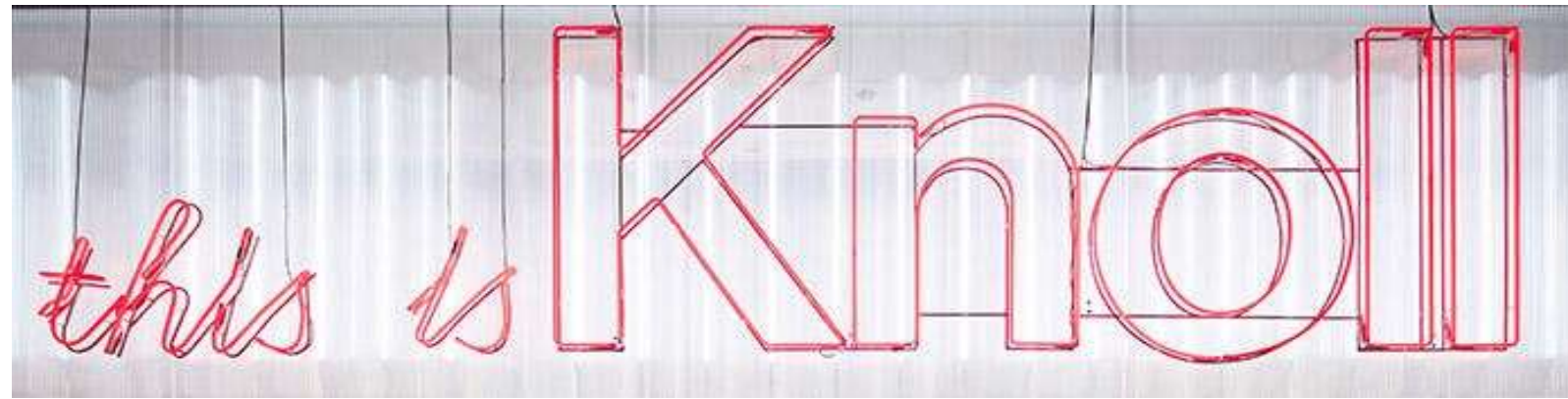


MAEPOP DESIGNS



Assignment One: Team and Client Identity /
Research

Mandy Vignali, Amy Stasuk, Elizabeth Ray



Who They Are

Knoll is a furniture manufacturer that produces furniture, office system, textiles, and accessories. They have been internationally recognized since 1938. They were founded by Hans Knoll in New York City while its Headquarters is located in East Greenville, Pennsylvania. Manufacturing sites for Knoll are in North America and Italy.

What They Do

Knoll developed the idea of modern offices and the profession of interior design. They set standards to meet practical needs within the workplace. The company works to inspire new people to have a dedicated and innovative desire for designs.

Who They Need

A modern and exciting design for the Knoll showroom in The Merchandise Mart located in Chicago, Illinois. A fun and upbeat place where different products from Knoll can be shown and appreciated to their full potential.

Research

LEED Building Credits

- LEED (Leadership in Energy and Environment Design): most widely used green building rating system in the world
- Must register your project and apply for the certification:
 - Comply with environmental laws
 - Be a permanent building
 - Reasonable site boundary
 - Comply with minimum floor area and occupancy requirements
- All **Knoll** products undergo Life Cycle Assessments (LCAs) during design and development to measure potential environmental impacts
- Cradle-to-Gate, Gate-to-Gate, Gate-to-Grave
- Knoll has many LEED Credit products, including: Antenna Workspaces, Dividends Horizon, and Reff Profiles



Embodied Energy

- Total energy required for the extraction, processing, manufacture and delivery of building materials to the building site
- Energy consumption produces CO₂, which contributes to greenhouse gas emissions
- Measured as the quantity of non-renewable energy per unit of building material
- Can reduce embodied energy by....
 - Using lightweight construction
 - Selecting appropriate materials that factor in climate, availability, and transportation
 - Redesign buildings instead of creating new ones

MAEPOP DESIGNS



Assignment Two: Space Program

Support

PERSONNEL

Position	Support/Equipment		Unit Square Ft.	Extended Sq. Feet	Location	Notes
	Current	Future				
				0		
Workstation 1 6x6		35	36	1260		
				0		
Workstation 2 6x8		40	48	1920		
				0		
Workstation 3 8x8		40	64	2560		
				0		
Enclosed Offices 10x10		16	100	1600		
Enclosed Offices 12x10		9	120	1080		
				0		
				0		
				0		
				0		
				0		
Personnel Totals:	0	140		8420		

Department Summary Information:	
Personnel	8420 Square Ft.
Equipment	8870 Square Ft.
Sub Total:	17290 Square Ft.
Circulation	1.54
Total Program Usable:	26627 Square Ft.
Total Plan Usable:	18037 Square Ft.

Interviewee:
 Interview Date:
 Revision Submitted:
 Sign Off:

SUPPORT/EQUIPMENT SPACES

Space	Support/Equipment		Unit Square Feet	Extended Sq. Feet	Location	Notes
	Current	Future				
				0		
Reception		1	400	400	Direct access to Broadcast, Executive, Mktg	Waiting for 6, TV's
				0		
Conference Room		3	252	756	Shared by all areas	Full AV
Lounge Area		1	4500	4500		
Sample Libraries		2	800	1600		Work counter, outlets
Conference Room 2		1	364	364		
Conference Room 3		5	120	600	Spread throughout	Work counter
Pantry		1	200	200	Spread throughout	Coffee, sink, refrigerator, cabinets
Lunch Room		1	450	450		Full kitchen, seating
				0		
				0		
		1		0		
				0		
Support Totals:				8870		

Department Notes:
 storage is incorporated in workstation areas

MAEPOP DESIGNS



Assignment Three: Site Evaluation, Concept Statement, Challenge Resolution Statement 1, and Inspiration Images

Site Evaluation- Merchandise Mart



Concept Statement

Bauhaus Movement and the **stimulation** it brought to **modern design**

- Bauhaus movement was a leading artistic power in Germany.
- Experimenting with new materials and forms entailed a whole new living environment.
- Creativity and manufacturing were drifting apart, and the Bauhaus aimed to unite them

Knoll: "Our vision is carried forward today by the most talented contemporary designers to bring order and beauty to life and work"



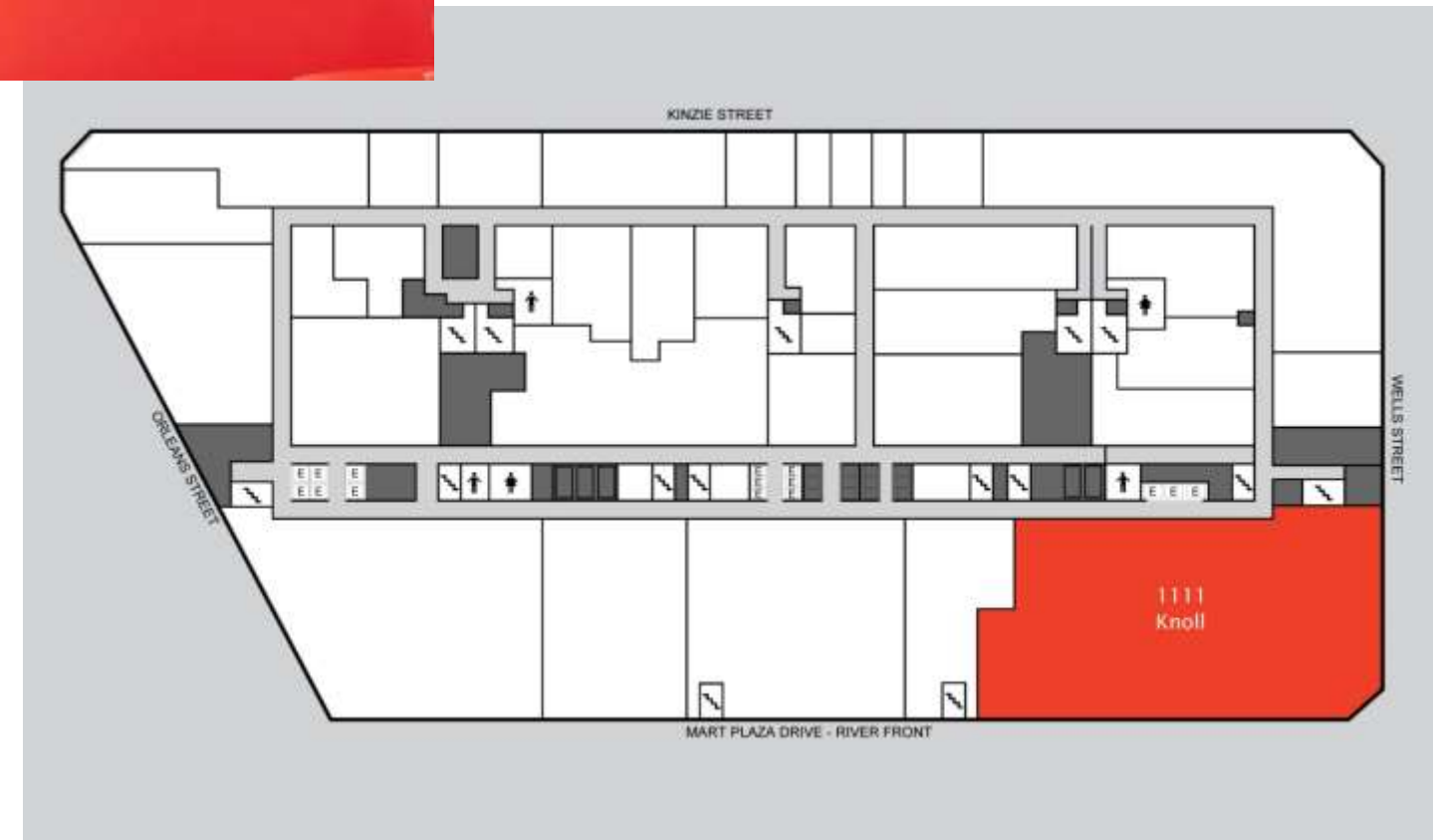
These Knoll philosophies + Bauhaus design principles based on the Bauhaus Movement will aid the designers to create a space using stimulating colors, textures, and other elements that is reviving and intriguing to anyone who enters.

Challenge Resolution Statement

- Engaging and attracting the client to Knoll office approach
- Creating a stimulating environment for client as soon as they enter the showroom

**Knoll is
Modern Always
because modern
always works.**

- Column locations
 - designing around existing architecture
- Concept integration
 - being sure concept is apparent throughout the design



Inspiration Images

