DENNIS AVENUE HEALTH CENTER
COMMUNITY MEETING

May 9, 2012

Guiding Principles

State of the Art Medical Facility

Well functioning

Latest technology

Adaptable and Flexible

Changeable to future program needs, modular in layout and design

Adaptable to changing technologies and systems

Fresh, Healthy, and Bright Environments Inside and Out

Healing gardens with views inside and out

Maximize natural day light and views to nature

Open and inviting while providing appropriate privacy

Good Neighbors in Our Community

Handsome inviting building design and site layout

Ample parking and screened service area

Safe and Secure Environment

Observable site and building circulation sight lines

Adequate parking, path and building lighting

Efficient and Easy to Maintain

Long lasting materials that are easy to maintain

Minimize operations and energy costs

Sustainable technologies and site design

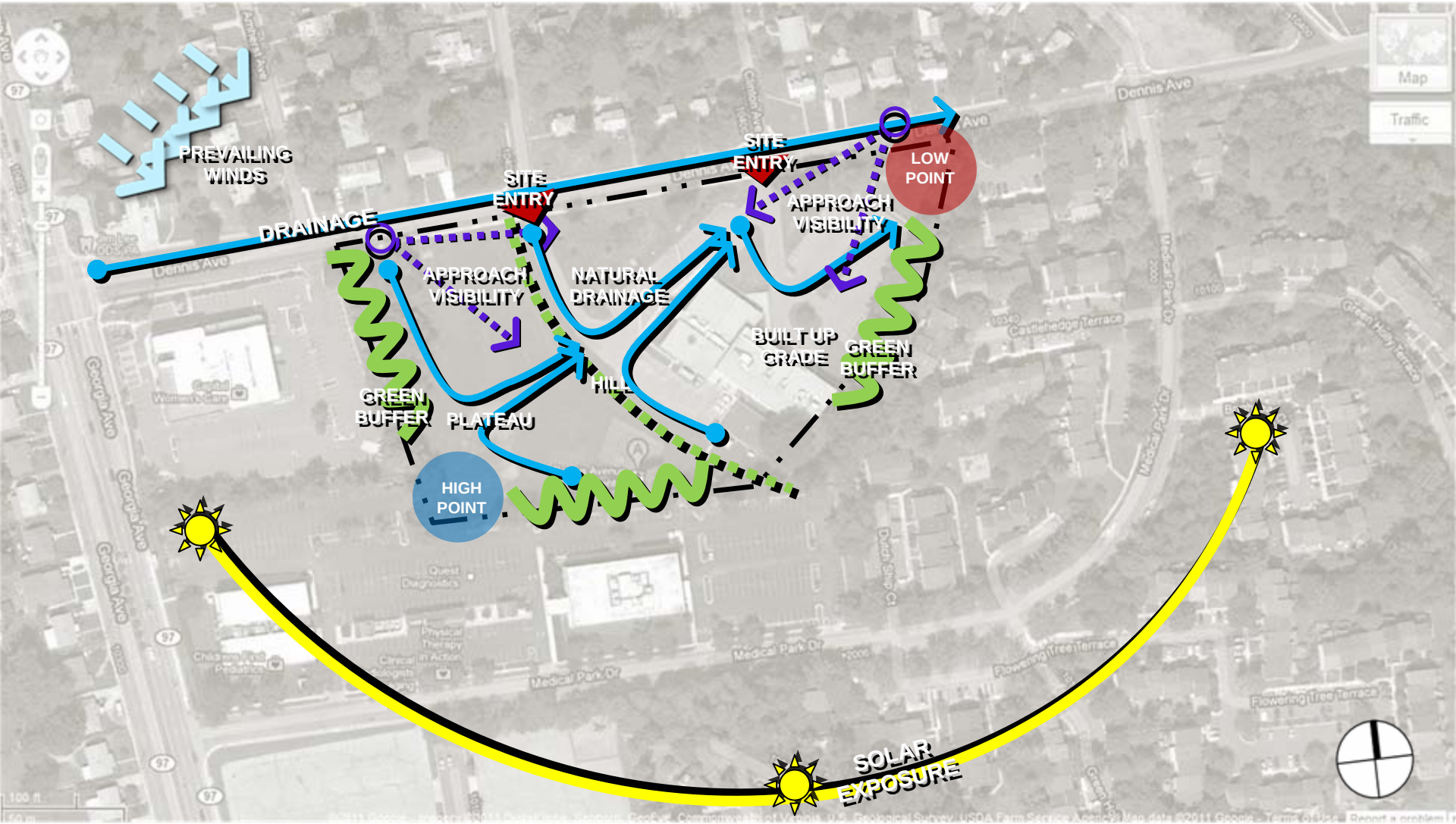
EXISTING SITE

SITE ANALYSIS

Site Analysis Diagram – Regulatory Features

SITE ANALYSIS

Site Analysis Diagram – Natural features

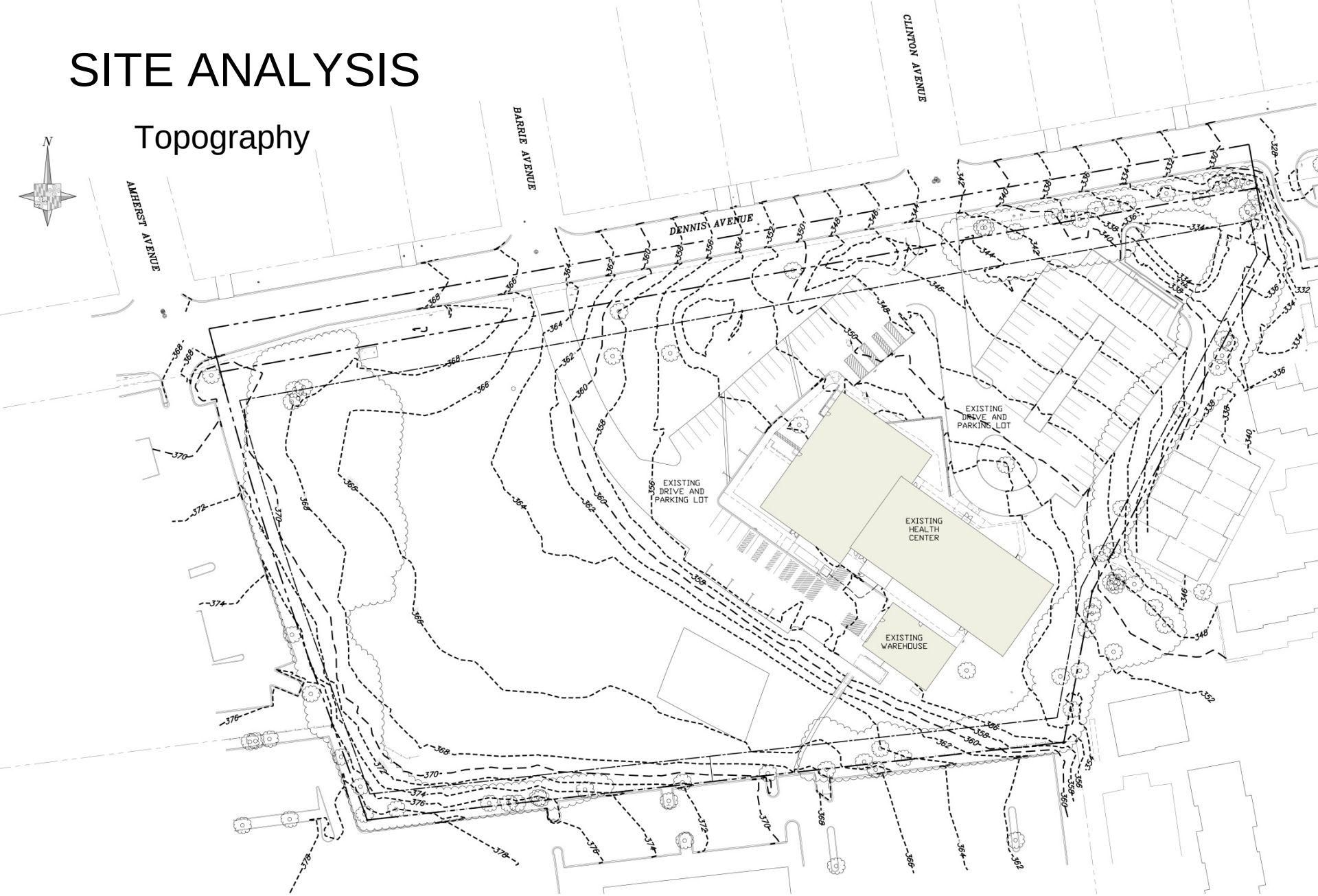


SITE ANALYSIS

Site Analysis Diagram – Development Features

SITE ANALYSIS

Topography



SITE ANALYSIS

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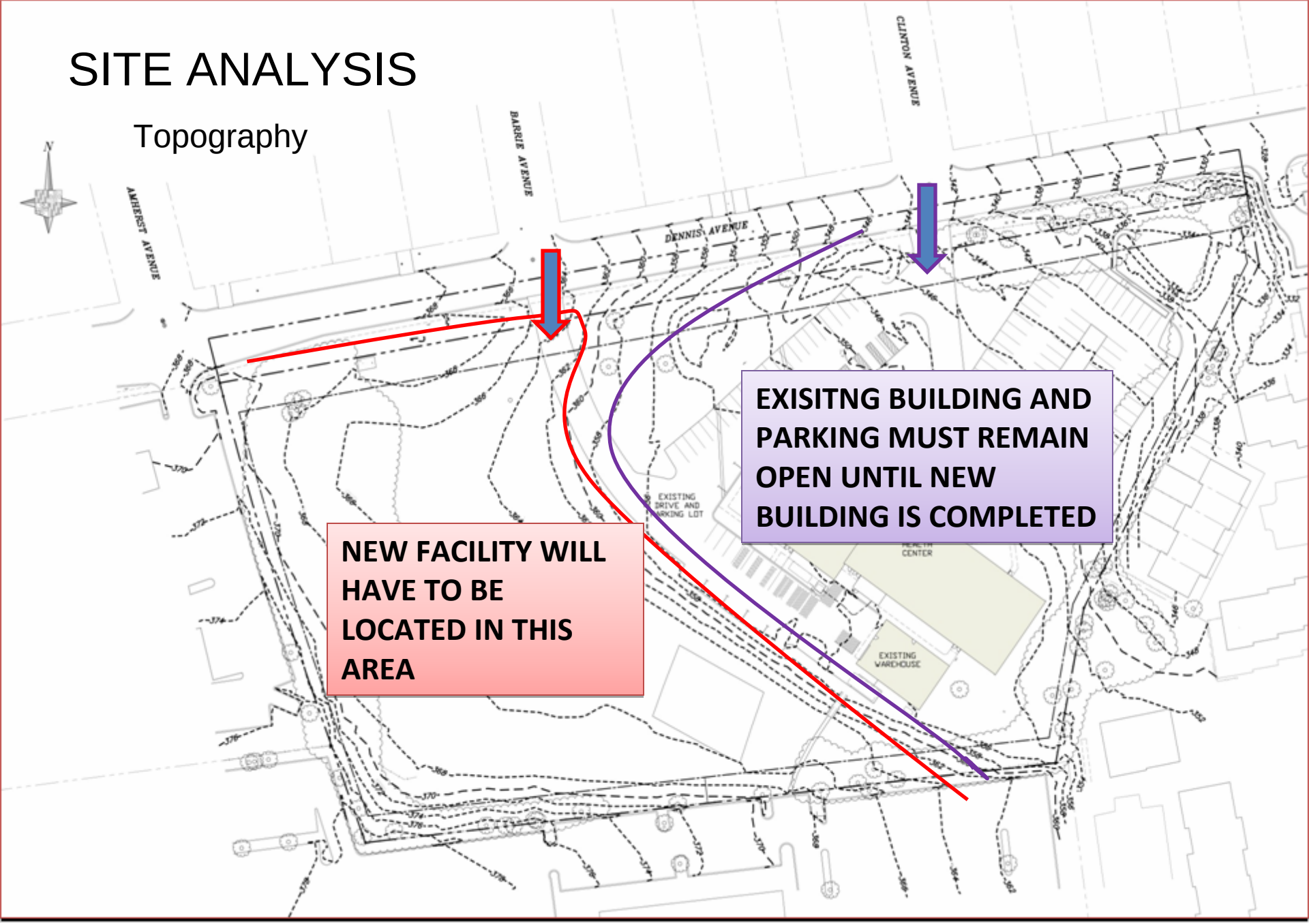
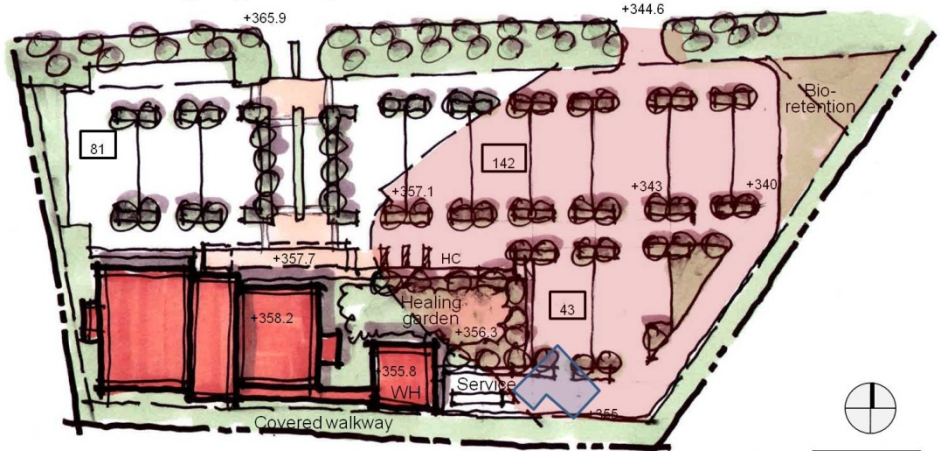
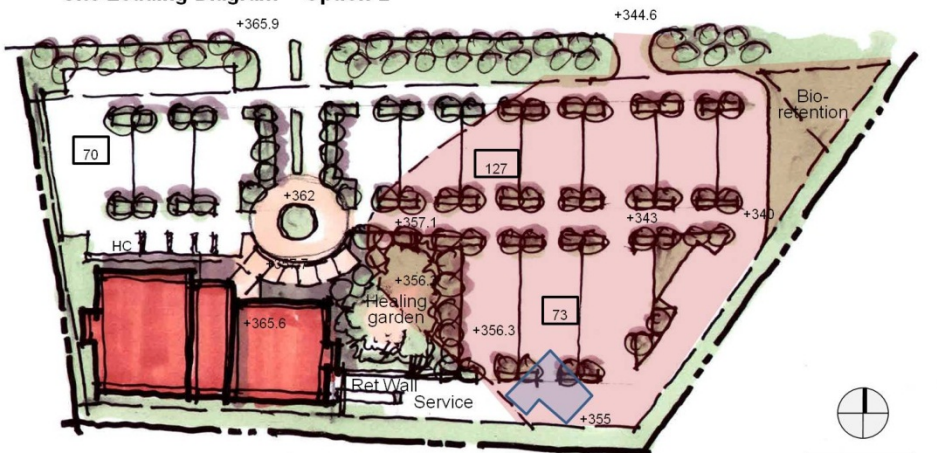


Site Loading Diagrams

Site Loading Diagram – Option 1

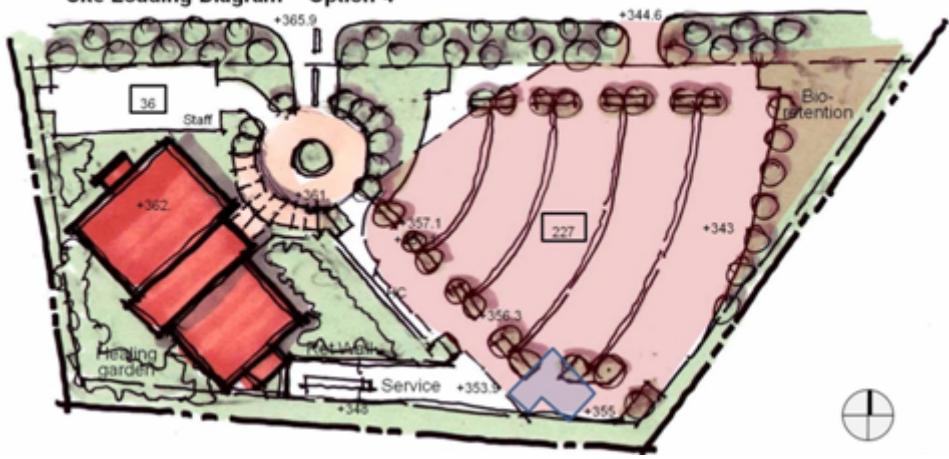


Site Loading Diagram – Option 2

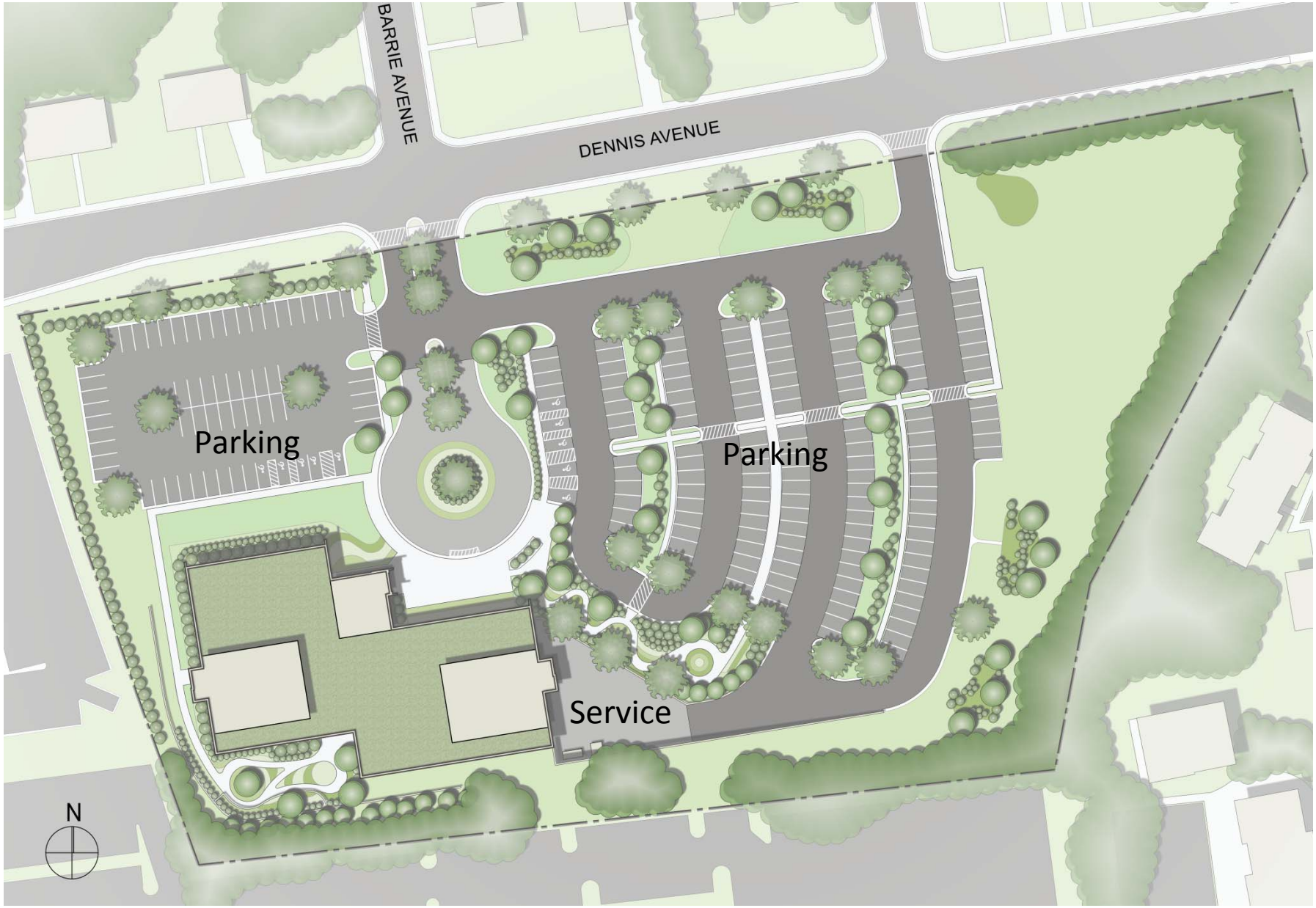


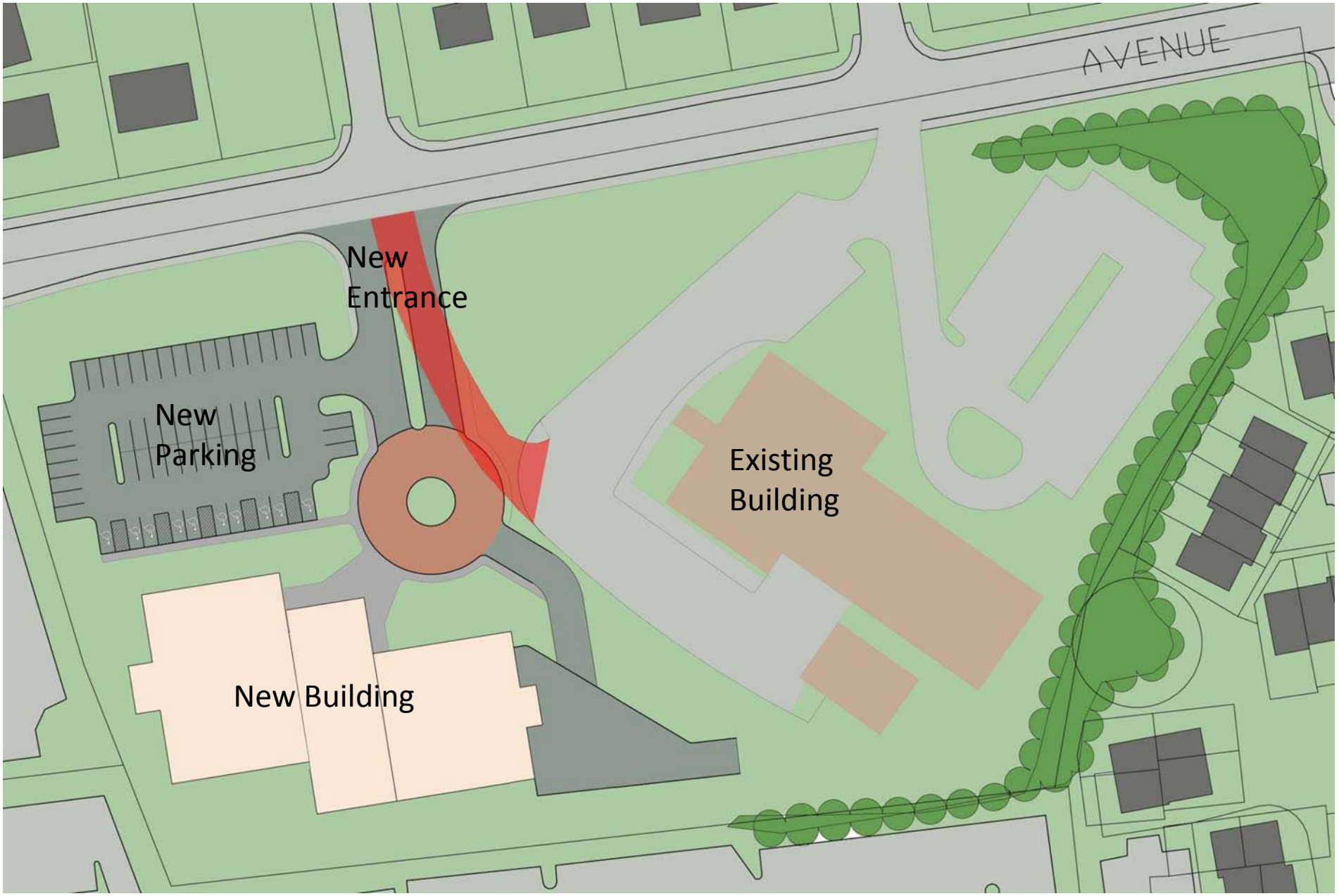
Site Loading Diagram – Option 3

Site Loading Diagram – Option 4



DEVELOPED SITE PLAN




AVENUE
New
Entrance
New
Parking
Existing
Building
New Building

Phase 1

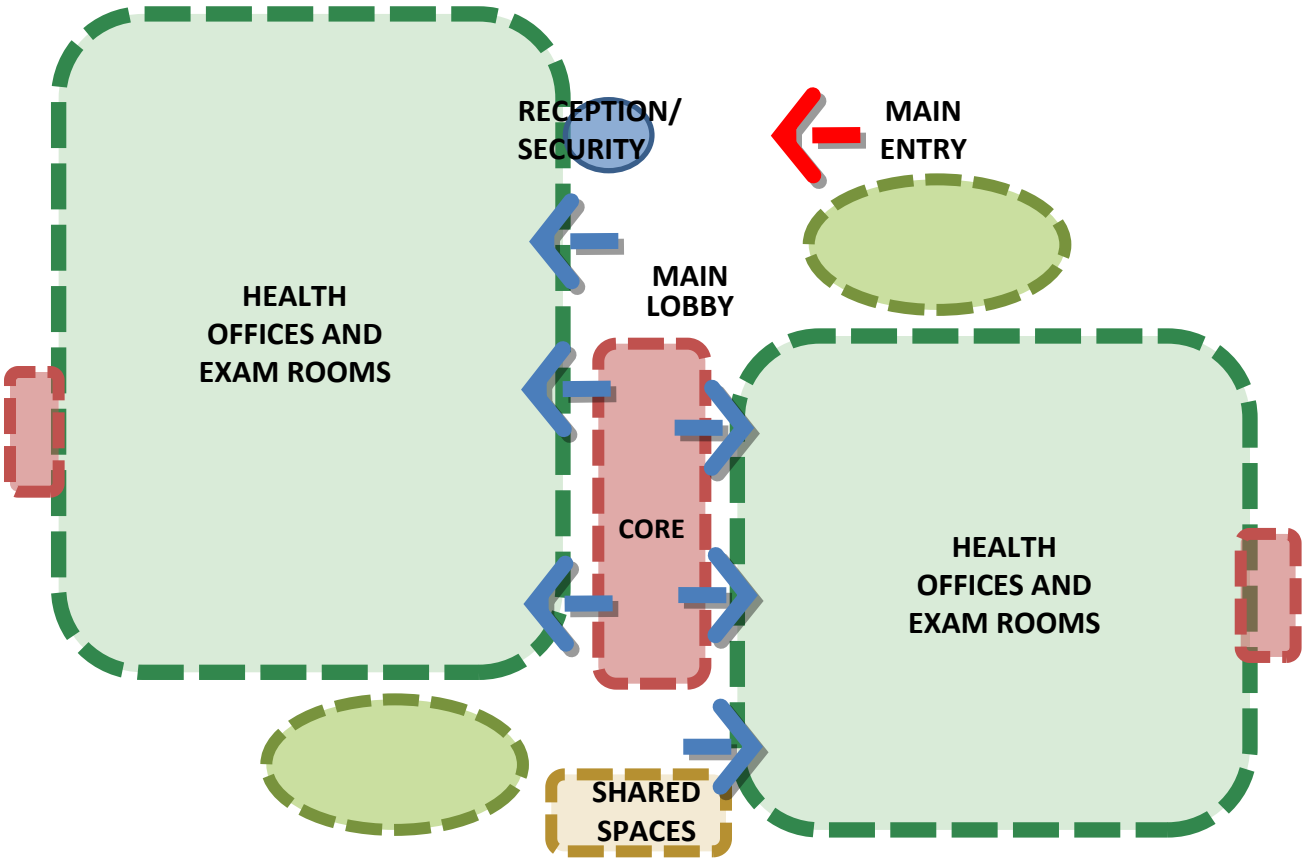
AVENUE
Existing
Parking to
Remain in this
Phase
Demolish
Existing
Building and
Parking

Phase 2

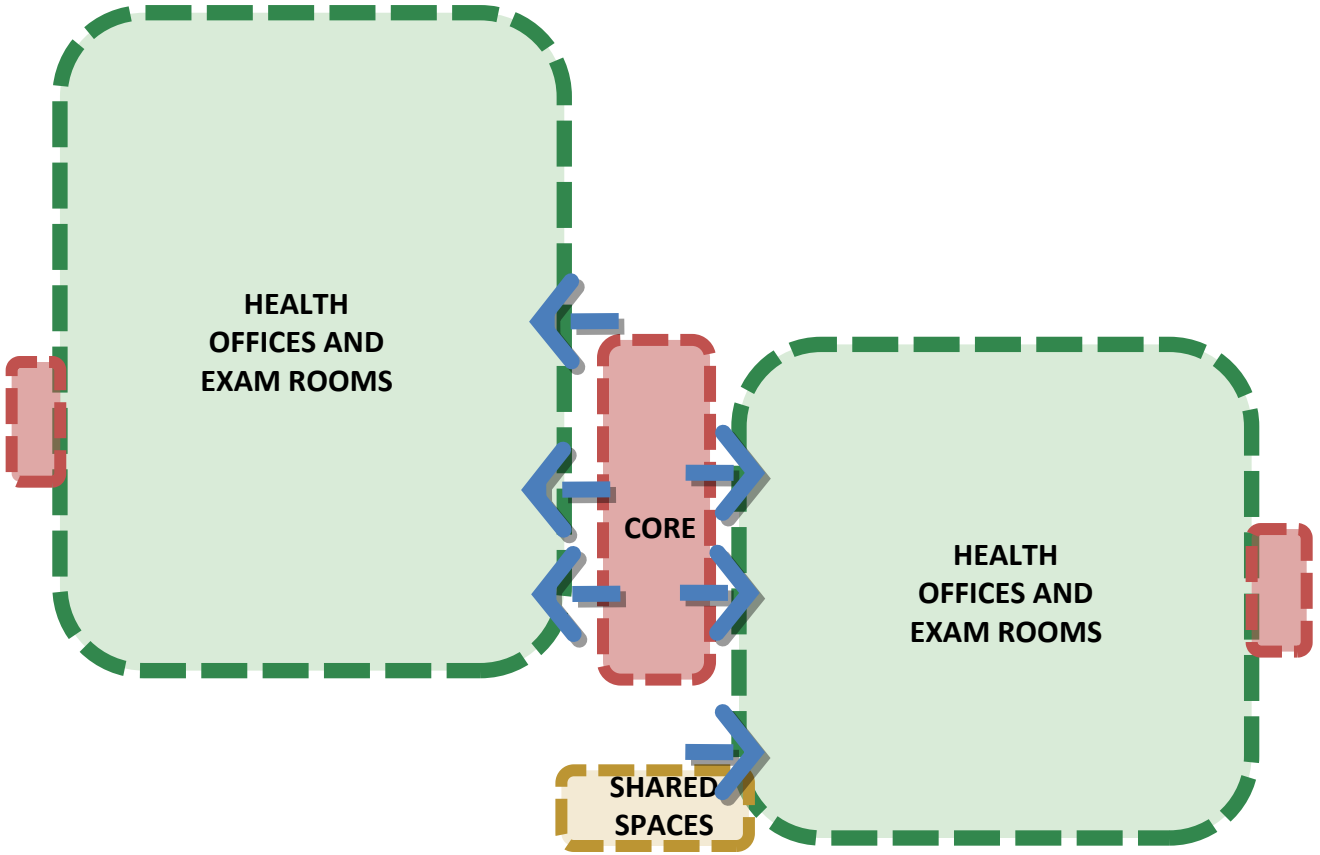
AVENUE
Demolish
Existing Parking
and Complete
New Parking

Phase 3

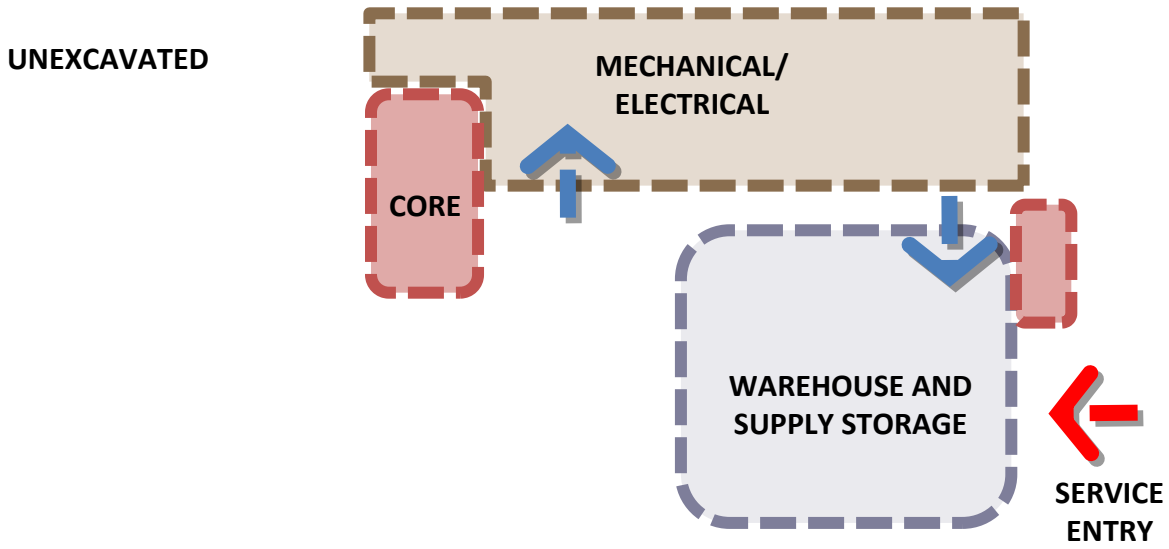
FIRST FLOOR DIAGRAM



SECOND FLOOR DIAGRAM



BASEMENT DIAGRAM



FIRST FLOOR PLAN

DENNIS AVENUE HEALTH CENTER

GRIMM+PARKER / WILMOT SANZ

05/09/2012

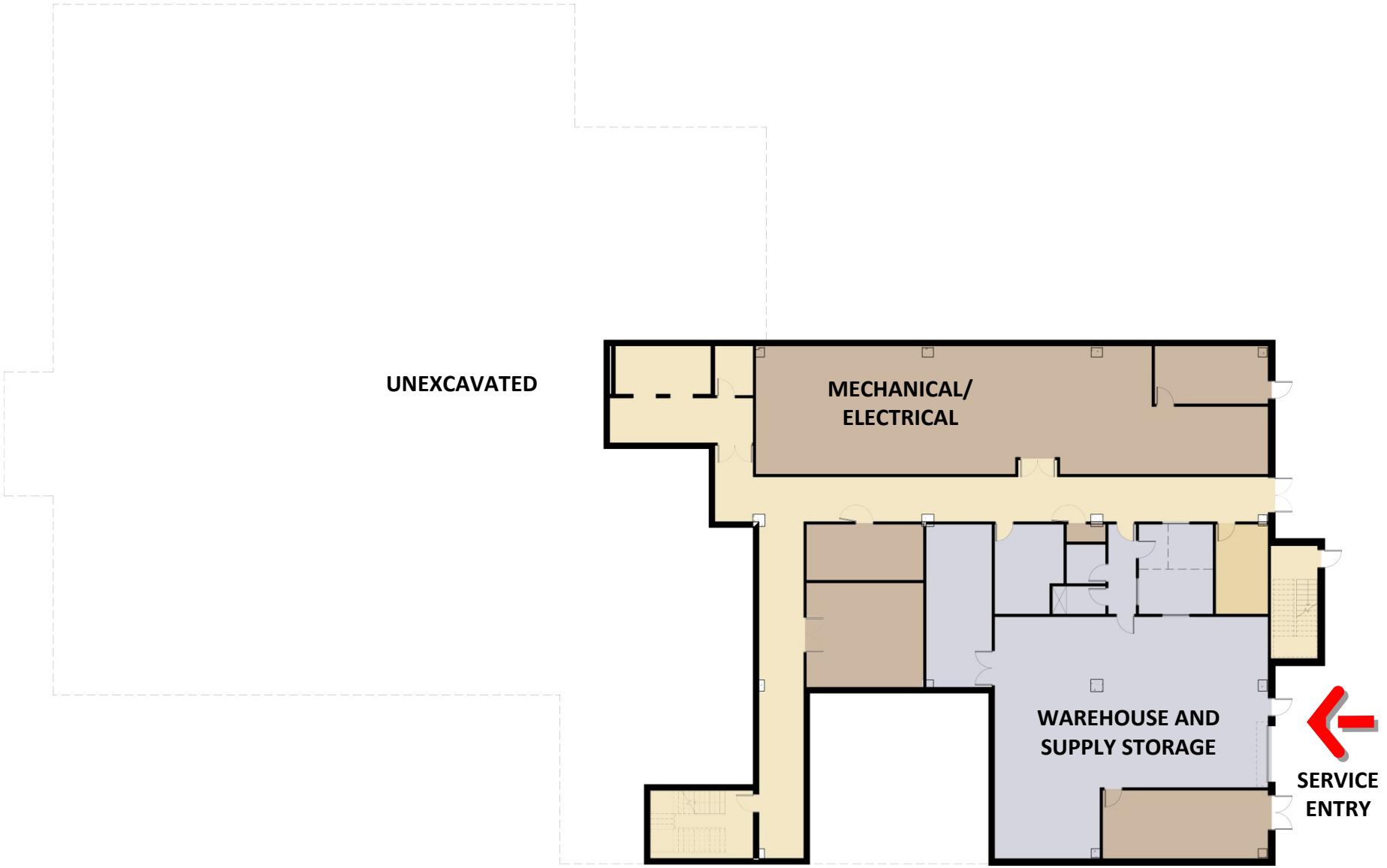
SECOND FLOOR PLAN

DENNIS AVENUE HEALTH CENTER

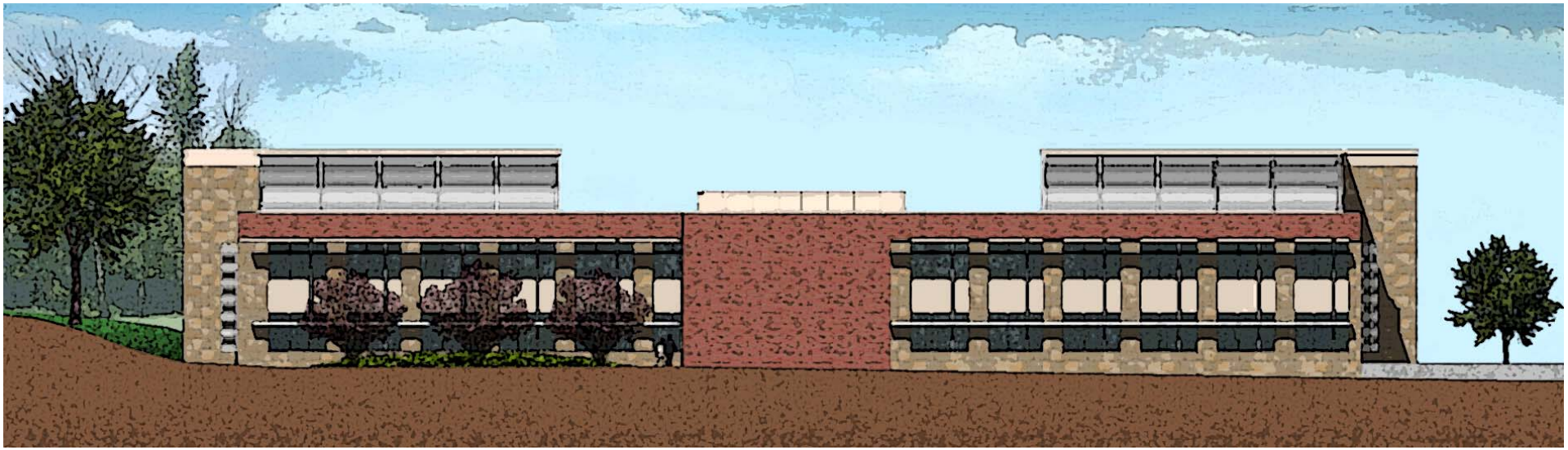
GRIMM+PARKER / WILMOT SANZ

05/09/2012

BASEMENT FLOOR PLAN



North Elevation



South Elevation

West Elevation

East Elevation

North Elevation

South Elevation

West Elevation

East Elevation

DENNIS AVENUE HEALTH CENTER

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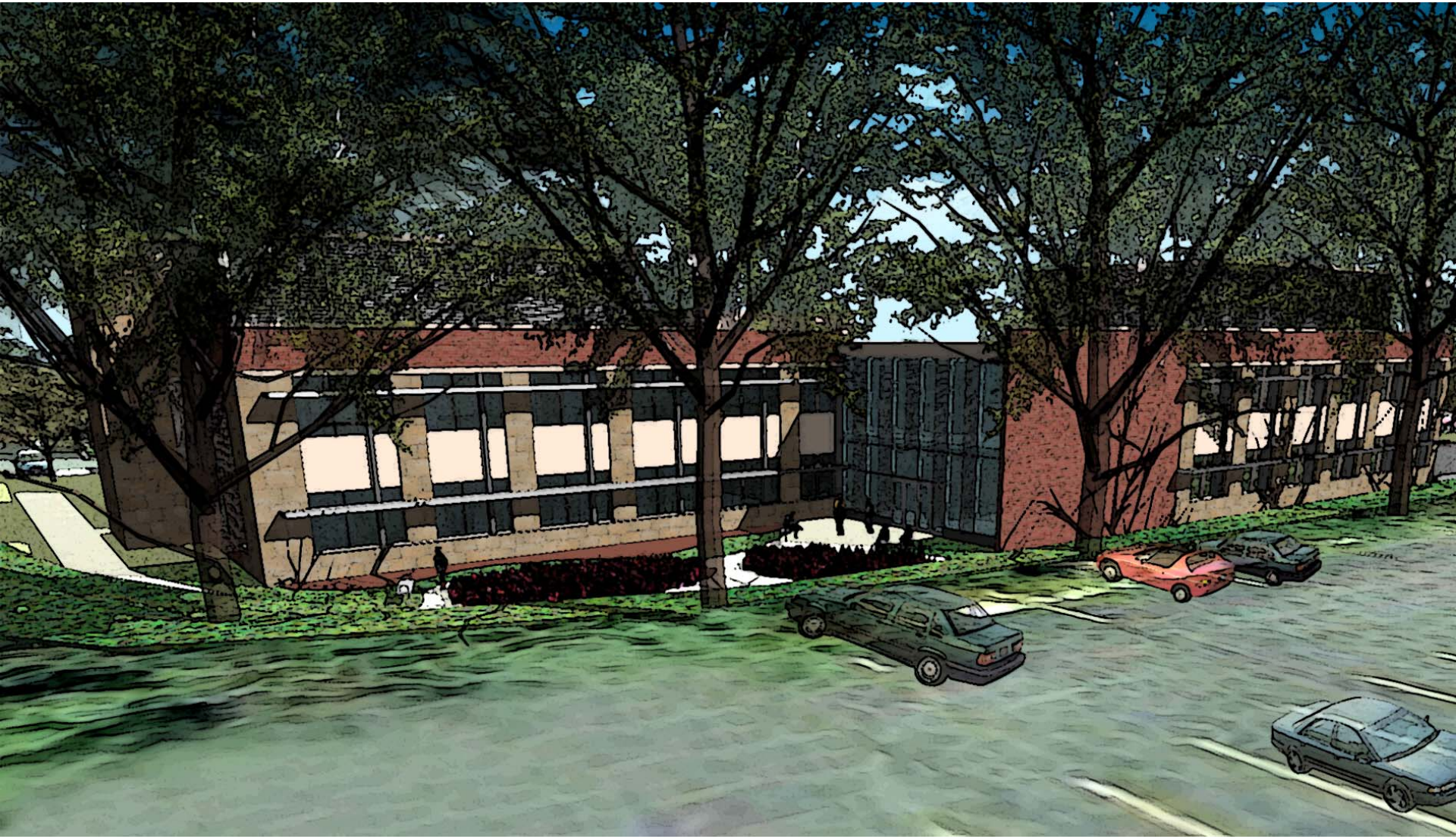

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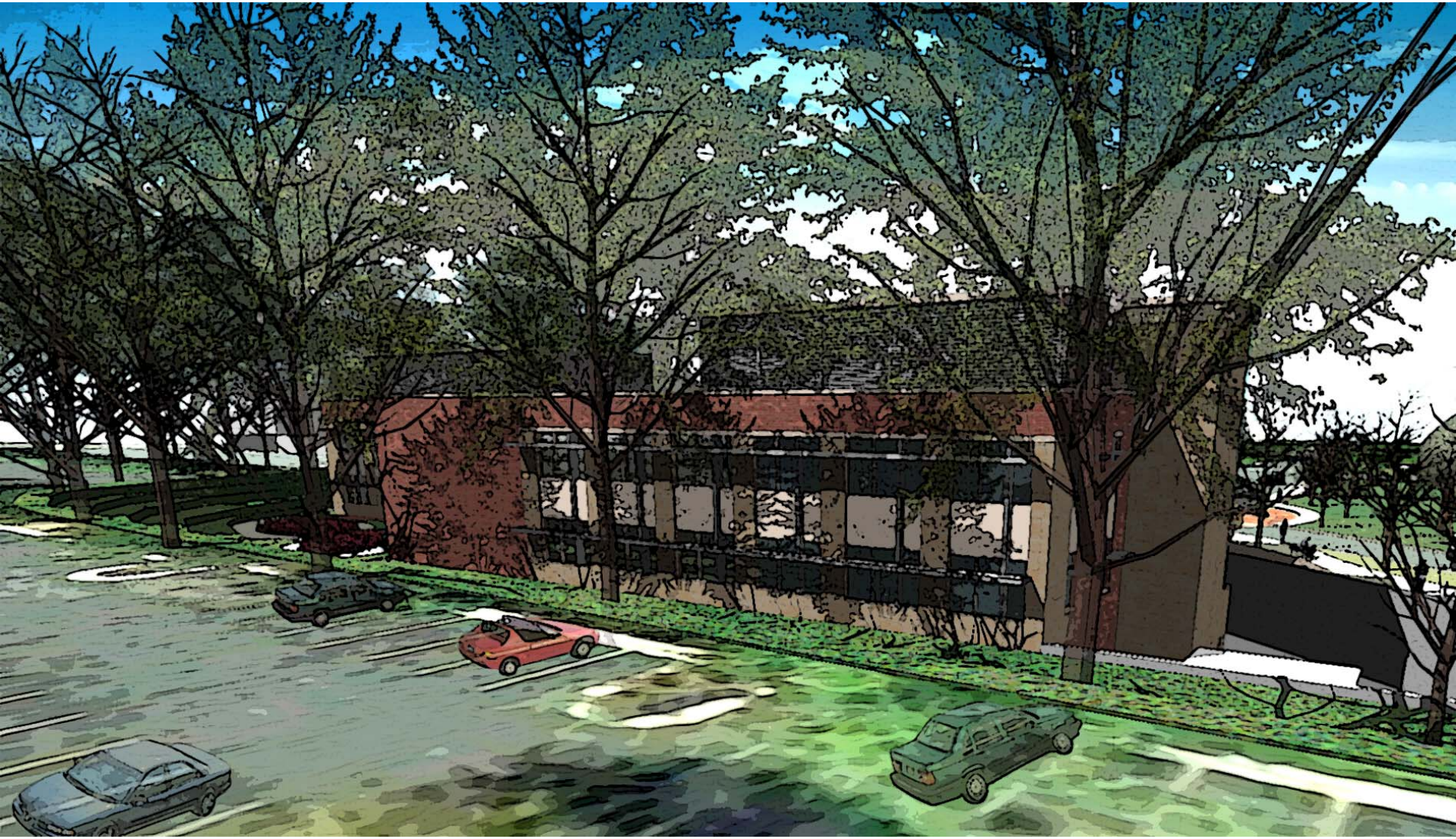

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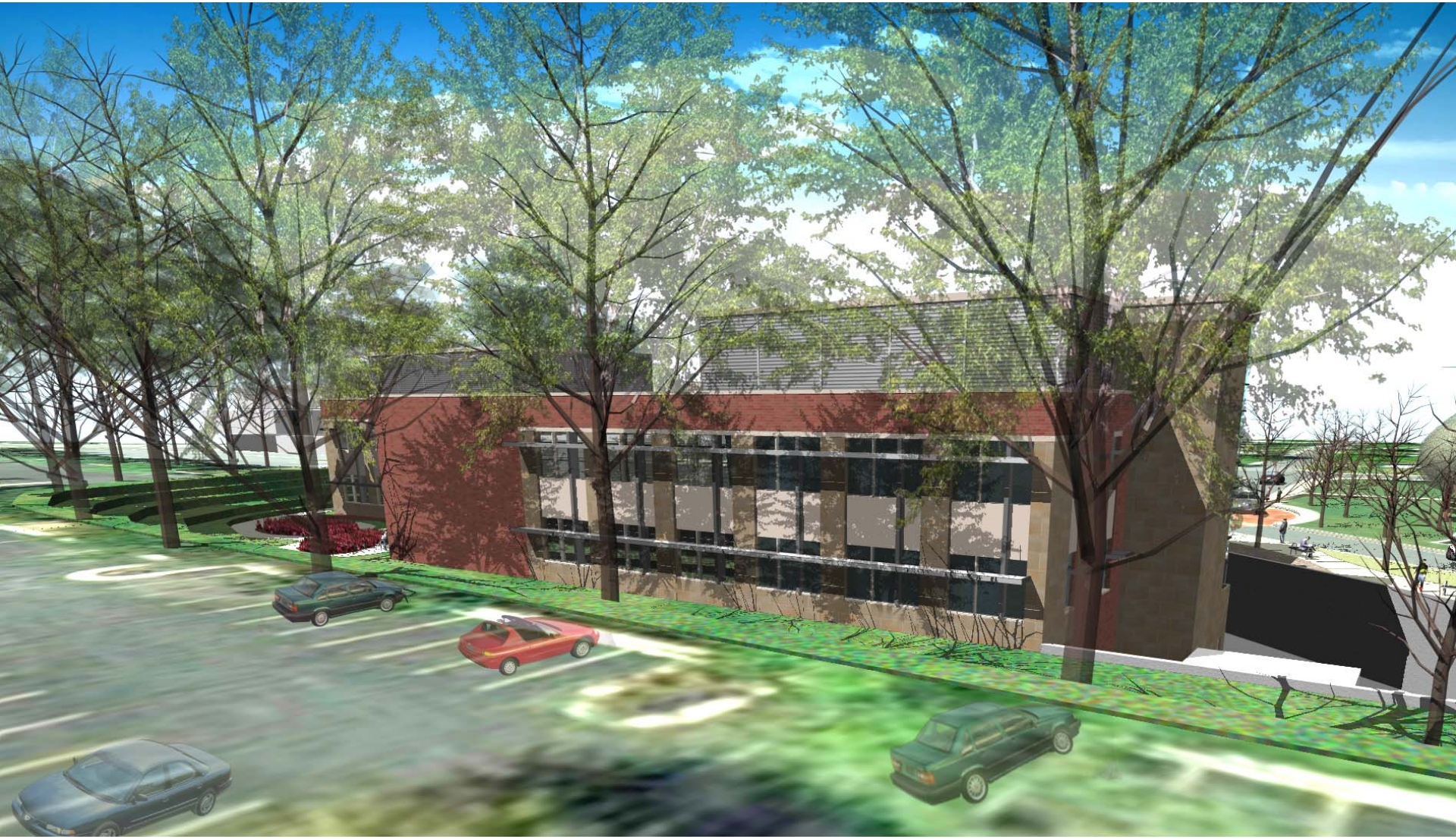

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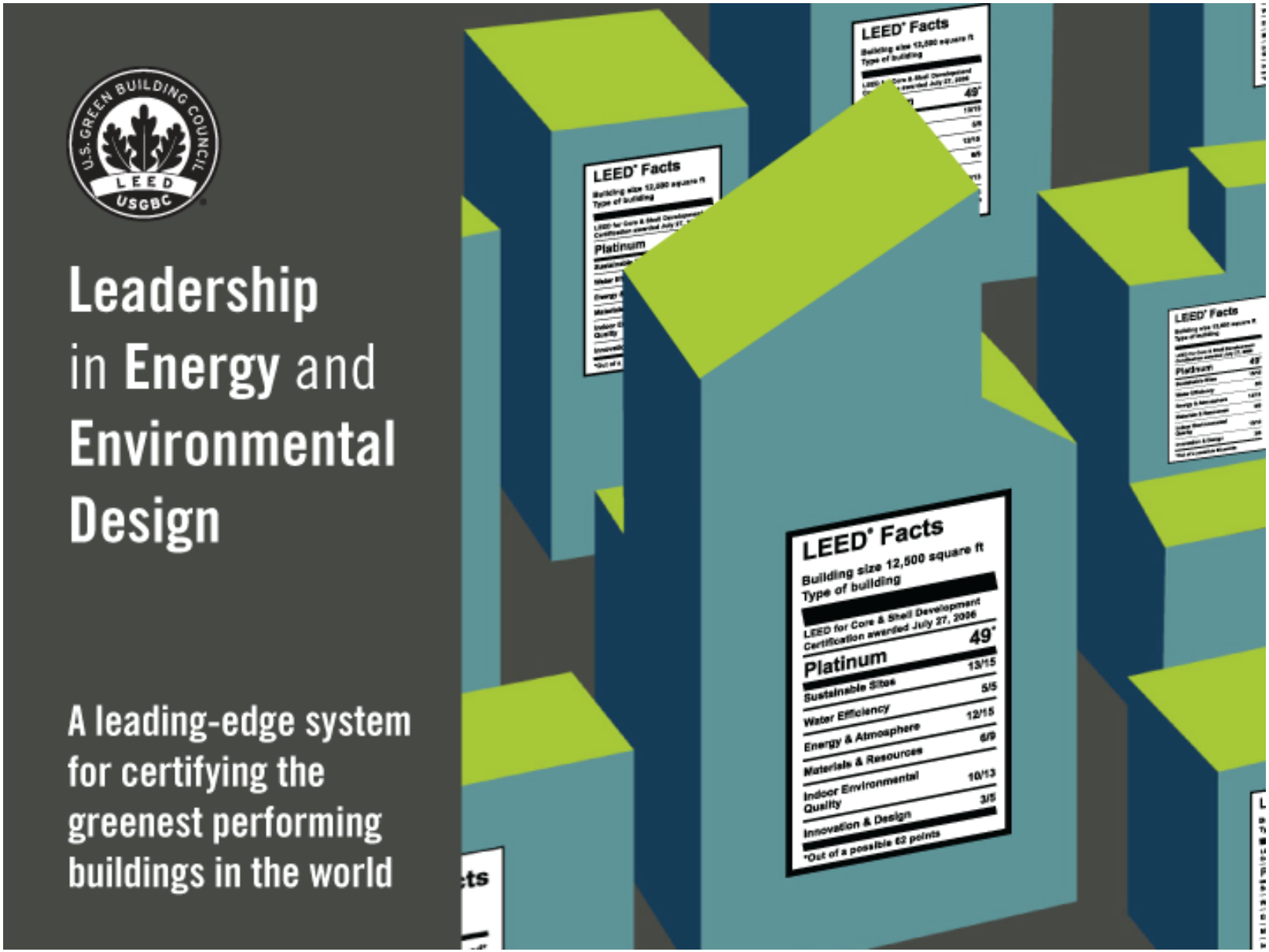
WHAT IS A GREEN BUILDING?


U.S. GREEN BUILDING COUNCIL
LEED
USGBC
Leadership
in Energy and
Environmental
Design
A leading-edge system
for certifying the
greenest performing
buildings in the world
LEED® Facts
Building size 12,500 square ft
Type of building
LEED for Core & Shell Development
Certification awarded July 27, 2006
49*
Platinum
Sustainable Sites 13/15
Water Efficiency 5/5
Energy & Atmosphere 12/15
Materials & Resources 6/9
Indoor Environmental Quality 10/13
Innovation & Design 3/5
*Out of a possible 82 points

Steps to LEED Certification

REGISTER YOUR PROJECT

TRACK PROGRESS & DOCUMENT ACHIEVEMENT

APPLY FOR CERTIFICATION

USGBC Has Four Levels of LEED

40-49 50-59 60-79 80+

STRATEGIES FOR ENVIRONMENTALLY-SENSITIVE SITE AND BUILDING DESIGN

Dennis Avenue Health Center

LEED-NC v2009 – Silver Goal

Sustainable Sites	26
Water Efficiency	10
Energy and Atmosphere	35
Materials and Resources	14
Indoor Environmental Quality	15
Innovation & Design	6
Regional Priority	4

- Pervious paving may be used in parking spaces
- Proximity to public transportation
- Energy Star roof system
- Vegetative roof (planted)

- Low-flow, sensored plumbing fixtures to conserve water
- Native, drought-resistant plants that require no irrigation

- Compact footprint, two-story building
- Localized, environmentally-sensitive stormwater management facilities (biofilters, raingardens)
- Two healing gardens

- Energy-efficient mechanical system
- Tight building envelope, high performance glass
- Commissioning of systems during design and constr.

- Manage and recycle construction waste
- Specify local materials with high recycled content

- Specify low-emitting materials
- Large windows for natural daylight and views to exterior site

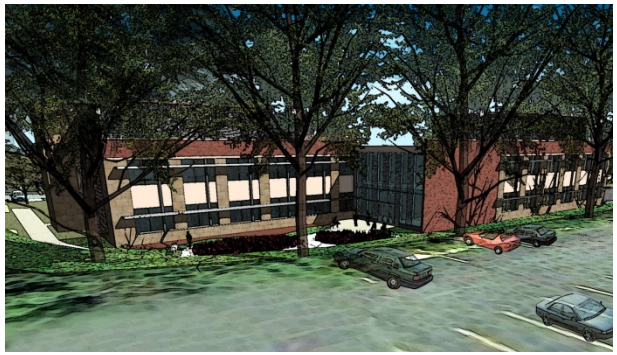
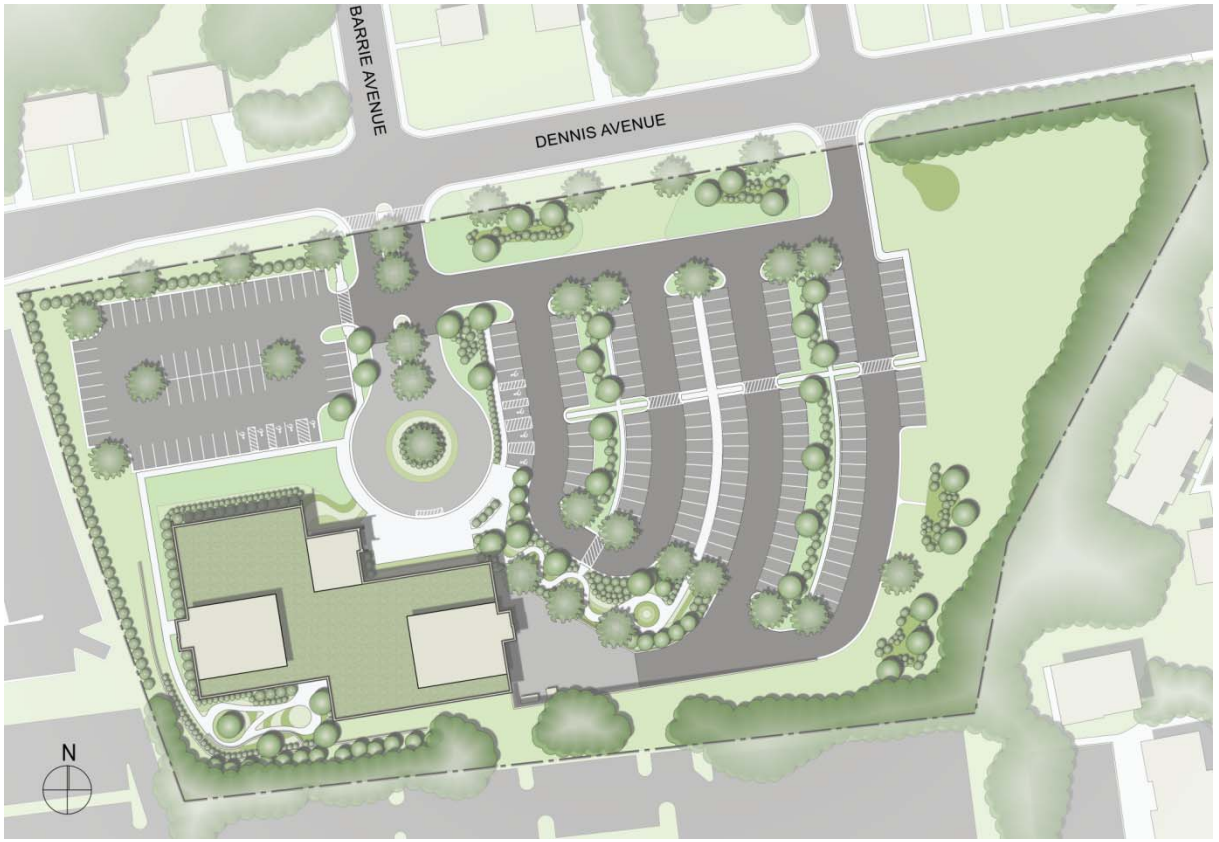
- Building as an Environmental Education Tool
- Consideration for green landscape and pest management

WHEN WILL THIS ALL HAPPEN?

Construction start anticipated: Beginning of 2014

New building complete: Summer of 2015

Demolition of existing buildings: Beginning of 2016

Completion of Parking and Site work: Late Spring 2016

QUESTIONS?