



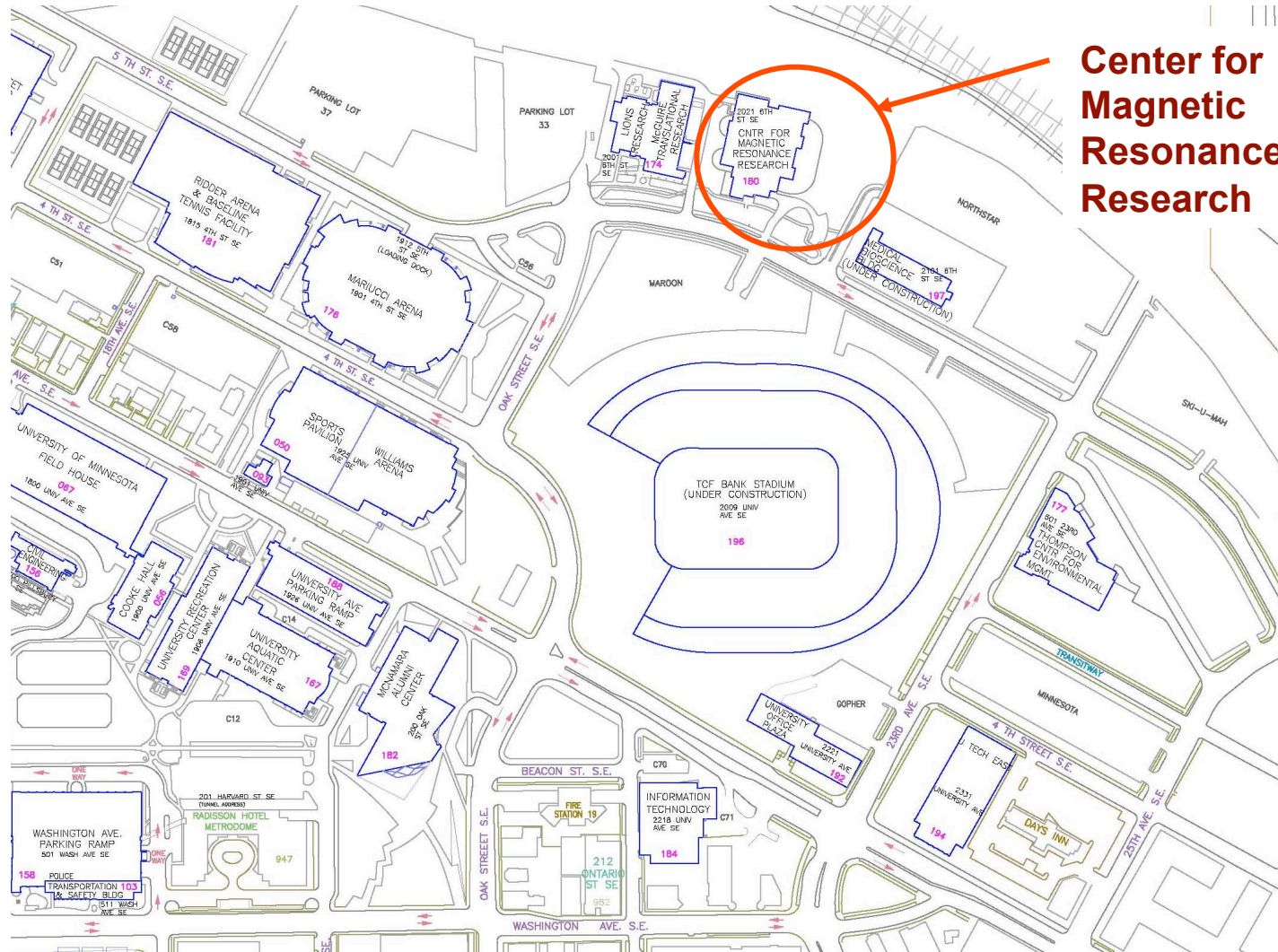
UNIVERSITY OF MINNESOTA

***Center for Magnetic
Resonance Research***

Renovation and Expansion

Twin Cities Campus

LOCATION PLAN



Center for
Magnetic
Resonance
Research



PROJECT RATIONALE

- Maintain world leadership in the area of magnetic resonance imaging and magnetic resonance spectroscopy by keeping the research capabilities of the CMRR ahead of the competition.
- Capitalize on rapid new developments in MRI and MRS by providing space for new and more powerful magnets.
- Provide new PET/CT clinical imaging capabilities not currently available in the facility thereby enhancing research grant potential.
- Enhance the programmatic synergism between the academic programs housed in the Lions Research Building, McGuire Translational Research Facility, and Medical Biosciences Building.

PROJECT DESCRIPTION

- First building in the Biomedical Research Facilities Program approved by the 2008 legislature.
- Project consists of:
 - » Two story addition on the east and north sides of the existing building;
 - » Skyway connection to the Medical Biosciences Building;
 - » New building entry oriented to the corner of 6th Street and 21st Avenue;
 - » Minor renovation of existing space.
- Space:

» Existing	41,150 gross square feet
» New Addition	59,900 gross square feet
» Skyway	<u>1,450 gross square feet</u>
» Total	102,500 gross square feet
- Project Cost:

» Construction Cost	\$28,513,000
» Non Construction Cost	8,345,000
» Imaging Equipment/Shielding	<u>16,342,000</u>
» Total Project Cost	\$53,200,000

PROJECT DESCRIPTION (continued)

- Capital Funding:
 - » State of Minnesota \$39,900,000
 - » University of Minnesota 13,300,000
 - » Total Approved Funding \$53,200,000

- Anticipated occupancy:
 - » Fall 2010

- Estimated additional annual operating cost:
 - » \$910,000 per year

- Project Team:
 - » Architect of Record: RSP Architects
 - » Construction Manager: Mortenson Construction

- Project Delivery Method:
 - » Construction Manager at Risk

EXISTING BUILDING



6th STREET EXTERIOR IMAGE



Schematic Design

March 2009

SITE PLAN



1. McGuire Translational Research Facility
2. Existing CMRR
3. New CMRR entrance
4. Medical Bioscience Building
5. Service Drive
6. Service docks
7. Courtyard
8. Annual grass/ornamental trees/crushed rock
9. Birch tree grove/river rock
10. Water retention swales/landscaped
11. Security fence perimeter
12. Future expansion
13. Cyclotron

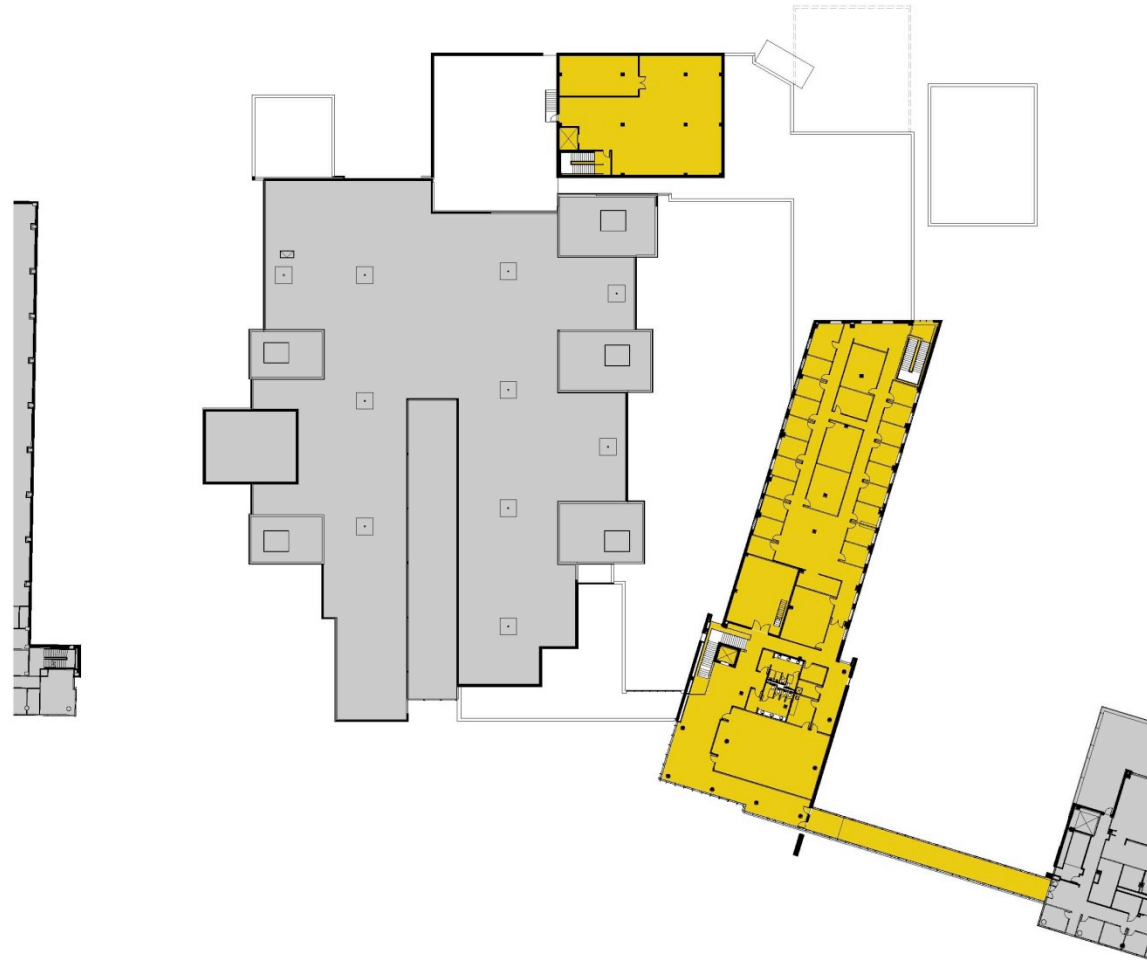
SITE PLAN



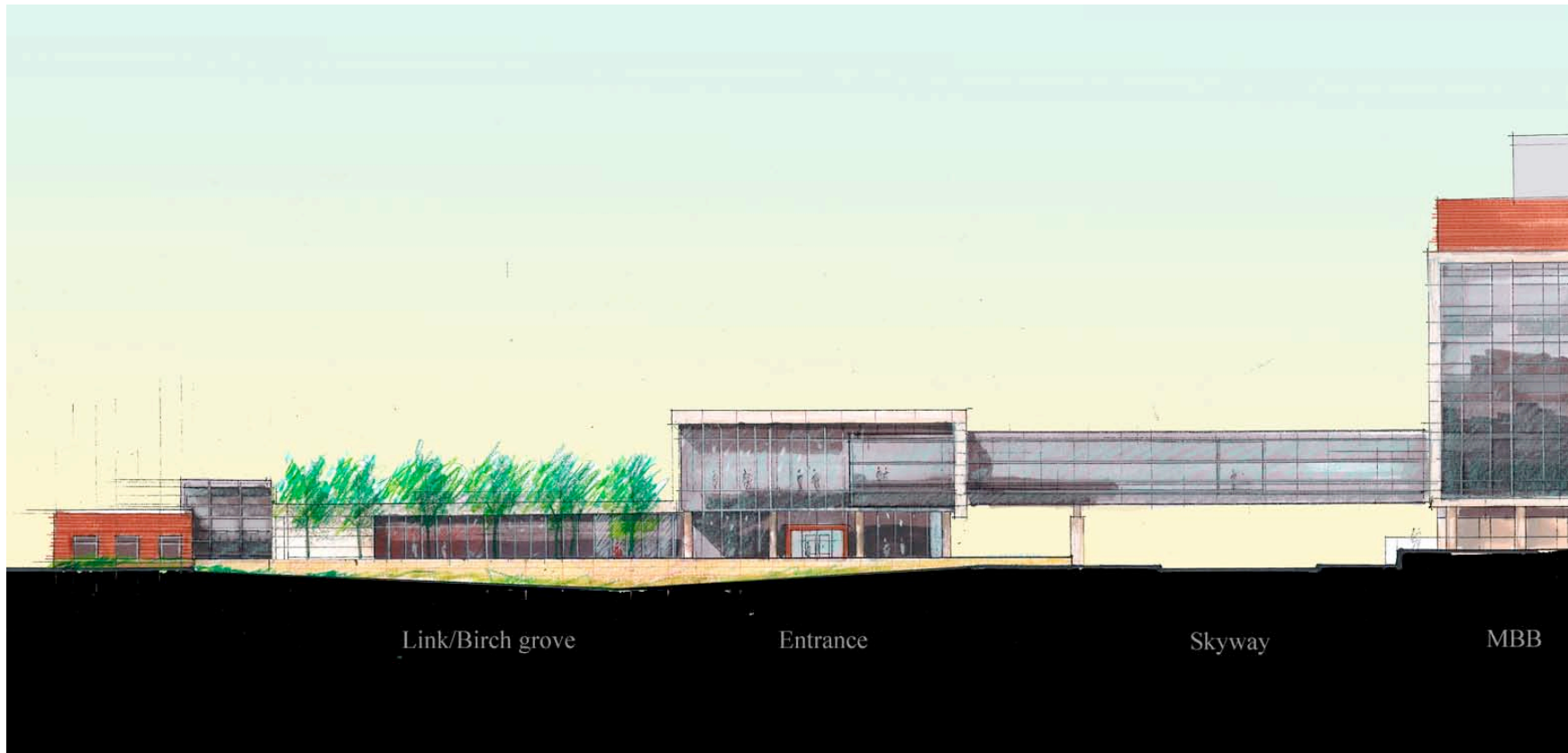
1ST FLOOR PLAN



2nd FLOOR PLAN



SIXTH STREET ELEVATION



NORTH ELEVATION



21ST AVENUE ELEVATION





UNIVERSITY OF MINNESOTA

***Center for Magnetic
Resonance Research
Renovation and Expansion
Twin Cities Campus***