

STATE COLLEGE AREA HIGH SCHOOL 60% Progress Report

Centre Region Council of Governments



AGENDA

- 01 Site
- 02 Building Design
- 03 Sustainability
- 04 Cost
- 05 Phasing
- 06 Summer 2015



ARCHITECTS

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Architects
401 East Winding Hill Road
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MEP ENGINEERS

CENTERPOINT
ENGINEERING INC.

CM SERVICES

Massaro
CM SERVICES, LLC

CIVIL ENGINEERS

EA
group, inc.
SCAPEMASTER LANDSCAPE ARCHITECTS

01 SITE

02 BUILDING DESIGN

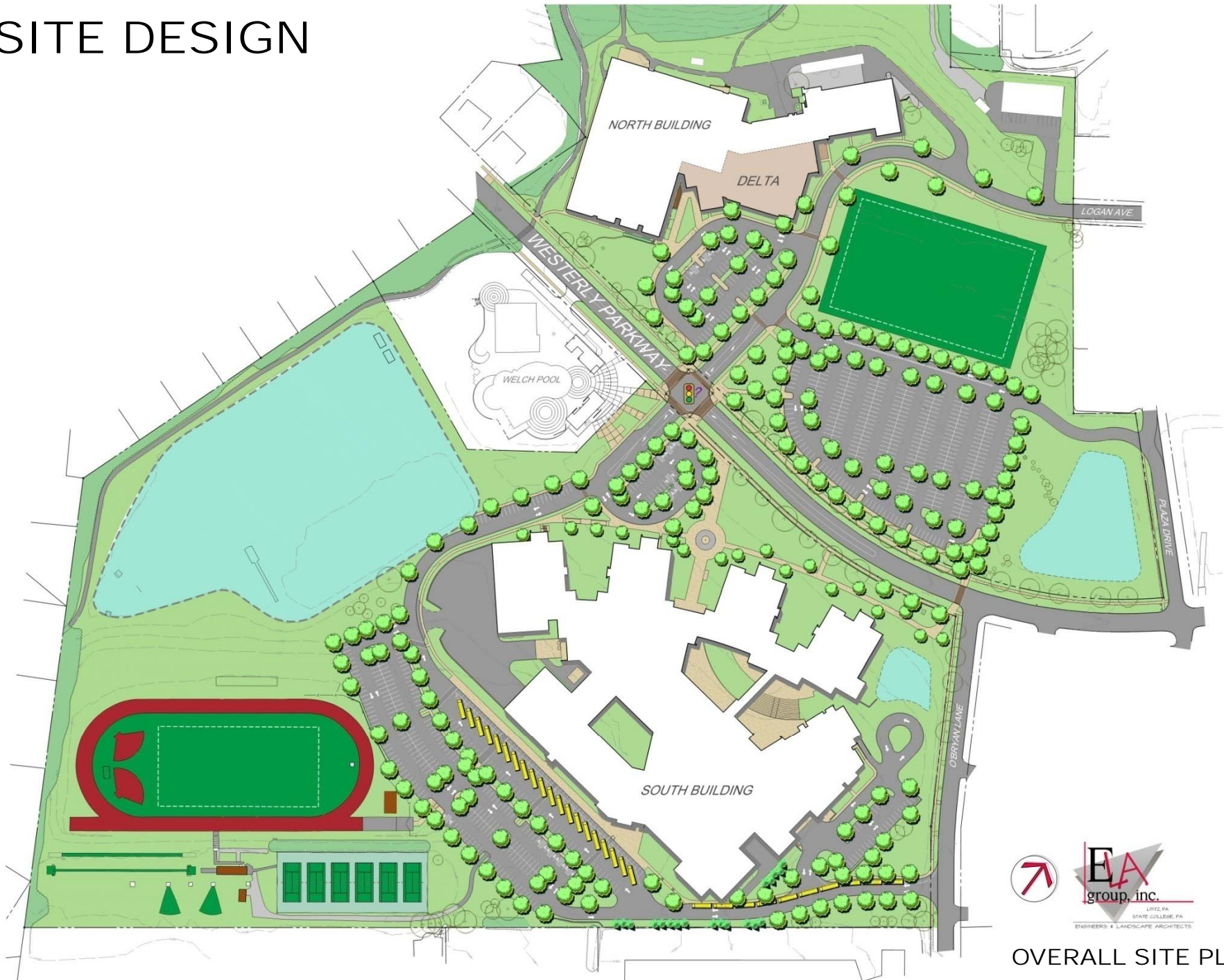
03 SUSTAINABILITY

04 COST

05 PHASING

06 SUMMER 2015

SITE DESIGN



OVERALL SITE PLAN

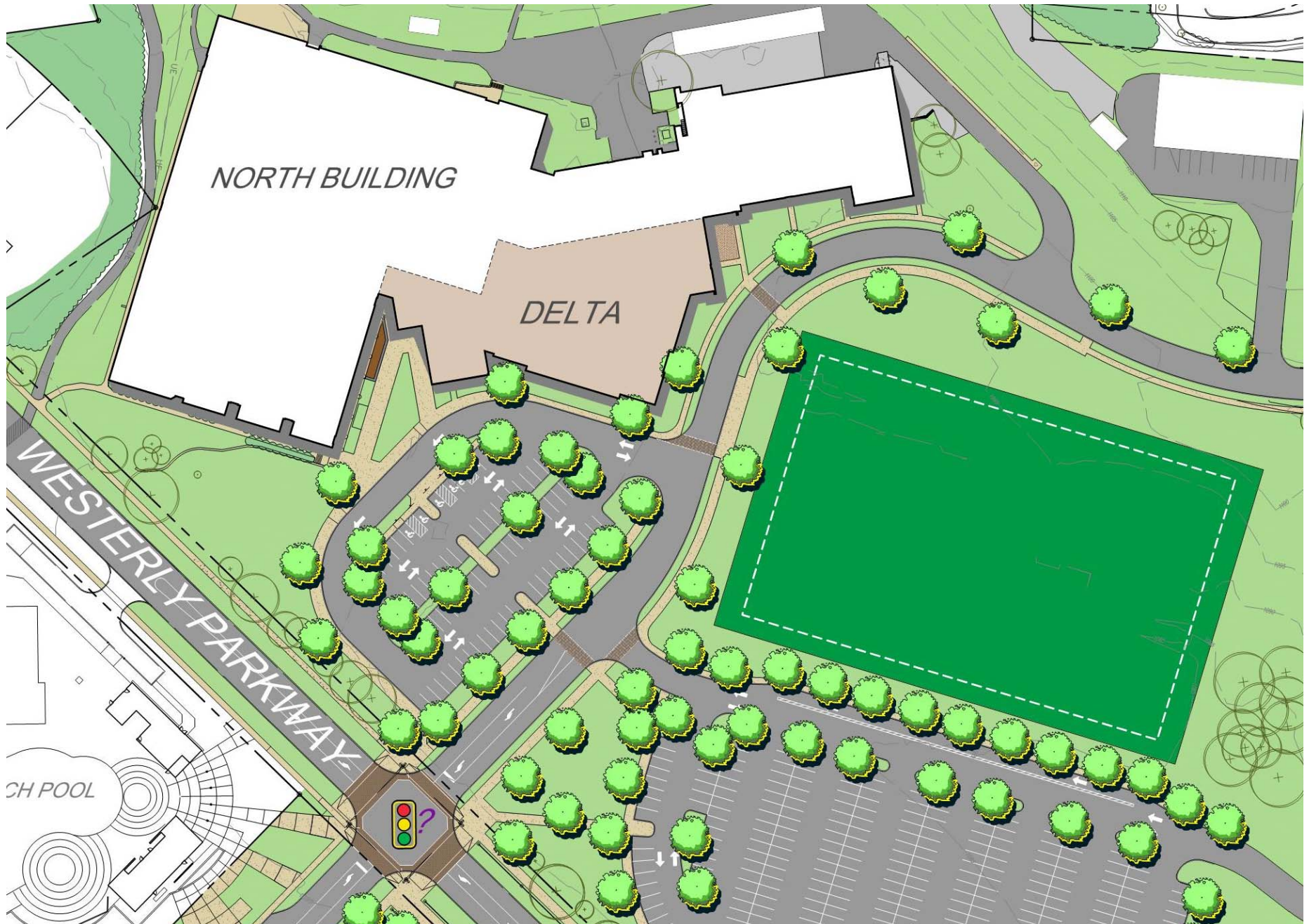
60% DESIGN

REFINEMENTS IN ...

PARKING
ACCESS / DELIVERIES
BUS ACCESSIBILITY
GRADING / UTILITIES
TRAFFIC
LANDSCAPING
PLAZA CONCEPTS



NORTH SITE PLAN





NORTH - EXTERIOR

SOUTH SITE PLAN





SOUTH – EXTERIOR

01 SITE

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06 SUMMER 2015



NORTH - EXTERIOR



NORTH - INTERIOR

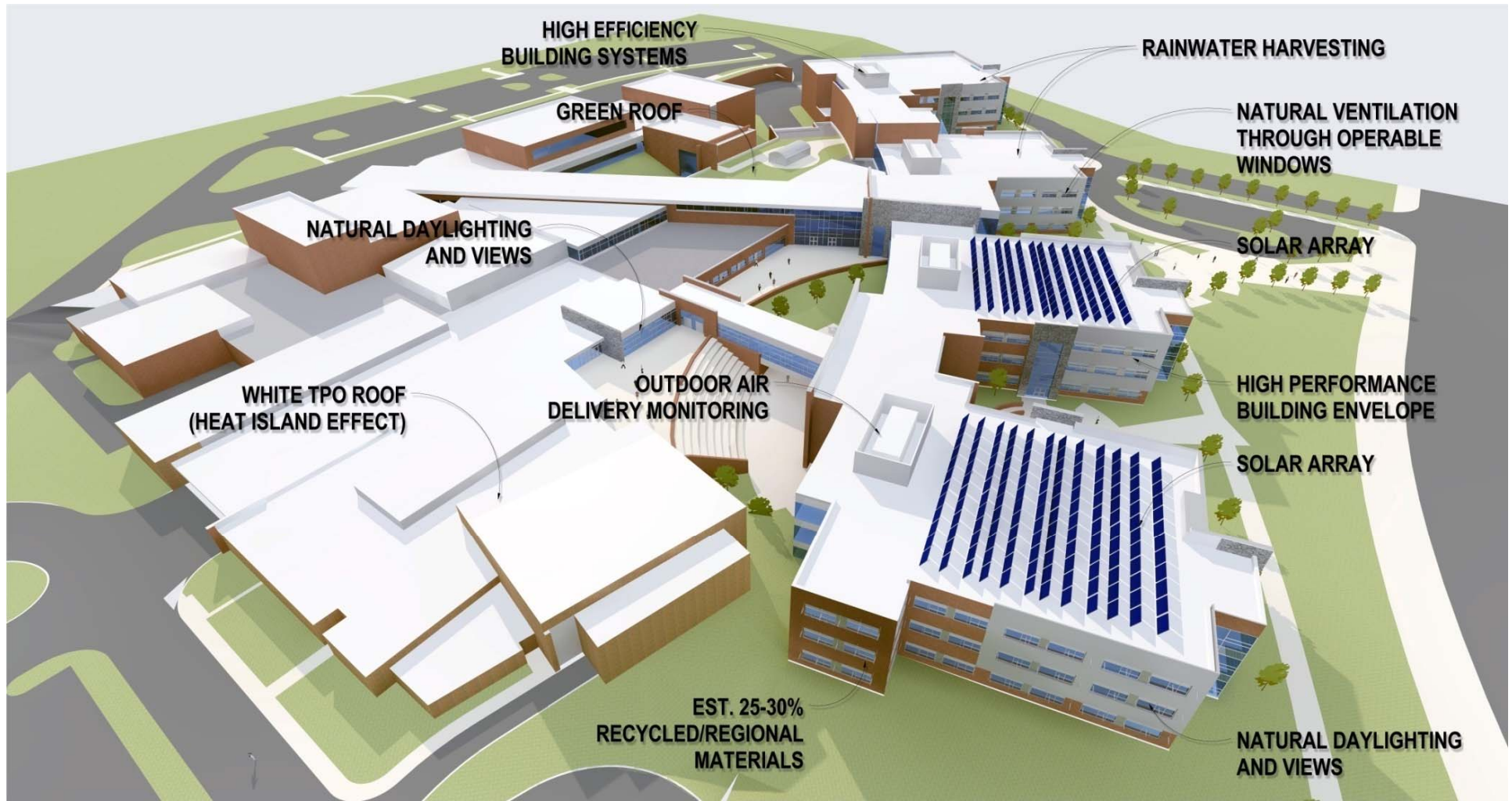


SOUTH – EXTERIOR



SOUTH - INTERIOR

- 01 SITE
- 02 BUILDING DESIGN
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- 06 SUMMER 2015



01 SITE

02 BUILDING DESIGN

03 SUSTAINABILITY

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06 SUMMER 2015

State College Area High School

Schematic Design Construction Cost Estimate - 30% Design Documents
Crabtree, Rohrbaugh & Associates

CRA #2787
12/3/2014

Executive Summary

I South Building

The South Building will house 2,500 students in grades 9-12 in a new / renovated High School.

The project will consist of the following:

- a. Demolition of 103,000 sf of existing building area
- b. Renovations to 77,000 sf of existing building area
- c. The project will be a "LEED Gold" project
- d. Alternate Bid for 7,600 sf Auxiliary Gym, Fitness Center & Support Spaces
- e. Site Development shall include new bus drop off, new parking areas, new signalized intersection new entrance plaza, new shop yard, site lighting, signage, and landscaping

II North Building

The North Building will retain existing competition athletic venues for the High School, including competition gym, natatorium, and auxiliary gym, with adjacent locker rooms.

A two-story wing will be constructed for the Delta Program, housing students in Grades 5 - 12

The North Building project will consist of the following:

- a. Demolition of the two-story academic wings
- b. Construction of a 42,936-sf academic wing for the Delta Program (Original program area of 20,000 plus 22,936 for enhanced program.)
- c. Limited renovations to the existing athletic facilities
- d. Major renovations to the existing kitchen to serve the Delta Program
- e. Site development work will include upgrades to existing parking, new athletic field and expanded storm water management for the site

III Referendum Estimate

In May 2014, the voters of State College Area School District overwhelmingly approved a referendum to remain on the existing Westerly Parkway site and complete a major addition and renovations project. Listed below are the estimates prepared for the referendum:

South Building: \$100,254,365

North Building: \$14,623,516

Referendum Limit \$114,877,881

Grant \$ 2,000,000

Board Approved \$ 5,469,119 Enhancements for Delta Program

Updated Budget \$ 122,347,000

BUDGET

Budget is being developed concurrently by Massaro Construction Management & Crabtree Rohrbaugh.

Next budget revision will be completed in April.

South Building has reduced by approximately 5,000 SF since 30% submission.

North Building has increased by approximately 22,000 SF with addition of Delta Program.

\$75.1M in bonds (Aa1) sold on Feb 17/18, yielding \$85M in proceeds.

All-in True Interest Cost = 3.54% (25 yr)

Annual debt service = \$5.2M

Estimated property tax impacts

2015-2016 1.49 mills

2016-2040 2.31 mills

01 SITE

02 BUILDING DESIGN

03 SUSTAINABILITY

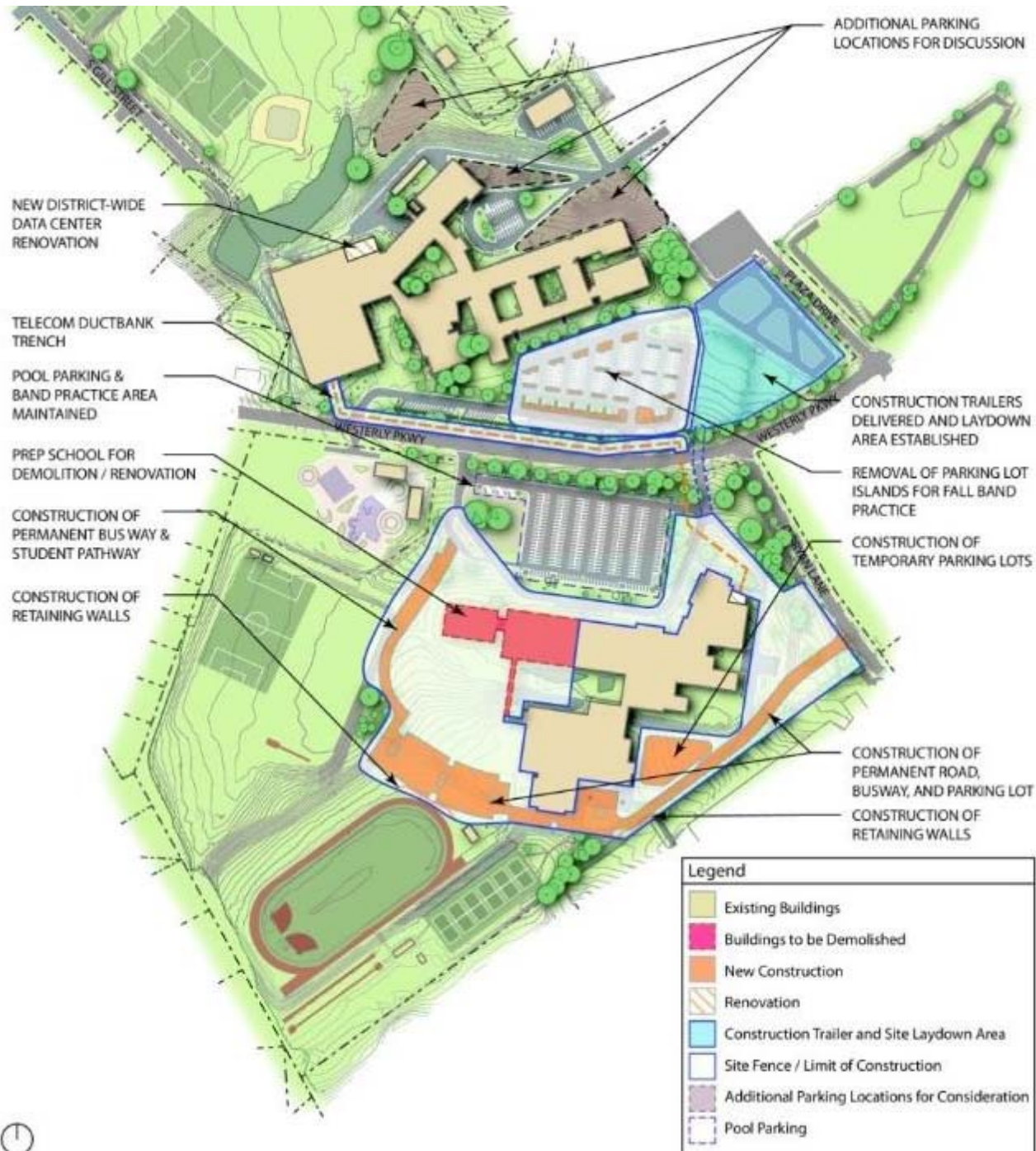
04 COST

05 PHASING

06 SUMMER 2015

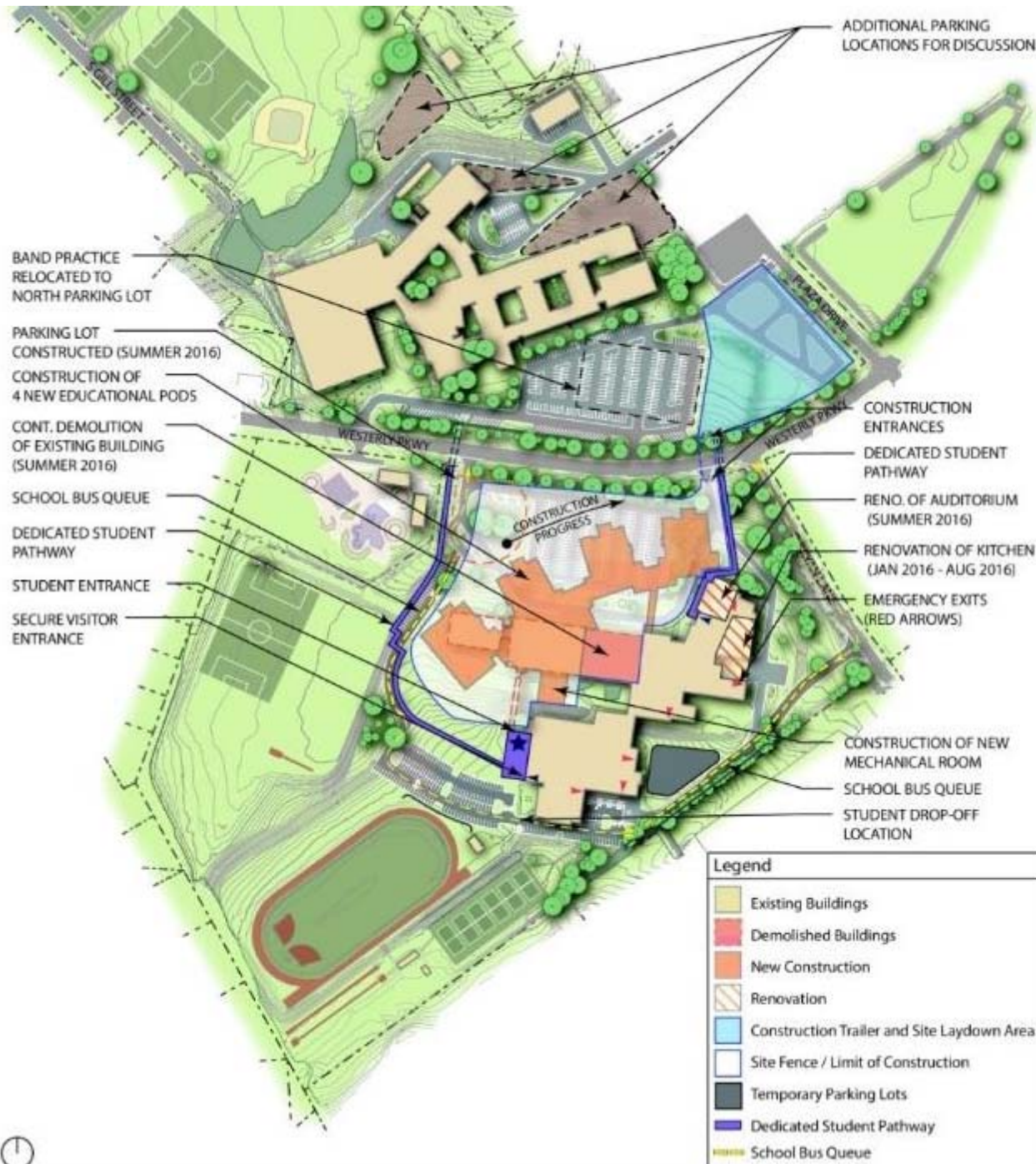
PHASING

June 2015 – Aug 2015



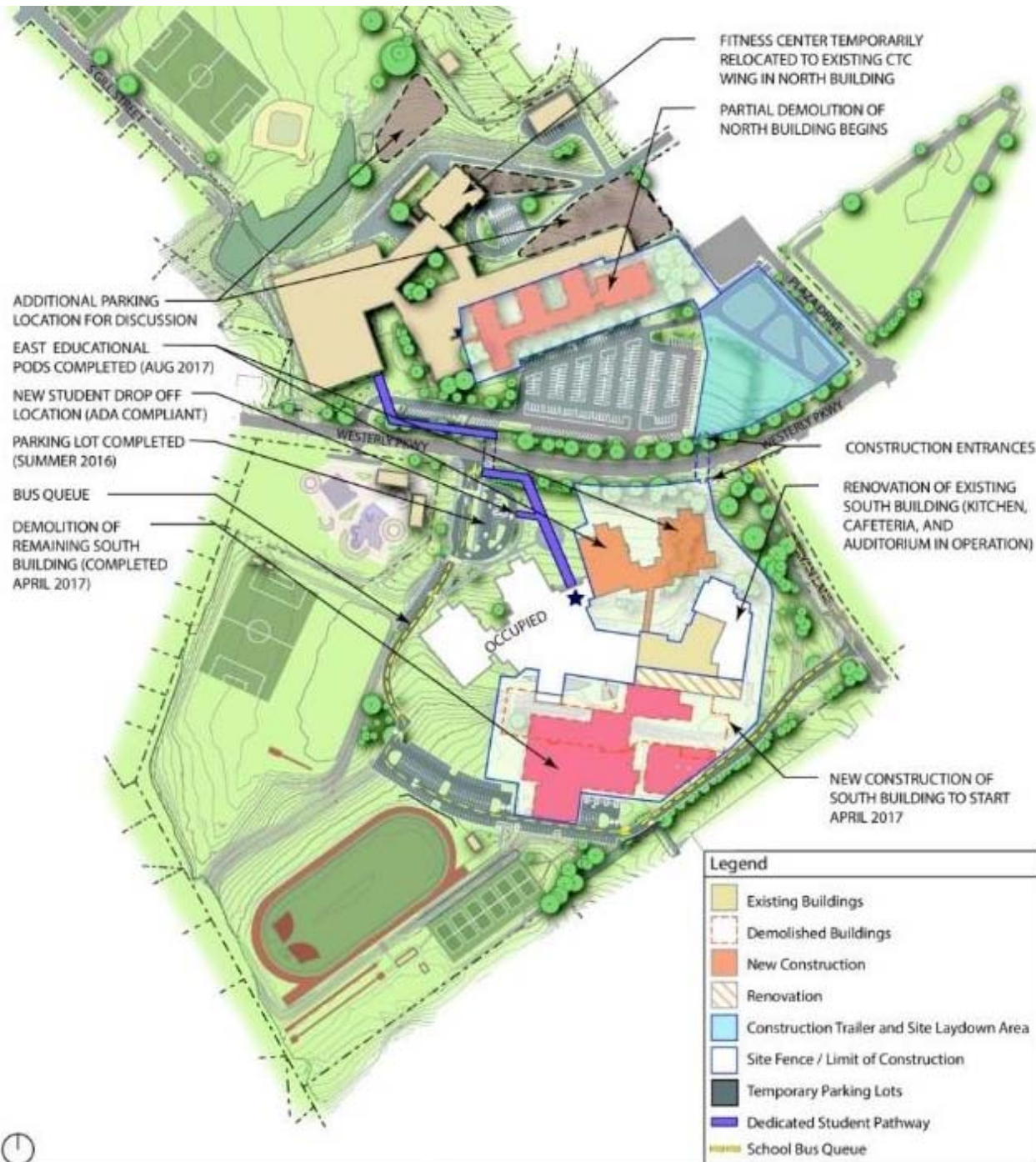
PHASING

Sept 2015 – Jan 2017



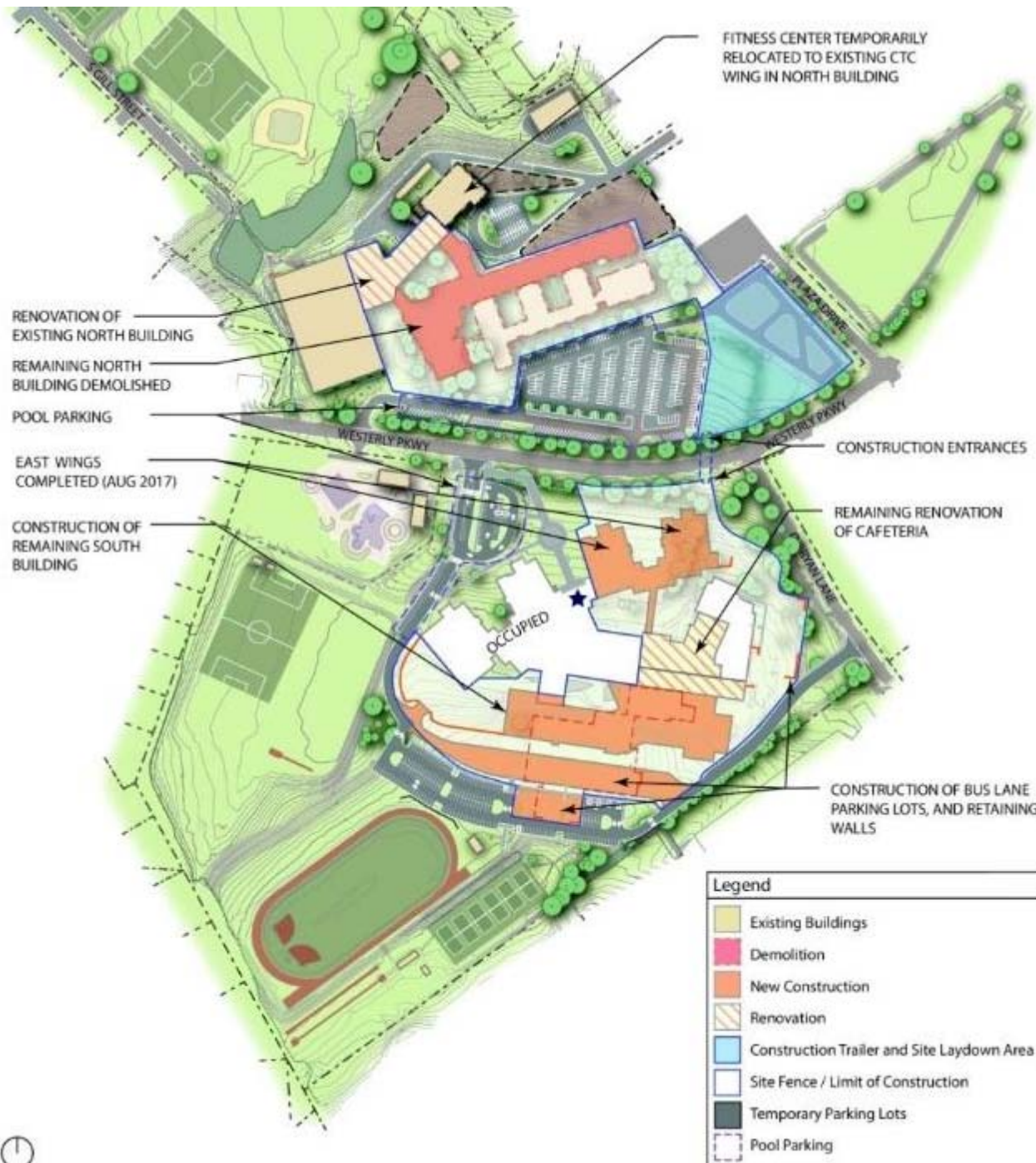
PHASING

Jan 2017 – May 2017



PHASING

June 2017 – Sept 2017



PHASING

Sept 2017 – May 2018



June 2018 – Aug 2018



01 SITE

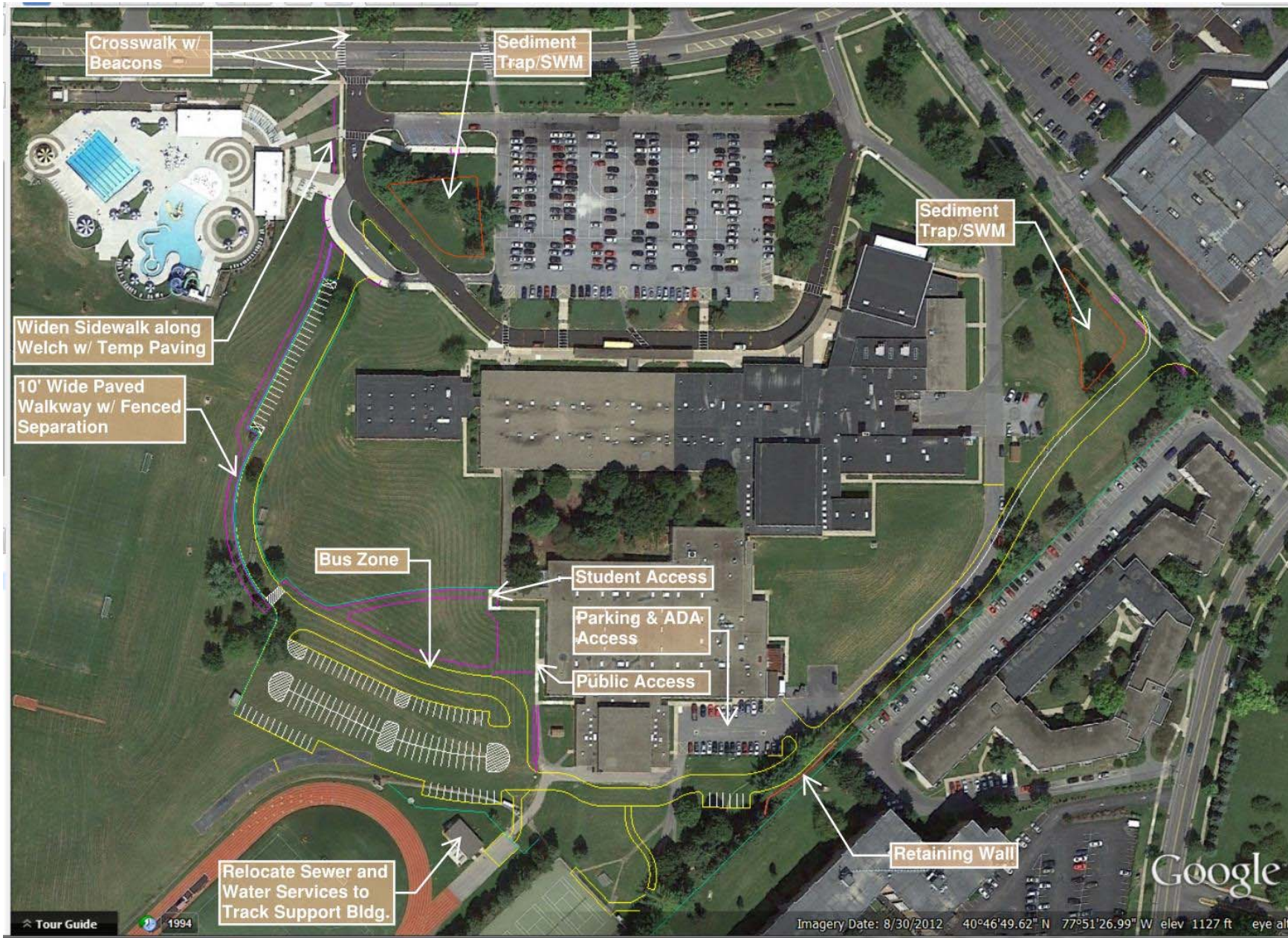
02 BUILDING DESIGN

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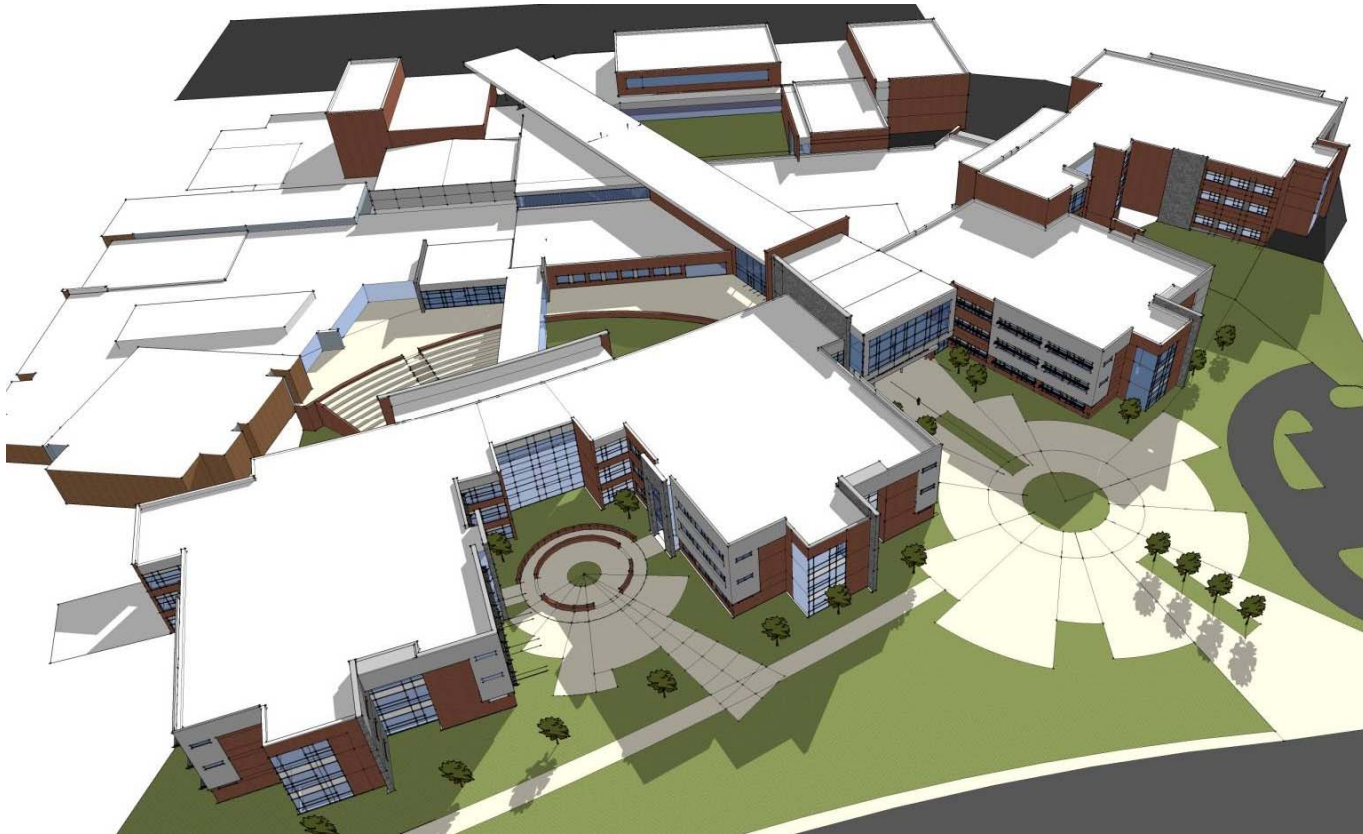
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SUMMER 2015 SITE PROJECT



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Questions?



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