

**Master Planning Committee
of
University of Alaska Fairbanks**

MEMORANDUM

Date: March 27, 2009

To: Brian Rogers, Chancellor


Approved _____ Date 3 April 2009

From:  Deb Horner, MPC Vice-Chair

Re: MPC Recommendation 2009-01 – Proposed Energy Facility

At the March 26, 2009, regular meeting of the MPC, Design and Construction's Senior Project Manager Cameron Wohlford gave an overview of the plans for a proposed energy facility on the Fairbanks campus and provided the attached handouts. Cameron explained that because of the type of research conducted by the Alaska Center for Energy and Power (ACEP), an accessible building separate from engineering but near campus utilities and the College of Engineering is required. Facilities Services has considered building sites at site 15 (CES), site 16 (by the hazmat building), and site 23 (MILR building). Site 23 is Facilities' preferred site, but Cameron is seeking MPC's site recommendation, advising that the only concern with site 23 is parking.

The following recommendation was approved unanimously (9 – 0) by the MPC membership:

MPC accepts the footprint designation as proposed by Facilities Services for the Alaska Center for Energy and Power (ACEP).

Thank you for your consideration of this recommendation. If you are in agreement, please indicate your approval on the line provided above.

dln

Attachments (as stated)

UAF Energy Technology Facility Alaska Center for Energy and Power

Site Selection Criteria

- Close proximity to College of Engineering and Mines for student and faculty access. Faculty and students under CEM are also the main researchers for ACEP.
- Due to the critical nature of the facility, good soils and site conditions that will not deteriorate during a natural disaster
- Readily available access to UAF Utilities especially electrical power. The ACEP research will include connection of different types of power modules to the UAF Electrical Grid
- Readily accessible and recognizable by the public for demonstrations, community education and training, and daily tours
- Site large enough for use of the facility to include a new parking lot.
- Located in the Support Services core of campus due to the nature (sights and smells) of research (coal, gas, fuel oil, solar, etc)

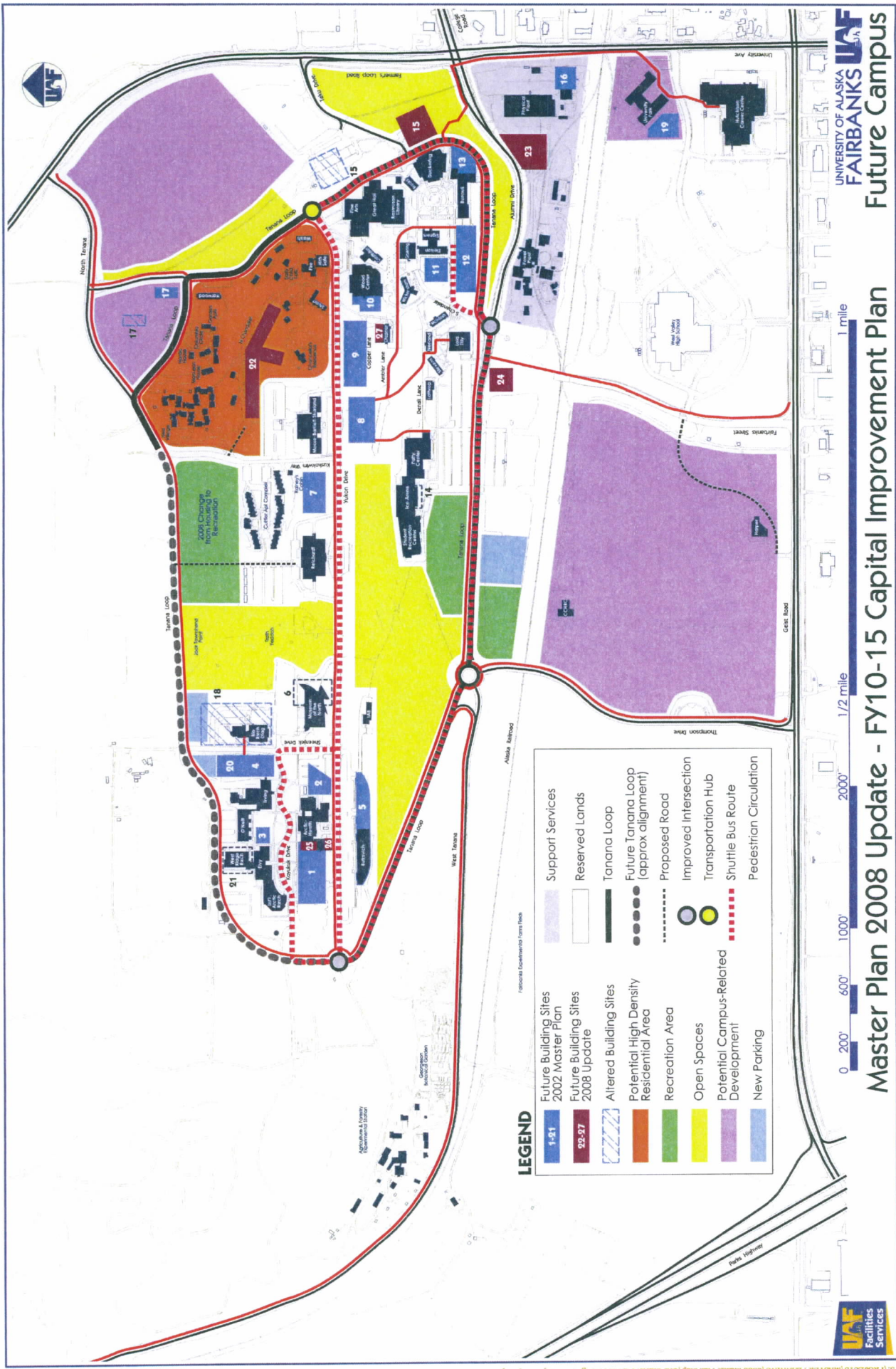
ACEP Facility

2002 Master Plan/2008 Update Site Considerations

- Site 15: The site is large enough and operationally could work, but has been reserved for academic functions (Engineering) due to its proximity to the campus core.
- Site 16: The site is not near the utilidor extension so infrastructure cost would be exorbitant to the project.
- Site 23: This new site where the existing MIRL building is located offers the best access to the public, utilities, the College, and the rest of the academic core of campus. (recommended site)

UAF Energy Technology Facility





LEGEND

1-81 Future Building Sites 2002 Master Plan	Support Services
92-97 Future Building Sites 2008 Update	Reserved Lands
Altered Building Sites	Tanana Loop
Potential High Density Residential Area	Future Tanana Loop (approx alignment)
Recreation Area	Proposed Road
Open Spaces	Improved Intersection
Potential Campus-Related Development	Transportation Hub
New Parking	Shuttle Bus Route
	Pedestrian Circulation

