designing for a green future

New Centers for Ambulatory Care and Polytrauma Rehabilitation

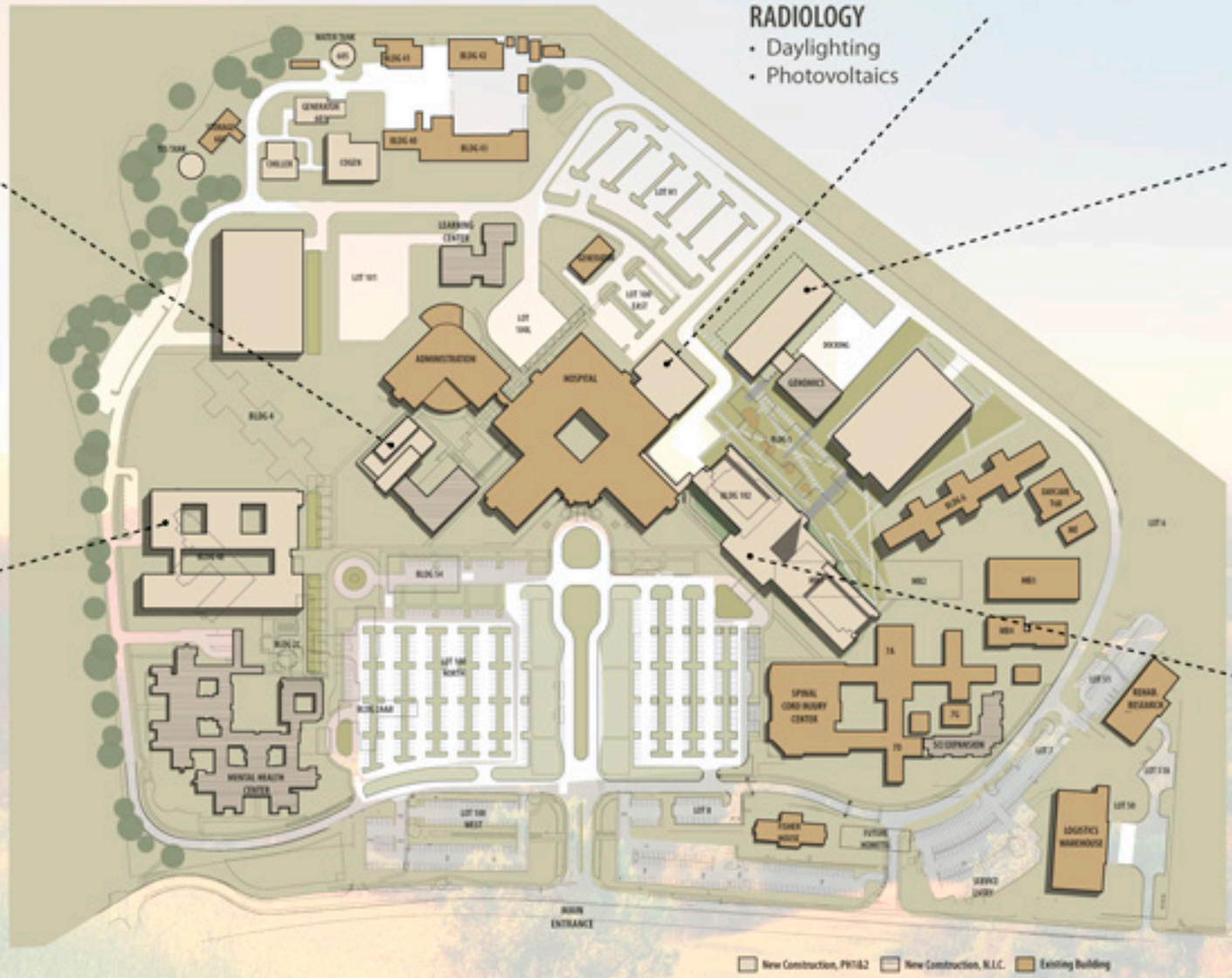
Phase 1 - LEED Silver Equivalency
Phase 2 - LEED Silver Certification

Phase 2

RADIOLOGY
- Daylighting
- Photovoltaics

Phase 2

RECREATION SERVICES
- Green Roof
- Daylighting
- Photovoltaics



Phase 2

RESEARCH CENTER & VIVARIUM
- Green Roof
- Daylighting

Phase 1

REHABILITATION CENTER
- Green Roof
- Daylighting
- Photovoltaics
- Operable Windows
- Courtyards

Phase 2

AMBULATORY CARE CENTER
- Daylighting
- Photovoltaics

SMITHGROUP
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energy efficiency

COGENERATION ***saves $300,000*** in annual energy costs compared to grid based energy.

PHOTOVOLTAICS ***provide 480,000 kwh/year*** of energy and ***saves $75,000*** in energy costs annually.

HIGH PERFORMANCE GLAZING ***saves 345,000 kwh/year*** and ***$40,000 per year*** over conventional windows.

ENERGY EFFICIENT LIGHTING will save ***700,000 kwh/year***, enough energy to ***light 120 homes*** in California.

water efficiency

WATER EFFICIENT PLUMBING FIXTURES

save 1.6 million gallons of water per year over conventional fixtures.

LOW WATER USE LANDSCAPING

saves 936,000 gallons of water per typical summer month over traditional landscaping.

designing with climate

DAYLIGHTING ***75% of occupied spaces*** have access to daylight.

VIEWS ***90% of all occupied spaces*** have exterior views.

GREEN ROOFS reduce heat island effect, provide views, retain and treat rainwater.

OPERABLE WINDOWS provide natural ventilation to occupants.

BIOSWALES capture and treat stormwater.

COOL ROOFS reduce heat island effect.

materials and resources

STRUCTURAL STEEL will have ***90-95% recycled content***.

CONSTRUCTION WASTE a minimum of ***75% will be diverted*** from landfill.

LOW VOC AND GREENSEAL-RATED paints and coatings.

GREEN LABEL-CERTIFIED carpeting.

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