



Montana State Capitol Long-Range Legislative Branch Planning May 31, 2023



Agenda

- Today's Goal
- Outline of Our Approach
- Firm History and Experience
- Questions for You



Hennebery Eddy Architects

Overseeing project with comprehensive knowledge of Montana State

Principal in Charge

Capitol building

Ben Lloyd

Leading space planning with extensive knowledge of Montana State Capitol building

Assisting with programming, space planning, and other project support

Leading programming engagement and consensus building

Gregg Sanders

Programmer/ PM

Managing project

team coordination

and project

organization

Nicole Andersson Project Architect

Kelly Livingston

Interior Designer

Silver Brelsford **Interior Designer**

Team

Goal

- Introduce our planning approach, process, and experience
- Learn about your specific goals and objectives for this project



4-Step Process









Project Experience

Multnomah County Multi Building Refresh Planning Oregon Historical Society Research Library and Belluschi Architectural Resource Center Renovation

Great Smoky Mountains Institute at Tremont Second Campus Hoyt Arboretum Visitor Center Visitor & Education Center Mount St. Helens Institute Education Center & Lodge Master Plan National Park Service U.S. Department of the Interior Master Plan and Seismic Improvements

Oregon Parks and Recreation Department Fort Stevens Preservation Plan Hamilton Rural Fire District Headquarters Station & Emergency Operations Center Feasibility Study & Conceptual Design

Oregon Department of Forestry North Cascade District Master Plan

Oregon Department of Forestry Campus Master Plan

U.S. General Services Administration Jackson Federal Building Preservation

City of Beaverton South Office Building Lease Space Master Plan City of Fairview Operations Center Master Plan Skamania County Fire District No. 3 Underwood Station Bozeman Yellowstone international Airport Masterplan Schematic Design Bozeman Yellowstone International Airport East Terminal Bozeman Yellowstone International Airport Market Place Port of Portland International Gates Reconfiguration & Concourse D Extension Concept Plan Port of Portland Terminal Balancing & Concourse E Extension Port of Portland Concourse B Alaska Operational Relocation Space Planning Port of Portland Telecom Master Plan Port of Portland Space Planning Clark College Advanced Manufacturing Center Lane Community College Industry & Trades Education Center Lewis & Clark College New Residence Hall Programming Lewis & Clark College Corbett House Planning Lewis & Clark College Manor House Planning Lewis & Clark College Manor Office Space Plan Lewis & Clark College McAfee Space Planning Linfield University Space Utilization Strategy Consulting Linfield University Strategic Facilities Guide Master Plan Linfield University Melrose Hall Rehabilitation & Walker Hall Renovation Linfield University School of Nursing Campus Plan Montana State University Gianforte Hall Montana State University Jake Jabs College of Business & Entrepreneurship Northwest Academy Century Campus Planning Oregon State University USGS Feasibility Study Oregon State University Cordley Hall Natural University of Natural Medicine Master Plan Portland Community College Newberg Education Center Reed College International District Renovation & Master Plan Rogue Community College Table Rock Health Science Program & Flex Tech Lab Conceptual Design Rogue Community College Table Rock Campus Master Plan University of Oregon Chapman Hall Rehabilitation Willamette University Ford Hall Willamette University Campus Master Plan Update Willamette University Residential Commons Planning Willamette University Sparks Center Renovation Willamette University Hatfield Library Master Plan International School Master Plan **Bozeman School District Hawthorne Elementary School** Montana State Capitol Assessment and Carpet Replacement **Bozeman High School** Cascades Academy of Central Oregon Oregon Youth Authority 10-Year Master Plan Update Monforton School Master Planning Big Sky Youth Empowerment Headquarters Renovation & Expansion Centennial Mills Redevelopment Master Plan The Cannery District 1919 West Main Street Multi-Tenant Building Nike Woodside Building South Platte Material & Mechanical Testing Research Lab Nike Deschutes Building

Plan

Oregon Supreme Court

Crook County Courthouse and Facilities Master Plan

U.S. Department of the Interior Fort Yellowstone Exterior Assessment & Rehabilitation

U.S. General Services Administration Hatfield Courthouse Building Design Standards

U.S. General Services Administration Macadam Building Interior Renovation U.S. General Services Administration Alcan Land Port of Entry & Housing Replacement Feasibility Study Sherman County Courthouse Astoria Public Library Planning City of Beaverton Public Library Master Plan Brookwood Library Master Plan Deschutes Public Library Conceptual Design & Bond Planning Multnomah County Kenton Library Multnomah County Library Security Implementation Plan Multnomah County Central Library Master Plan Oregon Department of Administrative Services Executive Building Site Study Capital Campus Master Plan

Oregon Department of Administrative Services Oregon School for the Deaf Boiler Plant

Oregon Department of Administrative Services Multnomah County Courthouse

Oregon Department of Transportation Region 1 Maintenance Station Planning Oregon Department of Transportation TGM Land Use Planning U.S. Social Security Administration Office Space Planning & Tenant Improvements

TriMet Field Supervisors Space Planning

Tualatin Valley Water District Master Plan

City of Lebanon/Cheadle Lake Regional Park Master Plan

George Rogers Park - Master Plan

Mazamas Ranch at Smith Rock - Strategic Facilities Planning

Town of Lovell Facilities Master Plan

Tualatin Valley Water District Operations Center Renovation & Expansion

Union County Planning

Multnomah County Multi Building Refresh Planning

Harriman Building Site Master Plan

Warrenton Downtown Master Plan

Riversong Sanctuary Master Plan

Naito Parkway Master Plan Portland Water Bureau Interstate Master Plan & Facility Assessment City of Salem Shops Complex Master Plan Update

Crosscut Lodge Crosscut Mountain Sports Center Lodge Stark's Block Planning & Warehouse Adaptive Re-Use Tualatin Heights Apartments Bridger View Sustainable Housing Development







Crook County

Courthouse and Facilities Master Plan

Establish



PROJECT CHARTER

The vision for the project is rooted in:

- Preserving the historic Crook County Courthouse as the seat of county government.
- Leveraging the Courthouse to illustrate its former uses and history.
- Adding new building(s) to efficiently serve County functions that can't be accommodated in the historic courthouse.

The purpose, priorities, and process for this effort is to:

- Understand how the courthouse will be used in the future.
- Understand how Health & Human Services, Community Development, and County Government physically related to one another.
- This high-level study will endeavor to reveal practical information that will inform, the next steps for the County.

Crowk County Facilities Waster Plan - Task 1 Task 1: High-Level Program and Space Allocations

With the advent of the new Justice Center, Crook County is planning to relocate several departments into the new facility. This is providing the opportunity to reevaluate the Crook County system wide physical plant to improve efficiency. increase effectiveness, and better serve the county residents. Currently, the County operates both loased and owned facilities. This study is limited to a highlevel review of eleven of the County's departments, located within six of the county's filteen factilities. It is a prefiminary evaluation of operational needs. opportunities, and constraints for the following departments:

Hennebery Eddy Architects

- · County Court/Administration
- Finance/Treasurer
- Assessor
- Information Technology Human Resources
- Legal
- Clark:
- Community Development
- Facilities.
- Health and Human Services.
- Public records storage

PROBET VISION & CHARTER

The first step in the April 18 19, 2023 workshop, conducted to advance the Crook County Facilities Master Plan, was a visioning and charter discussion with the project sizering committee, comprised an

- Brian Barney Commissioner
- Will VanKactor Community Development Director
- Ratie Plumb Health & Human Services Director
- Andy Parks County Administrator
- Jeff Deswert President Kirby Napethout Construction

Understand Understand the Building



Crouk County Courtbours Proposed Coorthouse Addition O Pioneer Cabin Museum O Public Works Department City Hall tugal and Numan Resources' Office O Veteran Services O Health Department G Bowman Moseum Crook County History Center Future Silv of Historical Society facilities Storage Facilities' Office New Justice Center ineville Senior Center Fingney & Assessor's Office US Past Office



the A. Matdenald Building Canada 5.7015 r Station 28 d Oregan | 3003 nan County Courthouse egon | 2019

PROGRAM AREA ANALYSIS

Historic Courthouse Approximate her Area. Based on Cross K Courty Pacificary' department bypoint completed in early 2023, provided autority patiency historic circulation remains as a connectly configured the future re-use, the following approximate net areas are available for office space

Fierr .	Nel Anta	Notes
Ground Roor	4.319.54	Bailer Room excluded, recaptures Break Room, Storage, and Mail Room
Second Float	3,359.57	Restrooms and it room recaptured
Third Floor	3,000.57	Courtroom A excluded, recaptures Restrooms and IT
Total	14,700 58	

Courtnoon A.		Countroom A is presumed to be preserved and modestly renewated for use by the County Court and other public meetings.
--------------	--	---

Department	Current Net SP	Eile, 30-yr. Growth Factor*	10-pi Airt SP*	Gross Area in 50° Approx. 63% Efficiency
Community Development	5361	1.5	7,892	12,141
Kname	2,206	1.2	3,647	4,073
County Assessor	546.3	1.2	1,608	2,471
Couply Clark	7,006	1.2	3,457	3,203
County Administration	2,229	1.2	2,668	4,099
Cegai	605	1.2	124	3,132
Human Resources	500	1.7	666	97)
17/6/5	72k	2.5	1,810	2,794
Subtotal				51,513
Health & Human Services	6.565	1.45	9,519	14,645
Veterana' Services	450	1.45	653	1,064
Subtetal				15,645
facility Material	1.000	1.9	8,500	10,000



Total		· · · · · · · · · · · · · · · · · · ·		16,962
Hurther detailed finalize growth fa total gross area re	ctors, 58-pr. M	design, and building pace requirements, an my from this initial est	planning will be requi ditotal grown area. The Impie.	
Approximated Pro Redevelopment Option	etam Distribu Historic Courthouse	tion Per Redevelopme New Adjacent Building	nt Option: New Rolding Eisewhere in Prineville	facilities Management
Option 1	34,790 SF	32,300-37,500 54	0.57	10,000 57
Option 7	14,200.57	14,400 19,000 5F	15,650 HL000 M	18,000.57
Option 34	13,000 5/	34,000 39,100 SF	0.57	25,000 S/
Option 38	13,000.57	18,300-21,000.57	15,659-18,000 54	30,000.54



Proposal:

Option 1a: Renovate the historic courthouse and construct a new two of three-story building to the east, physically connected at each floor to the existing courthouse to provide building services and to free up space in the courthouse. This approach is expected to provide a single secure entry, universal accessibility, and overall efficiency. Consolidate all departments listed above to the courthouse site, with the exception of Facilities which would relocate to the current Finance/Assessor site.

Option 1b: The same as Option 1a, except construct a two-story addition and construct a new Health & Human Services building elsewhere in Prineville.

Option 2a: Renovate the historic courthouse and

add all new building services, a new universally

accessible entry, elevator, exit systems, and construct a new standalone two or threestory building to the east to serve the program spaces, with the exception of Facilities, not accommodated in the courthouse. This approach is expected to limit the space efficiency of the courthouse. This approach is expected to limit the space efficiency of the courthouse, is likely to be more costly, and require a physical three-story addition to the courthouse to accommodate, at a minimum, anew properly sized elevator. Option 2b: The same as Option 2a, except that Health and Human Services will be in a new building elsewhere in Prineville.



Document

PROGRAM AREA ANALYSIS

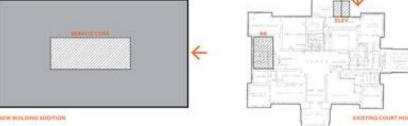
Historic Courthouse Approximate Net Area: Based on Crook County facilities' department layouts completed in early 2023. provided axisting primary historic circulation remains as currently configured for future re-use, the following approximate net areas are available for office space per floort.

Reet :	Mat Anna	Notes
Ground Plant	4,319.59	Bailer Room excluded, recaptures Break Boom, Storage, and Mail Room
Second Roat	3,359.58	Restriptions and it room recaptured
Third Floor	3,000.58	Courtmont A excluded, recaptures Restrooms and IT
Total .	54,700.58	

Courtson A.	3,280 59	modestly	n Alls presiume renovated for public meetin	ine by the Co	
Estimated Fatur Department	e Program No Curre	tedis: n: Next SP	Est, 10-yr. Griwth Factor*	50-yr. Net51*	Gross Area in SP Approx. 63% Efficiency
Community :-		5,263	1.4	7.892	32,345







Orevellop/meint				
fmance	2,206	3.23	2,647	4,873
Country Assessor	1,349	1.21	2,608	2,424
County Clerk	7,096	1.23	7.967	3,793
Country Administration	2,329	1.2	2.64A	6,099
Legal	695	1.2	726	1.137
Numan Descurra	500	1.7.7	800	943
0,665		2.5	1,808	3,784
Subtetal				21,313
	4,565	1.45	9,559	14,645
Services	4,565	LA5	8,559	14,645
Services Votenans' Services	1.0.0	- 622	3723	
Services Votenans' Services	1.0.0	- 622	3723	1,004
Health & Haman Services Solitopi Facility Ranagement	1.0.0	- 622	3723	1,004

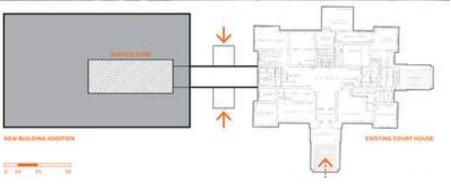
Lee growth factors, 20-yr, appears total gross area required may very from this initial estimate.

Approximated Program	Destributio	o Per Redevelopment	Option
Rechaugelensement	high sector	Name Addressmith	New Ite

Rodruelopment Option	Historic Courthouse	New Adjacent Boliding		Fectilities Management
Option 1	18,200.57	12,300-37,100.54	0.54	10,000-14
Option 7	14,700.58	14,400,19,000 \$2	15,659 18,000 52	16,000 W
Option 3a	13,000 58	34,000-39,100 58	2.54	20,000 9/
Option 3h	33,000.57	14,309-21,009.54	15,656-18,000.54	18,000 54



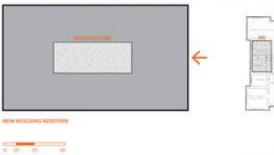
















Oregon Department of Forestry Campus Master Plan





PROJECT CHARTER

PURPOSE OF THE MARINE PLAY.

- Anticipate and plat for place results for the loss of provin-
- A Transferprished and append
- + Costs (or effective and agree queues that accommenters (hanger)
- · Finds challs and statements

PROVIDES OF THE WAYDE PLAN

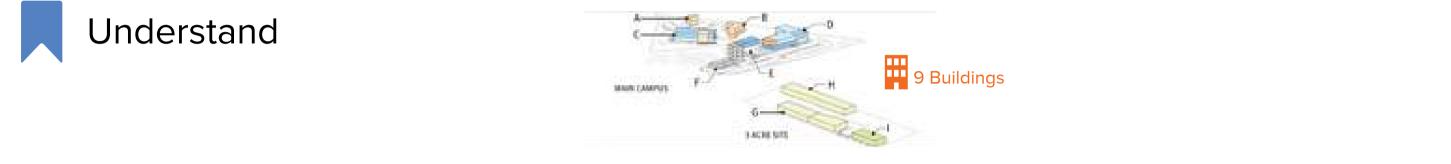
- · Entering any loss of the loss of the
- · Munch and appress in much requirements.
- 4. Observes electronical at entiting space letter adding too-10.011
- · Code to extende and
- Persentite Officialium
- + . Instanta the public armite topologies

PROCESS OF THE MASTER PLAN.

- + Recommendations are provided at the Program land.
- Recommendations are series and and papersed at the
- Starting Entertrine lase!
- A. The littl has notice rank and party and reactive coefficies







F В С D G Н Α E















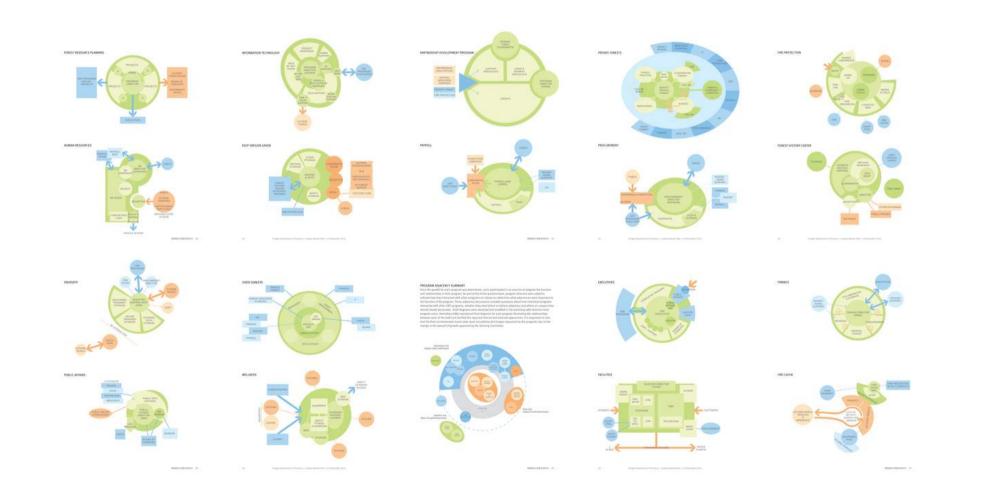


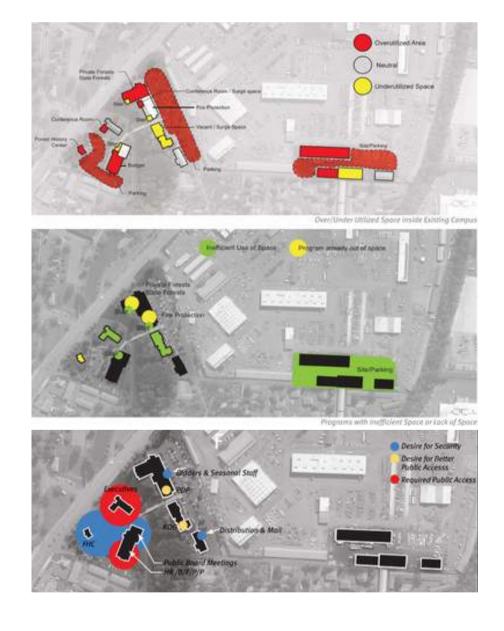






Explore

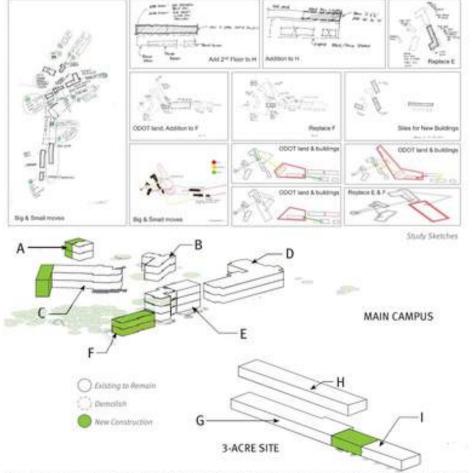




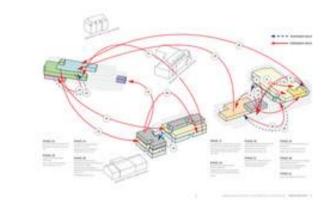


RECOMMENDED CONCEPTS

These findings were presented to the Steering Committee, and were then used as a basis for the creation of potential master plan scenarios. A total of 16 strategies were studied, with a recommendation of three concepts developed for feedback from the Steering Committee. These were named "incremental," "Shuffle," and "Off-site."







BALANCED PROGRAM PEROS/TES AND FINAL RECOMMENSATIONS

-	terre internet	1		1	1	-	10 M B	2	an band	
Sale Print Statement	- 100	14				÷		1.1		5
	and the second	_	_	-1	_	_	-	_	_	_
	and the second division of the second se		_	_			_			
Iner Reaction	141.00.00.00	111			1	14		16		i.
had being	10.10.00.0	110		1	14		-			
Number Associa	100 mil 100 10									
- House and the second se	100 mil 100 10	100		-	10			1	1	
100 Mar 100	i internetie	L		_			_	1.		
for the force of the	100.000.000.00	1		4	10	1	-	14		4
he has inc		1.1			1.4	1.1		14	1.	
COLUMN TWO IS NOT		1.1				14	_	14		
and the second			14		24	1	-	1.	1	1
10.00		1.1	1			1		1	10	1
presenting surface of faces		111			1	1		1.	14	à
		114	_	- 1		14				
ter bereiten	-	_		-	1		-	_	_	
in a second s	-				_			12	1	
				- 1				_		

Oplian A - incremental A series of small moves designed to minimize program disruption would include new additions onto buildings A and C; demo of building F and construction of a larger building in its lacation; and an addition between buildings H and I in the site of the existing parking orea.

HEPLENEN/MORE PRODUCES.

Para principal physics and cherrified to a community the baseline prior accommunication, preving a sufficient The physics are manipulated to taken the sequential under second accordent to propagilist. The interest dents giving anisotropic president impact and discipling. The bounders have being and papersonale and have on been conflict with a construction team. Loss estimates for these physics, each excitated here the reason physics alone. It is addressed when the representation will be accompliabed. The prevent building, we shall be defined and building weat, and other in stepper stepping the investigated do a case by case basis. Additionally, it is recommended that the Def counter activity one satisfactor for ghand werk over a partial of yours in to be to tagtion externs of which and monotone that and discontine for the instantment.

"Solitowing the internet private private and the strategy."

ь.	Plane 18 from Desper-Gauss (2000)	17 Distances
е.	Later 24 parts tarting cannot strate	1.
1	Pone 18 Michaelon Politology (1)	- 4 0 period
	Physical R Russian, Channels (Physical) (Press, pressent) (2019)	14.5 4404
	Plant 33 Percently (anisymetry Pages (PDP)	
	Summit Research (Samong (1995), Public Allants (198)	1.0.0.00040
	Phone P. Winsen Parentes, P.Y. 1994 at 4, Constructing Researcy 20171	10.6 secoles

Linetty

1144448

14.8 44034

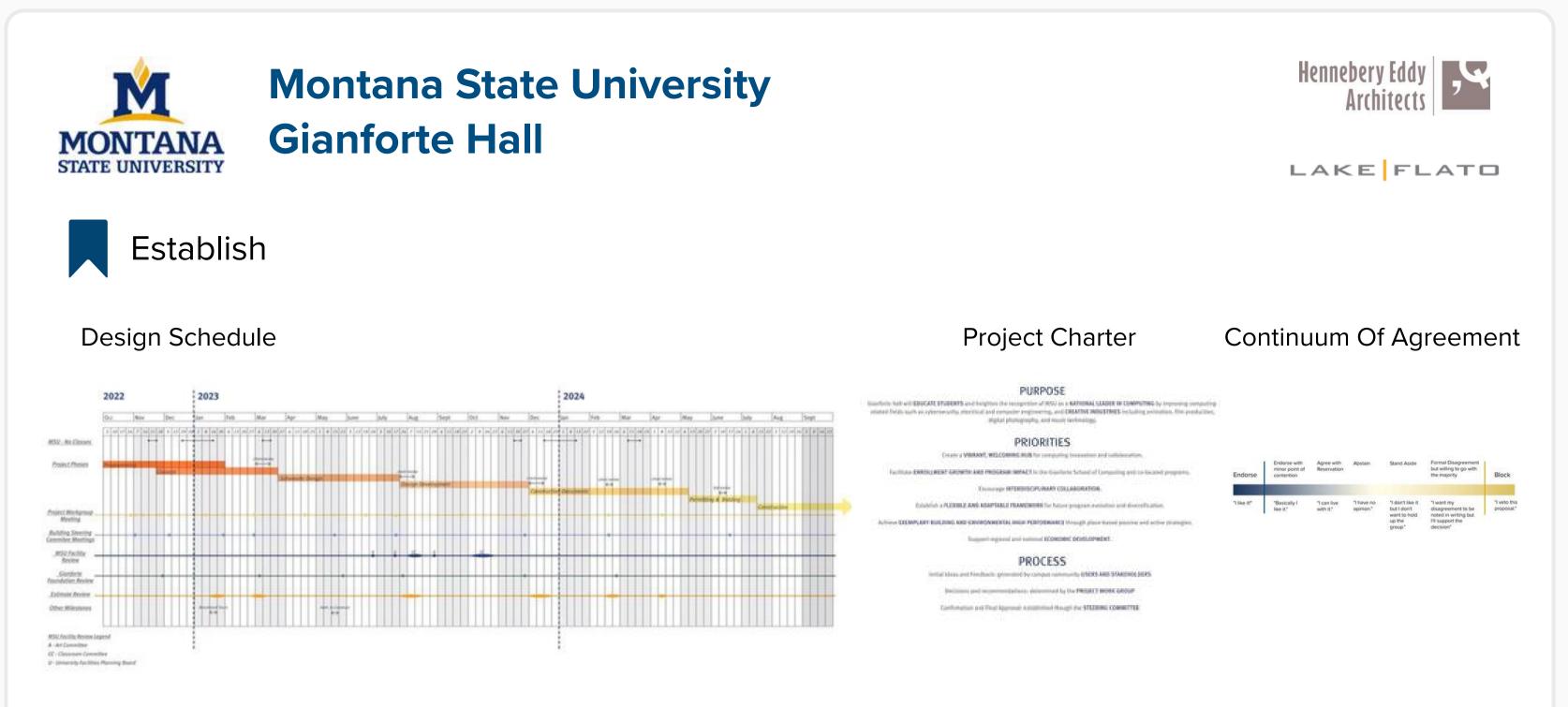
-104003

1444.000

10.644464

A Press Pr · Plant 3A Prints Toronto (PG)

- · Phone 38 Stote Persists (SP)
- · Plant IC Potential Inter For Postly
- Phase 44 Number Resources (50)
- Phase of internation inclusing (71)
- 4 Plane of Public Affairs PAL





Benchmarking Tour

253405

2005003505

1031717005

11100030855



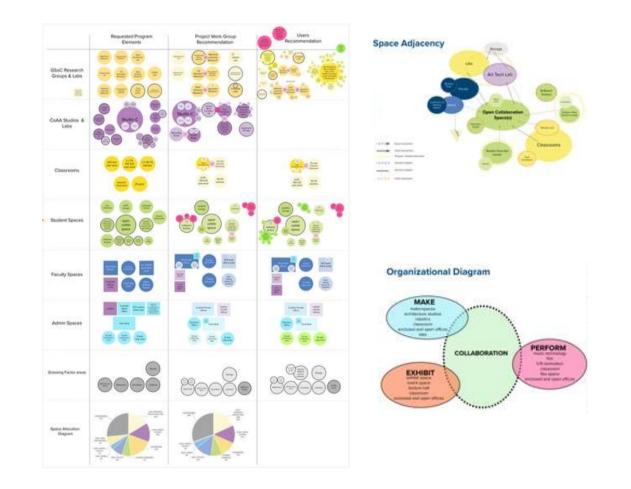
Integrated Design Workshop







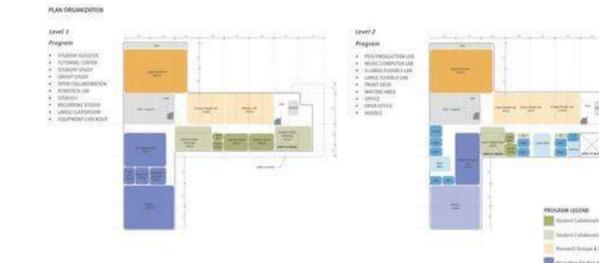
Stakeholder / User Meetings - Spatial Analysis



Site Analysis







Submotal"	ii.				CHUM		
An Rotech	11	- MHR	MARINE.	"Place	(See.B.	8	
Table Christian		C. Column	100/00/5449	- 125 M	10.000		
Bacterial Brookpt	-11 - 11	1.0445	100 W/wee	- 156 M	150.94		
Rahmetoon -		C. Control	100100/0000	124.94	130.84		
- hopistics, blocks	1	1.9440	ALC: 10.00	40.04	100.00	.	

	1 1/1	1.000	ALC: NO.	100.00	949.27
Phil C STATUCEL Rest, Spec (West (15w2)	1	4 1000	41.01.070	140.00	141.7
Farada Calabaration, Types (Miles	1 28	\$ mits	- 4110(410	441.07	
An only to Nament Rodshie Rosson	1 2	1 mile	1 IN WINE	110.94	345.9
Natio Displantes		1.000	A MA STOCKED	#24.50	414 %

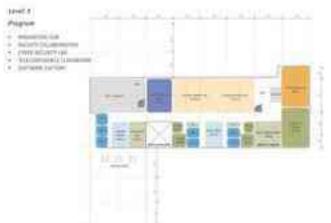
....

	14	Carette	Re Brites	9.10	Same	1 2		The second se
-								
	_	-					_	
Ingli Book		1 March	- BENDARD	10.9	101-9			ł
Man Paula (Plus 1040)		11000	100 Minute	100.97	100.0			
Dest 1994 EAMS CARE		1 Martin	471 St. 1	1 1111	1/23 57	- 12		
Cardwarou Room	- 2		215/1416	796.92	756.58		14	ł
Adm Crossesse		1 1005	1119/06/1410	1019	1109.94			
Selforal		-			1,314.37			

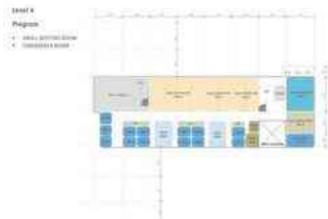
Situation Webs	1. 1.000	A DOMESTIC AND INCOME.	1,000.101	2,581.00
fund Constantiant	- 1 C - 1 C	00001146	110000	2.5/N M
Instates	1 1 1 444	-8,000 Million	4,599 57	4,000 58
Votcal Geslation Bally	1 1.019	2019 (Comp.)	305.97	
Testing Conductor Regim Federal	1 1 1 1 1 1	Art Milant	CONTRACTOR OF CONTRACTOR	1.010
Retfloat Orcadation Elevation	1 1 1 1 1 1 1	10.01 Million	1025.52	1171 N
Turial Restruction & Caroling Early		and the second second	100000	105.5
Mary's Multi-craft Reviewant	1 1 1 1 1 1 1 1	the Official	0.000	and the
Warser's Multi east hearsure	1. 1	10150 (unit	1100.54	1000 M
Engle Onnanzel Multi-styll Reservants	1 1 1 1 1 1 1 1	515K Selle	1941.54	101.9
Intelle (Aust Bastrians)	1 1.040	The Spinsterio	- P6 MP	100 M
Apply Cast Appen	1. 1,000	ALC: NO NOTION	00.58	800 50
Teta Sectorial & Screate		0.0000051	12111203	80 M
Rain Included Room	1 1 1 1 1 1 1 1 1 1 1 1 1	101 Milani	101.64	- 101 M
performant linear	1 1 area	10 Millard	10.57	110 9
- Norman	2 Carine	- UNK Milantik	10.75.501	1010

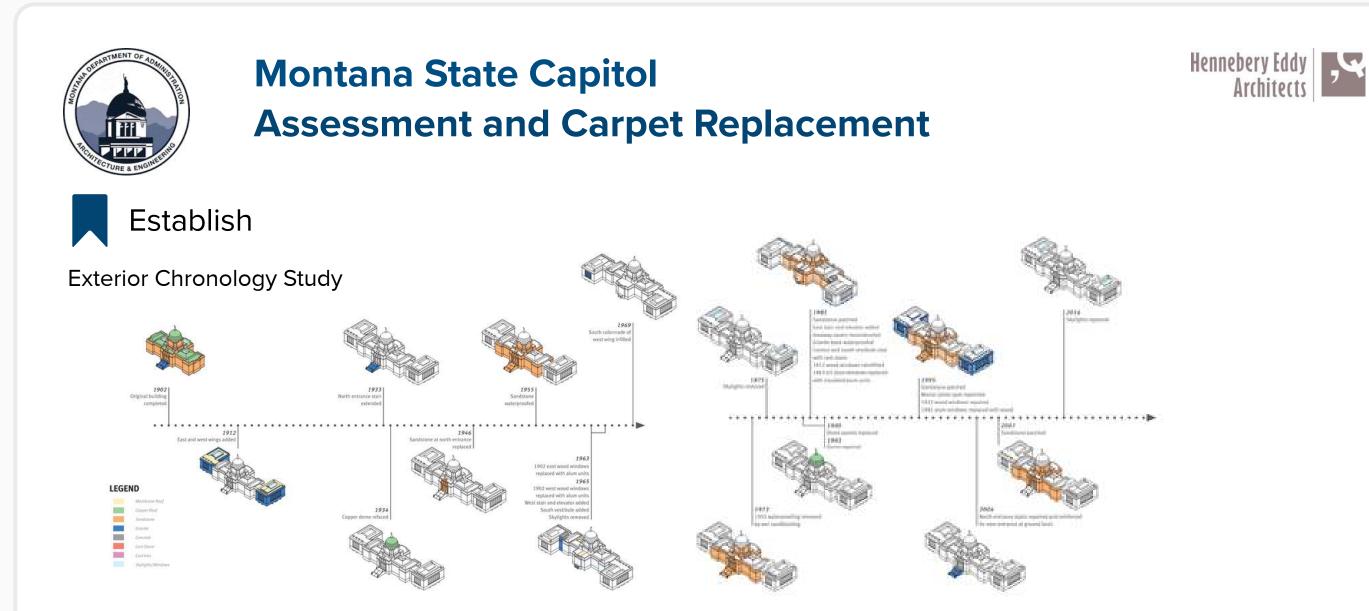
						11	
0.77	Ro. of Aparts	Denity	An Arrang	¥/88	Trage New Yor		
Intel Mechanical, Tracks of & Inflamination	_				1405.97		
Machanical - Exclusion Reserv		1.000	- 1. Mar. M. Lowert	1.1.1000.000	1.5mm SF		
Backgoing - Alto bird units		1.000	and the second second second		= M		
Bertanue - Budoe Sele Trend Sener		1.000	P.M. wett	1.14			
Decision Mari Asson		1040	333 Month	3/14	101.00		
Electrical: Colorise Had for LHERs Reproduction		1.0428	0.575	1.10			
Territorial dispertitioner	- 1	1.000	COMPANY AND INCOME.	inter ter	antes 10		
Territor-Clevel		1.494	and Million and	50.58	900 M		
Electrical - Bandhat Parent		1.444	0.55/web	. 19	2.00		
Earliest deserver Autorite		3 846	a Million	14	10		
Tarting Surgery has		1.000	Int Milant	Lan M	had M		
Parenting - Salahing & Booke Malor		1.000	10 M lunit	10.42	in M		
Parenting Secondly Reports Farm Report		1.694	100 Minute	1,04.58	1.00 M		
Plateine - Next Columns & Issue		1.444	Intel Mr. Lands	101.9	300 M		
This Properties. For Prone State		1 1 1 1 1	was Mound	101.47	100.57		
The Personnel - Free Mater Bartefree		1 100	-1 In Minnel	55.58	10.00		
100		1 844	THE MALLER	5.94.94	1.015		
6M	1.1.1	1.444	WE STrank		180.57		
Lorest Residence From		1.446	100 M Auto	1.000.00	1000 M		
Building Roman area	0.000	1.4756	And Milwood	1 Notes for	100.45		
Reserved Destroyed Connection Res.		1.670	And Million	- hous be	300 M		
Subjectal		_		-	17,734 W		

16,007.0
ALLEN M
10.156 W









Understand

Understanding the Building







	TIT	
100	a subset	
-	Parameter 1	-
	100	1.00
100	a second s	1.070
ing 1	STATES -	-
	and and	
		11.1
	The state of the s	- (in
interior P		
-		



Wordstee	63104
Type:	Decitie hung archeit
Matartat	Wood
Operately	(a)
Original	044
Autom Planet Santi.	Rend
Lines Saits	Surface betweekiden
April 1	600
Coloriar Sill.	Buttace deteroration
Adapter 200	Buttack personation
Advised Time	(food
Interior Street	Gasé
George Type:	Deir RJ
Disaring Garettian.	Mad .
Pate	408
6400	Good
Putter	Good
URyPhile.	Root
Oversi	6and
Hantakara Oriphali	





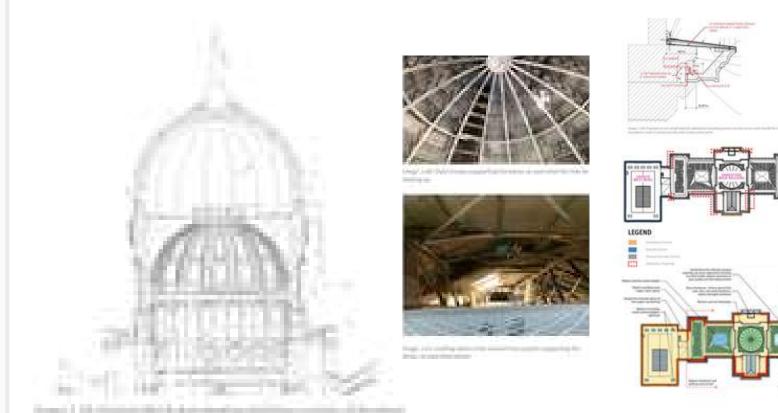








Treatment Options

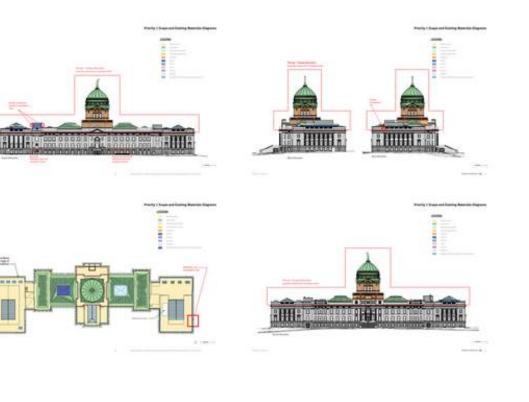




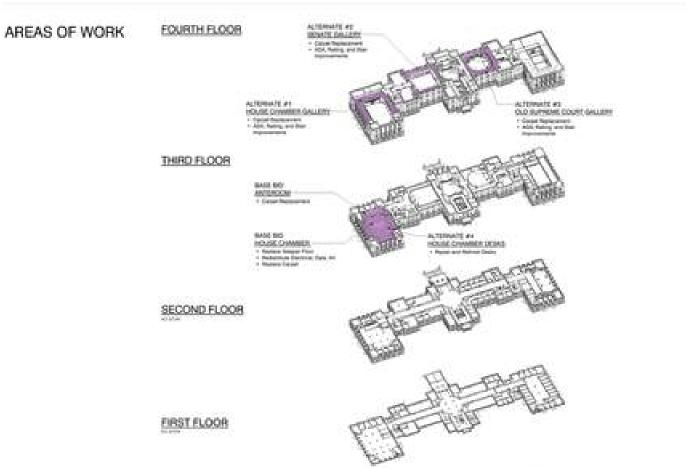
Document

and the local

Priority 1

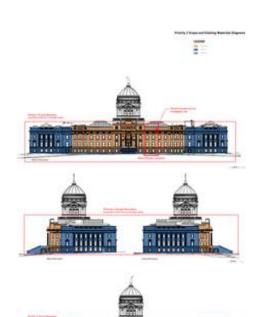


Carpet and Space Planning Priority Diagram

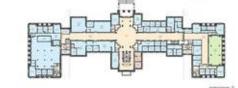


Priority 2

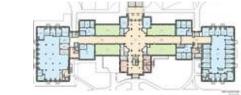
Priority 3



-



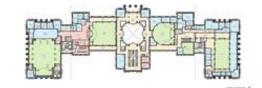
Basement



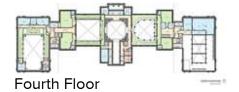
First Floor



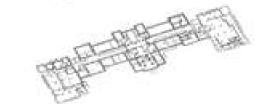




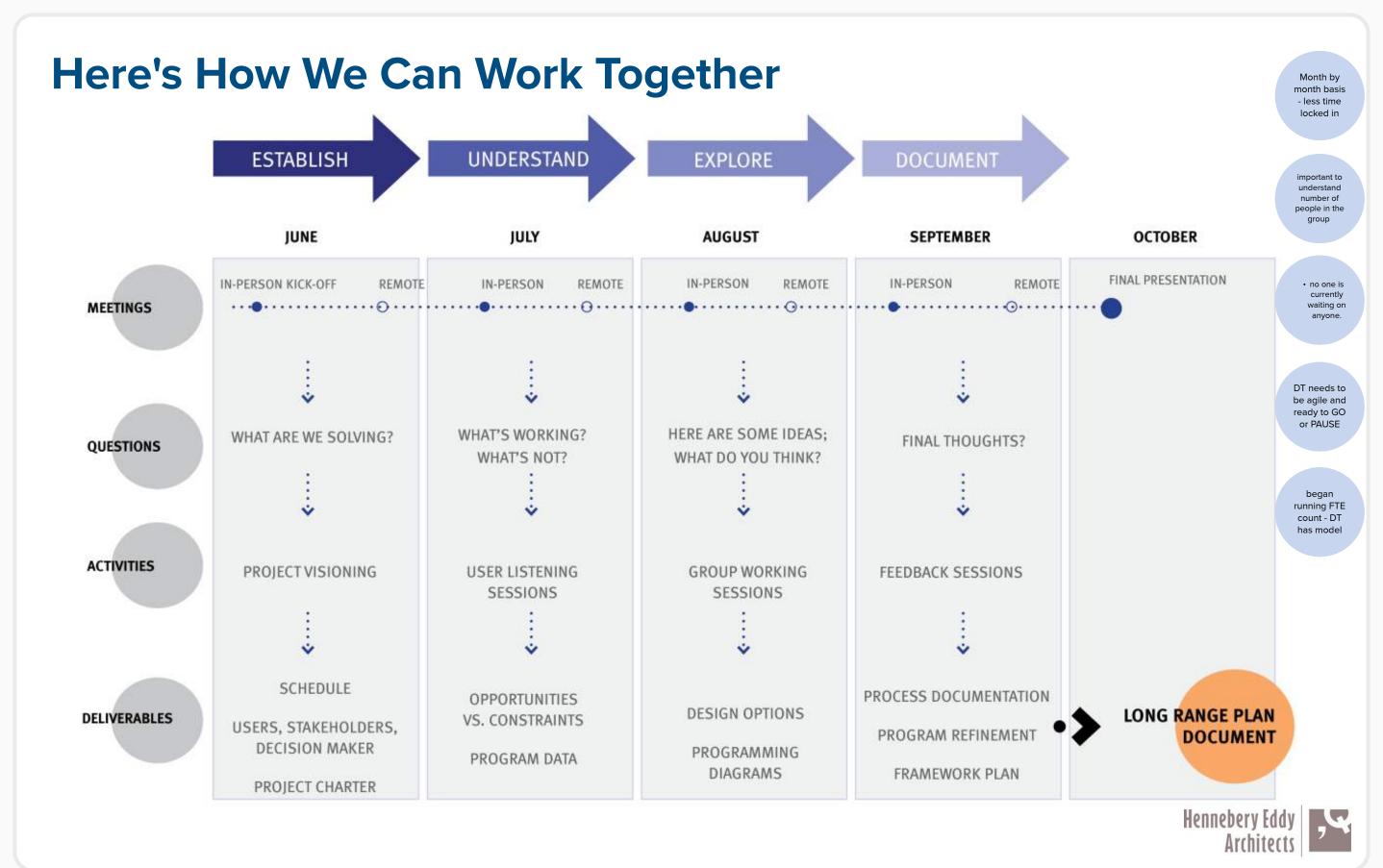
Third Floor



BASEMENT FLOOR



 $\overline{\mathbf{v}}$

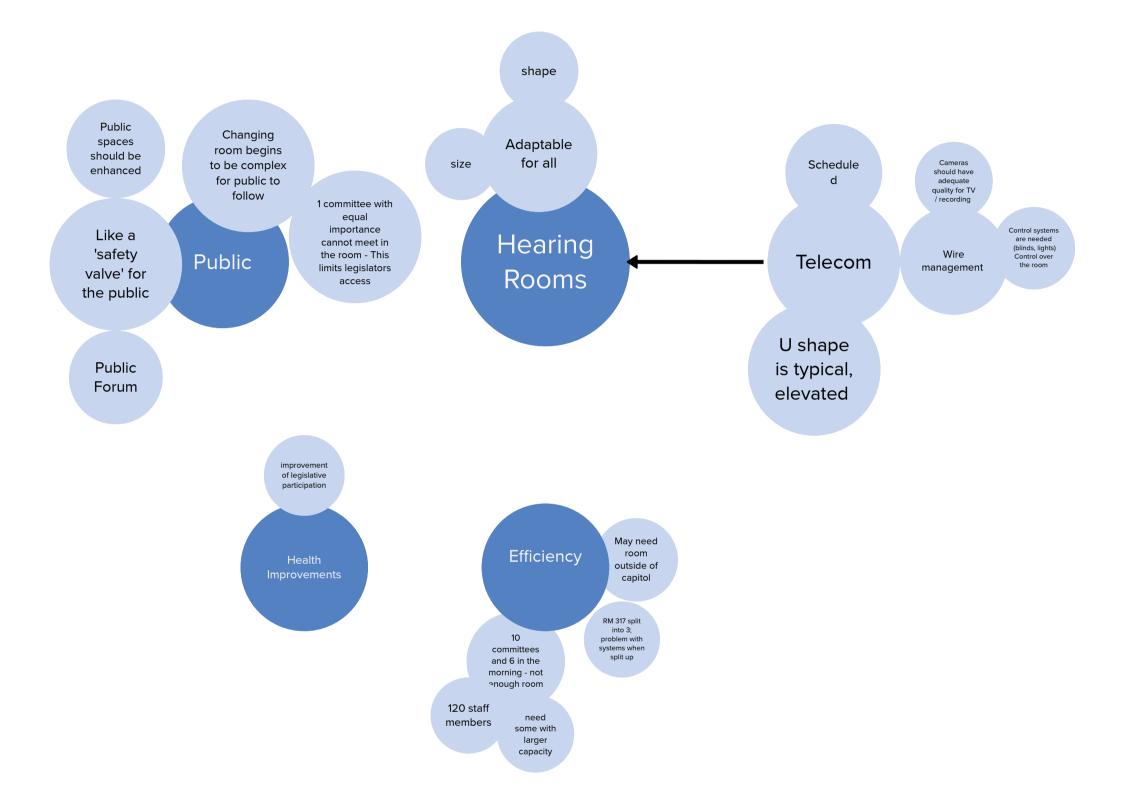


How does the current Capitol layout support the work you do? Are there elements of the layout that interfere with your work?





What's the most important thing to change in the Capitol layout? What (if anything) could prevent you from achieving that goal?





What have we missed?





Team will look at current rose configuation Deloy into state to understand possibilities in collaboration

