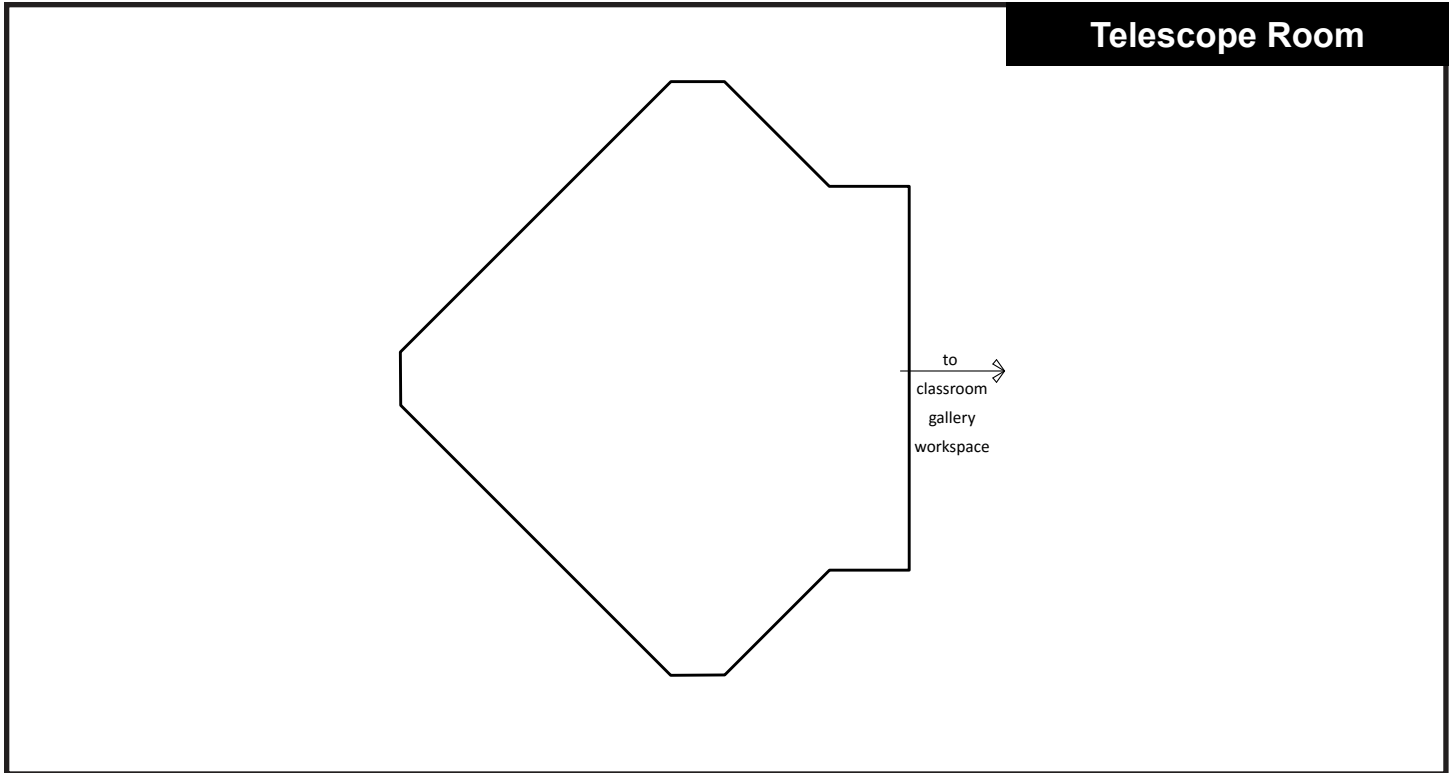
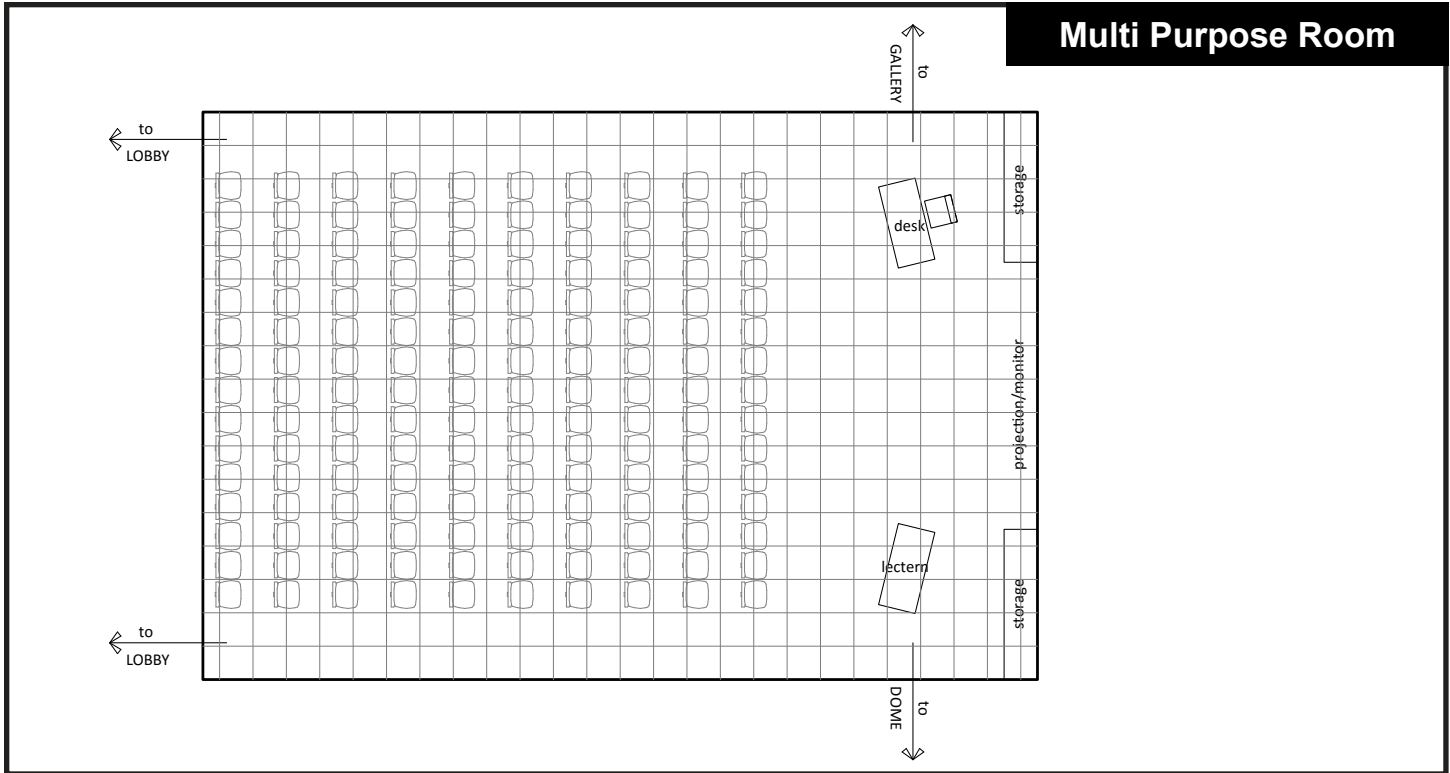


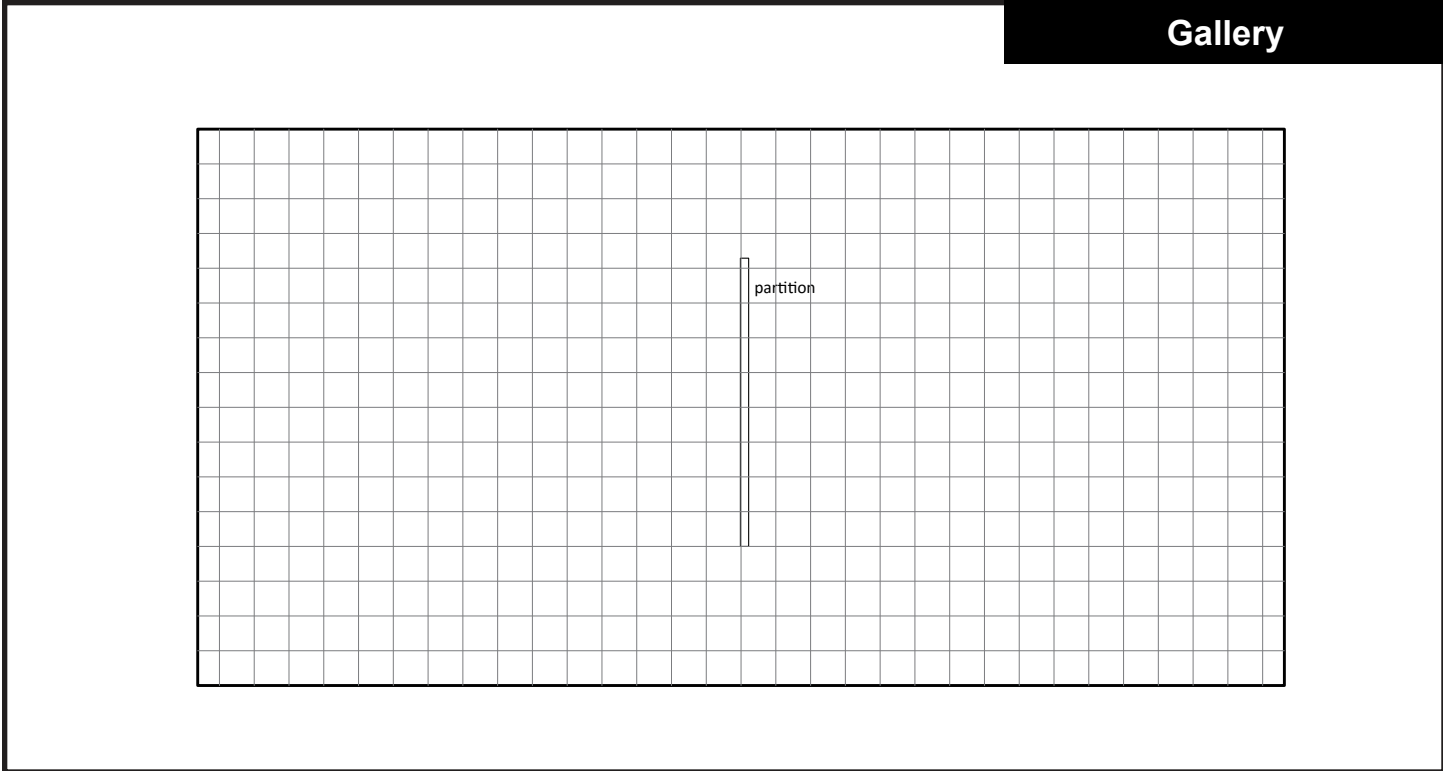
Space Requirements: Display Lobby			
ARCHITECTURAL		MECHANICAL	
Capacity	8	Heating/ Cooling	zoned mini-split heat pump
Min. Area	250 nsf	Ventilation	naturally ventilated
Adjacencies/ Location	grounds, gallery, telescope room, multi	Plumbing	
Floor	walk off mats	Special	
Walls		ELECTRICAL	
Ceiling		Power	
Doors		Lighting	
Room Accessories		Data	
Acoustical		Comm.	
Fixed Equipment		Special	
Special Requirements			



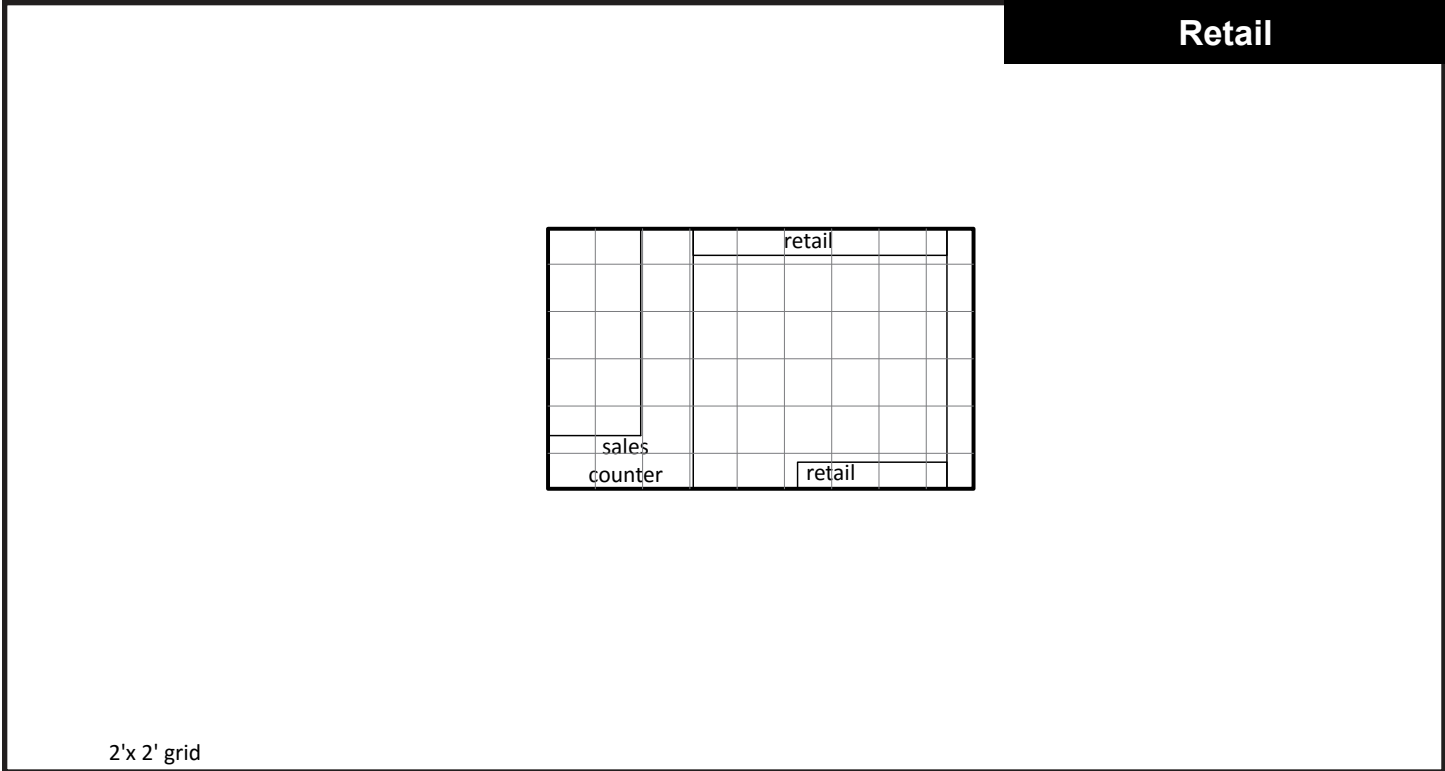
Space Requirements: Telescope Room			
ARCHITECTURAL		MECHANICAL	
Capacity	130	Heating/ Cooling	unheated
Min. Area	665 nsf	Ventilation	
Adjacencies/ Location	grounds, staff, gallery, multipurpose	Plumbing	
Floor		Special	
Walls		ELECTRICAL	
Ceiling		Power	
Doors		Lighting	
Room Accessories		Data	
Acoustical		Comm.	
Fixed Equipment		Special	
Special Requirements			



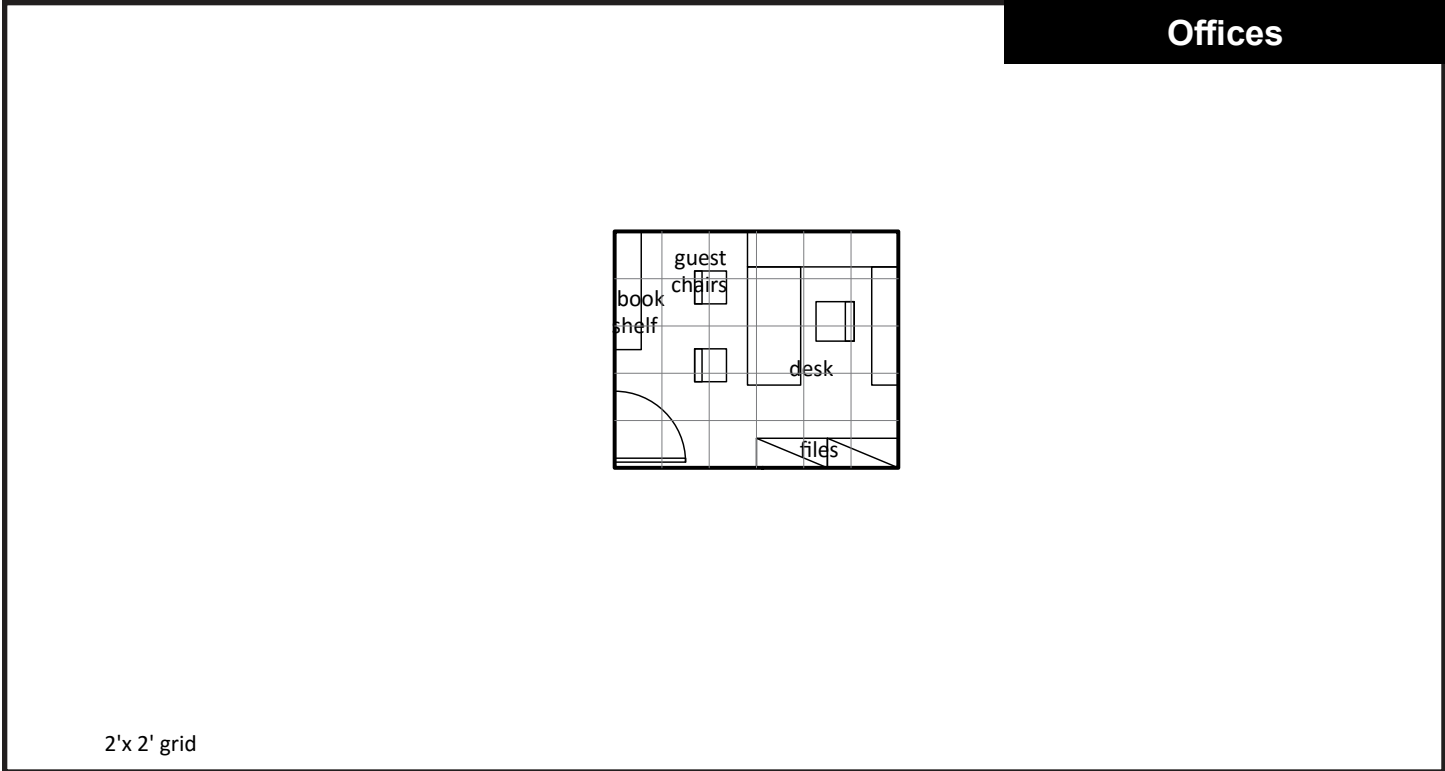
Space Requirements: Multi Purpose Room			
ARCHITECTURAL		MECHANICAL	
Capacity	150 max.	Heating/ Cooling	zoned mini-split heat pump
Min. Area	1700 nsf	Ventilation	naturally ventilated
Adjacencies/ Location	display lobby, gallery, telescope room	Plumbing	
Floor		Special	
Walls		ELECTRICAL	
Ceiling		Power	
Doors		Lighting	
Room Accessories	lectern, desk	Data	
Acoustical	requires acoustical control	Comm.	
Fixed Equipment	projector or OLED display, storage	Special	
Special Requirements	potential for half dome		



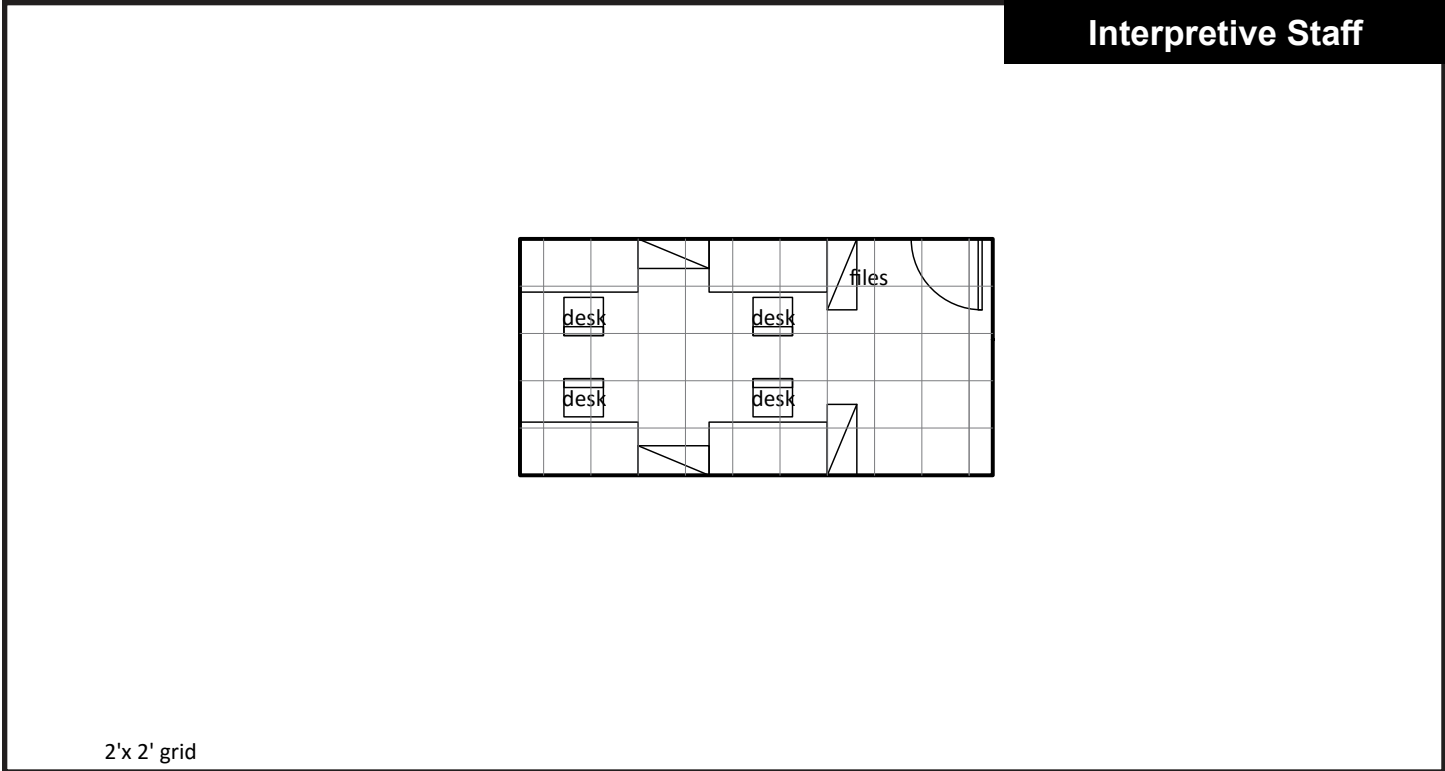
Space Requirements: Gallery			
ARCHITECTURAL		MECHANICAL	
Capacity	30 visitors	Heating/ Cooling	zoned mini-split heat pump
Min. Area	1500-2000 nsf	Ventilation	naturally ventilated
Adjacencies/ Location	multi purpose room, telescope room,	Plumbing	
Floor		Special	
Walls		ELECTRICAL	
Ceiling		Power	
Doors		Lighting	
Room Accessories		Data	
Acoustical	requires acoustical control	Comm.	
Fixed Equipment		Special	
Special Requirements	room divider or multiple galleries		



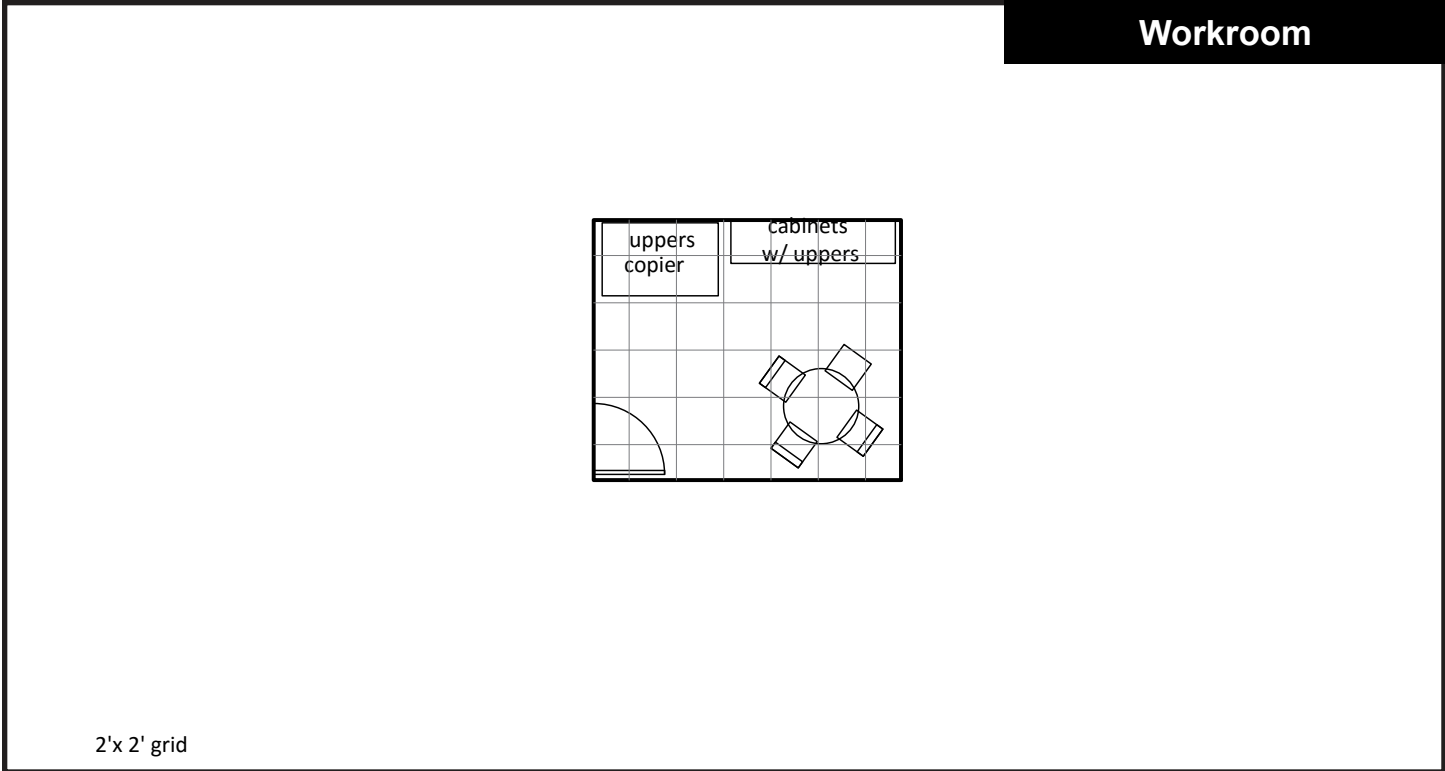
Space Requirements: Retail			
ARCHITECTURAL		MECHANICAL	
Capacity	1 staff, 2-4 visitors	Heating/ Cooling	zoned mini-split heat pump
Min. Area	200 nsf	Ventilation	naturally ventilated
Adjacencies/ Location	telescope room, display lobby, staff	Plumbing	
Floor		Special	
Walls		ELECTRICAL	
Ceiling		Power	
Doors		Lighting	
Room Accessories	retail cabinets	Data	
Acoustical		Comm.	
Fixed Equipment	sales counter, storage	Special	
Special Requirements			



Space Requirements: Offices			
ARCHITECTURAL		MECHANICAL	
Capacity	1 desk + 1-2 guest	Heating/ Cooling	zoned mini-split heat pump
Min. Area	120 nsf	Ventilation	naturally ventilated
Adjacencies/ Location	workroom, multi purpose room	Plumbing	
Floor		Special	
Walls		ELECTRICAL	
Ceiling		Power	
Doors		Lighting	
Room Accessories		Data	
Acoustical		Comm.	
Fixed Equipment		Special	
Special Requirements			

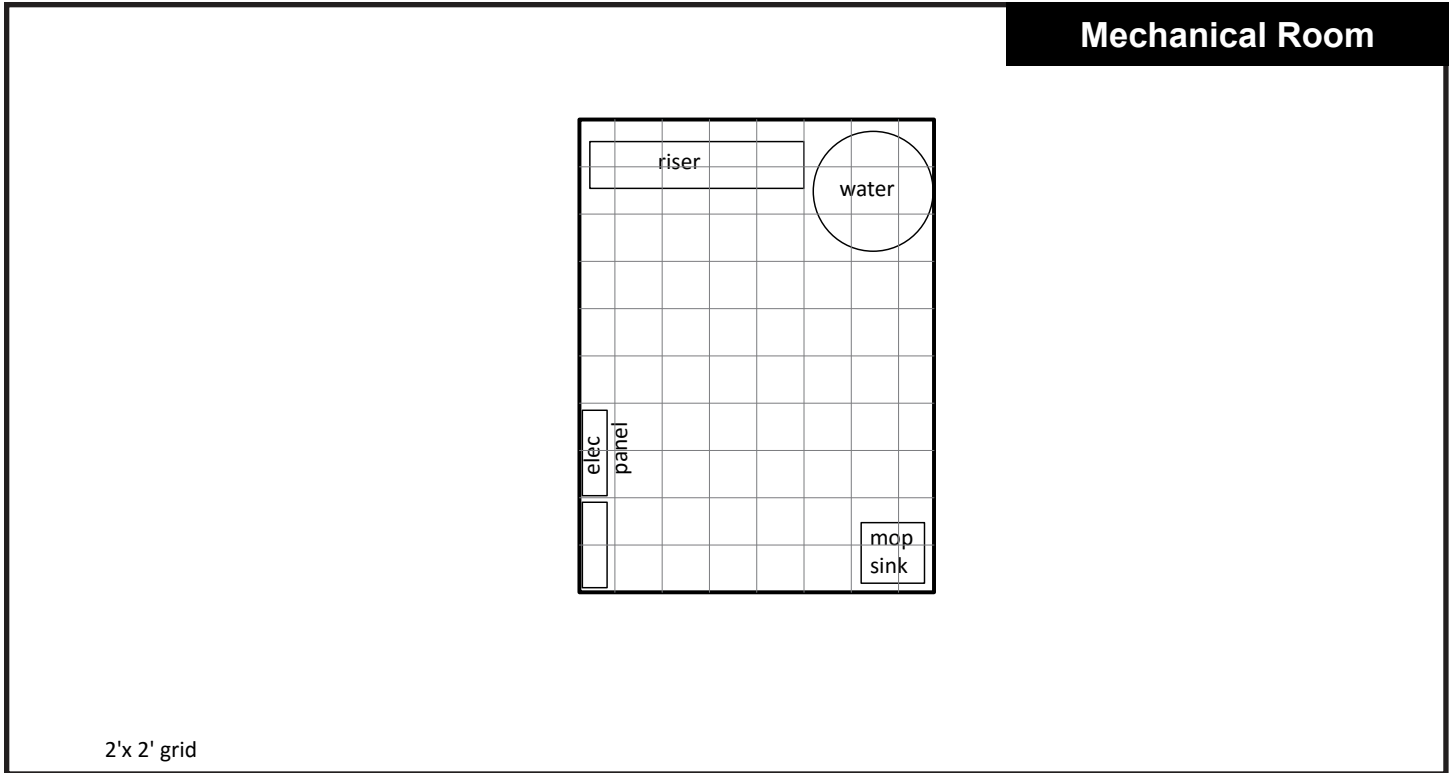


Space Requirements: Interpretive Staff			
ARCHITECTURAL		MECHANICAL	
Capacity	3-4 workstations	Heating/ Cooling	zoned mini-split heat pump
Min. Area	210 nsf	Ventilation	natural ventilation
Adjacencies/ Location	multi purpose room	Plumbing	
Floor		Special	
Walls		ELECTRICAL	
Ceiling		Power	
Doors		Lighting	
Room Accessories		Data	
Acoustical		Comm.	
Fixed Equipment		Special	
Special Requirements			

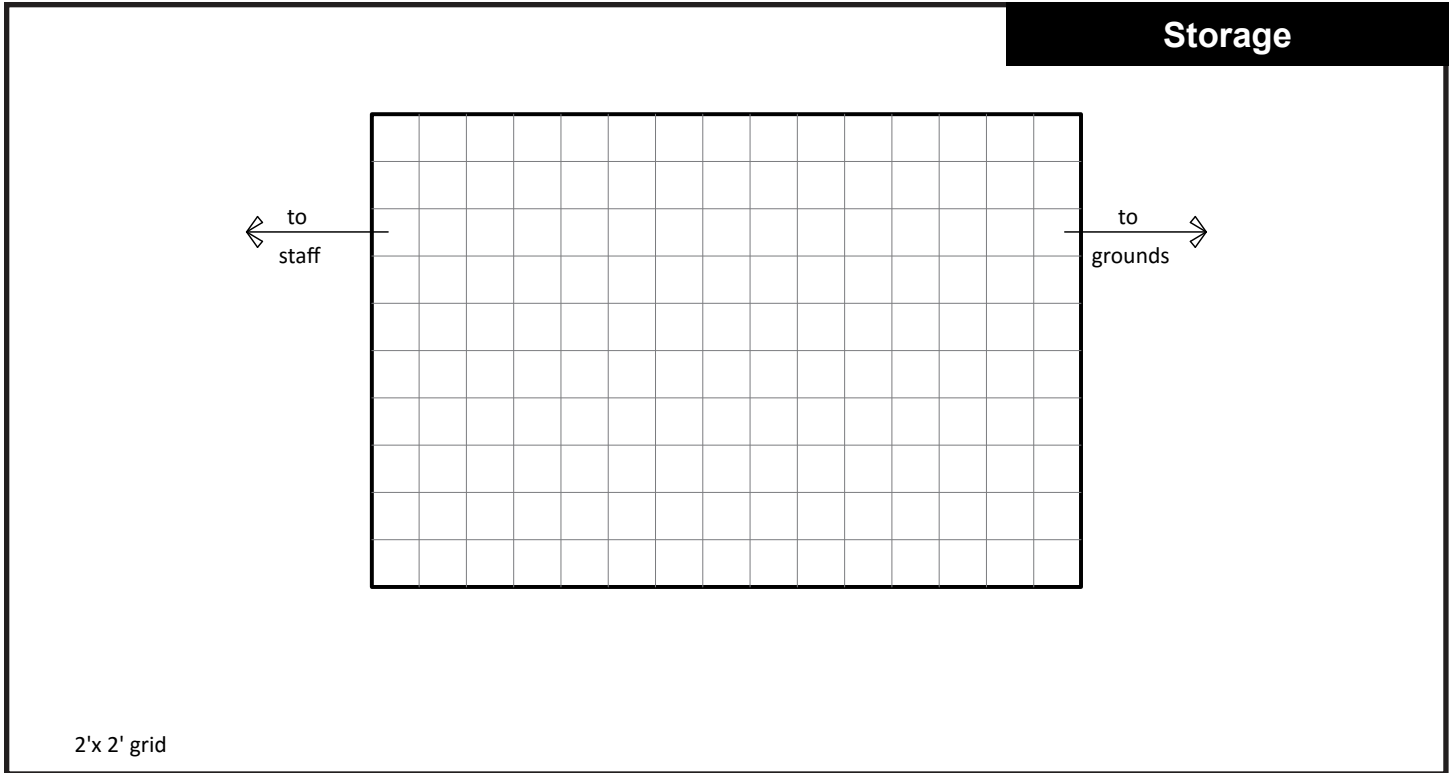


2'x 2' grid

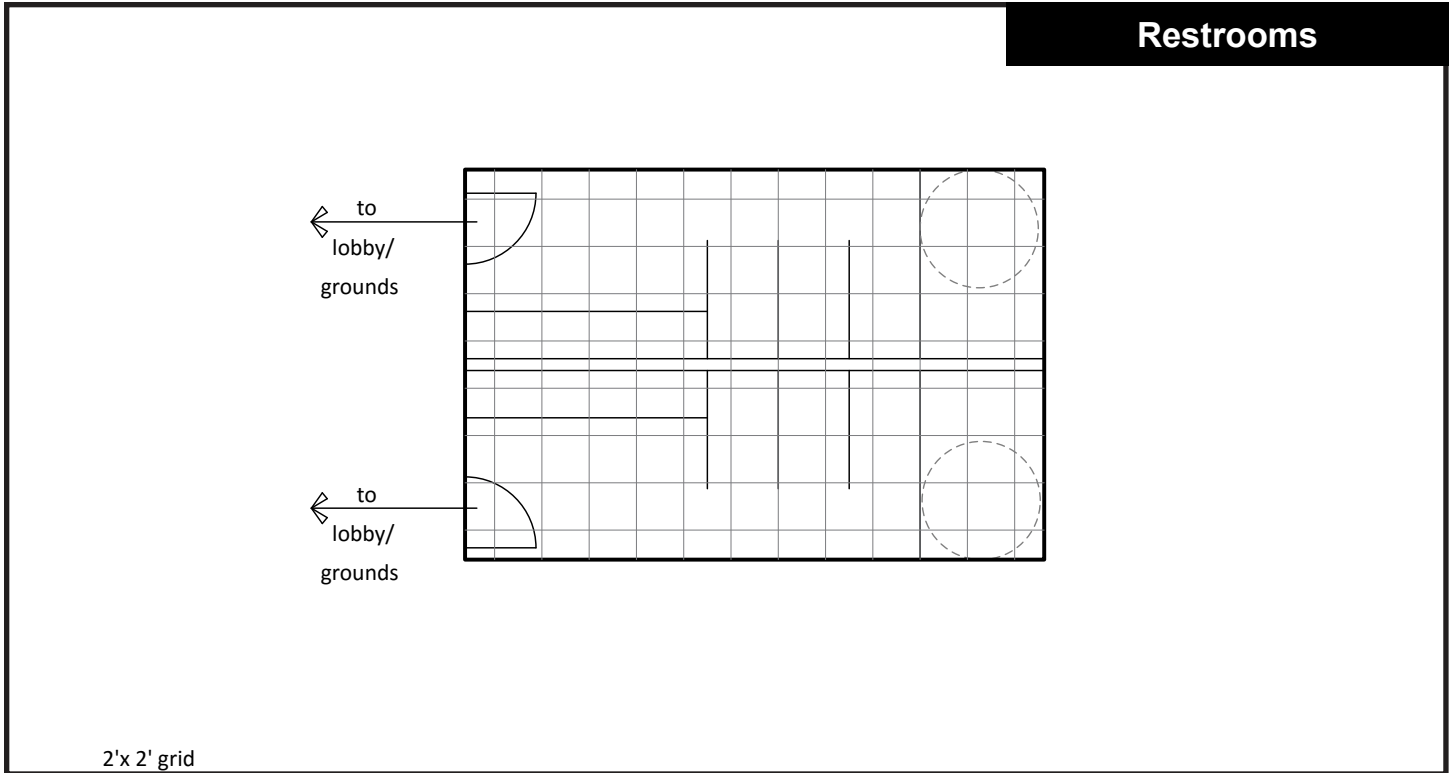
Space Requirements: Workroom			
ARCHITECTURAL		MECHANICAL	
Capacity	4-Mar	Heating/ Cooling	zoned mini-split heat pump
Min. Area	145 nsf	Ventilation	naturally ventilated
Adjacencies/ Location	staff offices	Plumbing	s.s. countertop sink
Floor		Special	
Walls		ELECTRICAL	
Ceiling		Power	
Doors		Lighting	
Room Accessories	copier, break table	Data	
Acoustical		Comm.	
Fixed Equipment	countertop, cabinets, uppers	Special	
Special Requirements			



Space Requirements: Mechanical Room			
ARCHITECTURAL		MECHANICAL	
Capacity	2	Heating/ Cooling	electric heat - wall or ceiling
Min. Area	300 nsf	Ventilation	naturally ventilated
Adjacencies/ Location		Plumbing	
Floor		Special	
Walls		ELECTRICAL	
Ceiling		Power	
Doors		Lighting	
Room Accessories		Data	
Acoustical		Comm.	
Fixed Equipment	DHW tank, electrical panels, mop sink	Special	
Special Requirements	sprinkler riser, if required		



Space Requirements: Storage			
ARCHITECTURAL		MECHANICAL	
Capacity	2	Heating/ Cooling	unheated
Min. Area	600 nsf	Ventilation	
Adjacencies/ Location	grounds, staff	Plumbing	
Floor		Special	
Walls		ELECTRICAL	
Ceiling		Power	
Doors	roll - up door	Lighting	
Room Accessories	storage racks/cabinets	Data	
Acoustical		Comm.	
Fixed Equipment		Special	
Special Requirements			



Space Requirements: Restrooms			
ARCHITECTURAL		MECHANICAL	
Capacity	4 men + 4 women	Heating/ Cooling	electric heat - wall or ceiling
Min. Area	400 nsf	Ventilation	cabinet ventilation fans
Adjacencies/ Location	grounds, lobby	Plumbing	
Floor	tile or sealed concrete	Special	
Walls	tile or epoxy grout	ELECTRICAL	
Ceiling		Power	
Doors		Lighting	
Room Accessories	partitions, toilet accessories	Data	
Acoustical		Comm.	
Fixed Equipment	dryers, vitreous china fixtures	Special	
Special Requirements	accessible from indoors, outdoors with		