

PORTFOLIO THREE



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IDSN 3600
Interior Design III Systems
Fall 2014



Concept Statement

Movement and Stability:

- The location of Art and local business
 - Art being a big part of Richmond because of VCU: Movement
 - Business such as Law and medicine gives structure: Stability
- Movement will show concept areas where as Stability will be quiet work areas

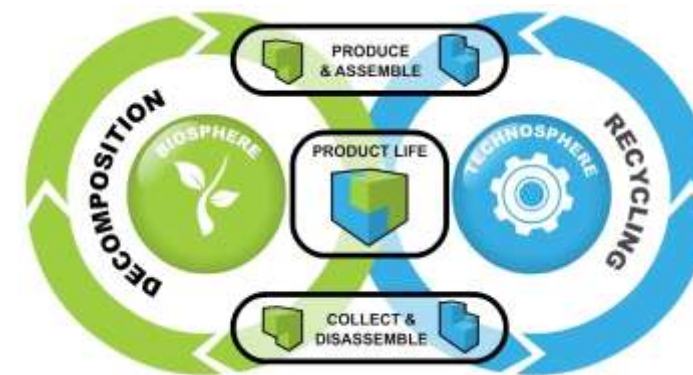


Sustainability Statement

- Recycled Woods
- Recycled Carpets/Flooring
- Eco-Friendly Lighting
- Embodied energy

Adaptive reuse of Building

The materials will not just be previously recycled, but can also be broken down and re-used when carpet needs to be changed with the idea of Cradle to Cradle

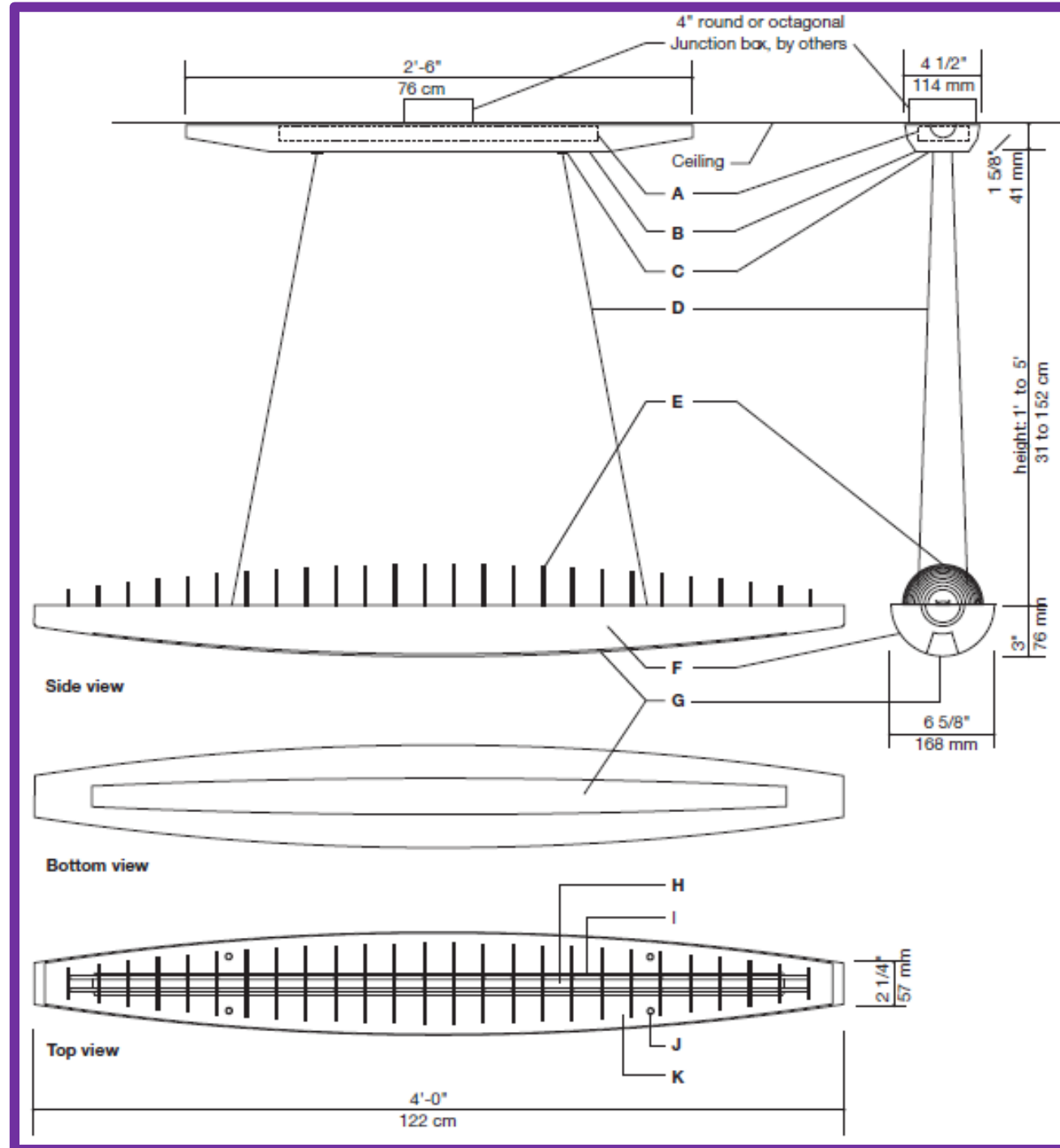


Lumen/Zonal Cavity Calculation for Executive Office

$$\text{Room Cavity Ratio: } \frac{5(8.67)(14+10)}{143} = 7.28$$

$$\text{Maintained fc: } \frac{(2 \times 2) \times (10,000) \times (.9 \times .85) \times (37)}{10,200} = 111$$

Photometric Data



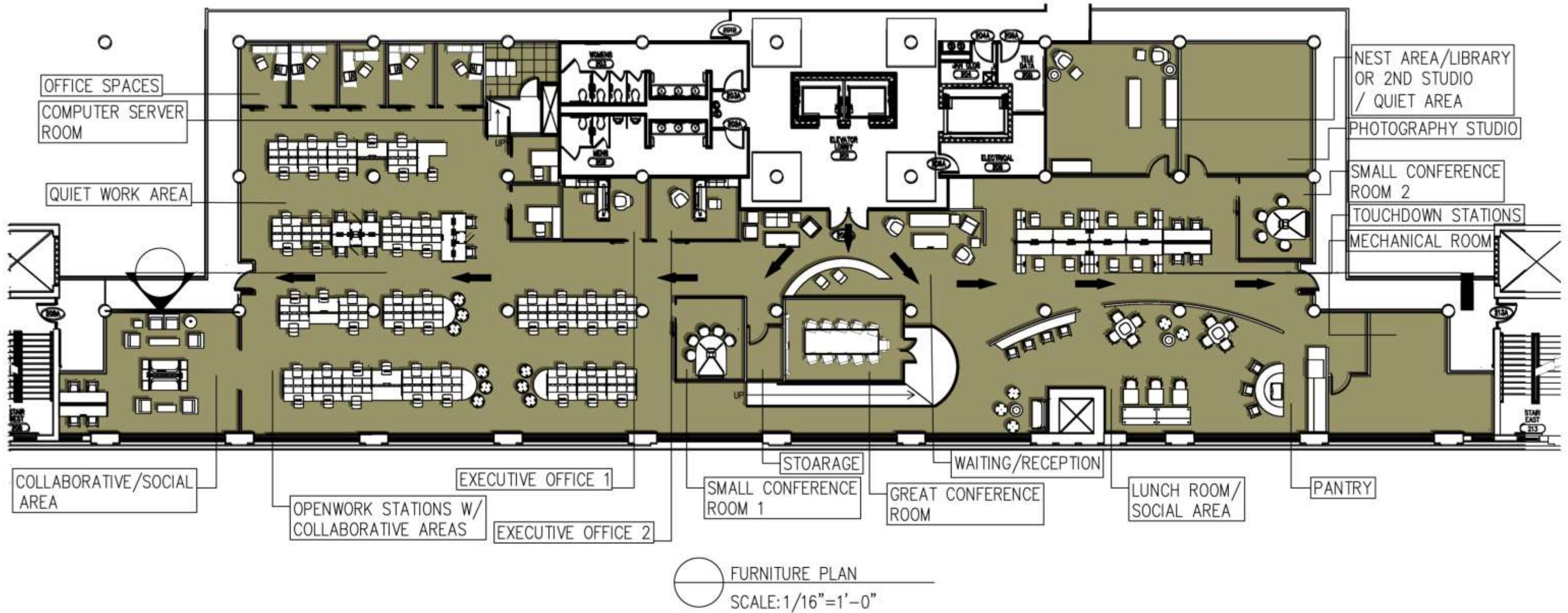
- A Mounting Chassis
- B Aluminum Canopy
- C Black Plastic Grommet
- D Suspension: Poles or Cables
- E Grille (option kit)
- F Aluminum Shell
- G Lens (Direct/Indirect only)
- H T5 Lamp
- I Tension Rods and Spacers
- J Pole or Cable Attachment Point
- K Reflector

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

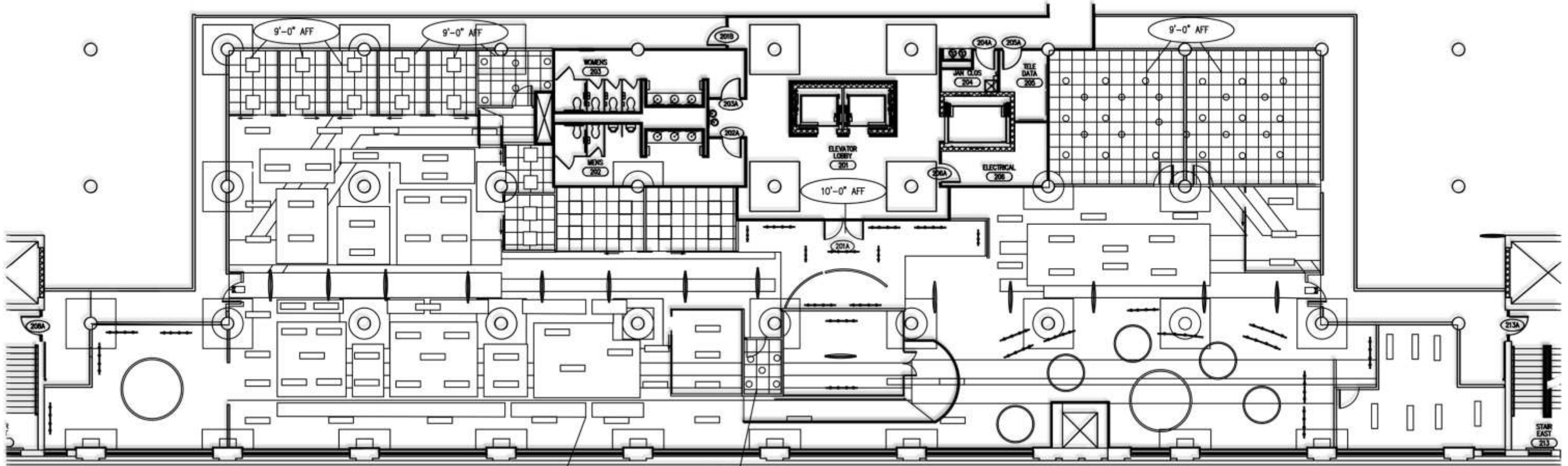
EFFECTIVE FLOOR CAVITY REFLECTANCE .20

RC	80				70				50				30			
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10		
0	202	202	202	202	184	147	184	184	150	150	150	120	120	120		
1	175	162	151	141	157	147	137	128	117	110	103	90	85	80		
2	155	136	121	108	139	123	109	98	97	87	78	74	66	59		
3	139	117	99	85	125	105	90	77	83	71	61	62	54	46		
4	126	101	83	69	113	91	75	63	72	59	50	54	44	37		
5	115	89	71	58	102	80	64	52	63	50	41	47	38	30		
6	105	79	61	48	94	71	55	44	56	43	34	42	32	25		
7	96	70	53	41	86	63	48	37	50	38	29	37	28	21		
8	89	63	47	36	80	57	42	32	45	33	25	34	25	18		
9	83	57	41	31	74	51	37	28	41	30	22	31	22	16		
10	77	52	37	27	69	47	33	24	37	26	19	28	20	14		

Rendered Floor Plan



Rendered Ceiling Plan



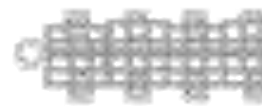
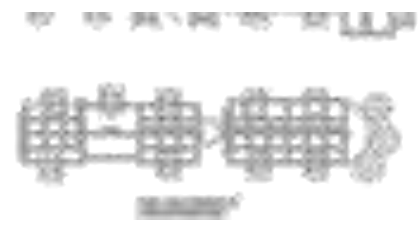
REFLECTED CEILING PLAN
SCALE: 1/16" = 1'-0"

	LIGHTED EXIT SIGN		SUSPENDED LIGHTING
	SUSPENDED FIXTURE		SUSPENDED LIGHTING
	TRACK LIGHTING		RECESSED LIGHTING
	TRACK LIGHTING		SUSPENDED FIXTURE
	3'-0" DIA SUSPENDED PENDANT		RECESSED LIGHTING
	5'-0" DIA SUSPENDED PENDANT		

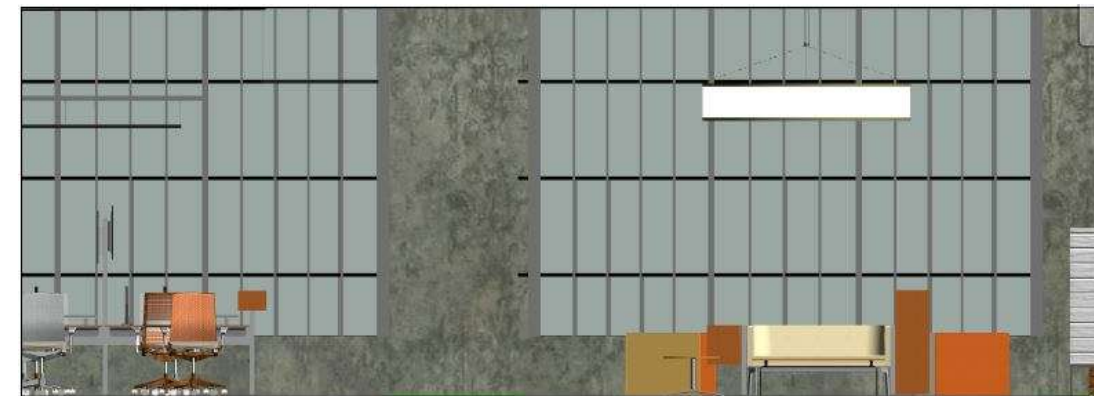
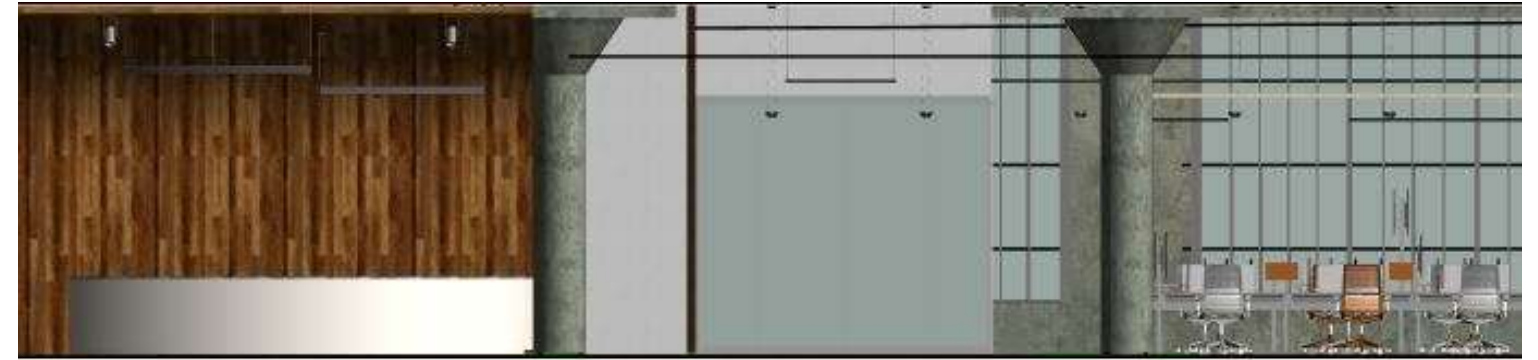
CLOUDS
10'-0" AFF TYP.

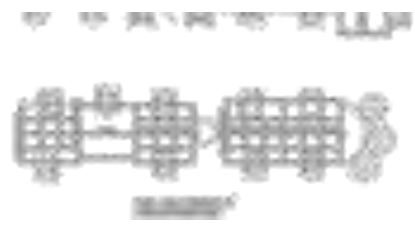
9'-0" AFF

13'-0" AFF TYP.

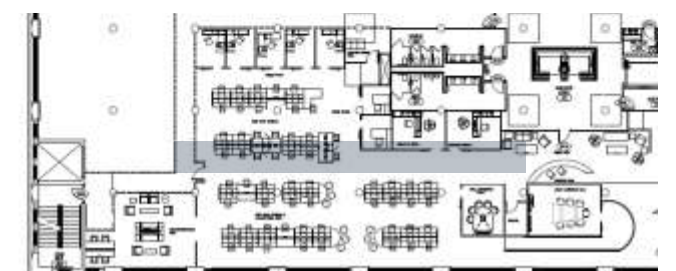


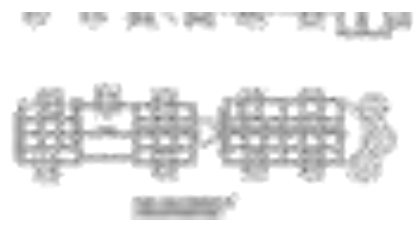
Section Views



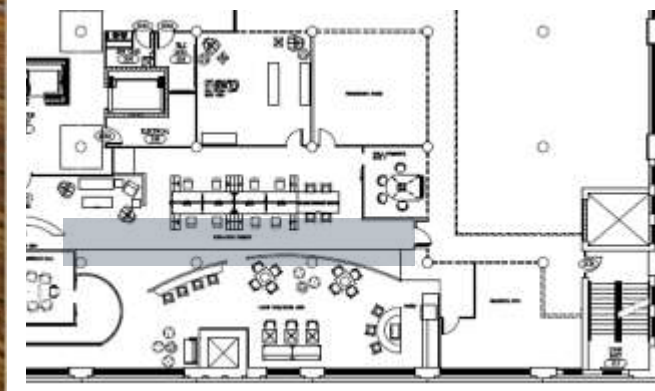


Corridor Scenes





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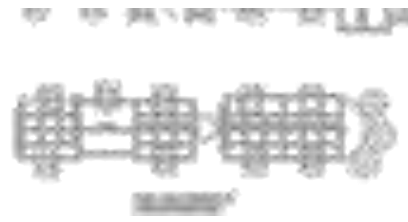


Reception Area

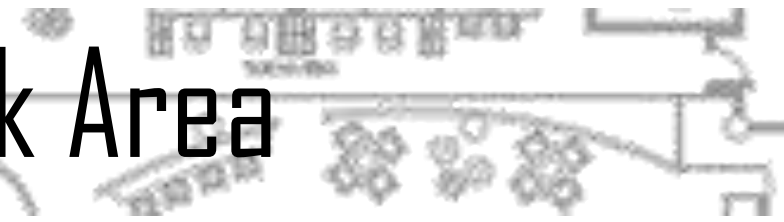


Finishes & Materials

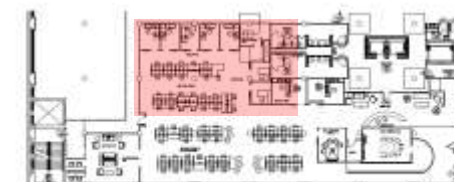




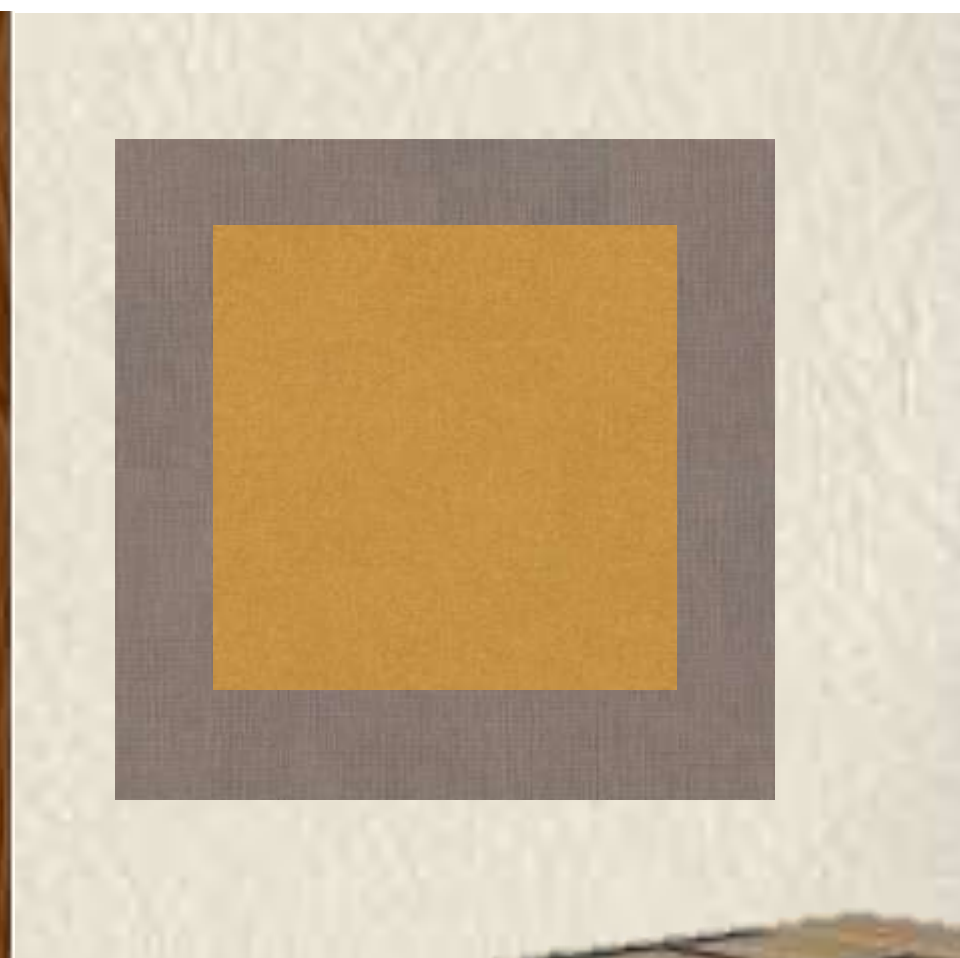
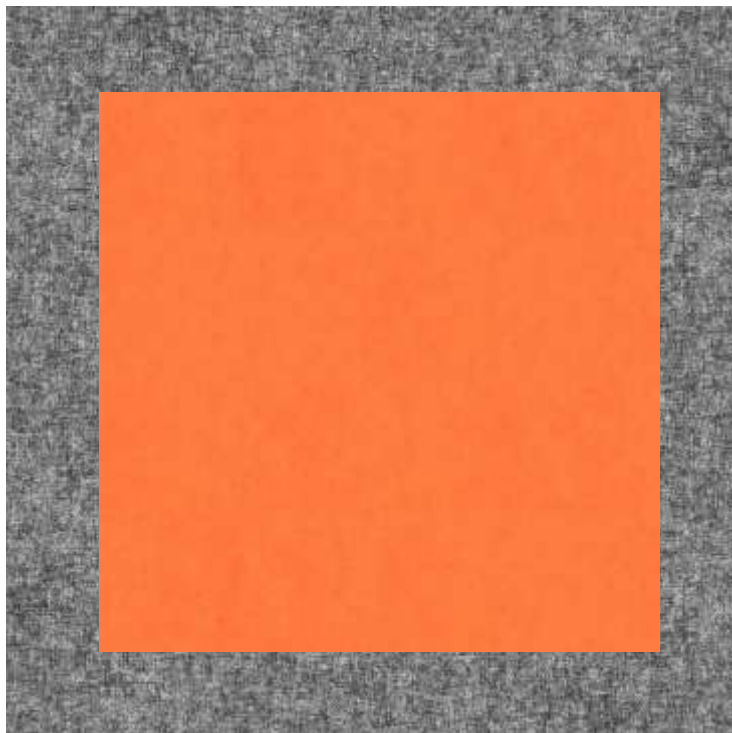
Collaborative Work Area

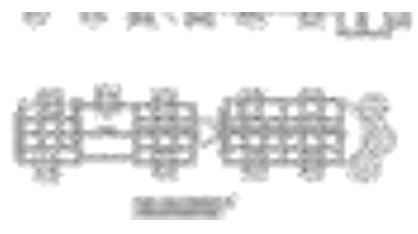


Quiet Work Area



Finishes & Materials



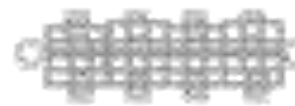
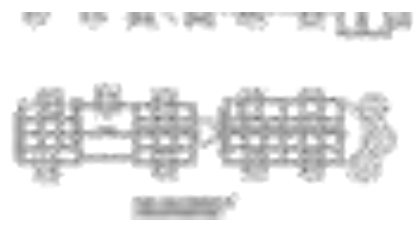


Touchdown Spaces



Finishes & Materials





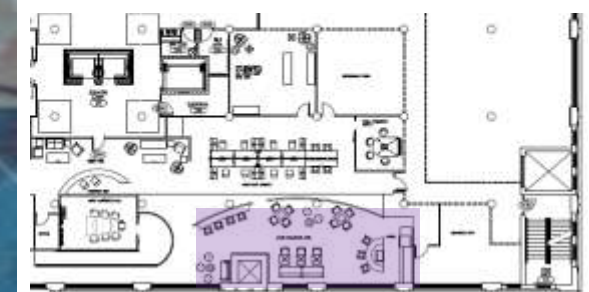
Lounge Area

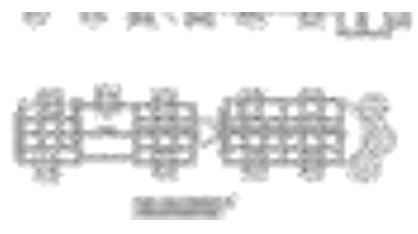


Finishes & Materials



Lunch/Pantry Area





Finishes & Materials

