



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

KEY ACHIEVEMENTS

First LEED Certified radiation center

80,000 Pounds of concrete saved from the vault system

25% More efficient HVAC system

Less material waste than traditional on-site construction

100% Recycled materials used for ventilated rain screen

Steel framing consists of 72% recycled materials

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.

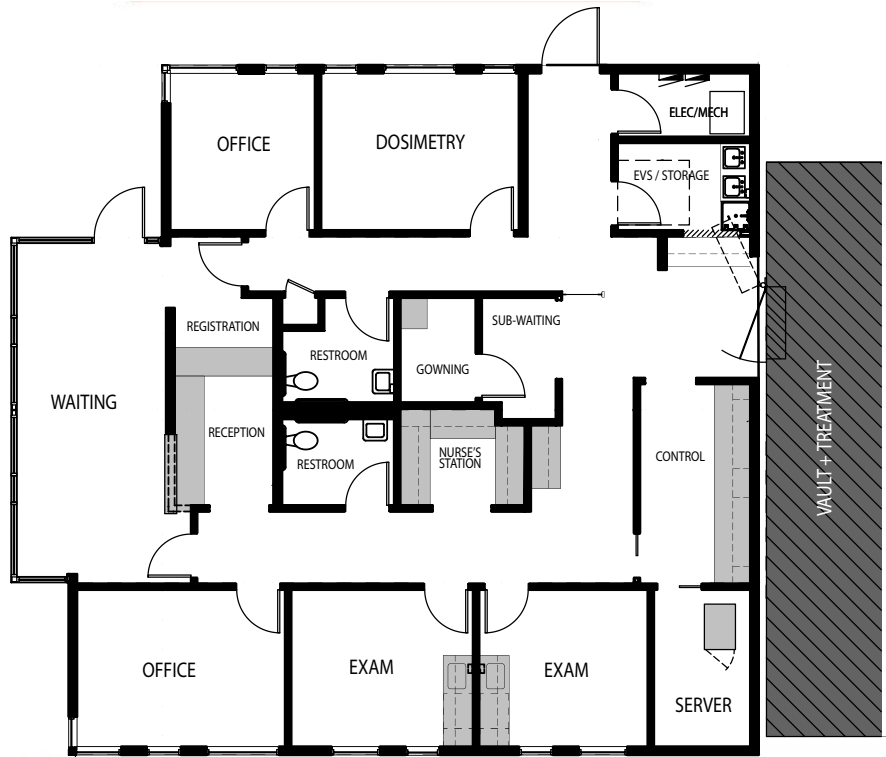
RAD Technology Medical Systems selected Whitley Manufacturing to provide their patented factory fabricated radiotherapy treatment vault & clinic system.

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 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 welcome patients into the clinic.



Swedish Cancer Institute Radiotherapy



Exterior Facade



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



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