



# CASE STUDY

*“With assistance from RAD, we found a way to blend our need for leading edge technology, accelerated project delivery, and our commitment to the community and environment in one package.”*

*Jim Yates*

*Administrative Director of the Swedish Cancer Institute*

## SWEDISH CANCER INSTITUTE RADIOTHERAPY

Swedish Cancer Institute (SCI) 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 USGBC LEED certification criteria for sustainability.

RAD Technology Medical Systems selected Whitley Manufacturing to provide their patented factory fabricated radiotherapy treatment vault & clinic system.

The RAD 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 rainscreen 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 welcome patients into the clinic.

### KEY ACHIEVEMENTS

*First LEED Certified radiation center*

*80,000 Pounds of concrete saved from the vault system*

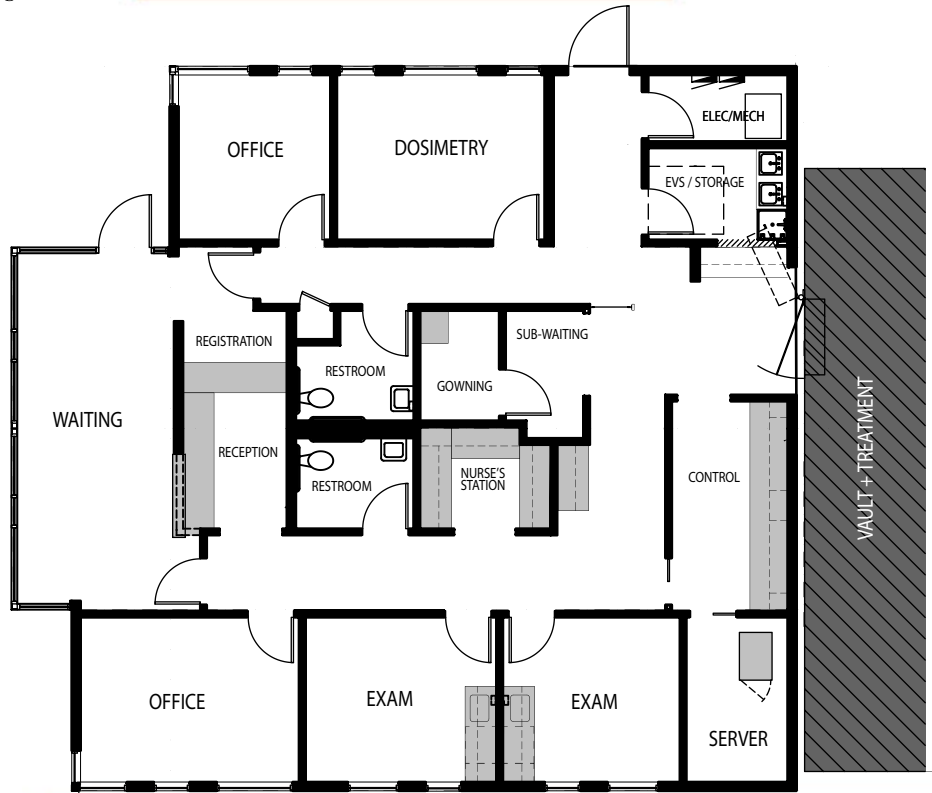
*25% More efficient HVAC system*

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*100% Recycled materials used for ventilated rain screen*

*Steel framing consists of 72% recycled materials*

# Swedish Cancer Institute Radiotherapy



## KEY FACTS

**PROJECT NAME**  
SWEDISH CANCER INSTITUTE

**LOCATION**  
BALLARD, WA

**PARTNERS**  
RAD TECHNOLOGY MEDICAL SYSTEMS  
PERKINS + WILL

**PROJECT TYPE**  
RADIO THERAPY CLINIC

**BUILDING SIZE:**  
4,000 SQ. FT.

**UNITS:**  
6 MODULES; CLINICAL SPACE + VAULT

