

University of Oregon
Erb Memorial Union Expansion & Renovation

User Group Meeting #3

Programming Update

SERA Architects in association with AC Martin
November 9, 2011

WELCOME



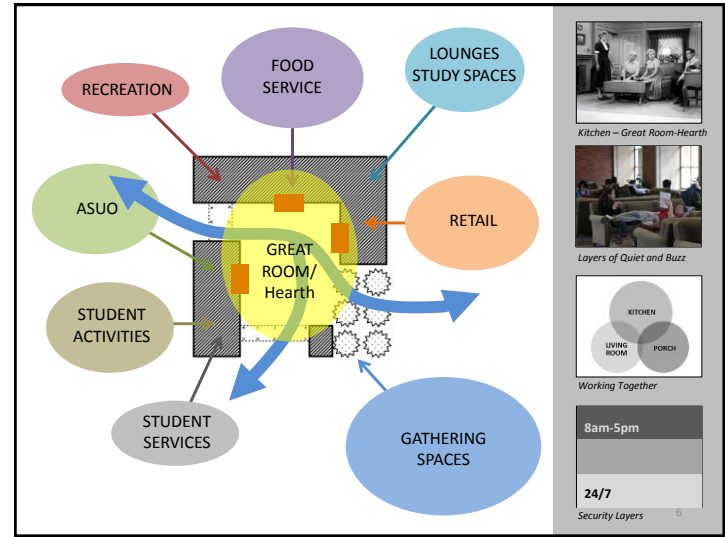
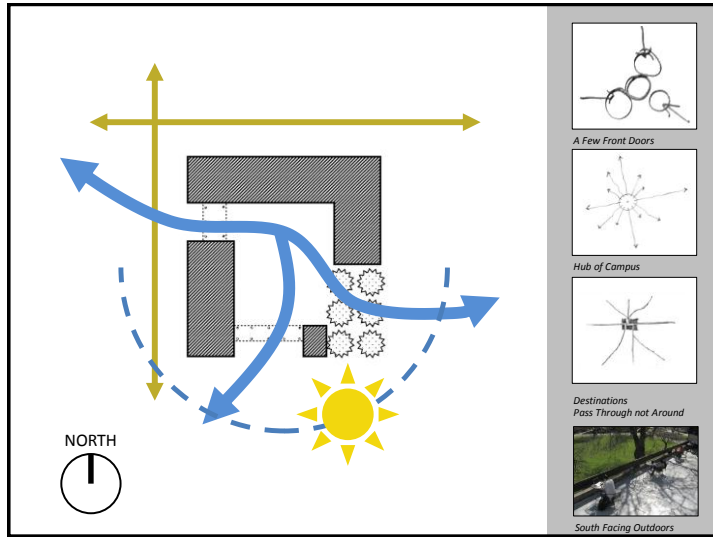
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**INTRODUCTORY
COMMENTS**

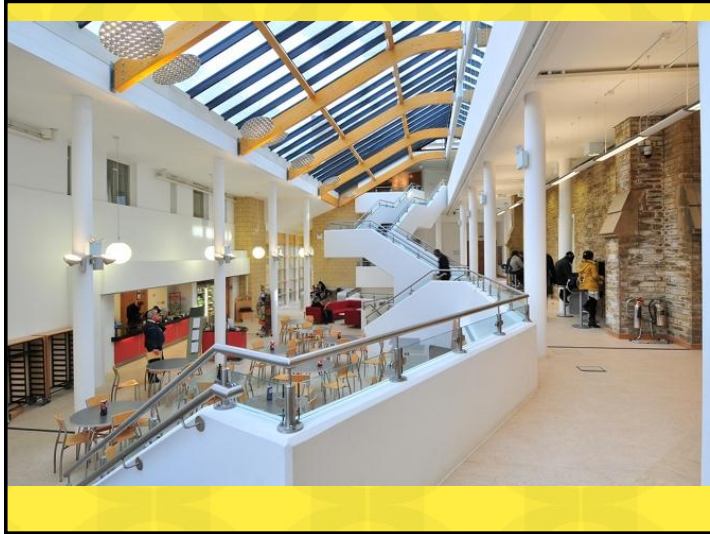
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PROGRAM UPDATE

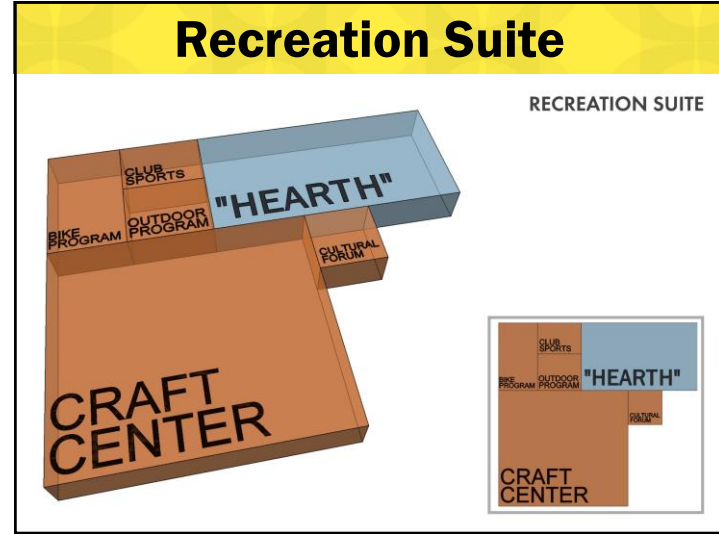
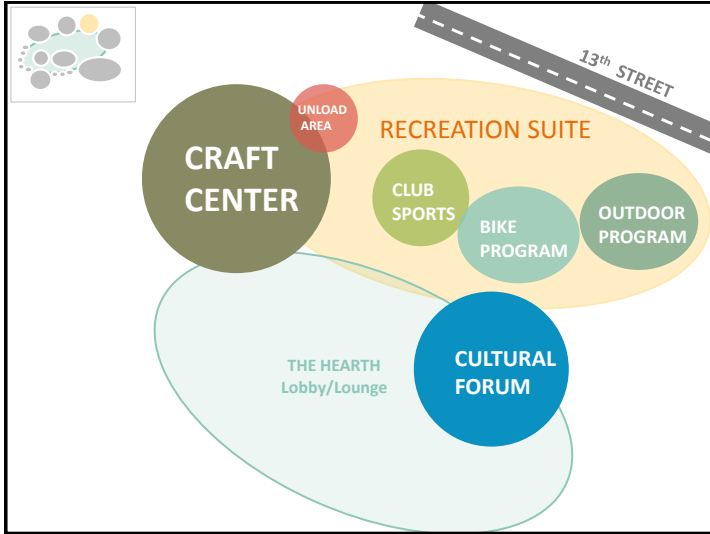
PURPOSE:
Update User Group on the program and
adjacencies

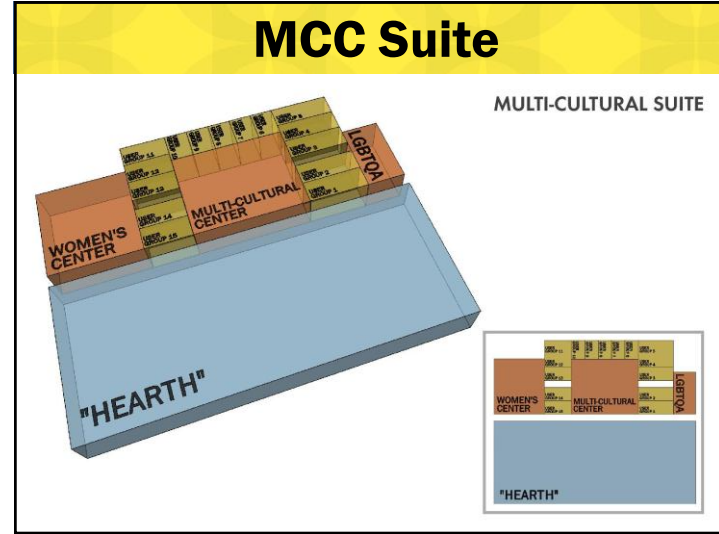
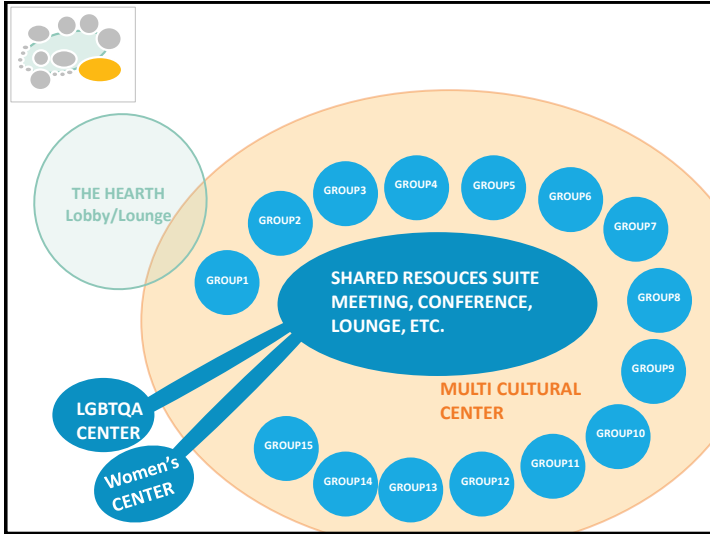
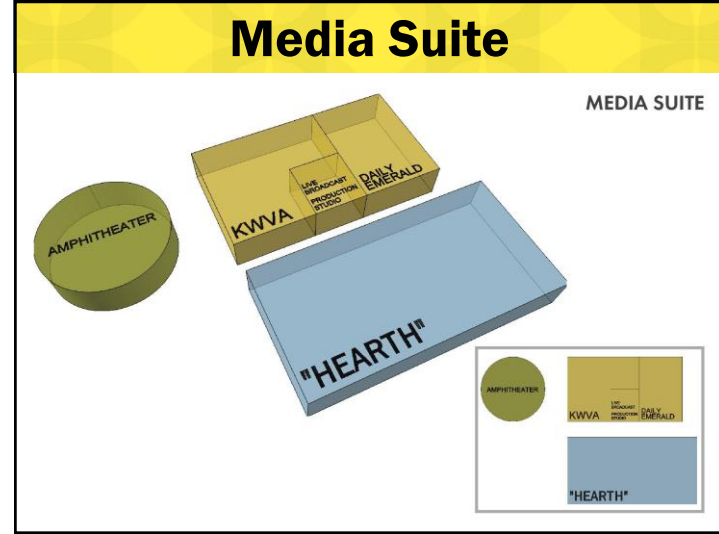
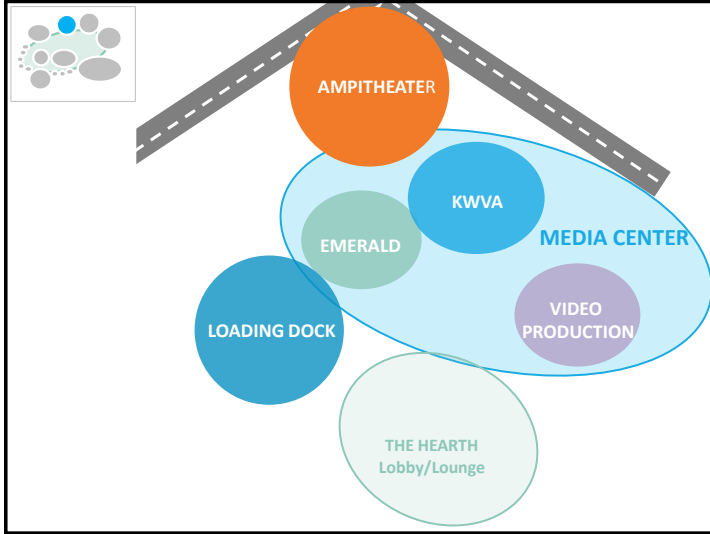


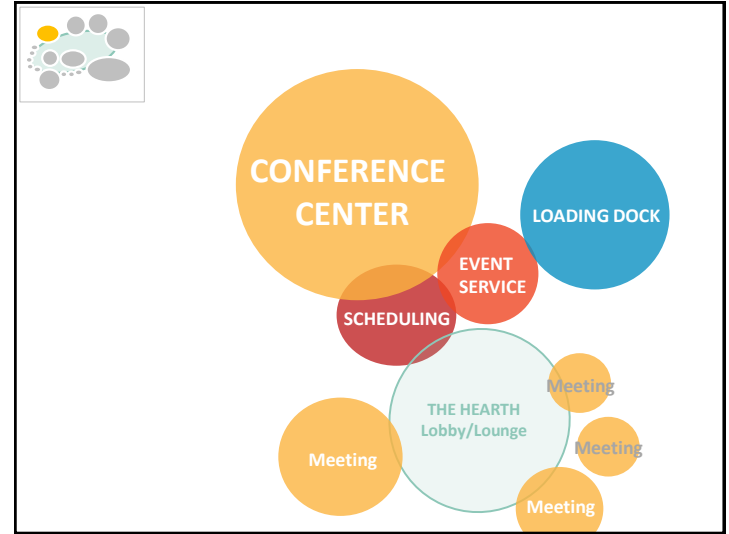
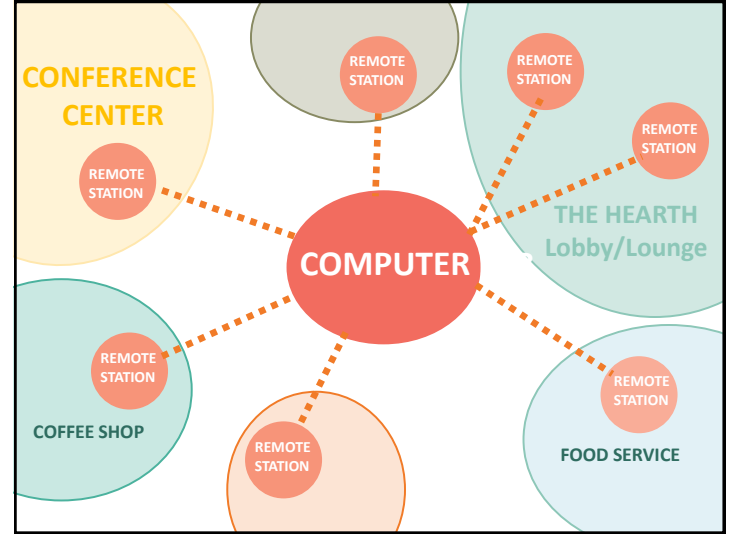
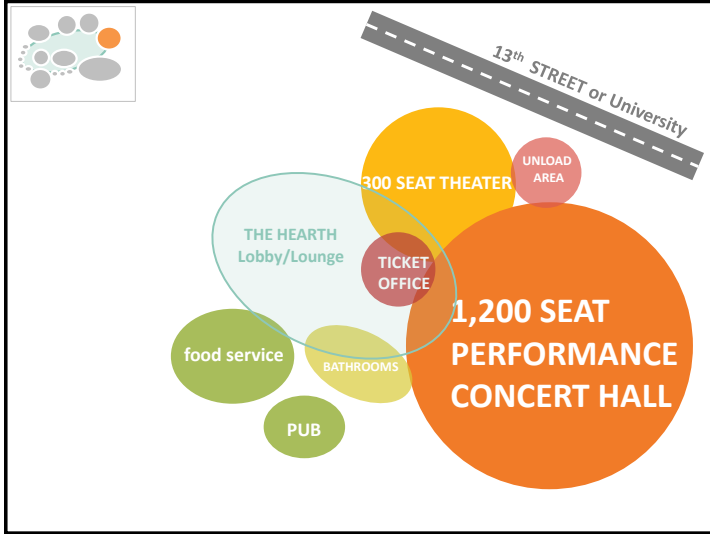


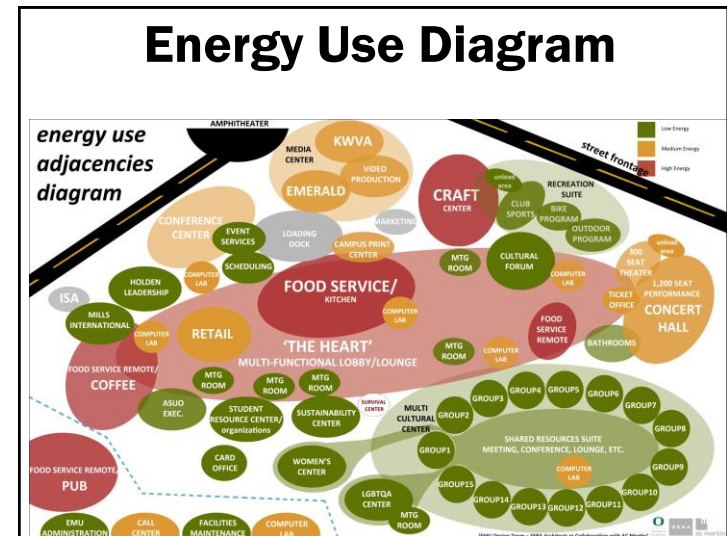
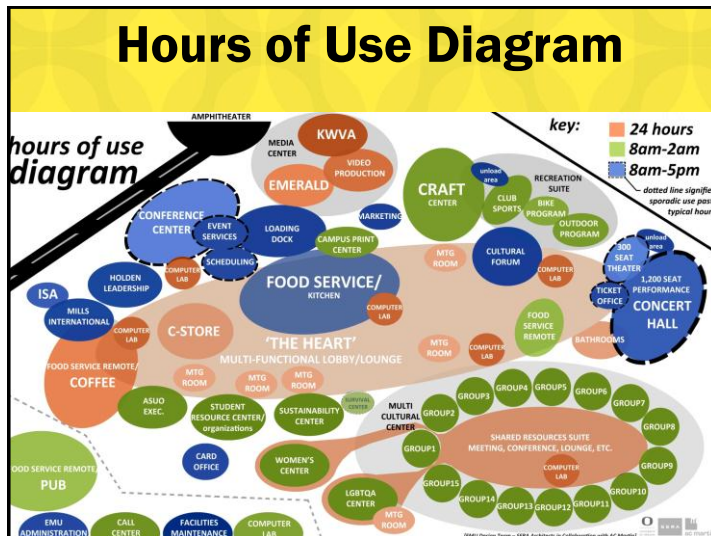
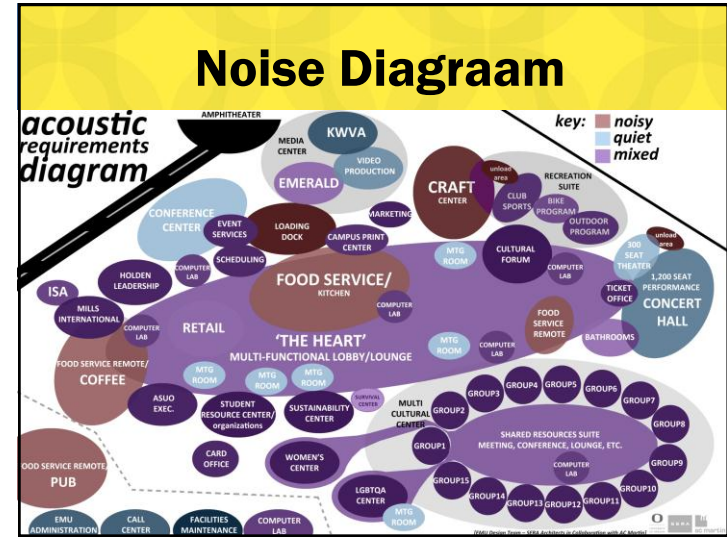
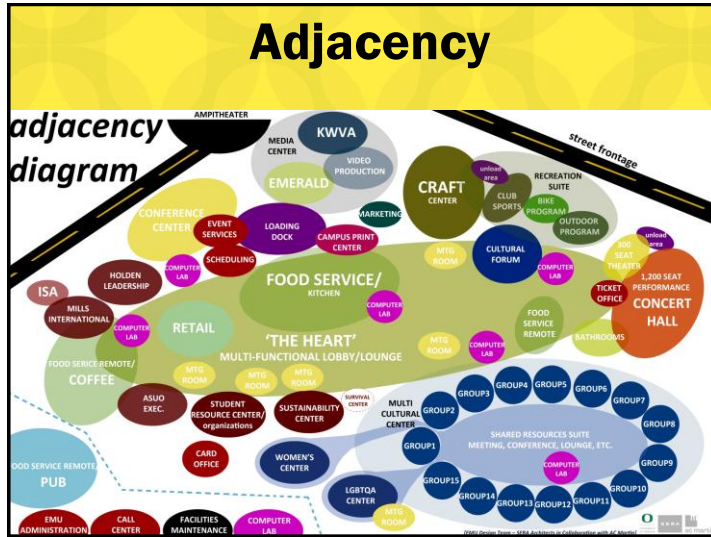


Affinity Clusters or 'Suites'

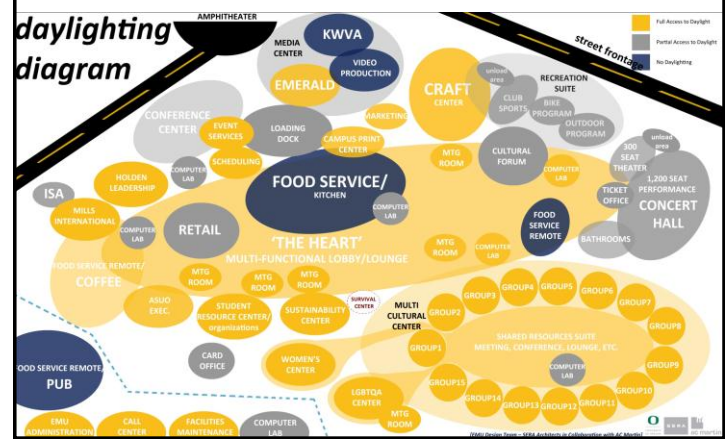




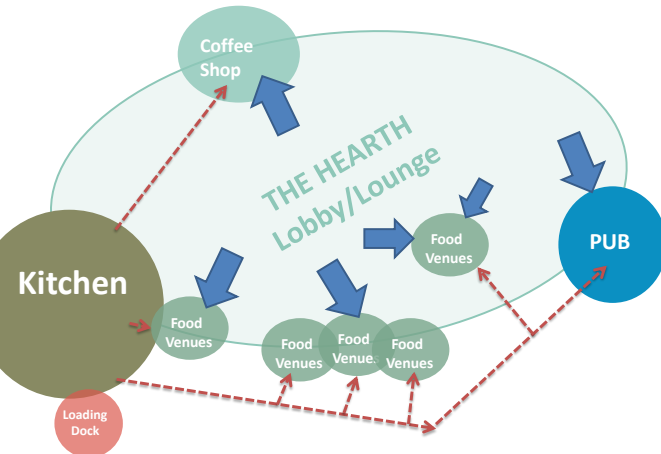




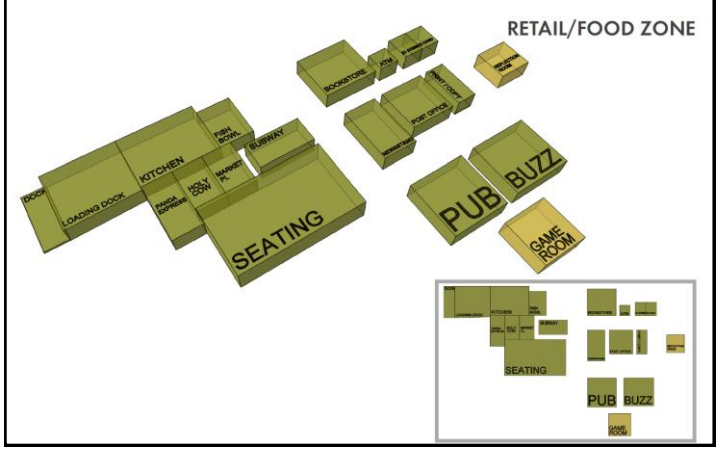
Daylight Diagram



Program Review



Food Service



Food Service

RETAIL ENTERPRISE ZONE - See Existing Strategic Spacebook

Kitchen / Food Service (see Business Development Plan)

Quantity	Unit	NAF	GF
1	2,300	2,300	3,565
	2	500	500
1	400	400	620
		3,500	5,085

Comments: Full suite
Office Space Support/Planning
Includes some space for organizing and composting building (see table below)
Storage Area (at each Retail Venue)

Leading Drink - Food Service

Quantity	Unit	NAF	GF
1	293	293	793
1	3,293	3,293	3,293
0	150	0	0
1	122	122	122
		4,408	4,408

Actual Size: no graining factor used
Platform
Quaking Apn
Needs Cook line for Candy Trail
Playing area: Using to help for ordering support
Chemical Storage
Back Rack
Frige Elevator Adjacent

Food Service Seating (13 Koz/Seat)

Quantity	Unit	NAF	GF
35	15	5,250	9,225
		5,250	9,225

(Pub and Coffee House NC seating included below)

Food Outlets (Food Service-Retail)

Quantity	Unit	NAF	GF
1	1,000	1,000	2,019
1	1,100	1,100	1,705
1	1,200	1,200	2,044
1	1,100	1,100	1,752
1	1,400	1,400	2,261
		6,800	9,781

Some of the support spaces shared (restrooms, lockers, card wash, etc.)
EMU Food Service
Food Vendor 1
Food Vendor 2
Food Vendor 3
Food Vendor 4

Coffee House (Food Service-Retail)

Quantity	Unit	NAF	GF
1	15	1,500	1,500
70	18	1,260	1,818
		3,000	3,318

Breakfast at least 200 (Support spaces shared)
Seating (18 SF per person)
Outdoor Awning

New Campus Pub (Food Service-Retail)

Quantity	Unit	NAF	GF
1	1,500	1,500	2,325
1	500	500	1,245
		2,000	3,570

Includes: Bar of House
Brewery Area (Brewery, etc.)
Some of the support spaces shared (restrooms, lockers, card wash, etc.)
Outdoor Awning

Subtotal Food Service **25,139** **37,885**

Retail

Convenience Store / Newsstand (Retail)

Quantity	Unit	NAF	GF
1	2,000	2,000	3,100
		2,000	3,100

Includes: Case with Dispenser
Outside Seating required during high production periods
Seating
Restrooms
Main Function/phone station
Storage closets
Internal Circulation Sector 25%
Suite Total

Point / Copy Center

Quantity	Unit	NAF	GF
1	35	108	107
		108	107

Service workstation for business reporting Cash
Photo Copier/Printer/Series 4500 workstation
Front Service Technician
Student members
Copy/Binding equipment
Production hardware area
Storage
Self Service machine outside suite
Internal Circulation Sector 25%
Suite Total

Post Office (Retail)

Quantity	Unit	NAF	GF
1	1,800	1,800	2,790
		1,800	2,790

Self Service/Waiting Area
Internal Circulation Sector 25%
Suite Total

Ticket Office / Box Office (Retail)

Quantity	Unit	NAF	GF
0	24	0	0
2	36	72	112
4	25	100	155
1	36	36	56
		338	433

Outside Seating required during high production periods
Seating
Restrooms
Main Function/phone station
Storage closets
Internal Circulation Sector 25%
Suite Total

US Card Office (Retail)

Quantity	Unit	NAF	GF
1	100	100	131
		100	131

Reception/Transaction counter (3 stations)
Outside Seating required during high production periods
Access workstation
Photo Capture Station, PC printer
Card/Binding station
Banner look-up station
Cash register/counter station
Storage for Cash and Office Supplies
Internal Circulation Sector 25%
Suite Total

Card Office Administration (Borrow from Card Office)

Quantity	Unit	NAF	GF
1	100	100	131
0	100	0	0
1	78	78	111
2	36	72	112
1	36	36	56
		286	411

Internal Circulation Sector 25%
Suite Total

EMU Network Support (Call +1 Leader)

Quantity	Unit	NAF	GF
0	450	0	0
		860	1,023

EMU Network Support (Call +1 Leader)
Network Support/Equipment, network support operation
Retail Office including Admin.
100% Retail Enterprise
2,444 **3,139**

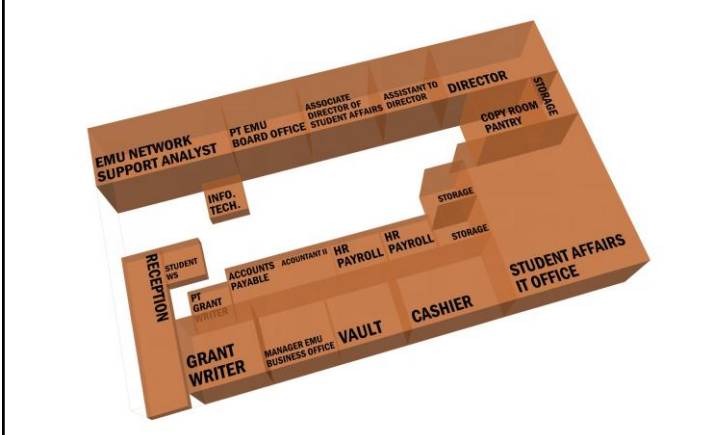
Administrative Suite

1. SPACE REQUIREMENTS
2. WORK STATIONS AND ACCESSORIES
3. ROOM DATA SHEETS
ADMINISTRATIVE SUITE

	Quantity	Unit	NAF	GF
Administrative Suite			722	4,482
Reception	1	50	50	75
Student Ambassadors	2	38	76	54
Staff Consultant Office	1	180	180	279
Director	1	64	64	99
Assoc. Director	1	64	64	99
Assistant to Director	1	38	38	55
Assistant to Director	1	38	38	55
Staff with Technology Assist. (Student)	1	20	20	31
Management Support Office	1	200	200	310
Card Office Administration (Borrow from Card Office)	1	100	100	131
Self-Catered Assistant (Student) work station	1	50	50	75
Staff Office	1	100	100	150
PT Grant Writer Office (Student)	1	30	30	45
Self-Management	1	44	44	66
Accounting/Finance work station	1	44	44	66
Accountant/Finance	1	44	44	66
HR/Personnel work station	1	44	44	66
HR/Personnel	1	44	44	66
PT Grant Writer Student staff	1	30	30	45
Self-Management	1	44	44	66
Waiting	1	100	100	150
Waiting Director	1	38	38	55
Waiting Reception	1	20	20	31
Waiting Student Staff & SA	1	180	180	279
Waiting Work Space	1	150	150	225
Support Office of Student and Faculty	1	80	80	120
Staff (Admin)	1	38	38	55
Support (Guest Room / Plants)	1	91	91	137
			4,482	722

Internal Circulation Sector 25%
Suite Total

Administration



EMU Marketing

1. SPACE REQUIREMENTS
CRAFT CENTER 100 SF

ROOM DATA SHEETS
MARKETING

Marketing Director	1	100	100	115
Marketing Assistant	1	36	36	36
Marketing Student Staff	5	216	216	227
Marketing Work Space	1	100	100	233
Marketing Student Staff (Office and Follow-up)	1	600	600	600
Marketing Student Staff (Selling)	1	100	100	115
Marketing Student Staff (Selling)	1	36	36	107
Marketing Student Staff (Selling)	1	36	36	115

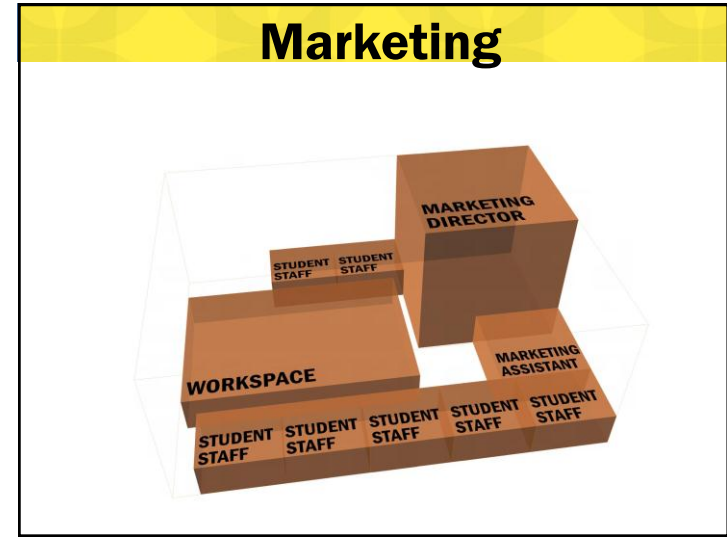
2. WORK STATIONS AND ACCESSORIES
MARKETING DIRECTOR
1 OFFICE W/ 100 SF

MARKETING ASSISTANT
1 WORKSTATION W/ 36 SF

MARKETING STUDENT STAFF
5 WORKSTATIONS W/ 216 SF

KITCHENETTE
100 SF

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open office 20 sq ft

enclosed office 100 sq ft

open office 36 sq ft

enclosed office 120 sq ft

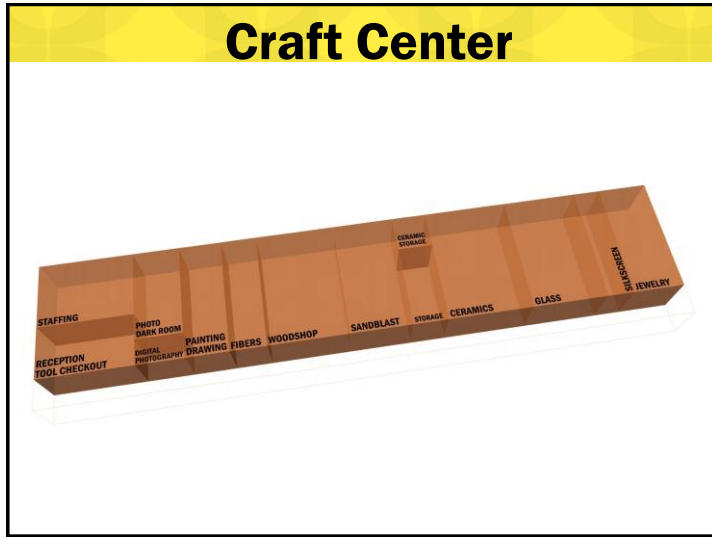
open office 64/80 sq ft

Craft Center

1. SPACE REQUIREMENTS
CRAFT CENTER 1000 SF

ROOM DATA SHEETS
CRAFT CENTER

Code	Quantity	Unit	NetSf	Gross Sft
101	1	1000	1000	1100
102	1	100	100	110
103	1	100	100	110
104	1	100	100	110
105	1	100	100	110
106	1	100	100	110
107	1	100	100	110
108	1	100	100	110
109	1	100	100	110
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197	1	100	100	110
198	1	100	100	110
199	1	100	100	110
200	1	100	100	110



Multi Cultural Center

EMU
Eastern Michigan University

1. SPACE REQUIREMENTS
Rough Area: 2,000 SF

2. WORK STATIONS AND ACCESSORIES

DIRECTOR
1 OFFICE @ 200 SF

STAFF WORKSTATION
4 WORKSTATIONS @ 200 SF

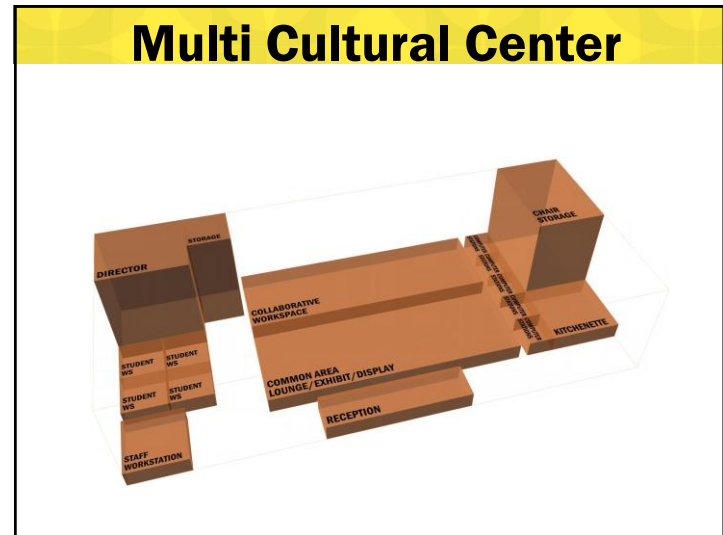
STUDENT WORKSTATIONS
4 WORKSTATIONS @ 200 SF

PRODUCTION EQUIPMENT
4 WORKSTATIONS @ 200 SF

STATIONERY
100 SF

ROOM DATA SHEETS
MULTI-CULTURAL CENTER

Multi-Cultural Center	Quantity	Unit	MSF	GSF
Reception	1	100	100	100
Staff	1	120	120	100
Student Workstation (Office)	1	50	50	50
Staff Work Station	1	50	50	50
Student Work Station	1	100	100	100
Collaborative Workspace/Resource Library (20' perimeter)	1	400	400	420
Common Area for the following: - meeting - student lounge - student storage - common area wall of common area	1	200	200	150
Staff Storage	1	100	100	100
Storage	1	50	50	50
TOTAL			1,620	2,250
Multi-Cultural Center (Total GSF)				2,050
Multi-Cultural Center (Netto Storage)				0
Large Meeting Room (20' perimeter)			1,200	0



Student Unions

EMU
015 International Union

1. SPACE REQUIREMENTS
STUDENT UNIONS

ROOM DATA SHEETS
UNION SERVICE ZONES
STUDENT UNIONS PROGRAM

2A. WORK STATIONS AND ACCESSORIES - MODULE 1
STUDENT WORKSTATIONS
2 WORKSTATIONS @ 20' SF

2B. WORK STATIONS AND ACCESSORIES - MODULE 2
STUDENT WORKSTATIONS
2 WORKSTATIONS @ 20' SF

2C. WORK STATIONS AND ACCESSORIES - MODULE 3
STUDENT WORKSTATIONS
2 WORKSTATIONS @ 20' SF

Student Unions	Quantity	Unit	MSF	GSF
Student Union Module 1 Project	2	36	72	112
Student Work Stations	2	20	40	62
Storage / Chair Space	1	108	108	270
Each			200	442
Quantity of Module 1 Unions	5		1,000	1,610
Student Union Module 2 Project	4	20	80	124
Student Work Stations	4	20	80	124
Storage / Chair Space	1	120	120	300
Each			220	348
Quantity of Module 2 Unions	5		1,100	1,794
Student Union Module 3 Project	2	20	40	62
Student Work Stations	2	20	40	62
Storage / Chair Space	1	100	100	250
Each			120	212
Quantity of Module 3 Unions	5		700	1,060
TOTAL Student Unions	35		8,475	12,211

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Woman's Center

EMU
015 International Union

1. SPACE REQUIREMENTS
WOMAN'S CENTER

ROOM DATA SHEETS
CLUB SPORTS

2. WORK STATIONS AND ACCESSORIES
STUDENT WORKSTATIONS
1 WORKSTATION @ 20' SF

STAFF WORKSTATIONS
2 WORKSTATIONS @ 20' SF

OFFICE SPECIALLY DESIGNATED
OFFICE @ 60' SF

ASSISTANT COORDINATOR'S OFFICE
OFFICE @ 60' SF

DIRECTOR'S OFFICE
OFFICE @ 120' SF

MAIL CUBBLES
100'

BOBBED PROVIDER STATION
100'

Club Sports	Quantity	Unit	MSF	GSF
Workstation (Desk, Chair, Office)	1	120	120	300
Storage for the Teachers	1	200	200	500
Shared Printer Station	1	80	80	210
Workstation (100')	1	100	100	250
Director (Professional Office)	1	120	120	300
Assistant Coordinator (Desk, Chair, Workstation, Office)	1	60	60	150
Office (Specialized Workstation)	1	60	60	150
Staff Work Station (Desk)	2	40	80	122
Student Coordinator Work Station	12	12	144	233
Storage	1	90	90	90

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Women's Center

FUNCTIONAL ZONES:

- MULTI-USE ROOM COMP. STATIONS
- LACTATION ROOM
- SVPE DIRECTOR
- DIRECTOR
- STORAGE
- OFFICE COORDINATOR
- LOUNGE SPACE WORK AREA GATHERING
- RECEPTION
- RECEPTION WORKSTATION
- STUDENT WS (multiple units)

LGBTQA

EMU
015 International Union

1. SPACE REQUIREMENTS
LGBTQA

ROOM DATA SHEETS
LGBTQA

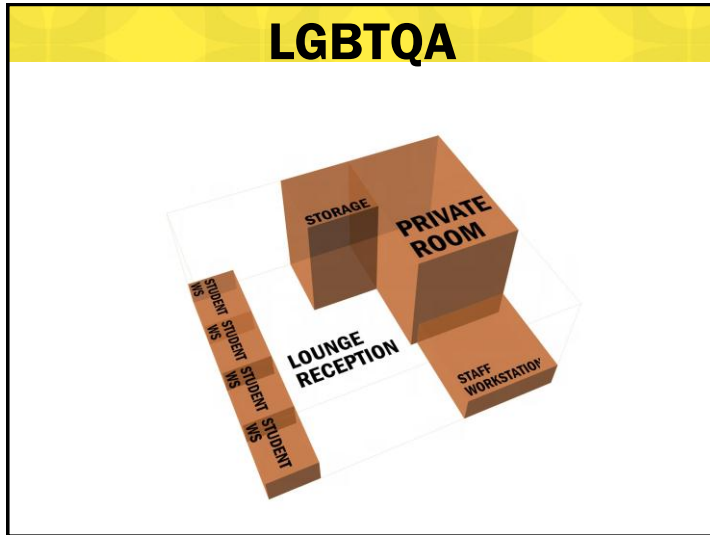
2. WORK STATIONS AND ACCESSORIES
STUDENT WORKSTATIONS
1 WORKSTATION @ 20' SF

STAFF WORKSTATIONS
1 WORKSTATION @ 20' SF

PRIVATE ROOM
OFFICE @ 20' SF

LGBTQA	Quantity	Unit	MSF	GSF
Staff Work Station	1	20	40	62
Student Work Station	4	20	80	124
Shared Printer Station	1	100	100	250
Storage (Space/Workstation projects)	1	100	100	250
Storage	1	30	30	75
TOTAL			400	600
Interior Circulation (Perfor. Fills)			200	500
Net Area			600	600
Conference Room (2 people)	0	120	0	0

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Sustainability Center & Survival Center

EMU
East Michigan University

1. SPACE REQUIREMENTS
TOTAL AREA: 120,000 SF

2. WORK STATIONS AND ACCESSORIES

COORDINATOR
1 WORKSTATION @ 120 SF

STUDENT WORKSTATIONS
1 WORKSTATION @ 20 SF

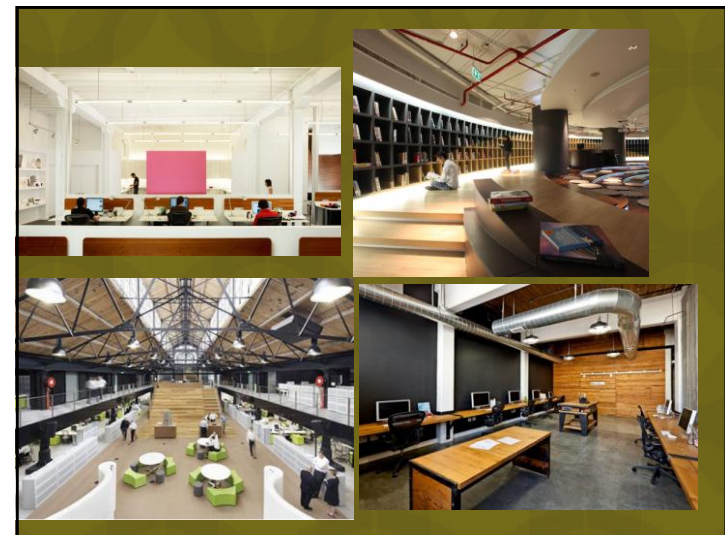
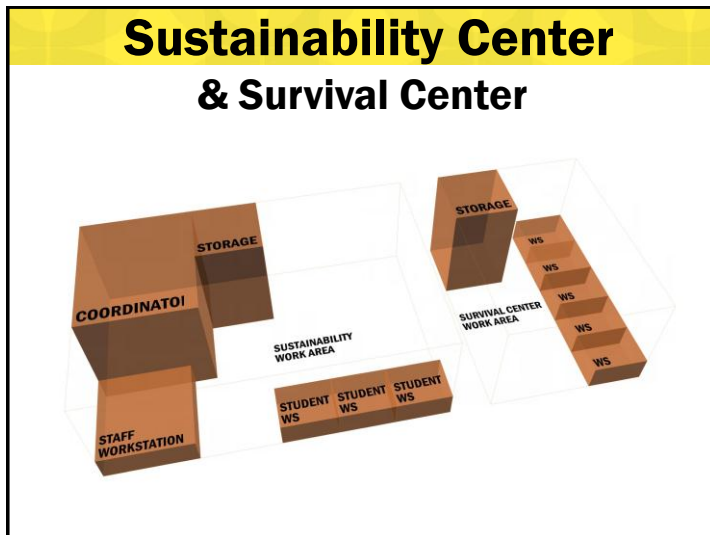
STAFF WORKSTATIONS
1 WORKSTATION @ 20 SF

SURVIVAL CENTER
1 WORKSTATION @ 20 SF

ROOM DATA SHEETS
UNION SERVICE ZONES
SUSTAINABILITY CENTER AND
SURVIVAL CENTER PROGRAM

Room Name	Quantity	Unit	MSF	SF
Coordinator (Workstation)	1	120	120	186
Staff Workstation	1	20	20	30
Student Workstation	1	20	40	60
Staff Work workstation/program area	1	200	200	300
Storage	1	30	30	45
Sub Total			460	744
Survival Center			200	
Complete workstation	1	20	200	300
Storage	1	80	80	124
Storage	1	30	30	45
Sub Total			230	369
Combined Sustainability and Survival Center			690	1113
Sustainability Center Access Storage			100	
Conference Room (100)	0	400	0	0
Total			1,000	1,482

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Mills International Center

EMU International Center

1. SPACE REQUIREMENTS

2. WORK STATIONS AND ACCESSORIES

ROOM DATA SHEETS

BIKE PROGRAM

Item	Quantity	Unit	NAEP	GSF
Explosion-Resistant Acrylic Wall Panel	1	200	100	100
Wall	1	200	100	100
Mail Program Coordinate Support	1	200	100	100
Mail Program Staff (2)	1	200	100	100
Office Furniture	1	200	100	100
Shelving (Program/Resource Space Included Above in Student Program)	1	200	100	100
Mail Program	1	200	100	100
Mail Mailboxes (Station 1 + 2) Mail Station	1	200	100	100
Mail Mail Storage (2)	1	200	100	100
Service Counter Area Storage (2)	1	200	100	100
Sub-Total Total MS		1,000	500	500
Internal Circulation Factor 20%			100	100
Mail Total			1,100	600

Mills Center Total MS

Bike Program Coordinate Support with Student Program

Mail Mailboxes (Station 1 + 2) Mail Station

Mail Mail Storage (2)

Service Counter Area Storage (2)

Mills Center Reception Storage

Quantity: 1 Unit: 100 NAEP: 0 GSF: 0

Internal Circulation Factor 20%

Mail Total

Quantity: 1 Unit: 100 NAEP: 0 GSF: 0

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Cultural Forum

EMU Cultural Forum

1. SPACE REQUIREMENTS

2. WORK STATIONS AND ACCESSORIES

ROOM DATA SHEETS

CULTURAL FORUM

Item	Quantity	Unit	NAEP	GSF
Reception Shelving	1	200	100	100
Reception	1	200	100	100
Office Manager	1	200	100	100
Production Coordinator	1	200	100	100
Reception (2)	2	200	100	100
Reception Coordinate (2)	2	200	100	100
Reception Area for 100 students	1	200	100	100
Office Table	1	200	100	100
Reception/Personal Support	1	200	100	100
Storage	1	200	100	100
Sub Total		1,000	500	500
Internal Circulation Factor 20%			100	100
Cultural Forum Reception Storage		1,100	600	
Production Area (2) Staff		0	100	0
Grand Total			1,200	600

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Holden Center

EMU Holden Center

1. SPACE REQUIREMENTS

2. WORK STATIONS AND ACCESSORIES

ROOM DATA SHEETS

HOLDEN CENTER

Item	Quantity	Unit	NAEP	GSF
Reception (2)	2	200	100	100
Reception/Personal Support	1	200	100	100
Academic Director (1 individual office)	1	200	100	100
Academic Director (1 personal office)	1	200	100	100
Faculty and Security Advisor (shared office)	1	200	100	100
Office Manager (1 individual office)	1	200	100	100
Open Resource Space (100 individual workstations)	1	100	100	100
Open Resource Space (100 individual workstations)	1	100	100	100
Office Manager (individual)	1	200	100	100
Production Coordinator (individual)	1	200	100	100
Production/Personal Support	1	200	100	100
Production/Personal Support	1	200	100	100
Production/Personal Support	1	200	100	100
Production/Personal Support	1	200	100	100
Production/Personal Support	1	200	100	100
Production/Personal Support	1	200	100	100
Production/Personal Support	1	200	100	100
Sub Total		1,000	500	500
Internal Circulation Factor 20%			100	100
Holden Center Reception Storage		1,100	600	
Production Area (2) Staff		0	100	0
Grand Total			1,200	600

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Holden Center

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Computer Center

EMU
1975 International Station

1. SPACE REQUIREMENTS
15,000 SQ. FT. (15,000)

ROOM DATA SHEETS
COMPUTER CENTER

Room	Quantity	Unit	MSF	GSF
Director's Office <td>1</td> <td>200</td> <td>120</td> <td>120</td>	1	200	120	120
Staff Work Stations <td>2</td> <td>250</td> <td>120</td> <td>120</td>	2	250	120	120
Computer Classroom <td>1</td> <td>350</td> <td>500</td> <td>850</td>	1	350	500	850
Workshop <td>1</td> <td>200</td> <td>100</td> <td>100</td>	1	200	100	100
Storage <td>1</td> <td>100</td> <td>50</td> <td>50</td>	1	100	50	50
Total			1,490	2,060

2. WORK STATIONS AND ACCESSORIES

STUDENT WORKSTATIONS
2 WORKSTATIONS @ 20 SF

OFFICE WORKSTATIONS
1 OFFICE @ 100 SF

COMPUTER LAB
10 WORKSTATIONS @ 20 SF

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Computer Center

Club Sports

EMU
1975 International Station

1. SPACE REQUIREMENTS
10,000 SQ. FT. (10,000)

ROOM DATA SHEETS
CLUB SPORTS

Room	Quantity	Unit	MSF	GSF
Director's Office <td>1</td> <td>200</td> <td>120</td> <td>120</td>	1	200	120	120
Assistant Coordinator <td>1</td> <td>200</td> <td>120</td> <td>120</td>	1	200	120	120
Office Specialist <td>1</td> <td>100</td> <td>80</td> <td>124</td>	1	100	80	124
Staff Work Stations <td>2</td> <td>250</td> <td>120</td> <td>120</td>	2	250	120	120
Student Coordinator Work Stations <td>12</td> <td>12</td> <td>144</td> <td>216</td>	12	12	144	216
Storage	1	100	50	50

2. WORK STATIONS AND ACCESSORIES

STUDENT WORKSTATIONS
2 WORKSTATIONS @ 20 SF

OFFICE SPECIALIST WORKSTATION
1 WORKSTATION @ 100 SF

ASSISTANT COORDINATOR'S OFFICE
1 OFFICE @ 100 SF

DIRECTOR'S OFFICE
1 OFFICE @ 100 SF

MAIL CUBES
100

SHARED PRINTER STATION
1

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Club Sports

Outdoor Program

1. SPACE REQUIREMENTS
TOTAL AREA: 2,024 SF

2. WORK STATIONS AND ACCESSORIES
TOTAL AREA: 2,024 SF

ROOM DATA SHEETS
OUTDOOR PROGRAM

Room	Quantity	Unit	MSF	SF
Reception	1	200	200	150
Office Manager	1	200	200	150
Program Coordinator	1	200	200	150
Assistant Coordinator	1	200	200	150
Student Work Station	1	200	200	150
Storage	1	200	200	150
TOTAL			800	2,024
Internal Circulation (Area Only)			200	
Sub Total				2,024

Outdoor Program

3D block diagram illustrating the layout of the Outdoor Program space. Key areas include: RECEPTION, OFFICE MANAGER, ASSISTANT COORDINATOR, PROGRAM COORDINATOR, and STUDENT WS (Student Work Stations).

ASUO Program

1. SPACE REQUIREMENTS
TOTAL AREA: 2,024 SF

2. WORK STATIONS AND ACCESSORIES
TOTAL AREA: 2,024 SF

ROOM DATA SHEETS
ASUO

Room	Quantity	Unit	MSF	SF
ASUO / Student Government	1	200	200	150
ASUO Executive Director	1	200	200	150
ASUO Assistant Executive Director	1	200	200	150
ASUO Program Manager	1	200	200	150
ASUO Student Work Station	1	200	200	150
ASUO Storage	1	200	200	150
TOTAL			800	2,024
Internal Circulation (Area Only)			200	
Sub Total				2,024

ASUO

3D block diagram illustrating the layout of the ASUO space. Key areas include: RECEPTION, ASUO OFFICE ADVISOR, ASUO LEADERSHIP ADVISOR, ASUO OFFICE ACCOUNT, ASUO OFFICE COORD., STORAGE, EXEC. STAFF, CHIEF OF GTF STAFF, ASUO VP, ASUO PRESIDENT, DEDICATED WORK AREA, SHARED WORK AREA, SENATE SENATE SENATE SENATE SENATE SENATE, CONTROLLER CONTROLLER CONTROLLER CONTROLLER, ADMIN ASSIST. FINANCE, PROGRAM DEPT. FINANCE, ATHLETICS FINANCE, SENATE PRESIDENT.

Resource Center

EMU
EMU Educational Center



2. WORK STATIONS AND ACCESSORIES
 Advisor Workstation - Advisor
 2 OFFICE @ 120' x 48"
 240' x 96" x 12"



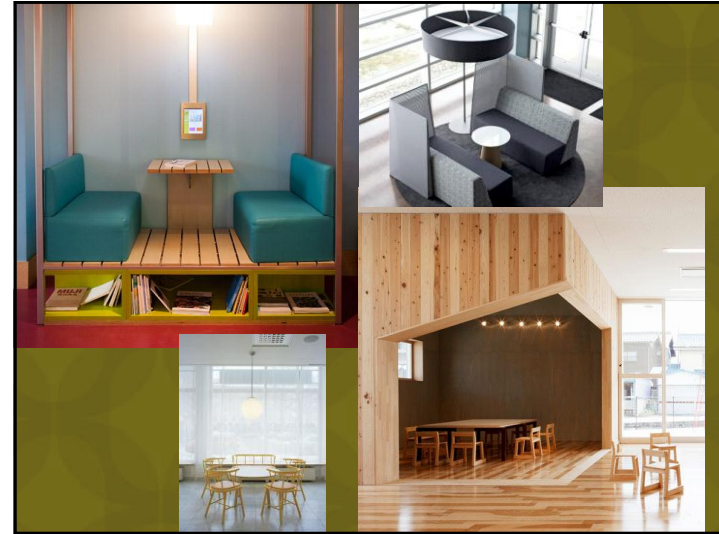
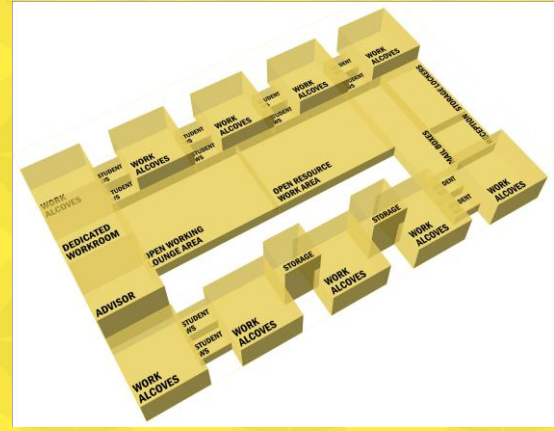
STUDENT OR WORKSTATION
 12 WORKSTATIONS @ 20' x 48"
 240' x 96" x 12"

ROOM DATA SHEETS
RESOURCE CENTER

Resource Center for Student Organizations	Quantity	Unit	MSRP	GSF
Director's Office - Desk	1	24"	174	174
ADSD Program Advisor	1	100	100	100
Student Organizations Open Plan Workstations	12	20'	240	2880
Open Resource Work Area 1	1	300	300	465
Work Tables				
Open Plan Work Area 2A - 2A	2	300	300	465
Open Plan Work Area 2B				
Large meeting	1	100	100	175
Meeting table/Accessories/Room partition	100	100	1,000	1,000
Dedicated small workstation (2)	1	100	100	175
Work Resource Technology (2) @ 48"	2	100	200	300
Work Resource Technology (2) @ 48"	2	100	200	300
Storage Bench/Seating	2	50	100	150
Storage Lockers - Double Top 12"	200	1	200	100
TOTAL			4,638	4,638
Internal Circulation Factor (20%)			928	928
Sub Total			5,566	5,566
Resource Center Available Storage	0	100'	0	0

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Resource Center





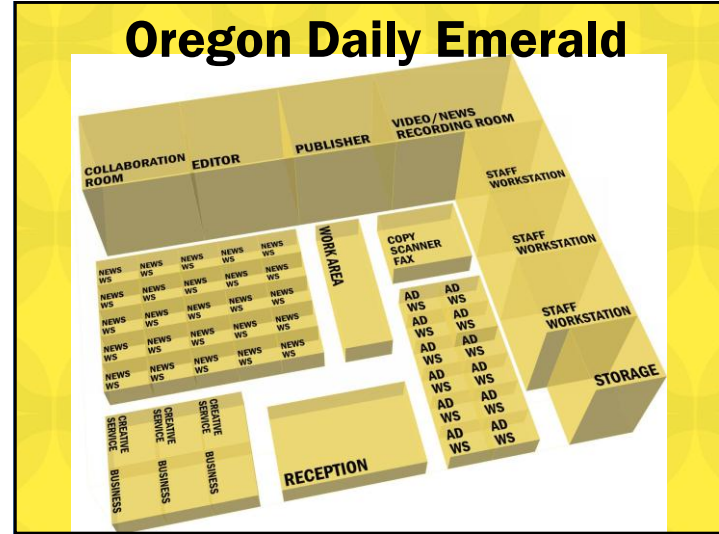
Oregon Daily Emerald

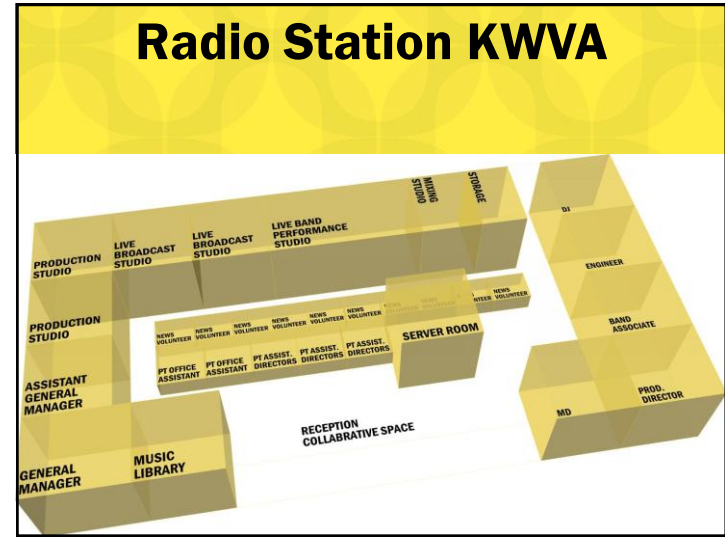
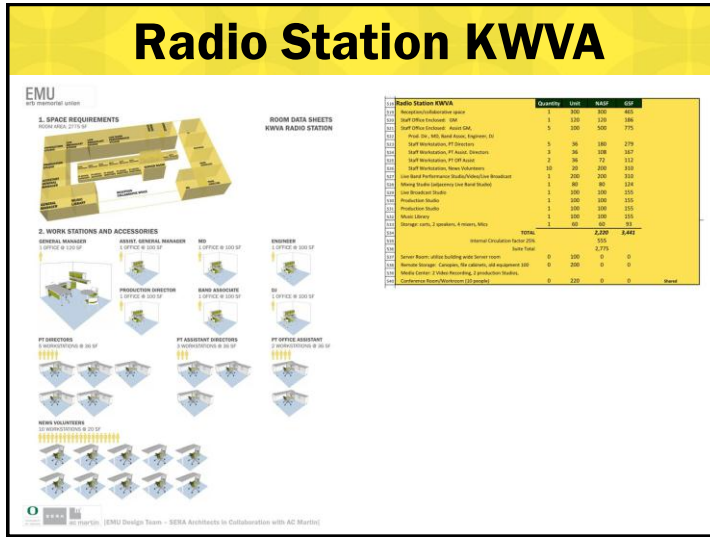
1. SPACE REQUIREMENTS
20,000 SF

2. WORK STATIONS AND ACCESSORIES
1,000 SF

ROOM DATA SHEETS
OREGON DAILY EMERALD

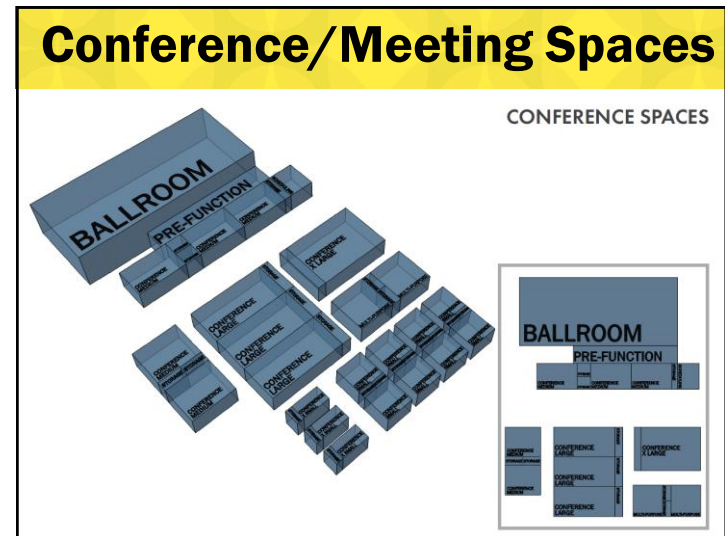
Room Name	Quantity	Unit	MSF	SF
Manufacturing/Production Meeting	1	200	200	200
Staff Office Enclosure	1	200	200	200
Publisher	1	200	200	200
Editor	1	200	200	200
Staff Workstation	9	64	576	296
Production workstation	25	12	300	460
Advertising	12	12	144	233
Creative Services	1	20	60	93
Reception	1	20	60	93
Work Area Tables	1	100	100	100
Collaboration Room	1	200	200	200
Video/News Recording Room	1	100	100	233
Storage	1	50	50	78
Storage	1	50	50	78
TOTAL			2,442	2,298
Internal Circulation Factor 20%			488	
Grand Total			2,930	
Delivery & Storage	0	200	0	0
Oregon Daily Emerald Remote Storage/Archives	0	200	0	0
Conference Room (Off project)	0	200	0	0





Lounge/Spaces Info Desk

Lounge Spaces / Information Desk	Quantity	Unit	NASF	GSF
General Lounge & Atrium Space Includes 2500 SF for atrium space Includes TV Lounges throughout Supplemental Atrium Space to Create Heart/Hearth	1	12,500	12,500	19,375
Art Gallery Lounge	1	400	400	620
Art Staging Area	1	200	200	310
Local Gallery Storage	1	200	200	310
Dispersed Integrated Display for Artwork	1	400	400	620
Print/Computer Stations	20	35	700	1,085
Information Center At night use for DDS if has 24/7 access	1	300	300	465
TOTAL			14,700	22,785
Remote Permanent Art Storage (tempered air)	0	200	0	0



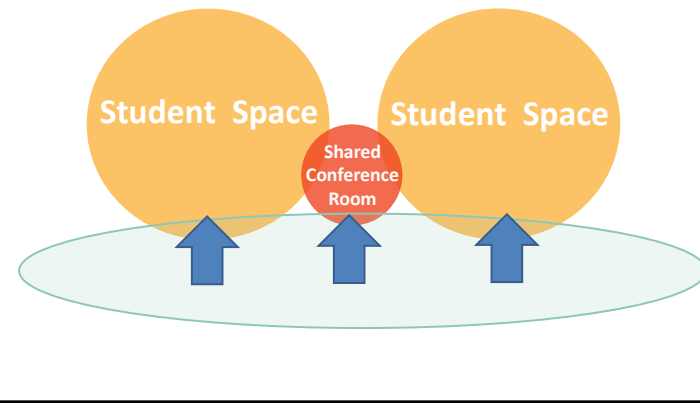
Conference/Meeting Spaces

Conference Spaces/Meeting Rooms	Quantity	Unit	NASF	GSF	Notes
Meeting Conference Room - Very Large (80) people	1	2,276	2,276	3,213	about
Very Large CR Storage	1	250	250	390	
Meeting Conference Room - Large (50) people	2	1,038	2,076	3,560	about
Large CR Storage	2	200	400	530	
Meeting Conference Room - Medium (40) people	5	500	2,500	3,375	
Medium CR Storage	5	80	400	531	
Multiple Room (20 people)	2	800	1,600	2,480	
Medium CR Storage	2	80	400	491	
Meeting Conference Room - Small (18 people)	8	430	3,440	4,368	about
Small CR Storage	8	50	400	631	
Meeting Conference Room - Smaller (10 people)	2	220	440	1,023	about
Smaller CR Storage	2	50	100	131	
D&L Board Room - 8 Bd. Mem. (20 seats) (2nd Floor)	1	500	500	775	Need of Custom VTR in
Board Room Storage	1	50	50	75	
Performance/Arts/Production/Rehearsal Room (with storage)	1	400	400	620	
Performance/Arts/Production/Rehearsal Room Storage	1	50	50	75	
Meeting Rooms Total	25	11,000	21,612	27,617	
Storage Rooms Total	23	2,820	2,820	3,770	about
Total Meeting Rooms and Storage			24,432	31,387	

Multi Functional Auditorium	Quantity	Unit	NASF	GSF	Notes
Cinema, meeting, rehearsal	1	4,000	4,000	6,200	about
Auditorium Theater (200 or 400 seats)	1	800	800	1,215	about
Auditorium Theater Back of House/Storage	1	200	200	295	
Projection Room	1	200	200	295	
TOTAL			4,700	7,295	

Bathroom	Quantity	Unit	NASF	GSF	Notes
Bathroom/Staff Meeting	1	5,024	5,024	7,327	about
Bathroom Meeting Room (2)	1	1,752	1,752	2,716	
Bathroom Stage	1	1,437	1,437	2,230	
Bathroom Meeting/Storage	1	797	797	1,225	
Bathroom Event Storage/Side	1	50	50	75	
Bathroom Event Storage/Back	1	39	39	53	
Bathroom Event Storage	1	32	32	46	
Pre-Session Space Waiting	1	887	887	1,325	
Pre-Session Space Storage	1	1,090	1,090	1,590	
Meeting/Event Storage	1	800	800	1,240	
Bathroom Back of House (2nd Floor) Meeting	1	244	244	353	
Preparation Room/Control Room	1	50	50	75	
Stage Lighting Room 1	1	56	56	87	
Stage Lighting Room 2	1	505	505	753	
Green Room 1	1	248	248	361	
Green Room 2	2	0	0	0	
Additional Storage	2	0	0	0	
TOTAL			14,512	21,169	

Shared Spaces



Shared Conference Rooms

Precinct Located Conference rooms	Quantity	Unit	NASF	GSF
Women's Center				
Conference Room (25)	1	1,200	1,200	1,860
Multi Cultural Center				
Large Meeting Room (55 people)				
Holden Leadership Center				
Shared Conference Room (18)	1	400	400	620
Sustainability Center				
Conference Room (18)				
Club Sports				
Conference Room (18) for mtgs & driver training				
Ticket Office/Box Office				
Conference room (10)				
Cultural Forum	1	220	220	341
Conference Room (10 seats)				
ASUO / Student Government				
Conference Room (10 People)				
Daily Emerald				
Conference Room (10 people)	1	220	220	341
KWVA				
Conference Room/Workroom (10 people)				
Administration				
Staff Conference Room (10)	1	220	220	341
Facilities Maintenance				2,360
Conference Room (12 seats)				
Conference Services				3,503
Conference Room (10 seats)				
TOTAL				

Included in Meeting room inventory

Conference Support Services

Conf. Services Support Spaces	Quantity	Unit	NASF	GSF
Reception	1	64	64	99
Scheduling Staff Offices	13	100	1,300	2,015
Schedule Office Open Work Stations	2	36	72	112
3 students at each workstation				
Work Area	1	200	200	310
work tables, copier, kitchenette				
Storage	1	36	36	56
TOTAL			1,608	2,492
Remote Storage for Conf. Services	1	100		
Conf Serv. Shared Meeting Room (10)				

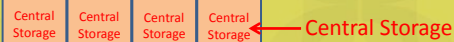
Facilities Maintenance

Facilities Maintenance Custodial	Quantity	Unit	NASF	GSF	Remain in Mezz
Reception Area	1	64	64	99	
Staff					
Facilities Director (enclosed office)	1	120	120	186	
Custodial Services Supervisor (workstation)	1	80	80	124	
Office Manager/Project Supervisor (workstation)	1	80	80	124	
Custodial Coordinator (workstation)	1	36	36	56	
General Maintenance Mechanic (workstation)	1	80	80	124	
Laborer (workstation)	1	64	64	99	
Custodians (6 Full-time shared)	3	36	108	167	
Student Office Assistants (5 Part-time shared)	2	36	72	112	
Student Maintenance/Custodians (3 Part-time shared)	1	36	36	56	
Temporary Staff (3 Full-time shared)	0	36	0	0	
	1	150	150	233	
Work Area/Drawing Storage	1	1,307	1,307	2,026	
Maintenance Shop (per mezz. area)	1	679	679	1,052	
Wood Shop (per mezz. area)	1	7,934	7,934	12,298	
Building Storage (9,920 sf Currently spread between both bldgs)					
? Bldg Supplies	1	1,000	1,000	1,550	
? Building Maintenance Equipment	1	1,000	1,000	1,550	
? Custodial Equip. (Buffers/vacuum, etc)	1	1,000	1,000	1,550	
Janitor Closets (included in Grossing Factor)	0	0	0	0	
TOTAL			10,810	16,756	
? Remote Storage		1,000			
Conference Room (12 seats)	0	264	0	0	Shared

Call Center

Call Center	Quantity	Unit	NASF	GSF	Basement
	3	20	60	93	
Supervisors (workstations)	33	20	660	1,023	
Callers (workstations)	1	50	50	78	
Storage	1	36	36	56	
TOTAL			806	1,249	
Internal Circulation factor 25%				202	
Suite Total				1008	

Remote Storage



Remote Storage

Remote Storage Summary	Quantity	Unit	NASF	GSF	Basement
Card Office Remote Storage (equipment, network support, .	1	450	450	698	
IT Remote Storage	1	300	300	465	
Admin. Remote Storage	1	300	300	465	
Craft Center Remote Storage	1	1,000	1,000	1,550	
Women's Remote Storage	1	100	100	155	
Multi Cultural Center Remote Storage	1	100	100	155	
Holden Leadership Center Remote Storage	1	200	200	310	
Computer Center Remote Storage	1	200	200	310	
Club Sports Remote Storage	1	100	100	155	
Outdoor Program Remote Storage	1	100	100	155	
Cultural Forum Remote Storage	1	100	100	155	
Sustainability/Survival Center Remote Storage	1	100	100	155	
ASUO Remote Storage: canopies, archives, dollies, ballot bc	1	100	100	155	
Resource Center Remote Storage	1	100	100	155	
Concert Hall Remote Storage??	0		0	0	
Oregon Dally Emerald Remote Storage	1	200	200	310	
Art Gallery Remote Permanent Art Storage (Tempered)	1	200	200	310	
KWVA Remote Storage: Canopies, file cabinets, old equiprr	1	200	200	310	
Facilities Remote Storage	1	1,000	1,000	1,550	
Conference Services Remote Storage	1	100	100	155	
Building wide Server Room	1	200	200	310	
TOTAL REMOTE STORAGE			5,150	7,983	
Bike Center Remote Parking	1	200			

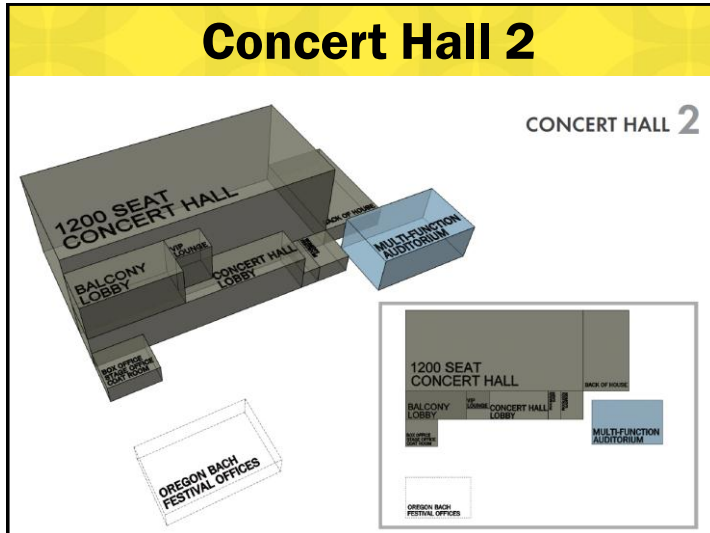
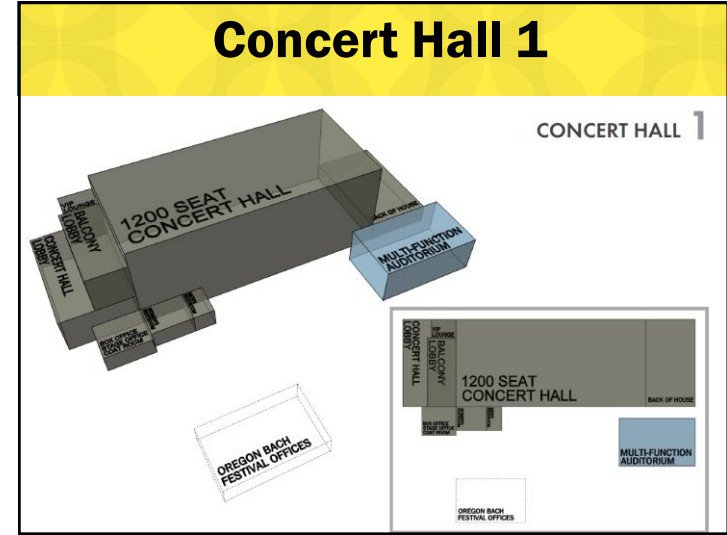
Concert Hall

Concert Hall Patron Amenities	Quantity	Unit	NAF	GSF	141
Concert Hall Lobby	850	6	5,100	7,293	Shared
Includes Concessions Storage for Carts	1	150	150	215	Shared
Railroom Lobby	360	6	2,160	3,088	77
Box Office	0	150	0	0	Level 40000 Ticket Office
Stage Office	1	240	240	243	
Sound and light Locks	4	75	300	428	
Women's Restroom (2 levels)	0	800	0	0	Shared
Men's Restroom (2 levels)	0	400	0	0	Shared
VIP Lounge/Shared as EMU Board Room	0	500	0	0	Shared
Coat Room	1	100	100	143	
			8,050	11,512	

Concert Hall-1200 Seats	Quantity	Unit	NAF	GSF	142
Orchestra Seating	850	10	8,500	15,470	
Balcony Seating	300	10	3,000	5,400	
*Choir Balcony (not part of 1200 seat count)	60	10	600	1,092	alternate
Orchestra Pit	1	120	120	218	alternate
Pit Seating	50	20	1,000	1,820	
In-house Mix	1	100	100	182	
	1262		13,320	24,242	

Concert Hall-Stage and Technical Areas	Quantity	Unit	NAF	GSF	143
Performance Platform (stage)	1	2,700	2,700	4,509	
Crossover	1	2,250	2,250	3,758	
Dinner Room	1	100	100	167	
Amplifier Room	1	100	100	167	
Control Suite	1	150	150	251	three control
Recording Room	1	300	300	501	recording
*Crew Lockers/Vending	1	60	60	100	
Backstage Restrooms	2	100	200	334	
Artist/conductor Green Room/Dressing?	1	200	200	334	
*Soloists &/Dressing Room?	6	120	720	1,202	6 x 14
Green Room/Dressing Room?	1	1,200	1,200	2,004	
Storage	1	1,500	1,500	2,505	
			9,480	15,822	

TOTAL Performance Zone 30,850 \$1,536



Parking

PARKING	175	350	61,250
Parking Structure and Parking Replacement Charge			
Parking SF not included in grand total SF			61,250

Total

Net Square Feet:
173, 988

Gross Square Feet:
272,265

Additional Alternate Program Options:

- Bike Center
- Oregon Bach Festival Offices

Bike Center

1. SPACE REQUIREMENTS
SLOAN 1000 2000 100

2. WORK STATIONS AND ACCESSORIES

BIKE PROGRAM COORDINATOR (2) 100 SF

BIKE STAFF (10) 200 SF

DIY SERVICE AREA (5) 200 SF

ROOM DATA SHEETS		BIKE PROGRAM	
Customer Service Reception	2	200	200
Staff	1	200	200
Bike Program Coordinator	2	100	100
Bike Program Staff (10)	1	200	200
DIY Bike Station	5	0	0
Bike Program Coordinator	2	100	100
DIY Maintenance Station + 3 staff stations	5	400	400
Bike Rental Storage (RS)	1	200	200
Secure indoor bike storage (RS)	1	200	200
Bike Center Total Net		173,988	173,988

Notes: * - Not included in total.

Bike Center

BIKE RENTAL STORAGE

RETAIL

RECEPTION

CUSTOMER SERVICE

DIY BIKE DIY BIKE STATION STATION

DIY BIKE DIY BIKE STATION STATION

DIY BIKE DIY BIKE STATION STATION

DIY BIKE DIY BIKE STATION STATION

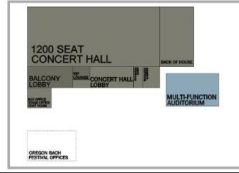
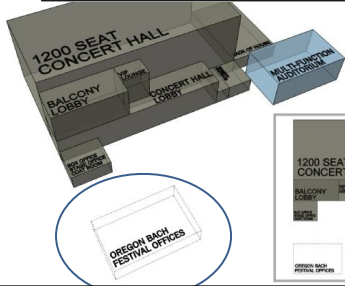
COORDINATOR

SECURE INDOOR BIKE STORAGE

Oregon Bach Festival Offices

Program Elements Below the line; Not included in Program totals

		NASF	GSF
Concert Hall-Oregon Bach Festival Offices			
Storage/Library	1	1,000	1,550
Conference Room	1	435	674
Offices with Locking Doors	6	115	1,070
Employee Workstations	4	138	853
Copy Machine/Work area	1	360	558
Reception & toilets	1	300	465
		3,335	5,169
Alternate: Not included in totals			



Program Spreadsheet

Program of Expense	Quantity	Unit	NASF	GSF
LUCKY Program				
LUCKY Program	1	Lot	1,000	1,550
Storage/Library	1	Lot	435	674
Conference Room	6	Lot	115	1,070
Employee Workstations	4	Lot	138	853
Copy Machine/Work area	1	Lot	360	558
Reception & toilets	1	Lot	300	465
			3,335	5,169

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			3,335	5,169

Program of Expenses											
LUCCEL Program		Total Program Budget		Total Program Actual		Total Program Budget		Total Program Actual		Total Program Budget	
Quantity	Unit	Cost	Rate	Quantity	Unit	Cost	Rate	Quantity	Unit	Cost	Rate
Administrative Support											
Administrative Support - Total											
Construction											
Construction - Total											
Equipment											
Equipment - Total											
Information Technology											
Information Technology - Total											
Professional Services											
Professional Services - Total											
Travel											
Travel - Total											
Utilities											
Utilities - Total											
Other											
Other - Total											

Program of Expenses											
LUCCEL Program		Total Program Budget		Total Program Actual		Total Program Budget		Total Program Actual		Total Program Budget	
Quantity	Unit	Cost	Rate	Quantity	Unit	Cost	Rate	Quantity	Unit	Cost	Rate
Administrative Support											
Administrative Support - Total											
Construction											
Construction - Total											
Equipment											
Equipment - Total											
Information Technology											
Information Technology - Total											
Professional Services											
Professional Services - Total											
Travel											
Travel - Total											
Utilities											
Utilities - Total											
Other											
Other - Total											

Program of Expenses											
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Program of Expenses											
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Travel											
Travel - Total											
Utilities											
Utilities - Total											
Other											
Other - Total											

FRAMING SUSTAINABILITY

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User Group Meeting #3

PURPOSE:
Review various frameworks for sustainable design and then engage in project specific goal setting and brainstorming exercises.

WHY BUILDINGS?

WHY BUILDINGS?

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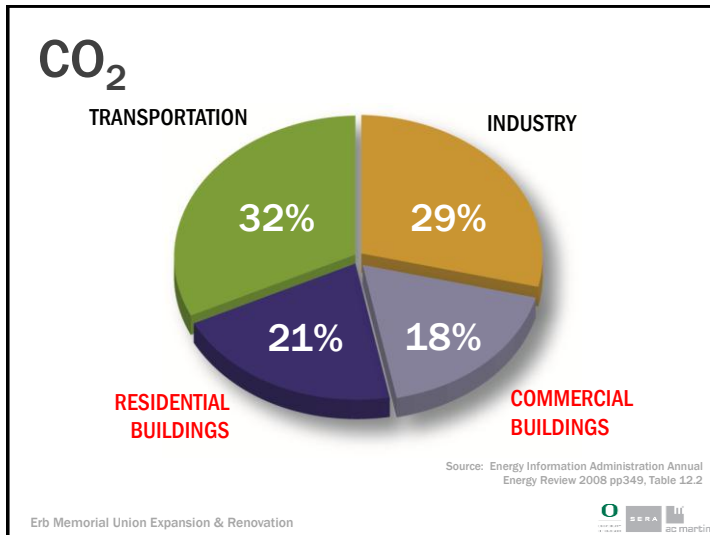
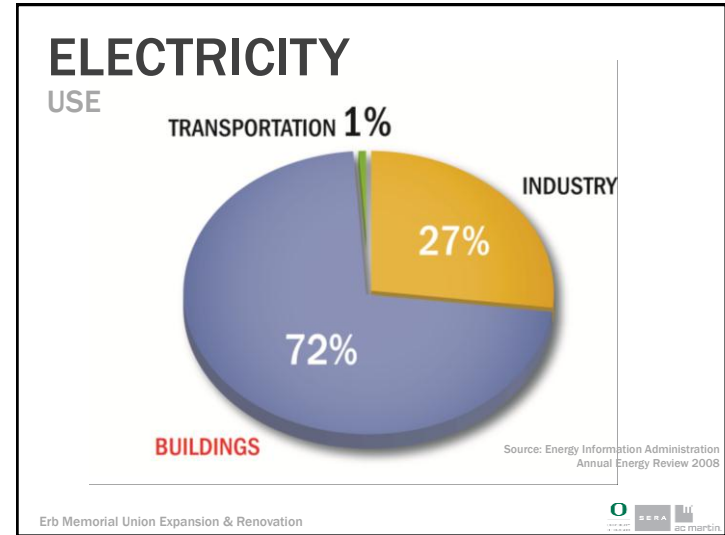
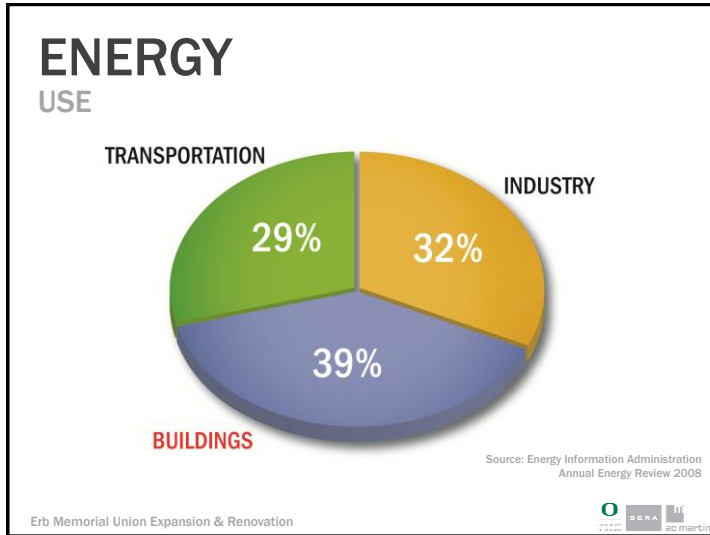
WHY BUILDINGS?

In the U.S. alone, buildings account for:

- 38%** of all CO₂ emissions
- 40%** of raw materials use
- 30%** of waste output
- 14%** of potable water consumption

Source: U.S. Green Building Council

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DEFINITIONS FOR SUSTAINABLE DESIGN

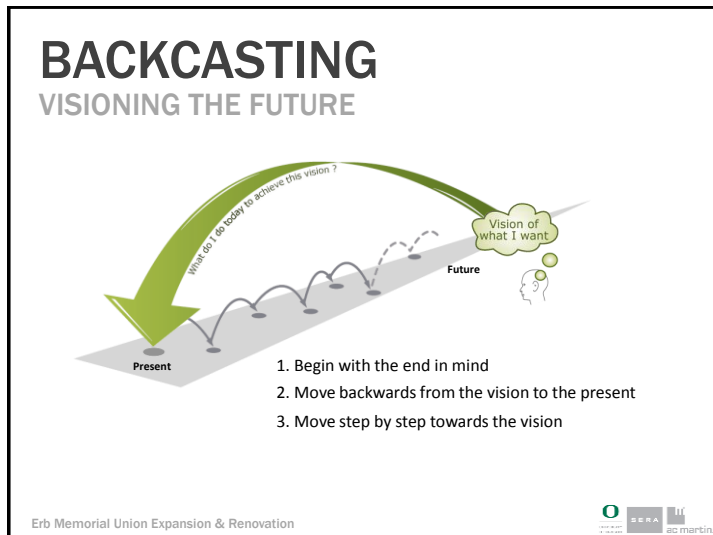
AWARENESS

"...meeting the needs of the present without compromising the ability of future generations to meet their own needs."
- UN Brundtland Commission, 1987

DEFINING SUSTAINABILITY

VITRUVIUS	FRANK LLOYD WRIGHT THE NATURAL HOUSE	BUCKMINSTER FULLER	WENDELL BERRY	MALCOLM WELLS WILDERNESS MEASURE	WILLIAM MCDONOUGH	SIM VAN DER RYN + STEWART COWAN ECOLOGICAL DESIGN	AMORY LOVINS + PAUL HAWKEN NATURAL CAPITAL
UTILITY	ORGANIC GROWTH	HOW MUCH DOES YOUR BUILDING WEIGH?	WHAT IS HERE?	CREATES PURE AIR	WASTE EQUALS FOOD	SOLUTIONS GROW FROM PLACE	RADICAL RESOURCE EFFICIENCY FACTOR 4-10X
FIRMNESS	SIMPLICITY		WHAT WILL NATURE PERMIT US TO DO?	CREATES PURE WATER	USE CURRENT SOLAR INCOME	ECOLOGICAL ACCOUNTING INFORMS DESIGN	BIOMIMICRY - CLOSED LOOP DESIGN
DELIGHT	CONTINUITY		WHAT WILL NATURE HELP US DO?	STORES RAINWATER	HONOR BIODIVERSITY	DESIGN WITH NATURE	FLOW OF SERVICE INSTEAD OF PRODUCT
	PLASTICITY			PRODUCES FOOD	LOVE ALL CHILDREN, ALL SPECIES, FOR ALL TIME	EVERYONE IS A DESIGNER	REINVEST IN NATURAL CAPITAL
	INTEGRAL SPACE			CREATES RICH SOIL		MAKE NATURE VISIBLE	
	INTIMATE HARMONY			USES SOLAR ENERGY			
	CONSTRUCTIVE MATERIALS			CREATES SILENCE			
	GRAVITY HEAT			CONSUMES WASTES			
	HUMAN PROPORTIONS			MAINTAINS ITSELF			
				CREATES CYCLES			
				PROVIDES HABITAT			
				MODERATES WEATHER			
				BEAUTIFUL			

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- # FRAMEWORKS
- ## WHICH PHILOSOPHY SHOULD WE USE?
- Triple Bottom Line
 - Natural Capitalism
 - Natural Step
 - Cradle-to-Cradle
 - Precautionary Principle
 - Zero Waste
 - Factor X
 - Eco-Footprint
 - LCA
 - EMS
 - ISO 14000
 - EMSAS
- Erb Memorial Union Expansion & Renovation

THE NATURAL STEP

METAPHOR OF THE FUNNEL

Declining
resources and ecosystem services

Unsustainability

Sustainable society

Restoration

Increasing
demand for resources and ecosystem services

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THE NATURAL STEP

SUSTAINABILITY PRINCIPALS

In a sustainable society, nature is not subject to systematically increasing...

- ...concentrations of substances extracted from the Earth's crust,
- ...concentrations of substances produced,
- ...degradation by physical means,

and in that society...

- ...people are not subject to conditions that systematically undermine their capacity to meet their needs.

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THE SERA FRAMEWORK

THE 4 SYSTEMS CONDITIONS

TAKE
Can the earth replace what I take?

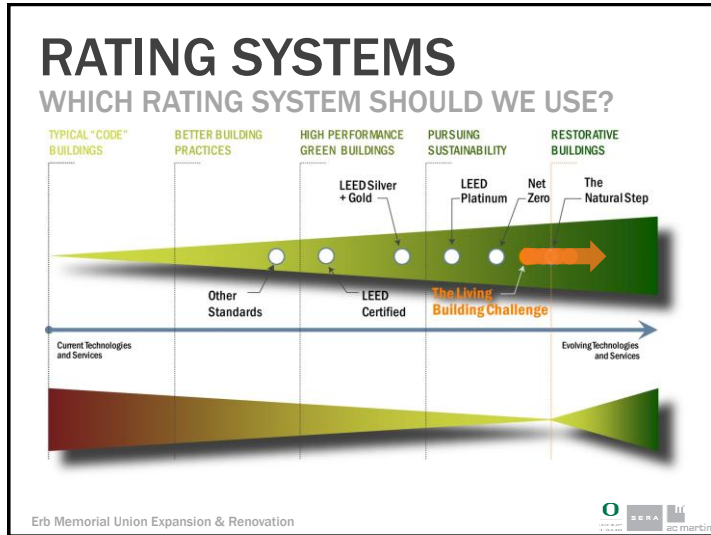
MAKE
Am I poisoning the earth, air or water?

RESPECT
Do I respect the biodiversity of flora and fauna?

CHOOSE
Are the choices I make fair and equitable?

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RATING SYSTEMS



CASCADIA PRINCIPLES

GUIDING SIGNAL ISSUES

- 1 Climate Change from Global Warming
Pollution
- 2 Persistent Toxic Chemicals
- 3 Habitat Loss/ Species Extinction
- 4 Global Equity

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THE METAPHOR OF THE FLOWER

ROOTED IN PLACE AND YET:
Harvests all energy + water
Is adapted to climate and site
Operates pollution free
Is comprised of integrated systems
Is beautiful


2.0

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LIMITS TO GROWTH
 URBAN AGRICULTURE
 HABITAT EXCHANGE
 CAR FREE LIVING



SITE
 Restoring a healthy coexistence with nature



© 2009 I.L.B.

NET ZERO ENERGY



ENERGY
 Relying only on current solar income



© 2009 I.L.B.

NET ZERO WATER
 ECOLOGICAL WATER FLOW



WATER
 Creating water independent sites, buildings + communities



© 2009 I.L.B.

RED LIST
 EMBODIED CARBON FOOTPRINT
 RESPONSIBLE INDUSTRY
 APPROPRIATE SOURCING
 CONSERVATION + REUSE




MATERIALS
 Endorsing products + processes that are safe for all species through time



© 2009 I.L.B.

CIVILIZED ENVIRONMENT
HEALTHY AIR
BIOPHILIA



 **HEALTH**
Maximizing physical and psychological health + well being

© 2009 I.D.I.

HUMAN SCALE
+ HUMANE PLACES
DEMOCRACY
+ SOCIAL JUSTICE
RIGHTS TO NATURE



 **EQUITY**
Supporting a just, equitable world

© 2009 I.D.I.

BEAUTY + SPIRIT
INSPIRATION + EDUCATION



 **BEAUTY**
Celebrating design that creates transformative change

© 2009 I.D.I.

**SETTING YOUR
SUSTAINABLE DESIGN
GOALS**

U of O

The Oregon Model for Sustainable Development

Adopted July 2011
Campus Planning and Real Estate - July 6, 2011

ENERGY Net Zero Increase in Campus Energy Use from New Development

WATER Improved Quality of Stormwater

PEOPLE Sustained Campus Habits

LEED Gold Certification for All New Development

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DESIGN DRIVERS

FROM USER GROUP #1

- Recruiting best students & faculty
- Timeless
- Intuitive
- Multi-functional (efficient use of resources)
- Subtle, graceful, elegant (nothing is inferior) (equality)
- Simple and enduring approaches – not tech based
- Building should teach & integrate natural processes
- Simplicity
- Most needed – daylight & heat

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DESIGN DRIVERS

FOM EARLIER PLANNING EFFORT

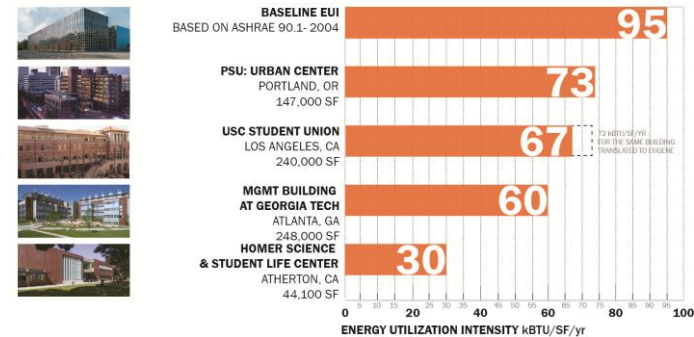
- Promote engagement of campus
- Provide a venue to welcome the public into our campus.
- Support initiatives that engage faculty and staff and spark the intellectual curiosity of students.
- Host expanded activity during evenings and weekends, activate the heart of campus, and contribute to the overall residential quality of campus.
- Integrate academic uses into the building.
- Promote the EMU's elevated role in recruitment and retention of students and as the home base for student government and student multicultural programs.
- Demonstrate high-quality design and use of materials, and showcase sustainability and technology in support of student scholarly expression.
- Create a university center that announces the EMU as the central hearth for campus and tells the stories of the UO cultures.

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ENERGY

SUSTAINABLE DESIGN GOALS



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ENERGY

HOMER SCIENCE & STUDENT LIFE CENTER

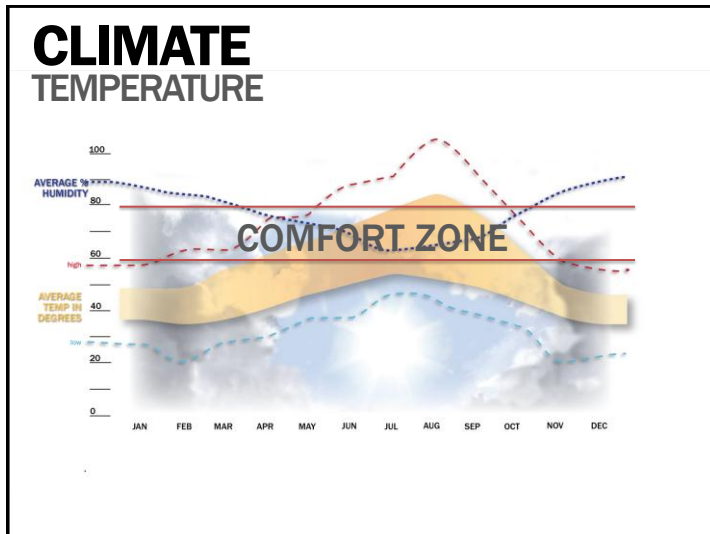
- Location: Atherton, CA
- Building type(s): Assembly, K-12 education
- 44,100 ft² (4,100 m²)

Michael J. Homer Science and Student Life Center
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ENERGY

REDUCTION STRATEGIES

- Understand your Context
 - Climate
 - Base building typical energy use
- Load Reductions
 - Passive Systems
 - Daylighting
 - Building Envelop
- Right Sizing / Dual Use
 - Heat Recovery
- Target Key Systems/ Reduce Load
- Active Mechanical Solutions
- Occupant Engagement
- Apply Renewables



EUI for our Building

PROGRAM NAME	% TOTAL	EUI BASELINE	OREGON MODEL (30-40% SAVINGS)	ARCH 2030 (60-65% SAVINGS)	NET ZERO (75% SAVINGS)
FOOD SERVICES/ PUB	16%	302	182-212	106-121	90
RETAIL	4%	72	43- 48	25-29	18
UNION SERVICES	17%	86	52-61	30-34	21
CONFERENCE SERVICES	19%	90	54-63	31-36	22
PERFORMANCE CENTER	14%	94	57-66	32-38	21
STUDENT ACTIVITIES	26%	86	51-60	29-34	20
SEATING	16%	52	36-42	24-27	19
TOTAL PROGRAM	100%	90	54-63	30-36	22
EXISTING BUILDING	100%	74	-	-	-

ENERGY / HEALTH

RELATED SUSTAINABLE DESIGN GOALS

- Performance metric around energy use
 - Oregon Model min.
 - 60 to 65% better than code design team
 - Additional 10 to 15% from occupant engagement
- Provide daylighting for all student offices and views for 90% of regularly occupied spaces
- Solar Thermal
- PV Ready (investigate third party funding of demonstration PV array)

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MATERIALS

SUSTAINABLE DESIGN GOALS

-
- Reuse most of materials from the demolished building in the new student union
 - Recycle 90-95% of construction debris
 - Prioritize sourcing products locally
 - Minimize use of non-toxic products
 - FSC certified wood

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WATER

SUSTAINABLE DESIGN GOALS

why should we CARE ABOUT WATER USE IN PACIFIC NORTHWEST?

- 35-40% reduction in water use from fixtures and fittings
- 50-60% reduction in water use via rainwater collection
- Meet Oregon Model for Storm water management

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CAMPUS SCALE SYSTEMS

SITE RELATED SUSTAINABILITY GOALS

-
- Met Oregon Model for Storm water management
 - Repair / reinforce campus connections
 - District ready for future incorporation into a larger network
 - Provide locations for edible landscape

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PEOPLE (EQUITY)

SUSTAINABLE DESIGN GOALS

89%
SKY DOME

SUSTAINABLE DESIGN GOALS

- Maintain access for daylighting for surrounding buildings
- Create a universally accessible design
- Incorporate and embrace diversity

WILLAMETTE

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DESIGN PROCESS (BEAUTY)

SUSTAINABLE DESIGN GOALS

- A Student Union that inspires its occupants to live their lives in a more sustainable way

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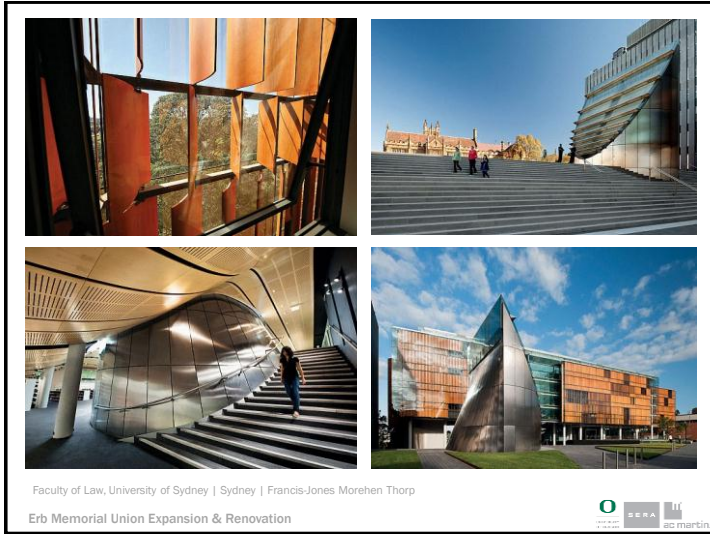
CAMPUS-WIDE PATTERNS

- Welcoming to All**
- Outdoor Classroom
- Campus Trees
- Good Neighbor
- Open University
- Paths and Goals
- Road Crossings
- Pedestrian Pathways
- Spillover Parking
- Shielded Parking and Service Areas
- Quiet Beaks**
- Main Building Entrance**
- Building Complex**
- Connected Buildings**
- Access to Water
- Sitting Walls
- Seat Spots
- Tree Places
- Waste Quality
- Accessible Green
- Local Sports
- Public Outdoor Room
- Small Public Squares
- Activity Nodes
- Arcades
- Operable Windows**
- Flexibility and Longevity**
- Future Expansion**
- Pools of Light**
- Wholeness of Project**
- Wings of Light**
- Quality of Light**
- Building Health**
- Office Connections
- Public Gradient
- Classroom Distribution
- Fabric of Departments
- No Signs Needed
- Faculty-Student Mix
- Places to Wait
- Enough Storage

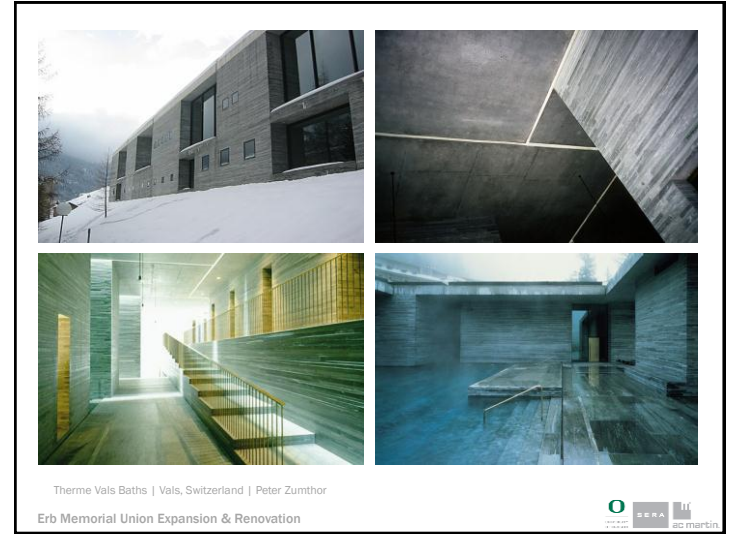
INSPIRATIONS



Solar Energy-Efficient Building | Beijing | Mario Cucinella
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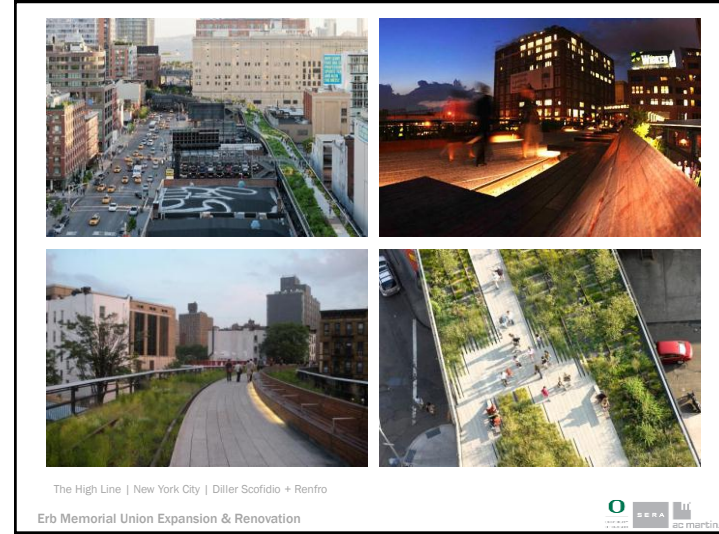


Faculty of Law, University of Sydney | Sydney | Francis-Jones Morehen Thorp
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Therme Vals Baths | Vals, Switzerland | Peter Zumthor
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Miscellaneous Works | Alabama | Sam Mockbee and the Rural Studio


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California Academy of Sciences | San Francisco | Renzo Piano



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Fixed Mirrors
Heliostats
Prismatic Skylight
Light Wall
Chandelier

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Solar Energy-Efficient Building | Beijing | Mario Cucinella

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Alhambra | Granada, Spain

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WRAP-UPS & NEXT STEPS

CONCLUSIONS

163

OPEN DESIGN SESSION

**Thursday November 10th
Fountain Courtyard**

164

NOVEMBER REFERENDUM

165

USER GROUP MTG #4

**Wednesday November 30th
Bean East Conference Room**

166

University of Oregon
Erb Memorial Union Expansion & Renovation

THANK YOU!

Next Meeting
Wednesday November 30, 2011
8:00 – 4:00
Bean Hall East Conference Room

• SERA Architects in association with AC Martin - September 28, 2011