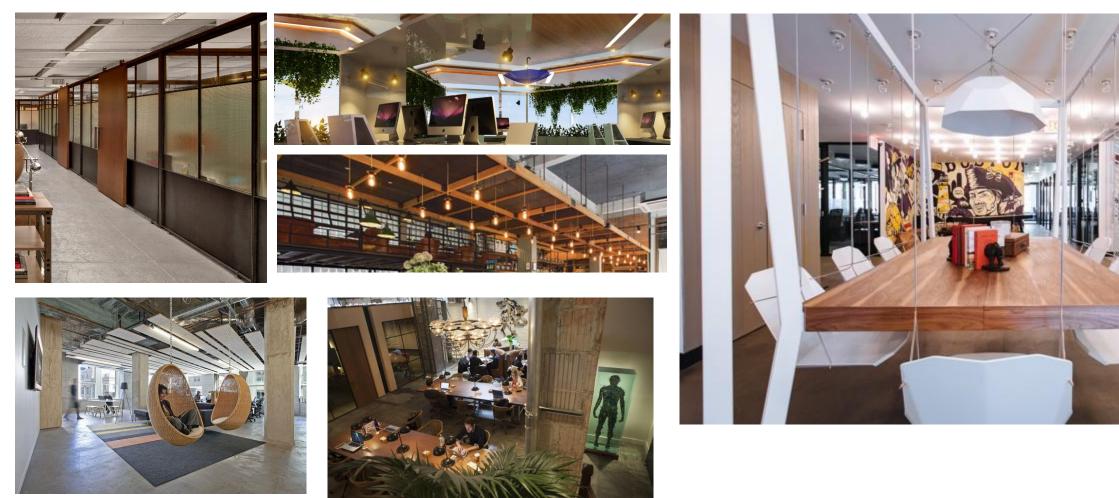


Rachel DiGiovanni Portfolio 1 IDSN Systems 3600 Fall 2015

Concept Statement:

To create an atmosphere of productivity in a coffee shop type environment. A comfortable and aesthetically appealing space of growth where one can enjoy a cup of coffee and a croissant as they expand their businesses in a co-working style space. The main objective is to incorporate a sense of community to help build businesses all while designing offices that will make one feel at home.

Inspiration:





Summary										
Personnel Totals Per Department	Personne		Personnel				Support	Total	Circulation	Carpetable
Europeanting	Current	Future	Sq. Feet	Computer	Printer	Fax	Sq. Feet	Sq. Feet		Sq. Feet
Executive	4	4	300	2	2	-	1,100	1,400	1.54	2,914
Administration	20	40	200	20	7	-	190	390	1.54	2,510
Account Admin	10	20	200	10	4	4	290	490	1.54	1,445
Creative Services	10	20	200	5	4	-	-	200	1.54	1,109
Support	-	-		-	-	-	1,455	1,455	1.54	2,241
Totals:	44	84	900	37	17	4	3,035			10,218
										101210

PERSONNEL											
Position	Personnel	Totals	Unit Squa	re Ft.	Extended	Eguipm	ent	Notes		Department Summa	iry
	Current	Future	Office V	Norkstation	Sq. Feet	PC Printe	r Fax			Information:	
			T		0					Personnel	792 Square
					0					Equipment	1100 Square F
					0					Sub Total:	1892 Square F
					0					Circulation	1.54
					0					Total Carpetable:	2913.7 Square I
Director	4	2		36	72	2		300 square ft. each			
					0						
					0						
					0						
Administrative Assistant	10	20		36	720	25	7	All admin. Assistants located together in	own space		
					0						
					0						
					0					Interviewee:	
					0					Interview Date:	
	14				0 0 792		7	0		Interview Date: Revision Submitted: Sign Off:	
SUPPORT/EQUIPMENT SPACES					0 792	27				Revision Submitted: Sign Off:	
	Support/Equ	ipment	Unit		0 792 Extended			0 Notes		Revision Submitted: Sign Off: Department Notes:	
SUPPORT/EQUIPMENT SPACES			Unit Square I		0 792	27				Revision Submitted: Sign Off: Department Notes: Entire company is prog	ressive
SUPPORT/EQUIPMENT SPACES Space	Support/Equ	ipment		Feet	0 792 Extended Sq. Feet	27		Notes		Revision Submitted: Sign Off: Department Notes: Entire company is prog Space is attractive	
SUPPORT/EQUIPMENT SPACES Space	Support/Equ	ipment			0 792 Extended Sq. Feet	27				Revision Submitted: Sign Off: Department Notes: Entire company is prog	
Waiting Area	Support/Equ	ipment		Feet	0 792 Extended <u>Sq. Feet</u> 100 0	27 Locati		Notes Seating for 4 guests		Revision Submitted: Sign Off: Department Notes: Entire company is prog Space is attractive	
SUPPORT/EQUIPMENT SPACES Space	Support/Equ	ipment		Feet	0 792 Extended <u>Sq. Feet</u> 100 0	27		Notes		Revision Submitted: Sign Off: Department Notes: Entire company is prog Space is attractive	
SUPPORT/EQUIPMENT SPACES Space Waiting Area Pantry	<u>Support/Equ</u>	ipment		Feet 100	0 792 Extended Sq. Feet 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	27 Locati Visible from reception Near Admin Assts		Notes Seating for 4 guests		Revision Submitted: Sign Off: Department Notes: Entire company is prog Space is attractive	
SUPPORT/EQUIPMENT SPACES Space Waiting Area Pantry	Support/Equ	ipment		Feet	0 792 Extended Sq.Feet 0 100 0 100 0 100 0 100	27 Locati		Notes Seating for 4 guests		Revision Submitted: Sign Off: Department Notes: Entire company is prog Space is attractive	
SUPPORT/EQUIPMENT SPACES Space Waiting Area Pantry Fax/Copy	<u>Support/Equ</u>	ipment Future 1 1 1		Feet	0 792 Extended Sq. Feet 0 100 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	27 Locati Visible from reception Near Admin Assts Near Admin Assts		Notes Seating for 4 guests Full Kitchen		Revision Submitted: Sign Off: Department Notes: Entire company is prog Space is attractive	
SUPPORT/EQUIPMENT SPACES Space Waiting Area Pantry	<u>Support/Equ</u>	ipment		Feet 100	0 792 Extended Sq. Feet 0 100 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	27 Locati Visible from reception Near Admin Assts		Notes Seating for 4 guests		Revision Submitted: Sign Off: Department Notes: Entire company is prog Space is attractive	
SUPPORT/EQUIPMENT SPACES Space Waiting Area Pantry Fax/Copy Storage	<u>Support/Equ</u> <u>Current</u> 1 1 1 0	ipment Future 1 1 1 1		Feet	Extended Sq. Feet 0 100 0 100 0 100 0 100 0 0 0 0 0 0 0	27 Locati Visible from reception Near Admin Assts Near Admin Assts Scattered throughout		Seating for 4 guests Full Kitchen Shelving/Hooks		Revision Submitted: Sign Off: Department Notes: Entire company is prog Space is attractive	
SUPPORT/EQUIPMENT SPACES Space Waiting Area Pantry Fax/Copy	<u>Support/Equ</u>	ipment Future 1 1 1		Feet	Extended Sq. Feet 0 100 0 100 0 100 0 100 0 0 0 300	27 Locati Visible from reception Near Admin Assts Near Admin Assts Scattered throughout		Notes Seating for 4 guests Full Kitchen		Revision Submitted: Sign Off: Department Notes: Entire company is prog Space is attractive	
SUPPORT/EQUIPMENT SPACES Space Waiting Area Pantry Fax/Copy Storage File Drawers	<u>Support/Equi</u> Current	ipment1 		Feet	Extended Sq. Feet 0 100 0 100 0 100 0 100 0 0 300 0 0 0 0	27 Locati Visible from reception Near Admin Assts Near Admin Assts Scattered throughout		Notes Seating for 4 guests Full Kitchen Shelving/Hooks 3-Hi wooden cabinets		Revision Submitted: Sign Off: Department Notes: Entire company is prog Space is attractive	
SUPPORT/EQUIPMENT SPACES Space Waiting Area Pantry Fax/Copy Storage	<u>Support/Equ</u> <u>Current</u> 1 1 1 0	ipment Future 1 1 1 1		Feet	Extended Sq. Feet 0 100 0 100 0 100 0 100 0 0 300 0 400	27 Locati Visible from reception Near Admin Assts Near Admin Assts Scattered throughout		Seating for 4 guests Full Kitchen Shelving/Hooks		Revision Submitted: Sign Off: Department Notes: Entire company is prog Space is attractive	
SUPPORT/EQUIPMENT SPACES Space Waiting Area Pantry Fax/Copy Storage File Drawers	<u>Support/Equi</u> Current	ipment1 		Feet	Extended Sq. Feet 0 100 0 100 0 100 0 100 0 0 300 0 0 0 0	27 Locati Visible from reception Near Admin Assts Near Admin Assts Scattered throughout		Notes Seating for 4 guests Full Kitchen Shelving/Hooks 3-Hi wooden cabinets		Revision Submitted: Sign Off: Department Notes: Entire company is prog Space is attractive	

PERSONNEL												
Position	Personn	el Totals	Unit Squa	are Ft.	Extended		Equipment		Notes	Departm	nent Summa	ry
	Current	Future	Office	Workstation	Sq. Feet	PC	Printer	Fax		Informat		
					0					Persor	nnel	1440 Sq
Finance					0					Equipn		190 Sq
					0					Sub Tota		1630 Sq
Manager	10	20	<u>l</u>	36	720					Circula		1.54
Clerical	10	20		36	720		2			Total Car	rpetable:	2510.2 Sq
					0							
					0							
					0							
					0							
					0							
					0							
					0							
					0					Interview		
					0					Interview		
					0					Revision S		
Personnel Totals:	20	40			1440	······································	4	0		Sign Off:		
SUPPORT/FOUIPMENT SPACE						20				Sign Off:		
SUPPORT/EQUIPMENT SPACE	ESSupport/E	quipment	Unit		Extended		Location		Notes		ent Notes:	
	ES		Unit Square									
	ESSupport/E	quipment			Extended Sq. Feet							
<u>Space</u> Finance	ES Support/E Current	quipment Future		Feet	Extended Sq. Feet 0				Notes			
<u>Space</u> Finance File Drawers	ESSupport/E	uipment Future 50		Feet 1.8	Extended Sq. Feet 0 99	Lockable room	Location		Notes 5-Hi cabinets			
<u>Space</u> Finance	ES Support/E Current	quipment Future		Feet	Extended <u>Sq. Feet</u> 0 0 90 100	Lockable room Next to work are	Location		Notes			
<u>Space</u> Finance File Drawers	ES Support/E Current	uipment Future 50		Feet 1.8	Extended Sq. Feet 0 90 90 100 0	Lockable room Next to work are	Location		Notes 5-Hi cabinets			
<u>Space</u> Finance File Drawers	ES Support/E Current	uipment Future 50		Feet 1.8	Extended Sq. Feet 0 0 90 90 100 0 0 0	Lockable room Next to work are	Location		Notes 5-Hi cabinets			
<u>Space</u> Finance File Drawers	ES Support/E Current	uipment Future 50		Feet 1.8	Extended Sq. Feet 0 0 90 90 100 0 0 0 0 0 0	Lockable room Next to work are	Location		Notes 5-Hi cabinets			
<u>Space</u> Finance File Drawers	ES Support/E Current	uipment Future 50		Feet 1.8	Extended Sq. Feet 0 0 0 90 100 0 0 0 0 0 0 0 0 0 0 0 0 0	Lockable room Next to work are	Location		Notes 5-Hi cabinets			
<u>Space</u> Finance File Drawers	ES Support/E Current	uipment Future 50		Feet 1.8	Extended Sq. Feet 0 0 0 90 100 0 0 0 0 0 0 0 0 0 0 0 0 0	Lockable room Next to work are	Location		Notes 5-Hi cabinets			
<u>Space</u> Finance File Drawers	ES Support/E Current	uipment Future 50		Feet 1.8	Extended Sq. Feet 0 0 0 90 100 0 0 0 0 0 0 0 0 0 0 0 0 0	Lockable room Next to work are	Location		Notes 5-Hi cabinets			
<u>Space</u> Finance File Drawers	ES Support/E Current	uipment Future 50		Feet 1.8	Extended Sq. Feet 0 0 0 90 100 0 0 0 0 0 0 0 0 0 0 0 0 0	Lockable room Next to work are	Location	······································	Notes 5-Hi cabinets			
<u>Space</u> Finance File Drawers	ES Support/E Current	uipment Future 50		Feet 1.8	Extended Sq. Feet 0 0 0 0 90 100 0 0 0 0 0 0 0 0 0 0 0 0	Lockable room Next to work are	Location		Notes 5-Hi cabinets			
<u>Space</u> Finance File Drawers	ES Support/E Current	uipment Future 50		Feet 1.8	Extended Sq. Feet 0 0 0 90 100 0 0 0 0 0 0 0 0 0 0 0 0 0	Lockable room Next to work are	Location		Notes 5-Hi cabinets			

Account Admin								
ERSONNEL								
Position	Personne	el Totals Future	Unit Square Ft. Office Workstation	Extended Sq. Feet	PC	Equipment Printer	Fax	Notes
				0				
ccount Executive	3	6	36	216				
ccount Manager	4	8	36	288	2			
				0				
dministrative Assistant	2	4	36	144	2	4	4	Shared by entire Production staff
				0	4			
				0				
				0				
				0				
				0				
				0				
Personnel Totals:	9	18		0 648		4	4	
SUPPORT/EQUIPMENT SPACE: Space	Support/E	quipment	Unit	Extended		Location		Notes
	Current		Square Feet	Sq. Feet				
ïle Drawers	10	30	3	90	Near Admin Asst	3		3-Hi cabinets
quipment	1	1	100	0	Near Admin Asst			Copier, work counter
quipment			100	0		3		copier, work counter
Storage	0	1	100	100				Shelving; can be spread throughout
				0				
				0				Lockable room; shelving
				0				
				Ő				
				0				
				0				
Support Totals:				0 290				
Support Totals:				290				

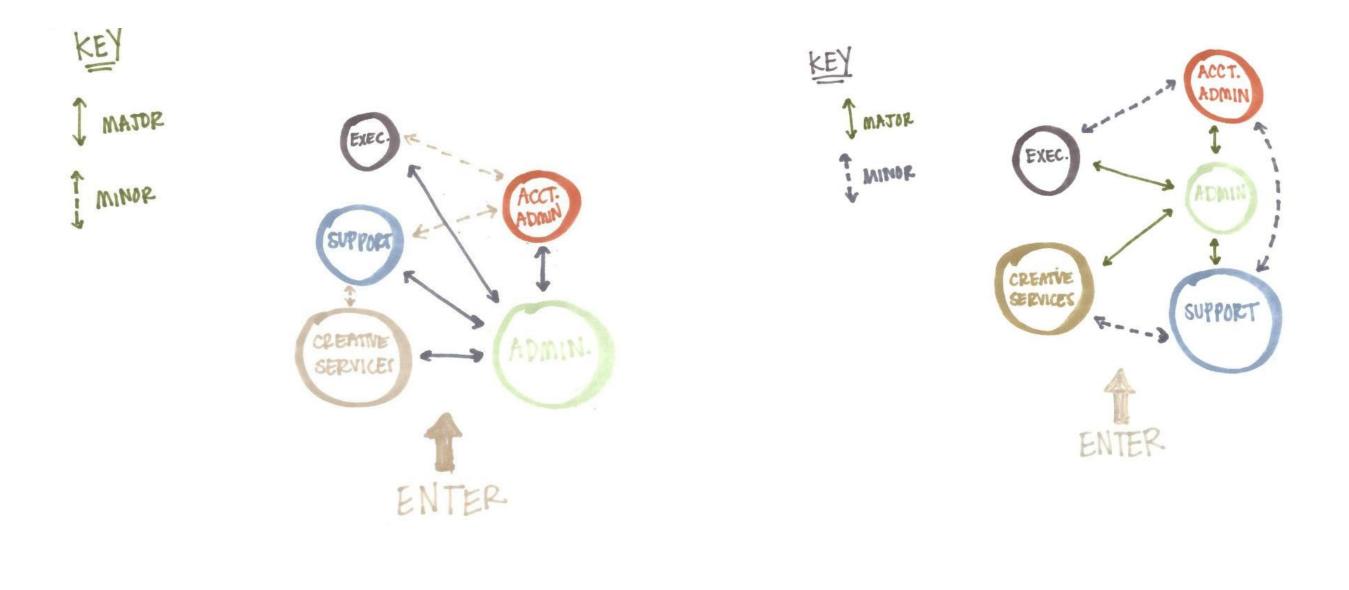
Department Summa		
 Information:	· y	
Personnel	648	Square Et
Equipment	290	Square Ft. Square Ft.
Sub Total:	938	Square Ft.
Circulation	1.54	oquare r t
Total Carpetable:	1444.5	Square Ft.
Interviewee:		
 Interview Date:		
 Revision Submitted:		
Sign Off:		
Department Notes:		

PERSONNEL										
Position	Personne	l Totals	Unit Squ	uare Ft.	Extended		Equipment		N	lotes
	Current	Future	Office	Workstation	Sg. Feet	PC	Printer	Fax		
Team Manager	10	20		36	0 720	5	2			
reammanager					0					
					Ō		2			
					0					
					0					
					0					
					0					
					0					
					Ō					
					0					
					0					
					0					
Personnel Totals: SUPPORT/EQUIPMENT SP/	ACES	20			0 0 ////720		4	0		
	ACES	juipment	Un Square		0 720 Extended		4 Location	0		lotes
Support/Equipment Sp	ACES		Un Square		0 720	10		0		lote <u>s</u>
Support/Equipment Sp	ACES	juipment			0 720 Extended Sg. Feet 0 0			0		lotes
SUPPORT/EQUIPMENT SP	ACES	juipment			0 720 Extended <u>Sg. Feet</u> 0 0					lotes
Support/Equipment Sp	ACES	juipment			0 720 Extended Sg.Feet 0 0 0 0					lotes
SUPPORT/EQUIPMENT SP	ACES	juipment Future	Square	e Feet	0 720 Extended Sg. Feet 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		<u>Location</u>			lotes
SUPPORT/EQUIPMENT SP	ACES	juipment	Square		0 720 Extended Sg. Feet 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10	<u>Location</u>			lotes
SUPPORT/EQUIPMENT SP	ACES	juipment Future	Square	e Feet	0 720 720 5 <u>g. Feet</u> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10	<u>Location</u>			lotes
SUPPORT/EQUIPMENT SP	ACES	juipment Future	Square	e Feet	0 720 5g. Feet 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10	<u>Location</u>			lotes
SUPPORT/EQUIPMENT SP	ACES	juipment Future	Square	e Feet	0 720 Extended Sg. Feet 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10	<u>Location</u>			lotes
SUPPORT/EQUIPMENT SP	ACES	juipment Future	Square	e Feet	0 720 720 Extended Sg.Feet 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10	<u>Location</u>			lotes
SUPPORT/EQUIPMENT SP/	ACES	juipment Future	Square	e Feet	0 720 720 5 5 5 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	10	<u>Location</u>			lotes
SUPPORT/EQUIPMENT SP	ACES	juipment Future	Square	e Feet	0 720 720 Extended Sg.Feet 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10	<u>Location</u>			lotes

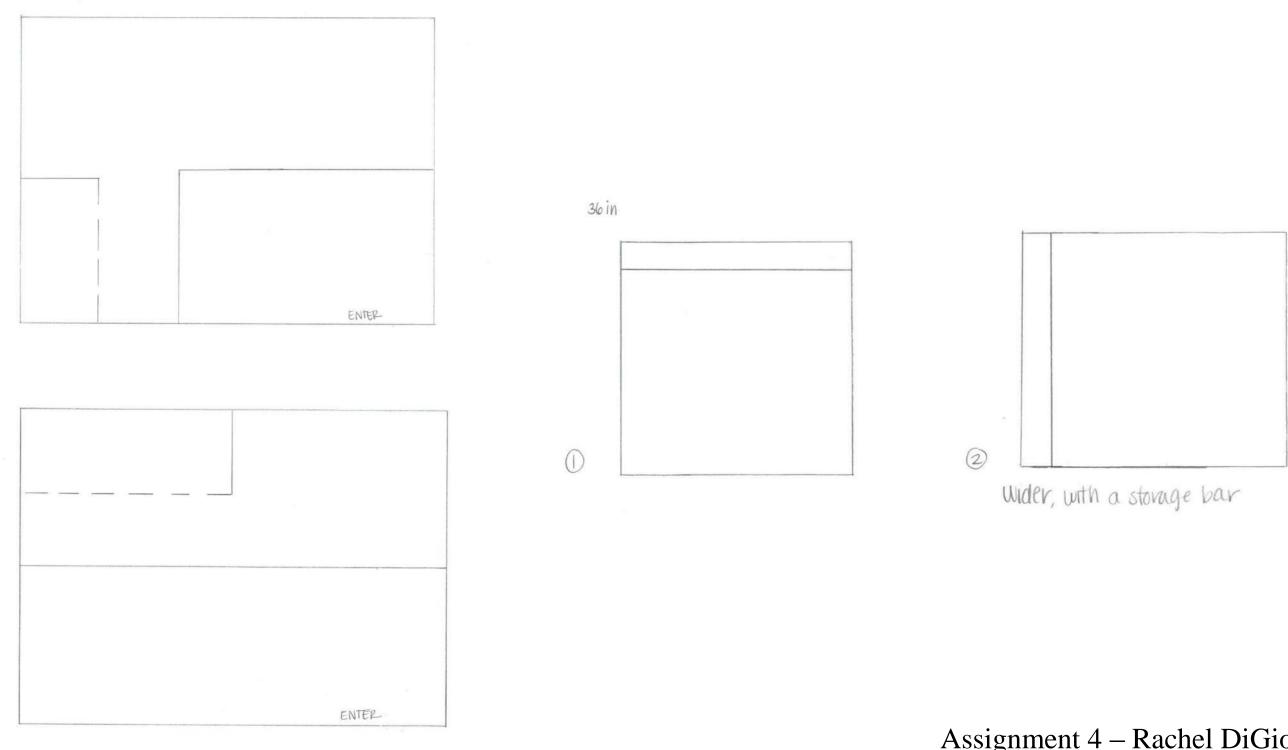
	Department Summar	y	
	Information:		
	Personnel	720	Square Ft.
	Equipment	0	Square Ft.
	Sub Total:	720	Square Ft.
	Circulation	1.54	
	Total Carpetable:	1109	Square Ft.
	Intervievee:		
_	Interview Date:		
	Revision Submitted:		
	Sign Off:		
	Department Notes:		

PERSONNEL							
Position	Support/Equipment	Unit	Extended	Location	Notes	Department Summa	
<u>r ostion</u>	Current Future		Sq. Feet			Information:	
		,	0	7		Personnel	0 Squ
			0			Equipment	1455 Squ
			0			Sub Total:	1455 Squ
			0			Circulation	1.54
			0			Total Carpetable:	2240.7 Squ
			0				2210.7 044
			0				
			0				
			0				
			0			-	
			0				
			0				
			0			Interviewee:	
			0			Interview Date:	
			•••••••••••••••••••••••••••••••••••••••			Interview Date:	
Personnel Totals:	0 ES	0	0			Revision Submitted: Sign Off:	
	ES	Unit	0 0 Extended	Location	Notes		
SUPPORT/EQUIPMENT SPACE	ES	Unit	0	Location	Notes	Sign Off:	
SUPPORT/EQUIPMENT SPACE Space	ES	Unit	0 0 Extended Sq. Feet			Sign Off:	
SUPPORT/EQUIPMENT SPACE	ES	Unit	0 0 Extended Sq. Feet 0 75 Right as you ei		A flat screen tv's	Sign Off:	
SUPPORT/EQUIPMENT SPACE Space Reception	ES Support/Equipment Current Future 1	Unit Square Feet	0 0 Extended Sq. Feet 0 5 75 Right as you et 0	nter	4 flat screen tv's	Sign Off:	
SUPPORT/EQUIPMENT SPACE Space	ES	Unit	0 0 Extended Sq. Feet 0 75 Right as you et 0 400 Each company	nter		Sign Off:	
SUPPORT/EQUIPMENT SPACE Space Reception	ES Support/Equipment Current Future 1 2	Unit Square Feet 1 75 2 200	0 0 Extended Sq. Feet 0 75 Right as you ei 0 400 Each company 0	nter	4 flat screen tv's	Sign Off:	
SUPPORT/EQUIPMENT SPACE Space Reception Conference Room	ES Support/Equipment Current Future 1	Unit Square Feet	0 0 Extended Sq. Feet 0 75 Right as you er 0 400 Each company 0 50	nter v has own	4 flat screen tv's Full AV	Sign Off:	
SUPPORT/EQUIPMENT SPACE Space Reception Conference Room Computer Server Room	ES Support/Equipment Current Future 1 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Unit Square Feet	0 0 0 Extended Sq. Feet 0 75 Right as you ei 0 400 Each company 0 50 80 Near Acount A	nter v has own	4 flat screen tv's Full AV Raised floor, secure, 3 racks	Sign Off:	
SUPPORT/EQUIPMENT SPACE Space Reception Conference Room Computer Server Room Copy/Fax Station	ES Support/Equipment Current I I 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Unit Square Feet 1 75 2 200 1 50 1 80 2 50	0 0 Extended Sq. Feet 0 75 Right as you ei 0 400 Each company 0 50 80 Near Acount A 100 Lunch Room	ter has own	4 flat screen tv's Full AV Raised floor, secure, 3 racks Work counter	Sign Off:	
SUPPORT/EQUIPMENT SPACE Space Reception Conference Room Computer Server Room Copy/Fax Station Pantry	ES Support/Equipment Current	Unit Square Feet 1 75 2 200 1 50 1 80 2 50 2 100	0 0 0 Extended Sq. Feet 0 75 Right as you et 0 400 Each company 0 50 50 80 Near Acount A 100 Lunch Room 200 Spread throug	ter has own	4 flat screen tv's Full AV Raised floor, secure, 3 racks Work counter Coffee, sink, refrigerator, cabinets	Sign Off:	
SUPPORT/EQUIPMENT SPACE Space Reception Conference Room Computer Server Room Copy/Fax Station	ES Support/Equipment Current I I 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Unit Square Feet 1 75 2 200 1 50 1 80 2 50	0 0 0 0 0 0 0 0 0 0 0 0 0 0	ter has own	4 flat screen tv's Full AV Raised floor, secure, 3 racks Work counter	Sign Off:	
SUPPORT/EQUIPMENT SPACE Space Reception Conference Room Computer Server Room Copy/Fax Station Pantry Lunch Room	ES Support/Equipment Current I I 2 0 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0	Unit Square Feet 1 75 2 200 1 50 1 80 2 50 2 100 1 150	0 0 0 Extended Sq. Feet 0 75 Right as you en 0 400 Each company 0 50 80 Near Acount A 100 Lunch Room 200 Spread through 150 0	ter has own	4 flat screen tv's Full AV Raised floor, secure, 3 racks Work counter Coffee, sink, refrigerator, cabinets	Sign Off:	
SUPPORT/EQUIPMENT SPACE Space Reception Conference Room Computer Server Room Copy/Fax Station Pantry Lunch Room Coats	ES Support/Equipment Current	Unit Square Feet 1 75 2 200 1 50 1 80 2 50 2 100 1 150 1 150	0 0 0 0 0 0 0 0 0 0 0 0 0 0	Admin hout	4 flat screen tv's Full AV Raised floor, secure, 3 racks Work counter Coffee, sink, refrigerator, cabinets Full kitchen, seating	Sign Off:	
SUPPORT/EQUIPMENT SPACE Space Reception Conference Room Computer Server Room Copy/Fax Station Pantry Lunch Room	ES Support/Equipment Current I I 2 0 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0	Unit Square Feet 1 75 2 200 1 50 1 80 2 50 2 100 1 150	0 0 0 Extended Sq. Feet 0 75 Right as you en 0 400 Each company 0 400 Each company 0 50 80 Near Acount A 100 Lunch Room 200 Spread through 100 100 Spread through	Admin hout	4 flat screen tv's Full AV Raised floor, secure, 3 racks Work counter Coffee, sink, refrigerator, cabinets	Sign Off:	
SUPPORT/EQUIPMENT SPACE Space Reception Conference Room Computer Server Room Copy/Fax Station Pantry Lunch Room Coats	ES Support/Equipment Current I I 2 0 0 1 1 1 1 0 0 80	Unit Square Feet 1 75 2 200 1 50 1 80 2 50 2 100 1 150 1 150	0 0 0 0 0 0 0 0 0 0 0 0 0 0	Admin hout	4 flat screen tv's Full AV Raised floor, secure, 3 racks Work counter Coffee, sink, refrigerator, cabinets Full kitchen, seating	Sign Off:	

Rachel DiGiovanni Portfolio 2 IDSN Systems 3600 Fall 2015

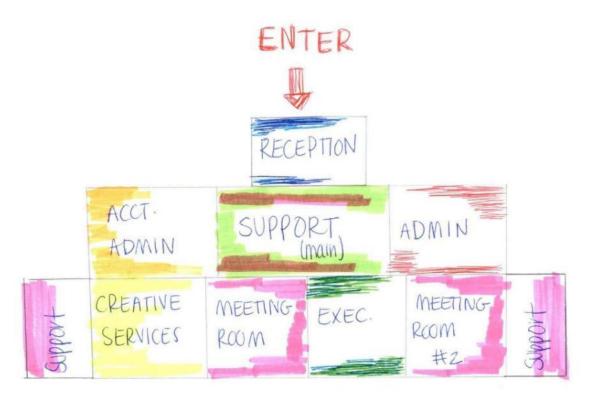


Assignment 4 – Rachel DiGiovanni Bubble Diagrams

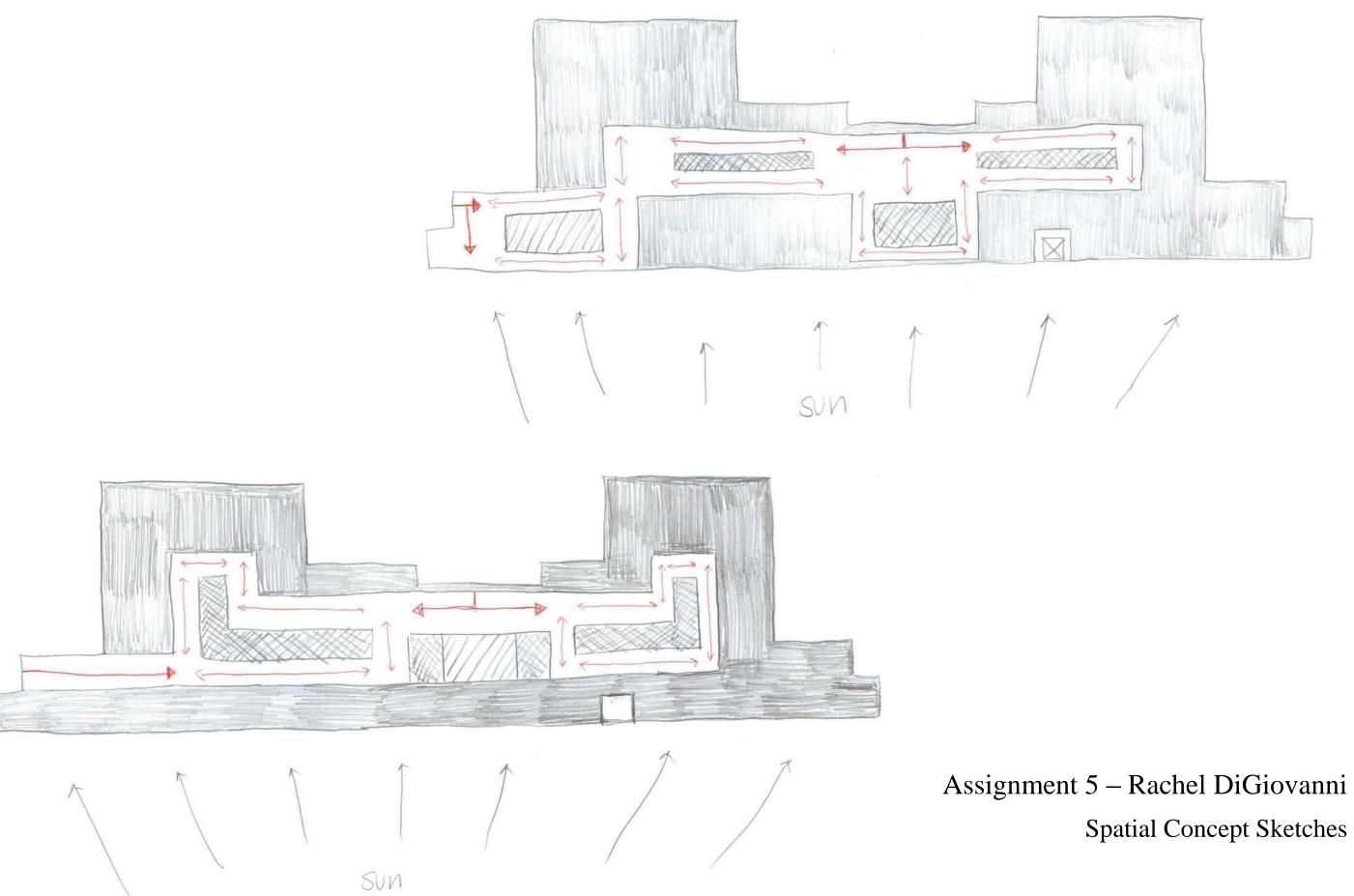


Assignment 4 – Rachel DiGiovanni Space Standard Drawings

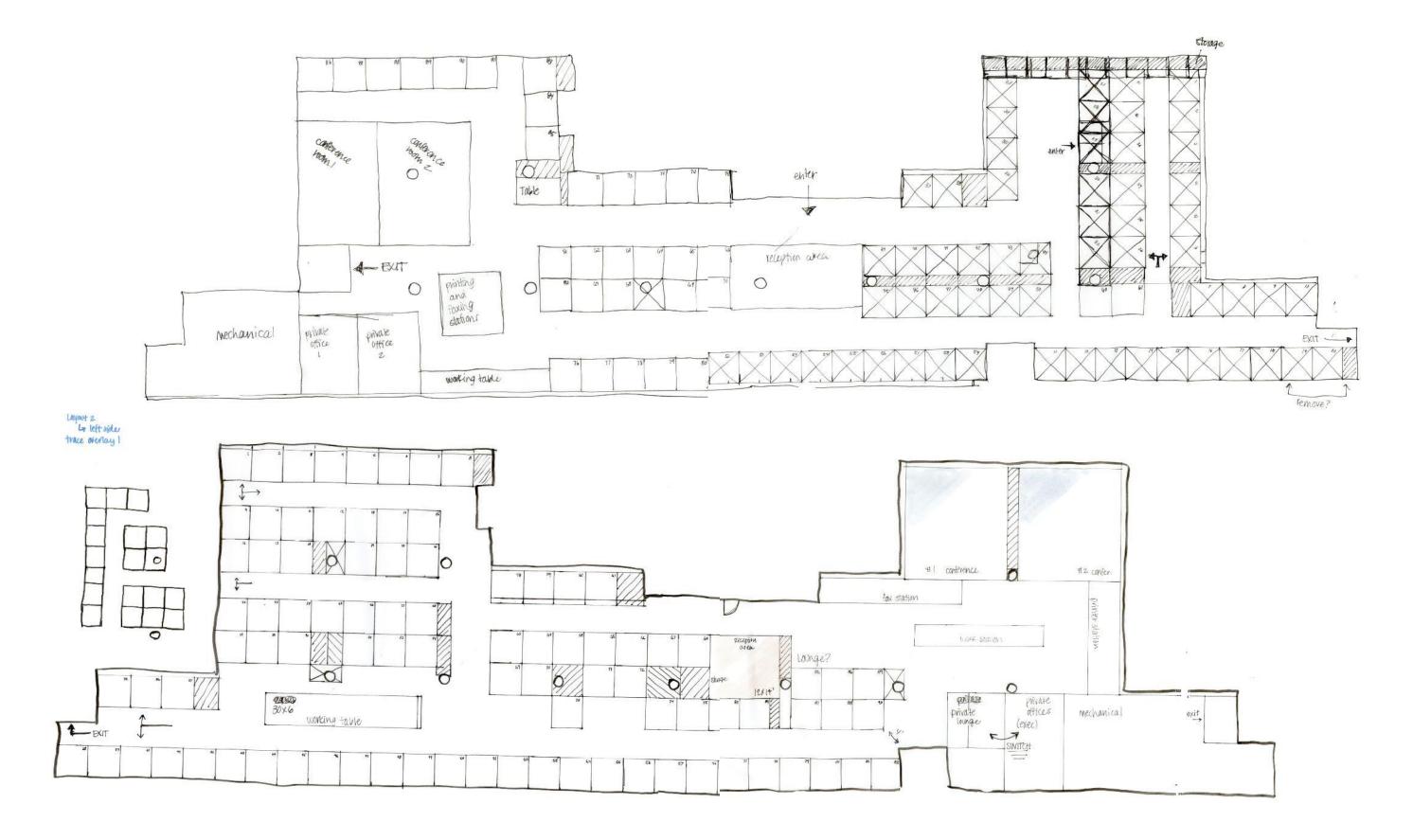




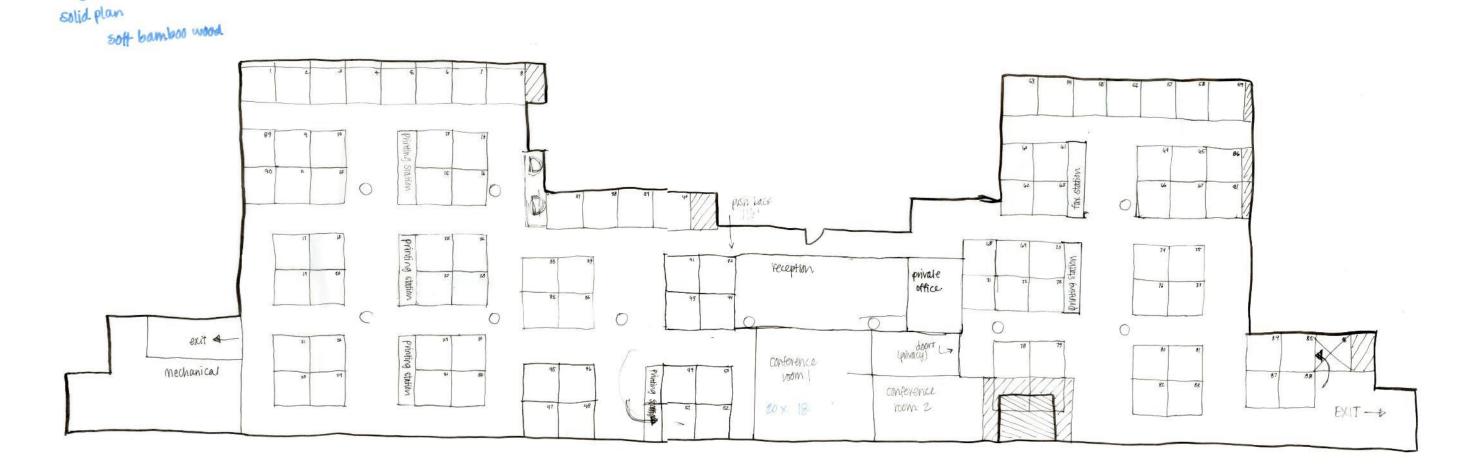
Assignment 4 – Rachel DiGiovanni Blocking Diagrams

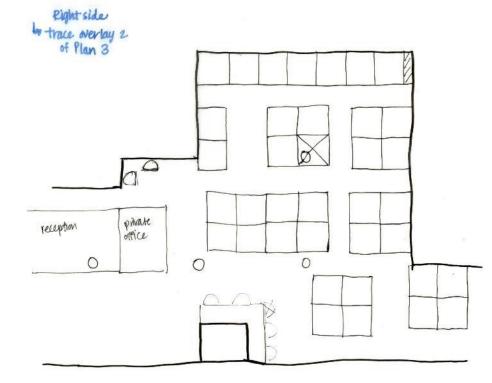


Spatial Concept Sketches

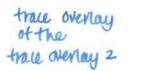


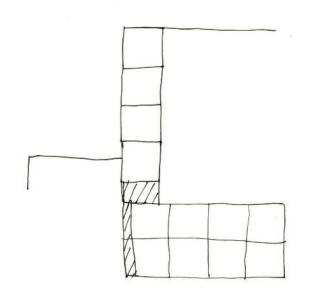
Assignment 6 – Rachel DiGiovanni: Space Plan Sketches



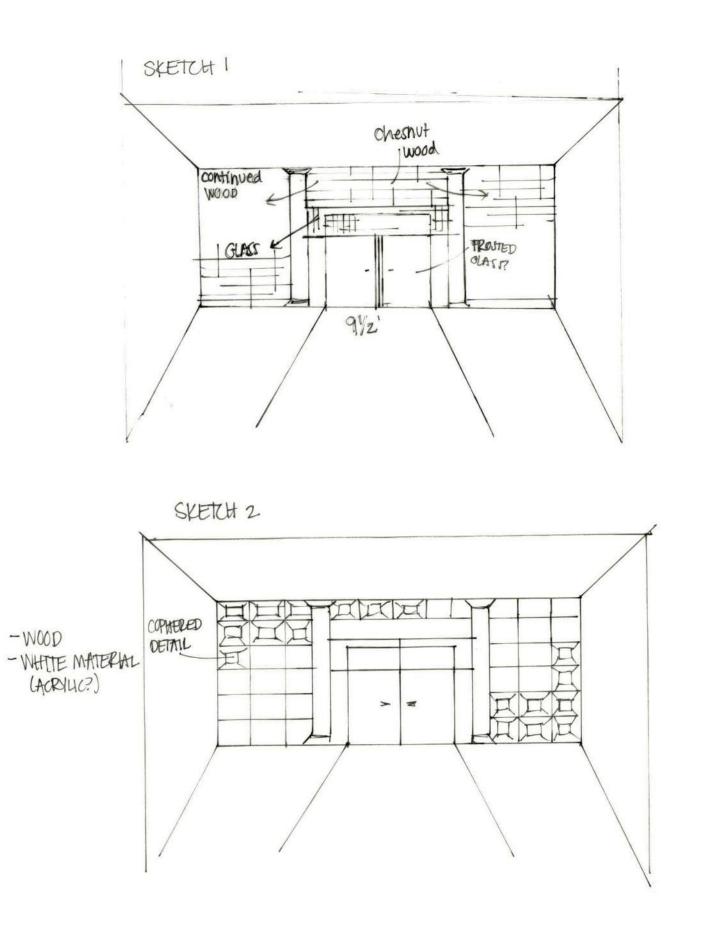


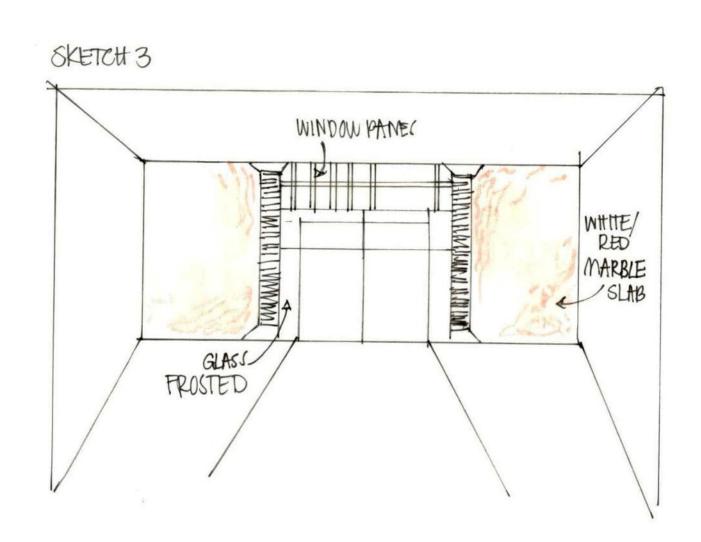
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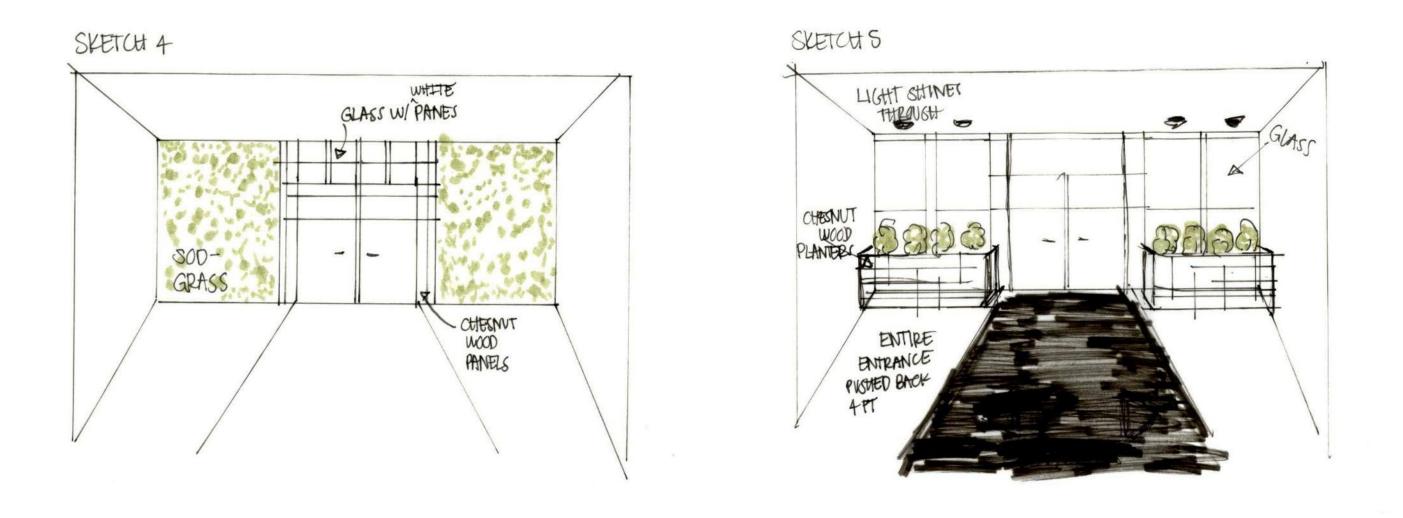


Assignment 6 – Rachel DiGiovanni Space Plan Sketches

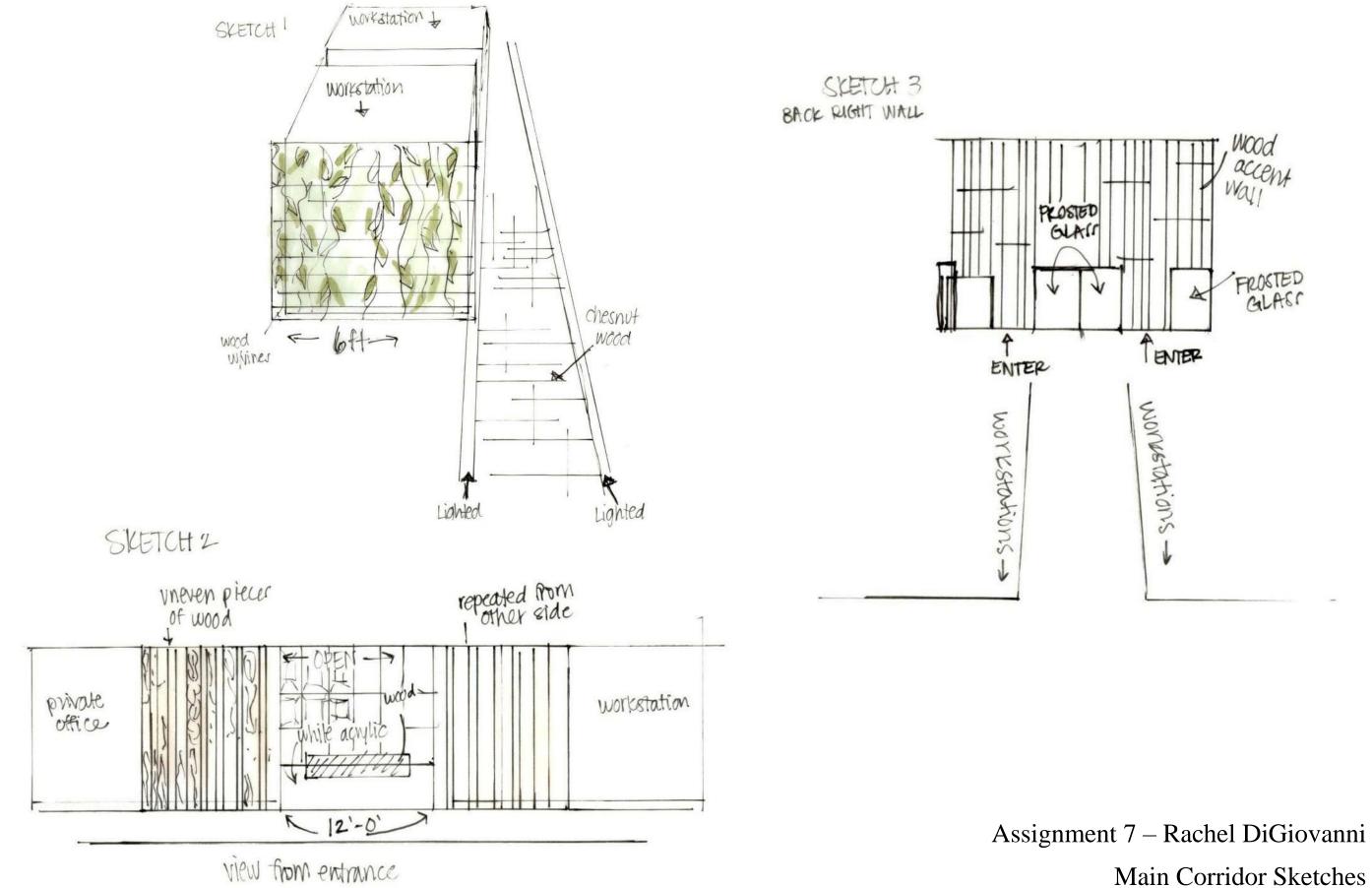




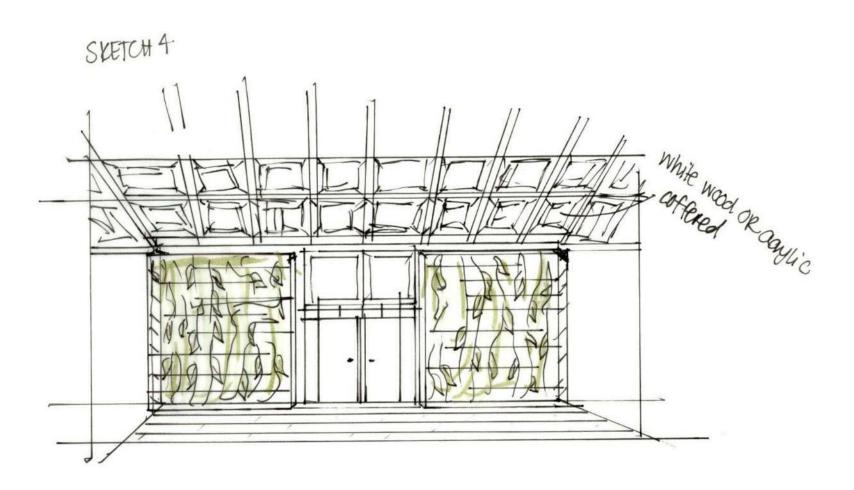
Assignment 7 – Rachel DiGiovanni Entry Sketches



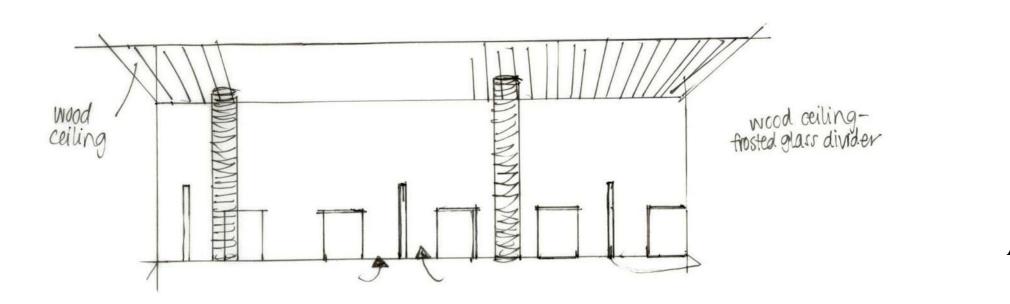
Assignment 7 – Rachel DiGiovanni Entry Sketches



Main Corridor Sketches



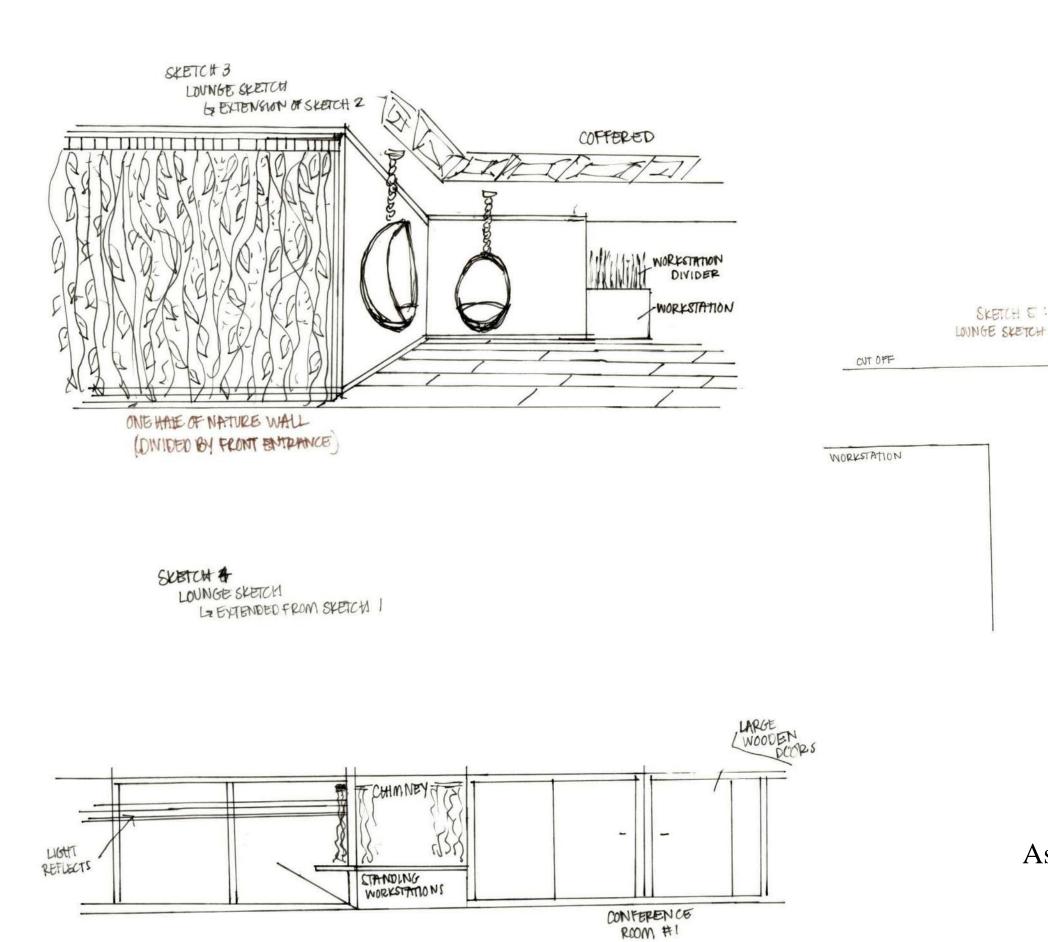
SKETCHE

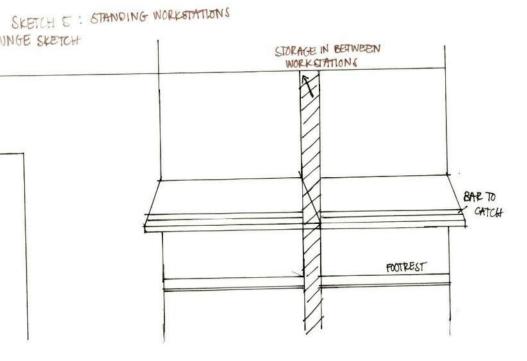


Assignment 7 – Rachel DiGiovanni Main Corridor Sketches

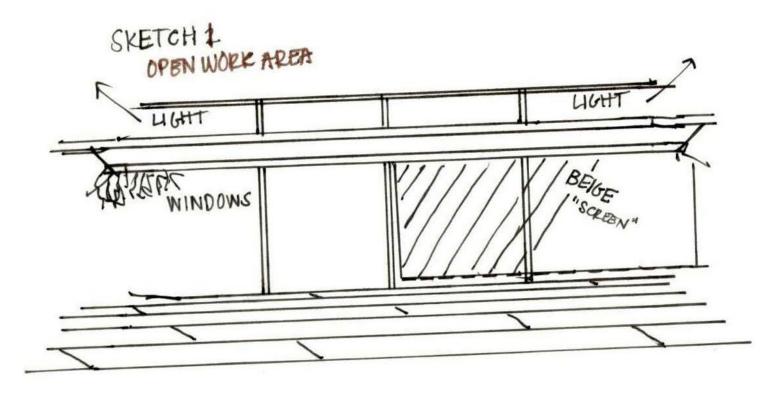


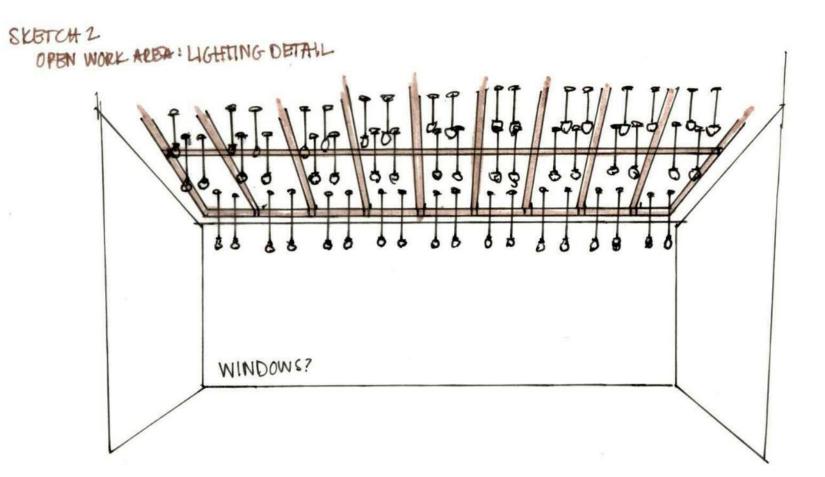
Assignment 8 – Rachel DiGiovanni Lounge Sketches





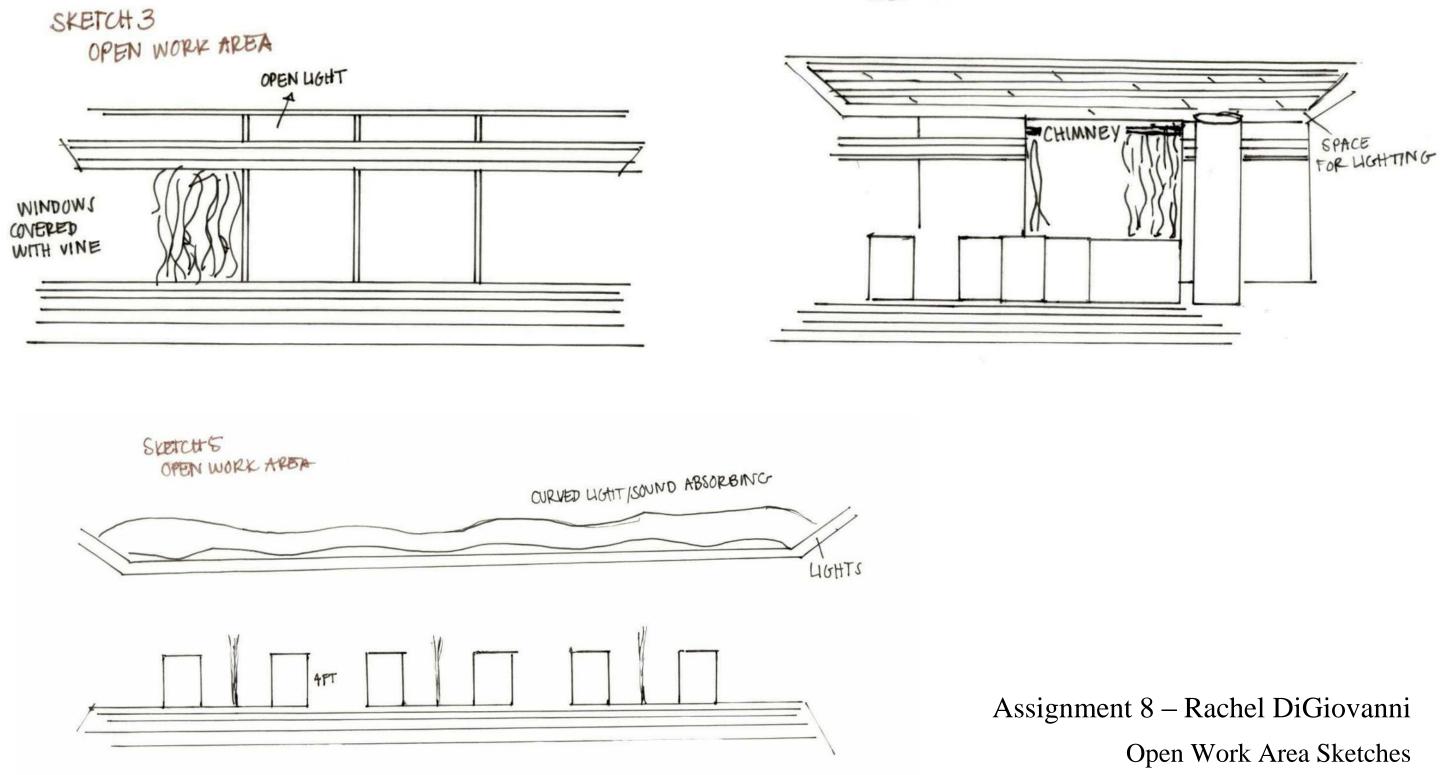
Assignment 8 – Rachel DiGiovanni Lounge Sketches



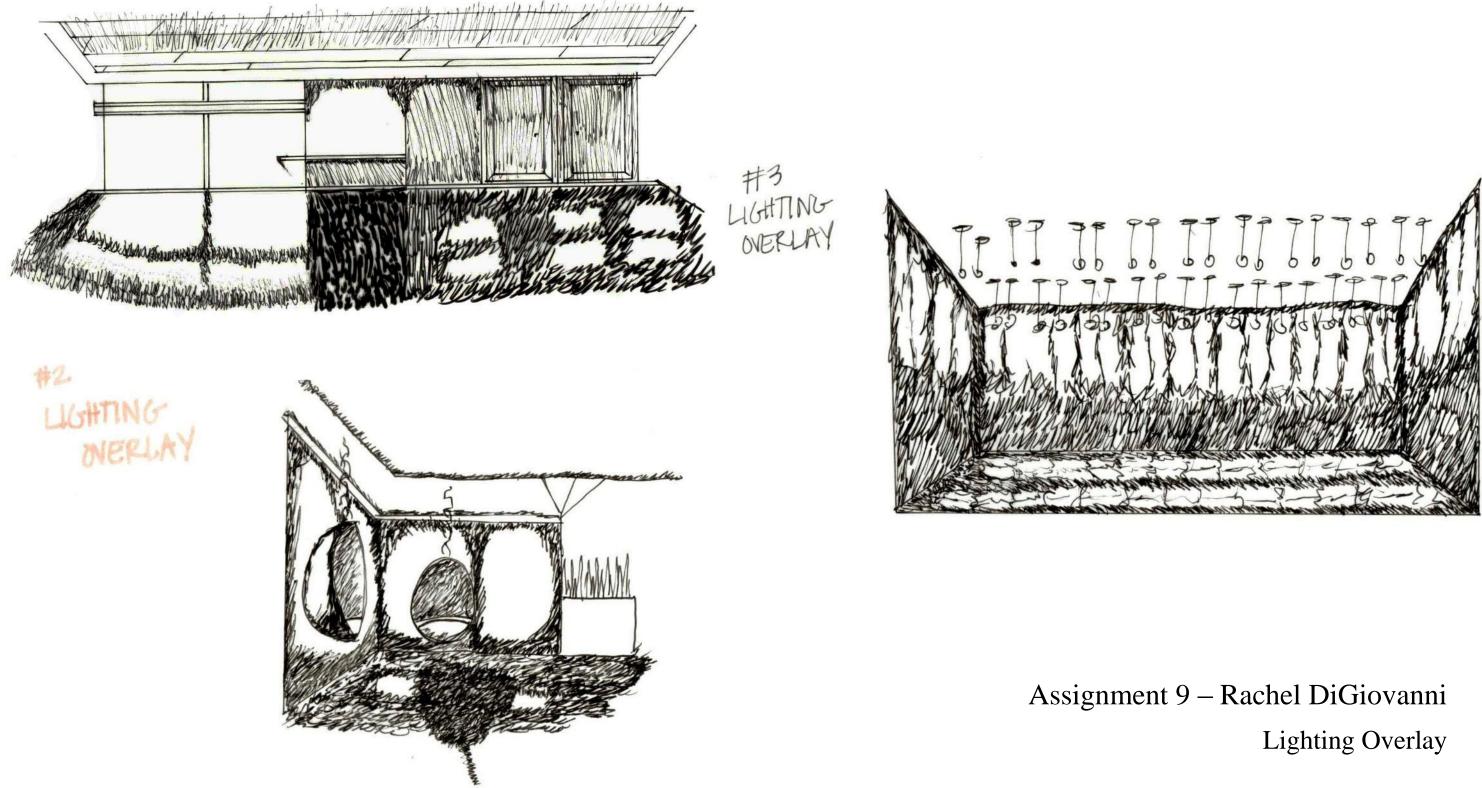


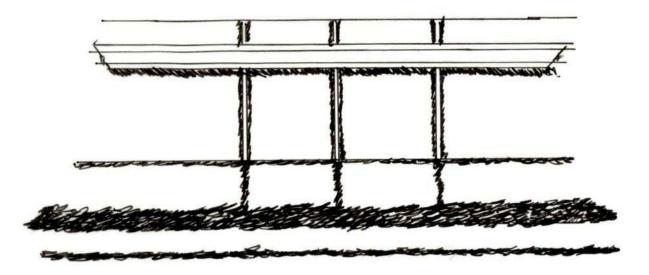
Assignment 8 – Rachel DiGiovanni Open Work Area Sketches

SKETCH 4 OPEN WORK AREA



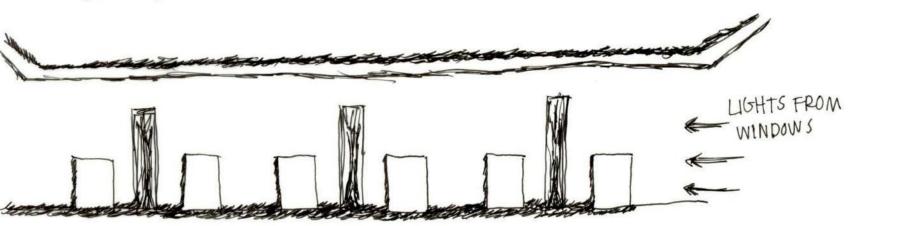




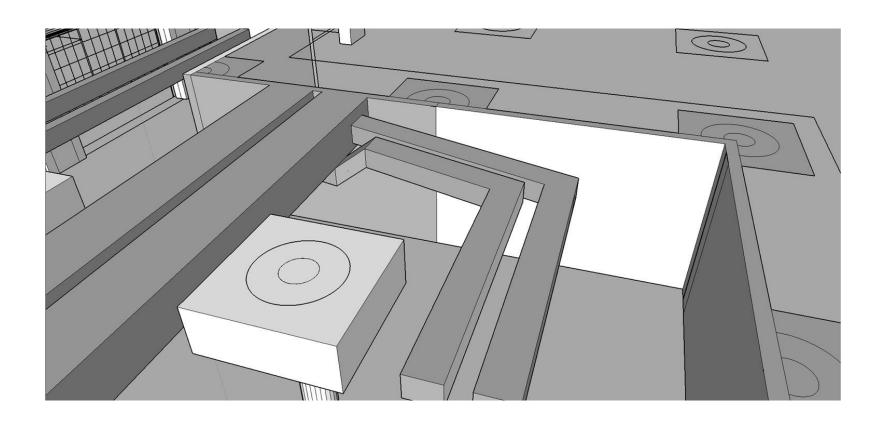


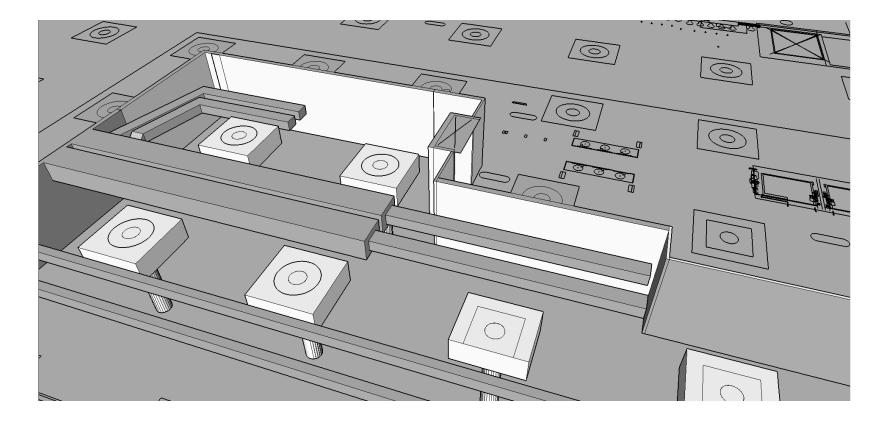
#4 UGHTING OVERLAY

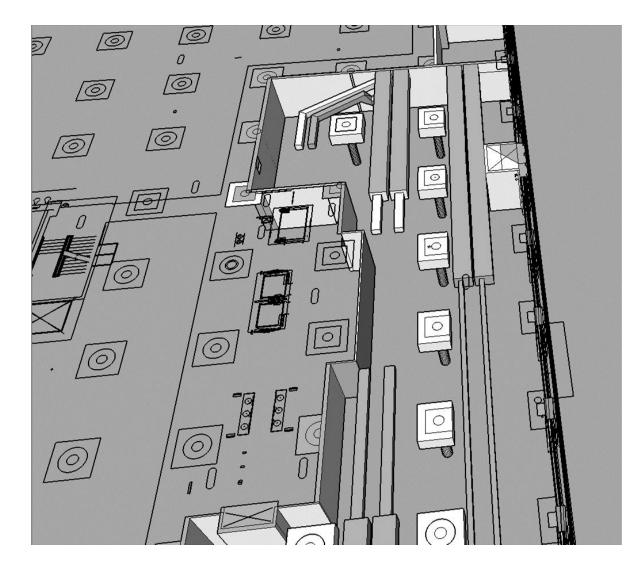




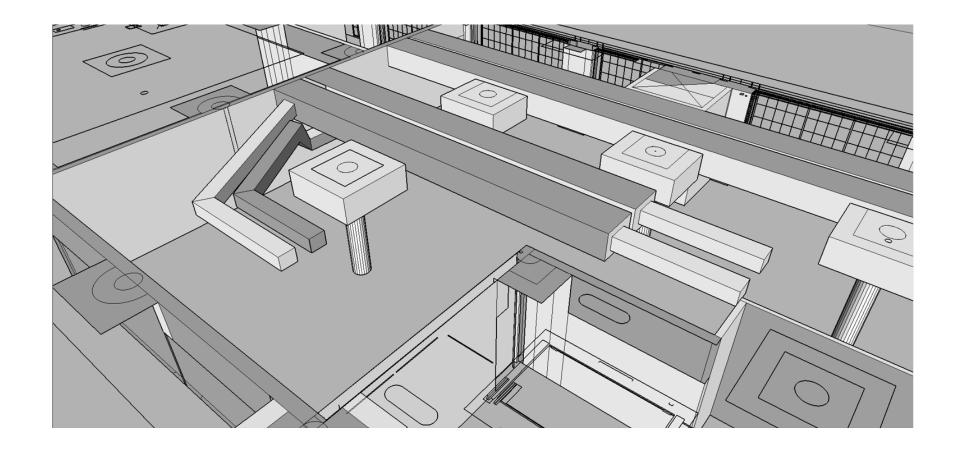
Assignment 9 – Rachel DiGiovanni Lighting Overlay

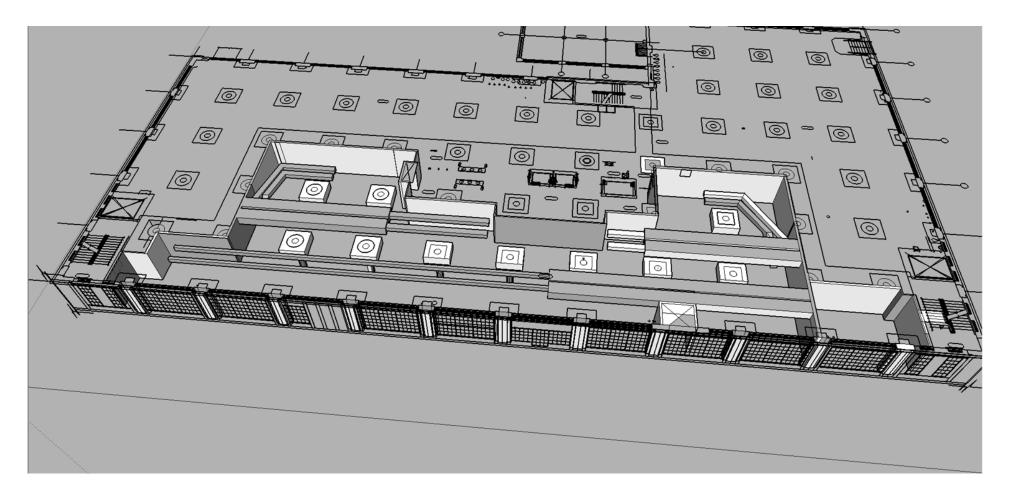




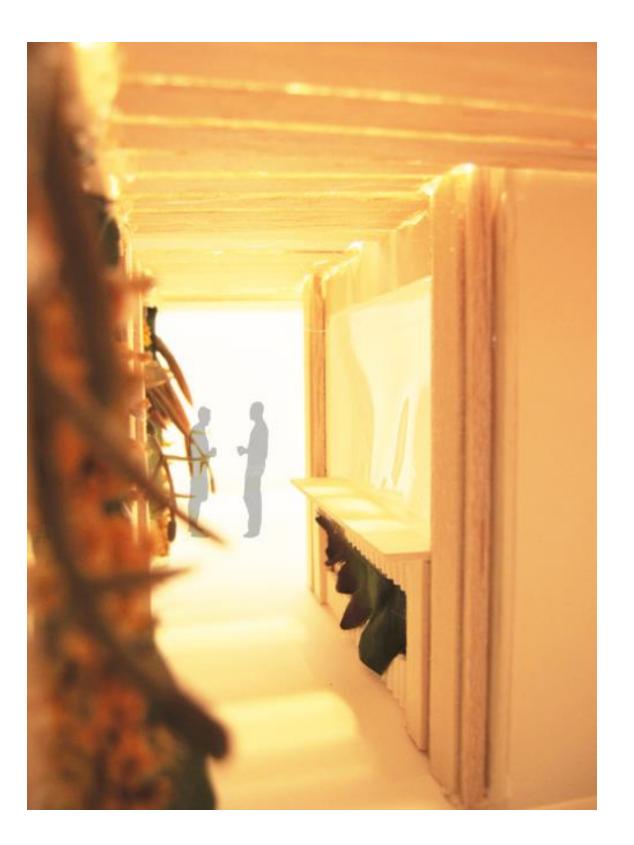


Assignment 9 – Rachel DiGiovanni Systems RCP



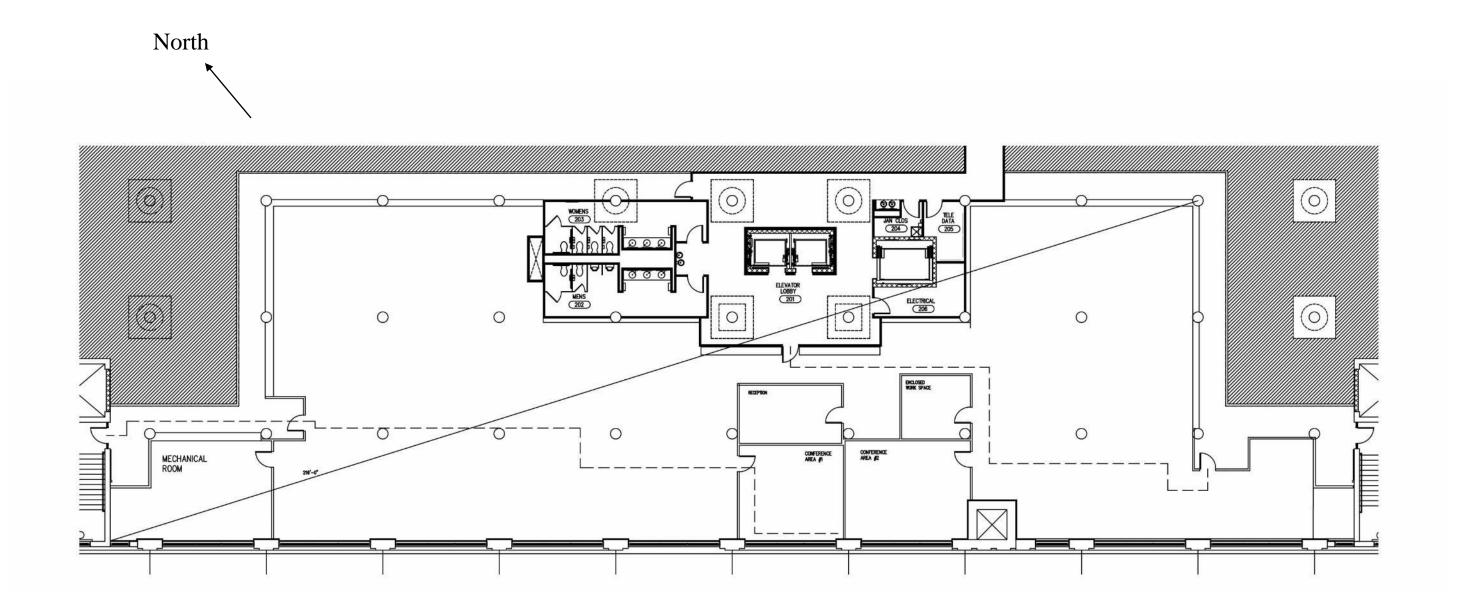


Assignment 9 – Rachel DiGiovanni Systems RCP





Assignment 10 – Rachel DiGiovanni Lighting Model



Assignment 11 – Rachel DiGiovanni AutoCAD Life Safety Plan

Building Cons	truction	and Occu	pancy	~		-						
Construction	n Type	Sprin	klers?	Occupa	ncy Type							
Type I		Y	es		В							
Exit Requirem	nents: Nu	mber and	Arrangem	ent of Ex	its	2						
1.0		# of Exits				Travel D	istance		Arrar	ngement: N	Aeans of Eg	gress
Space	Req	uired	Shown on Plans		Allowable	Distance	Actual I	Distance	Req'd D	istance	Actual Distance	
Designation							Shown	on Plans	Betwee	en Exits	Shown	on Plans
Suite 3200		2	3		300	0 ft	110'	-0" ft	108'-	-0" ft	216'-	0" ft
Notes:												
	()	A)	(B)			(C		Exit Width	(Inches)	
Use Group or	Area =	Sq. Ft.	Area per (Occupant	Calcu	lated	Egre	ss per	Required			Width
Space					Occupar	nt Load =	Occupant		(A/B)xC			
Designation					A	/B	Stair	Level	Stair	Level	Stair	Level
Suite 3200	10,2	00 ft	100	ft		02	0.3"	0.2"	31	20	3,121	2,081

Assignment 11 – Rachel DiGiovanni AutoCAD Life Safety Plan

Lumen/Zonal Cavity Calculation for Private Work Space

(Number of Lamps) x (Initial Lamp Lumens) x LLF x CU

Area

-Number of Lamps: (4x3) = 12

-Initial Lamp Lumens: $3(bulbs) \ge 350 = 1,050$ then, $1,050 \ge 4(total fixtures) = 4,200$

-LLF: LLD (.93) Fluorescent T8/830 x LDD (.7) = 0.651

-CU: 5(5.5)(12+13)

= 4.4 = 4 Then after checking the chart, CU = 29(12x13)

(12) x (4,200) x (0.651) x (29)

156 = approx. 6,099

Assignment 11 – Rachel DiGiovanni Lighting Analysis

Photometric Data

CREE BR30 Series – LED Reflector Lamp -65W equivalent flood lights deliver 650 lumens of warm 2700K or cool 5000K light at 68 lumens per watt -Qualified and designed to last 25,000 hours while consuming at least 85% less energy -Delivered Light Output: 650 lumens Input Power: 9.5 Watts (65W eq)

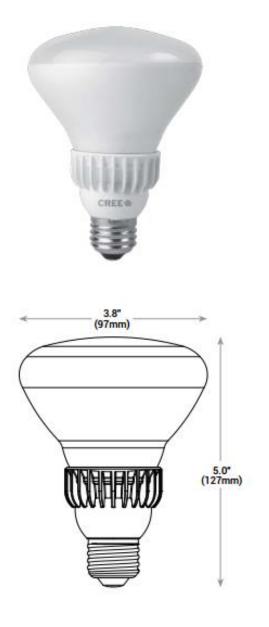
CRI: 80 ССТ: 2700К, 5000К Physical Dimensions: 3.8" (97mm) x 5.0" (127mm)

CONSTRUCTION & MATERIALS

- BR30 reflector bulb design weighs less than 6.5 ounces
- Silicon coated globe for increased safety
- Reflector bulb meets ANSI standards for BR30 dimensions

ELECTRICAL SYSTEM

- Power Factor: > 0.9 nominal
- Input Voltage: 120V
- Dimming: Dimmable to 5% with select dimmers



Assignment 11 – Rachel DiGiovanni Lighting Analysis