

# Facilities Planning Commission

April 4, 2024

FACILITIES PLANNING COMMISSION / 4.04.2024



# Oregon Tech's - Capital Projects Update

Thom Darrah | Director of Facilities & Capital Planning

# Presentation Outline

## **Capital Projects – Upcoming and Underway**

- New Student Housing
- Geothermal Systems Emergency Renovation
- Boivin Hall Traffic Improvements
- DPT Research Lab Renovation
- ABA Clinic Renovation



# New Student Housing



New Student Housing (85,000 sq ft)							
Project Start: 4.01.2023				Project Completion: 8.30.2025			
Project	Progress Highlights	Cost Breakdown	Orig. Budget	Rev. Budget	Cost To Date	%	Balance
UPE822 / FNRESH	Visioning: January 2023 - February 2023						
Bond Type: XI-F 2022	Design: March 2023 - April 2024						
	Construction: May 2024 - August 2025	Visioning/Design (6%):	\$ 2,231,400	\$ 2,266,500	\$ 981,510	43%	\$ 1,284,990
	<b>Project underway.</b>	Construction (80%):	\$ 28,000,000	\$ 28,328,500	\$ 1,578,395	6%	\$ 26,750,105
Design: Mahlum Architects		Other (14%):	\$ 4,768,600	\$ 4,405,000	\$ 36,010	1%	\$ 4,368,990
CM/GC: Bogatay Const.	Plan Design Bid Build Closeout	Project Totals:	\$ 35,000,000	\$ 35,000,000	\$ 2,595,915	7%	\$ 32,404,085
<h3>Budget Breakdown</h3> <p>Legend: Design (blue), Construction (orange), Other/Cont (grey)</p>		<u>CO's / Amendments</u>		<h3>Percent Complete (%)</h3> <p>Legend: Complete (orange), Remaining (light orange)</p>			
		\$ -					
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		Total:	\$ -				

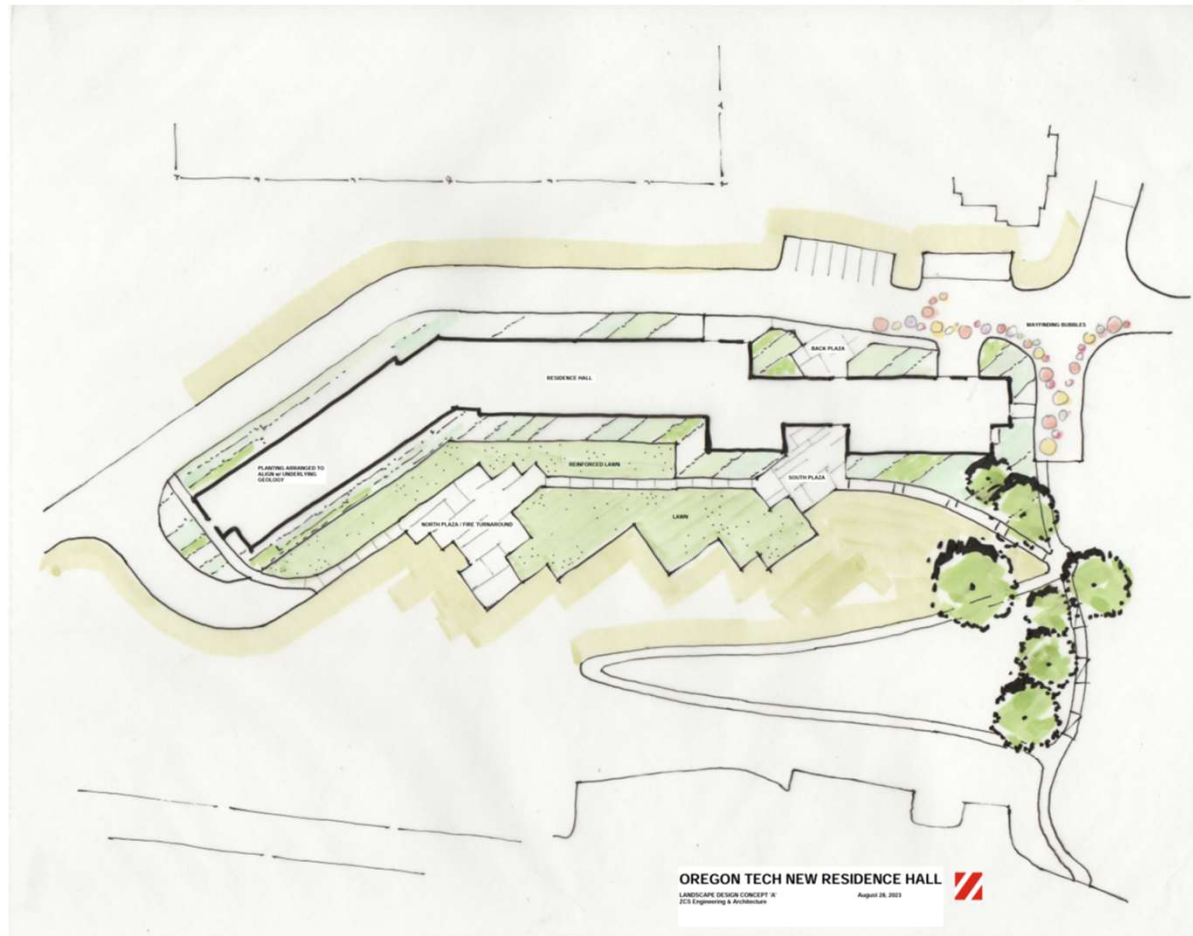
# New Student Housing



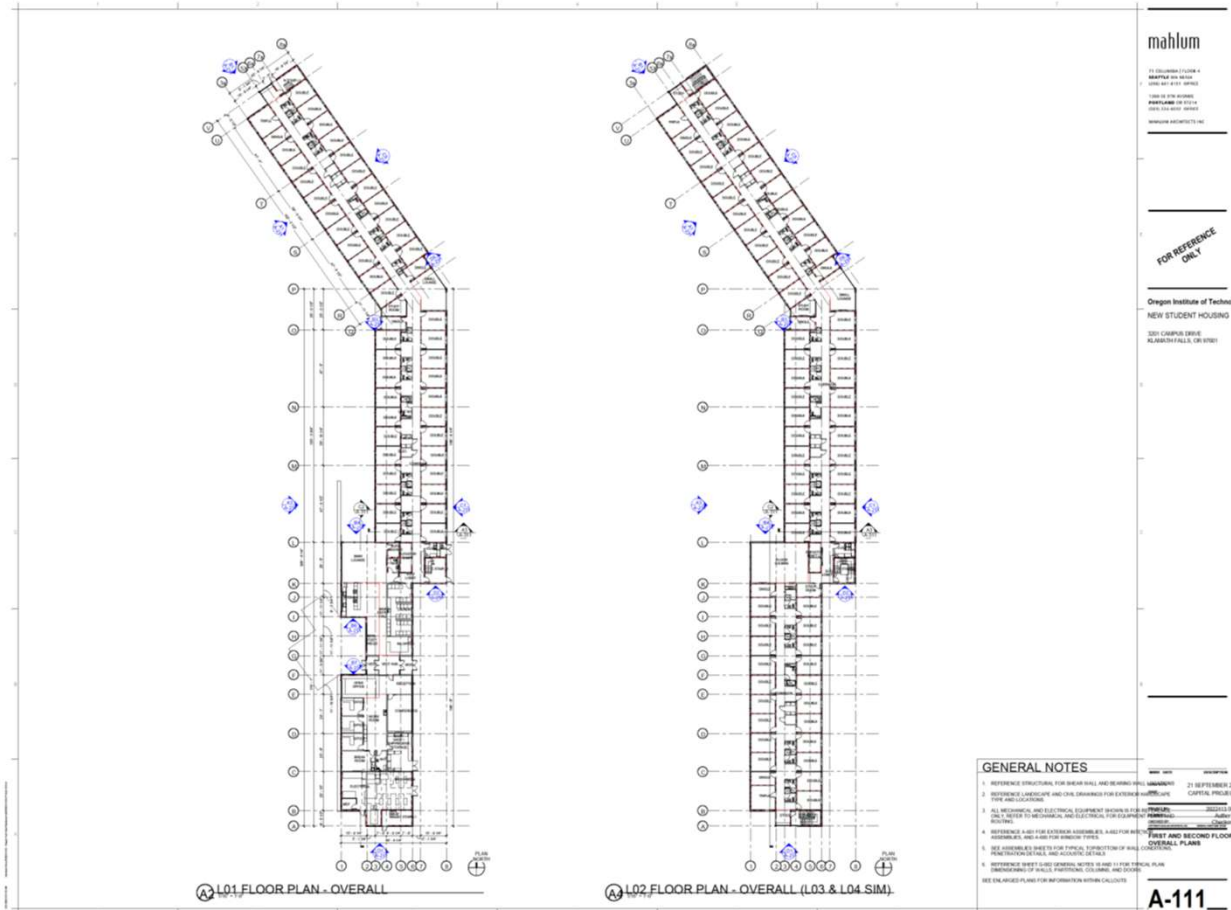
## Extended Project Insights

- Early Procurement (CLT Panels): 2.12.2024
- Early Work: 4.08.24 through 6.07.2024
  - 1) Install erosion control.
  - 2) Setup project staging areas.
  - 3) Site demolition.
  - 4) Mass excavation and grading.
  - 5) Existing utilities adjustments.
- Project Design Completion: 4.12.2024
- Project Permitting: 4.15.2024 through 5.10.2024
- Project Bidding: 4.15.2024 through 5.31.2024
- Project Construction: 6.10.2024 through 8.29.2025
- Project Closeout: 9.01.2025 through 9.30.2024

# New Student Housing



# New Student Housing



# New Student Housing





# New Student Housing



# Geothermal Systems Emergency Renovation



Geothermal Systems Emergency Renovation												
Project Start: 11.06.23				Project Completion: 11.14.2026								
Project	Progress Highlights		Cost Breakdown	Orig. Budget	Rev. Budget	Cost To Date	%	Balance				
UPE: TBD	Design: Underway Construction: Pending											
	<b>Project underway.</b>		Design (10%):	\$ 1,795,615	\$ 1,795,615	\$ 133,813	7%	\$ 1,661,802				
			Construction (75%):	\$ 13,467,116	\$ 13,467,116	\$ 434,340	3%	\$ 13,032,776				
			Other (15%):	\$ 2,693,420	\$ 2,693,420	\$ -	0%	\$ 2,693,420				
Design: AES												
CM/GC: TBD	Plan	Design	Bid	Build	Closeout							
			<b>Project Totals:</b>	<b>\$ 17,956,151</b>	<b>\$ 17,956,151</b>	<b>\$ 568,153</b>	<b>3%</b>	<b>\$ 17,387,998</b>				
<b>Budget Breakdown</b>			<u>CO's / Amendments</u>		<b>Percent Complete (%)</b>							
			<table border="1"> <tr><td></td><td>\$ -</td></tr> <tr><td>Total:</td><td>\$ -</td></tr> </table>			\$ -	Total:	\$ -				
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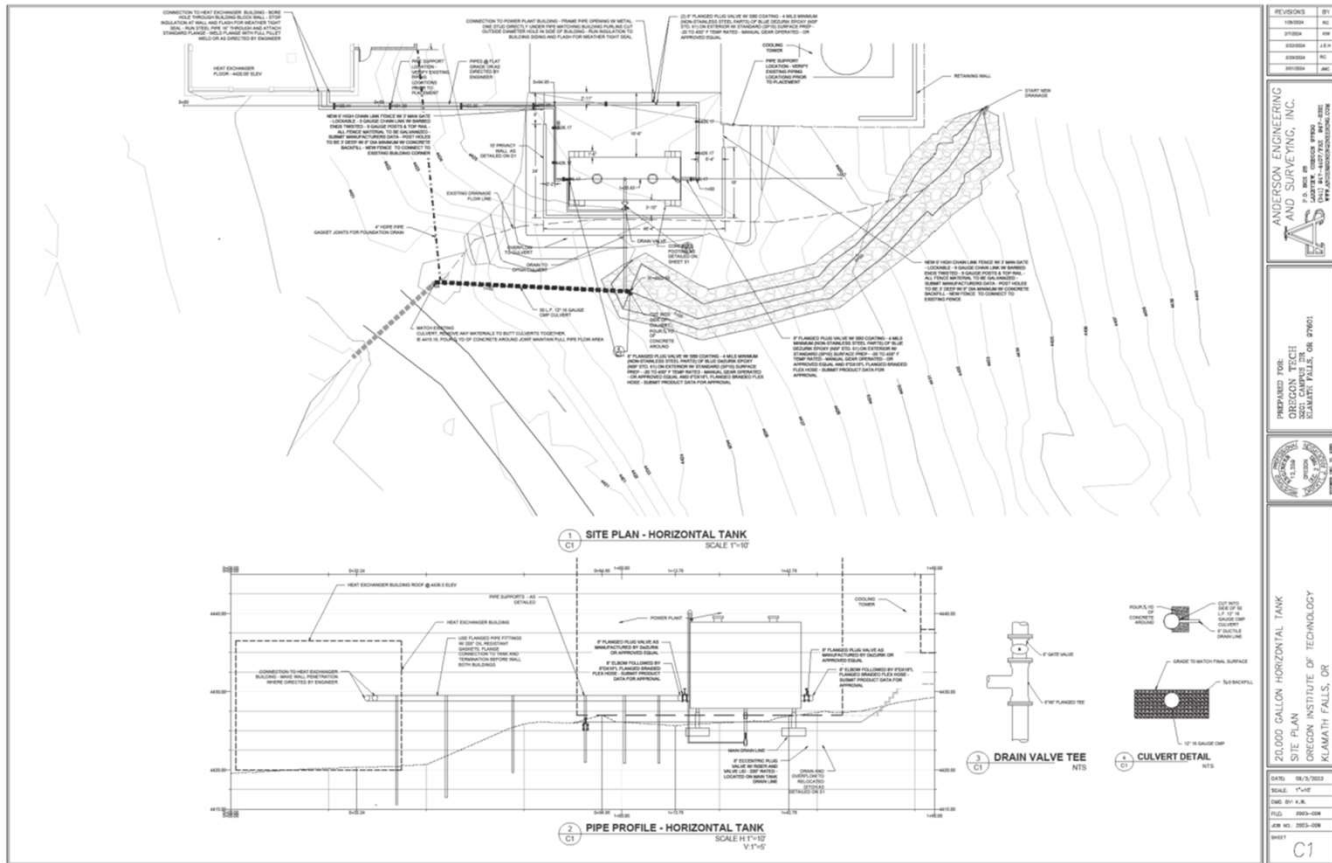
# Geothermal Systems Emergency Renovation



## **Extended Project Insights**

- Project is made up of five phases.
- Phase 1 - Geo HX Building Renovation
  - Construction for new geo storage tank underway.
  - HX building design complete.
  - Permitting underway.
  - Bidding underway.
- Phase 2 - Geo Distribution Piping
  - Design underway.
  - Early procurement of direct bury piping underway.

# Geothermal Systems Emergency Renovation



# Geothermal Systems Emergency Renovation





# Bovin Hall Traffic Improvements



## **Extended Project Insights**

- Early Procurement: Contractor will be ordering all storm system materials and site lighting to have on site prior to June 2024.
- Project Construction: NTP June 17, 2024
- Project Completion: August 30, 2024





# Bovin Hall Traffic Improvements



# Bovin Hall Traffic Improvements



# Bovin Hall Traffic Improvements

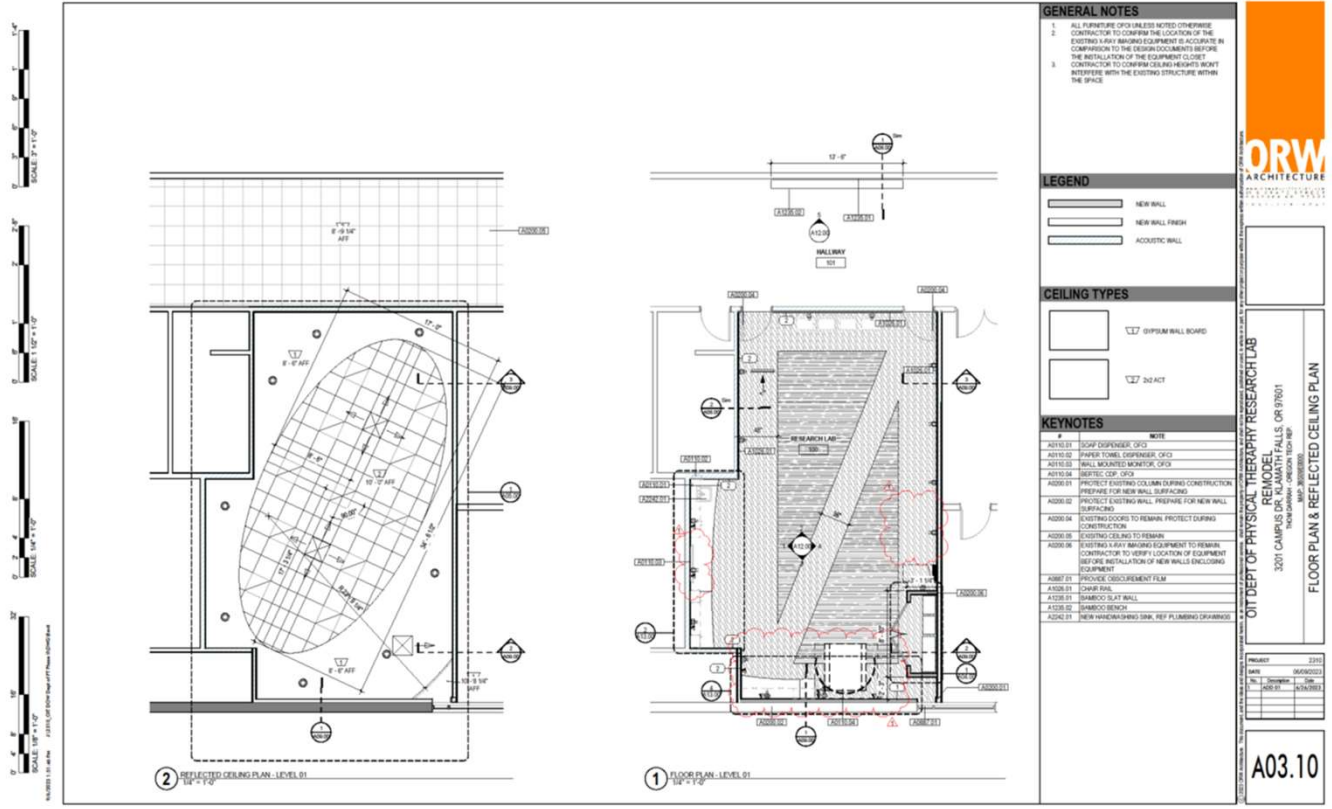


# DPT Research Lab Renovation



DPT Research Lab Renovation (1,000 sq ft)																				
Project Start: 9.01.23			Project Completion: 3.31.24																	
Project	Progress Highlights		Cost Breakdown	Orig. Budget	Rev. Budget	Cost To Date	%	Balance												
DPT430-DPT-FDN Gifts	Design: 100% Complete Construction: Sept. 2023 - Mar. 2024																			
	<b>Project construction underway.</b>		Design (13%):	\$ 35,205	\$ 35,205	\$ 31,685	90%	\$ 3,520												
			Construction (78%):	\$ 212,894	\$ 235,820	\$ 188,655	80%	\$ 47,165												
			Other (9%):	\$ 24,811	\$ 1,885	\$ -	0%	\$ 1,885												
Design: ORW			<b>Project Totals:</b>	<b>\$ 272,910</b>	<b>\$ 272,910</b>	<b>\$ 220,340</b>	<b>81%</b>	<b>\$ 52,570</b>												
Build: DCI	Plan	Design	Bid	Build	Closeout															
<b>Budget Breakdown</b>			<b>CO's / Amendments</b>		<b>Percent Complete (%)</b>															
			<table border="1"> <tr><td>DCI: CO 1</td><td>\$ 11,084</td></tr> <tr><td>DCI: CO 2</td><td>\$ 4,912</td></tr> <tr><td>DCI: CO 3</td><td>\$ -</td></tr> <tr><td>DCI: CO 4</td><td>\$ 6,930</td></tr> <tr><td></td><td>\$ -</td></tr> <tr><td><b>Total:</b></td><td><b>\$ 22,926</b></td></tr> </table>		DCI: CO 1	\$ 11,084	DCI: CO 2	\$ 4,912	DCI: CO 3	\$ -	DCI: CO 4	\$ 6,930		\$ -	<b>Total:</b>	<b>\$ 22,926</b>				
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# DPT Research Lab Renovation



# DPT Research Lab Renovation



# DPT Research Lab Renovation







# ABA Clinic Renovation



## **Extended Project Insights**

- Project design pro-bono: Soderstrom Architects and Interface Engineering
- Project Design Completion: March 29, 2024
- Project Permitting: April 2024
- Project Bidding: April 2024
- Project Construction – Anticipated Start: May 20, 2024
- Project Completion: November 29, 2024





## Contact Information

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# Summer Construction Project Plans

Oregon's Polytechnic University

**Oregon** **TECH**

# HECC Capital Project Submissions

Michelle Meyer, CPA | Director of Audit & Compliance

Oregon's Polytechnic University

**Oregon** **TECH**

# Overview

## Two Capital Project Submissions


- Learning Resource Center Renovation for Student Success\*
- Semon Hall Renovation for Academic Success\*
- \**Working Titles*

## Key Submission Contents

- Project Summary
- Business Plan
- *HECC Equity Lens*
- *Oregon Strategic Roadmap*


# Overview

**Oregon TECH**  
Oregon Institute of Technology



**Learning Resource Center  
Renovation for Student Success**  
• April 5, 2024

**Oregon TECH**  
Oregon Institute of Technology



**Semon Hall Renovation for  
Academic Success**  
• April 5, 2024

# Process



## **Capital Project Submission Workgroup**

### **Subject matter expertise and input**

- Multi-division, multi-department participation
- Projects' impact on academic programs and student experience
- Reimagine how facilities used
- Series of formal and in-formal work sessions



## **Capital Project Submission Supporting:**

***Oregon Tech Together  
Academic Master Plan  
Facilities Master Plan***



# Timeline



## Capital Project Submission Workgroup

Six weeks of weekly working and drop-in sessions

Mid-February through end of March



## HECC Timeline

**February 1:** HECC provides capital guide and capital budget instructions

**April 5:** Capital Project Submissions due to HECC

**April 23:** HECC site visit

**May:** HECC Commission meetings

**June:** HECC Funding and Achievement Committee meeting



## Learning Resource Center Renovation for Student Success

- **Improve effectiveness of facility**, renew existing space in ways that *“induce productive collaboration and innovative delivery models across institutional boundaries”* (HECC SCDP)
- **Two-story expansion**, adding ~16,000 sq. ft
- **Co-location** of student support and wrap-around services
- **Meeting the needs of underserved students**, bringing more resources from segregated spaces across campus
- **Reduce barriers to student enrollment**, between any point from pre-application up to graduation
- **Increase opportunities** for international students, and employers



## Learning Resource Center Renovation for Student Success

- **Active learning labs**, allowing students and faculty to work together in a space designed for multi-disciplinary learning
- **New digital media and technology labs**, encourage innovative pedagogy and support undergraduate research
- **Adaptive event space, to provide extended learning opportunities**, serve as a space for: interdisciplinary workshops, seminars, short-term certificates, venue for student-focused programming
- **Modular furniture and fixtures, and up to date audio/visual/presentation and distance learning equipment**, further the educational goals of Oregon Tech by offering hands on experiences in a high-tech environment



# Semon Hall Renovation for Academic Success

## **Two-story expansion, adding ~25,000 sq. ft**

- Dental Hygiene program expansion: cohort, clinic chairs, additional program offerings

## **Two-phase renovation**

- Phase 1: New construction – Dental Hygiene Clinic
- Phase 2: Renovate vacated space – Classrooms, labs, academic spaces

**Dental Hygiene Program addresses multiple HECC scoring rubric items**

**Support capital-intensive academic programs**

**New parking lot (next to Boivin) for patient accessibility**



## Contact Information

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