



CASE STUDY

CANCER INSTITUTE RADIOTHERAPY

KEY FACTS

PROJECT NAME
Cancer Institute

LOCATION
Northwestern USA

SUNBELT FACILITY
Whitley Manufacturing, A Sunbelt Company

PROJECT TYPE
Radiotherapy Clinic

BUILDING SIZE
4,000 sq. ft.

UNITS
6 Modular buildings; clinical space + vault

A Cancer Institute had a need to rapidly add a community based radiotherapy cancer treatment center. The building needed to be completed on an accelerated time line, include a state-of-the-art TomoTherapy® Hi-Art radiation treatment system, and conform to USGBCLEED certification criteria for sustainability.

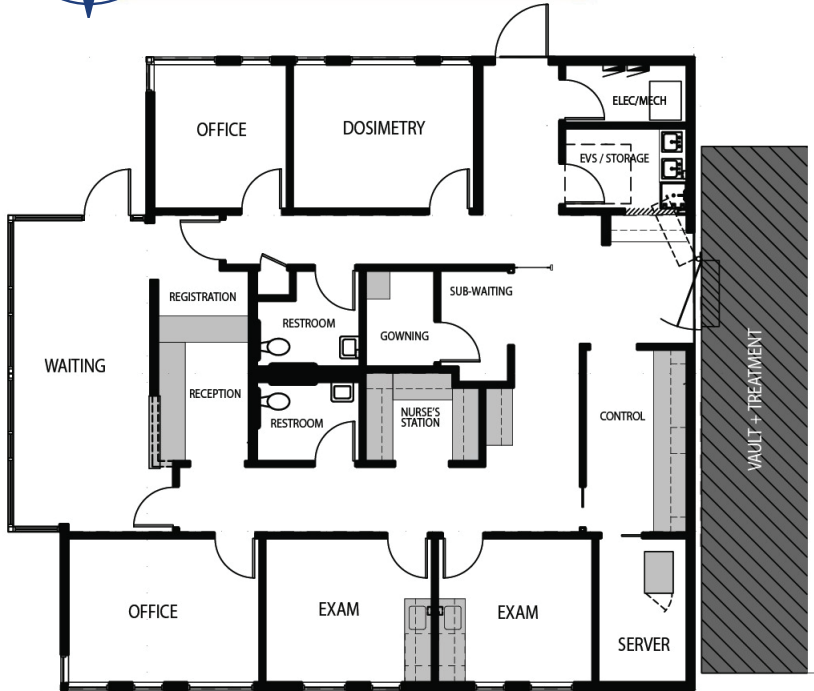
A Sunbelt Modular dealer selected Whitley Manufacturing to provide their patented factory fabricated radiotherapy treatment vault & clinic system.

The system, constructed by Whitley, was able to deliver a facility that is compliant with LEED criteria while concurrently meeting stringent health and equipment standards within the facility.

The building features an efficient envelope clad with a Swiss Pearl rain screen system and high-recycled content steel framing. Efficient mechanical systems include a Variable Refrigerant Flow (VRF) HVAC system. An inviting canopy with warm, organic clear cedar decking welcomes patients into the clinic.



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BUILDING FLOOR PLAN HIGHLIGHTS

- TomoTherapy® Hi-Art radiation treatment system
- Factory-fabricated radiotherapy vault system
- Swiss Pearl ventilated rain screen with recycled materials
- 72% recycled steel framing
- VRF HVAC system with 25% greater efficiency
- Canopy entrance with clear cedar decking

KEY ACHIEVEMENTS

First LEED-certified radiation treatment center

80,000 lbs of concrete saved with modular vault system

Reduced material waste compared to traditional builds

Accelerated project delivery with full clinical integration



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