

FISCAL OPERATIONS ADVISORY COMMITTEE (FOAC) |
5.16.2019



Oregon Tech's - Capital Projects Update

Thom Darrah | Director of Facilities | Oregon Tech

Presentation Outline



- **Ongoing Capital Projects**

- Cornett Renovation – Phase 2
- Student Rec Center
- CEET
- Emergency Storm - Phase 2b
- Emergency Storm - Phase 3a
- Emergency Storm - Phase 3b
- LRC/Athletics Transformer Upgrade

- **Capital Repair & Renewal Projects**

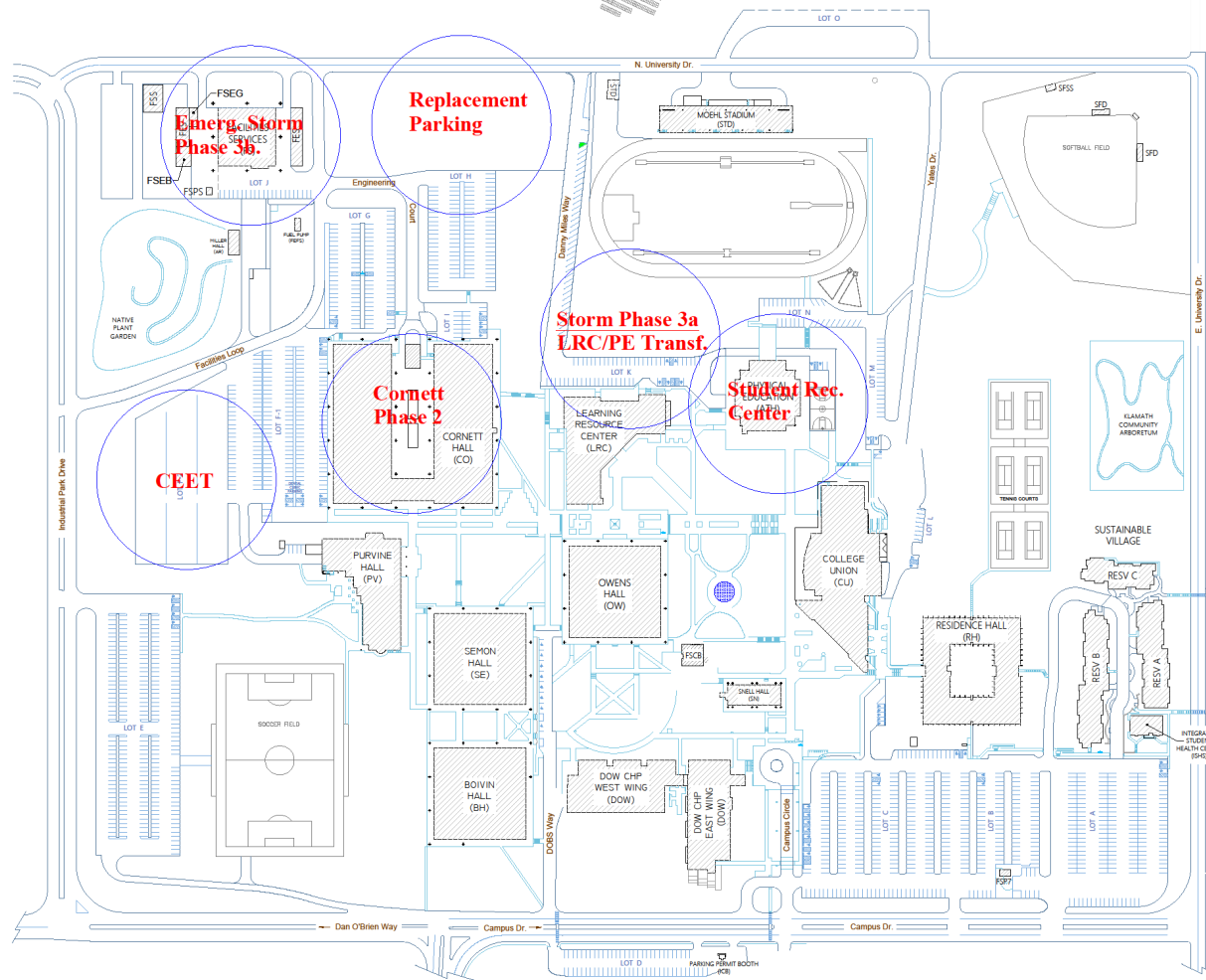
- Current CRR Projects
- Upcoming CRR Projects

Ongoing Capital Projects



O
R
E
G
O
N

T
E
C
H



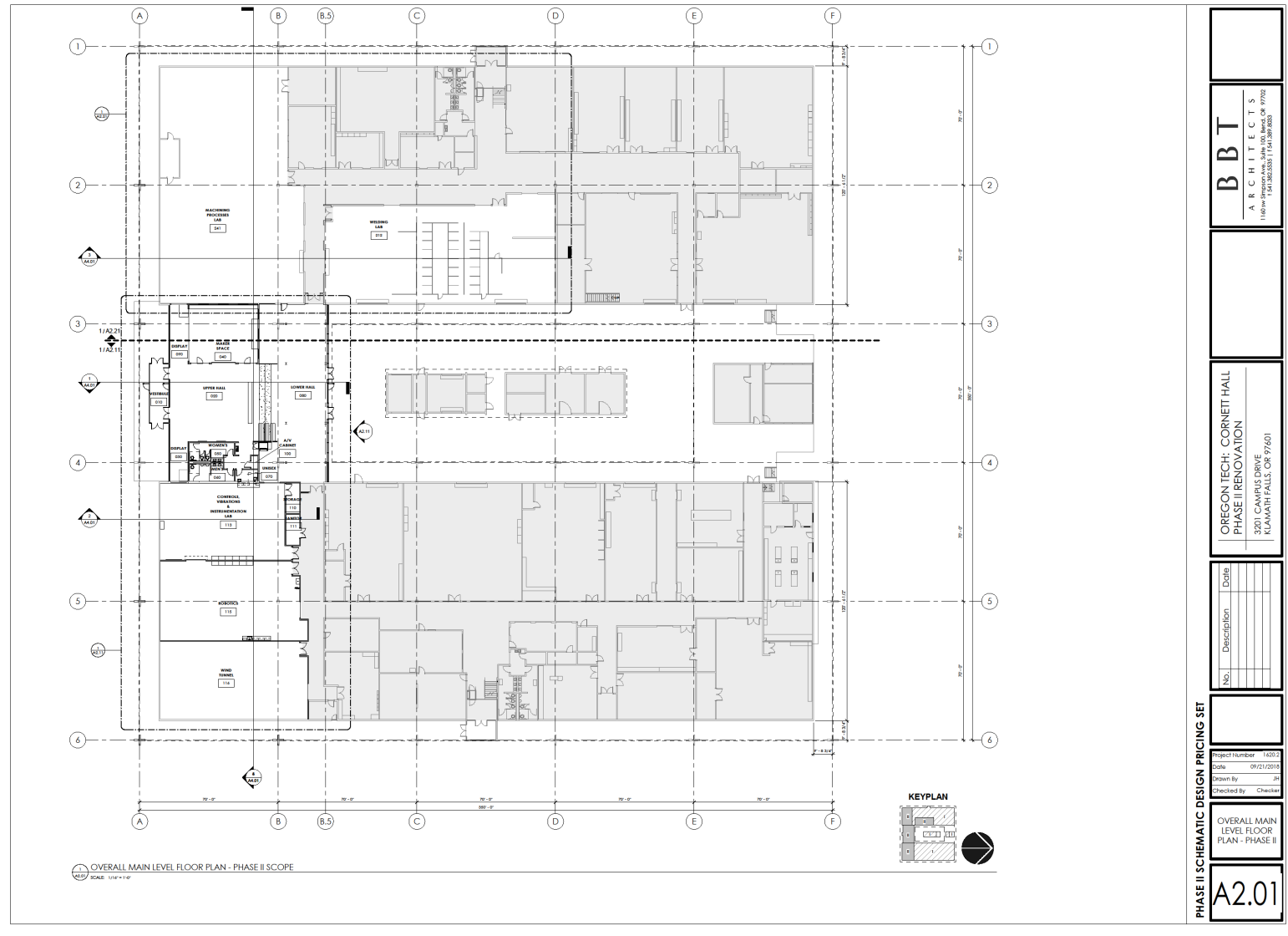
OREGON INSTITUTE OF TECHNOLOGY

Cornett Renovation – Phase 2



Cornett Renovation - Phase 1 / Phase 2							
Project Start: 9.18.17		Project Completion: 9.31.20					
Project	Progress Highlights	Cost Breakdown	Orig. Budget	Rev. Budget	Cost To Date	%	Balance
UPE777 / UPE785	* NTP: 9.18.2017						
Bond Type: XI-Q / XI-G	** Phase 1a & b complete / Phase 2 underway.						
Total = \$18,725,000	Phase 1 = \$11,670,000.00	Design (6%):	\$ 1,042,020	\$ 1,073,355	\$ 785,295	73%	\$ 288,060
Design: BBT Architects	Phase 2 = \$7,055,000.00	Construction GMP (64%):	\$ 9,090,000	\$ 15,757,665	\$ 11,729,660	74%	\$ 4,028,005
CM/GC: Adroit Const.	Project Total = \$18,725,000.00	Other (30%):	\$ 1,537,980	\$ 1,893,980	\$ 423,755	22%	\$ 1,470,225
	Plan Design Bid Build Closeout	Project Totals:	\$ 11,670,000	\$ 18,725,000	\$ 12,938,710	69%	\$ 5,786,290
Budget Breakdown		CO's / Amendments		Percent Complete (%)			
		P1 Amd. 1-9:	\$ 413,155				
		P1 Amd. 13-25	\$ 257,455				
		P1 Amd. 27-32	\$ 152,755				
		P2 Amd. 11-16	\$ 1,838,415				
		P2 Amd. 22-26	\$ 152,990				
		P2 Amd. 30-33	\$ 3,852,895				
		Total:	\$ 6,667,665				

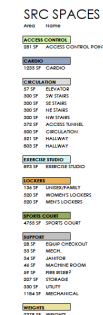
Cornett Renovation – Phase 2



Student Recreation Center



Academic Student Rec Center (ASRC)												
Project Start: 6.04.2018						Project Completion: 9.27.2019						
Project	Progress Highlights					Cost Breakdown	Orig. Budget	Rev. Budget	Cost To Date	%	Balance	
UPE789	* Design: January 2018 - June 2018											
Bond Type: XI-F	** Construction: June 2018 - February 2020											
						Design (8%):	\$ 280,000	\$ 275,180	\$ 112,905	41%	\$ 162,275	
Design: BBT Architects						Construction (80%):	\$ 2,797,765	\$ 2,865,000	\$ -	0%	\$ 2,865,000	
Build: Modoc Contracting						Other (12%):	\$ 422,235	\$ 424,820	225	0%	\$ 424,595	
	Plan	Design	Bid	Build	Closeout	Project Totals:	\$ 3,500,000	\$ 3,565,000	\$ 113,130	3%	\$ 3,451,870	
Budget Breakdown \$275,180 \$2,865,000 \$424,820 Design Construction Other/Cont.						CO's / Amendments		Percent Complete (%) Cost to Date Balance 97% 3%				
							\$					-
							\$					-
							\$					-
							\$					-
							\$					-
							\$					-
							\$					-
							\$					-
							\$					-
Total:		\$	-									



BBT ARCHITECTS
1160 sw Simpson Ave. - Suite 100
Beard, Oregon 97002
1 541.382.5535 | 1 541.389.8033

OREGON TECH
STUDENT RECREATION
CENTER

3201 Campus Drive
Klamath Falls, OR
97601

No.	Description	Date

Project Number	1830
Date	12.14.2018

SCHEMATIC DESIGN

REC CENTER FLOOR
PLAN

A2.01

1520
2018

CEET



New CEET Building							
Project Start: 6.03.2019		Project Completion: 12.31.2020					
Project	Progress Highlights	Cost Breakdown	Orig. Budget	Rev. Budget	Cost To Date	%	Balance
UPE785 / FCEET	Visioning: May 2018 - August 2018						
Bond Type: XI-Q / XI-G	Design: November 2018 - September 2019	Replace. Parking Lot (1.5%)	\$ 525,000	\$ 525,000	\$ 236,220	45%	\$ 288,780
	Construction: October 2019 - March 2021	Visioning/Design (7%):	\$ 2,340,000	\$ 2,464,500	\$ 637,545	26%	\$ 1,826,955
Design: TVA Architects		Construction (77%):	\$ 27,040,000	\$ 27,040,000	\$ 20,355	0%	\$ 27,019,645
CM/GC: Adroit Const.		Other (14.5%):	\$ 5,095,000	\$ 4,970,500	\$ 3,040	0%	\$ 4,967,460
	Plan Design Bid Build Closeout	Project Totals:	\$ 34,475,000	\$ 34,475,000	\$ 897,160	3%	\$ 33,577,840
Budget Breakdown 		CO's / Amendments		Percent Complete (%) 			
			\$ -				
			\$ -				
			\$ -				
			\$ -				
			\$ -				
			\$ -				
			\$ -				
			\$ -				
		Total:	\$ -				

CEET



GENERAL NOTES

- SEE 01.05 SHEETS FOR CODE COMPLIANCE INFORMATION AND REQUIRED MINIMUM HEIGHT AND ACCESSIBILITY REQUIREMENTS (AND)
- ALL DIMENSIONS ARE TO FACE OF FINISH LINE OR CENTER OF FINISH. EXTERIOR DIMENSIONS ARE TO FACE OF FOUNDATION/PAVE OF FINISH. DIMENSIONS INDICATED AS TO CENTER ARE TO FACE OF FINISH.
- SEE 01.10 FOR TYPICAL WALL TYPE ASSEMBLIES
- FURNITURE SHOWN CLINED IS FOR REFERENCE ONLY AND IS OPI.



tva architects inc.
100 NW 2nd Avenue, Suite 1000
Portland, Oregon 97208
phone: 503.225.7447
www.tvaarchitects.com



KEYNOTES

NOTE: ONLY KEYNOTES APPROPRIATE TO THIS SHEET ARE SHOWN IN THIS KEYNOTES CLINED. DO NOT VERIFY ANY DISCREPANCY IN KEYNOTES.

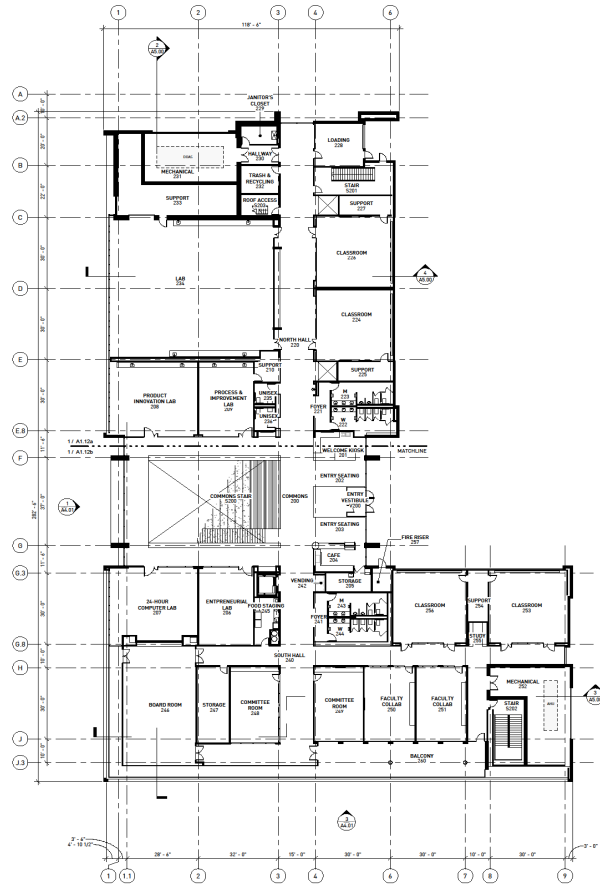
OIT CEET
3201 CAMPUS DRIVE
KLAMATH FALLS, OREGON 97601

SCHEMATIC
DESIGN
OVERALL
FLOOR PLANS

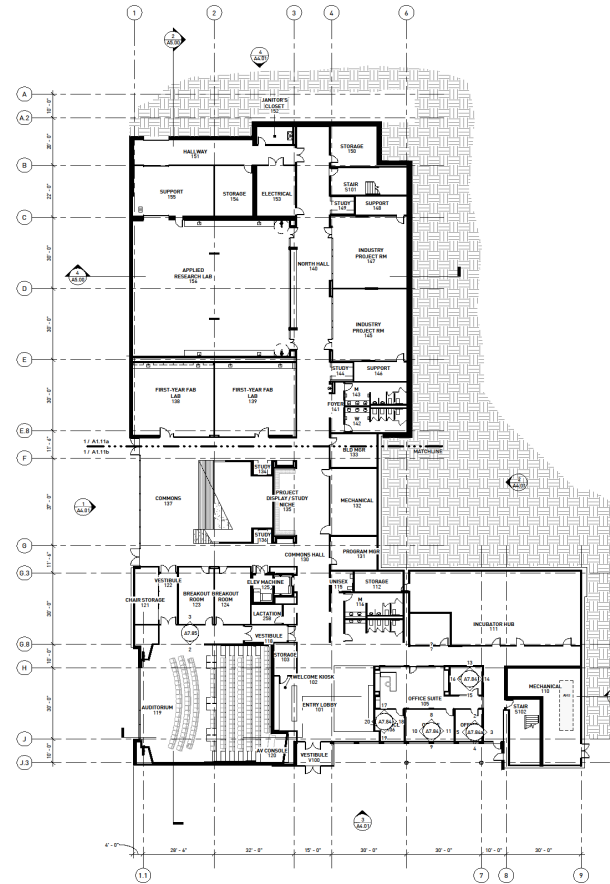
Project # 17087

A1.01

Date: MAR 26, 2019



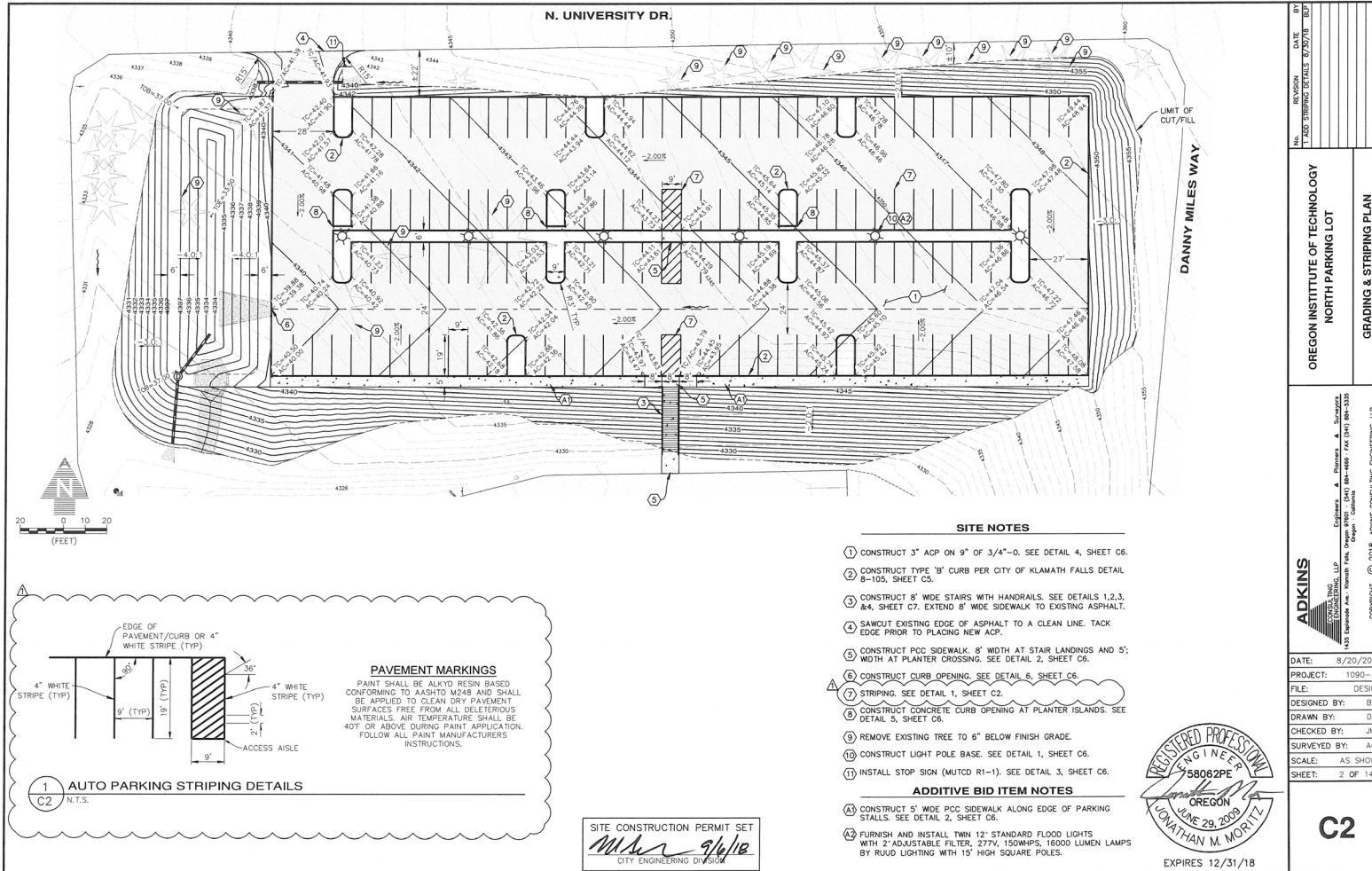
2 LEVEL 02 - OVERALL FLOOR PLAN
1/8" = 1'-0"



1 LEVEL 01 - OVERALL FLOOR PLAN
1/8" = 1'-0"



CEET

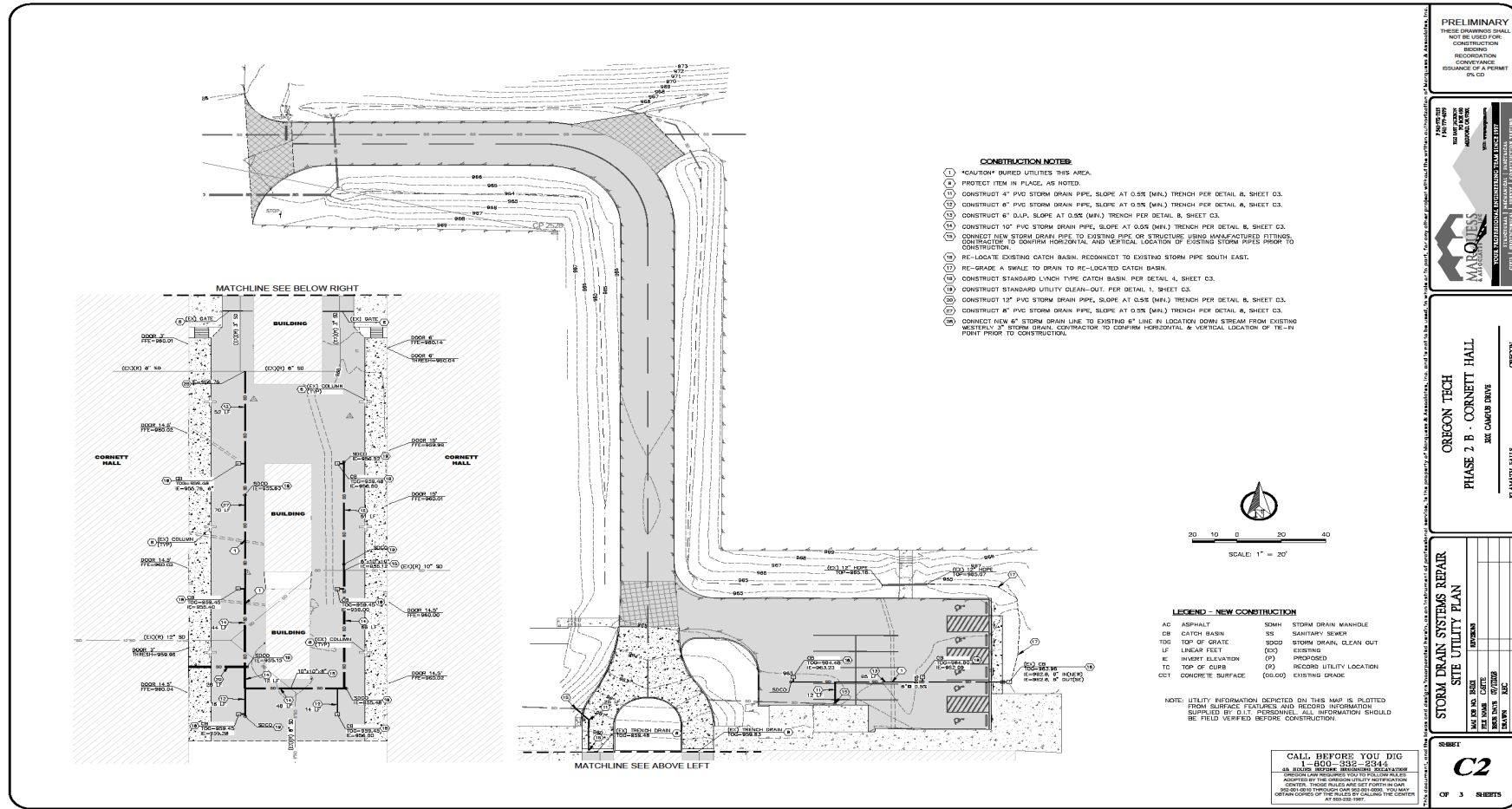


Emergency Storm – Phase 2b



Emerg. Storm - Phase 2b							
Project Start: 8.20.18			Project Completion: 10.26.18				
Project	Progress Highlights		Cost Breakdown	Orig. Budget	Rev. Budget	Cost To Date	Balance
UPE769 / FSSTDR	* Design: Completed July 2018						
Bond Type: XI-Q	** Construction: August 2018 - June 2019						
			Design (5%):	\$ 29,550	\$ 29,550	\$ 12,205	41% \$ 17,345
Design: Marquess			Construction (87%):	\$ 508,210	\$ 638,540	\$ 506,000	79% \$ 132,540
Build: Bob's Excavating			Other (8%):	\$ 187,240	\$ 56,910	\$ 12,205	21% \$ 44,705
	Plan	Design	Bid	Build	Closeout	Project Totals:	
						\$ 725,000	\$ 725,000 \$ 530,410 73% \$ 194,590
Budget Breakdown 			<u>CO's / Amendments</u>		Percent Complete (%) 		
			CO 7 - CO 10:	\$ 14,419			
			CO 12:	\$ 44,650			
			CO 13:	\$ 10,530			
			CO 14:	\$ 6,760			
			CO 15:	\$ 6,595			
			CO 16:	\$ 46,650			
			CO 17:	\$ 725			
				\$ -			
				\$ -			
			Total:	\$ 130,329			

Emergency Storm – Phase 2b



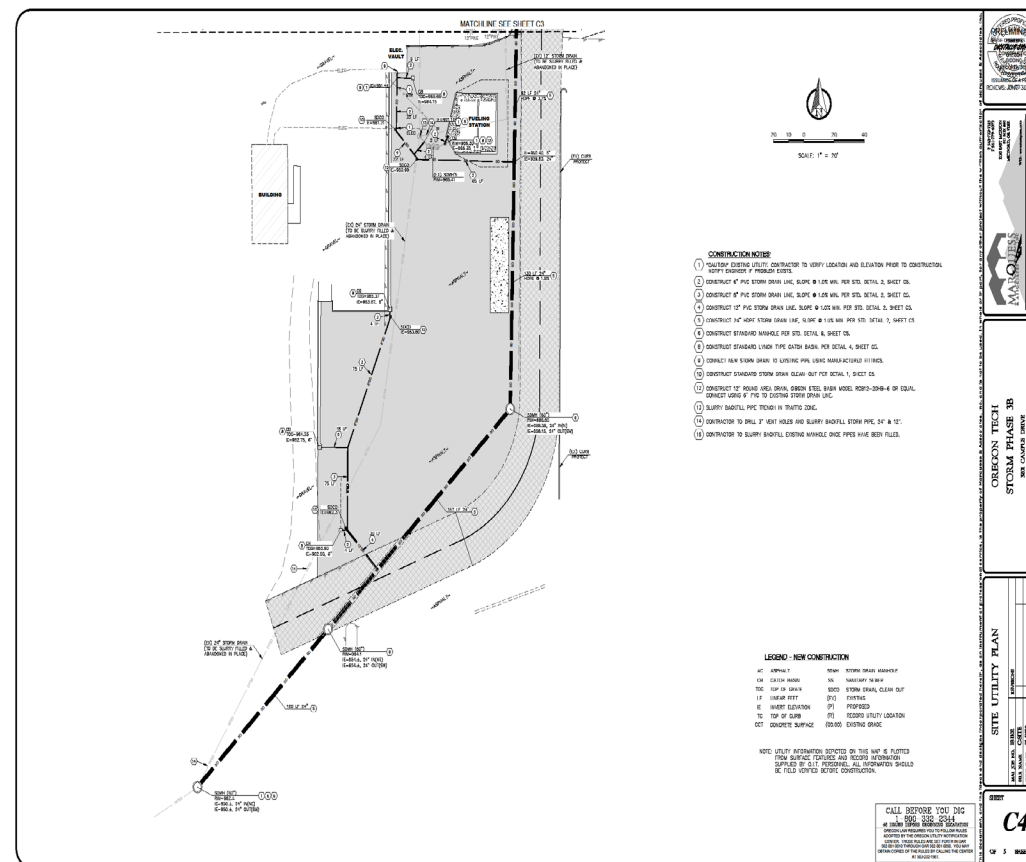
Emerg. Storm - Phase 3a													
Project Start: 8.20.18						Project Completion: 10.26.18							
Project		Progress Highlights				Cost Breakdown		Orig. Budget	Rev. Budget	Cost To Date	%	Balance	
UPE769 / FSSTD		* Design: Completed January 2019											
Bond Type: XI-Q		** Construction: June 2019 - Sept. 2019											
						Design (5%):		\$ 27,100	\$ 27,100	\$ 21,325	79%	\$ 5,775	
Design: Marquess						Construction (87%):		\$ 499,995	\$ 499,995	\$ -	0%	\$ 499,995	
Build: RMC						Other (8%):		\$ 102,905	\$ 102,905	\$ -	0%	\$ 102,905	
		Plan	Design	Bid	Build	Closeout	Project Totals:		\$ 630,000	\$ 630,000	\$ 21,325	3%	\$ 608,675
Budget Breakdown						CO's / Amendments		Percent Complete (%)					
■ Design ■ Construction ■ Other/Cont.							\$ -	■ Cost To Date ■ Balance					
							\$ -						
							\$ -						
							\$ -						
							\$ -						
							\$ -						
							\$ -						
							\$ -						
							\$ -						
							\$ -						
Total:							\$ -						



Emergency Storm – Phase 3b



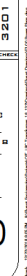
Emerg. Storm - Phase 3b												
Project Start: 8.20.18						Project Completion: 10.26.18						
Project	Progress Highlights					Cost Breakdown		Orig. Budget	Rev. Budget	Cost To Date	%	Balance
UPE769 / FSSTD	* Design: Completed January 2019											
Bond Type: XI-Q	** Construction: April 2019 - June 2019											
						Design (5%):		\$ 28,750	\$ 28,750	\$ 22,865	80%	\$ 5,885
Design: Marquess						Construction (87%):		\$ 664,155	\$ 792,850	\$ 196,070	25%	\$ 596,780
Build: RMC						Other (8%):		\$ 192,095	\$ 63,400	\$ 5,000	8%	\$ 58,400
	Plan	Design	Bid	Build	Closeout	Project Totals:		\$ 885,000	\$ 885,000	\$ 223,935	25%	\$ 661,065
Budget Breakdown Design Construction Other/Cont.						CO's / Amendments		Percent Complete (%) Cost To Date Balance 75% 25%				
						CO 1:	\$ 48,674					
						CO 2:	\$ 19,454					
						CO 3:	\$ 60,567					
							\$ -					
							\$ -					
							\$ -					
							\$ -					
							\$ -					
							\$ -					
Total:	\$ 128,695											



LRC/Athletics Transformer Upgrade



LRC/Athletics Transformer Upgrade													
Project Start: 8.20.18						Project Completion: 10.26.18							
Project		Progress Highlights				Cost Breakdown		Orig. Budget	Rev. Budget	Cost To Date	%	Balance	
UPE769 / FSSTD		* Design: Completed January 2019											
Bond Type: XI-Q		** Construction: June 2019 - Sept. 2019											
						Design (5%):		\$ 28,650	\$ 28,650	\$ 23,505	82%	\$ 5,145	
Design: Fluent Engineering						Construction (87%):		\$ 179,750	\$ 179,750	\$ -	0%	\$ 179,750	
Build: Bob's Excavating						Other (8%):		\$ 36,600	\$ 36,600	\$ -	0%	\$ 36,600	
		Plan	Design	Bid	Build	Closeout	Project Totals:		\$ 245,000	\$ 245,000	\$ 23,505	10%	\$ 221,495
Budget Breakdown Series1 Series2 Series3						<u>CO's / Amendments</u>		Percent Complete (%) Cost To Date Balance					
							\$ -						
							\$ -						
							\$ -						
							\$ -						
							\$ -						
							\$ -						
							\$ -						
							\$ -						
							\$ -						
Total:							\$ -						





Capital Renewal Replacement Projects

UPE 773 – FY17/18 CRR Projects



CCR - UPE 773 , FY 17/18						
#	Project Description	Est. Cost	Final Cost	Bond Balance	Status	Date Complete
	UPE 773			\$ 2,760,605		
1	FACP Upgrades-PE/SN	\$ 5,745	\$ 5,745	\$ 2,754,860	Completed	30-Aug-17
2	PE Waterline N Upgrade	\$ 23,350	\$ 23,350	\$ 2,731,510	Completed	30-Aug-17
3	Chiller CH-1 and CH-2 Overhaul	\$ 125,480	\$ 101,650	\$ 2,629,860	Completed	30-Nov-17
4	LRC/Snell/PE Elev. Upgrades	\$ 231,315	\$ 231,315	\$ 2,398,545	Completed	29-Jun-18
5	CU Sidewalk Replacement	\$ 5,490	\$ 5,490	\$ 2,393,055	Completed	22-Sep-17
6	Well 1-4 Chlorine Syst. Upgrade	\$ 40,000	\$ 35,365	\$ 2,357,690	Completed	14-Dec-17
7	Purvine Chiller Compressor	\$ 25,000	\$ 26,597	\$ 2,331,093	Completed	9-May-18
8	Facilities Rollup Door (#3)	\$ 5,749	\$ 5,550	\$ 2,325,543	Completed	28-Mar-18
9	LRC Ventilator Heaters	\$ 7,350	\$ 7,135	\$ 2,318,408	Underway	15-Jan-19
10	Boivin Static Pressure	\$ 6,000	\$ 5,000	\$ 2,313,408	Completed	9-Apr-18
11	Athletics Exterior Upgrades	\$ 1,050,000	\$ 906,245	\$ 1,407,163	Completed	31-Dec-18
12	Purvine VFD's	\$ 10,000	\$ 9,655	\$ 1,397,508	Completed	27-Dec-18
13	Chiller Refrig. Monitor/Alarm	\$ 5,968	\$ 5,968	\$ 1,391,540	Completed	21-May-18
14	Athletics Hot Water Syst. Upgrade	\$ 134,020	\$ 136,370	\$ 1,255,170	Completed	31-Sept-18
15	Well 1 - Pump Replacement	\$ 35,000	\$ 24,570	\$ 1,230,600	Completed	21-Dec-18
16	Athletics West Side HC Entry	\$ 10,000	\$ 9,505	\$ 1,221,095	Completed	1-Mar-19
17	Powerplant Fall Protection	\$ 25,000	\$ -	\$ 1,196,095	Design	TBD
18	Purvine Geo Pump Replacement	\$ 25,000	\$ 18,765	\$ 1,177,330	Completed	23-Apr-19
19	Well 5 Rehabilitation	\$ 455,000	\$ -	\$ 722,330	Design	TBD
20	HX Geo Upgrades	\$ 345,500	\$ -	\$ 376,830	Design	TBD
21	Bottle Fill Upgrades	\$ 45,000	\$ -	\$ 331,830	Underway	TBD
22	Facilities Reroof	\$ 225,000	\$ -	\$ 106,830	Underway	TBD
23	Boivin HC Entry Door Upgrade	\$ 8,500	\$ -	\$ 98,330	Underway	TBD
24	Backflow Replacement (4)	\$ 15,000	\$ -	\$ 83,330	Pending	TBD
25	Chiller Plant - Bearing Replacement	\$ 8,500		\$ 74,830	Underway	TBD
26	Facilities HVAC Upgrade	\$ 75,000		\$ (170)	Pending	TBD
	Balance			\$ (170)		TBD

UPE – FY19/20 CRR Projects



CCR - UPE , FY 19/20						
#	Project Description	Est. Cost	Project Cost	Bond Balance	Status	Date Complete
	UPE			\$ 2,591,025		
	Balance forward - UPE 773	\$ (170)	\$ -	\$ 2,590,855		
1	LRC Exterior Repairs	\$ 10,000	\$ -	\$ 2,580,855	Pending	TBD
2	Snowmelt Connections	\$ 45,000	\$ -	\$ 2,535,855	Design	TBD
3	Replace GEO Isolation Valves	\$ 140,000	\$ -	\$ 2,395,855	Pending	TBD
4	Athletics Entry Lobby DM (73%)	\$ 145,000	\$ -	\$ 2,250,855	Pending	TBD
5	Connection Power Plant Effluent/Geo H	\$ 100,000	\$ -	\$ 2,150,855	Pending	TBD
6	Replace 4 FRP Pipe Elbows	\$ 45,000	\$ -	\$ 2,105,855	Pending	TBD
7	Replace Facilities MDP, Feeder, Secoun	\$ 137,500	\$ -	\$ 1,968,355	Pending	TBD
8	Bovin/Semon Vault, MDP, Feeders and	\$ 440,000	\$ -	\$ 1,528,355	Pending	TBD
9	Athletics Roof	\$ 345,000	\$ -	\$ 1,183,355	Pending	TBD
10	Bldg. HX Replacement (5)	\$ 175,000	\$ -	\$ 1,008,355	Pending	TBD
11	Replace ME Bldg. 12KV Switch Gear	\$ 625,000	\$ -	\$ 383,355	Pending	TBD
12	Replace ME Bldg. Substations	\$ 225,000	\$ -	\$ 158,355		
13		\$ -	\$ -	\$ 158,355		
	Balance			\$ 158,355		



Contact Information

Thom Darrah, Director of Facilities

Phone: 541.885.1661

Email: Thom.Darrah@oit.edu