

UNIVERSITY OF ARKANSAS

MULLINS LIBRARY RENOVATION PROGRAMMING STUDY

**FINAL REPORT
JUNE 27, 2018**

MILLER BOSKUS LACK

PERRY DEAN ROGERS | PARTNERS ARCHITECTS

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ACKNOWLEDGMENTS

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SCHEDULE

PROGRAMMING SESSION 01
KICK -OFF MEETING
January 11 – 12, 2018

PROGRAMMING SESSION 02
INITIAL LIBRARY PLANNING
INITIAL LIBRARY OPERATIONS
February 22 – 23, 2018

PROGRAMMING SESSION 03
FINAL LIBRARY PROGRAMMING
FINAL LIBRARY OPERATIONS
FACULTY PRESENTATION
STUDENT PRESENTATION
April 04 – 05, 2018

PROGRAMMING SESSION 04
REVISED LIBRARY PLANNING
PROGRAMMING COST ESTIMATE REVIEW
May 24, 2018

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01

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

OVERVIEW

The David W. Mullins library was constructed in 1968, with a substantial addition to the east in 1996. In 2015, the university moved forward with the design of the Library Storage Building that will free up space in Mullins currently occupied by library shelving. During the design of the storage building, the program for the library was updated to envision a shift from a repository of a large physical collection of books to a 21st century collaborative learning space focused on student and faculty engagement.

As a continuation of the effort of the previous program study, this report documents the preliminary programming phase of the project that targets a significant renovation of the third and fourth levels of Mullins Library. In addition to a focused planning of levels three and four, the Design Team also explored possible future phases of renovation involving the entire library.

This program document does NOT include any MEP, Structural or Environmental assessments of the current building.

DESIGN STRATEGIES

Design strategies are developed at the beginning stage to ensure a conceptually cohesive design throughout the library. Main strategies include identifying a two-part zoning between quiet and active program, potential skylights and façade penetrations to bring natural light into the core of the building and potential vertical connections between floors. These high-level design



Mullins library in 1968



New addition in 1996



Interior study space in original Mullins library



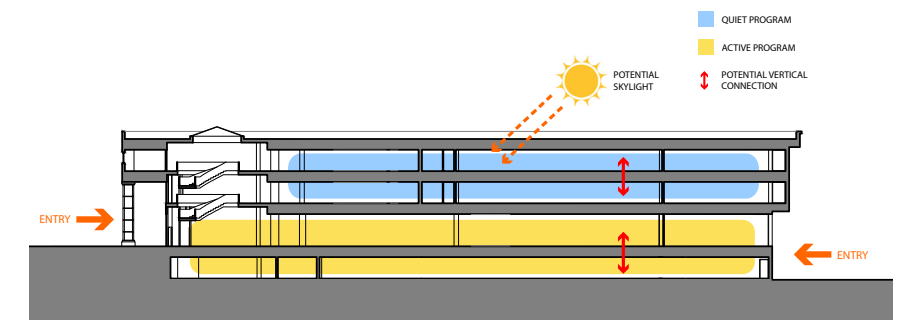
Curved public staircase in the new addition

principles aim at enhancing an open and collaborative learning experience while still maintaining some quiet study spaces for both students and faculty. With this in mind, the Design Team further identified ideal locations for a mixture of unique program spaces including Special Collections, quiet reading rooms, a cafe, an events space and staff spaces through the utilization of section diagrams.

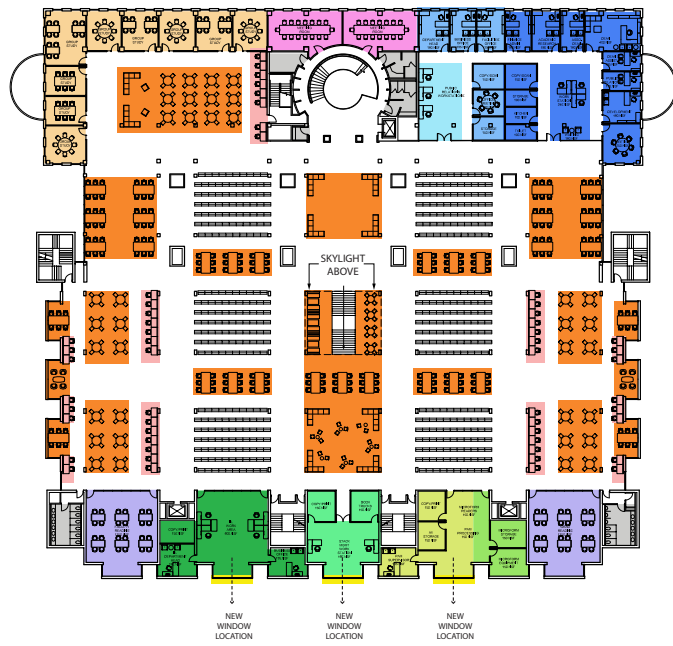
PROGRAM STUDY

During three rounds of programming sessions, the Design Team worked closely with the Library Working Group and key representatives of FAMA to determine the detailed sizes and ideal adjacencies between different program elements. The final programs are documented as spreadsheets and diagrammatic program blocks in this report.

On parallel, the Design Team developed a number of programming layout iterations based on the previous study renovation scope plans and new input from Library Working Group. The preliminary set of renovation scope plans were generated in the 2016 programming study to identify areas to be preserved versus area to be renovated on each floor. The strategy is to concentrate new programs requiring invasive demolition and renovation in the older part of Mullins while keeping the majority of the collections to remain in the more recently constructed library addition.



Main design strategies



Floor plan study during programming session two

Following the timeline of programming sessions, new design options explored a variety of strategies from minimum adjustment to existing collections to prioritizing study space locations (i.e. along exterior windows) by redistributing the collection to remain.

The final program study achieved a balanced layout between collections, student study spaces and staff spaces. The seat count chart at the end of the final program section demonstrates that the target learning space seat counts should be achieved once the follow-up phased renovation of levels one and two take place.

In addition to the programming exercise of the entire building, the Design Team also undertook a detailed room-by-room space configuration for all program units. This effort is documented in appendix C – Library Room Data Sheet.



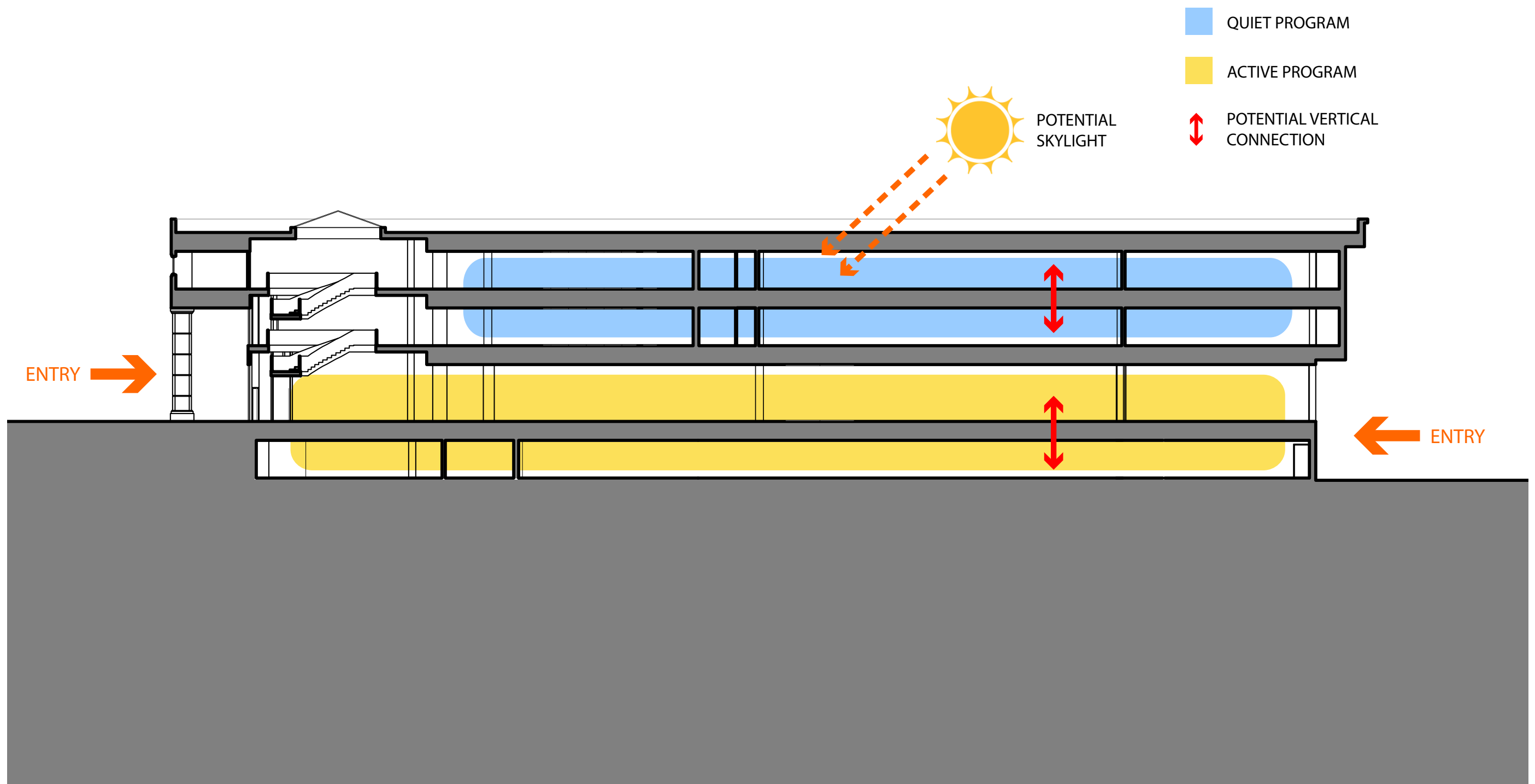
Conceptual interior perspective view

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MULLINS LIBRARY PROGRAMMING FINAL OPTIONS

DESIGN STRATEGIES

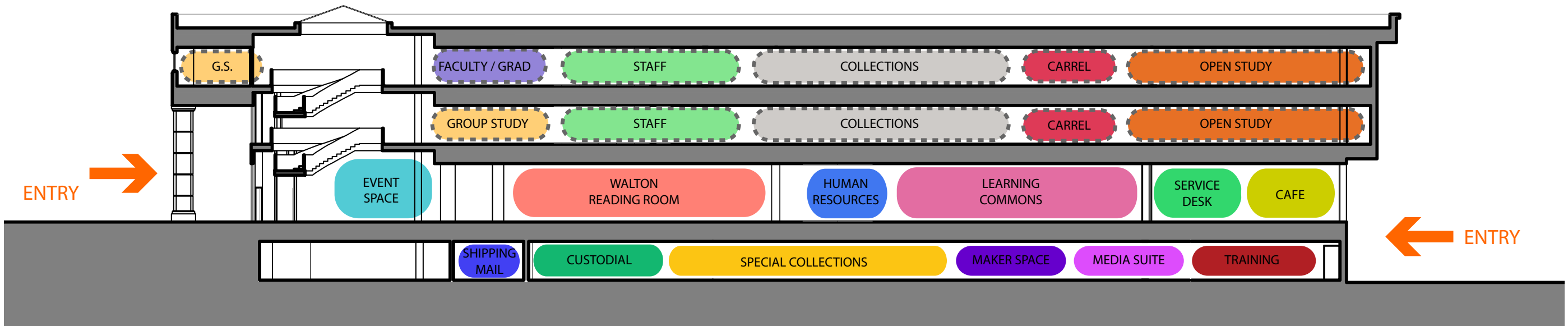


LEVEL 4: GROUP STUDY STAFF COLLECTIONS CARREL OPEN STUDY FACULTY / GRAD READING

LEVEL 3: GROUP STUDY STAFF COLLECTIONS CARREL OPEN STUDY

LEVEL 2: EVENT SPACE WALTON READING ROOM HUMAN RESOURCES LEARNING COMMONS SERVICE DESK CAFE

LEVEL 1: SHIPPING / MAIL CUSTODIAL SPECIAL COLLECTIONS MAKER SPACE MEDIA SUITE TRAINING



LEARNING

- TRAINING
- CARREL
- LEARNING COMMONS
- WALTON READING ROOM
- OPEN STUDY
- GROUP STUDY
- EVENT SPACE

STAFF

- SHIPPING / MAIL
- HUMAN RESOURCES
- SERVICE DESK
- STAFF
- CUSTODIAL

NEW PROGRAM

- MAKER SPACE
- FACULTY / GRAD READING
- MEDIA SUITE
- CAFE

COLLECTIONS

- SPECIAL COLLECTIONS
- COLLECTIONS

MULLINS LIBRARY PROGRAM - STAFF SPACE

University of Arkansas - Mullins Library
Staff Spaces Program Updated
 Perry Dean Rogers Partners Architects
 5/1/2018

Department	Area Type	# Of Units	Reduced Program 6/17/2016		Updated Program 2/2/2018		Updated Program 5/1/2018		Name	Notes	
			Suggest Area/Unit	Suggested Total	Suggest Area/Unit	Suggested Total	Suggest Area/Unit	Suggested Total			
Administration Suite											
Dean	Dean's office	1	400	400	400	400	400	400	Carolyn Allen	Meeting table for 6, credenza	
Development Office	Director's office	1	180	180	180	180	180	180	Rachel A. Krest		
Academic & Research Services	Director's office	1	180	180	180	180	180	180	Lora Lennertz		
Associate Dean	Director's office	1	180	180	180	180	180	180	Michele Reily	Also Head of Collections Management	
Finance and Administration	Director's office	1	0	0	180	180	180	180	Marco De Prosperis		
Public Relations	office	1	135	135	135	135	135	135	Kelsey M. Lovewell		
Assistant to the Dean	office	1	135	135	135	135	135	135	Molly Boyd		
	waiting area	1	150	150	150	150	150	150		lounge furniture for 4	
	workstations	3	80	240	80	240	80	240	Martha, Ila, Sara		
	bathroom	1	80	80	80	80	80	80			
	kitchenette	1	100	100	100	100	100	100		adjacent to meeting room, coffee machine, fridge, sink, cabinets	
	meeting room	1	250	250	250	250	250	250		for 10 @ 25sf per person	
	copier	1	100	100	100	100	150	150		for one copier, layout table, etc	
	storage	1	100	100	100	100	100	100		for filing, donor gifts and supplies	
				2,230		2,410		2,460			
Business & Facilities Services Suite											
Head of Office	Department Head office	1	180	180	180	180	180	180	Debra Cheval	Close to Admin Suite	
Facilities office	office	1	135	135	135	135	135	135	Brian Curtis		
Business Office	office	1	135	135	135	135	135	135	Renee Rogers		
	storage/copy area	1	270	270	150	150	150	150			for one copier, layout table, and storage cabinet
	meeting room	1	300	300	160	160	160	160			Meeting room and table for 6, can be combined
				1,020		760		760			
Shipping & Receiving/ Mailroom											
	workstation	2	80	160	80	160	80	160			
	mailroom/breakdown/ receiving area	1	700	700	700	700	700	700		shelving, layout tables and counters	
	surplus/ furniture staging room	1	280	280	265	265	265	265		(Room 190) 14' x 20'	
	surplus room	1	280	280	0	0	0	0		included in above	
	supplies room	1	200	200	200	200	200	200		shelving on opposing walls with paper stacking space in	
				1,620		1,325		1,325			
Human Resources											
Director	Director's office	1	180	180	180	180	180	180	Jeff Banks	near service desk	
HR Manager	office	1	135	135	135	135	135	135		Meeting table for 6	
HR Assistant	workstation	2	80	160	80	160	80	160			
	file room	1	100	100	100	100	100	100		Active files. 6 lateral files, three high	
	meeting room	1	250	250	250	250	250	250		for 10 @ 25'	
	copy/print	1					150	150		added copy/print	
	reception/waiting area	1	100	100	100	100	100	100			
				925		925		1,075			
Public Relations Workroom											
	workroom	1	150	150	0	0	0	0	Kelsey M. Lovewell	included in Administration Suite	
	workstations	3	80	240	80	240	80	240		Dedicated ventilation for spray adhesive work.	
	storage/copy area	1	100	100	150	150	0	0		can be combined	
				490		390		240			

MULLINS LIBRARY PROGRAM - STAFF SPACE

Department	Area Type	# Of Units	Reduced Program 6/17/2016		Updated Program 2/2/2018		Updated Program 5/1/2018		Name	Notes	
			Suggest Area/Unit	Suggested Total	Suggest Area/Unit	Suggested Total	Suggest Area/Unit	Suggested Total			
Office of Scholarly Communication											
	Head of Office	Department Head office	1	135	135	180	180	180	180	Melody Herr	
	IR Manger	office	1	135	135	135	135	135	135		
	IR Assistant	office	1	135	135	135	135	135	135		
	IR Coordinator	office	1	135	135	135	135	135	135	Cedar Claire Middleton	
		storage/copy area	1	100	100	150	150	150	150		
				640		735		735			
Staff Support Areas											
		breakroom	1	900	900	900	900	900	900	Staff = 179 FTE and 225 people Full staff events to utilize events space counter with 3 microwaves, coffee, sink, oven, double fridge, dishwasher, hot water dispenser, garbage disposal, drinking water fountain 3 machines, off kitchen, acoustically enclosed Included in net to gross As required by LEED	
		kitchen	1	100	100	100	100	200	200		
		vending room	1	100	100	100	100	100	100		
		bathroom	2	0	0	0	0	0	0		
		nursing station	1					150	150		
		shower & changing	2	50	100	50	100	50	100		
				1,200		1,200		1,450			
Custodial Services											
		supervisor office	1	200	200	200	200	200	200	FAMA-Non library staff	w/ 12 lockers; 2 workstations; table for 4
		cleaning equipment	1	100	100	100	100	100	100		For carpet cleaning machine. With sink
		storage	1	150	150	150	150	150	150		for chemicals, etc
		cleaning materials	1	150	150	150	150	150	150		
		storage	1	25	200	25	200	25	200		2 per floor at either end of building
		custodial closet	8	25	200	25	200	25	200		
				650		650		650			

MULLINS LIBRARY PROGRAM - STAFF SPACE

Department	Area Type	# Of Units	Reduced Program 6/17/2016		Updated Program 2/2/2018		Updated Program 5/1/2018		Name	Notes
			Suggest Area/Unit	Suggested Total	Suggest Area/Unit	Suggested Total	Suggest Area/Unit	Suggested Total		
Collections Mgmt Services & Systems / Web Services										
	Director's office	1							Michele Reily (Director)	included in Administration Suite
	Head of Systems	1	135	135	180	180	180	180		
	Head of Web Services	1	135	135	180	180	180	180		
	office	5	135	810	135	675	135	675		
	systems equipment room	1	250	250	250	250	250	250		Adjacent to shipping and receiving. Could be remote from offices and server. Shelving and tables for new equipment
	server and backup	1	100	100	100	100	100	100		Adjacent to systems offices. One rack. Independent cooling and power backup
	printer/ copier	1	100	100	100	100	0	0		including supplies storage, can be combined
				1,530		1,485		1,385		
Bindery / Preservation Shipment										Adjacent to shipping and receiving area
	Preservation office	1	135	135	135	135	135	135		
	Bindery workstation	2	80	160	80	160	80	160		part of work area
	Bindery (Preservation) Preparation workroom	1	800	800	300	300	300	300		Workroom for preparation of materials to go to bindery and/or preservation room in Library Storgae Facility
	copy/print	1					0	0		can be combined
	receiving room	1	280	280	100	100	100	100		Adjacent to Shipping & Receiving. Work table, shelving (4 sfs) and floor space for stacking boxes and 4 book trucks
				1,375		695		695		
Technical Services										Access to elevator
	Head of Department	1			180	180	180	180		
	office	6	135	1350	135	810	135	945		add 1 more office, total = 7
	workstation	18	80	1760	80	1,440	80	1,440		
	work area	1	500	500	500	500	500	500		
	shelving	12	15	180	15	180	15	180		
	shelf list cabinet	1	10	10	10	10	10	10		
	book truck	33	15	990	15	495	15	495		booktrucks distributed to workstations
	student workstation	2	60	120	60	120	60	120		
	Technical Services Copier Area	1	150	150	150	150	150	150		for three copiers with layout tables, fax and paper storage
	supplies closet	1	50	50	50	50	50	50		stationary, etc
	sink and counter	1	25	25	25	25	25	25		
				5,135		3,960		4,095		
Government Documents Processing										Counted in Technical Services
	office	0	135	135	0	0				
	workstations	0	80	160	0	0				
	work areas	0	150	150	0	0				
	shelving	0	15	90	0	0				
	shelf list	0	20	120	0	0				
				655		0				
				8,695		6,140		6,175		

MULLINS LIBRARY PROGRAM - STAFF SPACE

Department	Area Type	# Of Units	Reduced Program 6/17/2016		Updated Program 2/2/2018		Updated Program 5/1/2018		Name	Notes
			Suggest Area/Unit	Suggested Total	Suggest Area/Unit	Suggested Total	Suggest Area/Unit	Suggested Total		
User Services										
User Services Service Area	service desk	1	250	250	250	250	250	250		2 reference, 2 circulation, 1 lab op - verify sf. Includes ILL drop-off/ pick up 2 cabinets for 30 each. Could be combined with Lab Op first-aid, behind desk supplies, lost-and-found, etc. Behind desk
	laptop storage	2	30	60	30	60	30	60		
	closet	1	25	25	25	25	25	25		
	locked closet	1	25	25	25	25	25	25		
				360		360		360		
User Services Support	Department Head office	1	180	180	180	180	180	180	Kathleen Lehman Lynaire Hartsell	in screened area behind desk in screened area behind desk, (5) offices, (2) can be shared offices in screened area behind desk, 5 work stations holds/ILL (ideally 27-36 shelves worth – assuming each shelf is a standard 36 inches), Course reserve/textbooks (ideally ~45 shelves worth), Ready-reference materials (~8 shelves worth), 800 square feet sorting. Could be in a screened area behind desk 6 full-height lockers, in screened area behind desk include (66) 1/3-height lockers, in screened area behind including supplies storage
	Circulation Supervisor office	1	135	135	135	135	135	765		
	work stations	8	80	640	80	640	80	400		
	circulation desk shelving	80	15	1200	15	1,200	15	1,200		
	locker space	1	24	24	24	24	24	24		
	student log-in station	1	60	60	60	60	60	60		
	printer/ copier	1	100	100	150	150	150	150		
Interlibrary Loan/Document Delivery	Department Head office	1	180	180	180	180	180	180		added copy/print for 5 workspaces plus 4 scanners, copier, mail room, shelving, book trucks, recycling, shredding. Access to elevator
	copy/print	1	135	135	135	135	135	135		
	work area	1	600	600	600	600	600	600		
Stacks Management	workstations	2	80	160	80	160	80	160		
	book trucks	10	15	150	15	150	15	150		
				3,564		3,614		4,154		
Instruction & Liason	Department Head	1	180	180	180	180	180	180		should be located together, near Learning Commons includes 12 reference librarians and GA's including supplies storage (3) consultation spaces
	Reference office	20	135	2700	135	2,700	135	2,700		
	printer/ copier	1	100	100	100	100	150	150		
	consultation space	1	100	100	100	100	100	300		
				3,080		3,080		3,330		
Lab Operations (General Access Computing Lab)	service desk	1	90	90	90	90	90	90		1 service desk/ workstation. Adjacent to student workstations and printers in Learning Commons proximal to student workstations and Lab Operations
	copiers/printers/scanners	15	20	300	20	300	20	300		
	workroom	1	100	100	100	100	100	100		
	storage	1	100	100	100	100	100	100		
				590		590		590		
				7,594		7,644		8,434		

MULLINS LIBRARY PROGRAM - STAFF SPACE

Department	Area Type	# Of Units	Reduced Program 6/17/2016		Updated Program 2/2/2018		Updated Program 5/1/2018		Name	Notes
			Suggest Area/Unit	Suggested Total	Suggest Area/Unit	Suggested Total	Suggest Area/Unit	Suggested Total		
Performing Arts & Media										
	Librarian office	0	180	180	0	0	0	0		
	Supervisor office	1	135	135	135	135	135	135		
	staff office	0	135	135	0	0	0	0		
	processing area	1	150	150	150	150	150	150		
	av storage	1	300	300	150	150	150	150		
	shelving	1	15	15	15	15	15	15		
	printer/ copier	0	100	100	0	0	0	0		associated with service desk including supplies storage
				1,015		450		450		
Microforms	microform readers	1	300	300	150	150	150	150		3 new multi-format machines. Location to be decided
	microform equipment	1	300	300	150	150	150	150		Location to be decided
	microform storage	1	100	100	100	100	100	100		Location to be decided
				700		400		400		
				1,715		850		850		
Digital Services										
Head of Office	Department Head office	1	180	0	180	0	180	180		
	Workstations	8	80	0	80	0	80	640		
	Working Area	1	520	0	520	0	520	520		
	Storage	1	100	0	100	0	100	100		
	Meeting Room	1	160	0	160	0	160	160		
				0		0		1,600		
Staff Spaces Program TOTAL				26,779		23,029		25,754		

Notes: Previous offices and work areas based on University Standards as follows:

Deans Office - 400sf Office - 135sf
 Director's Office - 180sf Workstations - 100sf

MULLINS LIBRARY PROGRAM - STAFF SPACE

ADMIN SUITE: 2,460 NSF

- (1) DEANS OFFICE @ 400 NSF
- (1) WAITING @ 150 NSF
- (1) KITCHENETTE @ 100 NSF
- DEVELOPMENT ACADEMIC & RESEARCH ASSOCIATE DEAN FINANCE AND ADMIN @ 180 NSF TOTAL: 720 NSF
- (3) WORKSTATION @ 80 NSF TOTAL: 240 NSF
- (1) MEETING RM @ 250 NSF
- (1) BATHROOM @ 80 NSF
- (1) COPIER @ 150 NSF
- (1) STORAGE @ 100 NSF
- PUBLIC RELATIONS DEAN ASSIT. @ 135 NSF TOTAL: 270 NSF

BUSINESS & FACILITIES SERVICES SUITE: 760 NSF

- (1) HEAD OF OFFICE @ 180 NSF
- BUSINESS OFFICE @ 135 NSF
- FACILITIES OFFICE @ 135 NSF
- STORAGE / COPY @ 150 NSF
- MEETING ROOM @ 160 NSF

SHIPPING & RECEIVING /MAILROOM: 1,325 NSF

- (2) WORKSTATION @ 80 NSF TOTAL: 160 NSF
- (1) BREAKDOWN /RECEIVING AREA @ 700 NSF
- (1) SURPLUS / FURNITURE STAGING @ 265 NSF
- (1) SUPPLIES @ 200 NSF

HUMAN RESOURCES: 1,075 NSF

- (1) DIRECTOR @ 180 NSF
- (1) MEETING RM @ 250 NSF
- (1) HR MANAGER @ 135 NSF
- (1) RECEPTION / WAITING @ 100 NSF
- (2) HR ASSIT. @ 80 NSF TOTAL: 160 NSF
- (1) FILE ROOM @ 100 NSF
- (1) COPY / PRINT @ 150 NSF

PUBLIC RELATIONS: 240 NSF

- (3) WORKSTATION @ 80 NSF TOTAL: 240 NSF

OFFICE OF SCHOLARLY COMMUNICATION: 735 NSF

- (1) HEAD OF OFFICE @ 180 NSF
- (3) OFFICE @ 135 NSF TOTAL: 405 NSF
- (1) STORAGE @ 150 NSF

STAFF SUPPORT SPACES: 1,450 NSF

- (1) BREAKROOM @ 900 NSF
- (1) KITCHEN @ 200 NSF
- (1) VENDING ROOM @ 100 NSF
- (2) SHOWER & CHANGING RM @ 50 NSF TOTAL: 100 NSF
- (1) NURSING STATION @ 150 NSF

COLLECTIONS MGMT SERVICES & SYSTEMS: 6,175 NSF

SYSTEM / WEB SERVICES: 1,385 NSF

- (1) HEAD OF SYSTEM @ 180 NSF
- (5) OFFICE @ 135 NSF TOTAL: 675 NSF
- (1) HEAD OF WEB @ 180 NSF
- (1) SERVER & BACKUP @ 100 NSF
- (1) SYSTEMS EQUIP. ROOM @ 250 NSF

BINDERY / PRESERVATION: 695 NSF

- (1) OFFICE @ 135 NSF
- (1) WORKROOM @ 300 NSF
- (2) WORKSTATION @ 80 NSF TOTAL: 160 NSF
- (1) RECEIVING ROOM @ 100 NSF

TECHNICAL SERVICES: 4,095 NSF

- (1) HEAD OF OFFICE @ 180 NSF
- (1) WORK AREA @ 500 NSF
- (33) BOOKTRUCKS @ 15 NSF TOTAL: 495 NSF
- (1) COPIER @ 150 NSF
- (18) WORKROOM @ 80 NSF TOTAL: 1,440 NSF
- (12) SHELVING @ 15 NSF TOTAL: 180 NSF
- (2) STUDENT WORKSTATION @ 60 NSF TOTAL: 120 NSF
- (1) SUPPLIES @ 50 NSF
- (1) SHELF LIST CABINET @ 10 NSF
- (1) SINK & COUNTER @ 25 NSF

CUSTODIAL: 650 NSF

- (1) SUPERVISOR OFFICE @ 200 NSF
- (8) CUSTODIAL CLOSET @ 25 NSF TOTAL: 200 NSF
- (1) CLEANING STORE @ 100 NSF
- (1) STORAGE @ 150 NSF

USER SERVICES: 8,434 NSF

USER SERV: 360 NSF

- (1) SERVICE DESK @ 250 NSF
- (2) LAPTOP STORAGE @ 30 NSF
- (1) CLOSET @ 25 NSF
- (1) LOCKED CLOSET @ 25 NSF

HEAD OF USER SERVICES: 2,779 NSF

- (1) HEAD OFFICE @ 180 NSF
- (80) CIRCULATION DESK SHELVING @ 15 NSF TOTAL: 1,200 NSF
- (1) LOCKER @ 24 NSF
- (3) OFFICE @ 135 NSF + (2) SHARED OFFICE @ 180 NSF TOTAL: 765 NSF
- (1) STUDENT LOG-IN STATION @ 60 NSF
- (1) PRINTER /COPIER @ 150 NSF
- (5) WORK STATION @ 80 NSF TOTAL: 400 NSF

IIL / DOCUMT DELIVERY: 1,065 NSF

- (1) HEAD OFFICE @ 180 NSF
- (1) OFFICE @ 135 NSF
- (1) COPIER @ 150 NSF
- (1) WORKAREA @ 600 NSF

STACK MANAGEMENT: 310 NSF

- (2) WORKSATION @ 80 NSF TOTAL: 160 NSF
- (10) BOOKTRUCKS @ 15 NSF TOTAL: 150 NSF

INSTRUCTION & LIASON: 3,330 NSF

- (1) HEAD OFFICE @ 180 NSF
- (1) PRINTER /COPIER @ 100 NSF
- (3) CONSULTATION SPACE @ 100 NSF TOTAL: 300 NSF
- (20) OFFICE @ 135 NSF TOTAL: 2,700 NSF

LAB OP (GACL): 590 NSF

- (1) LAB OP SERVICE DESK @ 90 NSF
- (15) COPIER @ 20 NSF TOTAL: 300 NSF
- (1) WORKRM @ 100 NSF
- (1) STORAGE @ 100 NSF

PERFORMING ARTS & MEDIA: 850 NSF

MICROFORMS: 400 NSF

- (1) HEAD OFFICE @ 180 NSF
- (1) PROCESSING @ 150 NSF
- (1) MICROFORM READERS @ 150 NSF
- (1) SUPERVISOR OFFICE @ 135 NSF
- (1) AV STORAGE @ 150 NSF
- (1) MICROFORM EQUIPMENT @ 150 NSF
- (1) SHELVING @ 15 NSF
- (1) MICROFORM STORAGE @ 100 NSF

MULLINS LIBRARY PROGRAM - LEARNING SPACE

Learning Spaces Program

Perry Dean Rogers Partners Architects

2/2/2018

			Reduced Program 6/17/2016		Reduced Program 6/17/2016		Updated Program 2/2/2018		
typology	# seats per typology		Adjusted number by type	Adjusted number seats	Adjusted area per type (sqft)	Adjusted subtotal area (sqft)	Adjusted area per type (sqft)	Adjusted subtotal area (sqft)	Notes
Carrel									
Enclosed Carrel - Faculty	1		0	0	80	0	80	0	
Enclosed Carrel - Graduate	1		0	0	40	0	40	0	
Semi-enclosed Carrel	1		75	75	25	1,875	25	1,875	
Furniture Carrel	1		0	0	25	0	25	0	
	TOTAL			75		1,875		1,875	
Open Study									
Study Table (5'x2'6")	1		180	180	25	4,500	25	4,500	Lounge
Study Table (4'x4')	4		80	320	100	8,000	100	8,000	
Rectangular Table (6'x4')	6		80	480	150	12,000	150	12,000	
Café style Round (30" dia)	2		40	80	30	1,200	30	1,200	
High top Hightop table 3 x 3	4		20	80	50	1,000	50	1,000	
Counter Table w/Stool	1		40	40	20	800	20	800	
Lounge Chair	1		220	220	25	5,500	25	5,500	Includes typology of 4 seats at coffee table. Distributed through bui
Sofa	2		80	160	55	4,400	55	4,400	Distributed through buildi
Ottoman	1		30	30	16	480	16	480	
Booths Semicircular Bench	4		4	16	100	400	100	400	
Table between 2 Benches	4		20	80	50	1,000	50	1,000	
	TOTAL			1,686		39,280		39,280	
Quiet Reading Room									
Tables Walton Reading Room	1		100	100	25	2,500	25	2,500	120 target seating based on current layc
Lounge Chair	1		20	20	25	500	25	500	
	TOTAL			120		3,000		3,000	
Workstation									
Ganged	1		0	0	25	0	25	0	All workstations are in Learning Commons
	TOTAL			0		0		0	
Group Rooms									
Group Study	4		10	40	150	1,500	150	1,500	
Group Study	8		4	32	250	1,000	250	1,000	
	TOTAL			72		2,500		2,500	
Learning Commons									
Tables Study Table (5'x2'6")	1		40	40	25	1,000	25	1,000	Target 410 seats (plus 250 workstations and 10 tutoring booths) in extended hours learning commons adjacent to service points at lobby 1
Study Table (4'x4')	4		30	120	100	3,000	100	3,000	
Rectangular Table (6'x4')	6		10	60	150	1,500	150	1,500	
Café style Round (30" dia)	2		16	32	30	480	30	480	
High top Hightop table 3 x 3	4		10	40	50	500	50	500	
Counter Table w/Stool	1		20	20	20	400	20	400	
Table between 2 Benches	4		10	40	50	500	50	500	
Carrel Furniture	1		12	12	25	300	25	300	
Lounge Chair	1		26	26	25	650	25	650	
Lounge Sofa	2		10	20	50	500	50	500	10 on entry floor with remainder distribut
Ottoman	1		20	20	16	320	16	320	
Workstation	1		250	250	25	6,250	25	6,250	
Tutoring booth	2		10	20	35	350	35	350	
	TOTAL			700		15,750		15,750	


MULLINS LIBRARY PROGRAM - LEARNING SPACE

	typology	# seats per typology	Reduced Program 6/17/2016		Reduced Program 6/17/2016		Updated Program 2/2/2018		Notes
			Adjusted number by type	Adjusted number seats	Adjusted area per type (sqft)	Adjusted subtotal area (sqft)	Adjusted area per type (sqft)	Adjusted subtotal area (sqft)	
Instruction/Training Rooms									
	tables and chairs	50	1	50	1,250	1,250	1,250	1,250	Assumed open for students use when not reserved; Screening Technology; Flex Furniture; Power in Floor; Charging Cabinets; Power Tables Assumed open for students use when not reserved; Screening Technology Assumed open for students use when not reserved Assumed open for students use when not reserved
	tables and chairs	50	1	50	1,250	1,250	1,250	1,250	
	tables and chairs	20	1	20	500	500	500	500	
	tables and chairs	20	1	20	500	500	500	500	
	TOTAL			140		3,500		3,500	
Public Support Spaces									
Events room		150	1	150	1,800	1,800	1,800	1,800	For 150 seated @ 12 sqft / person at 10 person banquet table. Flexible furnit layout (lecture style, banquet table.etc.) Sound system, lighting. Good acoustics for speaking and music. Vehicle access for deliver Included in net to gros Access for catering deliveri For collapsable tables and stackable cha Included in net to gros Location byfront door Lockable w/ lounge furniture, table and chairs. PUBLIC ACCI For 30 @ 25 sf ft / person. With credenza, A/V projection e For 16 @ 25 sf ft / person. With credenza, A/V projection etc.
	Foyer	0	1	0	0	0	0	0	
	Coat room	0	1	0	100	100	100	100	
	Catering staging	0	1	0	100	100	100	100	
	Furniture storage/ staging	0	1	0	200	200	200	200	
	Bathrooms	0	2	0	0	0	0	0	
	Art delivery / holding room	0	1	0	200	200	200	200	
				150		2,400		2,400	
	mothers room	0	1	0	100	100	100	100	
	Conference room	30	1	30	750	750	750	750	
	Meeting room	16	1	16	400	400	400	400	
				46		1,250		1,250	
	TOTAL			196		3,650		3,650	
Meeting Rooms			0	0	0	0	0	0	included in Staff Program. Not open to students
	TOTAL			0		0		0	
Performing Arts & Multi-Medi:									
	Tables (various)	4	2	8	100	200	100	400	For 1, but large enough for up to 3 patro For 1, but large enough for up to 3 patro
	Audio and Video Recording Lab	1					400	400	
	Audio (Medi recording station)	6	3	18	25	75	25	150	
	Video recording station	1	3	3	25	75	25	25	
	Media Capture Desk	1	2	2	25	50	25	25	
	Media Editing Desk	1	2	2	25	50	25	25	
	Workstation	1	15	15	25	375	25	25	
	TOTAL			48		825		1,050	
Special Collections Reading Room									Included in Special Collection Progr:
	Table - 4'x8'	1	0	0	0	0	0	0	
	TOTAL			0		0		0	
	GRAND TOTAL			3,037		70,380		70,605	Adjusted Average 23.3 SQFT / Seat (Previous Average 28.7 SQFT/Seat)


* Target seat count based on anticipated growth student body at the University from today to an anticipated maximum of 30,000 based on 10% of this number
 Note: For Instruction Rooms, Events Space, Seminar Rooms see Staff Spaces Program. These programs will not ordinarily be available for student use.
 Note: It was agreed that there would be no Maker Space, no Café included in the program
 Note: Provide a GraduateStudy Space that combines Graduste Carrles and a mix of open work study furnture types. Size and location to be determined.

MULLINS LIBRARY PROGRAM – LEARNING SPACE

INSTRUCTION/TRAINING ROOMS: 3,500 NSF



(2) TABLES & CHAIRS (50 CHAIRS)
@ 1,250 NSF
TOTAL: 2,500 NSF




(2) TABLES & CHAIRS (20 CHAIRS)
@ 500 NSF
TOTAL: 1,000 NSF

CARREL: 1,875 NSF




(75) SEMI-ENCLOSED CARREL
@ 25 NSF
TOTAL: 1,875 NSF

QUIET READING ROOM: 3,000 NSF




(100) WALTON READING ROOM
@ 25 NSF
TOTAL: 2,500 NSF




(20) CHAIR @ 25 NSF
TOTAL: 500 NSF

GROUP ROOMS: 2,500 NSF

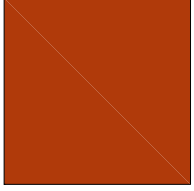


(10) GROUP STUDY (4PPL) @ 150 NSF
TOTAL: 1,500 NSF

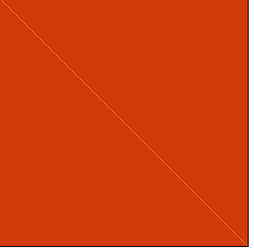


(4) GROUP STUDY (8PPL) @ 250 NSF
TOTAL: 1,000 NSF

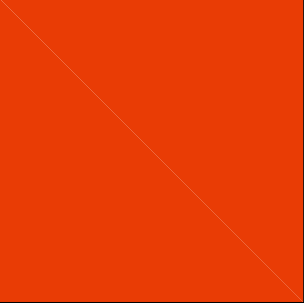
OPEN STUDY: 39,280 NSF




(180) STUDY TABLE (5*26") @ 25 NSF
TOTAL: 4,500 NSF




(80) STUDY TABLE (4*4") @ 100 NSF
TOTAL: 8,000 NSF




(80) RECTANGULAR TABLE (6*4") @ 150 NSF
TOTAL: 12,000 NSF



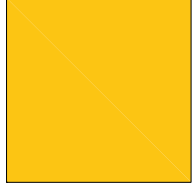
(40) ROUND TABLE (30"DIA) @ 30 NSF
TOTAL: 1,200 NSF




(20) HIGHTOP TABLE @ 50 NSF
TOTAL: 1,000 NSF




(40) TABLE W/STOOL @ 20 NSF
TOTAL: 800 NSF




(80) SOFA @ 55 NSF
TOTAL: 4,400 NSF



(30) OTTOMAN @ 16 NSF
TOTAL: 480 NSF




(4) SEMICIRCULAR BENCH @ 100 NSF
TOTAL: 400 NSF




(20) TABLE W/2 BENCHES @ 50 NSF
TOTAL: 1,000 NSF


LEARNING COMMONS: 15,750 NSF




(40) STUDY TABLE (5*26") @ 25 NSF
TOTAL: 1,000 NSF



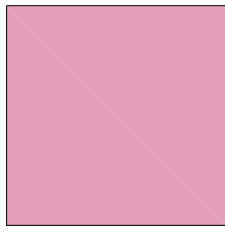
(10) RECTANGULAR TABLE (6*4") @ 150 NSF
TOTAL: 1,500 NSF




(20) TABLE W/STOOL @ 20 NSF
TOTAL: 400 NSF




(26) LOUNGE CHAIR @ 25 NSF
TOTAL: 650 NSF




(250) WORKSTATION @ 25 NSF
TOTAL: 6,250 NSF




(30) STUDY TABLE (4*4") @ 100 NSF
TOTAL: 3,000 NSF




(16) ROUND TABLE (30"DIA) @ 30 NSF
TOTAL: 480 NSF




(10) TABLE W/2 BENCHES @ 50 NSF
TOTAL: 500 NSF




(10) LOUNGE SOFA @ 50 NSF
TOTAL: 500 NSF




(12) CARREL FURNITURE @ 25 NSF
TOTAL: 300 NSF



(10) HIGHTOP TABLE @ 50 NSF
TOTAL: 500 NSF




(20) OTTOMAN @ 16 NSF
TOTAL: 320 NSF




(10) TUTORING BOOTH @ 35 NSF
TOTAL: 350 NSF


PERFORMING ARTS & MULTI-MEDIA: 1,050 NSF




TABLES
TOTAL: 400 NSF




AUDIO AND VIDEO RECORDING LAB
TOTAL: 400 NSF




AUDIO RECORDING STATION
TOTAL: 150 NSF




VIDEO RECORDING STATION
TOTAL: 25 NSF



MEDIA CAPTURE DESK
TOTAL: 25 NSF

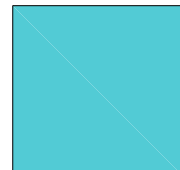


MEDIA EDITING DESK
TOTAL: 25 NSF



WORKSTATION
TOTAL: 25 NSF

PUBLIC SUPPORT SPACES: 3,650 NSF



TOTAL: 3,650 NSF

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MULLINS LIBRARY PROGRAM – SPEICAL COLLECTIONS

University of Arkansas - Mullins Library
 Archives and Special Collections Program
 Perry Dean Rogers Partners Architects
 2/2/2018

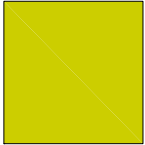
Department	Area Type	# Of Units	Reduced Program 6/17/2016		Updated Program 2/2/2018		Name	Notes
			Suggested Area/Unit	Suggested Unit Total	Suggested Area/Unit	Suggested Unit Total		
Public Support Spaces								
	lobby	1	200	200	200	200		Security
	reception	1	100	100	100	100		For waiting scholars, up to 4
	lockers/ coats	1	100	100	100	100		
	event space	1	0	0	0	0		Combined with classroom
	catering kitchen	1	100	100	100	100		External access and access to events space
	furniture storage/ staging	1	0	0	0	0		
	Special Collections classroom	1	750	750	1,000	1,000		For 30 (@40 sf ft/ person) with flexible tables & seating. To function as event space
	furniture storage/ staging	1	200	200	200	200		directly off events space
				1,450		1,700		
Research Reading Room								
	Reading Room	1	2,000	2,000	2,000	2,000		Seats for 20-25 at tables, including 2 large tables for architectural drawings, etc. Oversight from adjoining office or reception. Perimeter display cases
	audio-visual viewing station	2	100	200	100	200		Glass-enclosed silent room- dual purpose: research consultation space
	staff service desk	1	160	160	160	160		(3) stations with oversight of reading room
	holding area	1	200	200	200	200		shelving for held materials
	copier/ scanner	1	200	200	0	0		
				2,760		2,560		
Administration Suite								
	Department Head office	1	180	180	180	180		Assistant Head, Amy Allen, Joshua Youngblood, Janet Parsch, Goffery Stark, Misha Gardner, Deena Owens, Cat Wallack, Katrina Windon.
	office	9	135	1,080	135	1,215		
	workstations	2	100	200	100	200		same size and location as existing including supplies storage
	vault	1	80	80	80	80		
	copier/ scanner room	1	0	0	100	100		
	staff meeting room	1	500	500	500	500		For 20 @ 25 sq ft/ person
	kitchen	1	100	100	100	100		Including sink, coffee maker, microwave and fridge
				2,140		2,375		
Special Collections Processing								
	Processing Room	1	1,200	1,200	3,000	3,000		(5) standard work stations and (2) larger workstations, several processing tables
	Processing Room	0	1,200	1,200	0	0		(6' x 4'), shelving, book truck space, AV lab for reformatting
	Accessioning Room	0	1,200	1,200	0	0		(5) standard work stations and (2) larger workstations, several processing tables
								(6' x 4'), shelving, book truck space, (similar to rm 123)
								(5) standard work stations and (2) larger workstations, several processing tables
								(6' x 4'), shelving, book truck space, small quarantine room
				3,600		3,000		
Architectural Collections								
	Architectural Collections	1	1,400	1,400	1,400	1,400		to be moved to collections spreadsheet
				1,400		1,400		
				11,350		11,035		

MULLINS LIBRARY PROGRAM - SPECIAL COLLECTIONS


PUBLIC SUPPORT SPACES:
1,700 NSF





RESEARCH READING ROOM: 2,560 NSF












ADMINISTRATION SUITE:
2,375 NSF




(1) HEAD OFFICE @ 180 NSF




(2) WORKSTATION @ 100 NSF
TOTAL: 200 NSF




(9) OFFICE @ 135 NSF
TOTAL: 1,215 NSF




(1) STAFF MEETING ROOM @ 500 NSF



(1) KITCHEN @ 100 NSF




(1) COPIER @ 100 NSF




(1) VAULT @ 80 NSF

SPECIAL COLLECTIONS PROCESSING: 3000 NSF



ARCHITECTURAL COLLECTIONS: 1,400 NSF



FLOOR PLAN | LEVEL 1 - PHASE 01



Department Legend

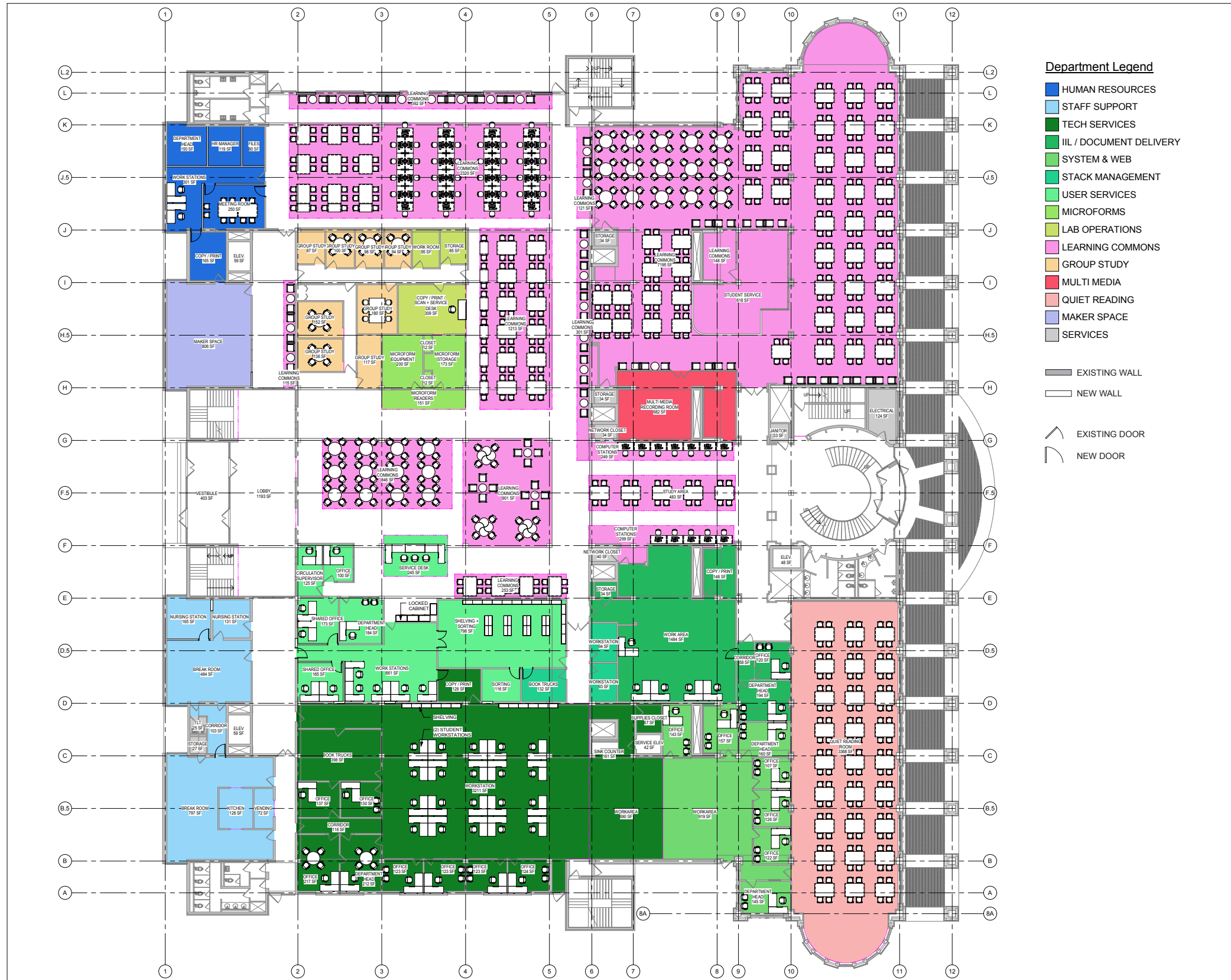
- SHIPPING / RECEIVING
- BINDERY / PRESERVATION
- SYSTEM & WEB
- CUSTODIAL
- DIGITAL SERVICES
- SPECIAL COLLECTIONS
- TRAINING
- OPEN STUDY
- VIEWING
- SERVICES

- EXISTING WALL
- NEW WALL
- EXISTING DOOR
- NEW DOOR

GENERAL NOTES

NO.	DATE	DESCRIPTION
PERRY DEAN ROGERS PARTNERS ARCHITECTS		
177 Milk Street Boston, MA 02109		617 423 0100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"		PROJECT NUMBER: 1067.00
PROJECT: MULLINS LIBRARY Renovation		
TITLE: Programming Study		
DATE: FLOOR PLAN - LEVEL 1		
DATE: 06/18/18	SECTION: A1	DRAWING NUMBER:

FLOOR PLAN | LEVEL 2 - PHASE 01



GENERAL NOTES

Department Legend

- HUMAN RESOURCES
- STAFF SUPPORT
- TECH SERVICES
- ILL / DOCUMENT DELIVERY
- SYSTEM & WEB
- STACK MANAGEMENT
- USER SERVICES
- MICROFORMS
- LAB OPERATIONS
- LEARNING COMMONS
- GROUP STUDY
- MULTI MEDIA
- QUIET READING
- MAKER SPACE
- SERVICES

— EXISTING WALL

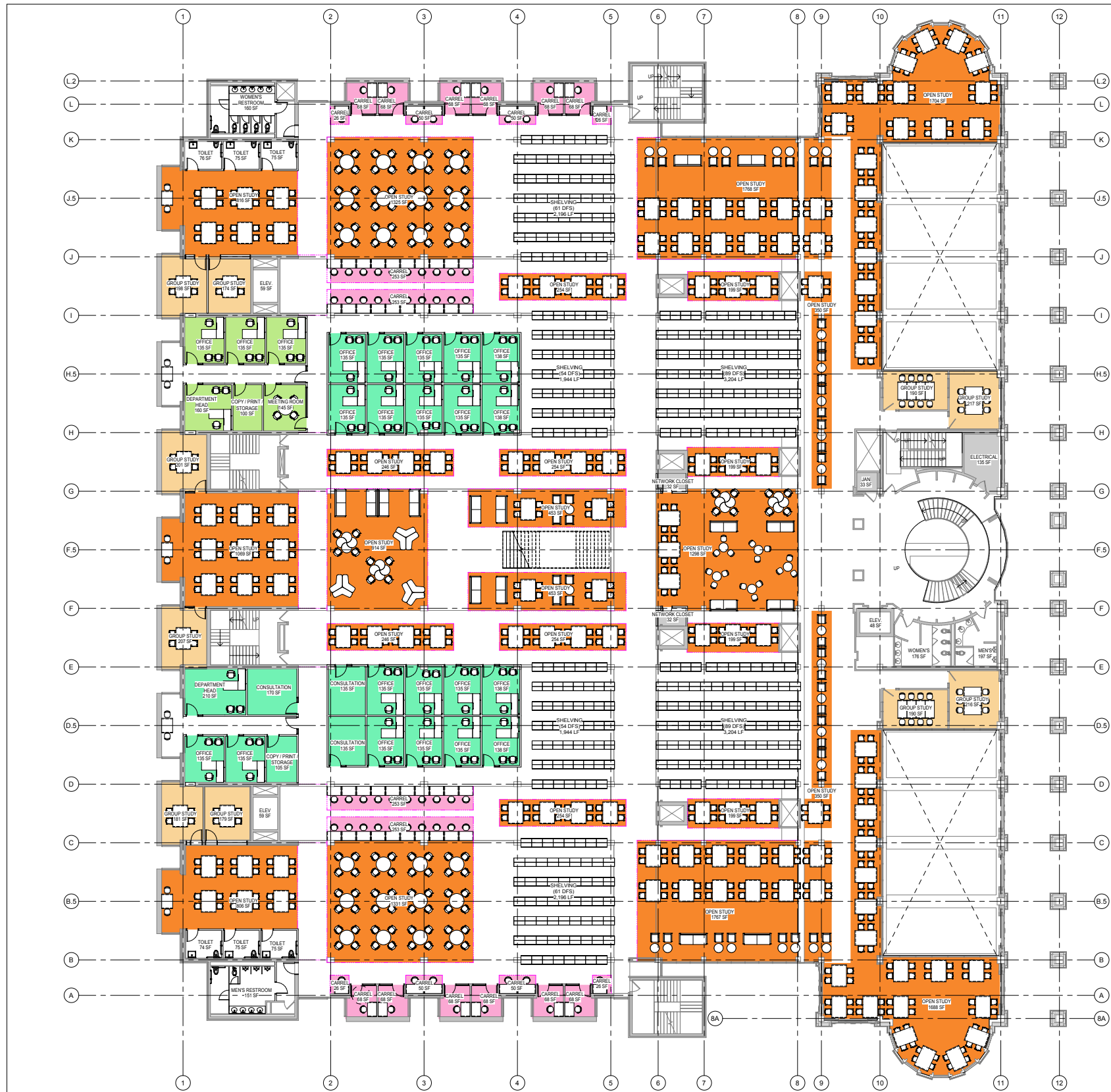
— NEW WALL

— EXISTING DOOR

— NEW DOOR

NO.	DATE	DESCRIPTION
PERY DEAN ROGERS PARTNERS ARCHITECTS		
177 Milk Street Boston, MA 02109		617 423 9100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"		PROJECT NUMBER: 1067.00
PROJECT: MULLINS LIBRARY Renovation		
TITLE: Programming Study		
FLOOR PLAN - LEVEL 2		
DATE: 06/18/18	SECTION: A2	DRAWING NUMBER:

FLOOR PLAN | LEVEL 3 - PHASE 01



Department Legend

- INSTRUCTION & LIASON
- SCHOLARLY COMMUNICATION
- OPEN STUDY
- GROUP STUDY
- CARREL
- SERVICES

SHELVING ON LEVEL 3

TOTAL DOUBLE FACED SECTION: 408
TOTAL LINEAR FEET: 14,688

SHELVING ALL LEVELS

TOTAL DOUBLE FACED SECTION: 792
TOTAL LINEAR FEET: 28,512

- EXISTING WALL
- NEW WALL
- EXISTING DOOR
- NEW DOOR

GENERAL NOTES

NO.	DATE	DESCRIPTION
PERRY DEAN ROGERS PARTNERS ARCHITECTS		
177 Milk Street Boston, MA 02109		617 423 0100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"	PROJECT NUMBER: 1067.00	
PROJECT MULLINS LIBRARY Renovation		
TITLE Programming Study		
SECTION FLOOR PLAN - LEVEL 3		
DATE: 06/18/18	SECTION: A4	DRAWING NUMBER:

FLOOR PLAN | LEVEL 4 - PHASE 01



Department Legend

- ADMIN SUITE
- BUSINESS & FACILITIES
- PUBLIC RELATIONS
- GRAD / FACULTY READING
- OPEN STUDY
- GROUP STUDY
- CARREL
- MEETING ROOM
- SERVICES

SHELVING ON LEVEL 4

TOTAL DOUBLE FACED SECTION: 384
TOTAL LINEAR FEET: 13,824

SHELVING ALL LEVELS

TOTAL DOUBLE FACED SECTION: 792
TOTAL LINEAR FEET: 28,512

— EXISTING WALL

— NEW WALL

— EXISTING DOOR

— NEW DOOR

GENERAL NOTES

NO.	DATE	DESCRIPTION
PERY DEAN ROGERS PARTNERS ARCHITECTS		
177 Milk Street Boston, MA 02109		617 423 0100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"	PROJECT NUMBER: 1067.00	
PROJECT: MULLINS LIBRARY Renovation Programming Study		
TITLE: FLOOR PLAN - LEVEL 4		
DATE: 06/18/18	SECTION: A5	DRAWING NUMBER:

RESOLVED OPTION - SEAT COUNT

University of Arkansas - Mullins Library

Seat Counts

Perry Dean Rogers Partners Architects

6/18/2018

	Level 1		Level 2		Level 3		Level 4		Total		Difference between proposed and existing	2/2/2018 Target	Difference between proposed and target
	Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed			
Carrel	39		39		25	64	28	52	131	116	-15	75	41
Open Study	159	304	included in L.C.		363	728	408	936	930	1,968	1,038	1,686	282
Quiet Reading			120	120					120	120	0	120	0
Group Study	11			34	56	52	16	104	83	190	107	72	118
Leaning Commons			365	594					365	594	229	700	-106
Training	89	98			19		14		122	98	-24	140	-42
Grad/Faculty Reading								39	0	39	39	0	39
Events Room									0	0	0	150	-150
Maker Space				32					0	32	32	0	32
Lounge Chair	8		included in L.C.		22		50		80	0	-80	0	0
Computer Station	1		included in L.C.		7		7		15	0	-15	0	0
PAM	71								71	0	-71	0	0
Viewing Room	50	50							50	50	0	0	50
Total Per Level	428	452	524	780	492	844	523	1,131	1,967	3,207	1,240	2,943	264

Notes:

- Existing seat count data is from programming study dated 2016-04-01
- Viewing room (Room #104) seat count is taken from University of Arkansas library website
- Seat count in Special Collections are not included in this data sheet

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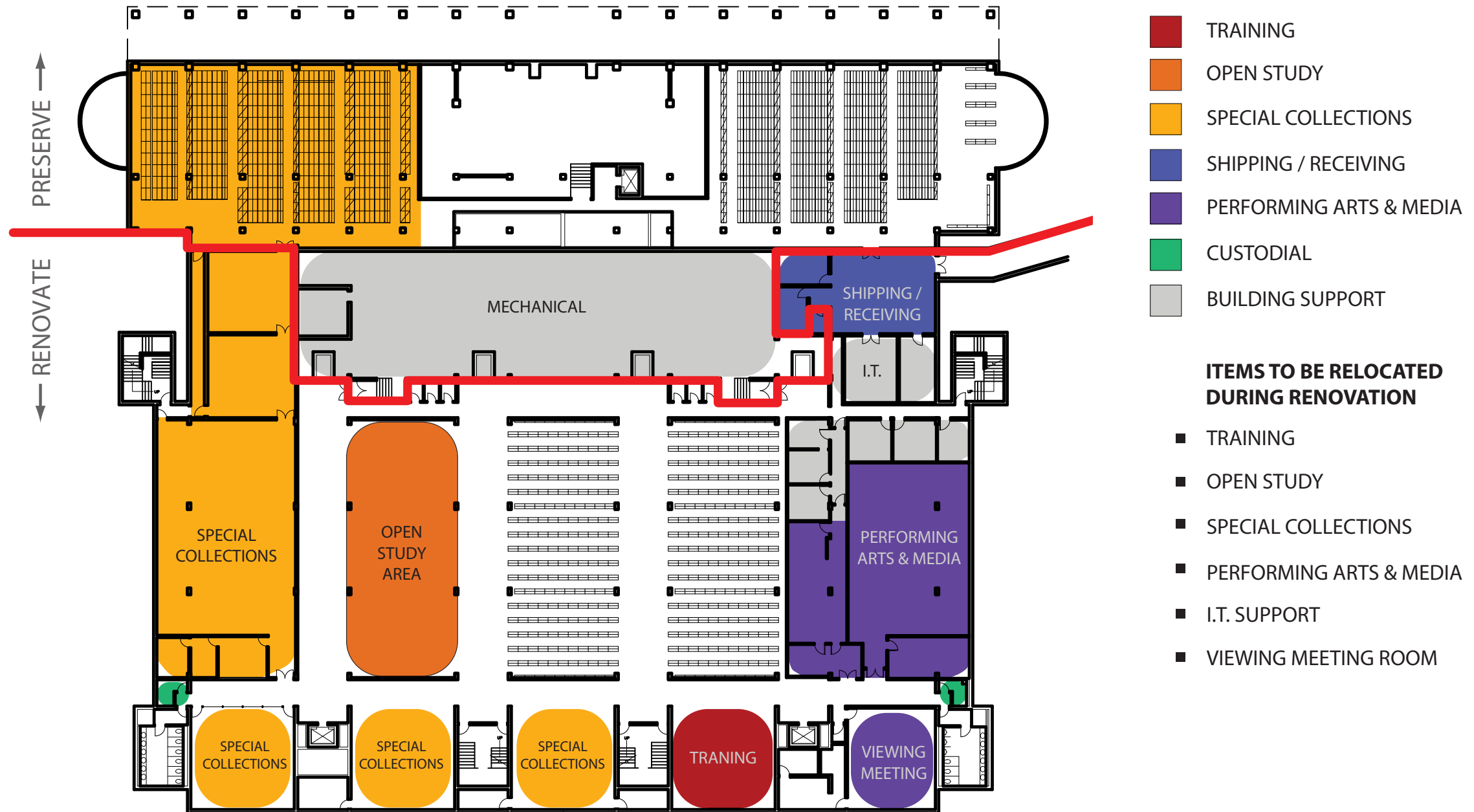
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APPENDIX

A.PROGRAMMING SESSION 02

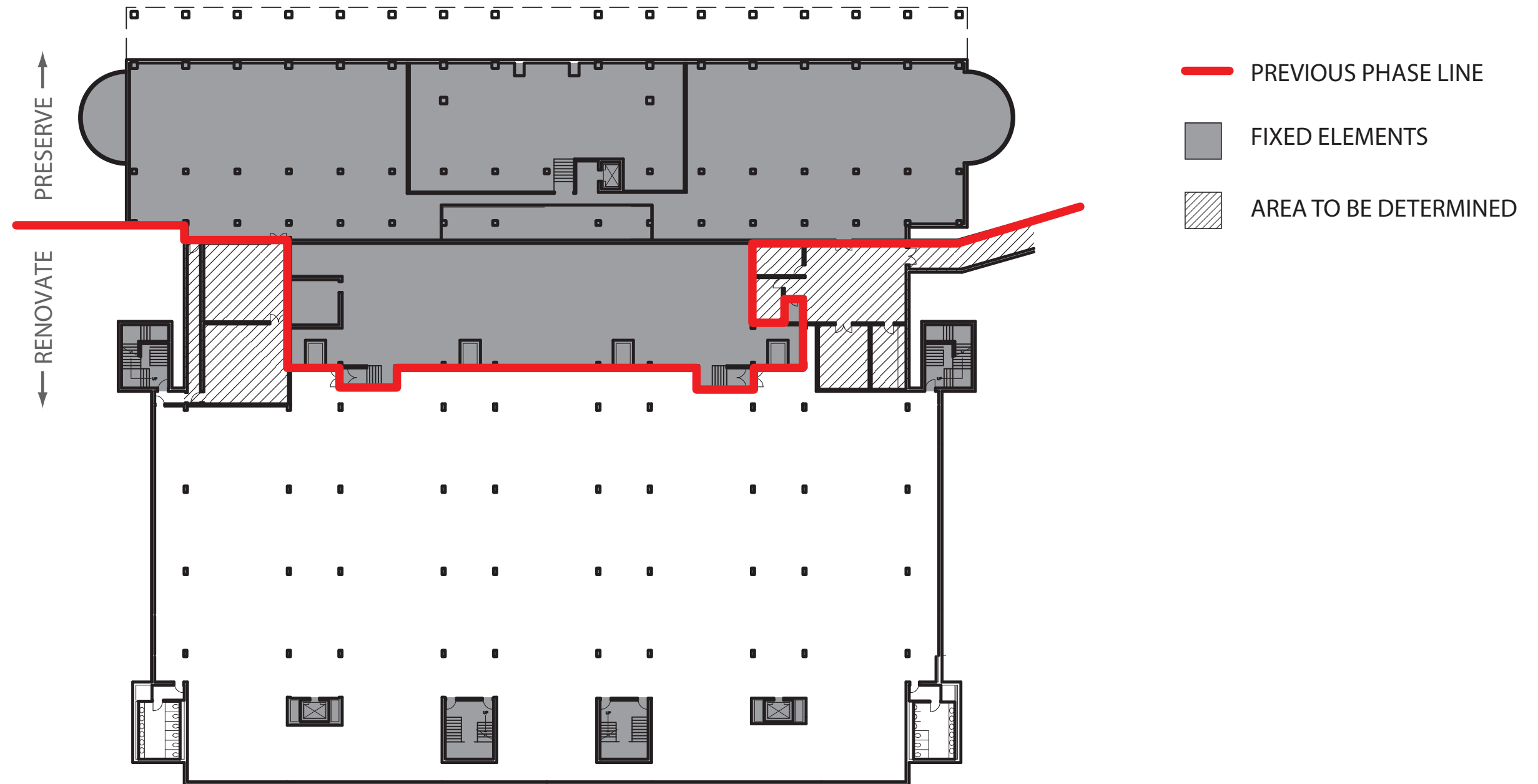
FLOOR PLAN | LEVEL 1 - EXISTING



FLOOR PLAN | LEVEL 1 - EXISTING - PHASE 01 - TEST FIT



FLOOR PLAN | LEVEL 1 - FUTURE PHASE



FLOOR PLAN | LEVEL 1 - FUTURE PHASE - RESOLVED OPTION DIAGRAM

- NEW WEST ENTRY - QUAD CONNECTION
- MODEST VERTICAL CONNECTION (STAIR) TO LEVEL 2



FLOOR PLAN | LEVEL 1 - FUTURE PHASE - RESOLVED OPTION



- SHIPPING / RECEIVING
- BINDERY / PRESERVATION
- SYSTEM EQUIPMENT RM
- CUSTODIAL
- S.C. PUBLIC SUPORT
- S.C. READING ROOM
- S.C. ADMIN SUITE
- S.C. PROCESSING
- MAKER SPACE
- MEDIA SUITE
- TRAINING
- SERVICE

SEAT COUNTS:

LOUNGE: 38

MAKER SPACE: 24

MEDIA SUITE: 15

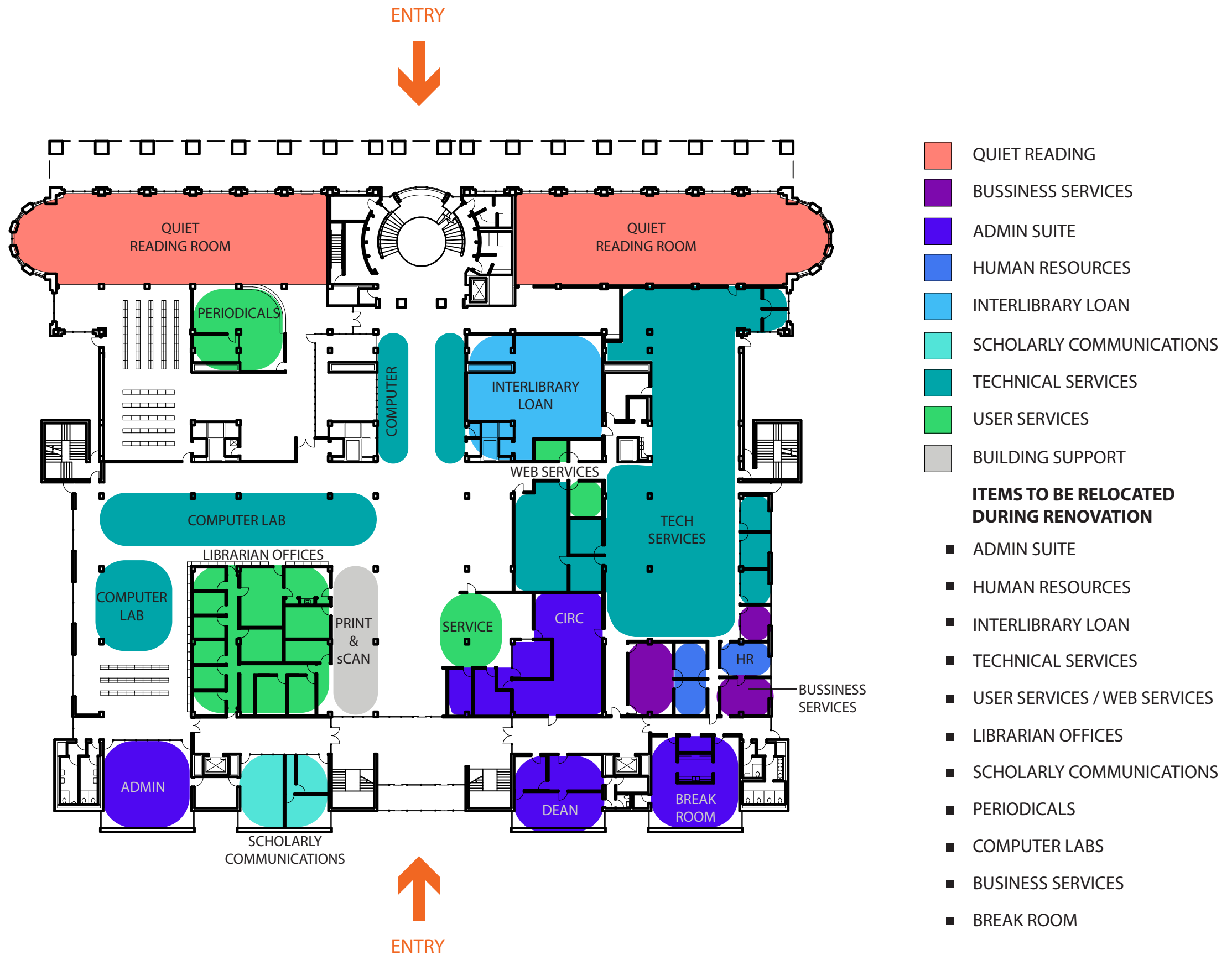
TRAINING: 72

TOTAL @LEVEL1: 149

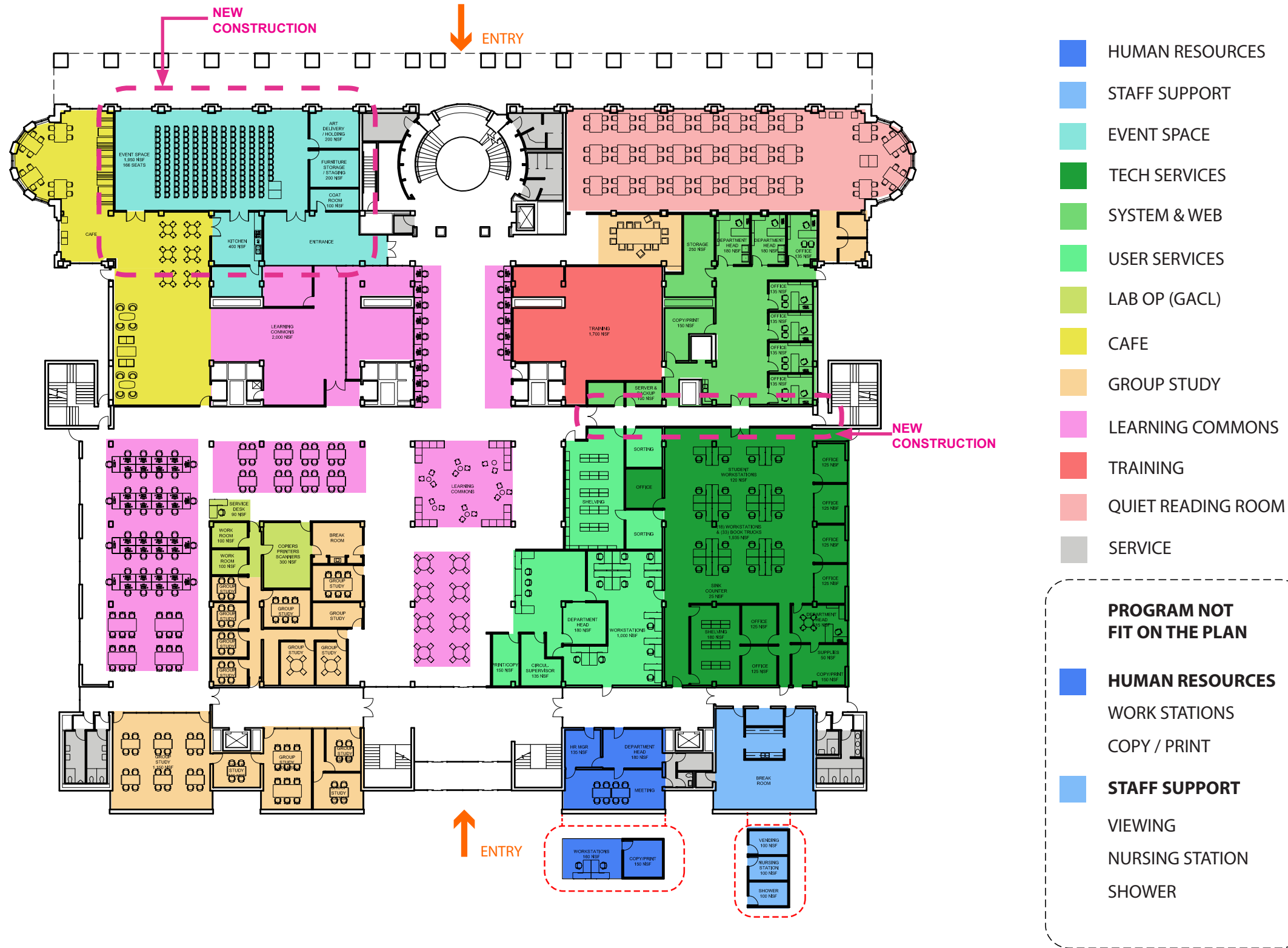
TOTAL ALL LEVELS: 2,001

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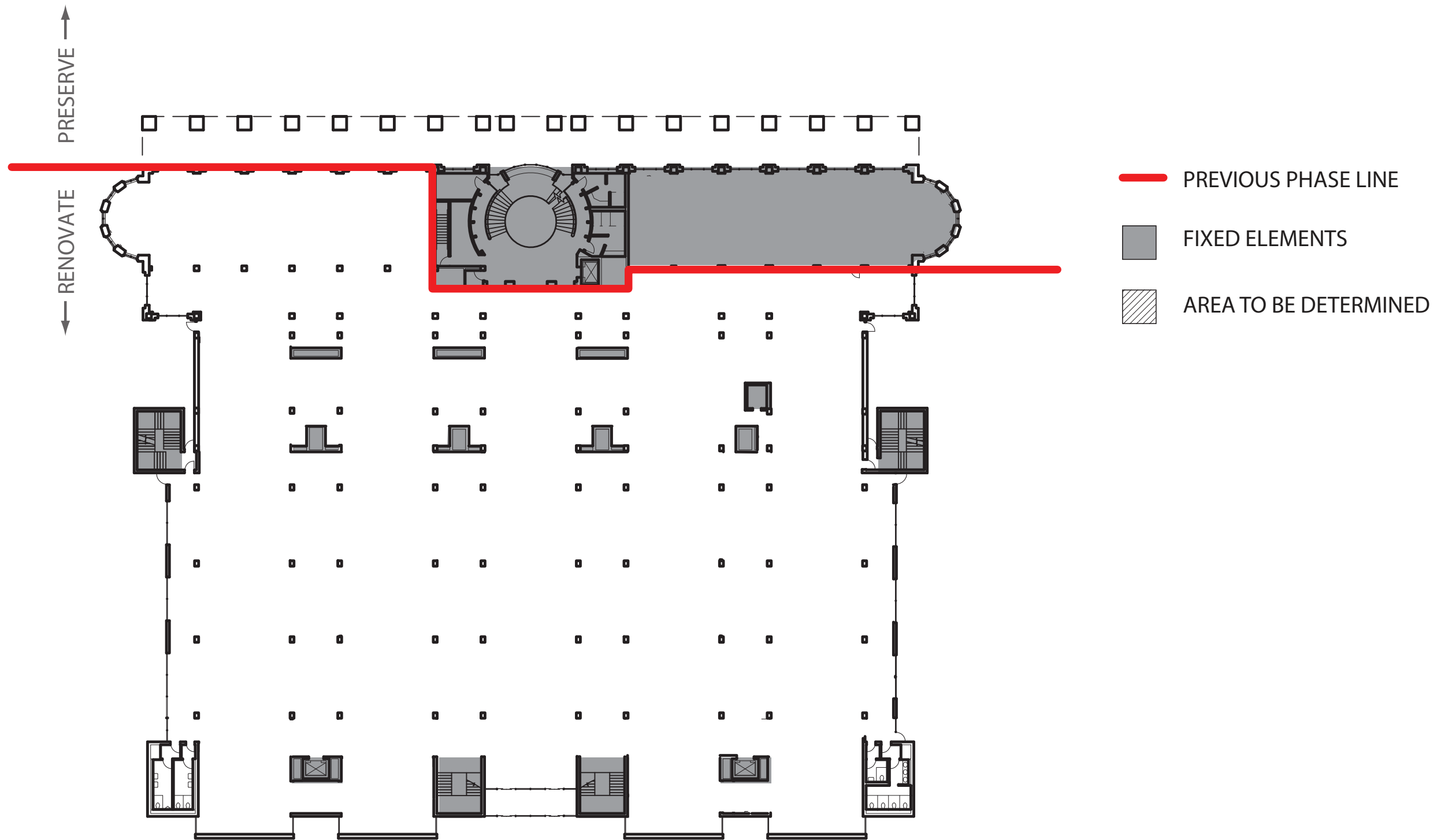
FLOOR PLAN | LEVEL 2 - EXISTING



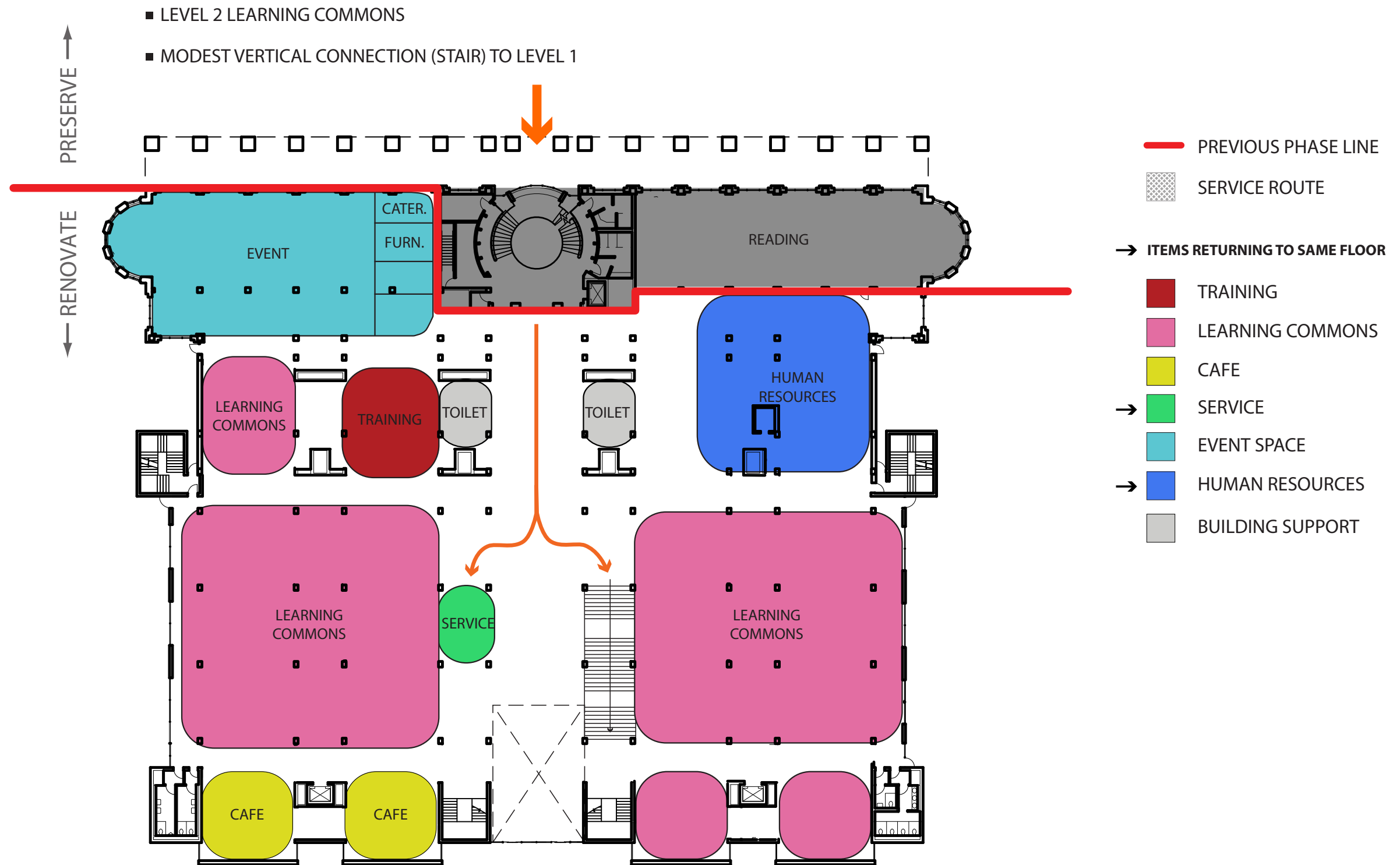
FLOOR PLAN | LEVEL 2 - EXISTING - PHASE 01 - TEST FIT



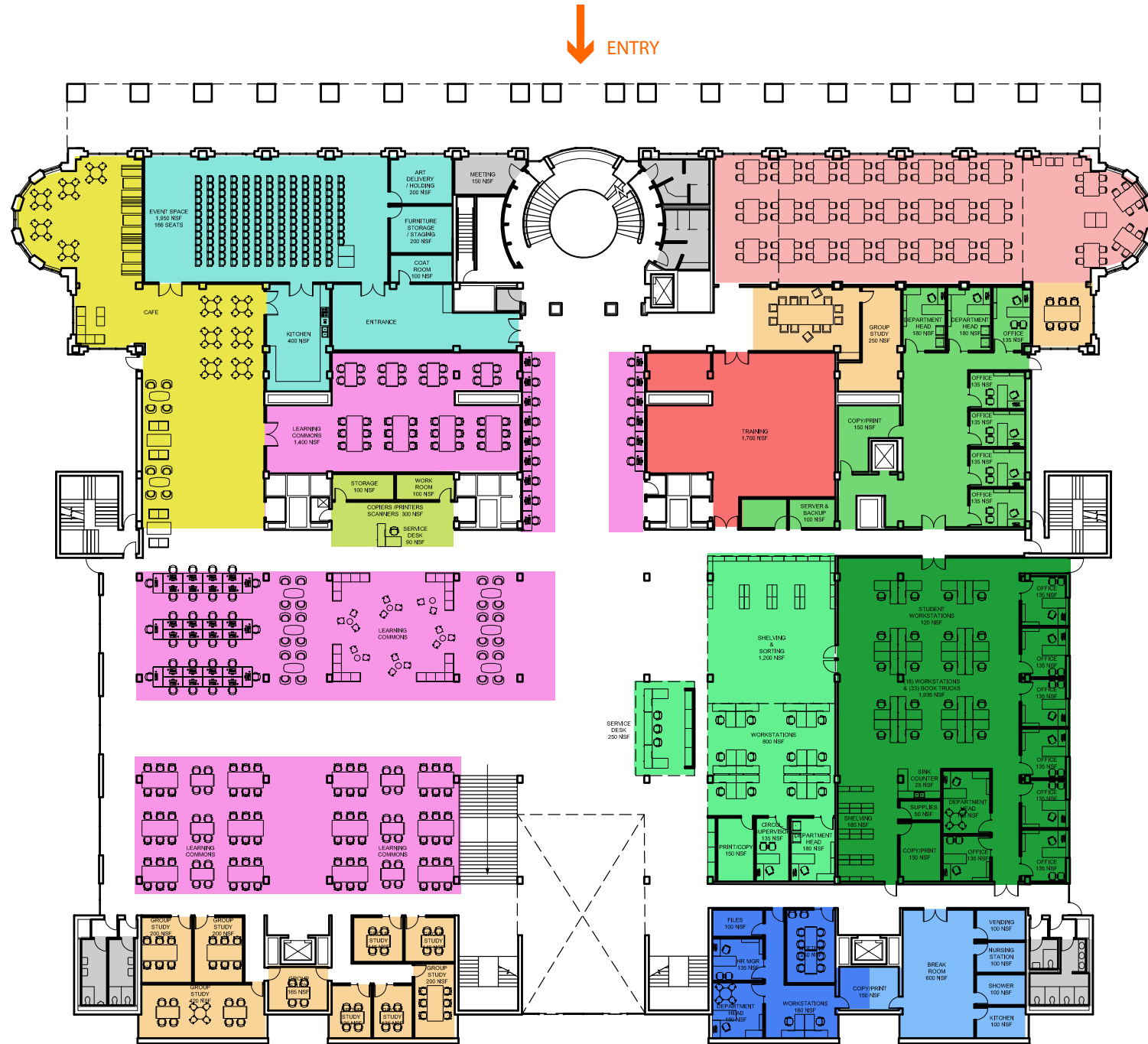
FLOOR PLAN | LEVEL 2 - FUTURE PHASE



FLOOR PLAN | LEVEL 2 - FUTURE PHASE - RESOLVED OPTION DIAGRAM



FLOOR PLAN | LEVEL 2 - FUTURE PHASE - RESOLVED OPTION



- HUMAN RESOURCES
- STAFF SUPPORT
- EVENT SPACE
- TECH SERVICES
- SYSTEM & WEB
- USER SERVICES
- LAB OP (GACL)
- CAFE
- GROUP STUDY
- LEARNING COMMONS
- TRAINING
- QUIET READING ROOM
- SERVICE

SEAT COUNTS:

LEARNING COMMONS: 255
 CAFE: 75
 GROUP STUDY: 70
 TRAINING: 40
 QUIET READING: 120
 EVENTS ROOM: 150

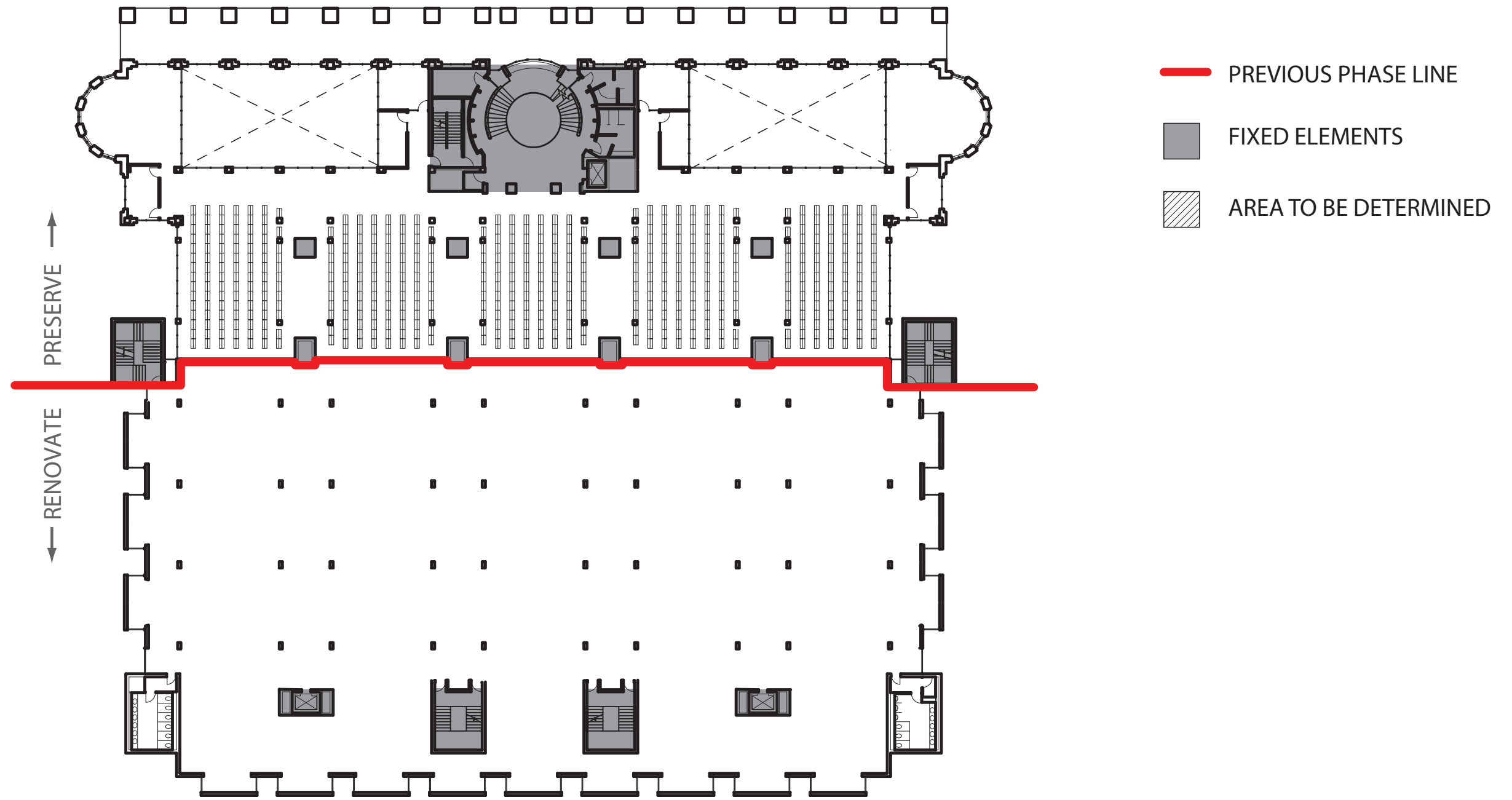
TOTAL @LEVEL2: 710

TOTAL ALL LEVELS: 2,001

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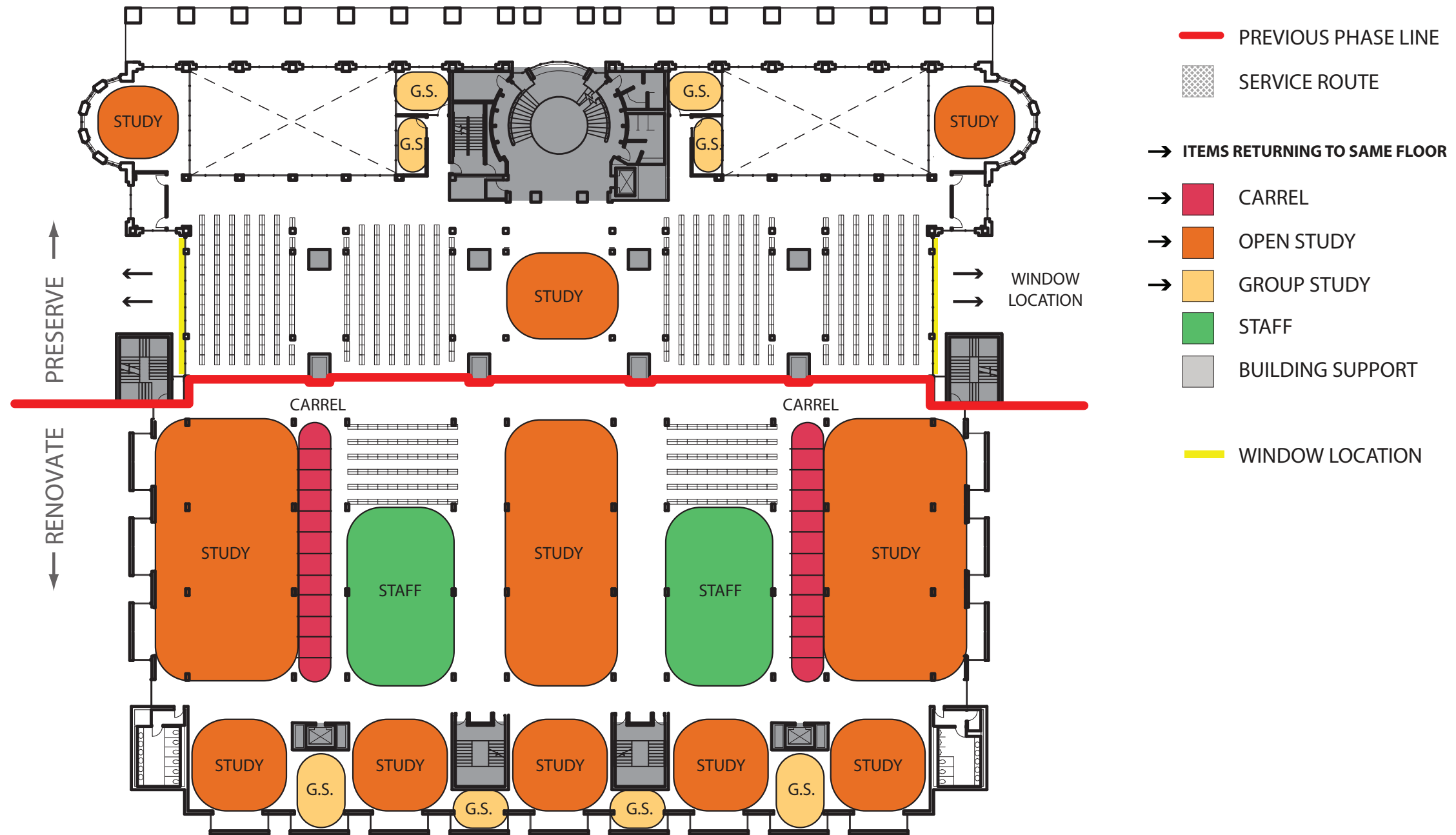
FLOOR PLAN | LEVEL 3 - EXISTING



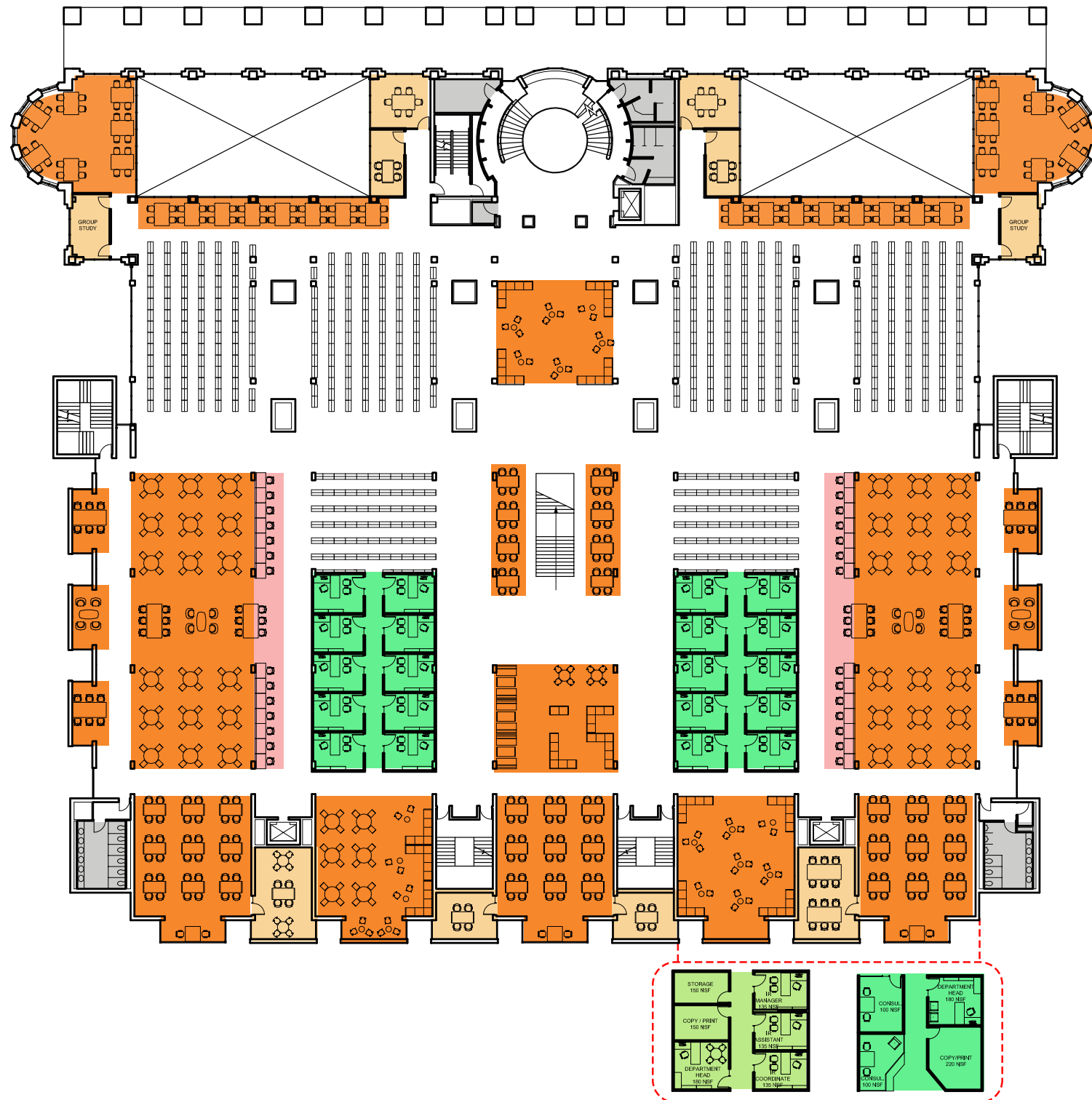


FLOOR PLAN | LEVEL 3 - PHASE 01 - OPTION 1 DIAGRAM

- CLOSEST TO TEST FIT FROM PREVIOUS STUDY
- RETAIN MOST OF THE EXISTING SHELVING STUDY SPACE
- DOES NOT TAKE ADVANTAGE OF WINDOW IN ADDITION



FLOOR PLAN | LEVEL 3 - PHASE 01 - OPTION 1



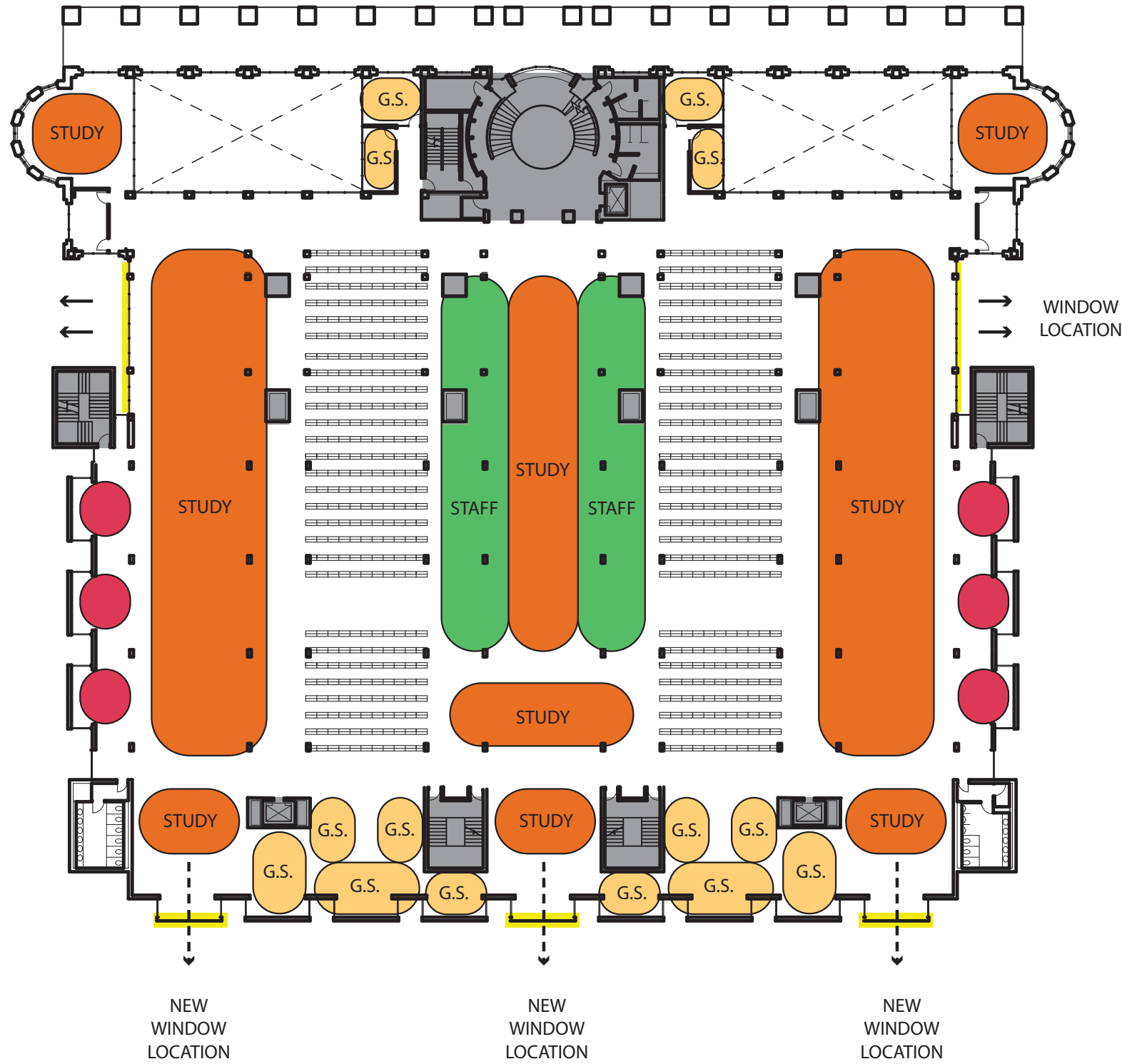
- INSTRUCTION & LIASON
- SCHOLARLY COMMU.
- OPEN STUDY
- GROUP STUDY
- CARREL
- SERVICE

PROGRAM NOT FIT ON THE PLAN

- INSTRUCTION & LIASON**
- DEPARTMENT HEAD
- CONSULTATION × 2
- COPY / PRINT
- SCHOLARLY COMMU.**
- DEPARTMENT HEAD
- OFFICE × 3
- COPY / PRINT
- STORAGE

FLOOR PLAN | LEVEL 3 - PHASE 01 - OPTION 2 DIAGRAM

- PRIORITIZES WINDOW FOR STUDY
- RE-ORIENTATED COLLECTIONS
- CENTRALED STAFF
- LIMITED STRATEGIC WINDOW ADDED TO WEST



- PREVIOUS PHASE LINE
- ▨ SERVICE ROUTE
- ITEMS RETURNING TO SAME FLOOR
- CARREL
- OPEN STUDY
- GROUP STUDY
- STAFF
- BUILDING SUPPORT
- WINDOW LOCATION

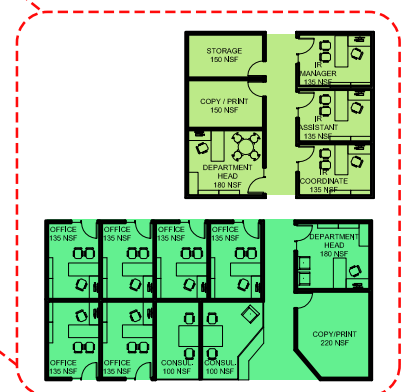
FLOOR PLAN | LEVEL 3 - PHASE 01 - OPTION 2



- INSTRUCTION & LIASON
- SCHOLARLY COMMU.
- OPEN STUDY
- GROUP STUDY
- CARREL
- SERVICE

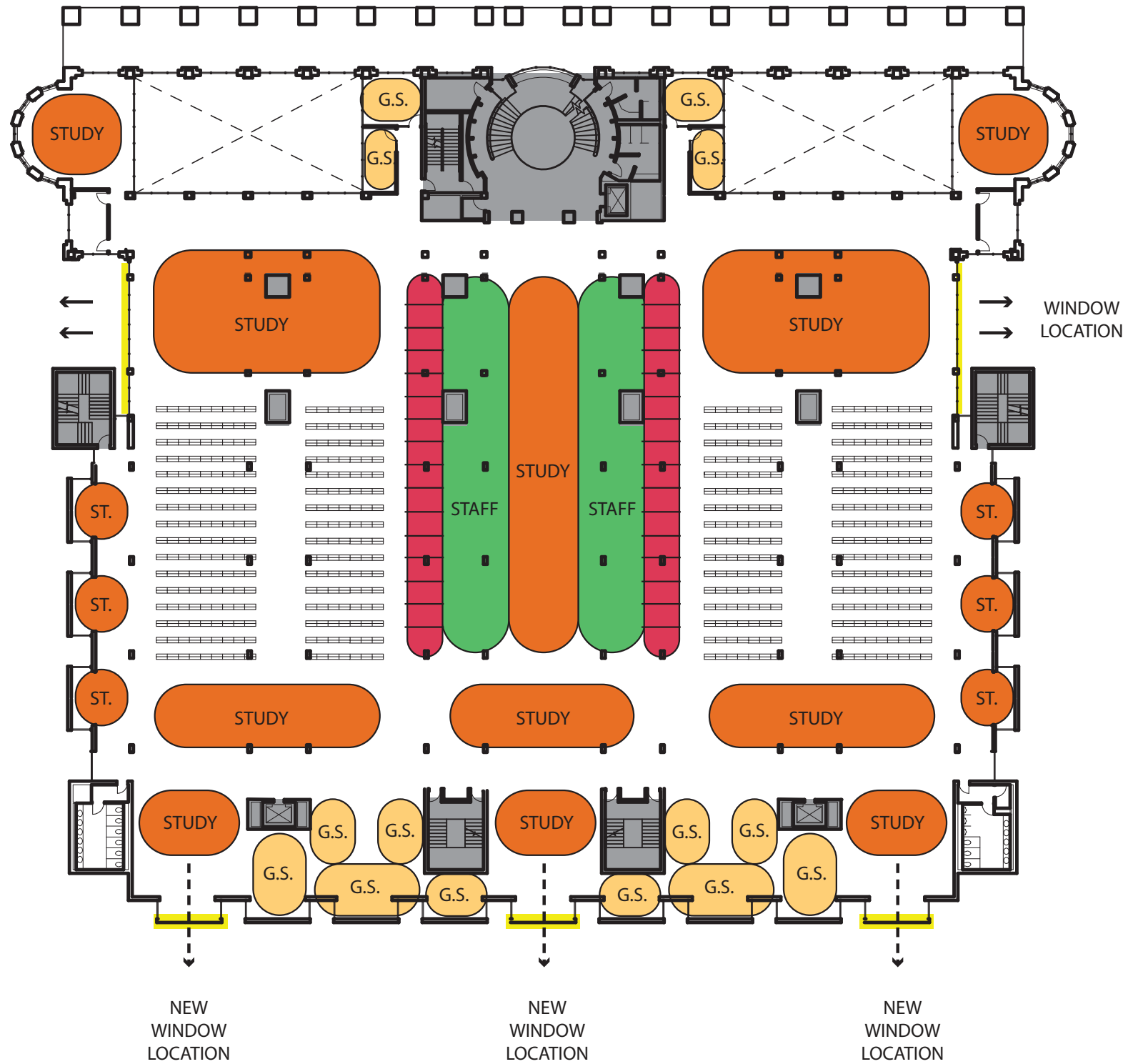
PROGRAM NOT FIT ON THE PLAN

- INSTRUCTION & LIASON**
- DEPARTMENT HEAD
- CONSULTATION x 2
- OFFICE x 6
- COPY / PRINT
- SCHOLARLY COMMU.**
- DEPARTMENT HEAD
- OFFICE x 3
- COPY / PRINT
- STORAGE



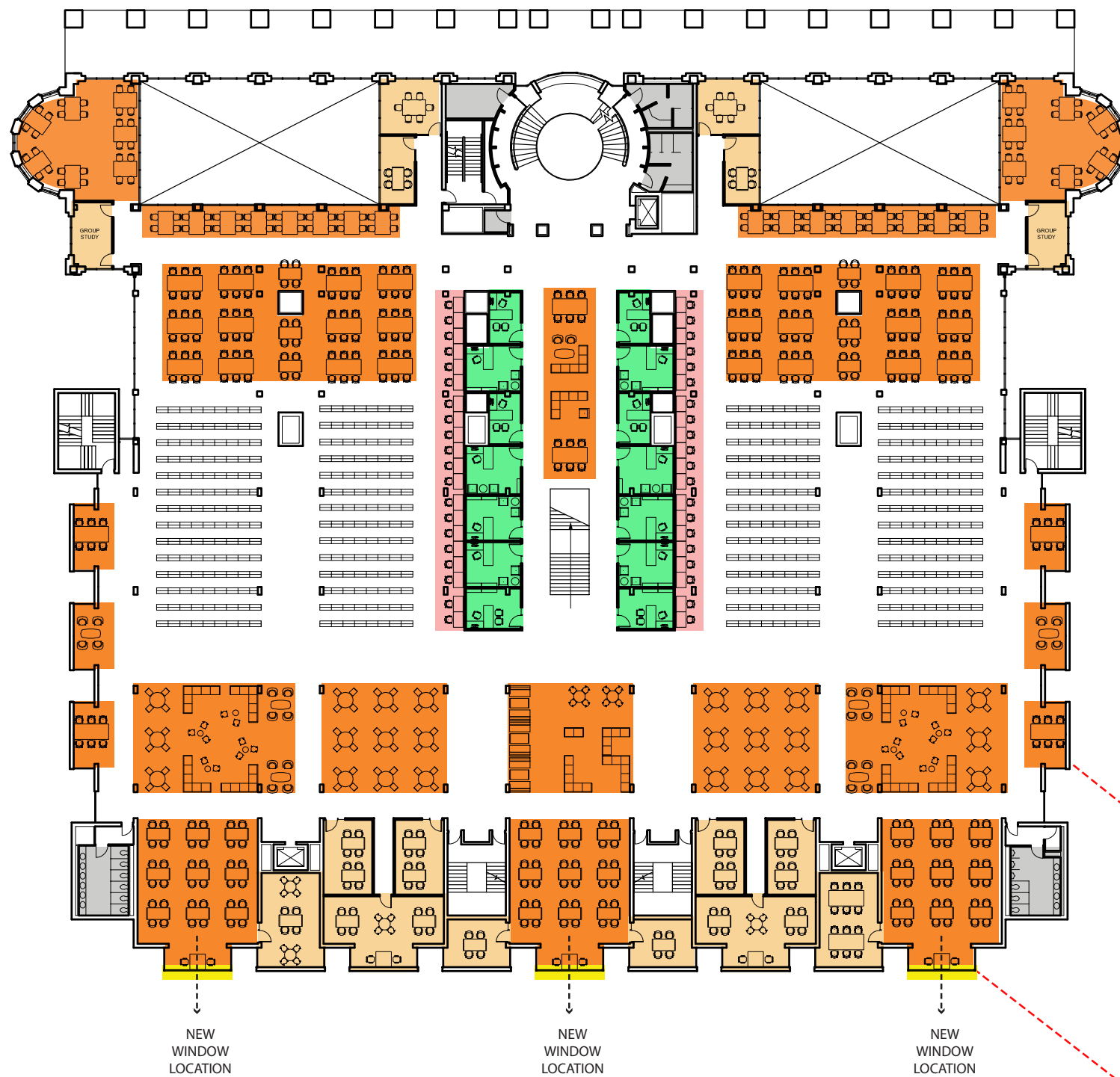
FLOOR PLAN | LEVEL 3 - PHASE 01 - OPTION 3 DIAGRAM

- PRIORITIZES WINDOW FOR STUDY
- RE-ORIENTATED COLLECTIONS
- CENTRALED STAFF
- LIMITED STRATEGIC WINDOW ADDED TO WEST



- PREVIOUS PHASE LINE
- ▨ SERVICE ROUTE
- ITEMS RETURNING TO SAME FLOOR
- CARREL
- OPEN STUDY
- GROUP STUDY
- STAFF
- BUILDING SUPPORT
- WINDOW LOCATION

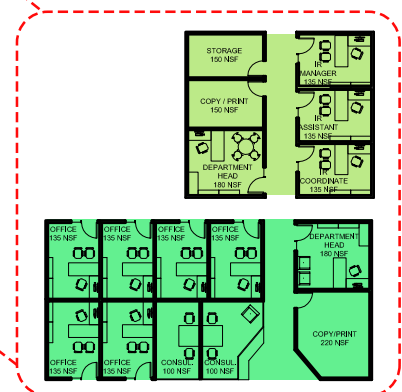
FLOOR PLAN | LEVEL 3 - PHASE 01 - OPTION 3



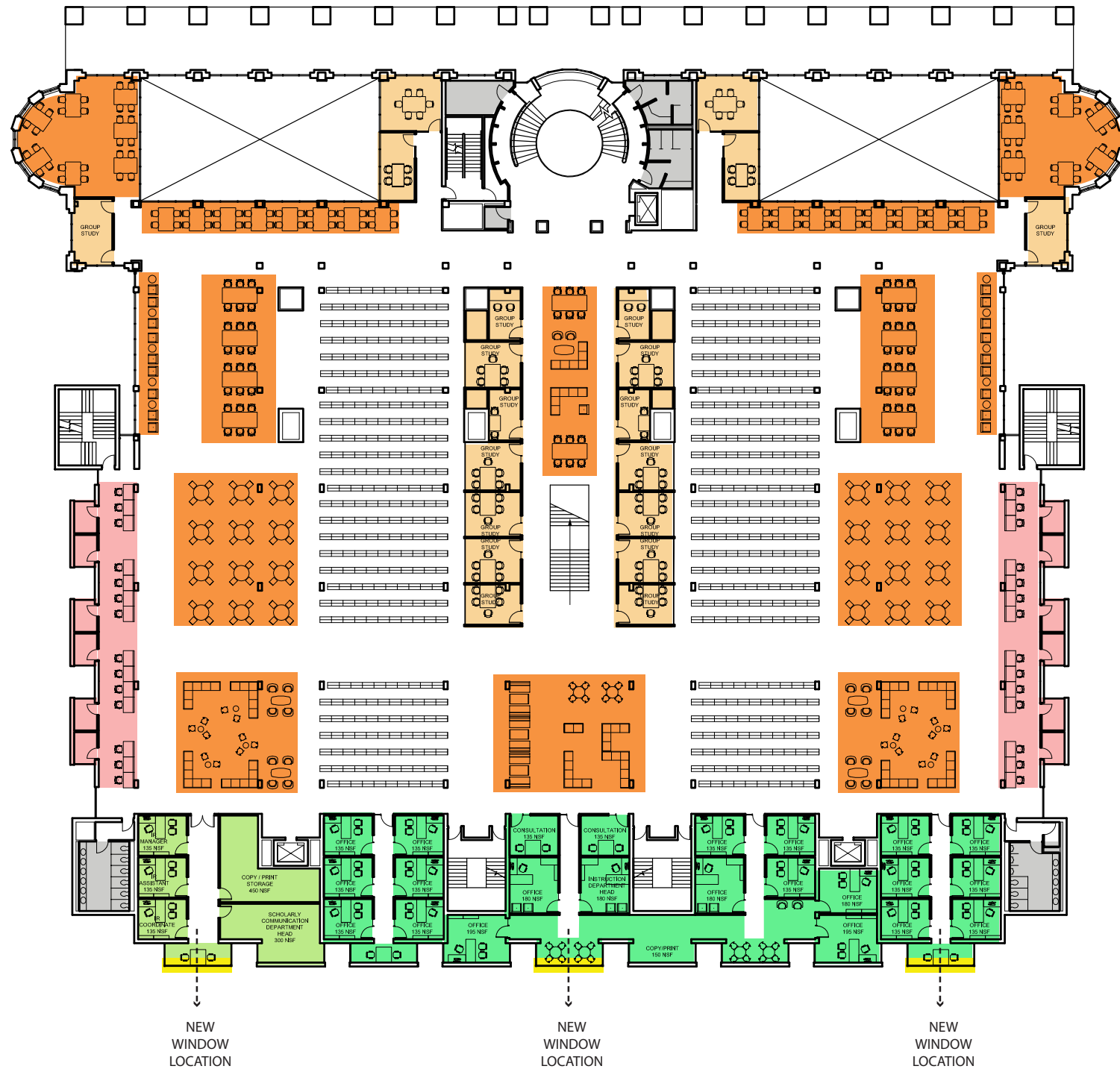
- INSTRUCTION & LIASON
- SCHOLARLY COMMU.
- OPEN STUDY
- GROUP STUDY
- CARREL
- SERVICE

PROGRAM NOT FIT ON THE PLAN

- **INSTRUCTION & LIASON**
- DEPARTMENT HEAD
- CONSULTATION × 2
- OFFICE × 6
- COPY / PRINT
- **SCHOLARLY COMMU.**
- DEPARTMENT HEAD
- OFFICE × 3
- COPY / PRINT
- STORAGE



FLOOR PLAN | LEVEL 3 - PHASE 01 - RESOLVED OPTION



- INSTRUCTION & LIASON
- SCHOLARLY COMMU.
- OPEN STUDY
- GROUP STUDY
- CARREL
- SERVICE

SEAT COUNTS:

OPEN STUDY: 416

GROUP STUDY: 90

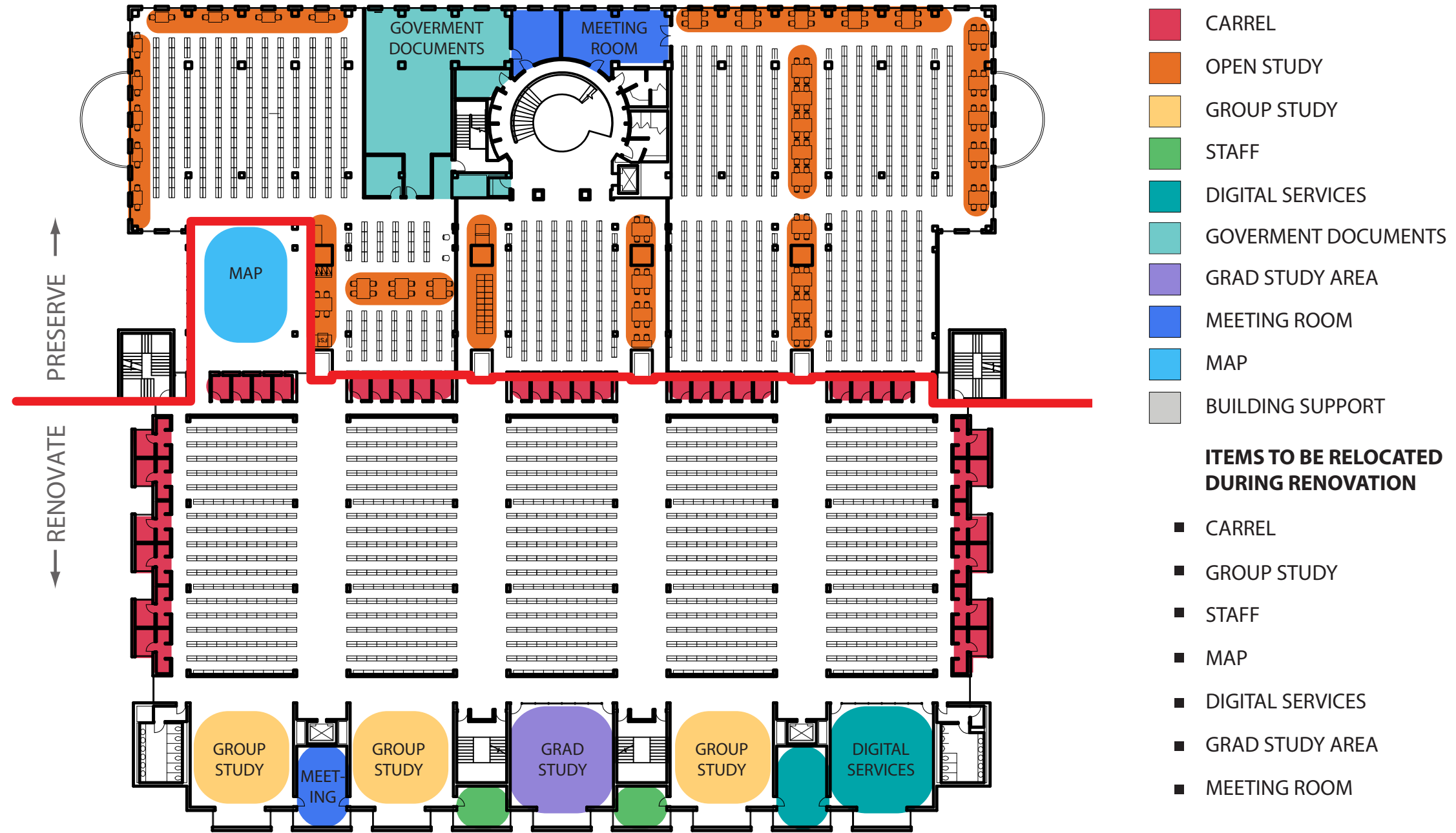
CARREL: 40

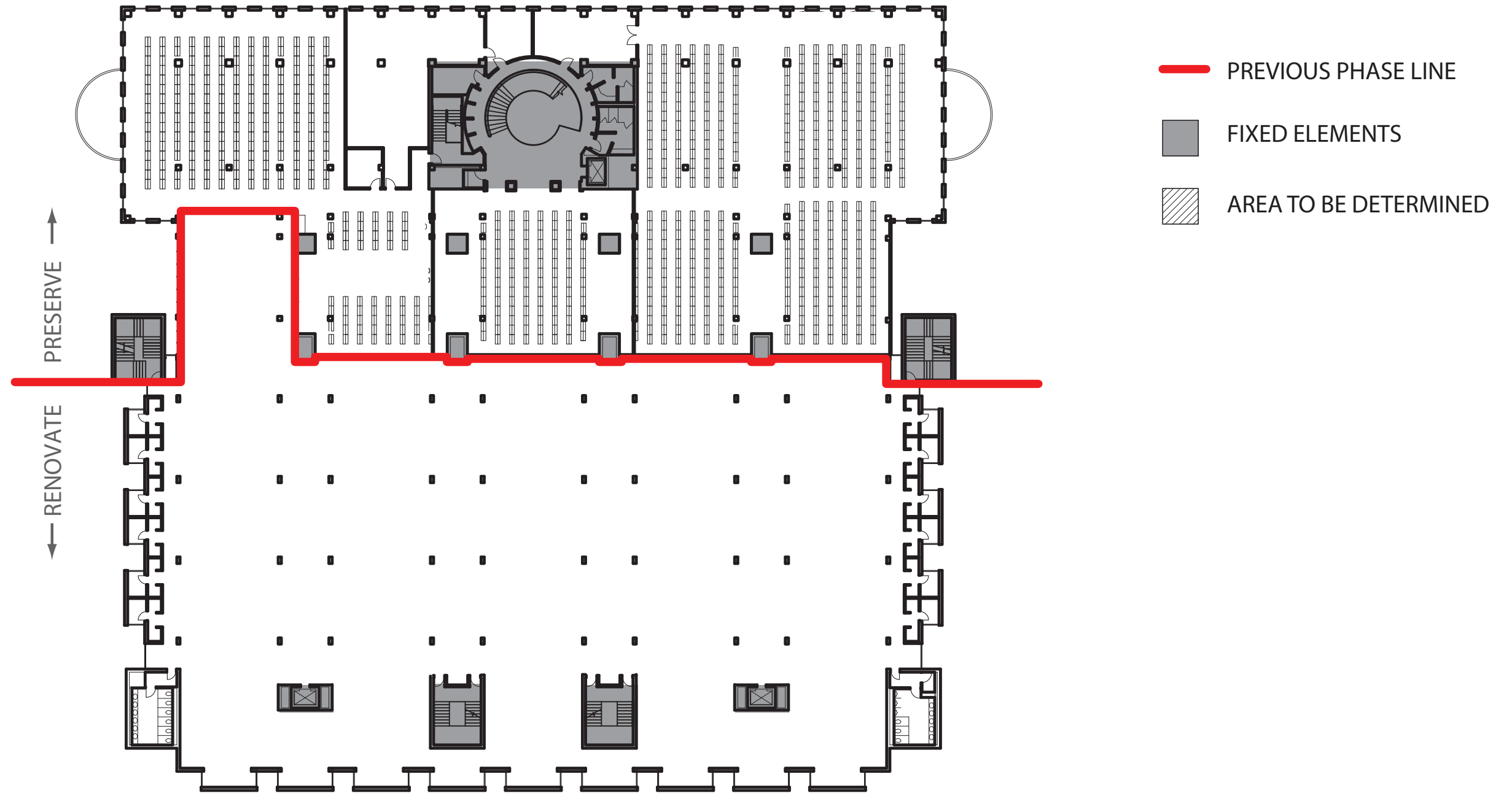
TOTAL @LEVEL3: 546

TOTAL ALL LEVELS: 2,001

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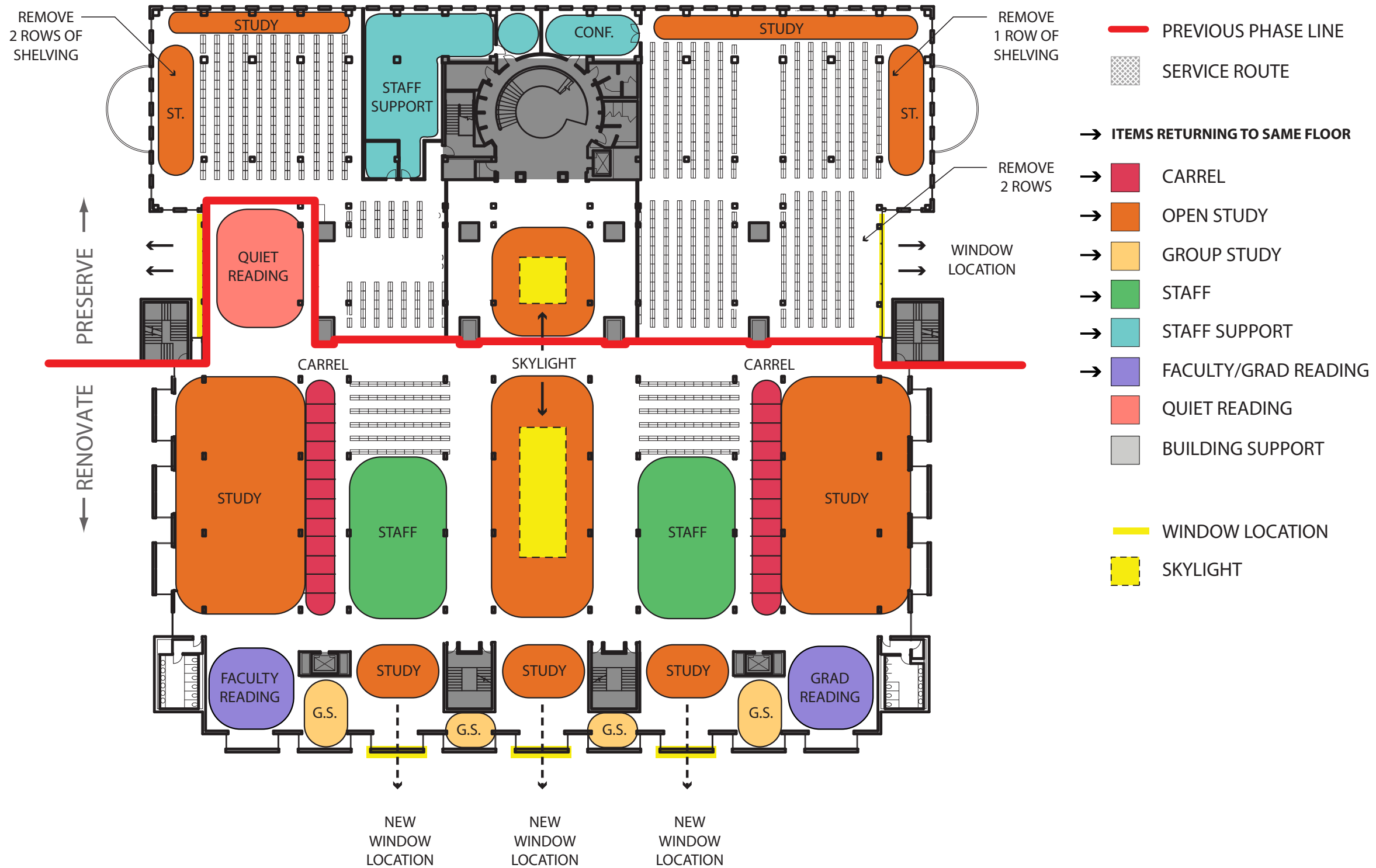
FLOOR PLAN | LEVEL 4 - EXISTING



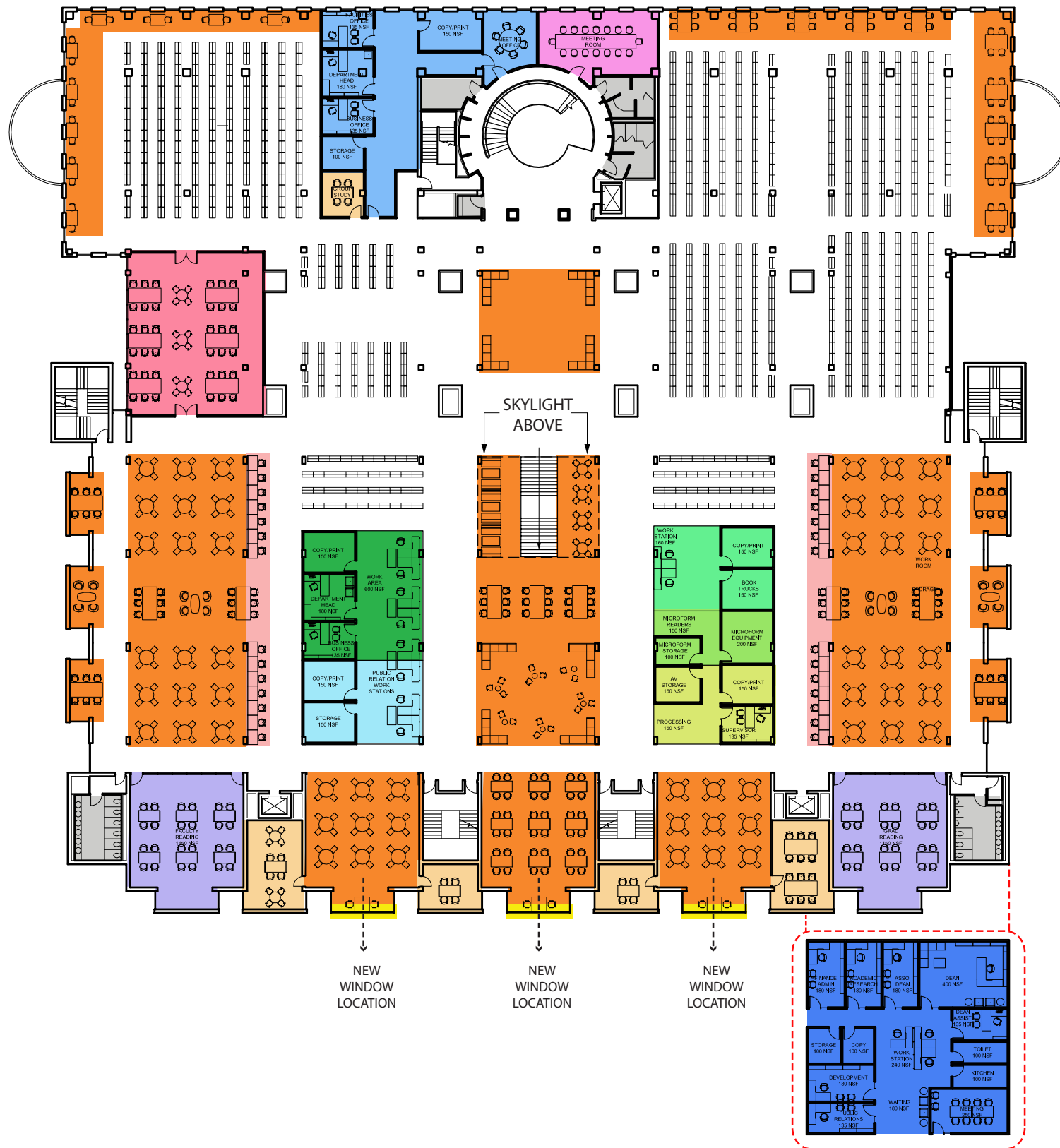


FLOOR PLAN | LEVEL 4 - PHASE 01 - OPTION 1 DIAGRAM

- MINIMUM ADJUSTMENT TO EXISTING SHELVING
- ADD SKYLIGHTS TO STUDY AREA
- REUSE EXISTING STAFF SPACES IN ADDITION
- LIMITED STRATEGIC WINDOW ADDED TO WEST
- SEPARATE FACULTY & GRADUATE READING ROOM



FLOOR PLAN | LEVEL 4 - PHASE 01 - OPTION 1



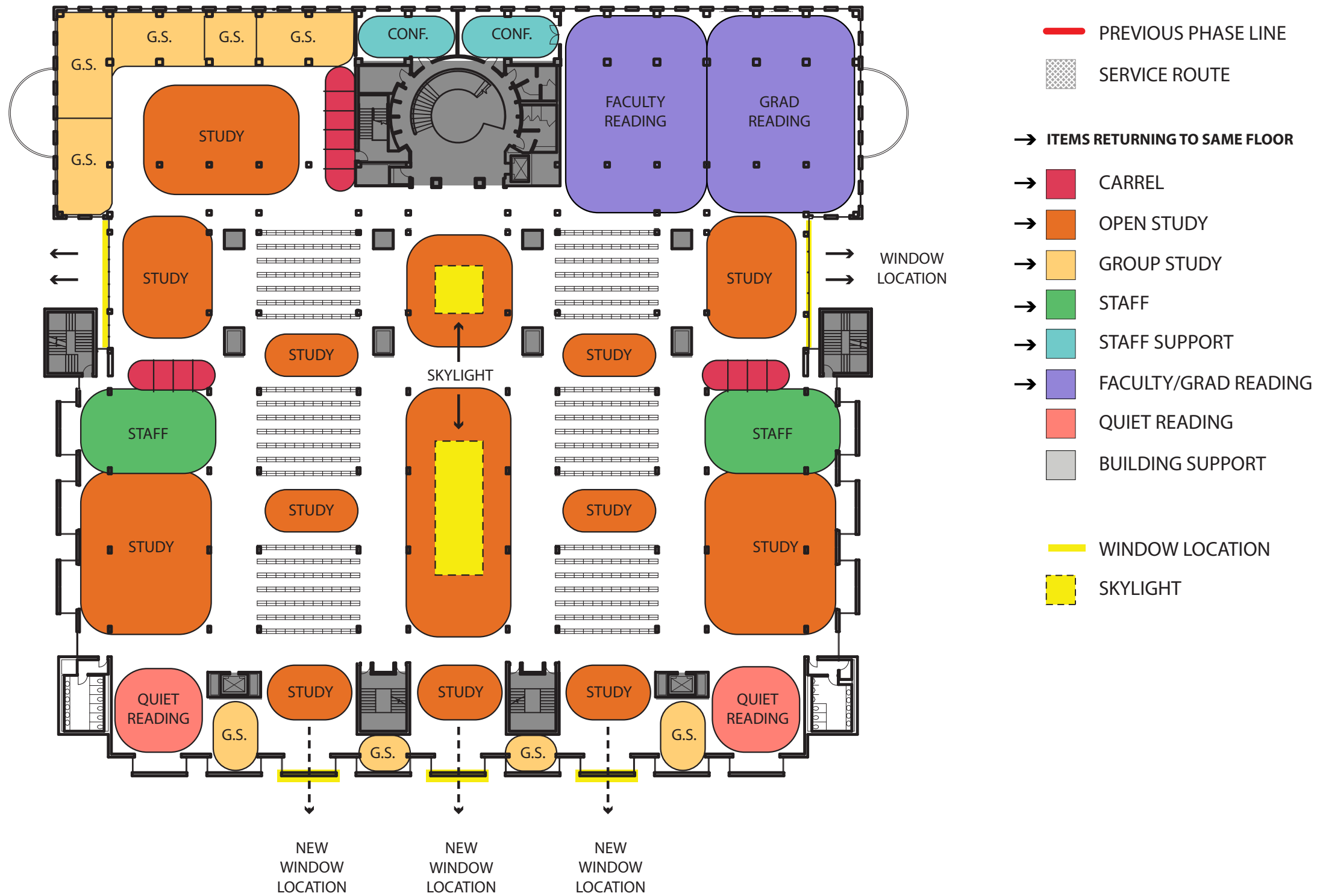
- ADMIN SUITE
- BUSINESS & FACILITIES
- PUBLIC RELATIONS
- IIL/DOCUMENT DELIVERY
- STACK MANAGEMENT
- MICROFORMS
- PAM STAFF
- OPEN STUDY
- GROUP STUDY
- QUIET READING
- CARREL
- GRAD/FACULTY READING
- MEETING ROOM
- SERVICE

PROGRAM NOT FIT ON THE PLAN

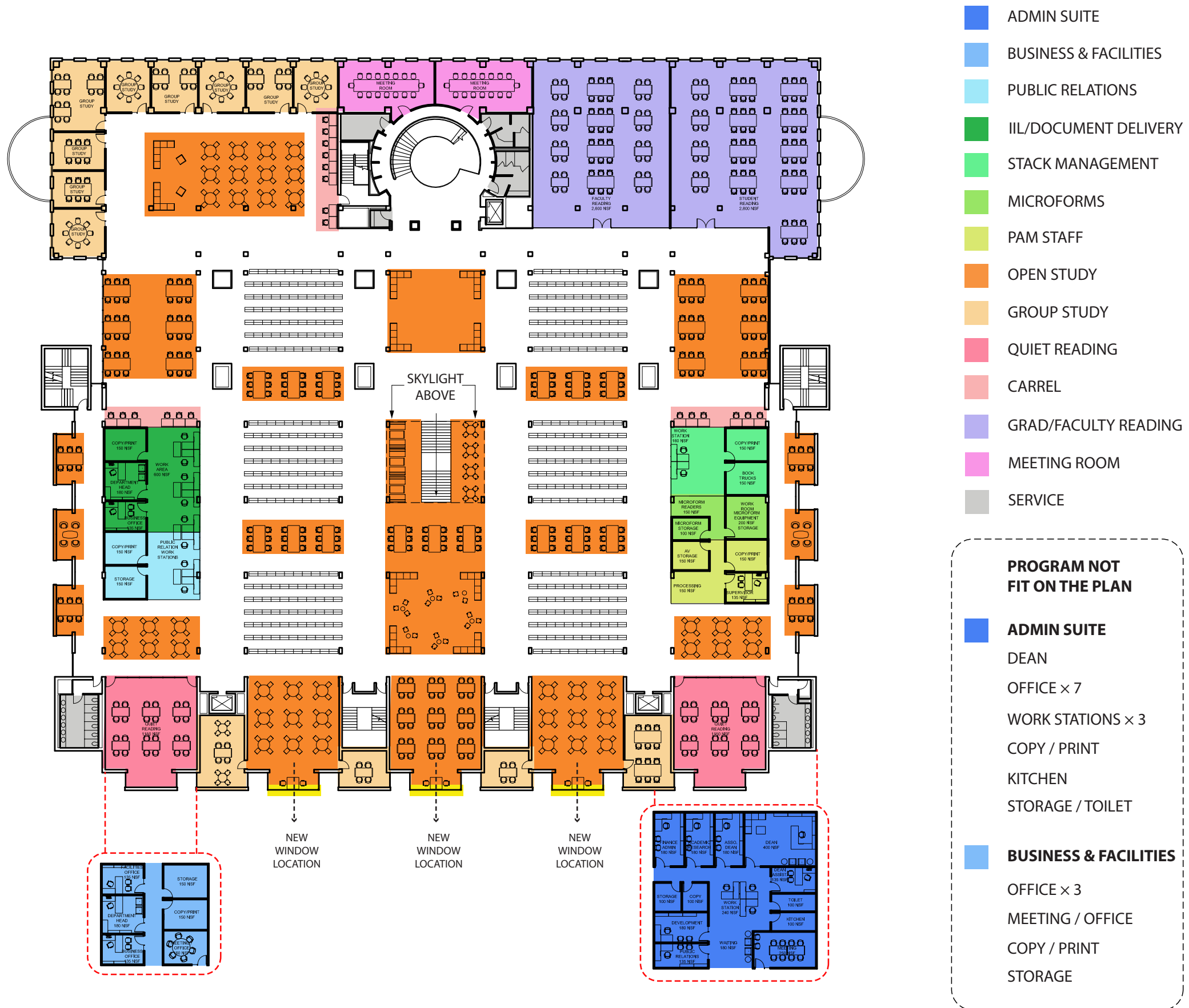
- ADMIN SUITE**
- DEAN
- OFFICE × 7
- WORK STATIONS × 3
- COPY / PRINT
- KITCHEN
- STORAGE / TOILET

FLOOR PLAN | LEVEL 4 - PHASE 01 - OPTION 2 DIAGRAM

- REDISTRIBUTED COLLECTIONS
- SKYLIGHTS OVER CENTRAL READING AREA



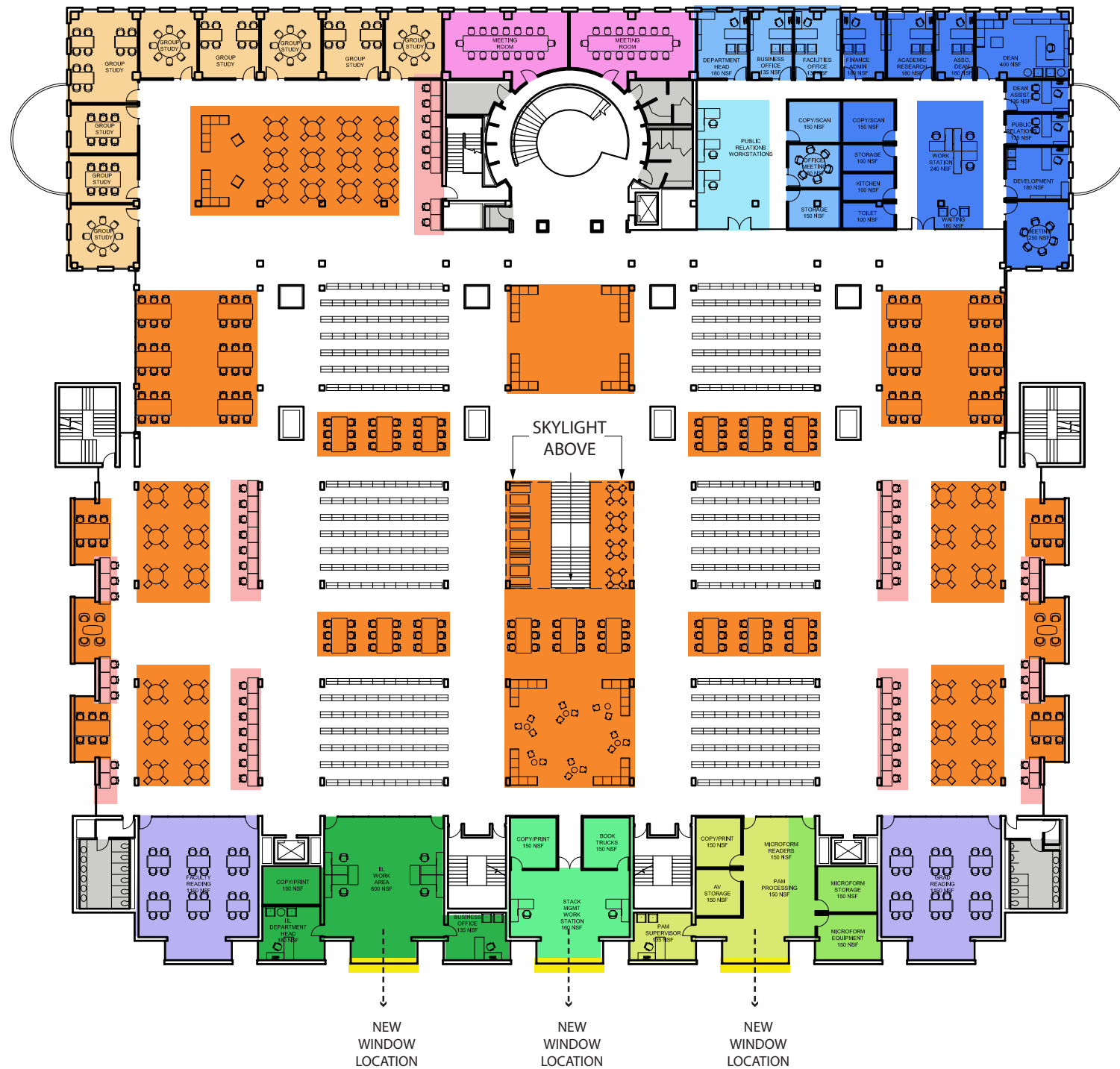
FLOOR PLAN | LEVEL 4 - PHASE 01 - OPTION 2



- ADMIN SUITE
- BUSINESS & FACILITIES
- PUBLIC RELATIONS
- IIL/DOCUMENT DELIVERY
- STACK MANAGEMENT
- MICROFORMS
- PAM STAFF
- OPEN STUDY
- GROUP STUDY
- QUIET READING
- CARREL
- GRAD/FACULTY READING
- MEETING ROOM
- SERVICE

- PROGRAM NOT FIT ON THE PLAN**
- **ADMIN SUITE**
 - DEAN
 - OFFICE × 7
 - WORK STATIONS × 3
 - COPY / PRINT
 - KITCHEN
 - STORAGE / TOILET
 - **BUSINESS & FACILITIES**
 - OFFICE × 3
 - MEETING / OFFICE
 - COPY / PRINT
 - STORAGE

FLOOR PLAN | LEVEL 4 - PHASE 01 - RESOLVED OPTION



- ADMIN SUITE
- BUSINESS & FACILITIES
- PUBLIC RELATIONS
- IIL/DOCUMENT DELIVERY
- STACK MANAGEMENT
- MICROFORMS
- PAM STAFF
- OPEN STUDY
- GROUP STUDY
- CARREL
- GRAD/FACULTY READING
- MEETING ROOM
- SERVICE

SEAT COUNTS:

OPEN STUDY: 432

GROUP STUDY: 72

CARREL: 44

GRAD/FACULTY READING: 48

TOTAL @LEVEL4: 596

TOTAL ALL LEVELS: 2,001

RESOLVED OPTION - SEAT COUNT

University of Arkansas - Mullins Library

Seat Counts

Perry Dean Rogers Partners Architects

4/2/2018

	Level 1	Level 2	Level 3	Level 4	Total
Carrel			40	44	84
Open Study			416	432	848
Quiet Reading		120			120
Group Study		70	90	72	232
Leaning Commons		255			255
Training	72	40			112
Events room		150			150
Lounge	38				38
Maker Space	24				24
Media Suite	15				15
Cafe		75			75
Grad/Faculty Reading				48	48
Total Per Level	149	710	546	596	2,001

2/2/2018 Target	Difference
75	9
1,686	-838
120	0
72	160
700	-445
140	-28
150	0
0	38
0	24
0	15
0	75
0	48
2,943	-942

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APPENDIX

B.PROGRAMMING SESSION 03

FLOOR PLAN | LEVEL 1 - PHASE 01



GENERAL NOTES

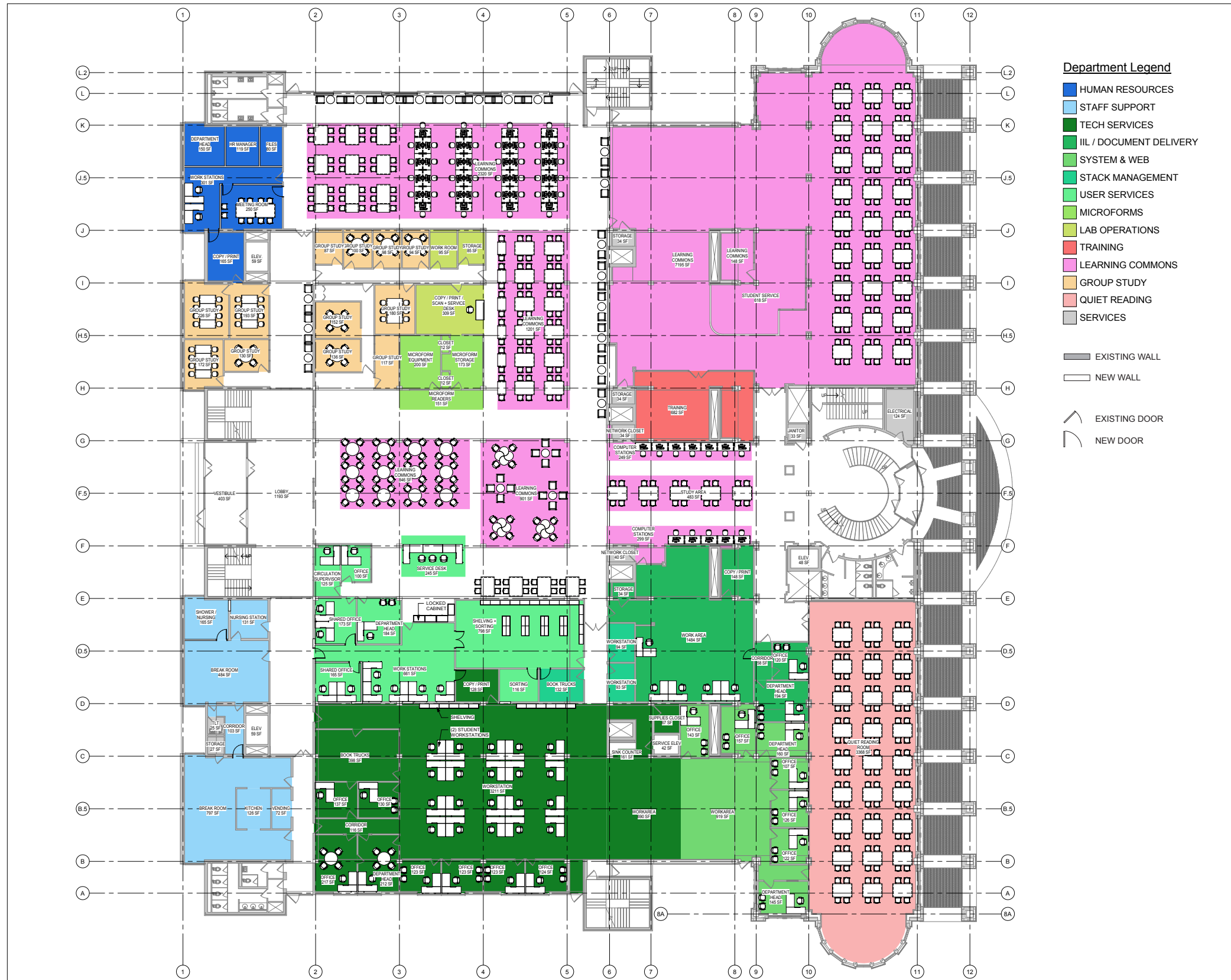
Department Legend

- SHIPPING / RECEIVING
- BINDERY / PRESERVATION
- SYSTEM & WEB
- CUSTODIAL
- DIGITAL SERVICES
- SPECIAL COLLECTIONS
- TRAINING
- OPEN STUDY
- SERVICES

- EXISTING WALL
- NEW WALL
- EXISTING DOOR
- NEW DOOR

NO.	DATE	DESCRIPTION
PERRY DEAN ROGERS PARTNERS ARCHITECTS		
177 Milk Street Boston, MA 02109		617 423 0100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"		PROJECT NUMBER: 1067.00
PROJECT: MULLINS LIBRARY Renovation		
TITLE: Programming Study		
FLOOR PLAN - LEVEL 1		
DATE: 04/17/18	SECTION: A1	DRAWING NUMBER:

FLOOR PLAN | LEVEL 2 - PHASE 01



GENERAL NOTES

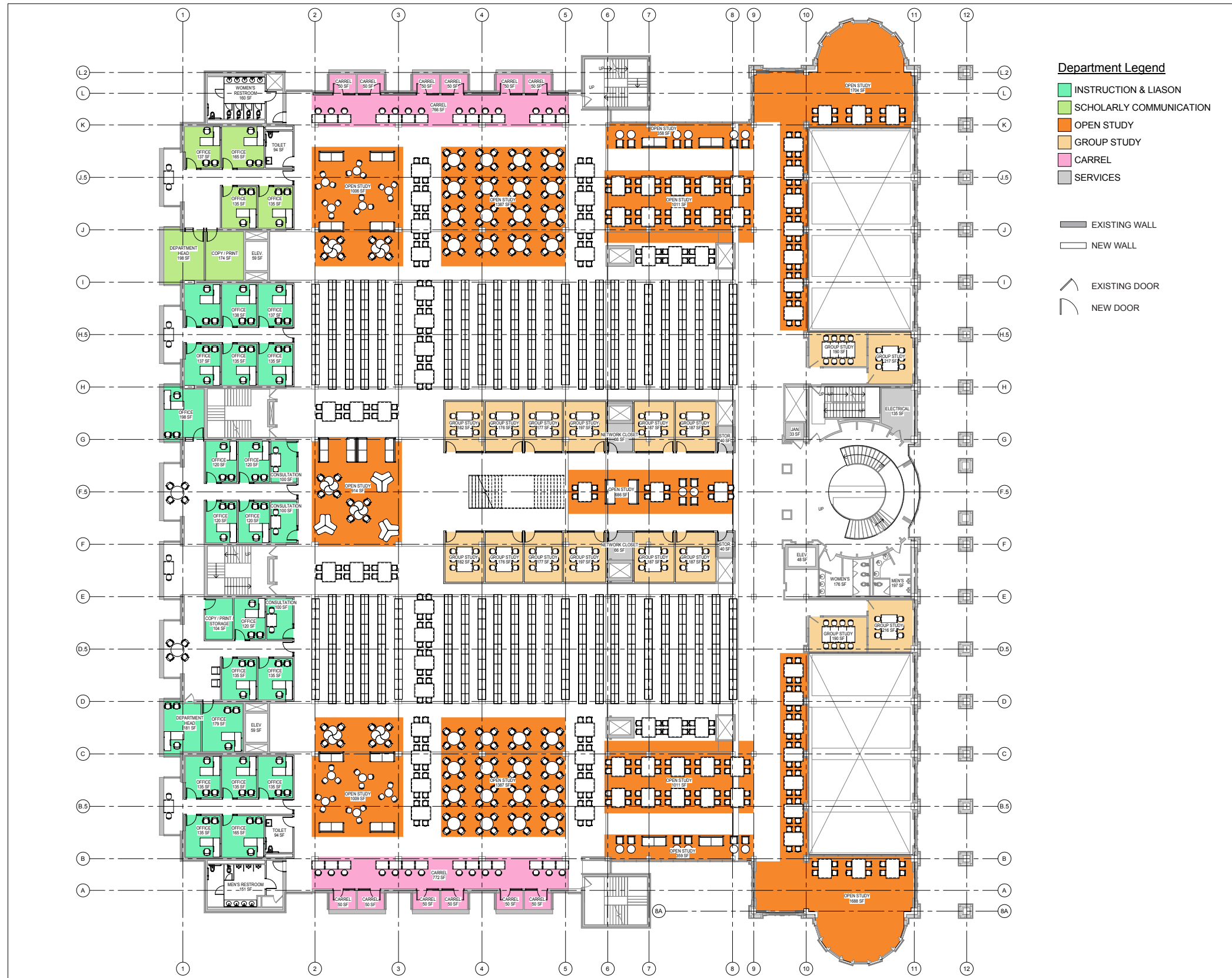
Department Legend

- HUMAN RESOURCES
- STAFF SUPPORT
- TECH SERVICES
- IIL / DOCUMENT DELIVERY
- SYSTEM & WEB
- STACK MANAGEMENT
- USER SERVICES
- MICROFORMS
- LAB OPERATIONS
- TRAINING
- LEARNING COMMONS
- GROUP STUDY
- QUIET READING
- SERVICES

- EXISTING WALL
- NEW WALL
- EXISTING DOOR
- NEW DOOR

NO.	DATE	DESCRIPTION
PERY DEAN ROGERS PARTNERS ARCHITECTS		
177 Milk Street Boston, MA 02109		617 423 9100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"		PROJECT NUMBER: 1067.00
PROJECT: MULLINS LIBRARY Renovation		
TITLE: Programming Study		
FLOOR PLAN - LEVEL 2		
DATE: 04/17/18	SECTION: A2	DRAWING NUMBER:

FLOOR PLAN | LEVEL 3 - PHASE 01 - RESOLVED OPTION



GENERAL NOTES

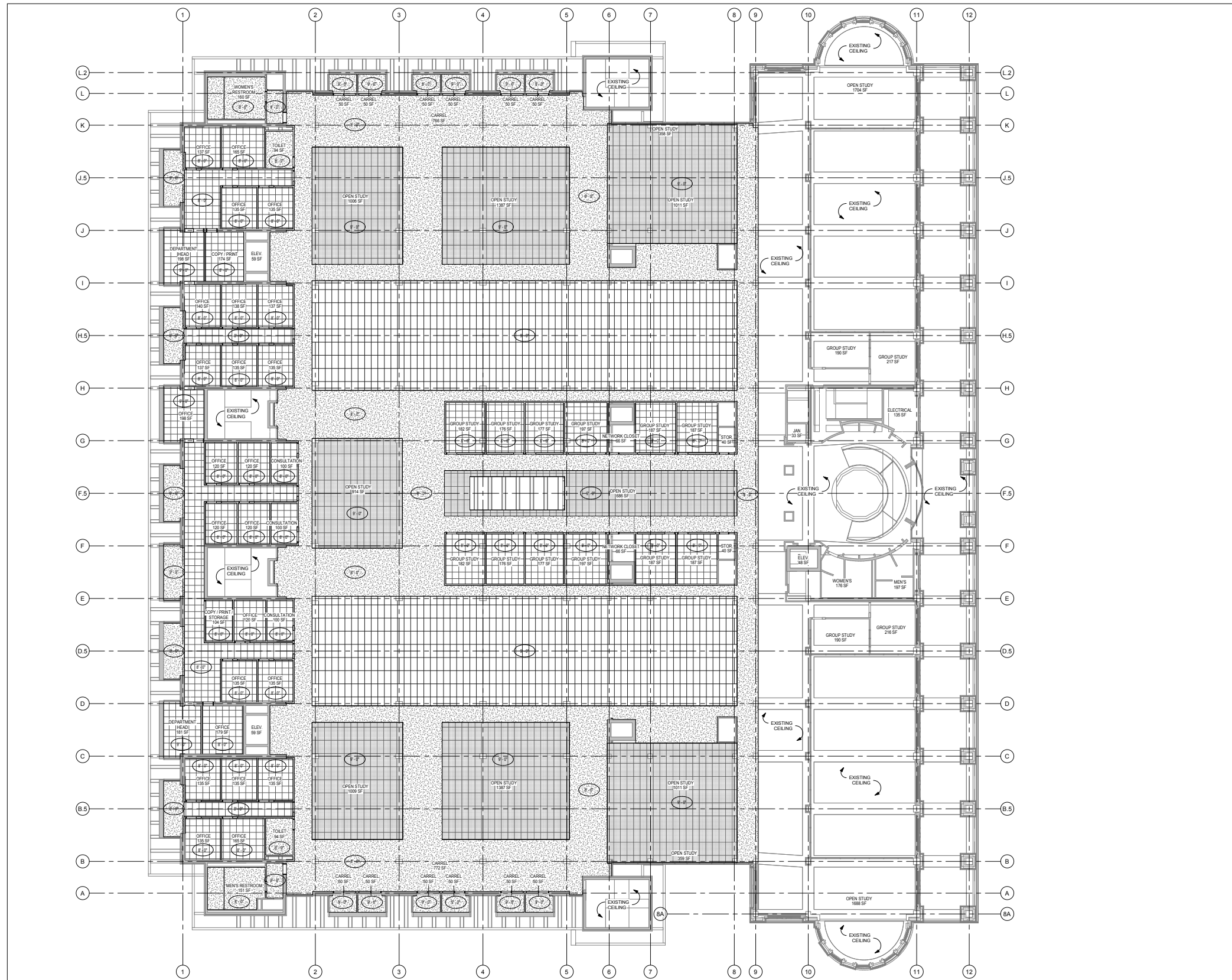
Department Legend

- INSTRUCTION & LIASON
- SCHOLARLY COMMUNICATION
- OPEN STUDY
- GROUP STUDY
- CARREL
- SERVICES

- EXISTING WALL
- NEW WALL
- EXISTING DOOR
- NEW DOOR





NO.	DATE	DESCRIPTION
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177 Milk Street Boston, MA 02109		617 423 0100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"	PROJECT NUMBER: 1067.00	
PROJECT: MULLINS LIBRARY Renovation		
TITLE: Programming Study		
DRAWING NUMBER: FLOOR PLAN - LEVEL 3 RESOLVED		
DATE: 04/23/18	SECTION: A3	DRAWING NUMBER:

REFLECTED CEILING PLAN | LEVEL 3 - PHASE 01 - RESOLVED OPTION



GENERAL NOTES

RCP LEGEND

-  PTD GWB
-  2' x 2' x 3/4" ACOUSTIC TILE
-  2' x 4' x 1" ACOUSTIC TILE
-  2' x 4' PERFORATED WOOD ACOUSTIC PANEL

NO.	DATE	DESCRIPTION
PERY DEAN ROGERS PARTNERS ARCHITECTS		
177 Milk Street Boston, MA 02109		617 423 0100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"		PROJECT NUMBER: 1067.00
PROJECT: MULLINS LIBRARY Renovation		
TITLE: REFLECTED CEILING PLAN - LEVEL 3 RESOLVED		
DATE: 04/27/18	SECTION: A8	DRAWING NUMBER:

NO. DATE DESCRIPTION

PERY DEAN ROGERS PARTNERS ARCHITECTS

177 Milk Street
Boston, MA 02109

617 423 0100
www.perrydean.com

STAMP

SCALE: 3/32" = 1'-0"

PROJECT NUMBER: 1067.00

PROJECT:

MULLINS LIBRARY
Renovation

Programming Study

TITLE: REFLECTED CEILING PLAN - LEVEL 3 RESOLVED

DATE:

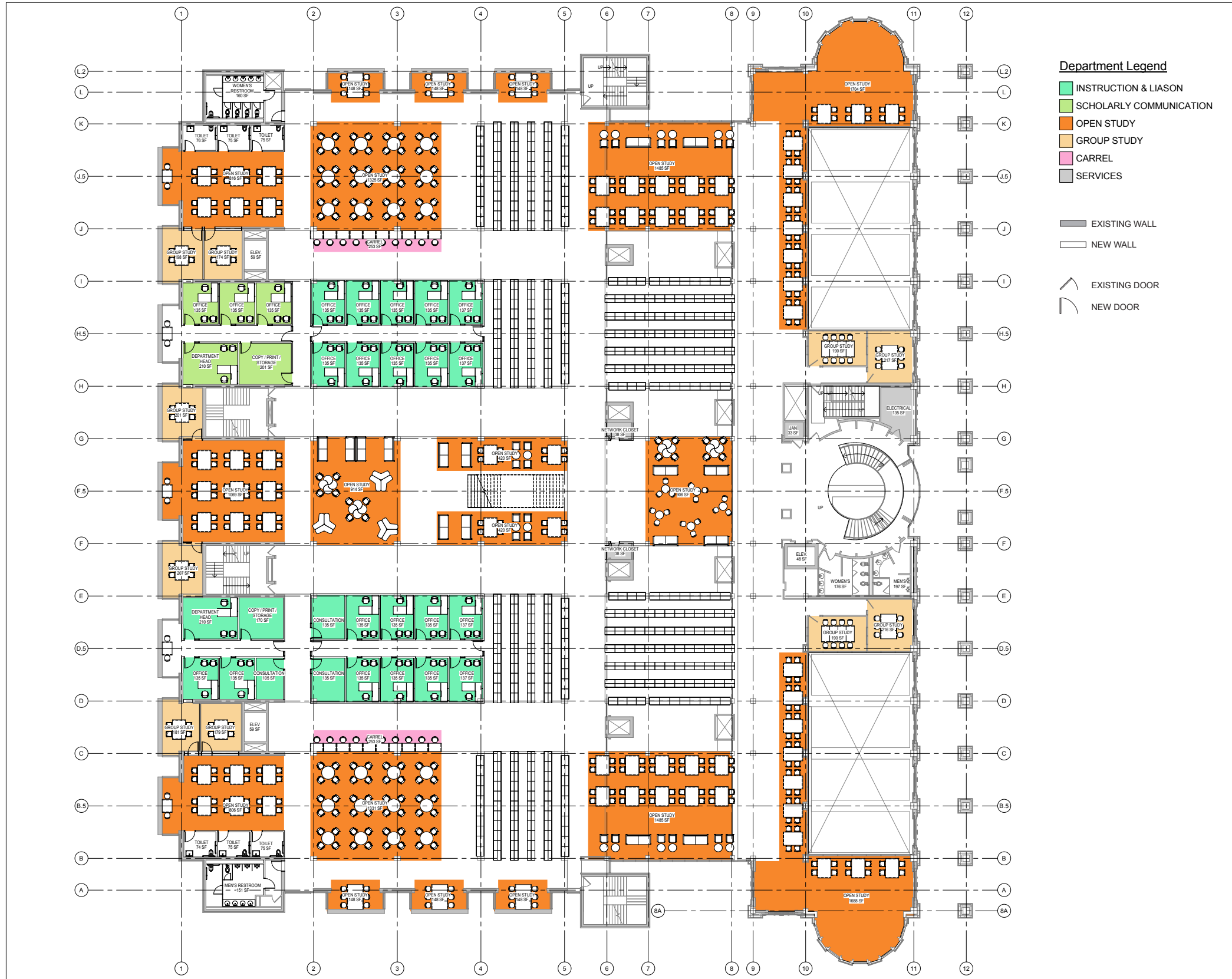
04/27/18

SECTION:

A8

DRAWING NUMBER:

FLOOR PLAN | LEVEL 3 - PHASE 01 - ALTERNATE OPTION



GENERAL NOTES

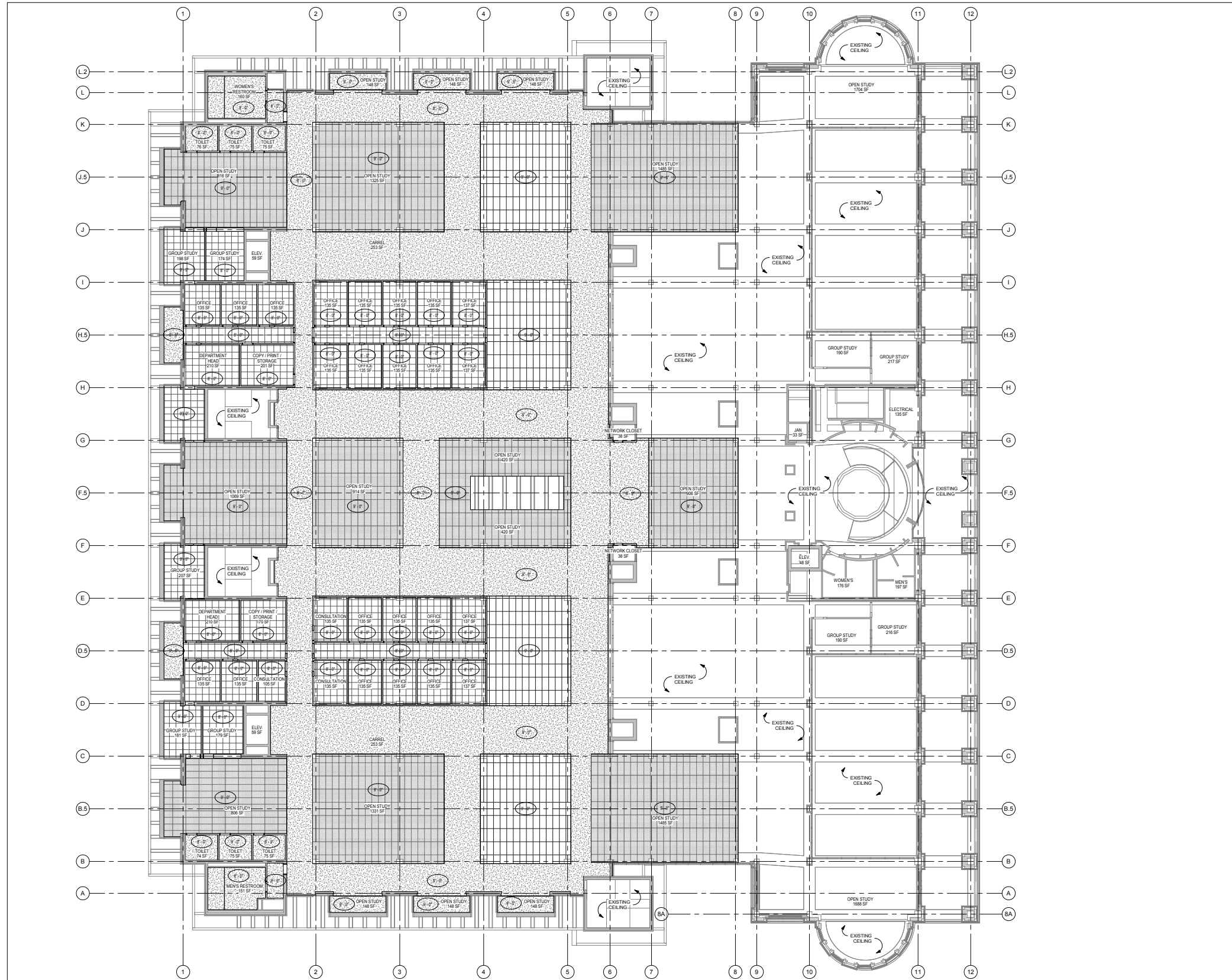
Department Legend

- INSTRUCTION & LIASON
- SCHOLARLY COMMUNICATION
- OPEN STUDY
- GROUP STUDY
- CARREL
- SERVICES

- EXISTING WALL
- NEW WALL
- EXISTING DOOR
- NEW DOOR

NO.	DATE	DESCRIPTION
PERRY DEAN ROGERS PARTNERS ARCHITECTS		
177 Milk Street Boston, MA 02109		617 423 0100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"	PROJECT NUMBER: 1067.00	
PROJECT MULLINS LIBRARY Renovation Programming Study		
TITLE FLOOR PLAN - LEVEL 3 ALT OPTION		
DATE: 04/23/18	SECTION: A4	DRAWING NUMBER:

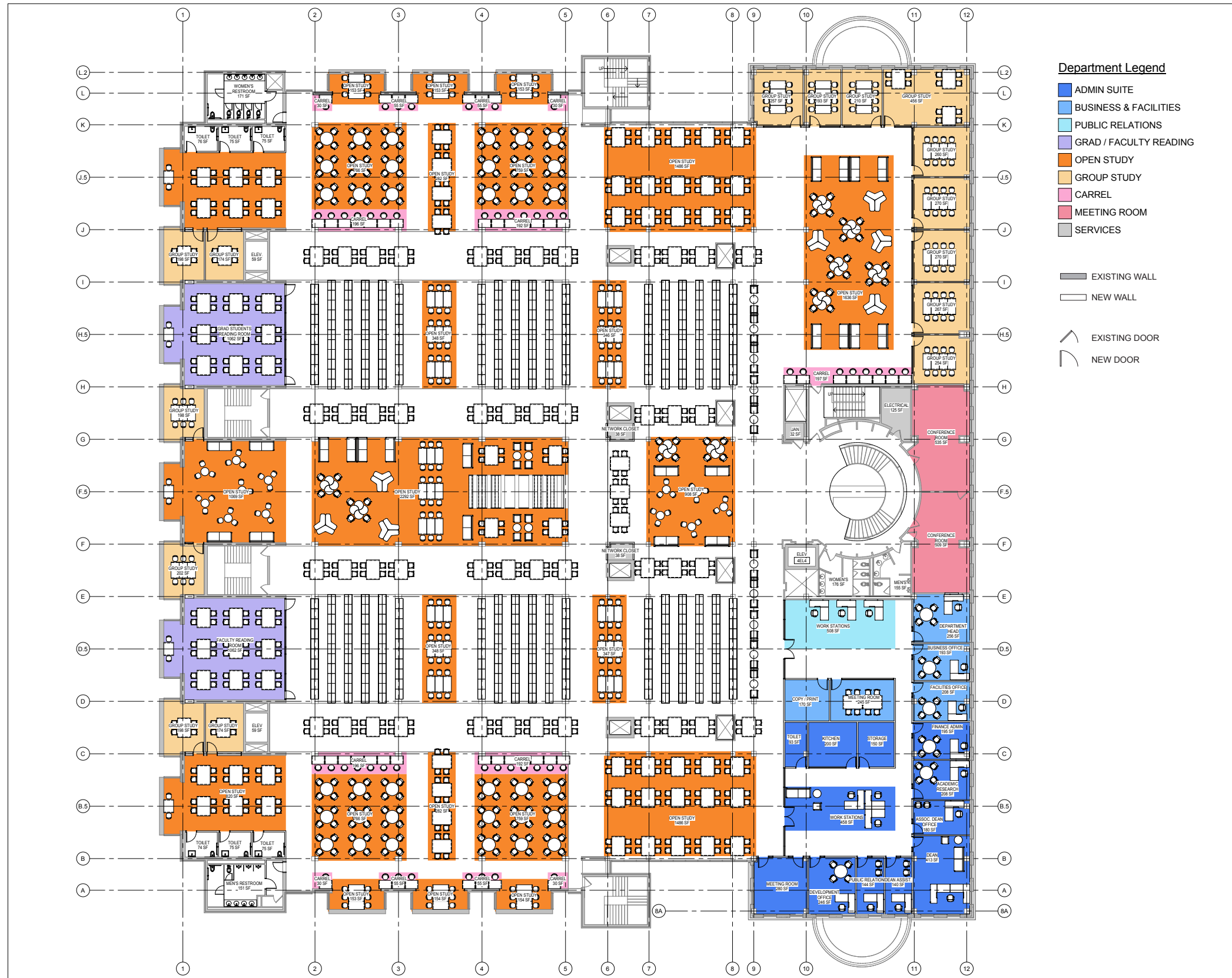
REFLECTED CEILING PLAN | LEVEL 3 - PHASE 01 - ALTERNATE OPTION



- GENERAL NOTES**
- RCP LEGEND**
- PTD GWB
 -
 -
 - 2' x 4' PERFORATED WOOD ACOUSTIC PANEL

NO.	DATE	DESCRIPTION
<p>PERY DEAN ROGERS PARTNERS ARCHITECTS</p> <p>177 Milk Street Boston, MA 02109</p> <p>617 423 0100 www.perrydean.com</p>		
SCALE: 3/32" = 1'-0"		PROJECT NUMBER: 1067.00
<p>PROJECT: MULLINS LIBRARY Renovation</p> <p>TITLE: REFLECTED CEILING PLAN - LEVEL 3 ALT OPTION 1</p>		
DATE: 04/27/18	SECTION: A9	DRAWING NUMBER:

FLOOR PLAN | LEVEL 4 - PHASE 01 - RESOLVED OPTION



GENERAL NOTES

Department Legend

- ADMIN SUITE
- BUSINESS & FACILITIES
- PUBLIC RELATIONS
- GRAD / FACULTY READING
- OPEN STUDY
- GROUP STUDY
- CARREL
- MEETING ROOM
- SERVICES

— EXISTING WALL

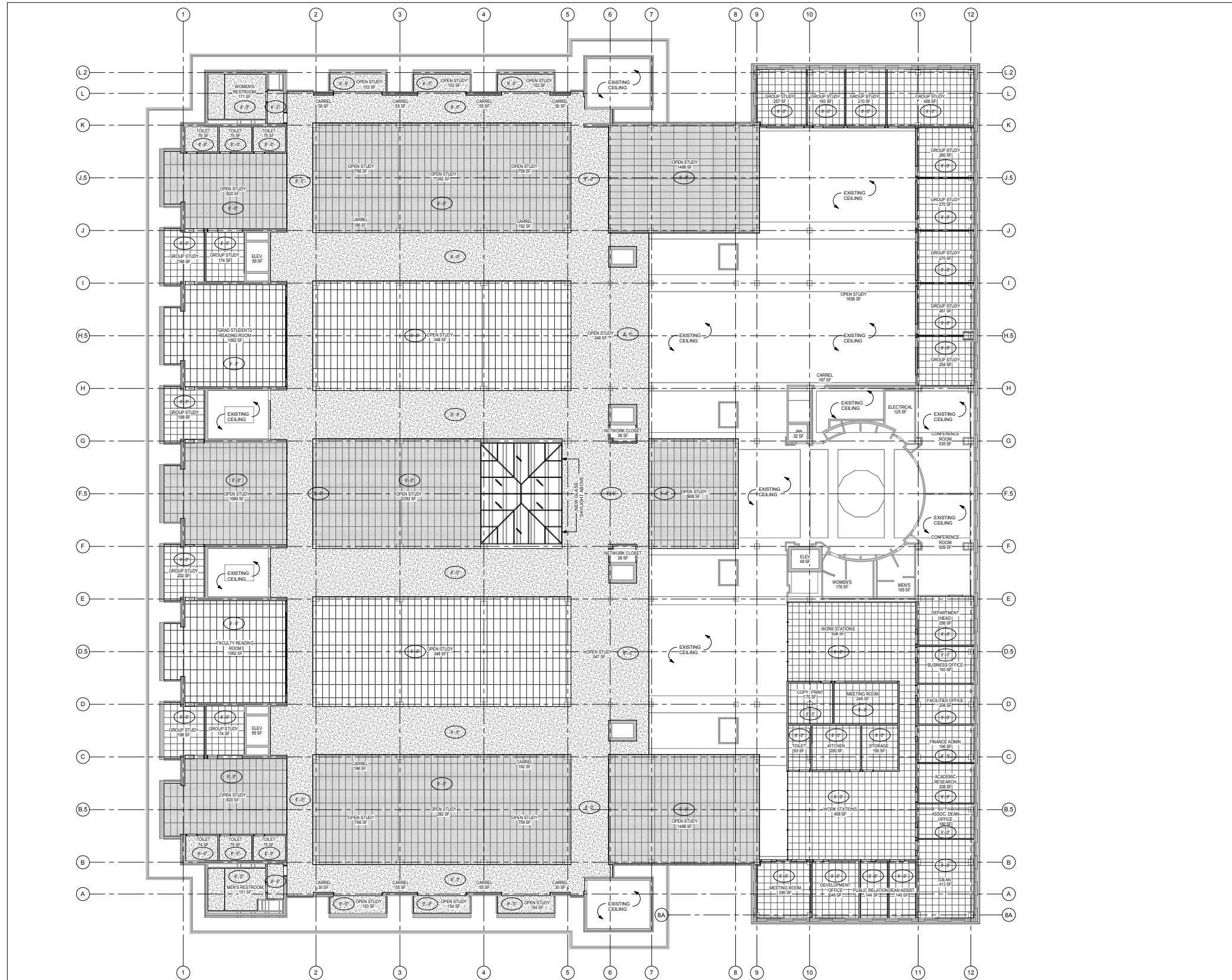
— NEW WALL

— EXISTING DOOR

— NEW DOOR

NO.	DATE	DESCRIPTION
PERRY DEAN ROGERS PARTNERS ARCHITECTS		
177 Milk Street Boston, MA 02109		617 423 0100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"	PROJECT NUMBER: 1067.00	
PROJECT: MULLINS LIBRARY Renovation		
TITLE: Programming Study		
DATE: 04/24/18		
SECTION: A5		DRAWING NUMBER:

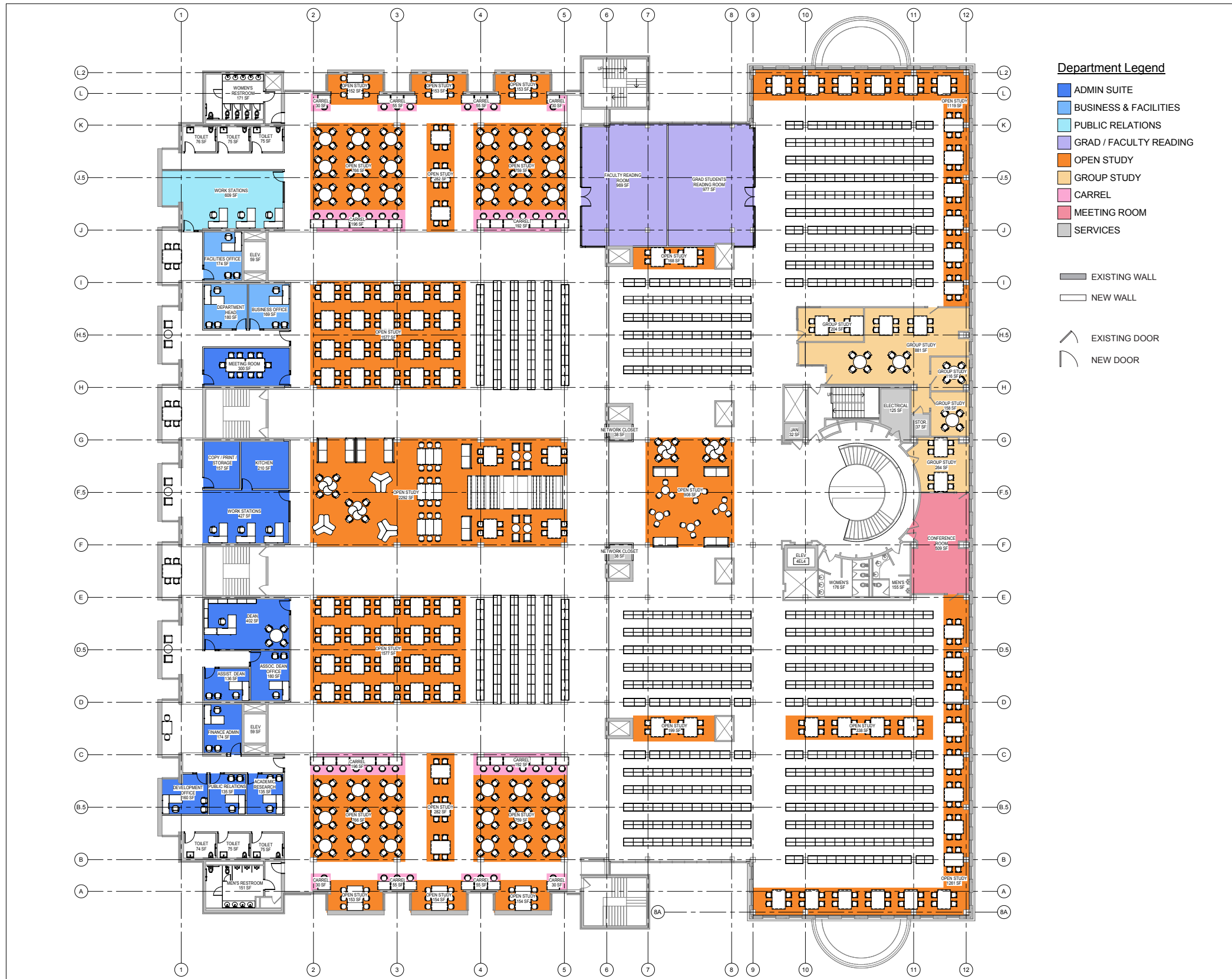
REFLECTED CEILING PLAN | LEVEL 4 - PHASE 01 - RESOLVED OPTION



- GENERAL NOTES**
- RCP LEGEND**
- PTD GWB
 -
 -
 -

NO.	DATE	DESCRIPTION
<p>PERY DEAN ROGERS PARTNERS ARCHITECTS</p> <p>177 Milk Street Boston, MA 02109</p> <p>617 423 0100 www.perrydean.com</p>		
STAMP		
SCALE	PROJECT NUMBER	
3/32" = 1'-0"	1067.00	
PROJECT		
<p>MULLINS LIBRARY Renovation</p> <p>Programming Study</p>		
TITLE		
REFLECTED CEILING PLAN - LEVEL 4 RESOLVED		
DATE	SECTION	DRAWING NUMBER
04/27/18	A10	

FLOOR PLAN | LEVEL 4 - PHASE 01 - ALTERNATE OPTION 1



Department Legend

- ADMIN SUITE
- BUSINESS & FACILITIES
- PUBLIC RELATIONS
- GRAD / FACULTY READING
- OPEN STUDY
- GROUP STUDY
- CARREL
- MEETING ROOM
- SERVICES

— EXISTING WALL

— NEW WALL

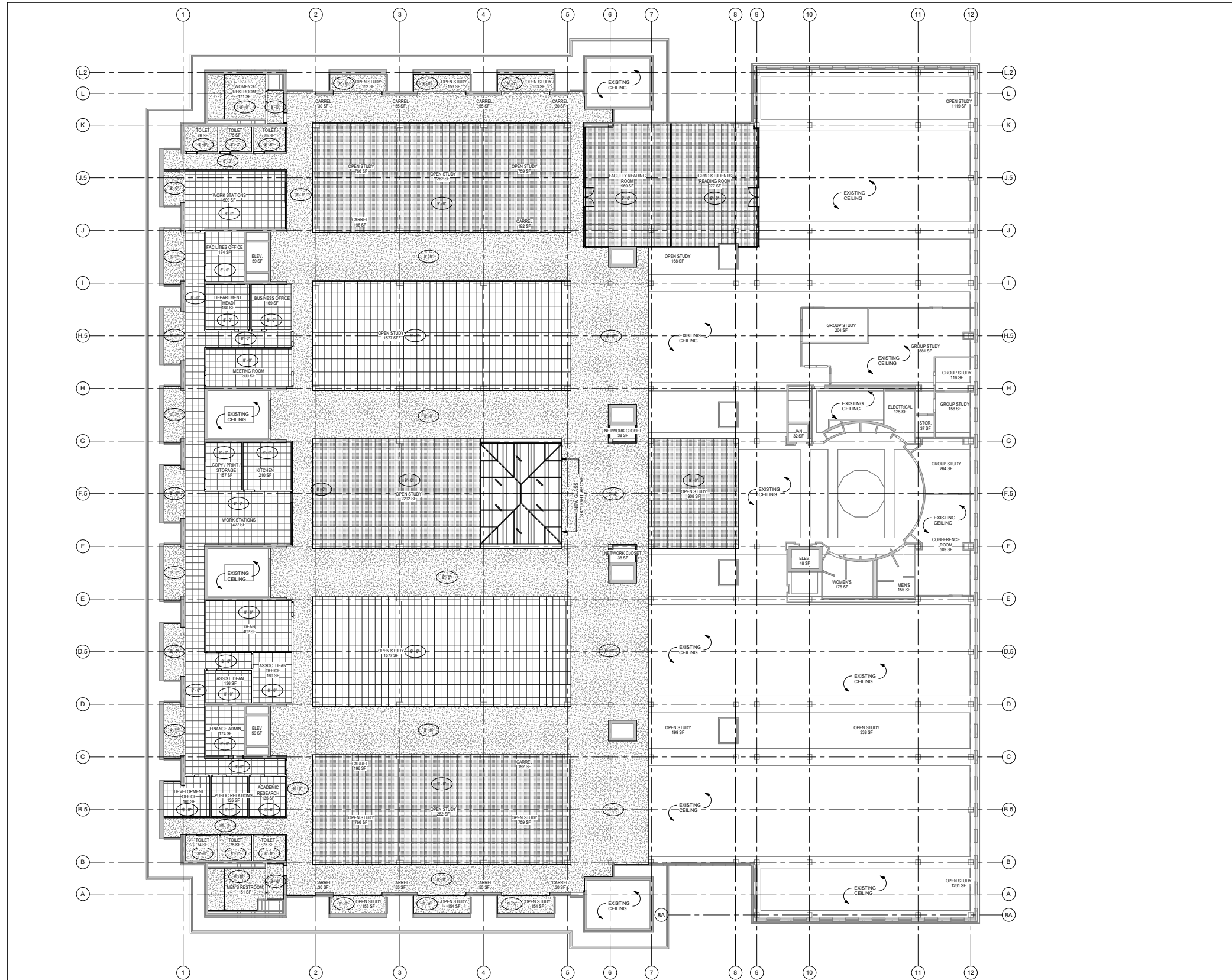
— EXISTING DOOR

— NEW DOOR

GENERAL NOTES

NO.	DATE	DESCRIPTION
PERRY DEAN ROGERS PARTNERS ARCHITECTS		
177 Milk Street Boston, MA 02109		617.423.0100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"	PROJECT NUMBER: 1067.00	
PROJECT: MULLINS LIBRARY Renovation		
TITLE: Programming Study		
TITLE: FLOOR PLAN - LEVEL 4 ALT OPTION 1		
DATE: 04/24/18	SECTION: A6	DRAWING NUMBER:

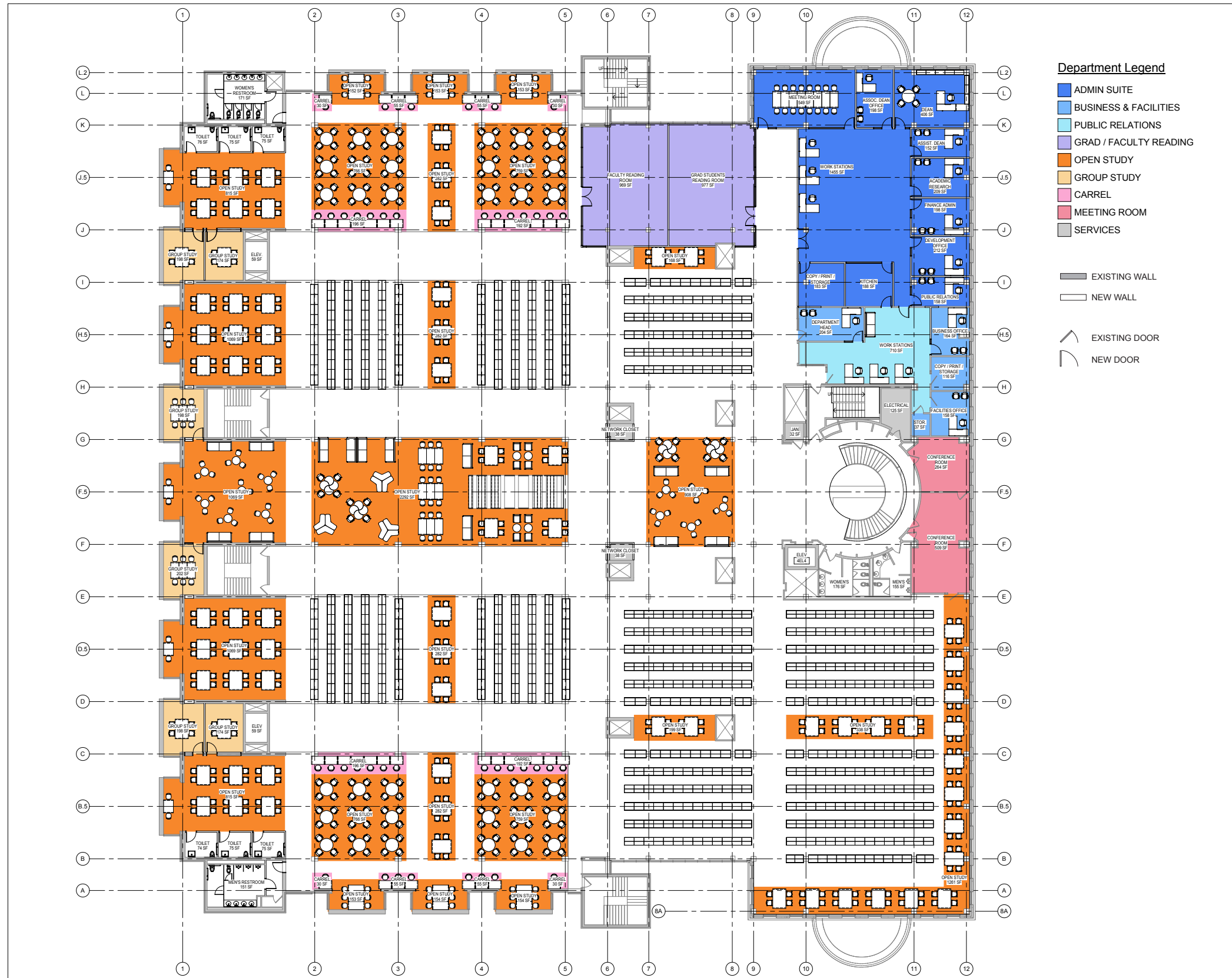
REFLECTED CEILING PLAN | LEVEL 4 - PHASE 01 - ALTERNATE OPTION 1



- GENERAL NOTES**
- RCP LEGEND**
- PTD GWB
 -
 -
 -

NO.	DATE	DESCRIPTION
PERY DEAN ROGERS PARTNERS ARCHITECTS		
177 Milk Street Boston, MA 02109		617 423 0100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"		PROJECT NUMBER: 1067.00
PROJECT: MULLINS LIBRARY Renovation		
PROGRAMMING STUDY		
TITLE: REFLECTED CEILING PLAN - LEVEL 4 ALT OPTION 1		
DATE: 04/27/18	SECTION:	DRAWING NUMBER: A11

FLOOR PLAN | LEVEL 4 - PHASE 01 - ALTERNATE OPTION 2



Department Legend

- ADMIN SUITE
- BUSINESS & FACILITIES
- PUBLIC RELATIONS
- GRAD / FACULTY READING
- OPEN STUDY
- GROUP STUDY
- CARREL
- MEETING ROOM
- SERVICES

— EXISTING WALL

— NEW WALL

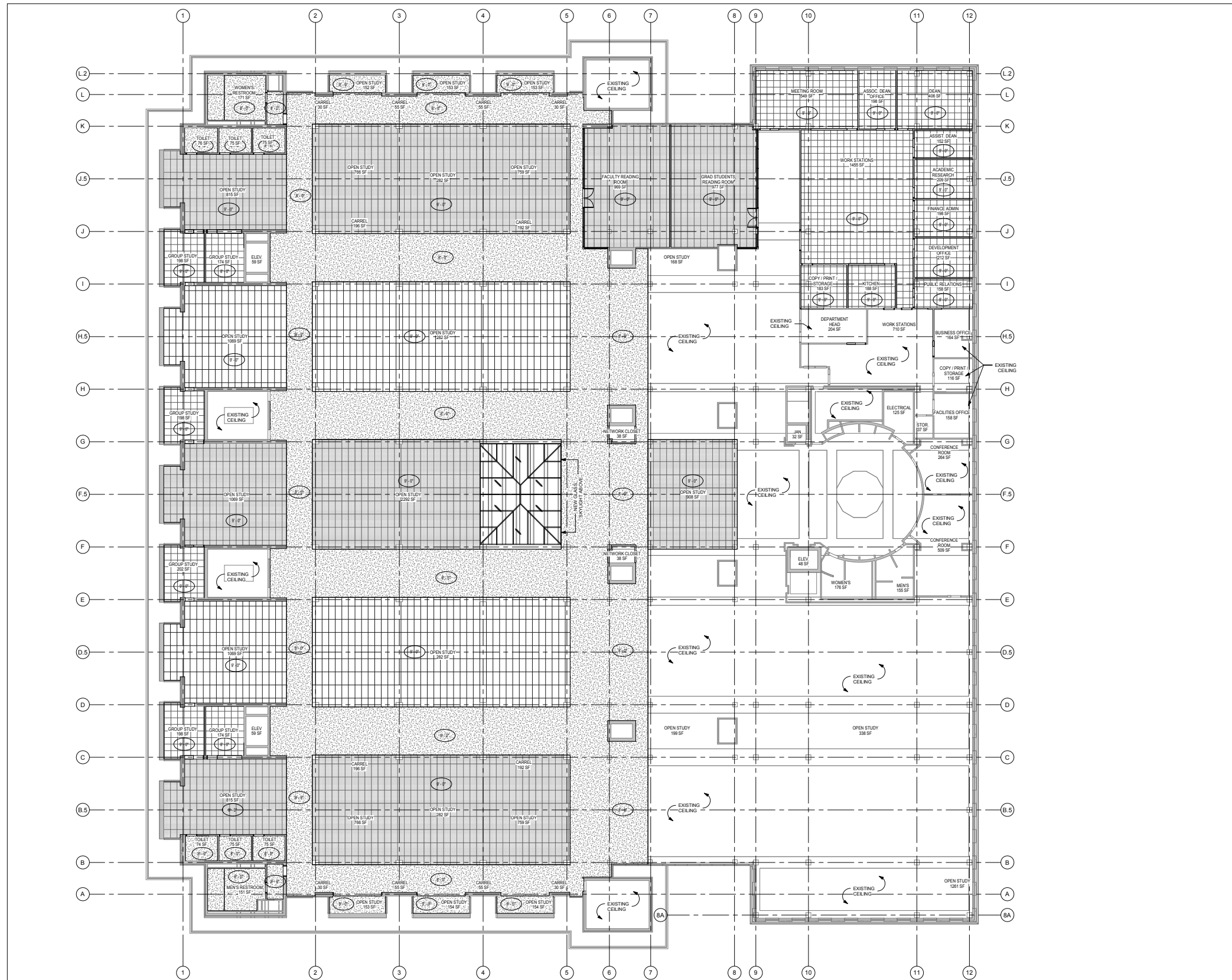
— EXISTING DOOR

— NEW DOOR

GENERAL NOTES





NO.	DATE	DESCRIPTION
PERRY DEAN ROGERS PARTNERS ARCHITECTS		
177 Milk Street Boston, MA 02109		617 423 0100 www.perrydean.com
STAMP		
SCALE: 3/32" = 1'-0"	PROJECT NUMBER: 1067.00	
PROJECT: MULLINS LIBRARY Renovation		
TITLE: Programming Study		
DRAWING NUMBER: FLOOR PLAN - LEVEL 4 ALT OPTION 2		
DATE: 04/24/18	SECTION: A7	DRAWING NUMBER:

REFLECTED CEILING PLAN | LEVEL 4 - PHASE 01 - ALTERNATE OPTION 2



GENERAL NOTES

RCP LEGEND

-  PTD GWB
-  2' x 2' x 3/4" ACOUSTIC TILE
-  2' x 4' x 1" ACOUSTIC TILE
-  2' x 4' PERFORATED WOOD ACOUSTIC PANEL

NO. DATE DESCRIPTION

PERY DEAN ROGERS PARTNERS ARCHITECTS
 177 Milk Street
 Boston, MA 02109
 617 423 0100
 www.perrydean.com

STAMP

SCALE: 3/32" = 1'-0"
 PROJECT NUMBER: 1067.00

PROJECT

MULLINS LIBRARY
 Renovation
 Programming Study

TITLE

REFLECTED CEILING PLAN -
 LEVEL 4 ALT OPTION 2
 DATE: 04/27/18 SECTION: DRAWING NUMBER: A12

RESOLVED OPTION - SEAT COUNTS

University of Arkansas - Mullins Library

Seat Counts

Perry Dean Rogers Partners Architects

4/30/2018

	Level 1	Level 2	Level 3	Level 4	Total
Carrel			40	52	92
Open Study	240		648	864	1,752
Quiet Reading		120			120
Group Study		62	100	104	266
Leaning Commons		638			638
Training	136	27			163
Grad/Faculty Reading				76	76
Events room					0
Total Per Level	376	847	788	1,096	3,107

2/2/2018 Target	Difference
75	17
1,686	66
120	0
72	194
700	-62
140	23
0	76
150	-150
2,943	164

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03

APPENDIX

C.LIBRARY ROOM DATA SHEET

ADMINISTRATION SUITE

Net Area: 2,460 nsf
Ceiling Height: TBD
Number of Occupants: 10

Adjacency Requirements: Close to Business & Facilities Services and Public Relations Workroom

Special System Requirements: NA

Acoustical Criteria: Standard

Lighting Criteria: Standard

Audio-Visual Criteria: Standard

Mechanical Criteria: Standard

Plumbing Criteria: NA

Power Criteria: Standard

Data and Communication Criteria: Standard

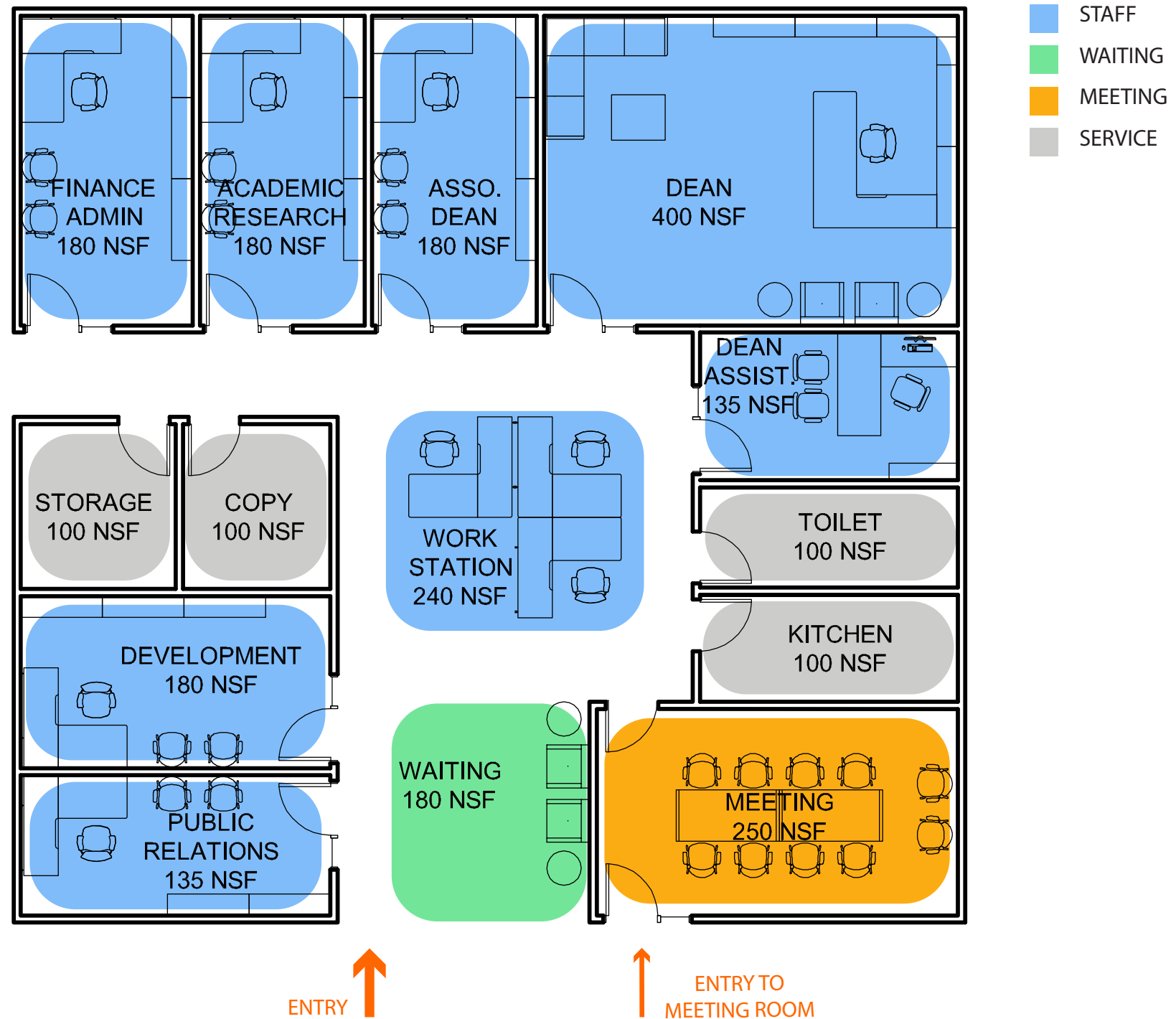
Security Requirements: Standard

Room Finishes: NA

Furnishings and Equipment: Table and chairs in offices; Kitchen adjacent to meeting room, coffee machine, fridge, sink and cabinets

Special Storage Requirements: NA

Other Requirements: NA

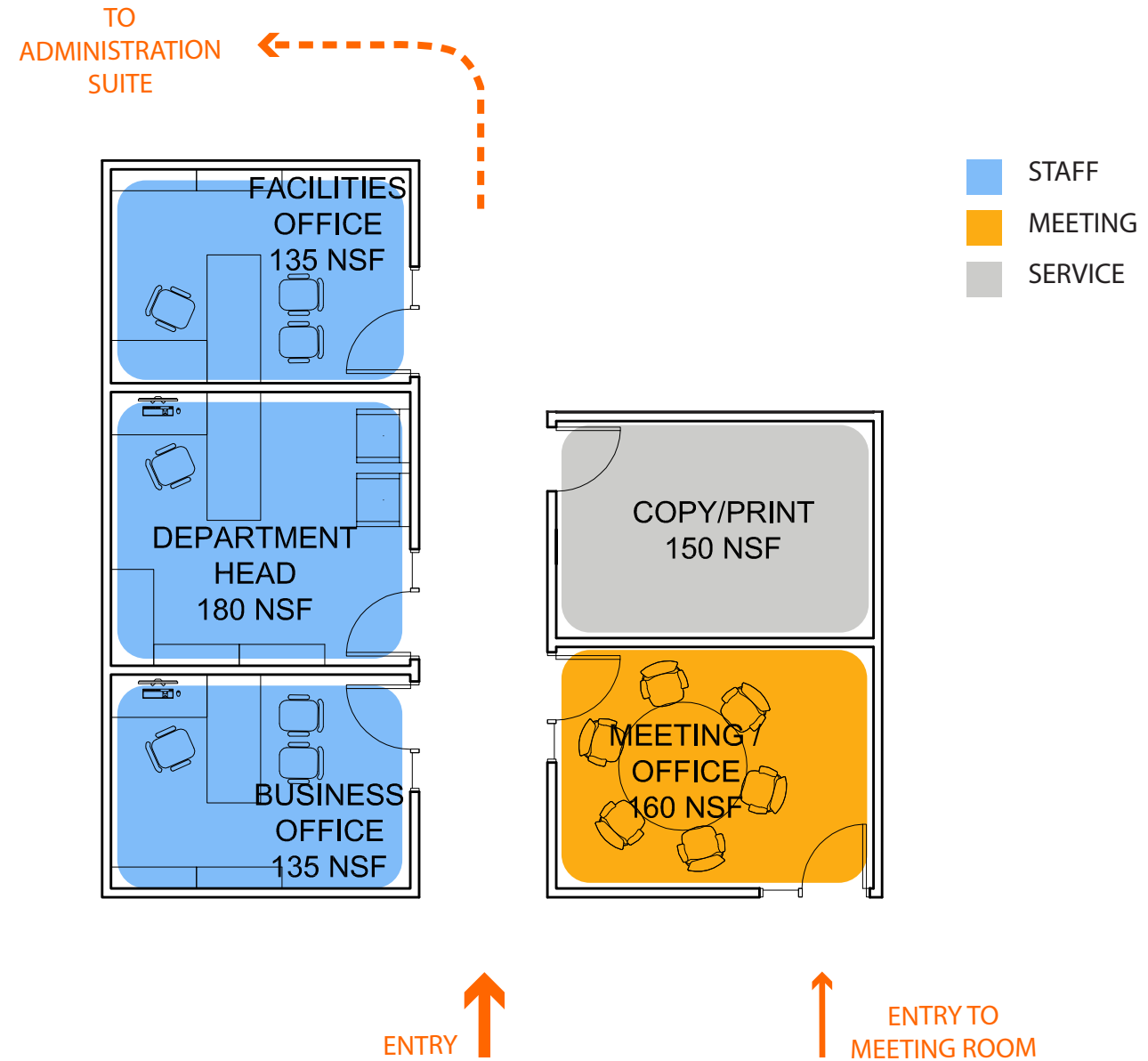


SCALE: 1/8" = 1'-0"

BUSINESS & FACILITIES SERVICES SUITE

Net Area: 760 nsf
Ceiling Height: TBD
Number of Occupants: 3

Adjacency Requirements: Close to Admin Suite
Special System Requirements: NA
Acoustical Criteria: Standard
Lighting Criteria: Standard
Audio-Visual Criteria: Standard
Mechanical Criteria: Standard
Plumbing Criteria: NA
Power Criteria: Standard
Data and Communication Criteria: Standard
Security Requirements: Standard
Room Finishes: NA
Furnishings and Equipment: Table and chairs in offices; (1) copier, layout table, and storage cabinet in copy / storage room
Special Storage Requirements: NA
Other Requirements: NA



SCALE: 1/8" = 1'-0"

SHIPPING & RECEIVING / MAILROOM

Net Area: 1,325 nsf
Ceiling Height: TBD
Number of Occupants: 2

Adjacency Requirements: Close to loading dock

Special System Requirements: NA

Acoustical Criteria: Standard

Lighting Criteria: Standard

Audio-Visual Criteria: Standard

Mechanical Criteria: Standard

Plumbing Criteria: Standard

Power Criteria: Standard

Data and Communication Criteria: Standard

Security Requirements: Standard

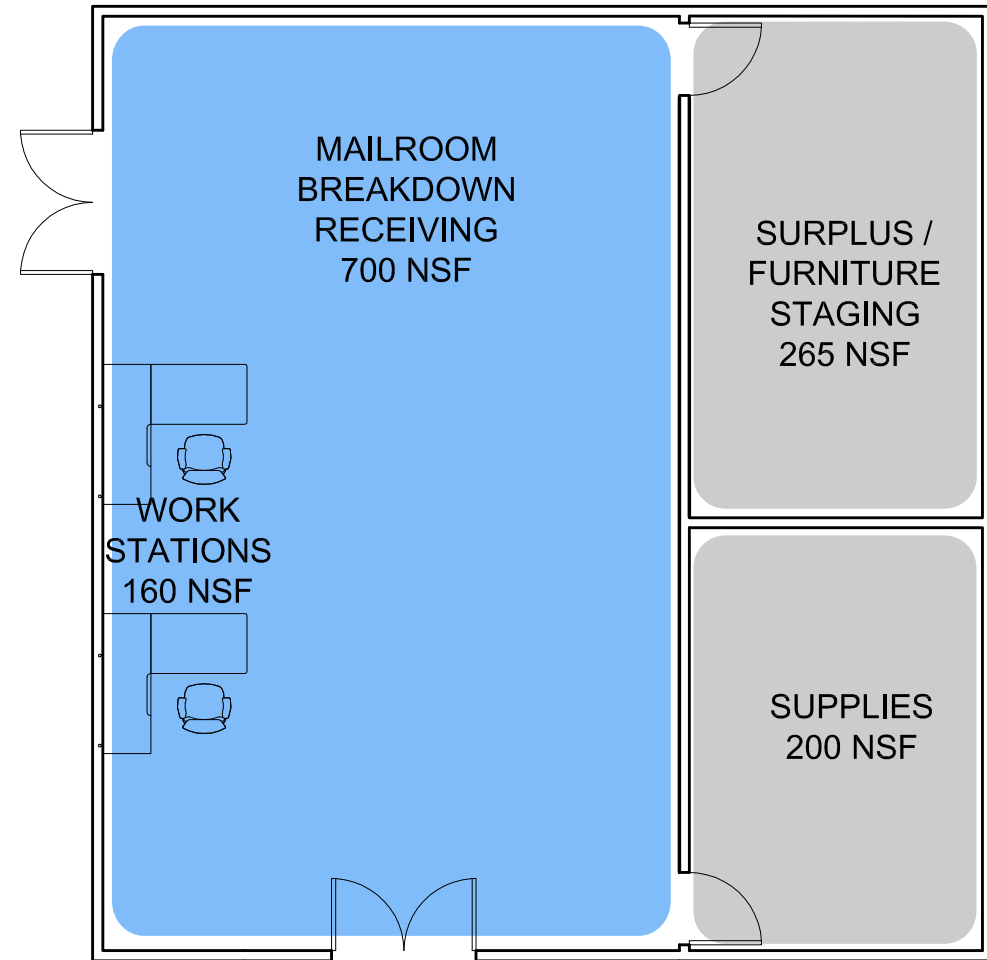
Room Finishes: NA

Furnishings and Equipment: Shelving, layout tables and counters

Special Storage Requirements: NA

Other Requirements: NA

↑ TO LOADING DOCK



↑ ENTRY

SCALE: 1/8" = 1'-0"

HUMAN RESOURCES

Net Area: 1,075 nsf
Ceiling Height: TBD
Number of Occupants: 4

Adjacency Requirements: Close to Service Desk

Special System Requirements: NA

Acoustical Criteria: Standard

Lighting Criteria: Standard

Audio-Visual Criteria: Standard

Mechanical Criteria: Standard

Plumbing Criteria: NA

Power Criteria: Standard

Data and Communication Criteria: Standard

Security Requirements: Standard

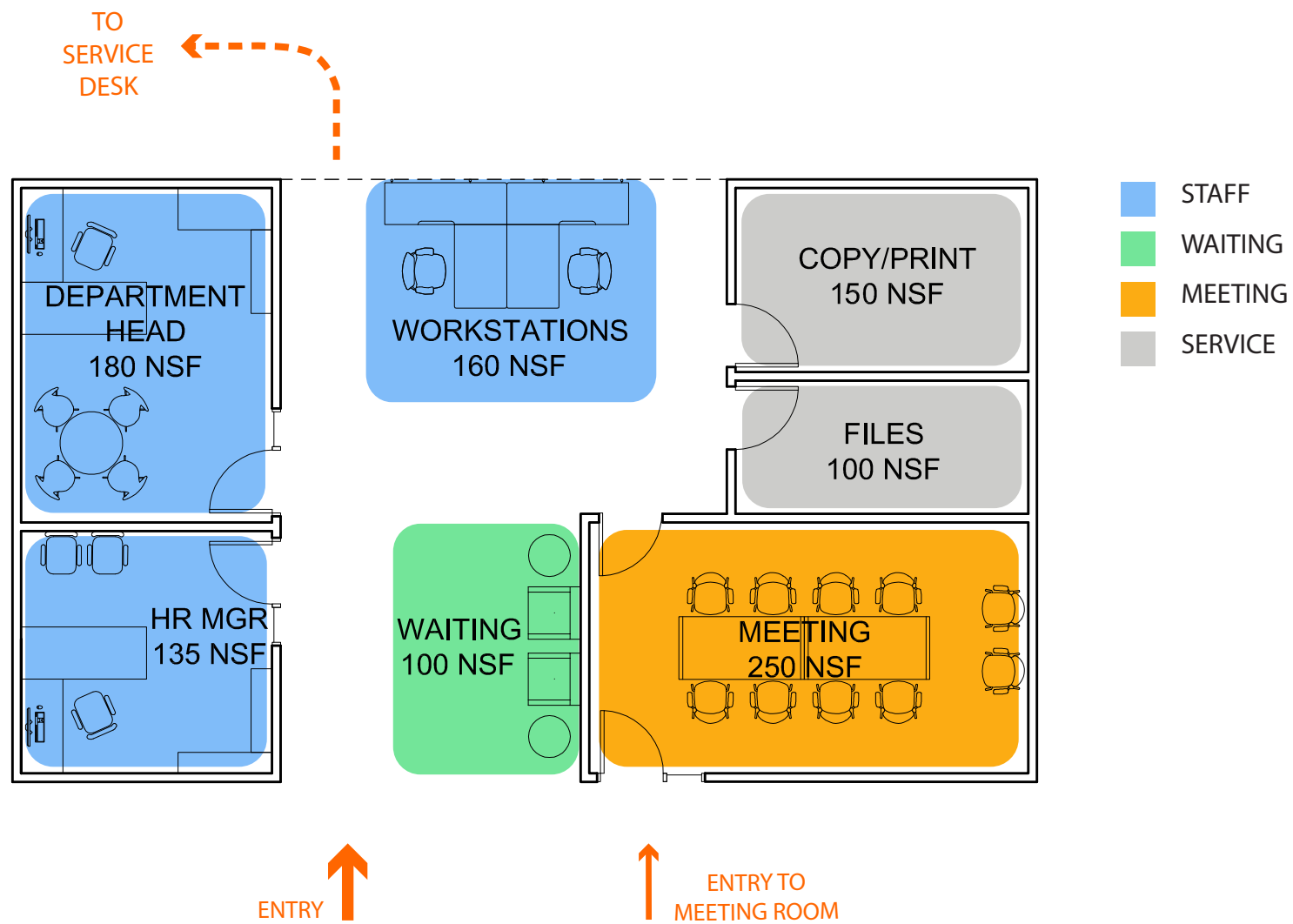
Room Finishes: NA

Furnishings and Equipment: Meeting table for 6;

Active files and (6) lateral files in file room

Special Storage Requirements: NA

Other Requirements: NA

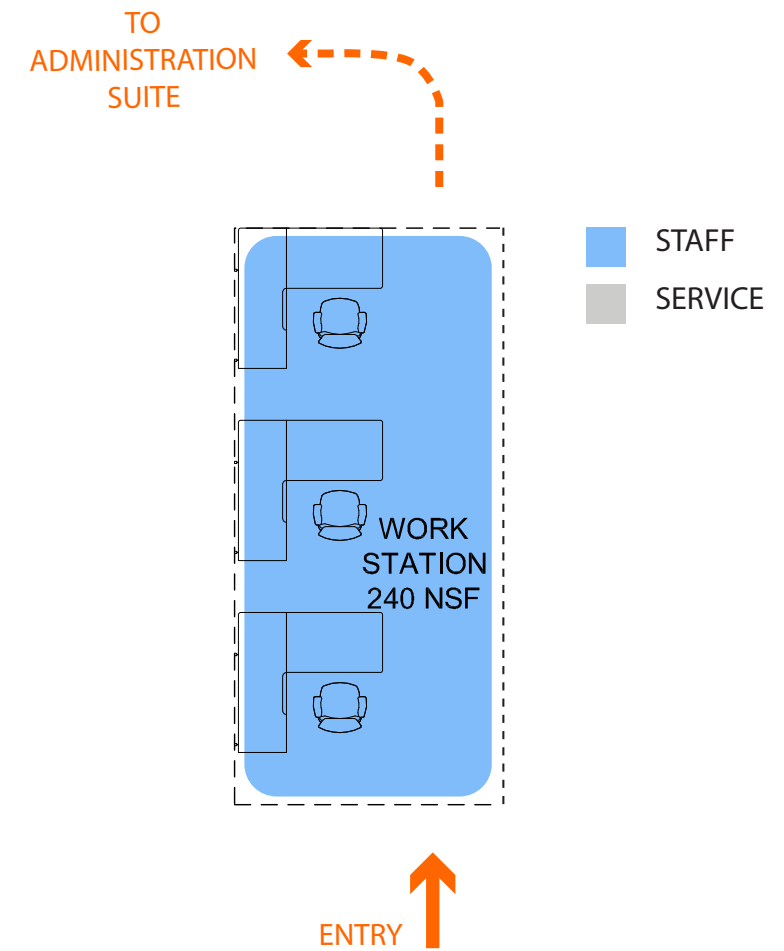


SCALE: 1/8" = 1'-0"

PUBLIC RELATIONS WORKROOM

Net Area: 240 nsf
Ceiling Height: TBD
Number of Occupants: 3

Adjacency Requirements: Close to Admin Suite
Special System Requirements: NA
Acoustical Criteria: Standard
Lighting Criteria: Standard
Audio-Visual Criteria: Standard
Mechanical Criteria: Dedicated ventilation for spary adhesive work
Plumbing Criteria: NA
Power Criteria: Standard
Data and Communication Criteria: Standard
Security Requirements: Standard
Room Finishes: NA
Furnishings and Equipment: Computer desks and work desks in work area; Large format printer to be located in adjacent suite (i.e. Admin Suite)
Special Storage Requirements: NA
Other Requirements: NA

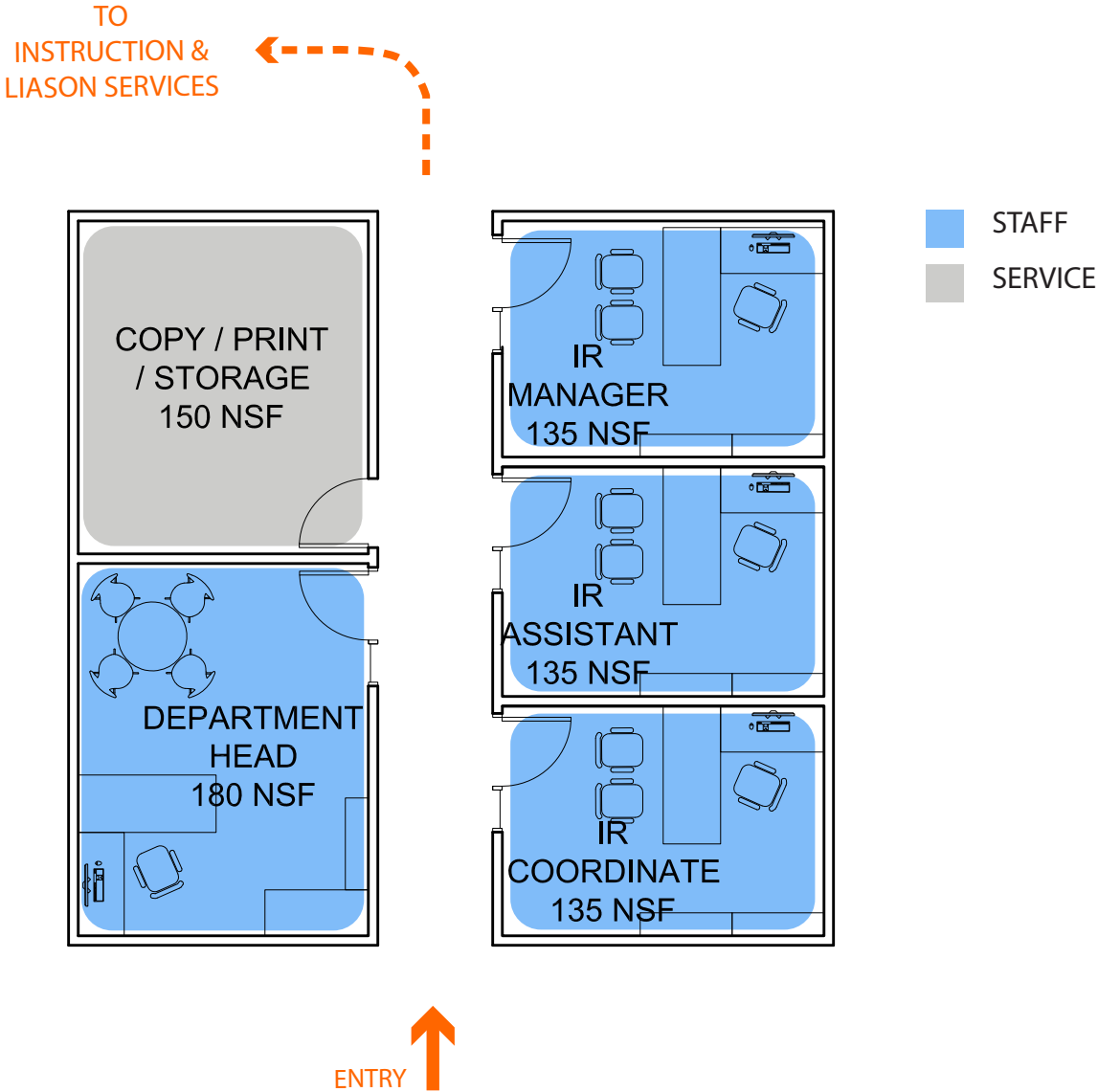


SCALE: 1/8" = 1' - 0"

OFFICE OF SCHOLARLY COMMUNICATION

Net Area: 735 nsf
Ceiling Height: TBD
Number of Occupants: 4

- Adjacency Requirements:** Close to Instruction & Liason Services
- Special System Requirements:** NA
- Acoustical Criteria:** Standard
- Lighting Criteria:** Standard
- Audio-Visual Criteria:** Standard
- Mechanical Criteria:** Standard
- Plumbing Criteria:** NA
- Power Criteria:** Standard
- Data and Communication Criteria:** Standard
- Security Requirements:** Standard
- Room Finishes:** NA
- Furnishings and Equipment:** Table and chairs
- Special Storage Requirements:** NA
- Other Requirements:** NA

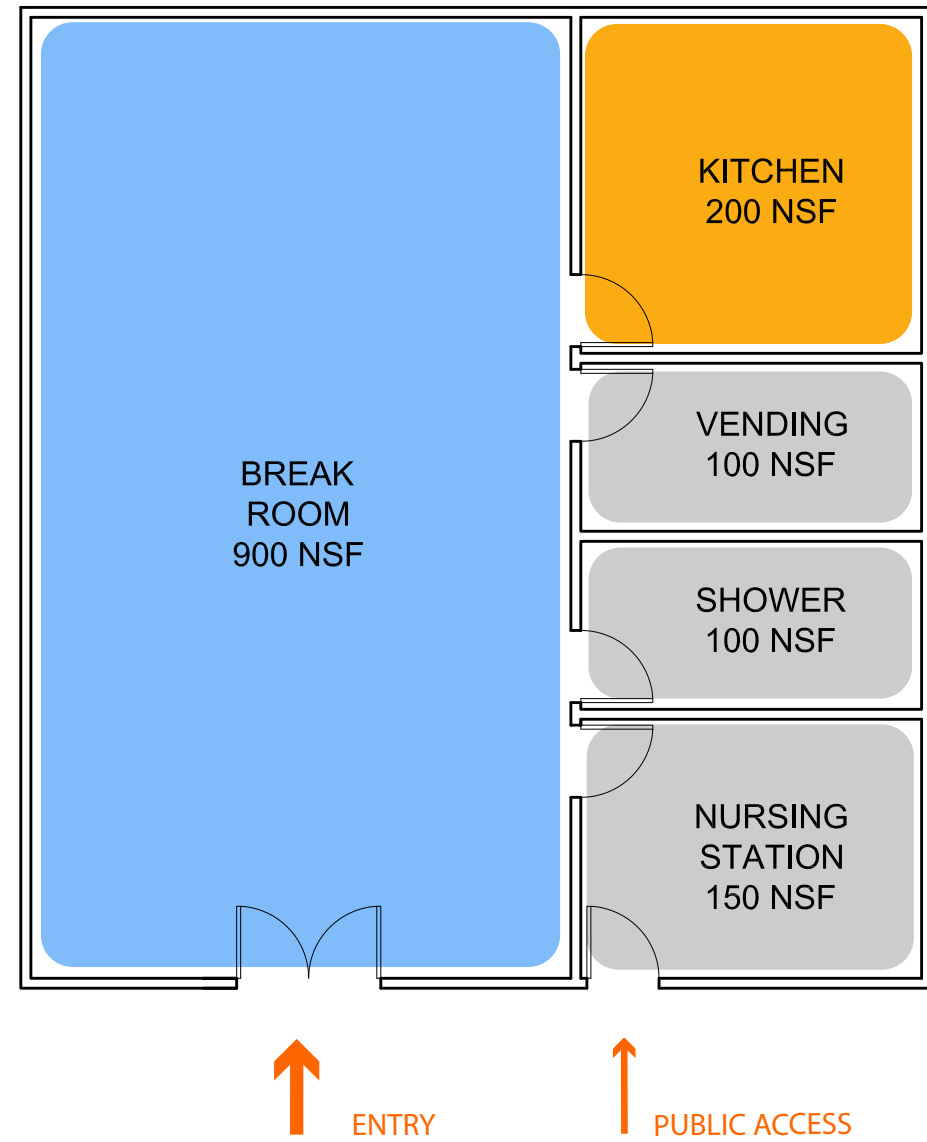


SCALE: 1/8" = 1'-0"

STAFF SUPPORT AREA

Net Area: 1,450 nsf
Ceiling Height: TBD
Number of Occupants: 0

Adjacency Requirements: NA
Special System Requirements: NA
Acoustical Criteria: Standard
Lighting Criteria: Standard
Audio-Visual Criteria: Standard
Mechanical Criteria: Standard
Plumbing Criteria: NA
Power Criteria: Standard
Data and Communication Criteria: Standard
Security Requirements: Standard
Room Finishes: NA
Furnishings and Equipment: Counter with (3) microwaves, coffee, sink, oven, double fridge, dishwasher, hot water dispenser, garbage disposal, drinking water fountain in kitchen
Special Storage Requirements: NA
Other Requirements: NA

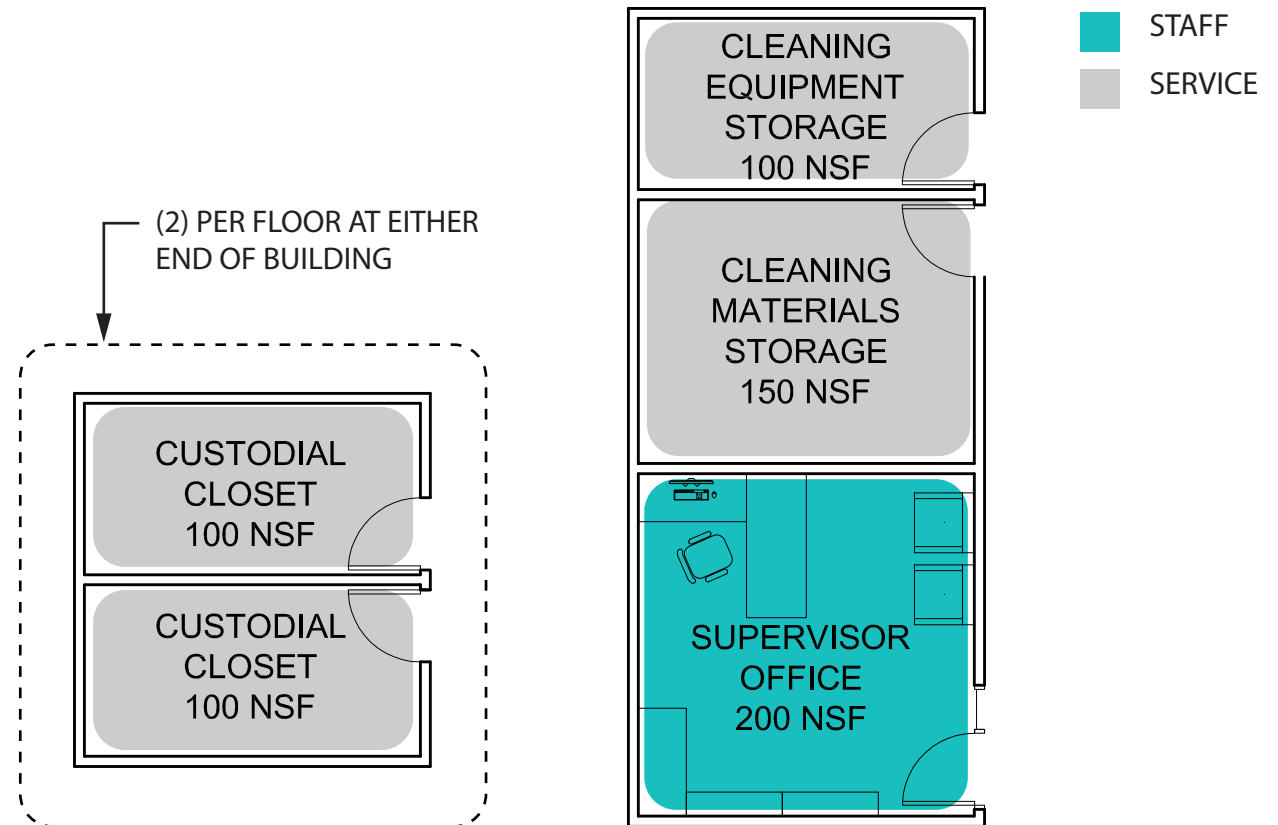


SCALE: 1/8" = 1'-0"

CUSTODIAL SERVICES

Net Area: 650 nsf
Ceiling Height: TBD
Number of Occupants: 1

Adjacency Requirements: Close to Shipping / Receiving
Special System Requirements: NA
Acoustical Criteria: Standard
Lighting Criteria: Standard
Audio-Visual Criteria: Standard
Mechanical Criteria: Standard
Plumbing Criteria: Specific to custodial space needs
Power Criteria: Standard
Data and Communication Criteria: NA
Security Requirements: NA
Room Finishes: NA
Furnishings and Equipment: TBD
Special Storage Requirements: Sink required in cleaning equipment storage
Other Requirements: NA



SCALE: 1/8" = 1'-0"

SYSTEM / WEB SERVICES

Net Area: 1,385 nsf
Ceiling Height: TBD
Number of Occupants: 7

Adjacency Requirements: System equipment room close to Shipping / Receiving, Server & Backup close to current server, all other spaces close to instruction / tech services

Special System Requirements: NA

Acoustical Criteria: Standard

Lighting Criteria: Standard

Audio-Visual Criteria: Standard

Mechanical Criteria: Independent cooling in server room

Plumbing Criteria: NA

Power Criteria: Independent power back up in server room

Data and Communication Criteria: Standard

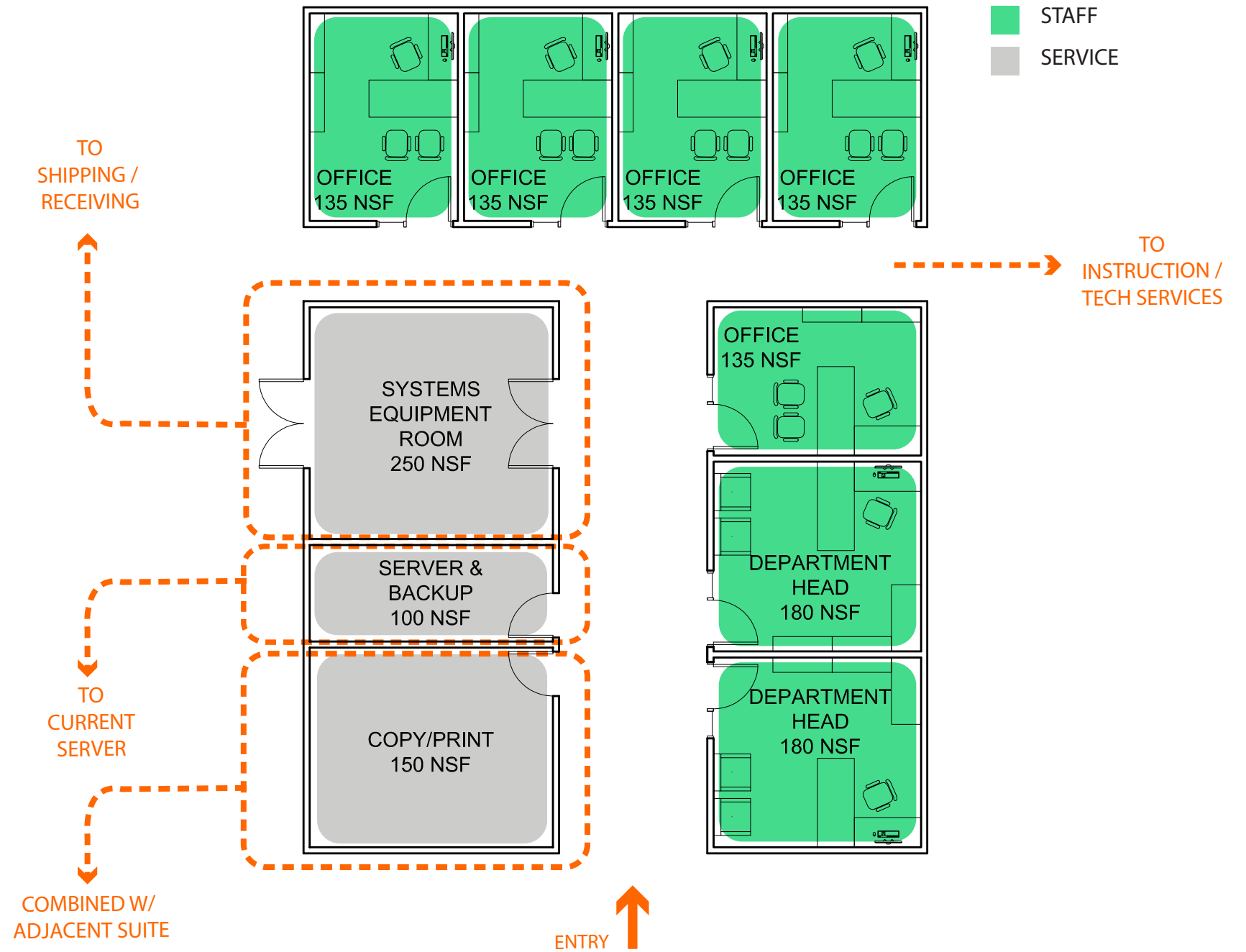
Security Requirements: Standard

Room Finishes: NA

Furnishings and Equipment: Table and chairs; Shelving and tables in equipment room

Special Storage Requirements: NA

Other Requirements: NA



SCALE: 1/8" = 1'-0"

BINDERY / PRESERVATION SHIPMENT

Net Area: 695 nsf
Ceiling Height: TBD
Number of Occupants: 3

Adjacency Requirements: Close to Shipping / Receiving

Special System Requirements: NA

Acoustical Criteria: Standard

Lighting Criteria: Standard

Audio-Visual Criteria: Standard

Mechanical Criteria: Standard

Plumbing Criteria: NA

Power Criteria: Standard

Data and Communication Criteria: Standard

Security Requirements: Standard

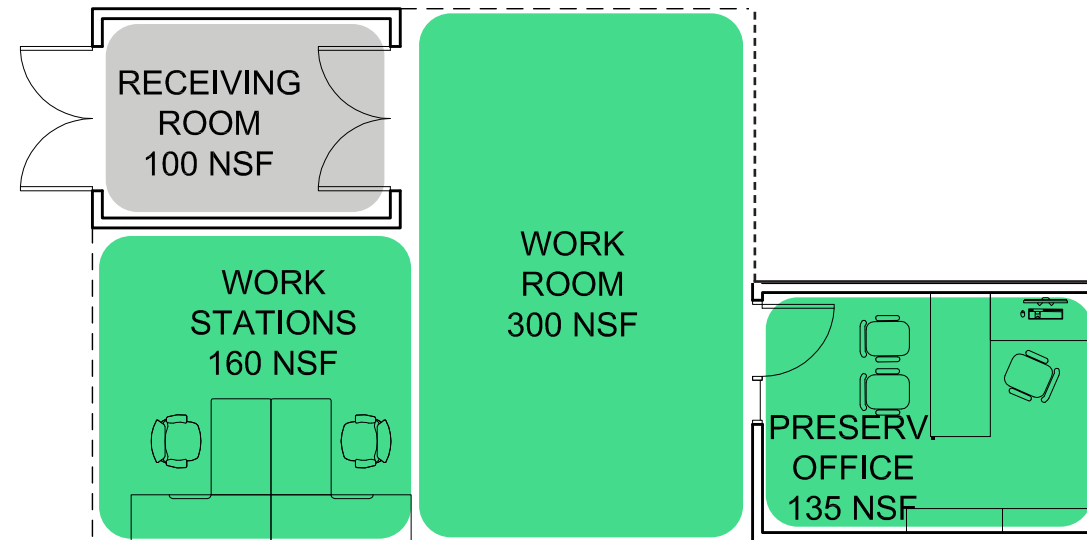
Room Finishes: NA

Furnishings and Equipment: Work table, shelving and (4) book trucks

Special Storage Requirements: NA

Other Requirements: NA

TO
SHIPPING /
RECEIVING



■ STAFF
 ■ SERVICE

ENTRY ↑

SCALE: 1/8" = 1'-0"

TECHNICAL SERVICES

Net Area: 4,095 nsf

Ceiling Height: TBD

Number of Occupants: 30

Adjacency Requirements: Close to Shipping / Receiving

Special System Requirements: NA

Acoustical Criteria: Standard

Lighting Criteria: Standard

Audio-Visual Criteria: Standard

Mechanical Criteria: Standard

Plumbing Criteria: NA

Power Criteria: Standard

Data and Communication Criteria: Standard

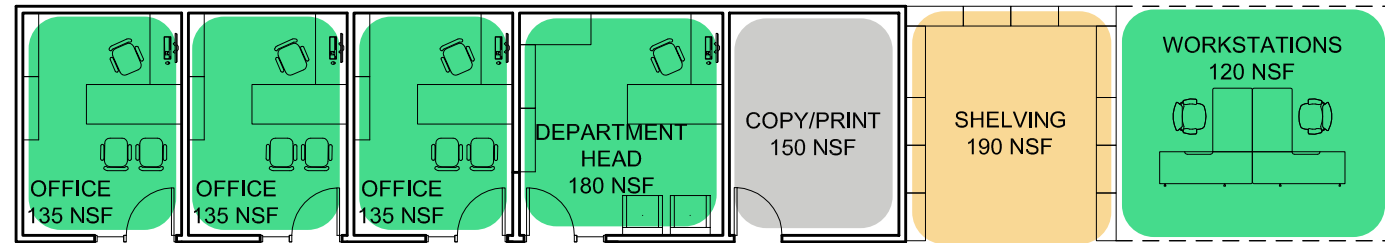
Security Requirements: Standard

Room Finishes: NA

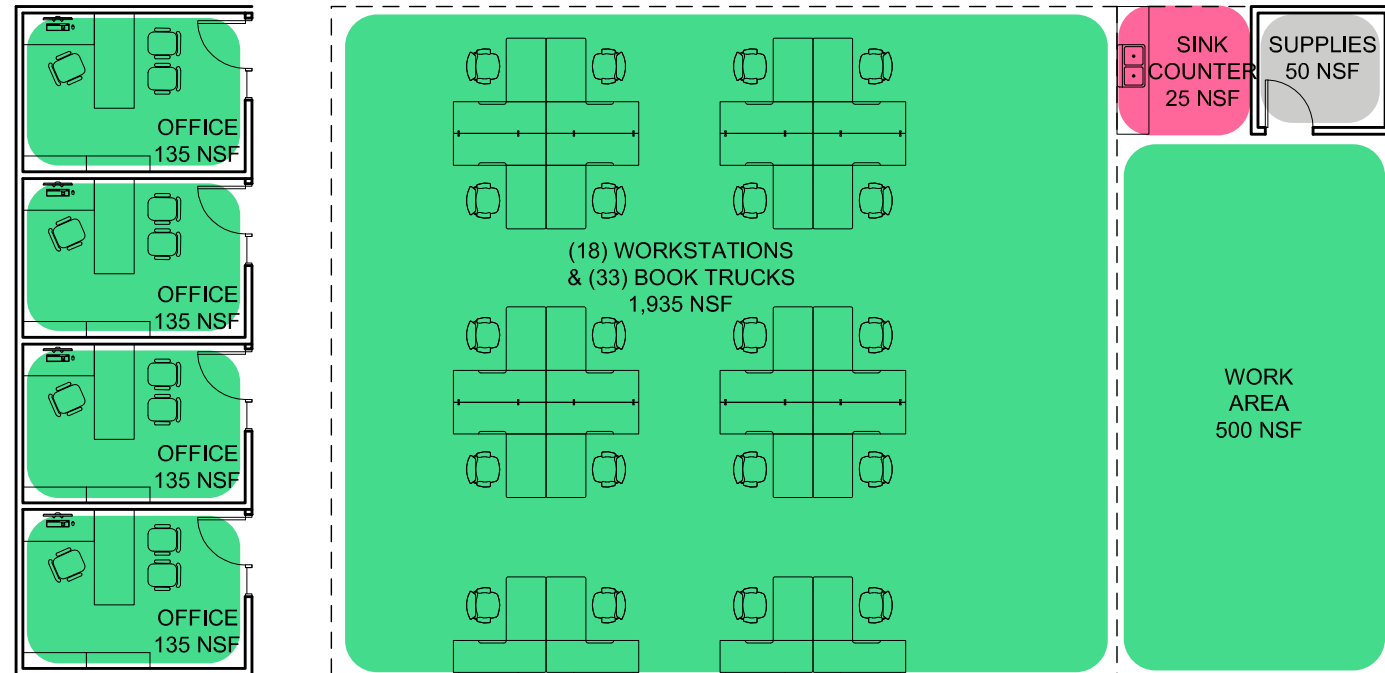
Furnishings and Equipment: (3) copiers, layout tables, fax and paper storage in copy / print room

Special Storage Requirements: Lockable cabinets

Other Requirements: NA



- STAFF
- SHELVING
- KITCHEN
- SERVICE



SCALE: 3/32" = 1' - 0"

USER SERVICES AREA

Net Area: 2,779 nsf + 360 nsf

Ceiling Height: TBD

Number of Occupants: 16

Adjacency Requirements: Close to Service Desk and Stack Management

Special System Requirements: Sidelight to staff spaces

Acoustical Criteria: Standard

Lighting Criteria: Standard

Audio-Visual Criteria: Standard

Mechanical Criteria: Standard

Plumbing Criteria: NA

Power Criteria: Standard

Data and Communication Criteria: Standard

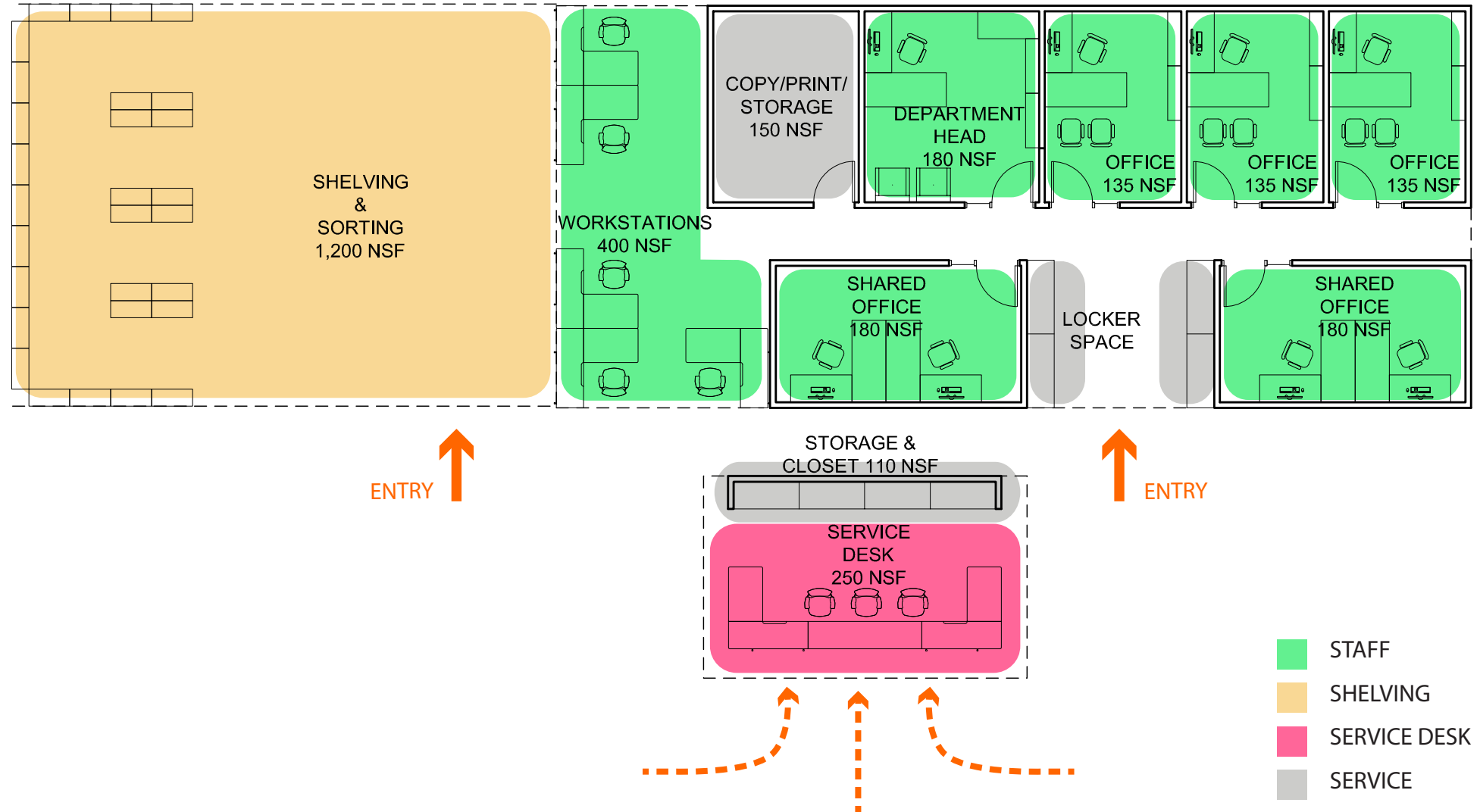
Security Requirements: Lockable door

Room Finishes: NA

Furnishings and Equipment: (6) full height lockers in locker space; (2) cabinets for laptop storage

Special Storage Requirements: Lockable storage

Other Requirements: NA



SCALE: 3/32" = 1'-0"

INTERLIBRARY LOAN / DOCUMENT DELIVERY

Net Area: 1,065 nsf
Ceiling Height: TBD
Number of Occupants: 7

Adjacency Requirements: Close to Service Desk

Special System Requirements: NA

Acoustical Criteria: Standard

Lighting Criteria: Standard

Audio-Visual Criteria: Standard

Mechanical Criteria: Standard

Plumbing Criteria: NA

Power Criteria: Standard

Data and Communication Criteria: Standard

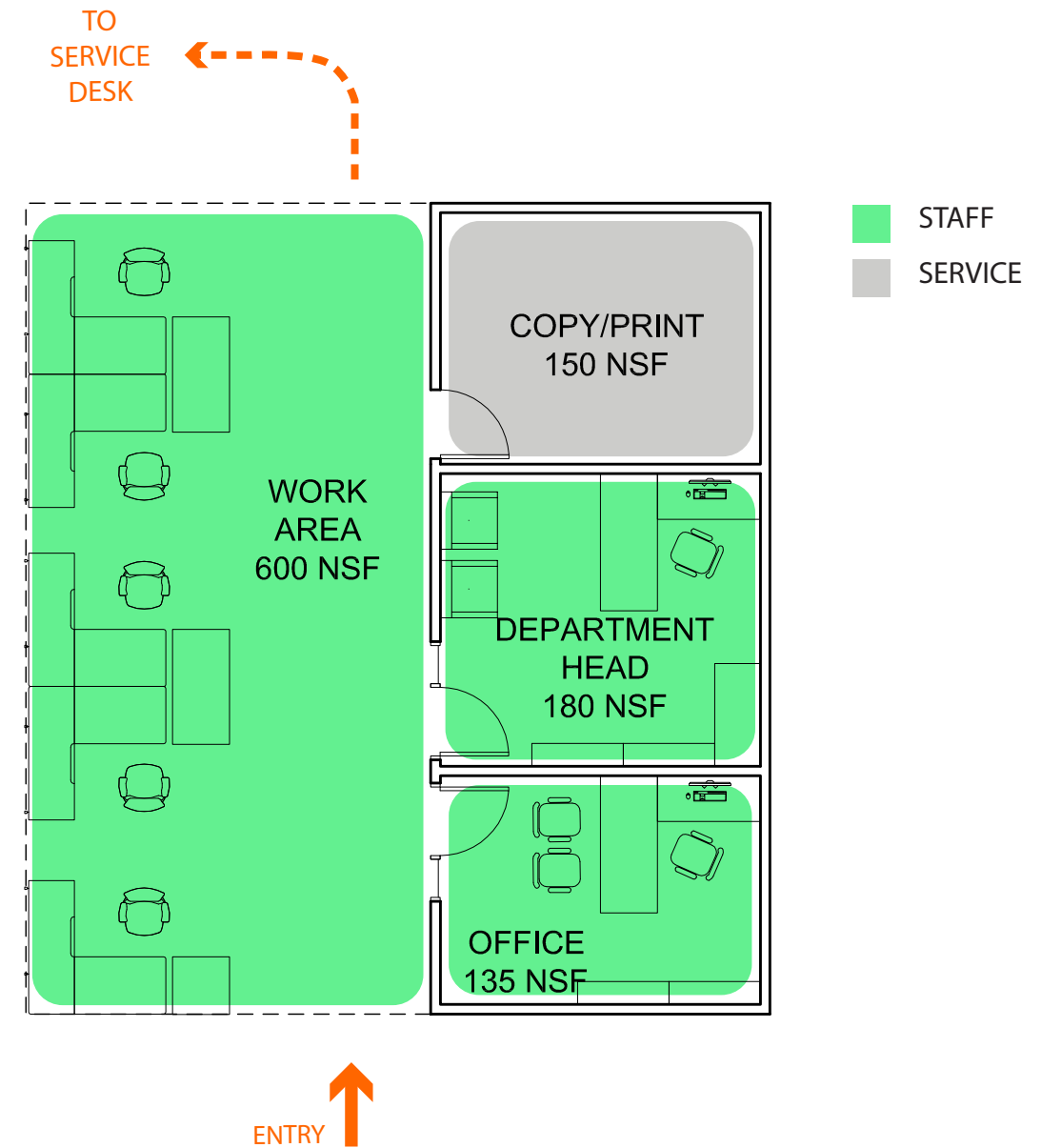
Security Requirements: Standard

Room Finishes: NA

Furnishings and Equipment: (4) Scanners, copier, shelving, book trucks, recycling, shredding

Special Storage Requirements: NA

Other Requirements: NA



SCALE: 1/8" = 1'-0"

STACKS MANAGEMENT

Net Area: 460 nsf
Ceiling Height: TBD
Number of Occupants: 2

Adjacency Requirements: Close to Service Desk and User Services

Special System Requirements: NA

Acoustical Criteria: Standard

Lighting Criteria: Standard

Audio-Visual Criteria: Standard

Mechanical Criteria: Standard

Plumbing Criteria: NA

Power Criteria: Standard

Data and Communication Criteria: Standard

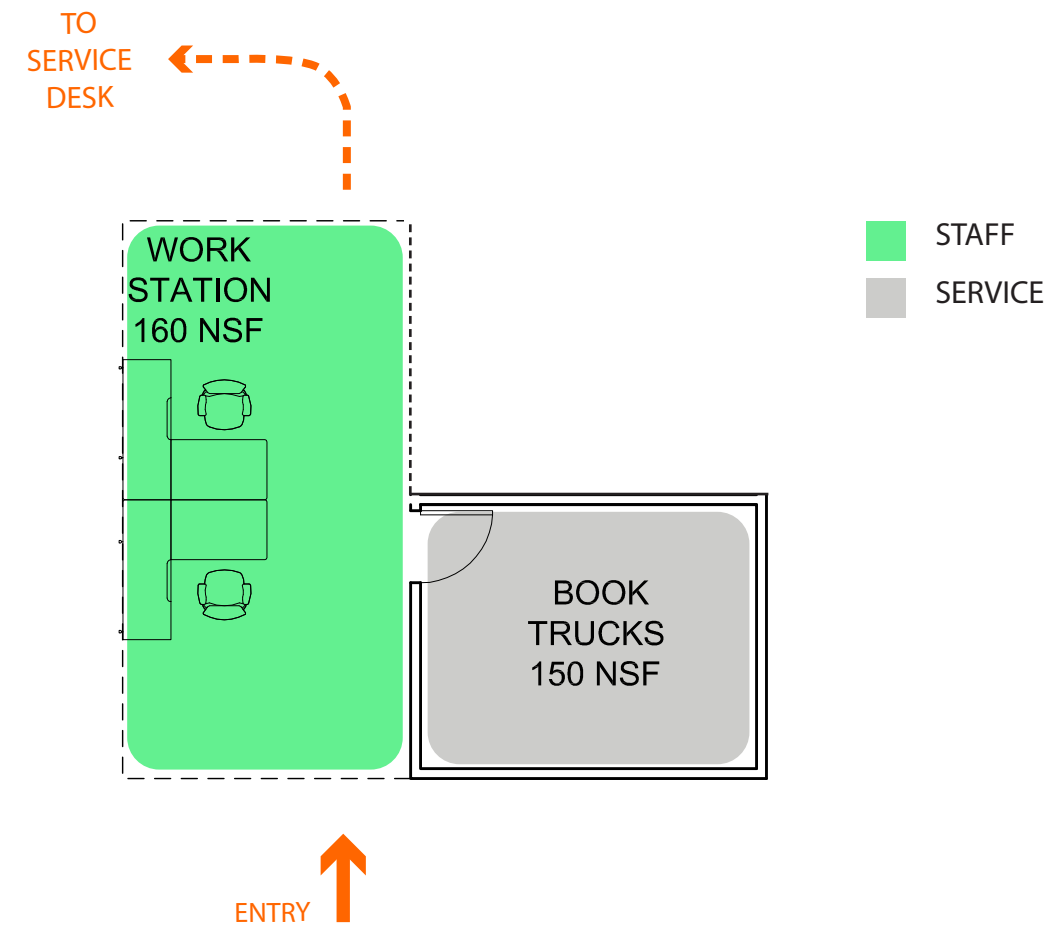
Security Requirements: Standard

Room Finishes: NA

Furnishings and Equipment: TBD

Special Storage Requirements: NA

Other Requirements: NA



SCALE: 1/8" = 1'-0"

INSTRUCTION & LIASON

Net Area: 3,330 nsf
Ceiling Height: TBD
Number of Occupants: 21

Adjacency Requirements: Close to Office of Scholarly Communication

Special System Requirements: NA

Acoustical Criteria: Standard

Lighting Criteria: Individual light controlled by each office

Audio-Visual Criteria: Standard

Mechanical Criteria: Standard

Plumbing Criteria: NA

Power Criteria: Standard

Data and Communication Criteria: Standard

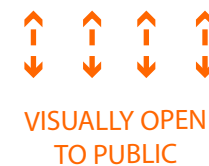
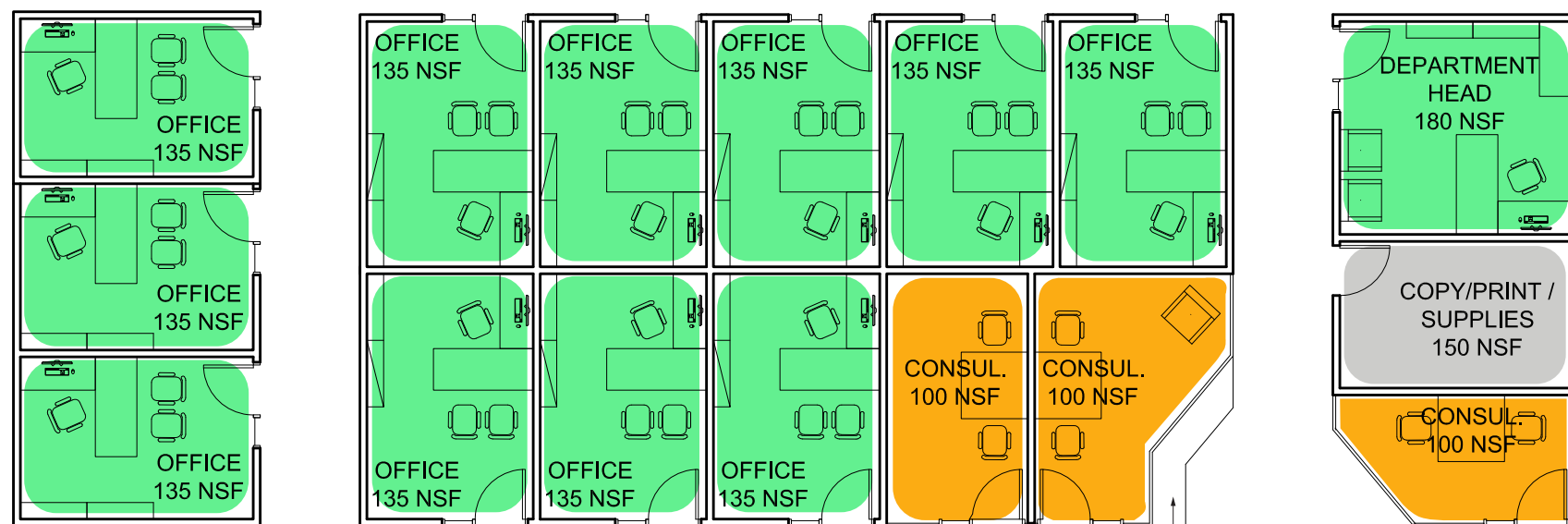
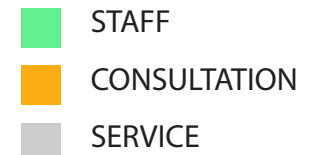
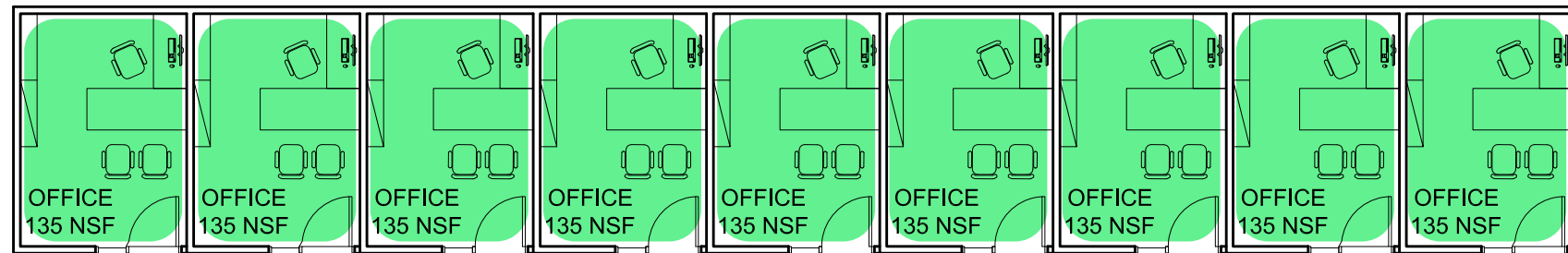
Security Requirements: Standard

Room Finishes: NA

Furnishings and Equipment: Office desks and chairs

Special Storage Requirements: NA

Other Requirements: NA

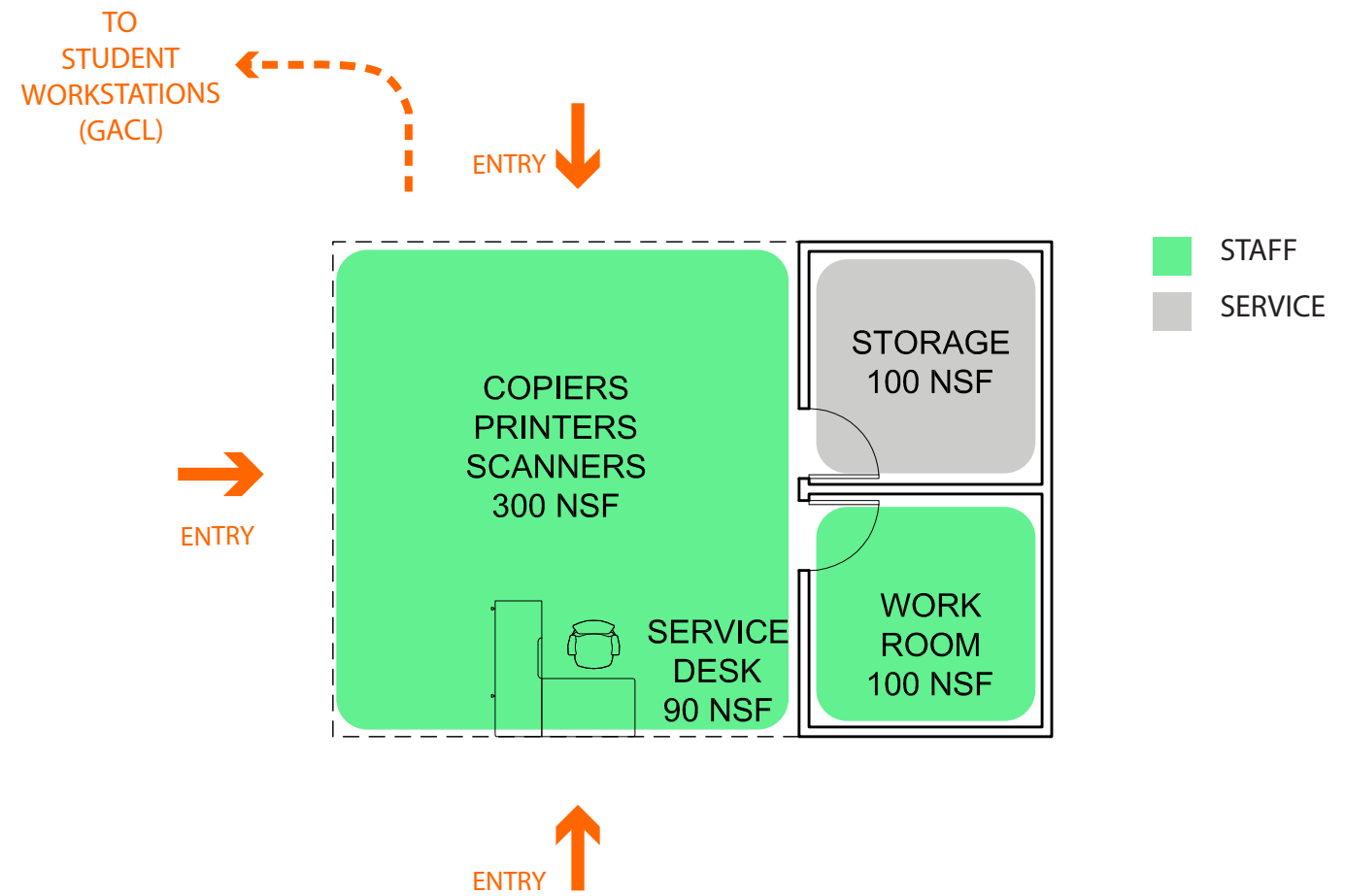


SCALE: 3/32" = 1'-0"

LAB OPERATIONS (GACL)

Net Area: 590 nsf
Ceiling Height: TBD
Number of Occupants: 1

Adjacency Requirements: Close to GACL
Special System Requirements: NA
Acoustical Criteria: Standard
Lighting Criteria: Standard
Audio-Visual Criteria: Standard
Mechanical Criteria: Standard
Plumbing Criteria: NA
Power Criteria: Standard
Data and Communication Criteria: Standard
Security Requirements: Standard
Room Finishes: NA
Furnishings and Equipment: Office desks and chairs
Special Storage Requirements: NA
Other Requirements: NA



SCALE: 1/8" = 1'-0"

PERFORMING ARTS & MEDIA

Net Area: 450 nsf
Ceiling Height: TBD
Number of Occupants: 1

Adjacency Requirements: Close to Special Collections

Special System Requirements: NA

Acoustical Criteria: Standard

Lighting Criteria: Standard

Audio-Visual Criteria: Specific to AV needs

Mechanical Criteria: Standard

Plumbing Criteria: NA

Power Criteria: Standard

Data and Communication Criteria: Specific to AV needs

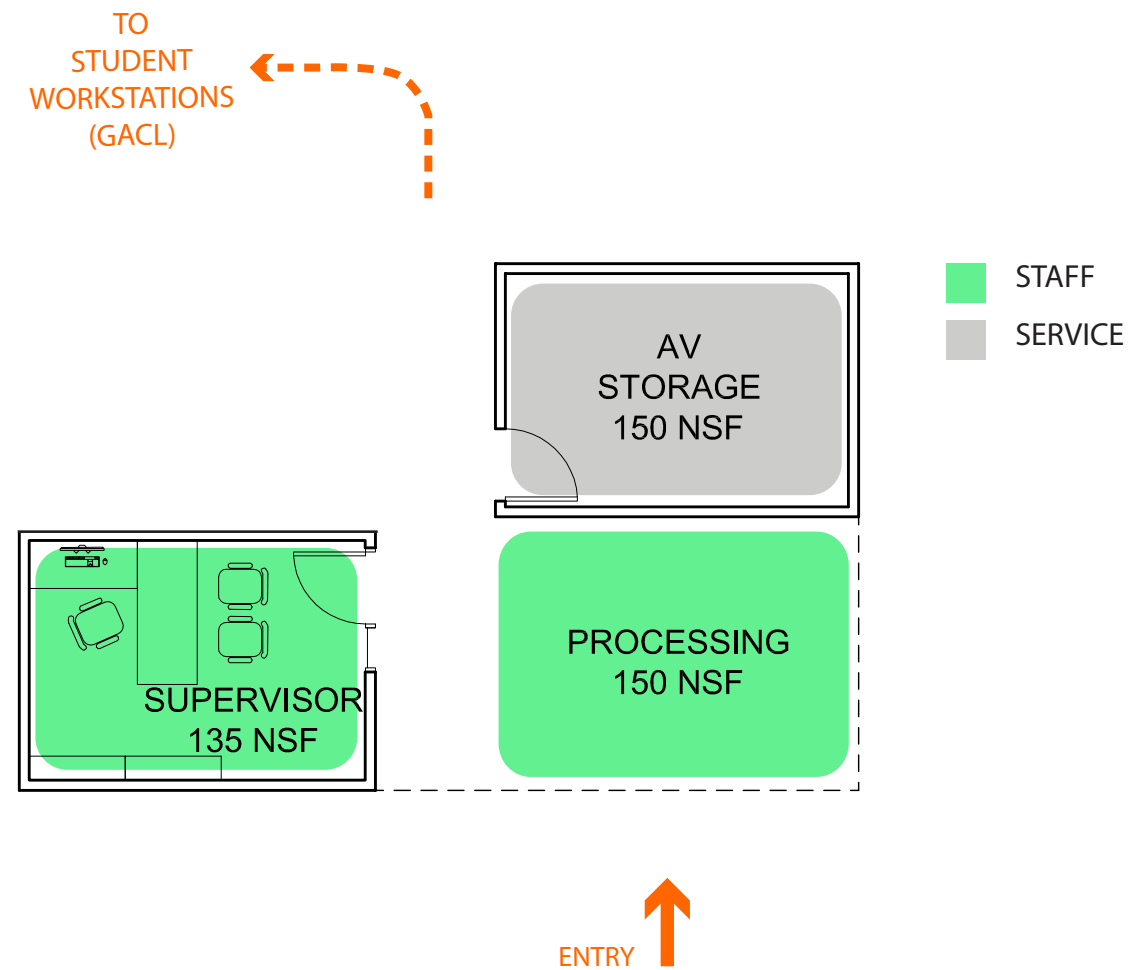
Security Requirements: Standard

Room Finishes: NA

Furnishings and Equipment: Large table for video players

Special Storage Requirements: Shelving located at service desk

Other Requirements: NA



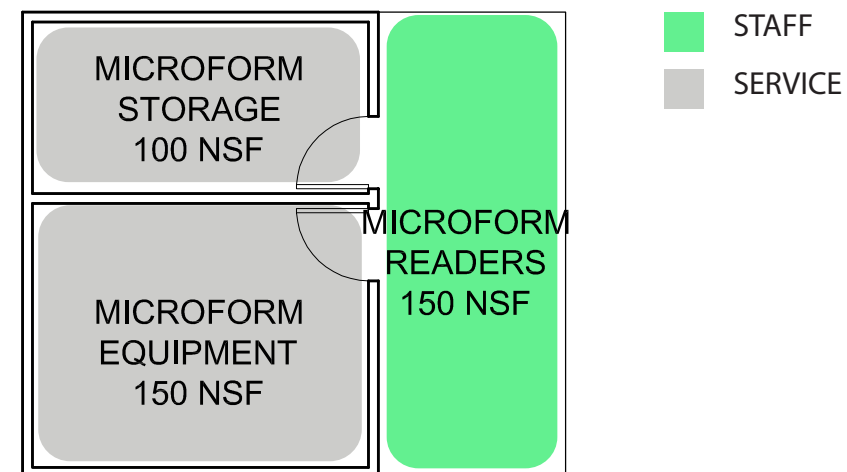
- PAM SHELVING LOCATED AT SERVICE DESK

SCALE: 1/8" = 1' - 0"

MICROFORMS

Net Area: 400 nsf
Ceiling Height: TBD
Number of Occupants: 0

Adjacency Requirements: NA
Special System Requirements: NA
Acoustical Criteria: Standard
Lighting Criteria: Lower - lighting
Audio-Visual Criteria: Standard
Mechanical Criteria: Standard
Plumbing Criteria: NA
Power Criteria: Standard
Data and Communication Criteria: Network connections for readers
Security Requirements: Standard
Room Finishes: NA
Furnishings and Equipment: (3) new multi-format machines
Special Storage Requirements: NA
Other Requirements: NA

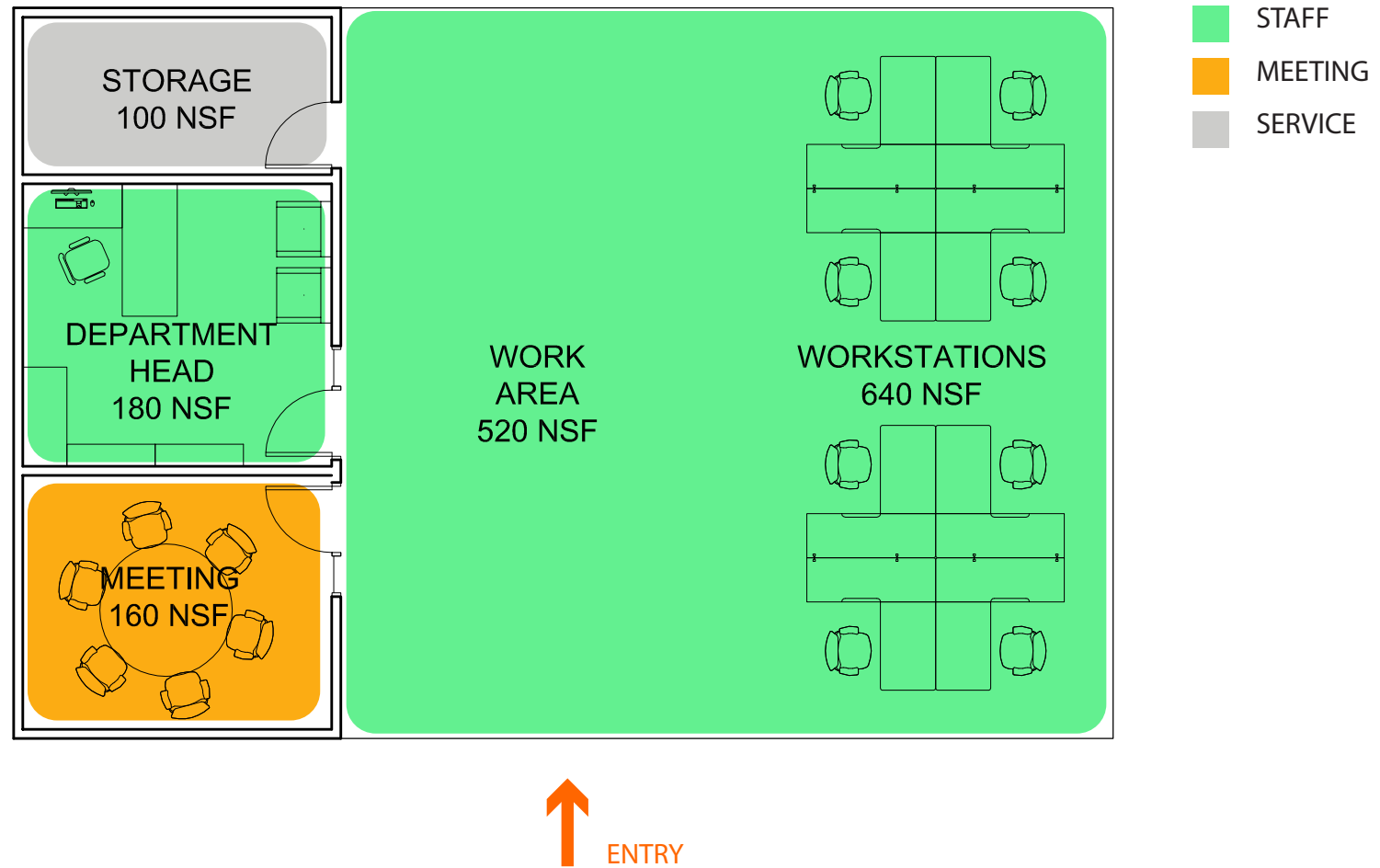


SCALE: 1/8" = 1'-0"

DIGITAL SERVICES

Net Area: 1,600 nsf
Ceiling Height: TBD
Number of Occupants: 9

- Adjacency Requirements:** Close to Special Collections
- Special System Requirements:** NA
- Acoustical Criteria:** NA
- Lighting Criteria:** Dimmable lights
- Audio-Visual Criteria:** Standard
- Mechanical Criteria:** Controlled humidity
- Plumbing Criteria:** NA
- Power Criteria:** Specific to equipment needs
- Data and Communication Criteria:** Specific to equipment needs
- Security Requirements:** Standard
- Room Finishes:** NA
- Furnishings and Equipment:** Office desks and chairs; Work tables
- Special Storage Requirements:** NA
- Other Requirements:** NA



SCALE: 1/8" = 1' - 0"

SPECIAL COLLECTIONS

Net Area: 9,635 nsf
Ceiling Height: TBD
Number of Occupants: 12

Adjacency Requirements: Close to Shipping / Receiving, Digital Services

Special System Requirements: Occupancy sensor

Acoustical Criteria: Standard

Lighting Criteria: Special lighting for exhibits

Audio-Visual Criteria: Document camera for classroom

Mechanical Criteria: Special requirements for collections

Plumbing Criteria: NA

Power Criteria: Standard

Data and Communication Criteria: Standard

Security Requirements: camera surveillance

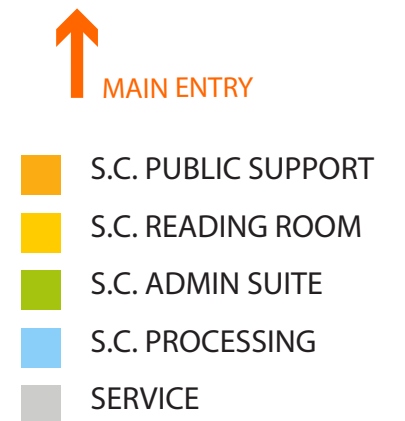
Room Finishes: NA

Furnishings and Equipment: Classroom: flexible tables & seating for (30) people; Reading room: Seats for 20-25 at tables, including 2 large tables for architectural drawings, perimeter display cases; Processing: (5) standard work stations and (2) larger workstations, several processing tables

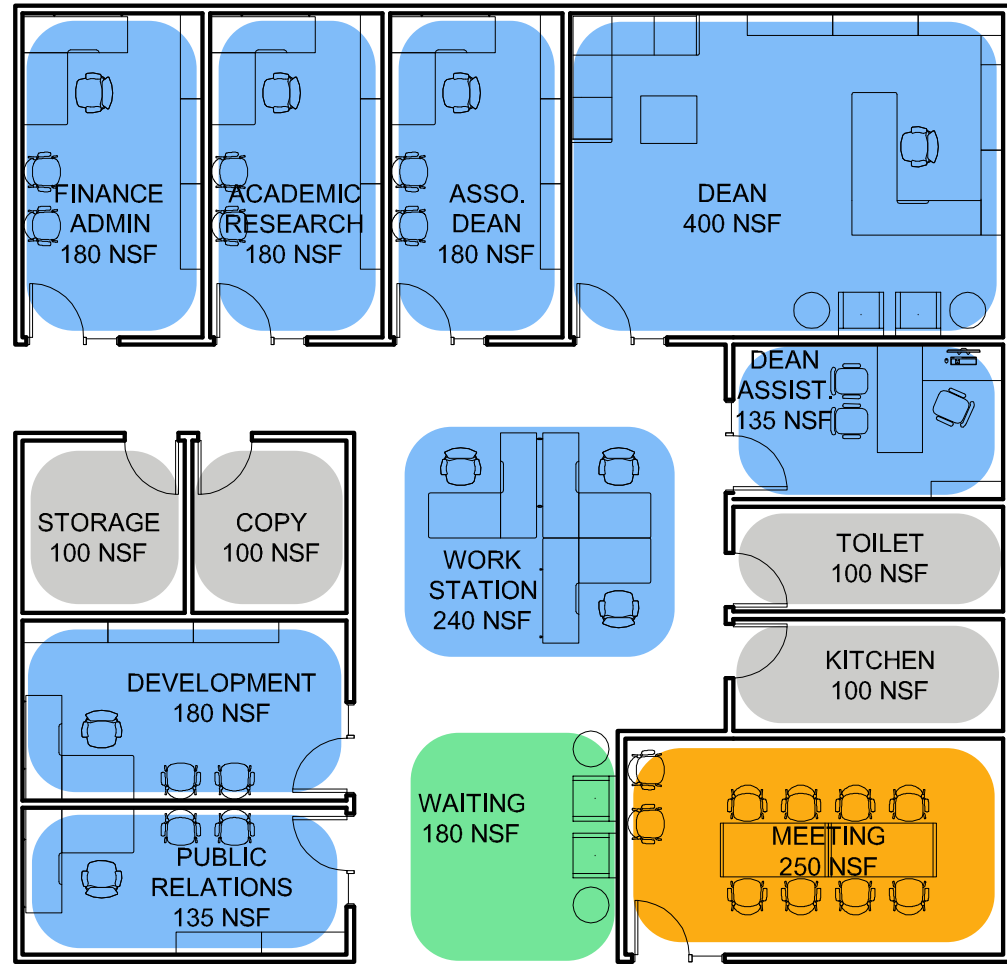
(6' x 4'), shelving, book truck

Special Storage Requirements: NA

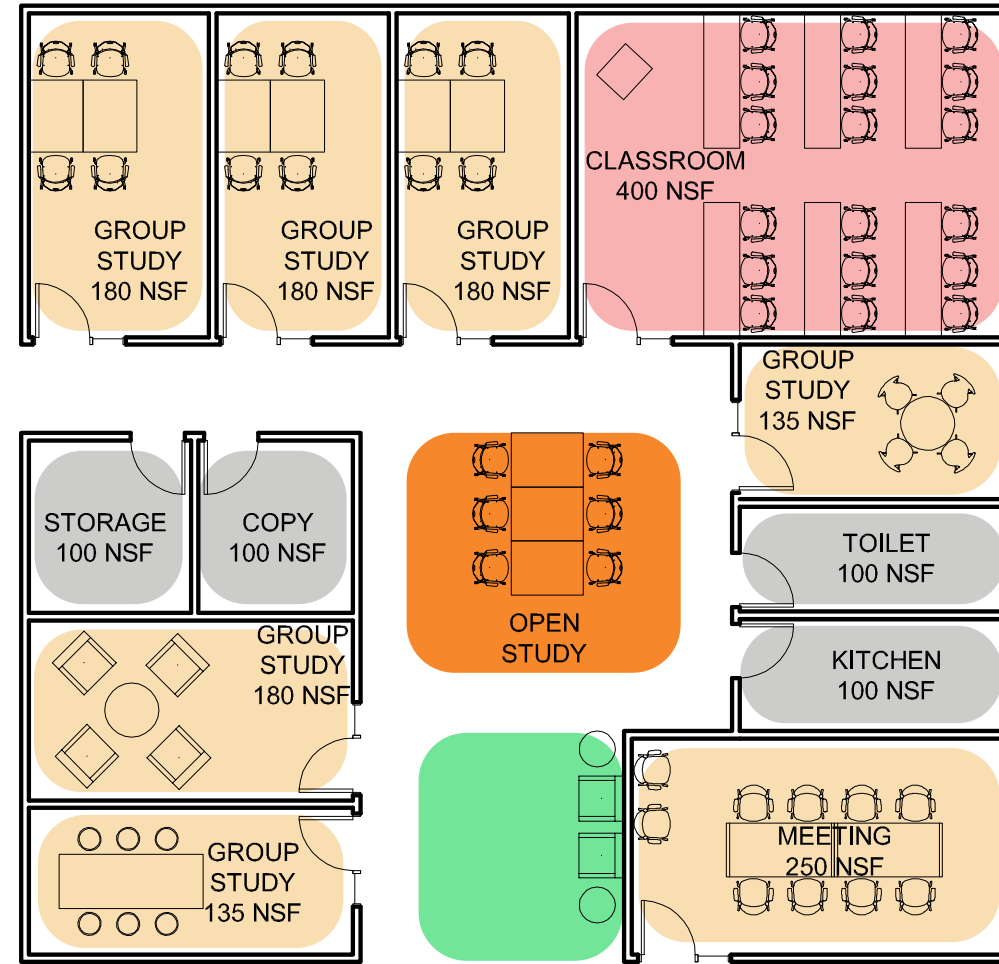
Other Requirements: NA



PHASING EXERCISE TEST - ADMINISTRATION SUITE



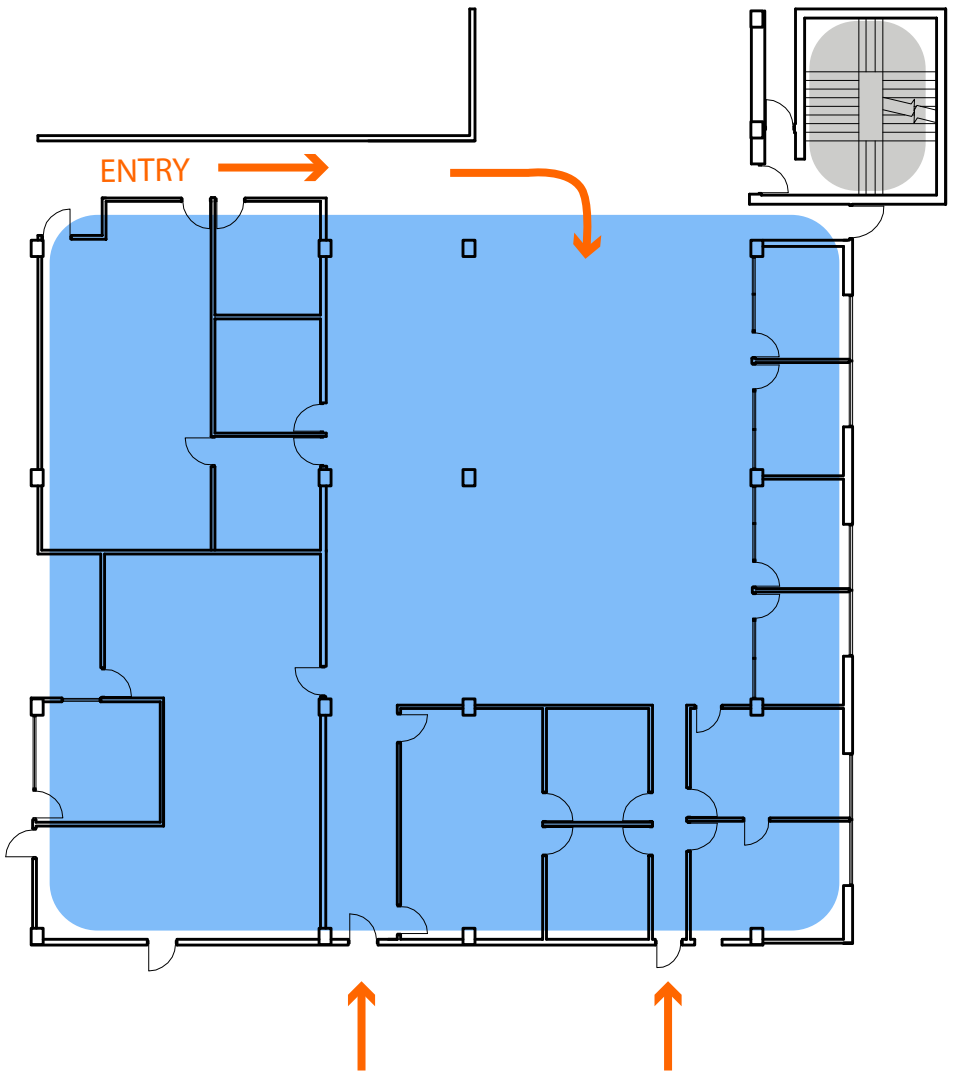
ADMIN SUITE
FUTURE LAYOUT



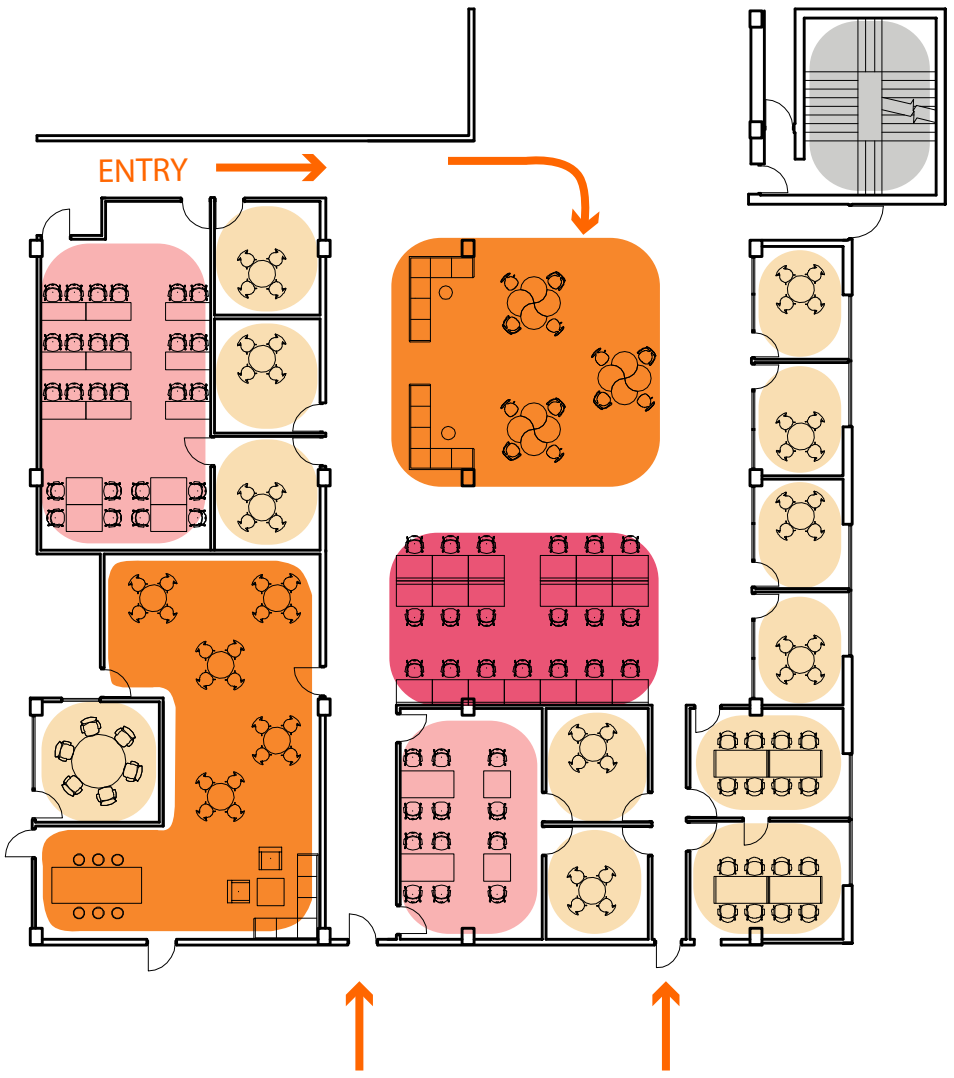
ADMIN SUITE
IMMEDIATE USE

- STAFF
- WAITING
- MEETING
- SERVICE
- CLASSROOM
- OPEN STUDY
- GROUP STUDY

PHASING EXERCISE TEST - STAFF SUITE (LEVEL 2)



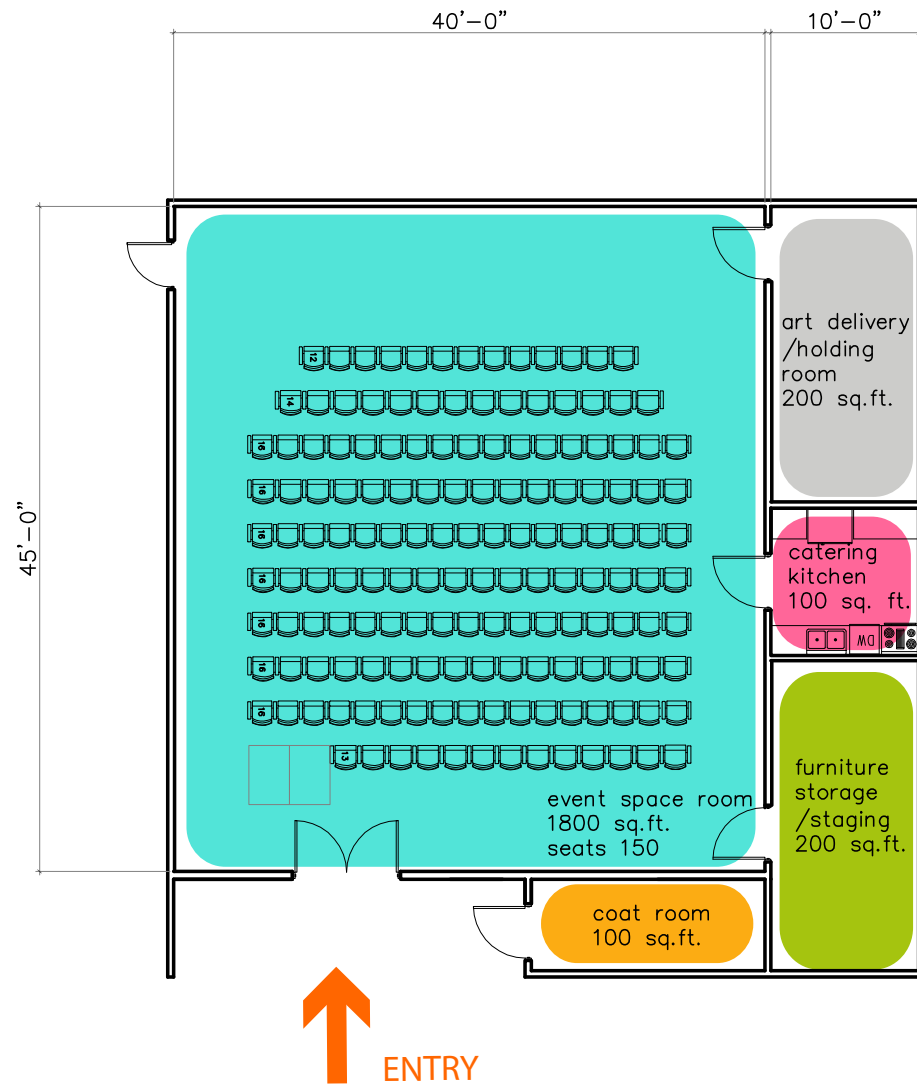
STAFF SUITE
EXISTING LAYOUT



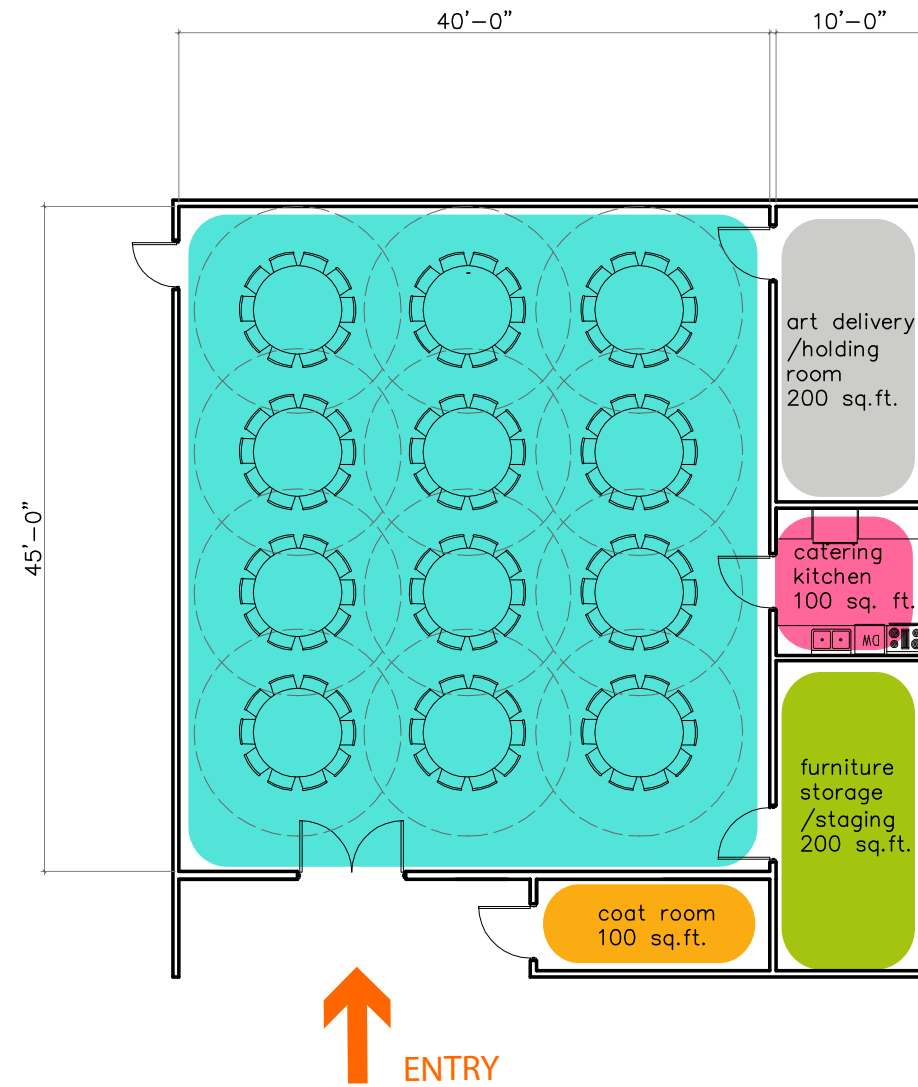
STAFF SUITE
TEMPORARY REUSE

- STAFF
- SERVICE
- CARREL
- CLASSROOM
- OPEN STUDY
- GROUP STUDY

EVENTS ROOM OPERATIONS

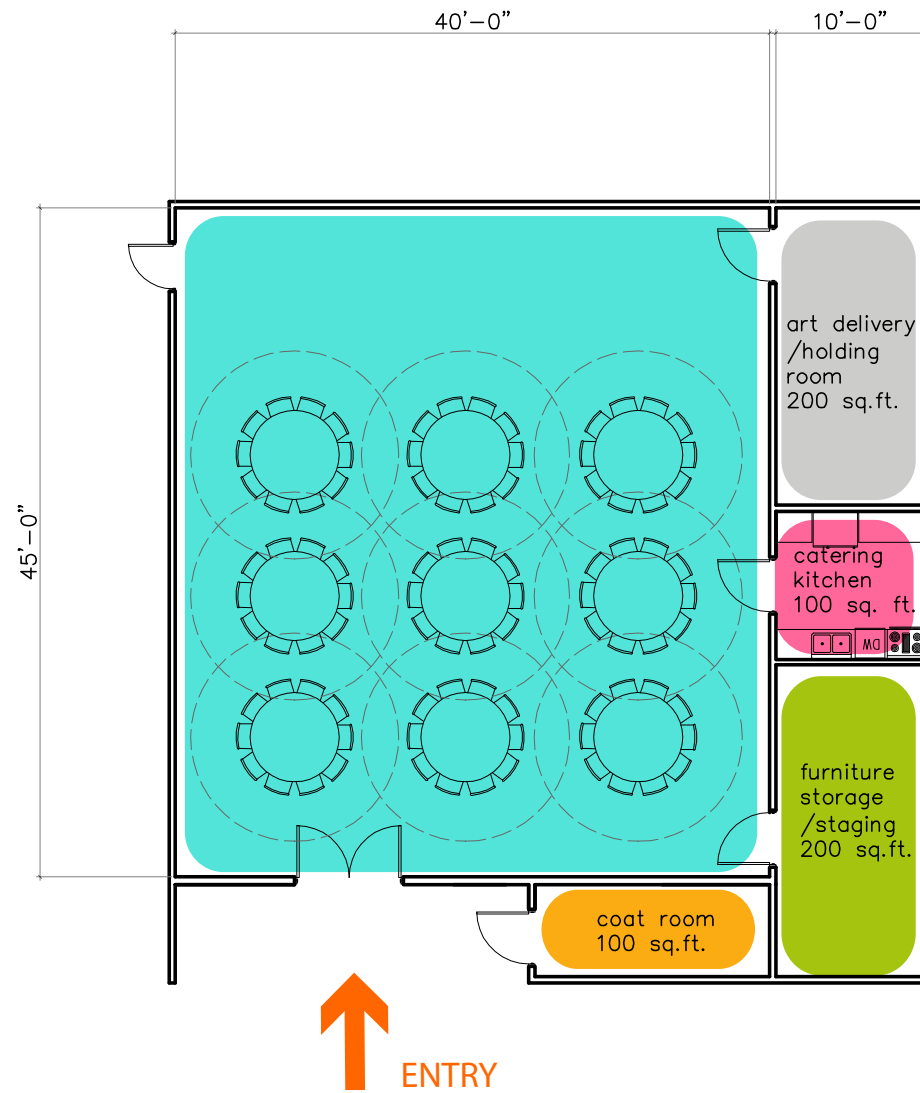


150 SEATS IN ROW



120 SEATS AT TABLE
(FULL ROOM)

EVENTS ROOM OPERATIONS



- EVENT SPACE
- ART DELIVERY / HOLDING
- CATERING
- COAT ROOM
- FURNITURE STORAGE

90 SEATS AT TABLE
(PRESENTATION)