



Veterinary Imaging and Cancer Treatment Center

Texas A&M University
College Station, TX

Entire Project
Firm was/is responsible

4.5 Million
Engineering Services
MEP / HVAC
Hermes Architects
Todd Arenz, AIA
(713) 785-3644
2009

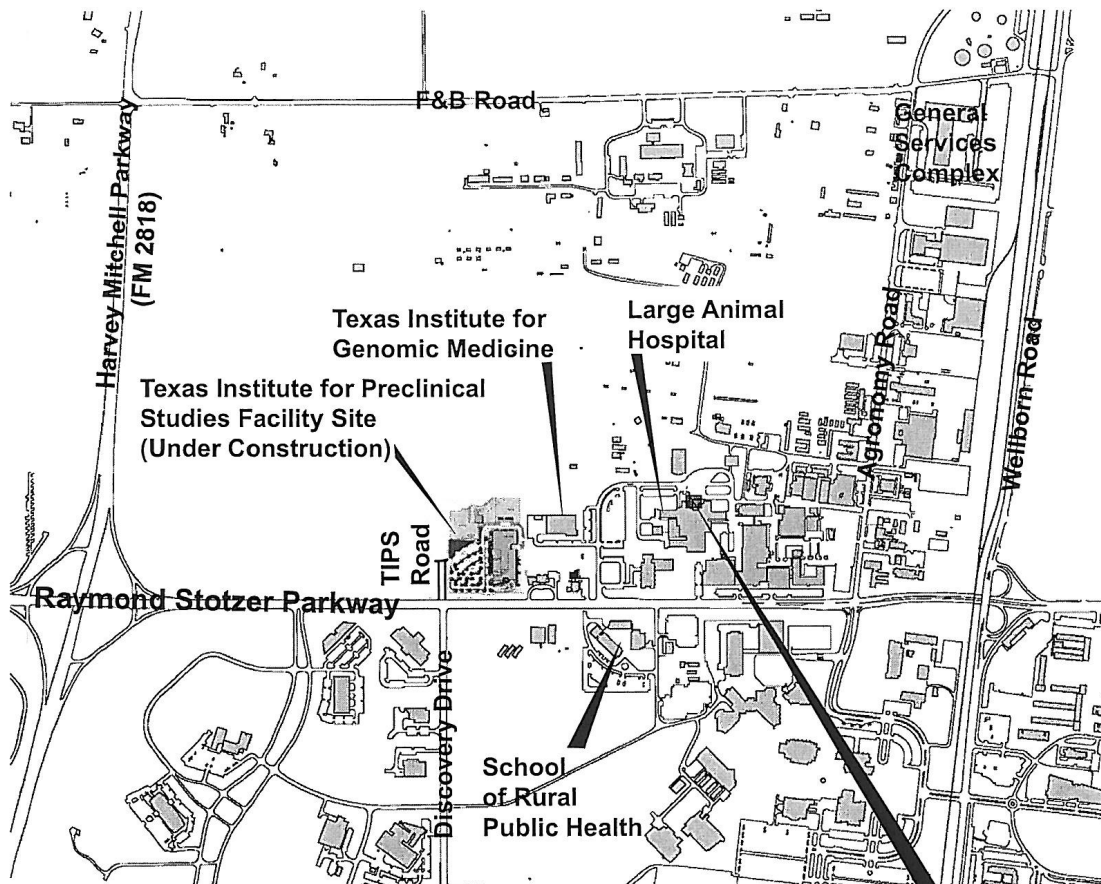
Architect
Contact

Completion Date

building addition 8,000 sf

The Veterinary Imaging and Cancer Treatment Center is a proposed building addition to expand and enhance the College of Veterinary Medicine and Biomedical Sciences and the Veterinary Medical Teaching Hospital at Texas A&M University in College Station, Texas. The addition will be located behind the Large Animal Hospital and within 100 yards of the Small Animal Hospital.

The proposed building addition floor plan, of about 8,000 square feet, will contain a linear accelerator radiation therapy (linac) room; a magnetic resonance imaging (MRI) room with equipment and a control room; computer tomography (CT) with equipment and a control room; sedation/recovery rooms, storage room, offices and restrooms. The addition will be designed so MRI, CT and linac examinations can be performed on both small animals and horses.



Project Location



Veterinary Imaging and Cancer Treatment Center (continued)



The Veterinary Imaging and Cancer treatment Center is to increase the quality of medical care for small animal and horse patients and enhance the educational experience for students by replacing the only modality for radiation therapy at the Teaching Hospital of Texas A&M College of Veterinary Medicine, an obsolete cobalt 60 machine, with a linear accelerator radiation therapy machine or "linac". The general standard radiation therapy in both human and veterinary oncology has become the use of high energy x-ray beams and high energy electron beams produced uniquely by a machine called a linear accelerator. Since the linear accelerator produces higher energy x-ray and electron beams than a cobalt 60, a new building addition with much thicker radiation barrier walls must be constructed to house this linac machine. The linac x-ray beams are used to treat deep-seated cancers, and its electron beams are used to treat superficially located centers.

