

Division of Design and Construction 2024 Construction Plan

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We acknowledge the Alaska Native nations upon whose ancestral lands our campuses reside. In Fairbanks, our Troth Yeddha' Campus is located on the ancestral lands of the Dena people of the lower Tanana River.

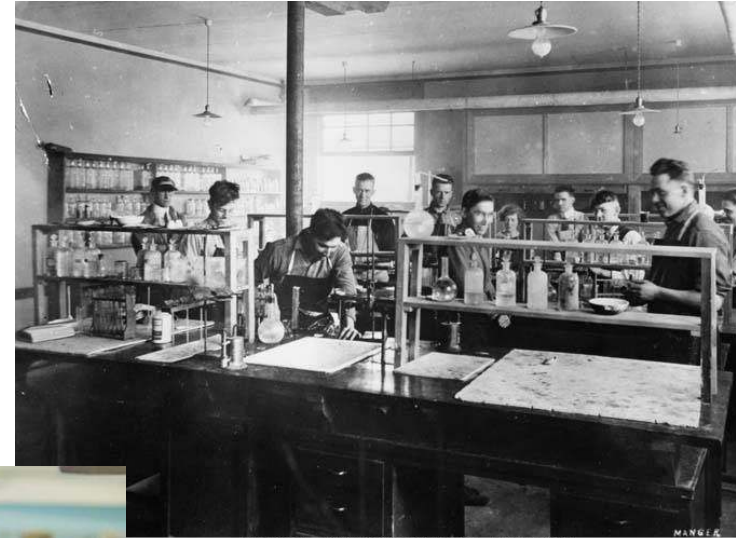


2024 Construction Priorities

Focus on Student Success through Modernization, Life Safety, and tackling our Deferred Renewal backlog

Strengthen Leadership in Alaska Native and Indigenous programs

Achieve Tier 1 Research Status



Archives, University of Alaska, Fairbanks



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Construction Challenges for UAF

- Lack of capital funding for Deferred Renewal, requiring reallocation of operating funds for emergent needs.
- Average facility age over 40 years old, serving modern research and changing student pedagogies
- Sharp desire to replace buildings unmatched by capital funding in a economy with extreme pressures on inflation, labor, and material availability.



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New Opportunities for UAF

- Federal and Private funding are helping to move new projects forward, including a new planetarium and childcare facility.
- Grants for specific research endeavors are being submitted with facility renewal cost
- Legislation introduced to setup a sustainable R&R funding mechanism through the operating budget instead of total reliance on capital appropriations.



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Modernizing Construction Delivery

- All three Universities have worked with the Chief Procurement Officer and Board of Regents to introduce alternate construction delivery methods that will be allowable under policy changes effective in May 2024.
- While Construction Manager at Risk has been utilized for our most complex projects (ten to date) and is a well-known method, other construction delivery methods such as Progressive Design Build are new and will require work to develop the processes and contract forms.
- UA is also seeking input from the design and construction community on how we can continue to modernize methods and improve outcomes for our campus facility improvements.



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2024 Construction Projects-in-Progress

- **Hess Village Lift Station Replacement:** TCI Construction will be installing new lift station pumps and controls for our largest married-student housing complex.
- **Utility Steam Repairs:** Multiple contractors in the Atkinson Power Plant and the two main utilidors to repair various steam leaks and replace twelve main steam valves. The work will occur during a planned power plant outage in May 2024
- **Irving 1 Fire Alarm Replacement:** Siemens Fire Alarm will install a new system in the Irving 1 and Irving 2 buildings prior to the Fall 2024 semester.



2024 Construction Projects-in-Progress

- **Moore and Bartlett Hall Renewal:**
 - The MBS Renewal is our largest renovation project in many years, bringing new life to an aged-out plumbing and lighting system in our largest residence hall.
 - Bettisworth North Architects and Planners, our design team, and our CM@Risk GHEMM Company are under contract to complete the full renovations.
 - Work began May 8th and will be completed before the Fall 2024 semester.



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2024 Construction Projects-in-Progress

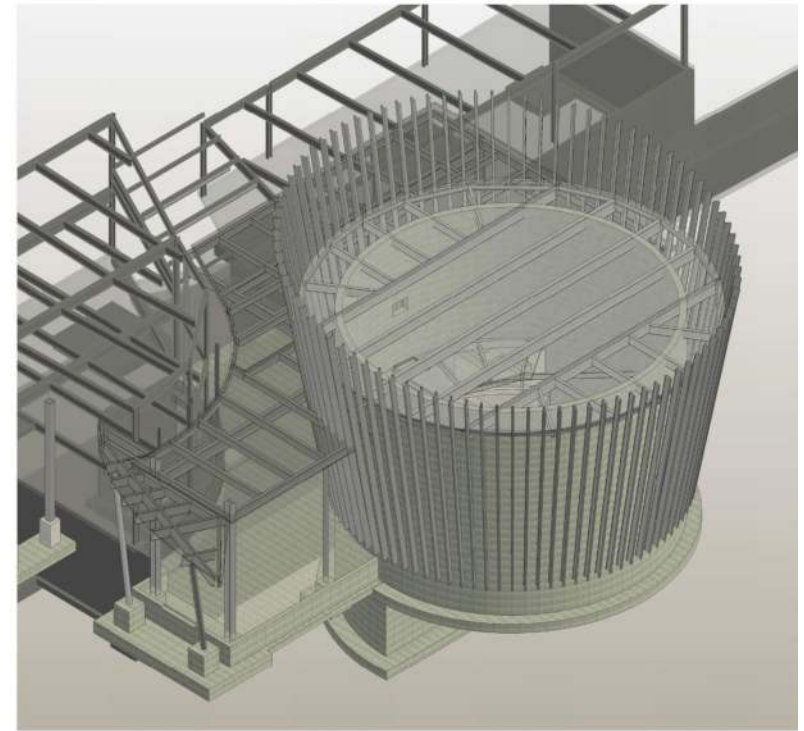
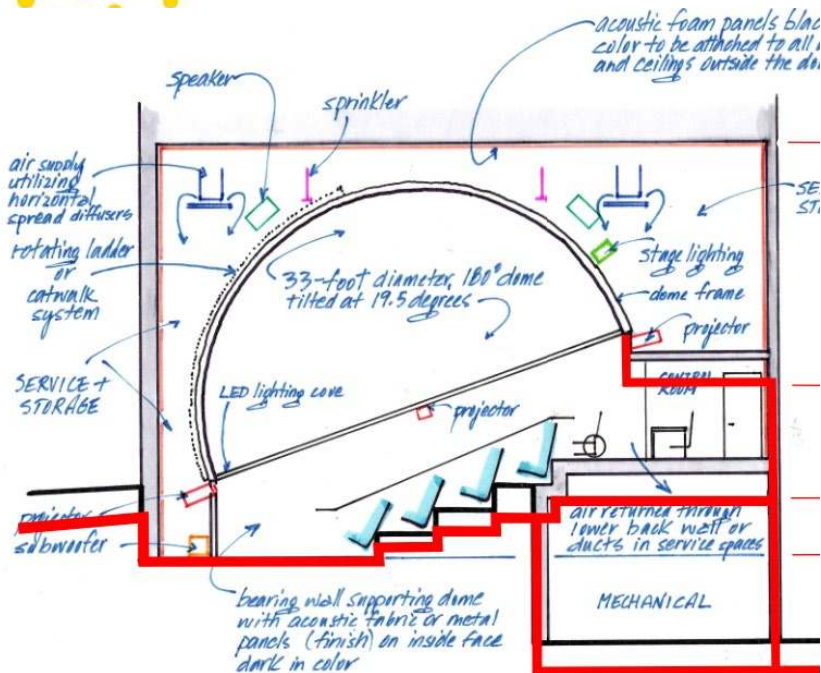
- **Rasmuson Library Student Success Center:**
 - Consolidation of many of the university's student support services from around campus to the top floor of the library, adjacent to refreshed student study areas.
 - GHEMM Company offered the lowest bid and construction is well underway and the center will be open for the Fall 2024 semester



2024 Construction Projects-in-Progress

UA Museum of the North Planetarium:

- New academic and research addition to the UA Museum supporting astrophysics and auroral programs. The Planetarium will also support outreach and visitors with daily showings of similar content.
- The facility has been funded through a very generous private gift and a research grant.
- Groundbreaking will be May 2024.



2024 Construction Projects-Bidding

- **O'Neill Chiller Replacement:** Install a new chiller system into the existing air handlers in the O'Neill building. (summer bid for installation in early 2025)
- **Duckering Fire Alarm:** Replace the outdated fire alarm system and remove fire dampers no longer required in the building code. (late fall 2024)



- **Physical Plant Generator:** Install a 300kW backup generator for the Physical Plant to support operations during campus-wide outages (April 2024)

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Project in Design (construction pending final funding)

Troth Yeddha Indigenous Studies Center: New academic and research facility to support growth in Alaska Native and Indigenous programs. Facility located between the Museum and Reichardt.



BETTISWORTH
NORTH

Troth Yeddha' Indigenous Studies Center

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Projects in Design (construction pending final funding)

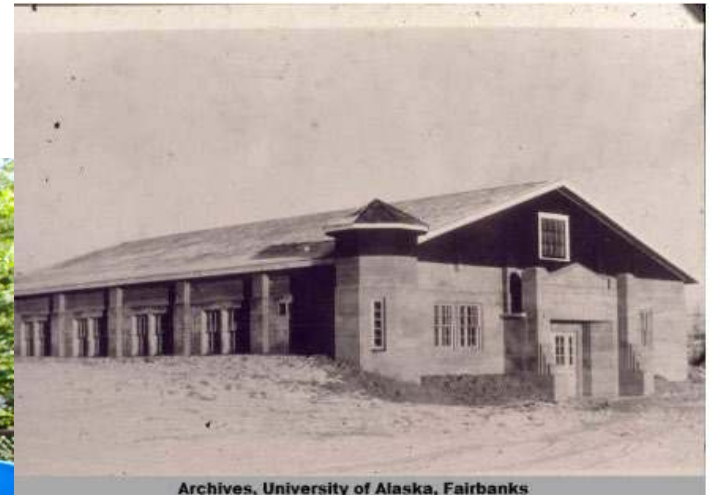
- **UAF Arctic Emergency Services Center of Excellence:** The center will be a facility for emergency services training, workforce development, and technology improvement for the state of Alaska and beyond.
- **Seward Marine Center Dock Replacement:** Replace the aged-out dock and logistics facilities to support the R/V Sikuliaq and other research vessels.



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Projects in Design (construction pending final funding)

- **UAF Nanook Childcare Center:** The center will provide care for UAF students, staff, and faculty, with space for 100 to 150 kids age 6 weeks to 6 years old, with additional drop-in slots for afterschool elementary age
- **Lola Tilly Welcome Center:** Repurpose the Lola Tilly Building into the new Welcome Center for UAF.
- **Eielson Deferred Renewal:** Modernization of this 1938 building will focus on renewal within the historical context of the facility.

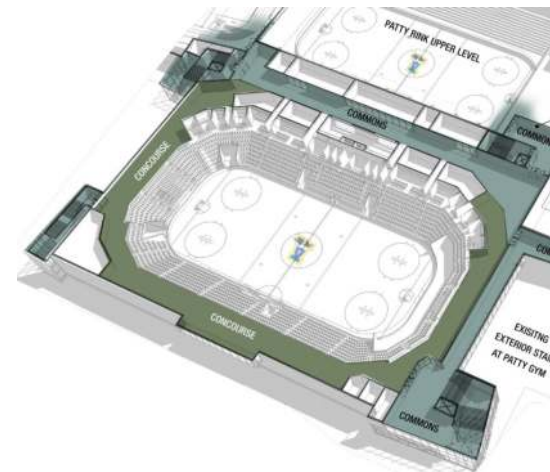


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Campus Modernization for Enrollment Growth and R1 Research Status

- **UAF Main Street:** The experience a new or returning student has as they cross the bridge on Thompson Drive, looking onto the Troth Yeddha' campus doesn't offer a sense of welcome and transformation. A new plan to transform Tanana Loop will possibly construct a new NCAA-competition ice rink, the Welcome Center, and a hotel, as well as renewal for Patty Center and SRC.
- **Campus-Wide Housing Replacement:** UAF has not built new housing since 1983. Student recruitment hinges on new, modern housing with student-preferred suite-style layouts. As older housing is demolished, UAF will look to various models to fund and build new residential units including several P3 development opportunities.



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