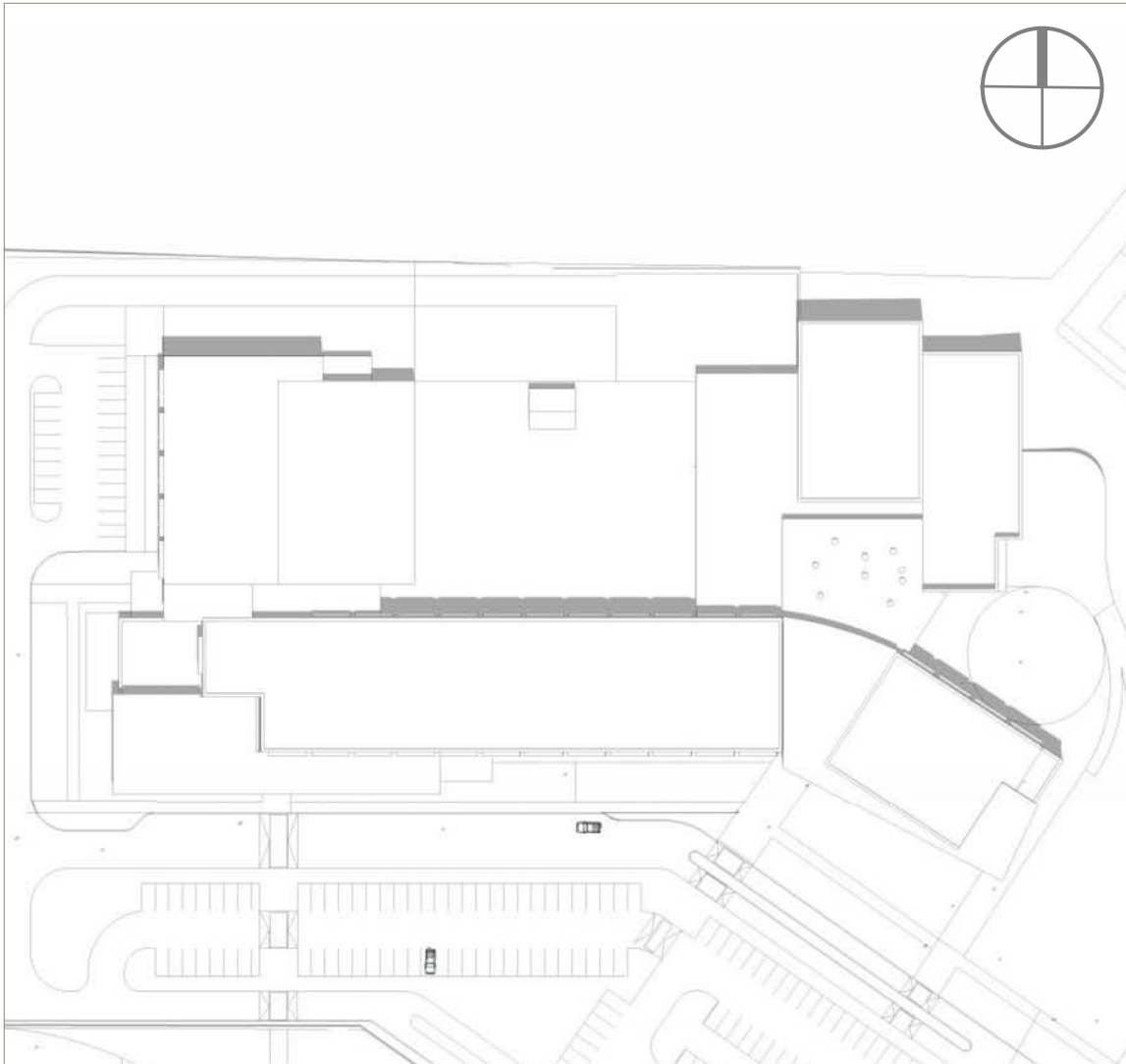
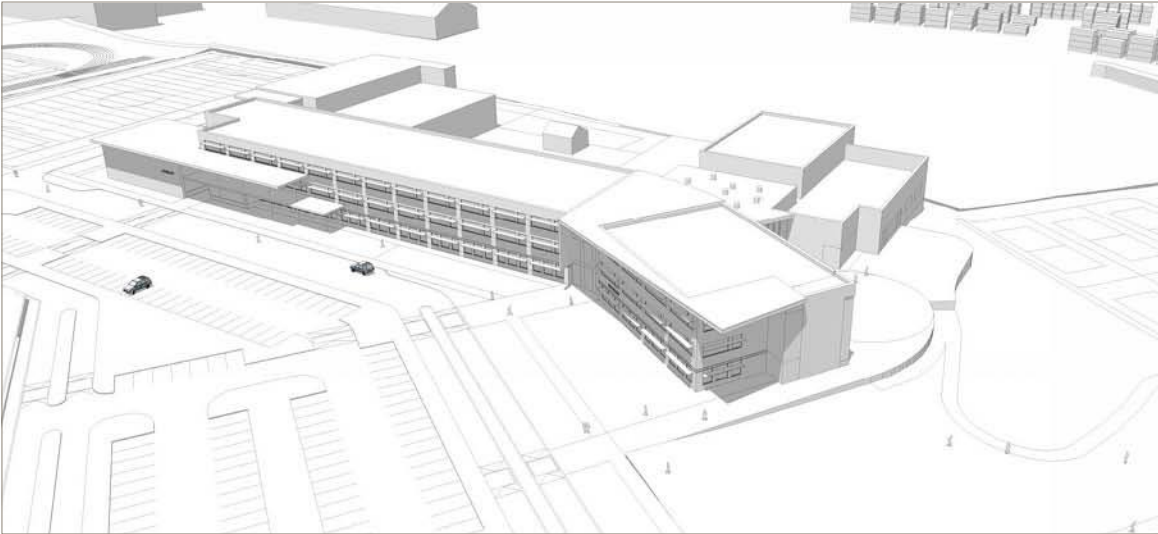
Sun Studies

(Summer Solstice 11 am)



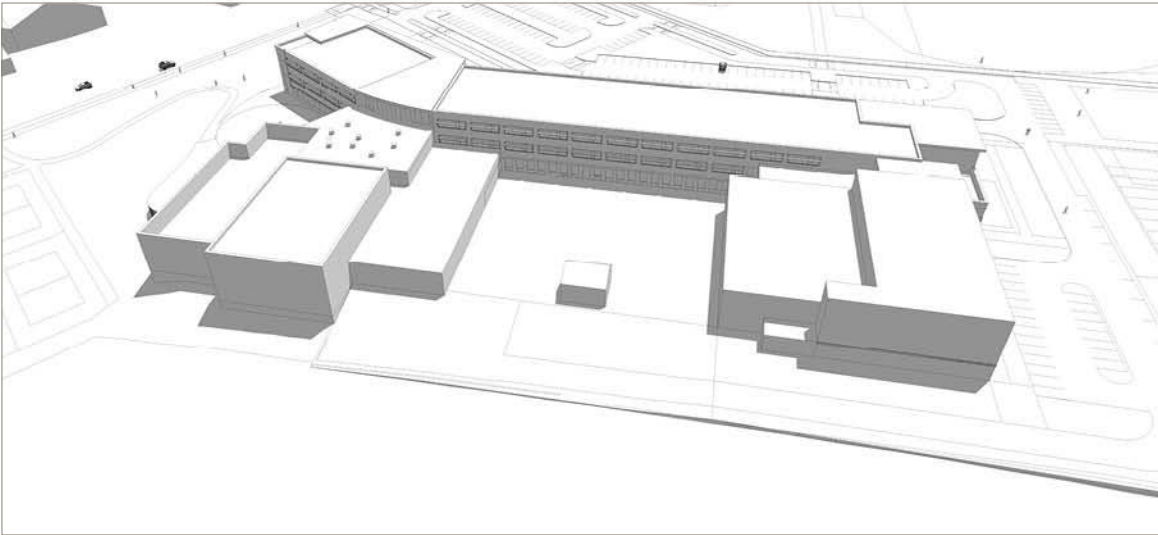
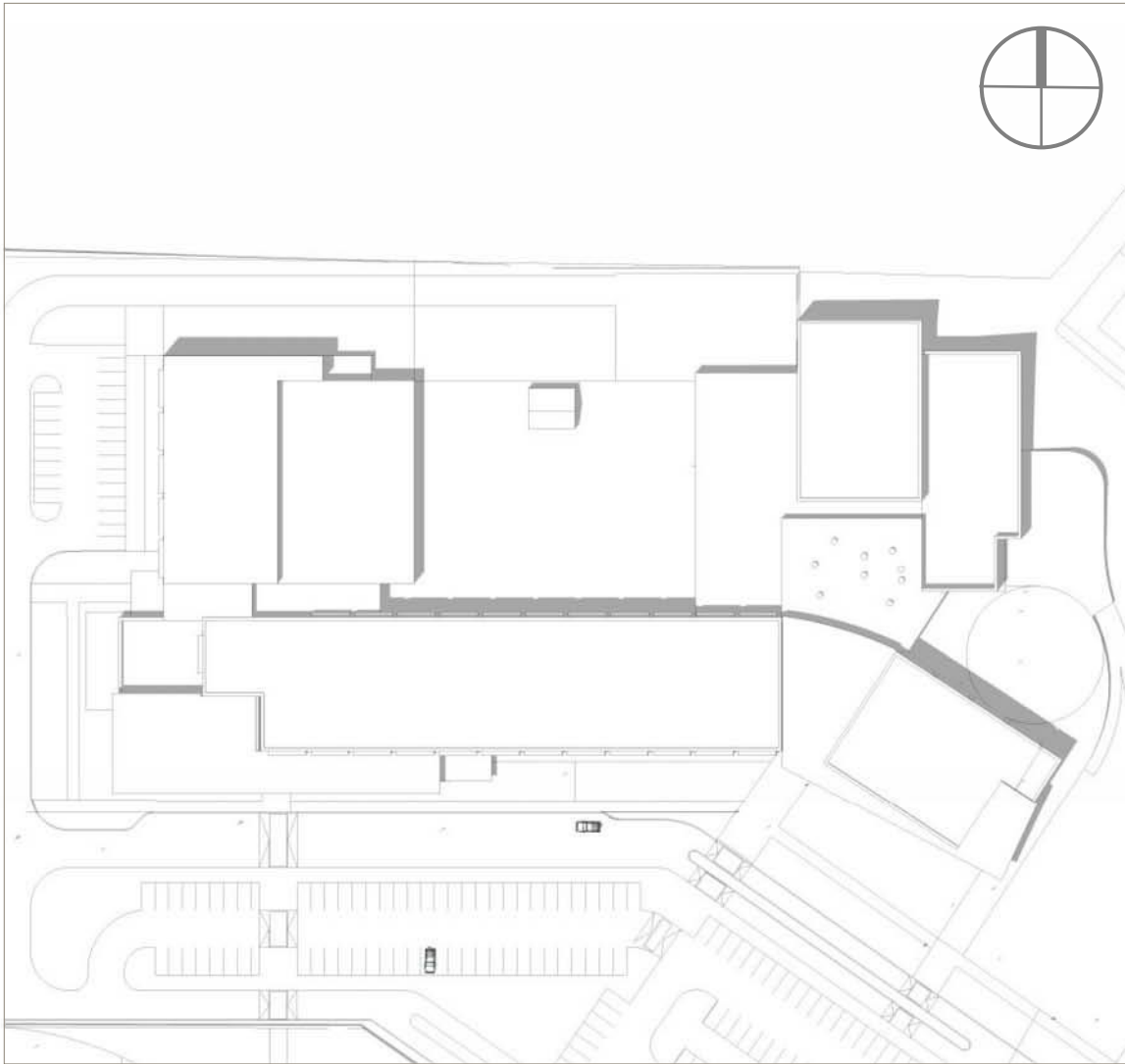
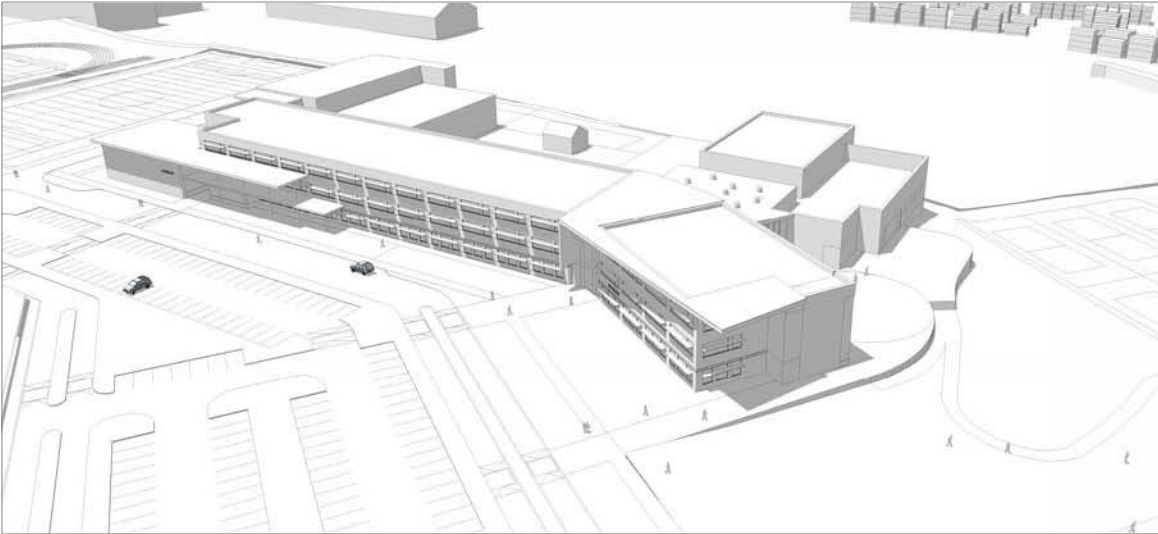
Sun Studies

(Summer Solstice 12pm)



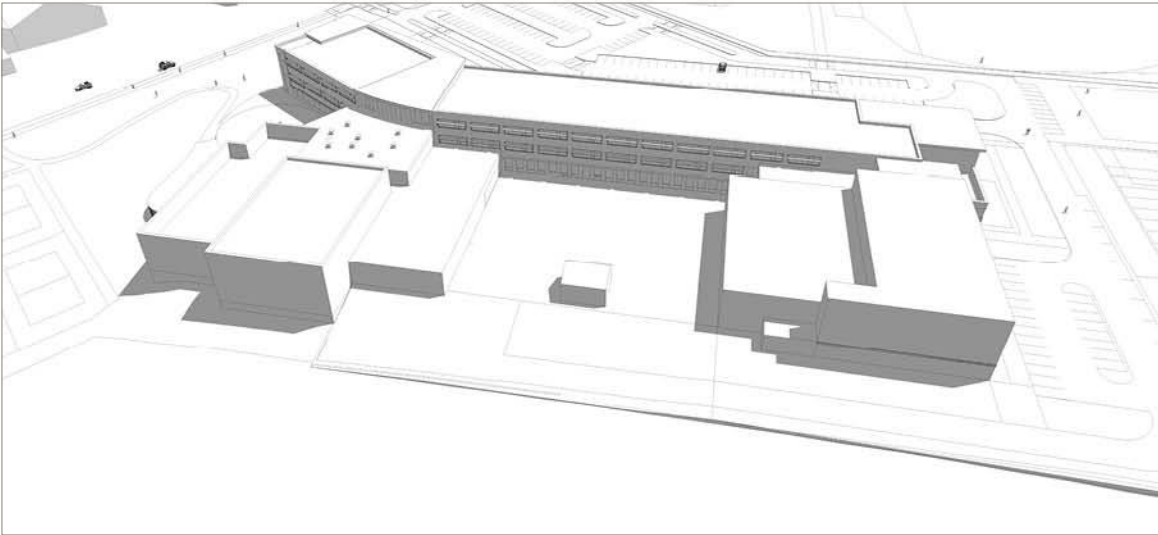
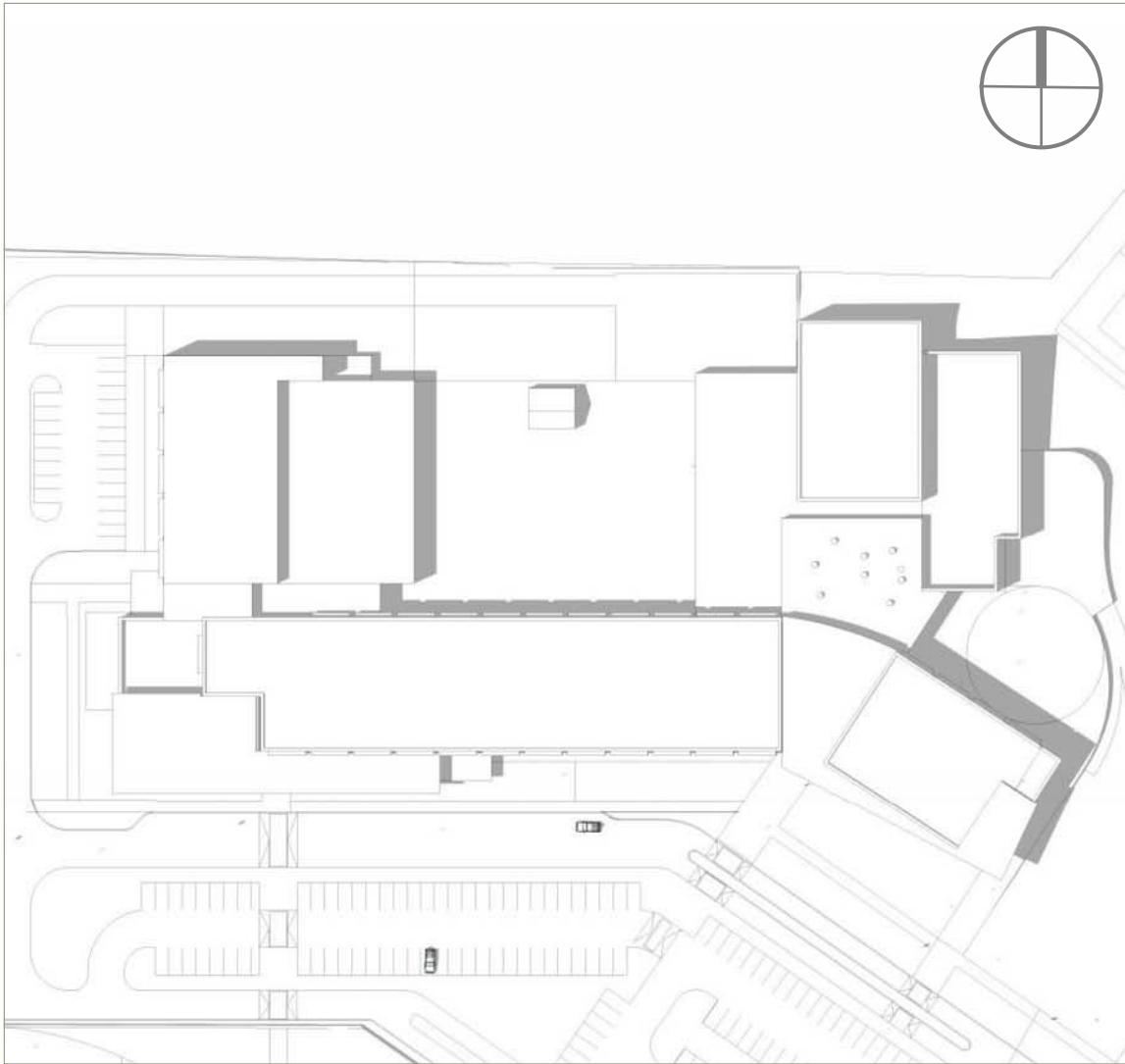
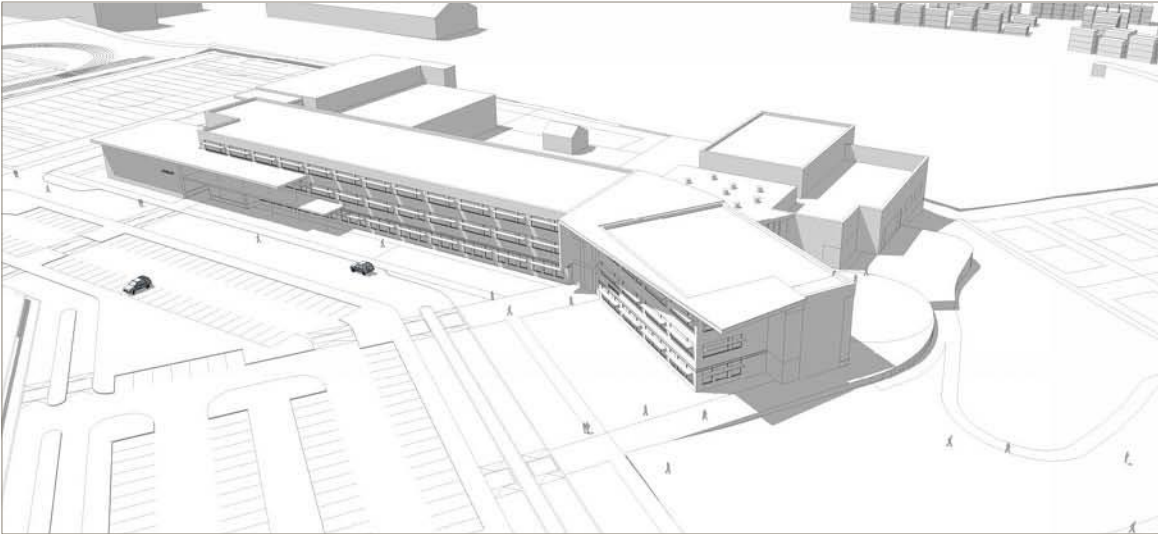
Sun Studies

(Summer Solstice 1 pm)



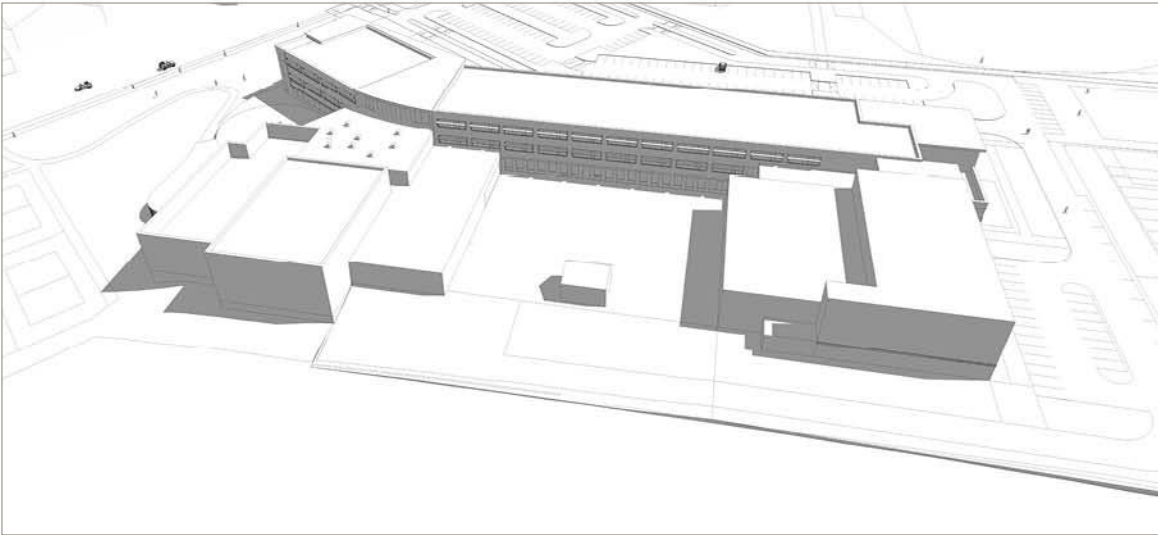
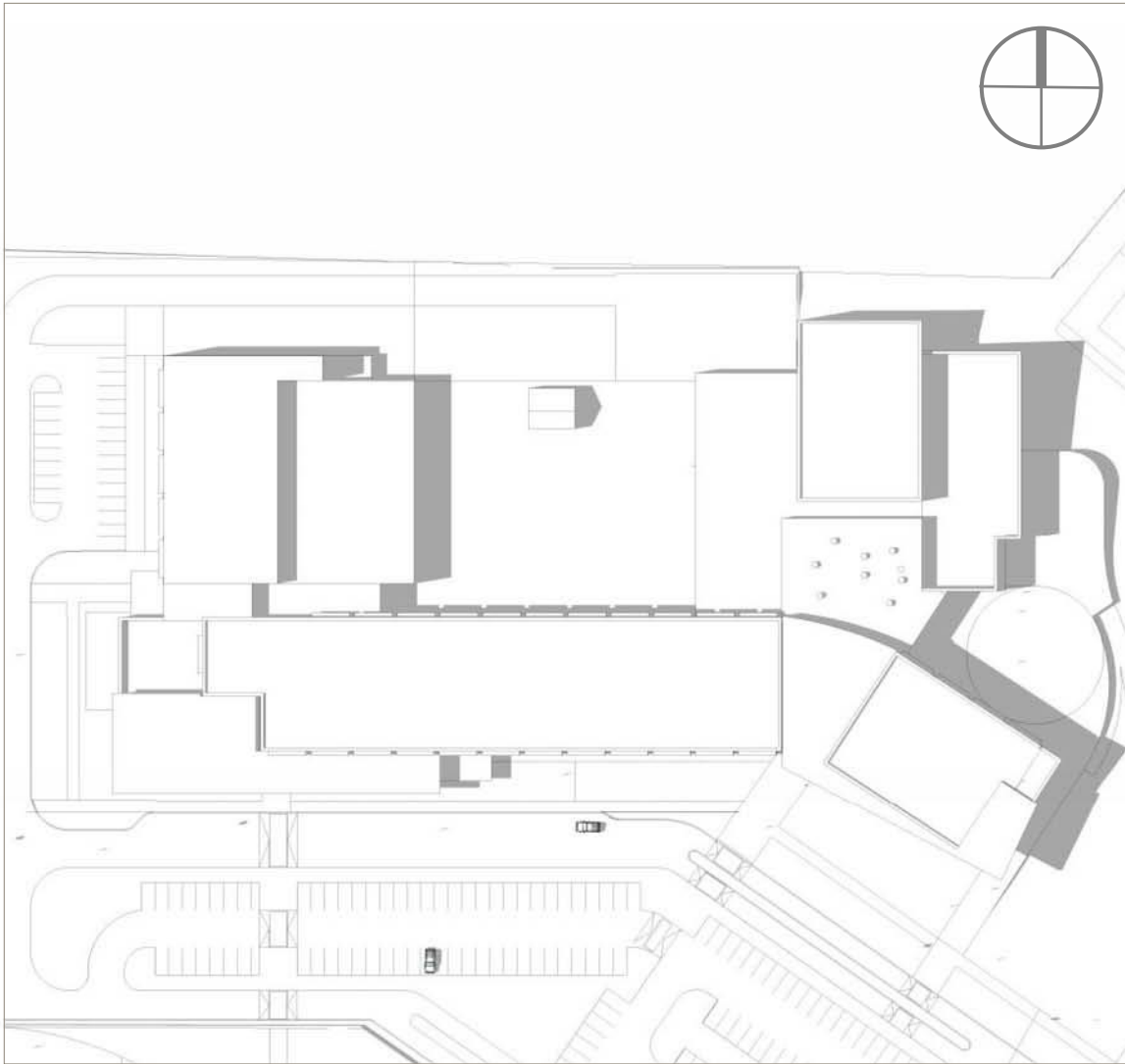
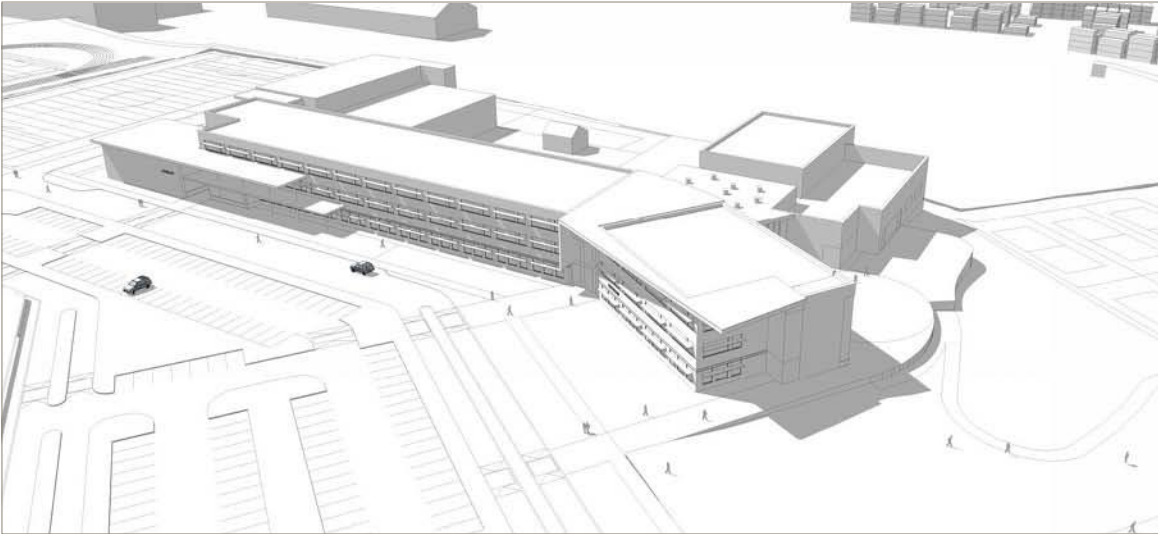
Sun Studies

(Summer Solstice 2pm)



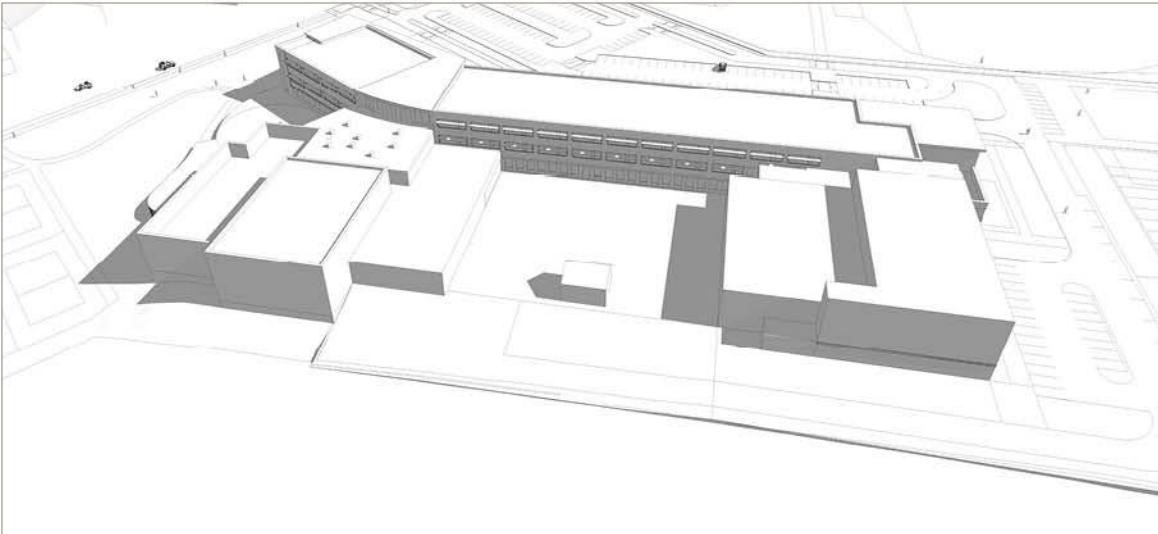
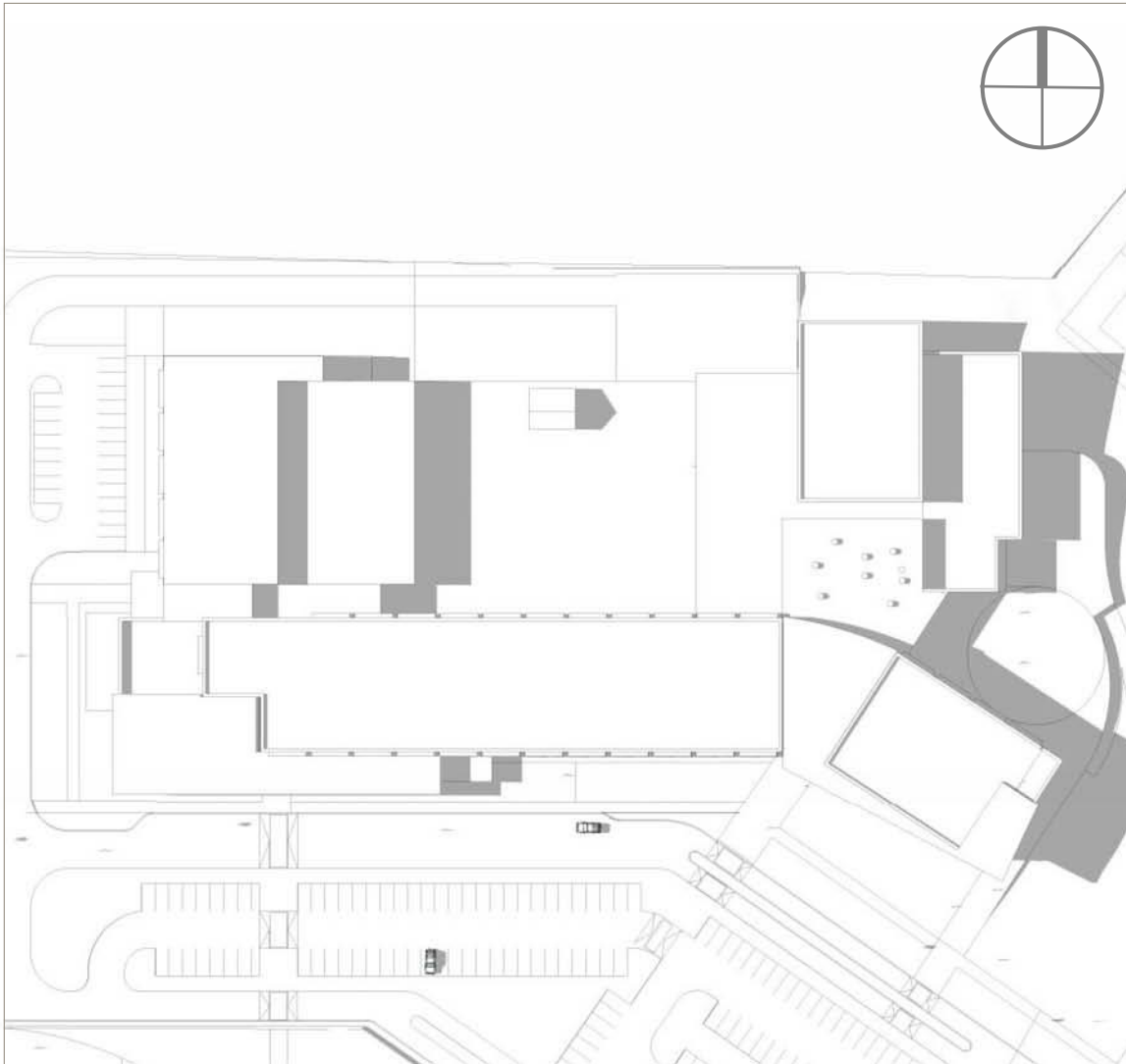
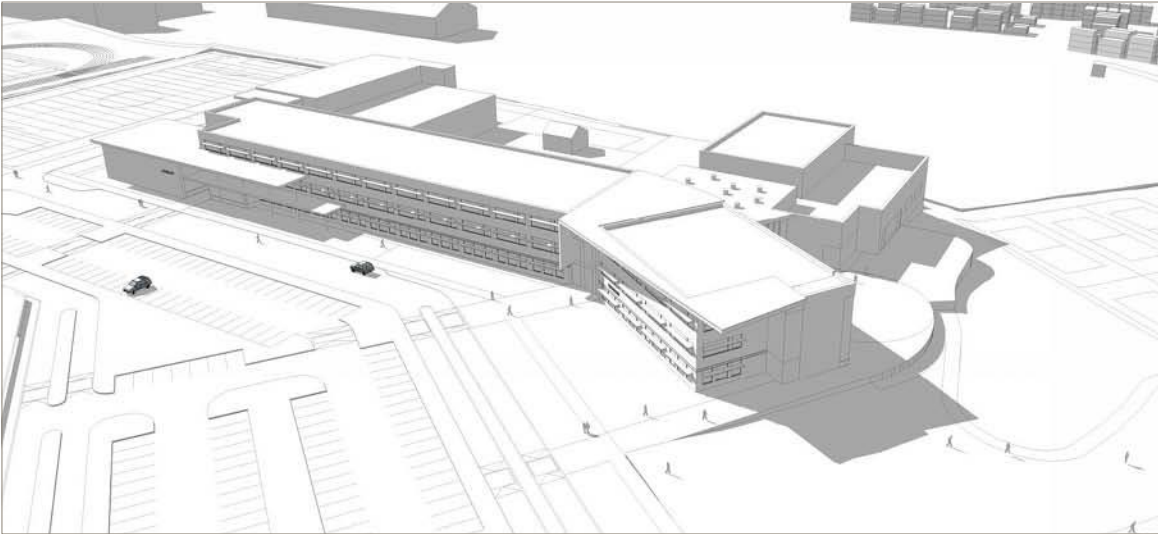
Sun Studies

(Summer Solstice 3pm)



Sun Studies

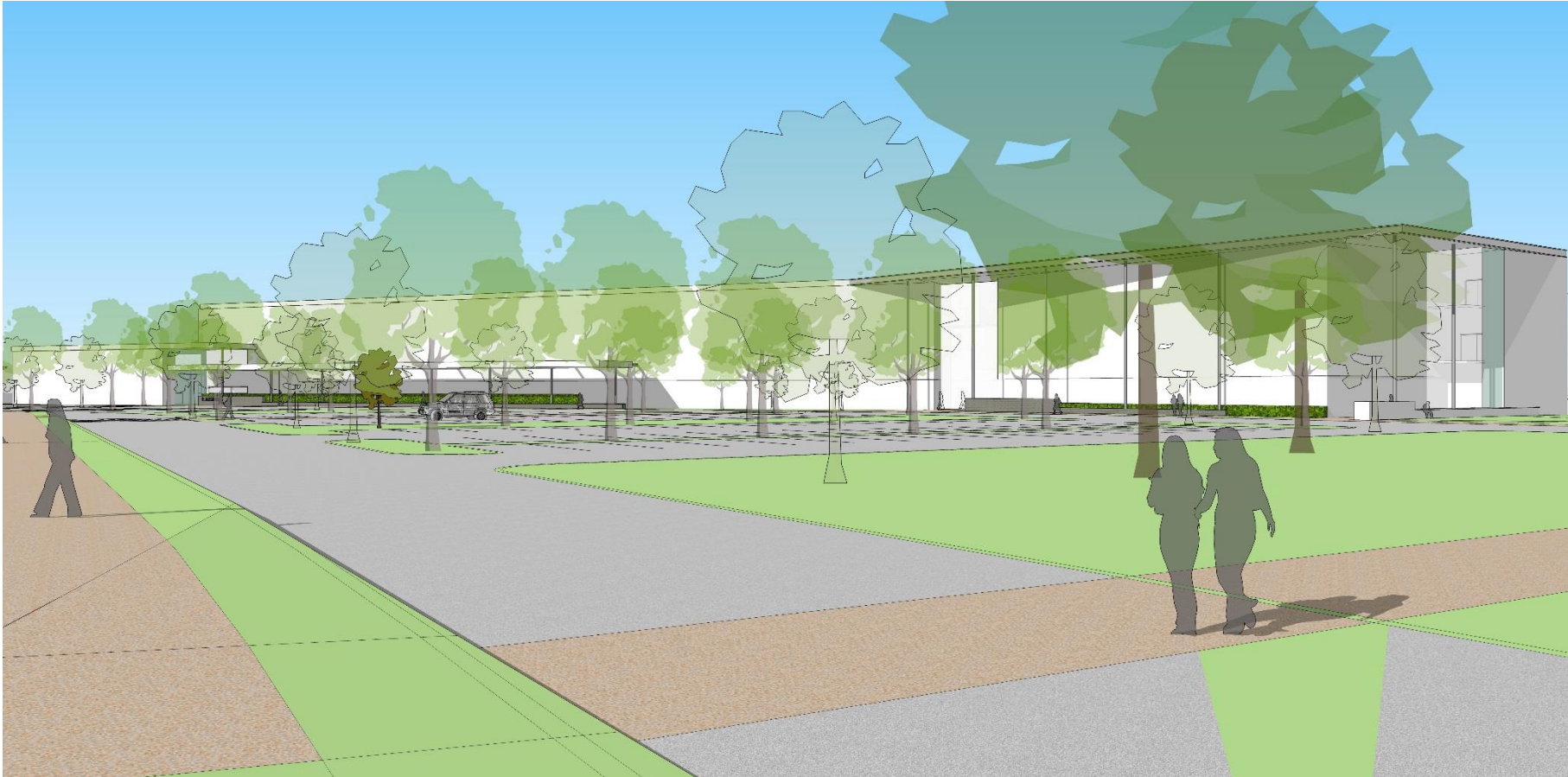
(Summer Solstice 4pm)



Conceptual Massing View from South on Kane



Conceptual Massing View from Entry off Kane



Conceptual Massing View from North on Kane



Conceptual Massing

View From E. Lombard



Conceptual Massing

View of Athletics Entry



Conceptual Patterson-Claremont

