

# Division of Design and Construction 2023 Construction Plan

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# 2023 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



*Naturally Inspiring.*



# 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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# 2023 Construction Projects-in-Progress

- **Butrovich UPS and Chiller Replacement:** Amped Electric and Denali Mechanical are working to replace the aged out battery back up and chiller systems that support the UA Data Center in Butrovich. The work will increase the resiliency of power and cooling systems to support growing missions in the data center.
- **Patty Center Gym Refresh:** Multiple contractors are working in the Patty Gym to replace ceilings, lighting, and the gym floor. The new parquet style floor will provide a fresh look for the Nanooks Basketball and Volleyball teams!
- **Salisbury Code Corrections:** The first phase of a code corrections project in Salisbury is wrapping up with new fire treated stage curtains and smoke ventilators.



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# 2023 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.
  - The basic scope of work will abate, demo, and building back all eight floors of restrooms and showers in both towers.
  - Finishes will be updated in the nearly 400 dorm rooms and new room furnishings will be provided.
  - Bettisworth North Architects and Planners, our design team, and our CM@Risk GHEMM Company are under contract to complete the full renovations.
  - Work is scheduled to begin May 8<sup>th</sup> and be completed prior to the Fall 2024 semester.



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# 2023 Construction Projects-Bidding

- **Signer's Hall Level 1 and 2 Renewal:** Replace worn flooring and wall finishes and replace lighting on the main levels of Signer's Hall. The work will also include a new counter top for registration activities.
- **Nenana Airport Hangar:** Construct a 4,800 square foot hangar for the UAF ACUASI Drone program, supporting research of unmanned aerial vehicles.
- **Botanical Garden Pioneer Road:** Create a new road above the gardens for access to the outhouse facilities.



- **Duckering Lab 241 Renewal:** Renovate the lab for new research on critical minerals.
- **University Park South Roof Replacement:** Replace the aged and leaky roof on the south half of the building.
- **1060 Chandalar Houses:** Update finishes and restroom fixtures in the duplex at 1060 Chandalar.

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# 2023 Construction Projects-Bidding

- **O'Neill Chiller Replacement:** Install a new chiller system into the existing air handlers in the O'Neill building. (fall/winter 2023 bid)
- **Duckering Fire Alarm:** Replace the outdated fire alarm system and remove fire dampers no longer required in the building code. (late fall 2023)



- **Bristol Bay Exterior Improvements:** Install a snow melt system, upgrade ADA sidewalks and parking, and improve drainage around the building.
- **Kuskokwim Campus Health Sciences:** Repurpose the Yup'ik Language Building to provide space for a growing cohort of nursing students.

# 2023 Construction Projects-Bidding

- 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.
  - Gut and remodel of the floor with some selective work at the exterior envelope for additional glazing. New classrooms, tutoring spaces, offices, meeting rooms, proctoring area, bathrooms, as well as a family study room and mother's room for students balancing family and education.
  - Project range approximately \$4M-\$6M.
  - Design to complete this spring with bidding anticipated in June. Construction summer 2023, over the winter and completing by summer of 2024.





# Project in Design (construction pending final funding)

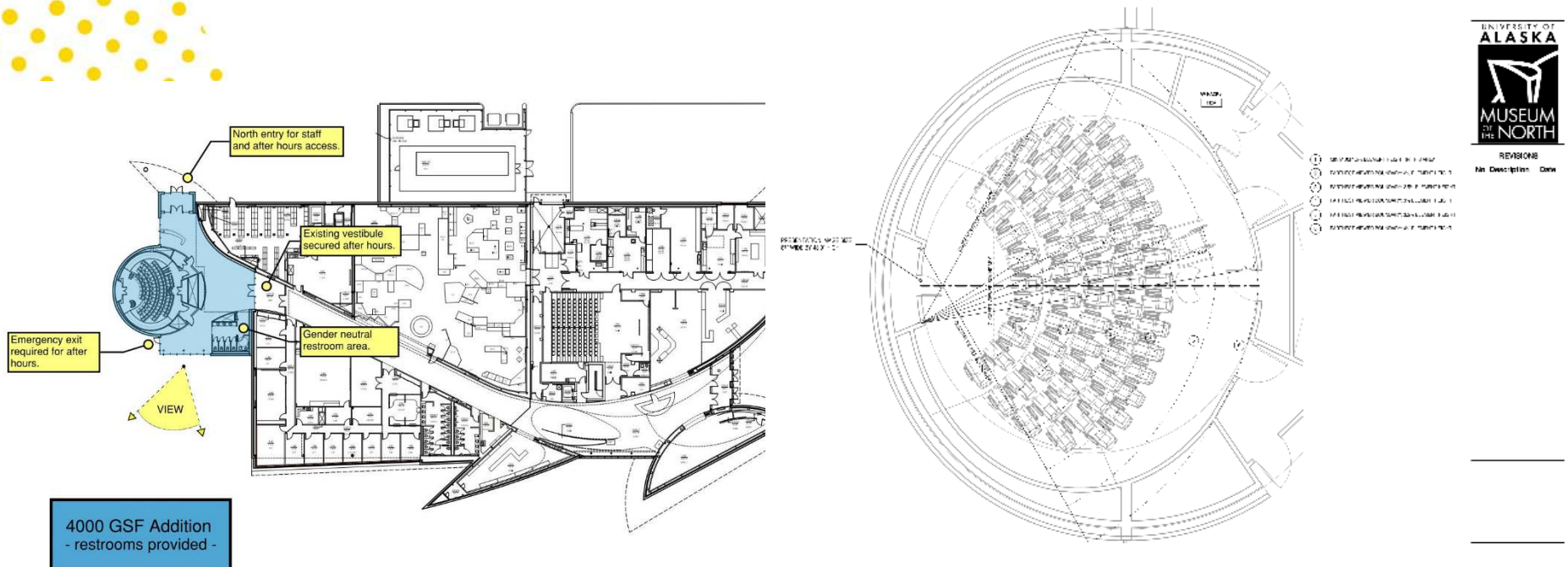
**Troth Yeddha Indigenous Studies Center:** New academic and research facility to support growth in Alaska Native and Indigenous programs. Facility located between the Museum and Reichardt.



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# Project in Design (construction pending final funding)

**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 will be funded through private gifts. Construction is expected to start in early 2024.



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# Project 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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