The Commons: Oxon Hill Branch Library

the Neighborhood DesignCenter

6200 Oxon Hill Rd Oxon Hill, MD 20745 Project #: 3705 July 2022

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NDC Volunteers: Simi Marinho, Alejandro Finol, Amthul Ibramsha, Cheryl Dixon, Feyi Quadri, Kim Gabosch, Lindsay Nier

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Introduction

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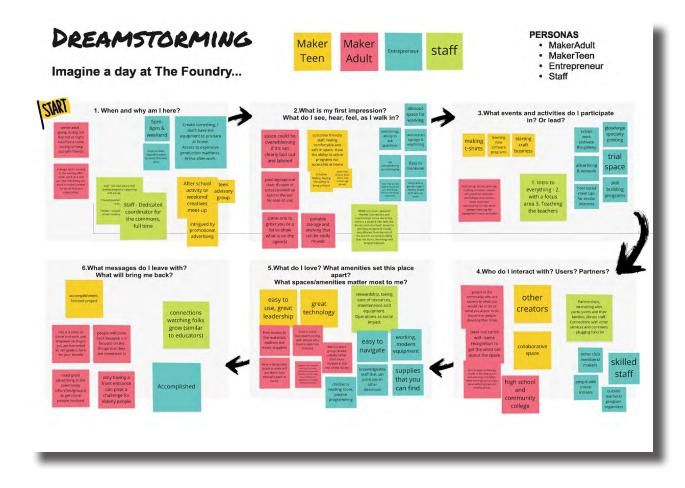
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Overview Stakeholder Meetings Visioning Activities





ACTIVITY MENTIMETER

Description: Prior to this presentation, two stakeholder conversations occurred. The first one was with the larger PGCMLS leadership team, NDC, and Gensler. The focus group visioning session included activities to ideate and establish goals of what the Foundry would be.

The second stakeholder meeting reviewed initial space plans and concepts of how the Foundry could operate within the Oxon Hill branch. This meeting provided incredibly valuable feedback and more detail about the potential users of the space, concerns anticipated, and specific program needs that should be accommodated.

RANK THE ACTIVITIES YOU'D LIKE TO SEE AT THE FOUNDRY











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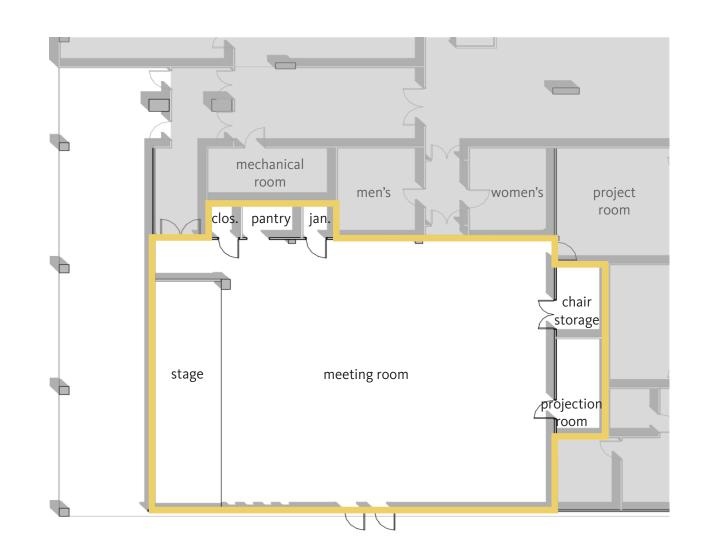
Existing Conditions Analysis











Description: The existing space that the Foundry will be located in at the Oxon Hill Branch Library is currently within the multipurpose meeting room and adjacent service areas. The finished spaces consist of a meeting room, chair storage, projection room, janitors closet and a small pantry area.



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Goals & Principles

At the Foundry, the space should feel... like a **creative** hub, where users experience a sense of **ownership** and being in **ones' own space**.

The makers at the Foundry should feel **supported** in this space while having the **independence** to safely develop and build at their craft.

Activities in the Foundry will enhance communal **shared experiences** and promote **entrepreneurial** opportunities for users, unique to them.

The Foundry should feel **inventive** and allow hybrid learning with special **technology/software** offered in the space.



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Key Challenges

Spatial Challenges

- · Ingress and Egress from main parking
- Varying ceiling height in adjacent support spaces
- Structural elements randomly located throughout the space
- Power supply ports located along room perimeter

Programmatic Challenges

- Disconnected from main library
- Security concerns with storage of collateral and technology
- Sound pollution impacting library during different functions/ events
- Level of technology required relative to user needs and capabilities
- Staffing in space resulting in limited hours of operation

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Key Challenges (continued)

Item	Ideal Quantity	Minimum Quantity	Fixed/Moveable	Category	Notes	Shared resources
Mac design computers	4	3	Fixed	Architectural Design		General: 8 Laptops with software - Moveable
Autocad stations	6	3	Fixed	Architectural Design		General: 8 Laptops with software - Moveable
Large LED Light Table	1	1	Fixed	Architectural Design	Can this double as top of storage?	Creative Corner: LED light drafting tablet
Drafting Table	2	1	Fixed	Architectural Design		Creative Corner: LED light drafting tablet
Laser Engraver (Glowforge)	2	1	Fixed	Creative Design	A laser engraver requires an exhaust system.	Creative Corner: Shared with Arch
Large Laminator	1	1	Fixed	Creative Design		Creative Corner: Shared with Arch
Screenprinting gear	1	1	Moveable	Creative Design		Creative Corner: Shared with Arch
Button making gear/supplies	1	1	Moveable	Creative Design		Creative Corner: Shared with Arch
Workshop Tables	16	8	Moveable	General		General:
TV/Projection Screen for demos and virtual engagem	4	1	Fixed	General		General: Ceiling
3D printers	5	3	Fixed	Creative Design		General: Print area
Color laser printer/copier combo (can print up to 11x	1	1	Fixed	General		General: Print area (Laser/Copier/Scanner)
Color laster printer (standard size)	1	1	Fixed	General		General: Print area (Laser/Copier/Scanner)
Flatbed Scanner	1	1	Fixed	Memory Lab		General: Print area (Laser/Copier/Scanner)
Large plotter printer	1	1	Moveable	Architectural Design		General: Print area
Cricut	2	1	Moveable	Creative Design		General: Print area
Project storage area (small lockers)			Fixed	General		General: Storage
Architectural tools supply area	1	1	Moveable	Architectural Design		General: Storage
Sewing misc supplies (scissors, etc.)			Moveable	Creative Design		General: Storage
Peg Board Wall for Tools	1	1	Fixed	General		General: Wall
Large Display Wall w/hanging or hooks	1	1	Fixed	General		General: Wall: Combo display/writeable/movea
Large Whiteboard/Smartboard combo across wall)	1	1	Moveable	General		General: Wall: Combo display/writeable/movea
Mac Mini M1 Chip late 2020	1	1	Fixed	Memory Lab	lab is about 12'L x 4'W	Memory Corner: backbone
Analog to SDI converter	1	1	Fixed	Memory Lab		Memory Corner: backbone
SDI to Thunderbolt	1	1	Fixed	Memory Lab		Memory Corner: backbone
SDI cable	1	1	Fixed	Memory Lab		Memory Corner: backbone
Thunderbolt 3 cable	1	1	Fixed	Memory Lab		Memory Corner: backbone
BNC male to BNC male 3 feet cable	2	2	Fixed	Memory Lab		Memory Corner: backbone
S-Video cable Male-to-Male 3 ft.	1	1	Fixed	Memory Lab		Memory Corner: backbone
1/4" dual TRS to 2 RCA Male Y-Cable	1	1	Fixed	Memory Lab		Memory Corner: backbone
Stereo RCA audio cables, Male-to-Male 6 Ft	1	1	Fixed	Memory Lab		Memory Corner: backbone
Time Base Corrector	1	1	Fixed	Memory Lab		Memory Corner: backbone
S-VHS to dual BNC cable	1	1	Fixed	Memory Lab		Memory Corner: backbone
VHS-C adapter	1	1	Fixed	Memory Lab		Memory Corner: backbone
S-VHS deck	1	1	Fixed	Memory Lab		Memory Corner: backbone
Composite Video/Stereo audio RCA M-M	2	2	Fixed	Memory Lab		Memory Corner: backbone
RCA Phono Female Jack to BNC Male Adapter	4	4	Fixed	Memory Lab		Memory Corner: backbone
Power conditioner	1	1	Fixed	Memory Lab		Memory Corner: backbone??
CRT Monitor	1	1	Fixed	Memory Lab		Memory Corner: Workstation
Monitor Headphones	1	1	Fixed	Memory Lab		Memory Corner: Workstation
Computer	1	1	Fixed	Memory Lab		Memory Corner: Workstation
Sewing Machines	8	4	Moveable	Textiles		Textile Corner: Dedicated space
Dress Forms	8	4	Moveable	Textiles		Textile Corner: Dedicated space
Thread/fabric supply area	1	1	Fixed	Textiles		Textile Corner: Dedicated space
Embroidery Machines	1	1	Moveable	Creative Design		Textile Corner: Dedicated storage
•	1	1	Moveable	Creative Design		Textile Corner: Dedicated storage
Babylock Machines						



Description: During our second stakeholders meeting, we received incredibly helpful feedback to identify specific zones for each desired Foundry activity. These comments were taken into account as we developed a revised space program that addressed each specific category.

We also were provided with a list of required equipment for the space and the respective activities that corresponded. Priority was set to accommodate all listed pieces, with recommendations made on where there was technology overlap.

Moving towards the final concept design, this new format houses an exhibit focused area, story telling memory lab, textile and fabric production space and an architecture work corner.







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Final Concept Design Space Diagram



Description: The revised design focuses on separating the space in two conceptual areas: create and display.

The maker space being the largest area in this program breakdown, highlights the creative production and work activities that will take place on a more regular basis within the library. The secondary space focuses on exhibiting work created in the Foundry, and displayed via presentations or storytelling.

The project specific activities are located along the corner concept, with larger support furniture pieces occupying the perimeter of each respective corner.

Building on the two conceptual areas, create and display, the activities in the Fouondry space are laid out to correspond with these themes.

Each corner houses fixed furniture elements to support the four main activities: architecture programming, textile work, storytelling and exhibit display. The central creative common area provides work space to support the activities of each corner.

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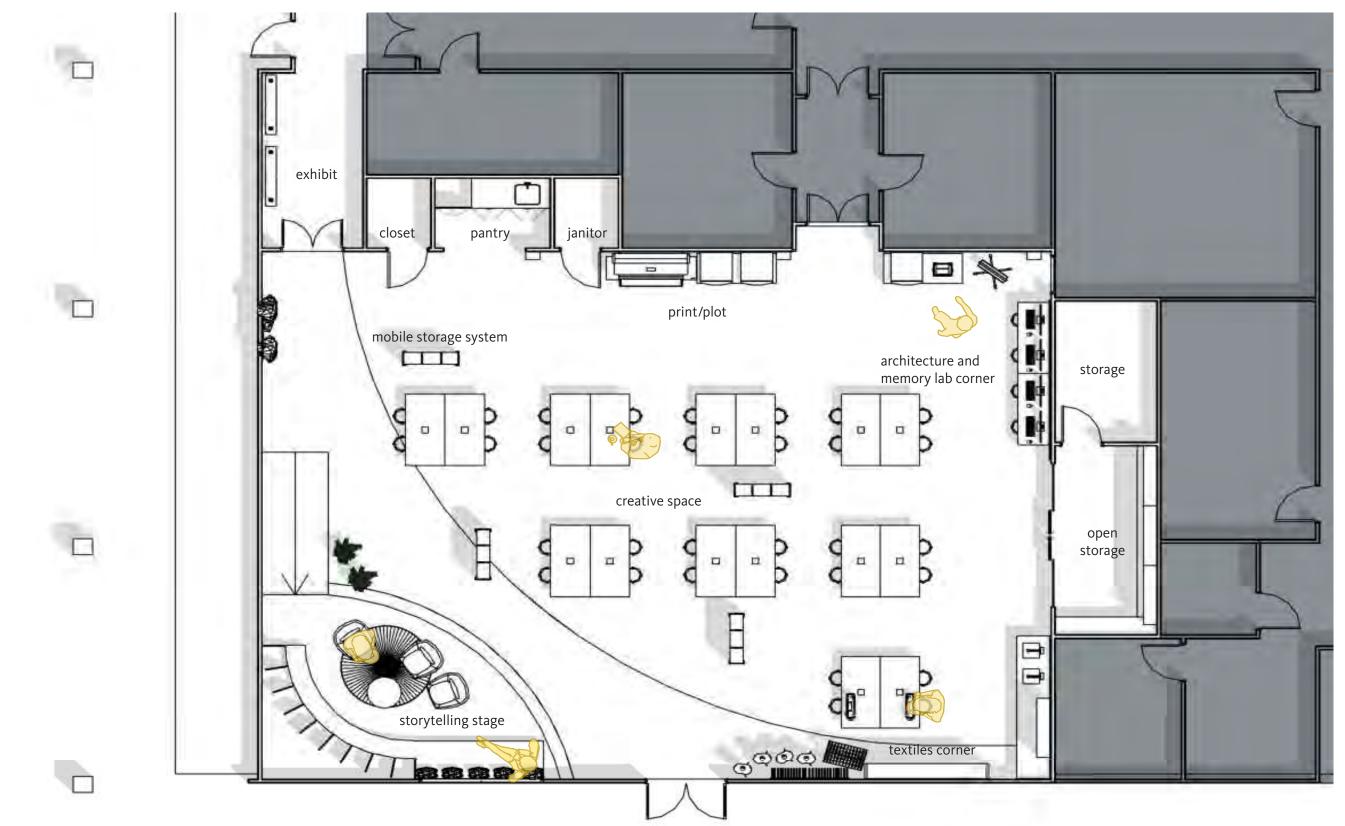
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Overall Plan Creative Design

Description: The final plan reflects a conscious effort to accommodate all required equipment to support the activities of a maker space: textile production area, storytelling memory lab, exhibits, and architecture program camps.

This design offers both fixed and flexible furniture which helps create "zones" in the space. Opportunity to reconfigure the furniture and allow for specific activities, supports establishing a regular schedule of Foundry events.





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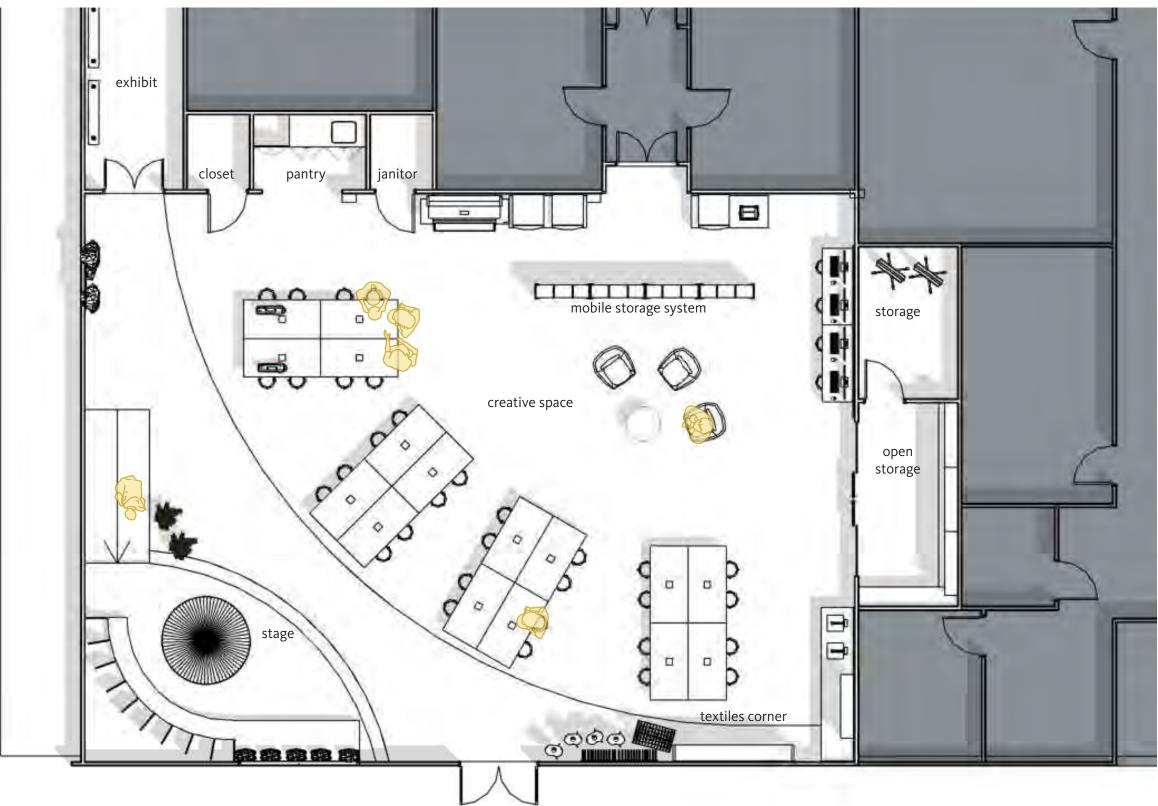
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Overall Plan Quilt Club

Description: This layout expresses how theflexible furniture can be configured to accommodate a weekly occuring activity we're identifying as the "Quilt Club".

Foundry patrons wanting to work collaboratively with others in an instructional textile activity, may find this layout beneficial. Mobile storage system units on casters can be moved to define areas and limit access to other fixed elements not in use.





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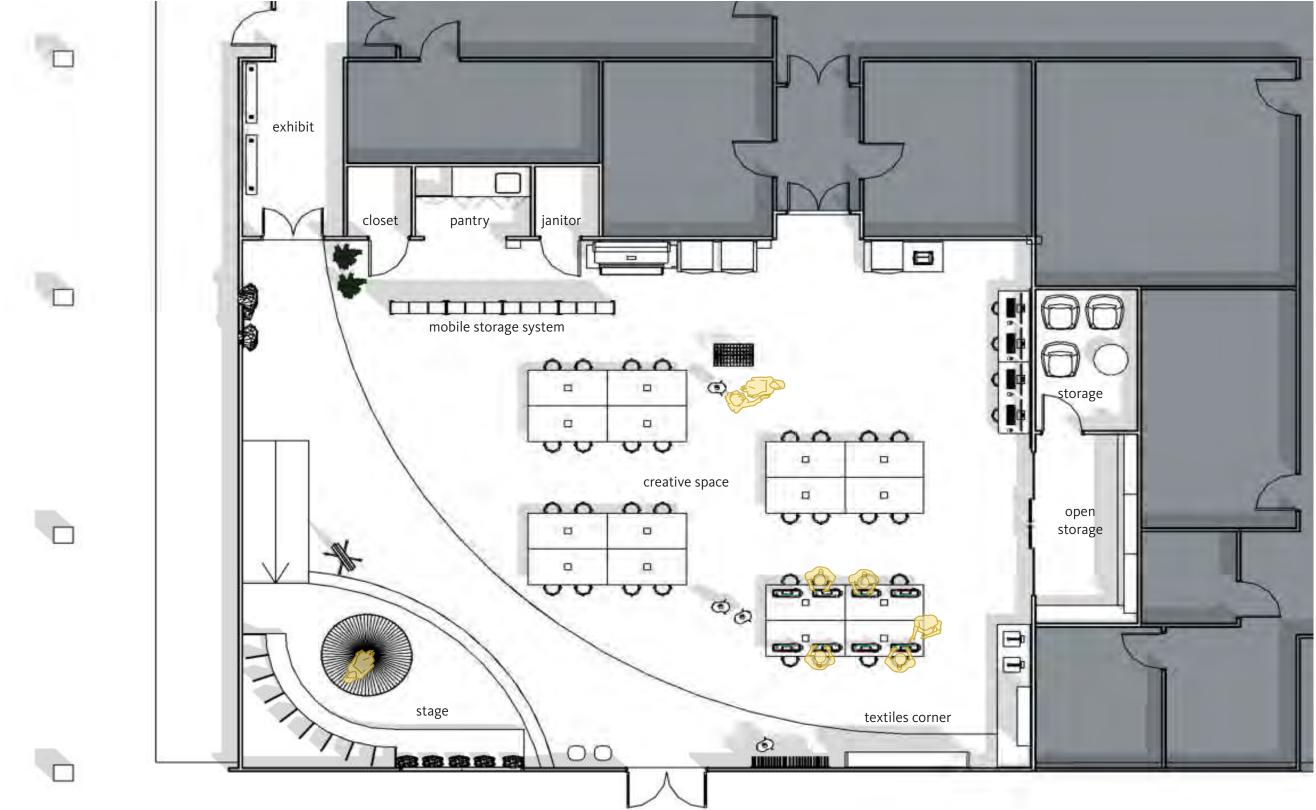
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Overall Plan

Fashion House

Description: This layout expresses how to accommodate an additional reoccuring activity we're identifying as the "Fashion House".

Creating work zones conducive to a design studio, this layout provides open access to the main stage for a runway type exhibition function. Mobile storage system units on casters can be moved to define areas and limit access to other fixed elements not in use.





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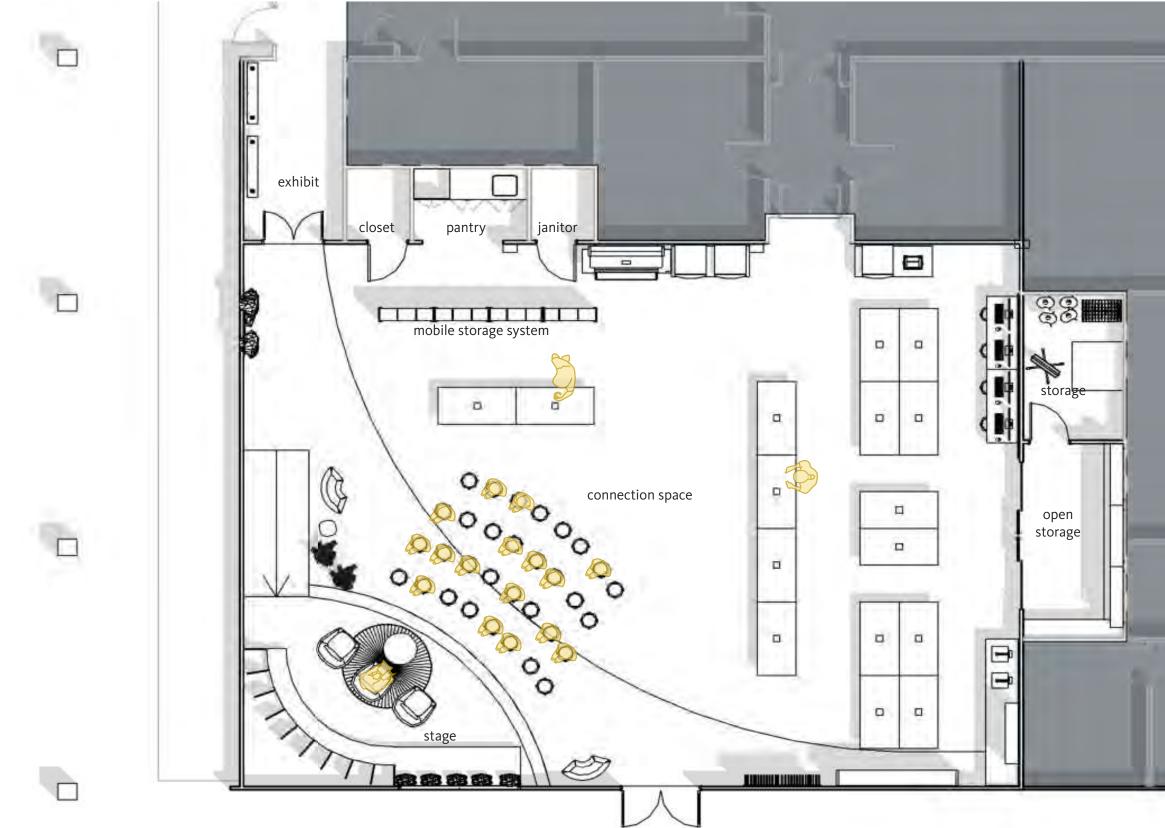
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Overall Plan Storytelling

Description: This layout expresses how to accomodate an assumed monthly reoccuring activity of "Storytelling".

The space is configured to seat attendees around the stage element for a presentation type assembly. Mobile storage units, along with tables not in use, can be moved to define the presentation area, potential reception layouts and limits access to other fixed pieces not in use.





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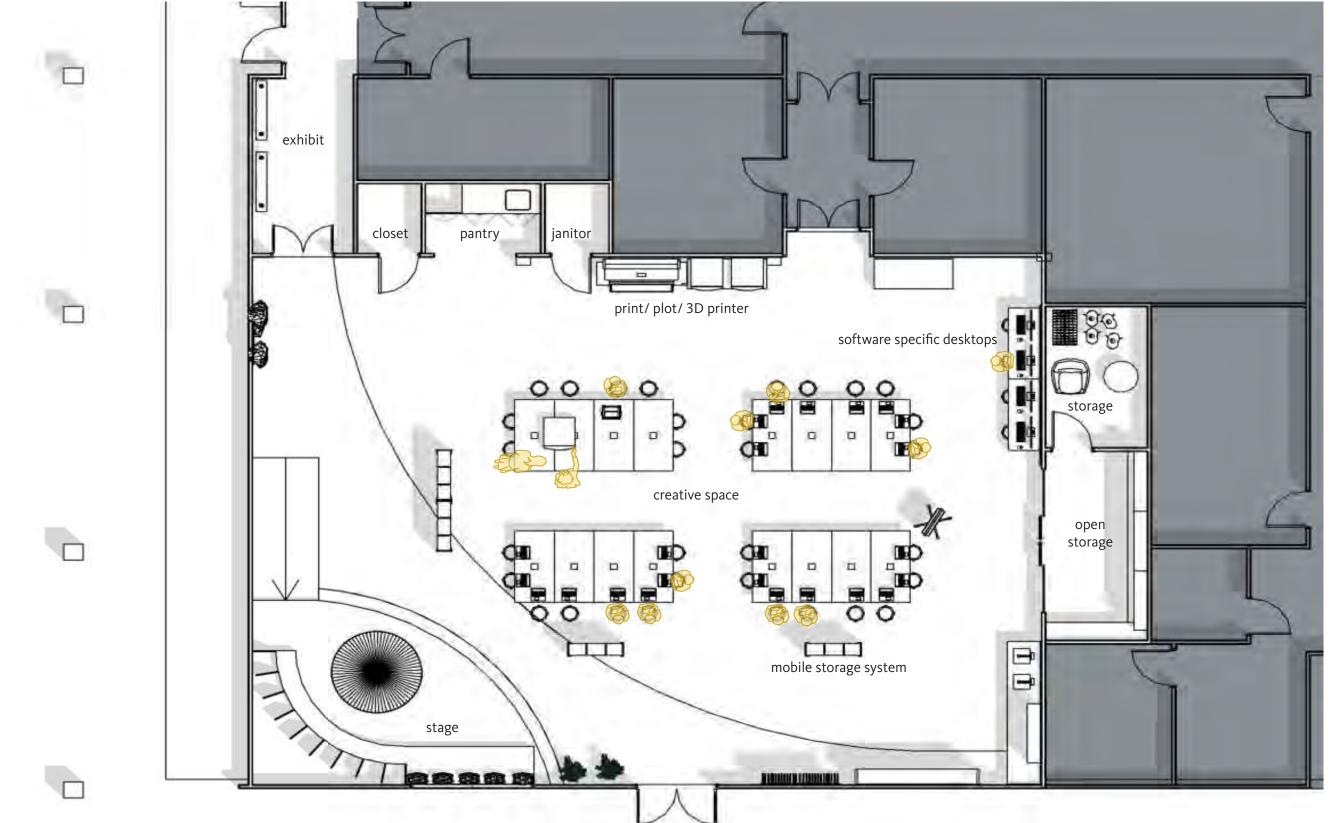
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Overall Plan Hip Hop Architecture Camp

Description: This layout expresses how to accommodate more seasonal reoccuring activities, such as "The Hip Hop Architecture Camp".

This space configuration accommodates participants in an instruction/ guided course type setting. Fixed storage spaces can hold movable elements not in use, such as the fashion house supplies in a secure capacity.





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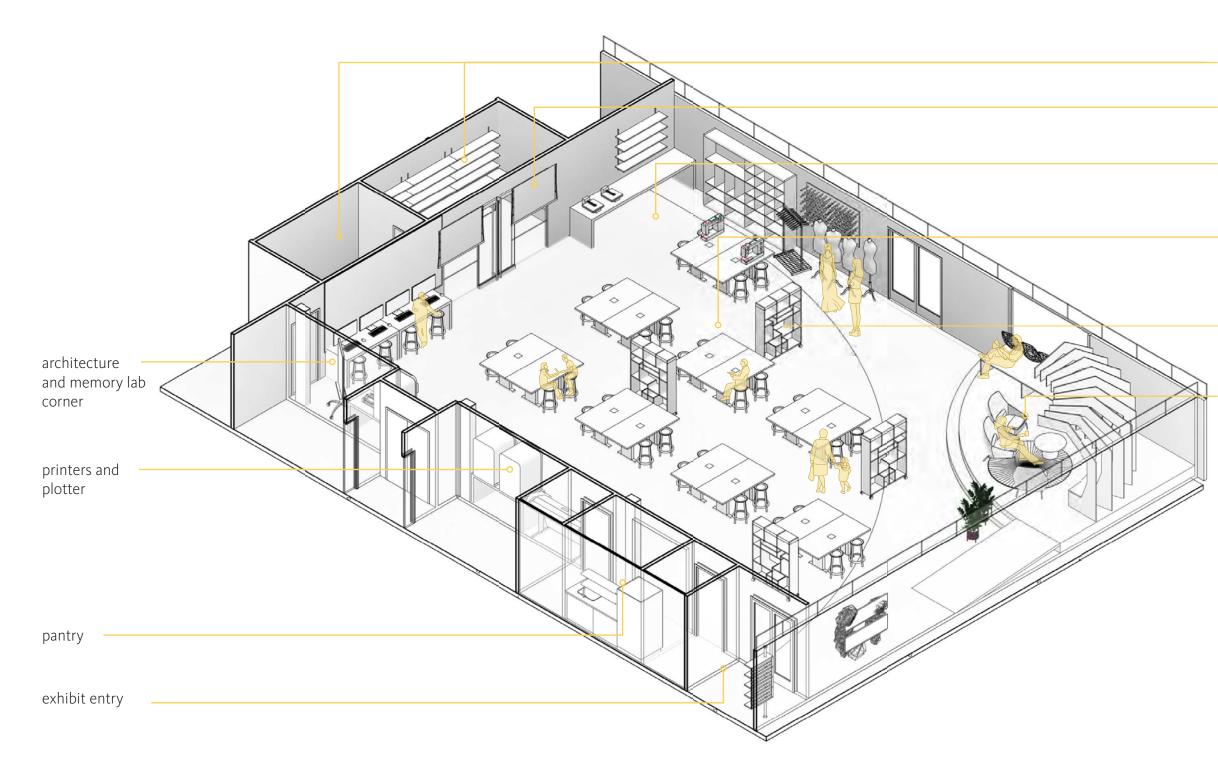
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Final Concept Design Axon View 1



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storage

presentation screens

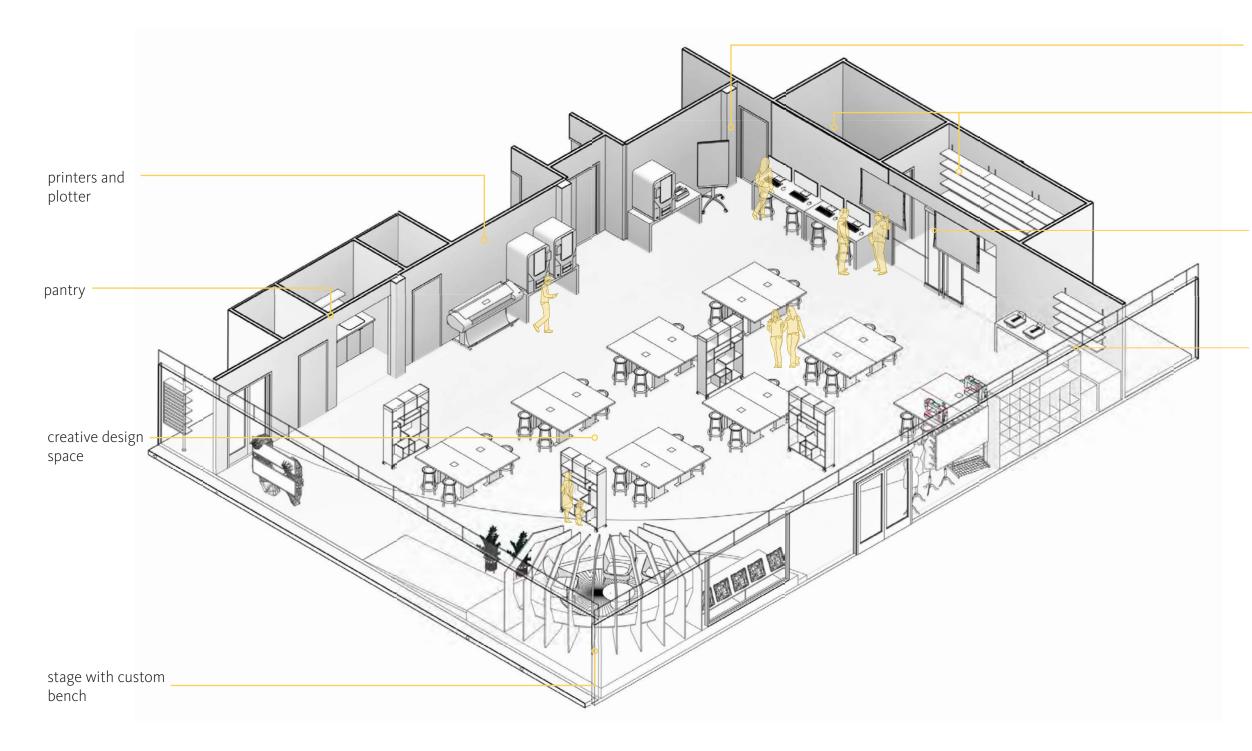
textile corner with fabric supplies

creative design space

mobile storage system

stage with custom bench

Final Concept Design Axon View 2





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architecture and memory lab corner

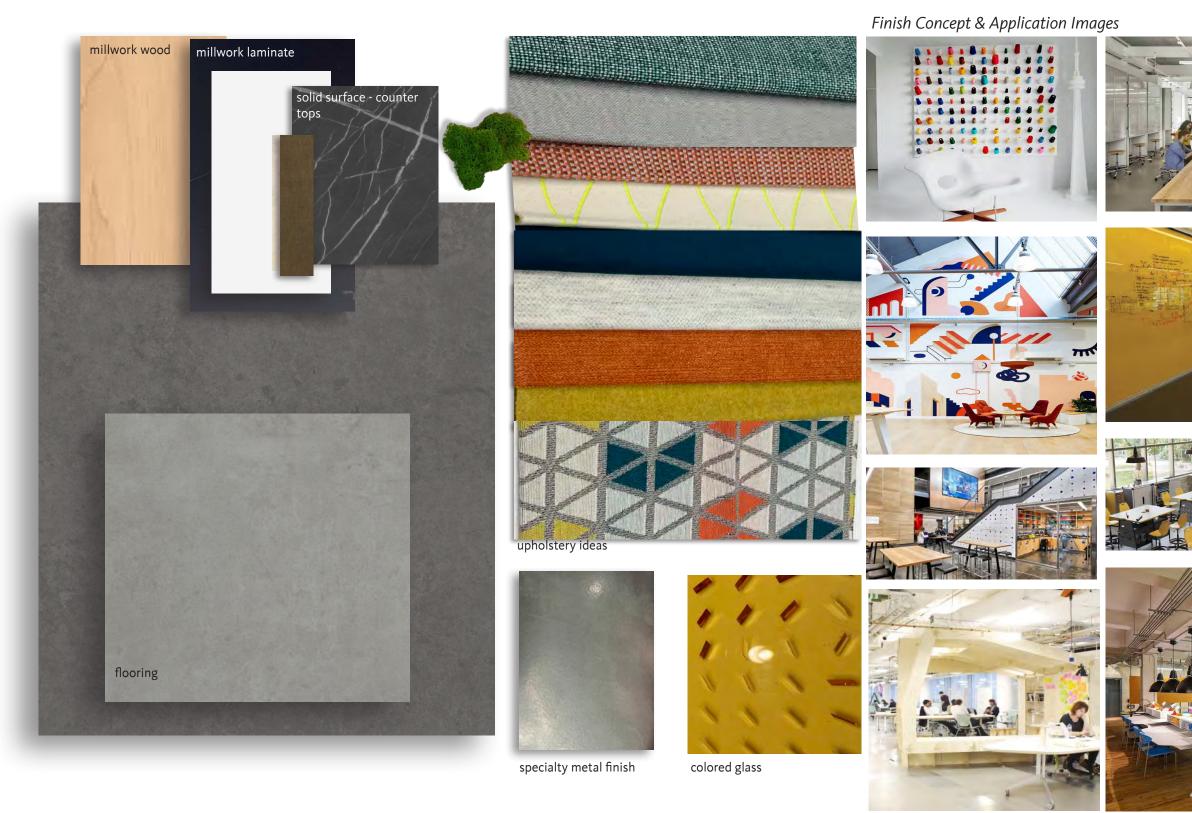
storage

presentation screens

fabric supplies

textile corner with

Final Concept Design Finish Palette













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Final Concept Design Library Entry View Rendering



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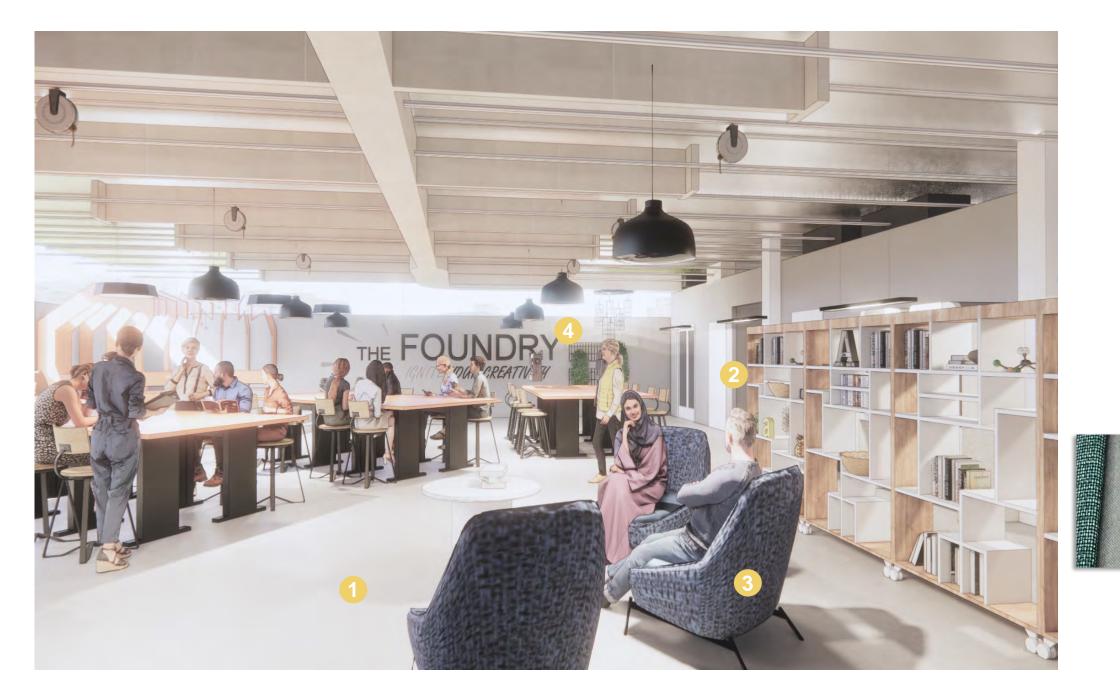
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Final Concept Design Library Entry View Rendering Materials



lighting ideas









sealed concrete floor



porcelain tile, matte milwork laminate, solid surface countertop, hardware



3 upholstery ideas



specialty finish ideas: acoustic wallcovering, patterned metal, texture glass, moss

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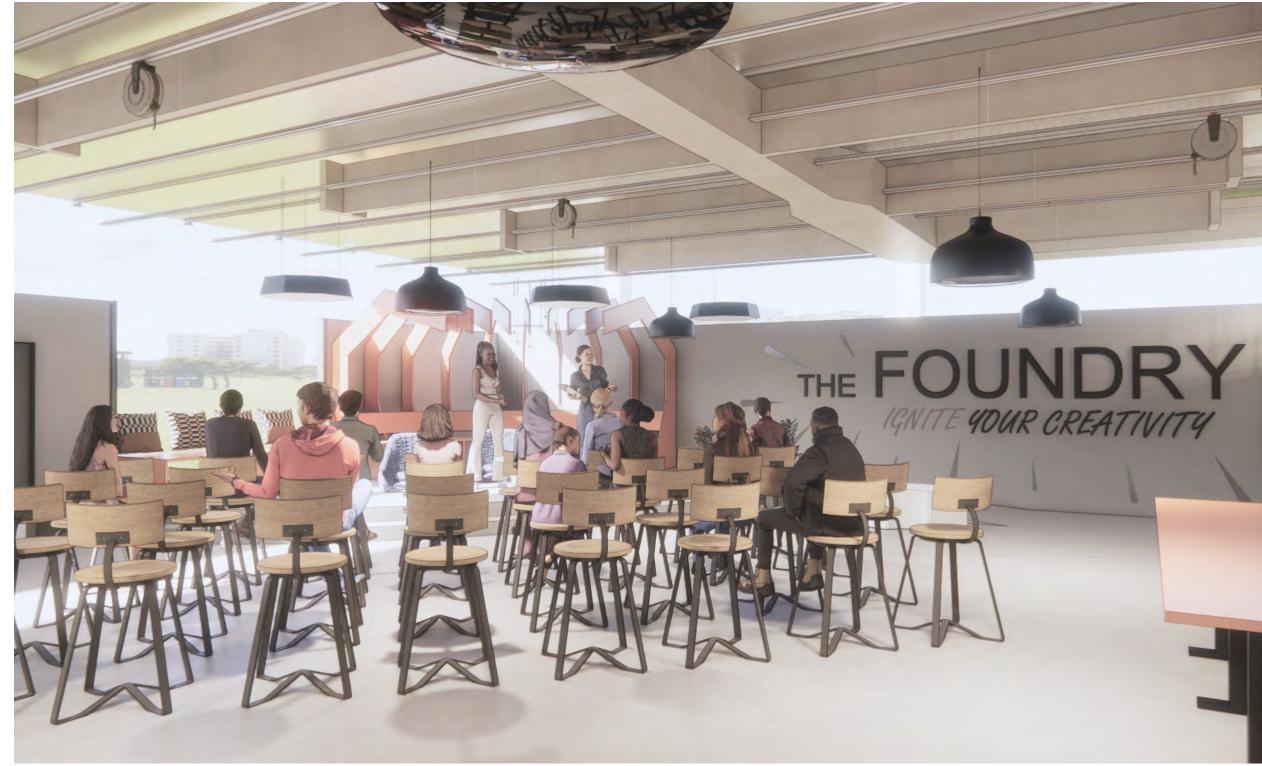
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Final Concept Design Stage View Rendering





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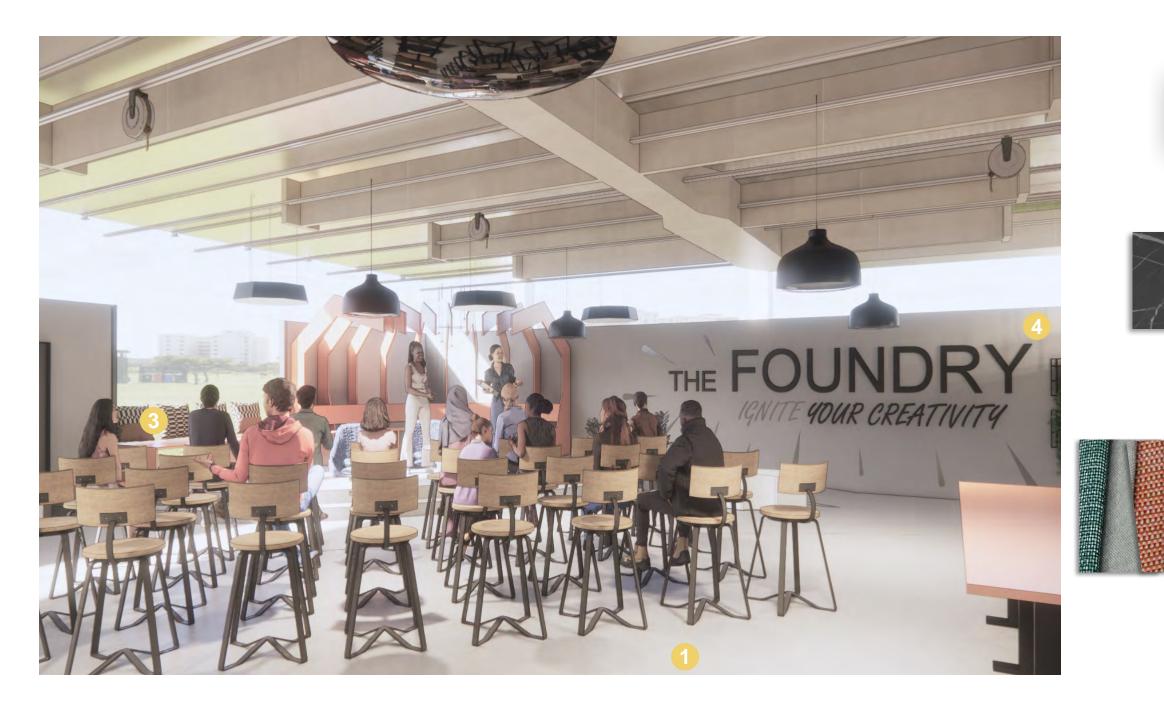
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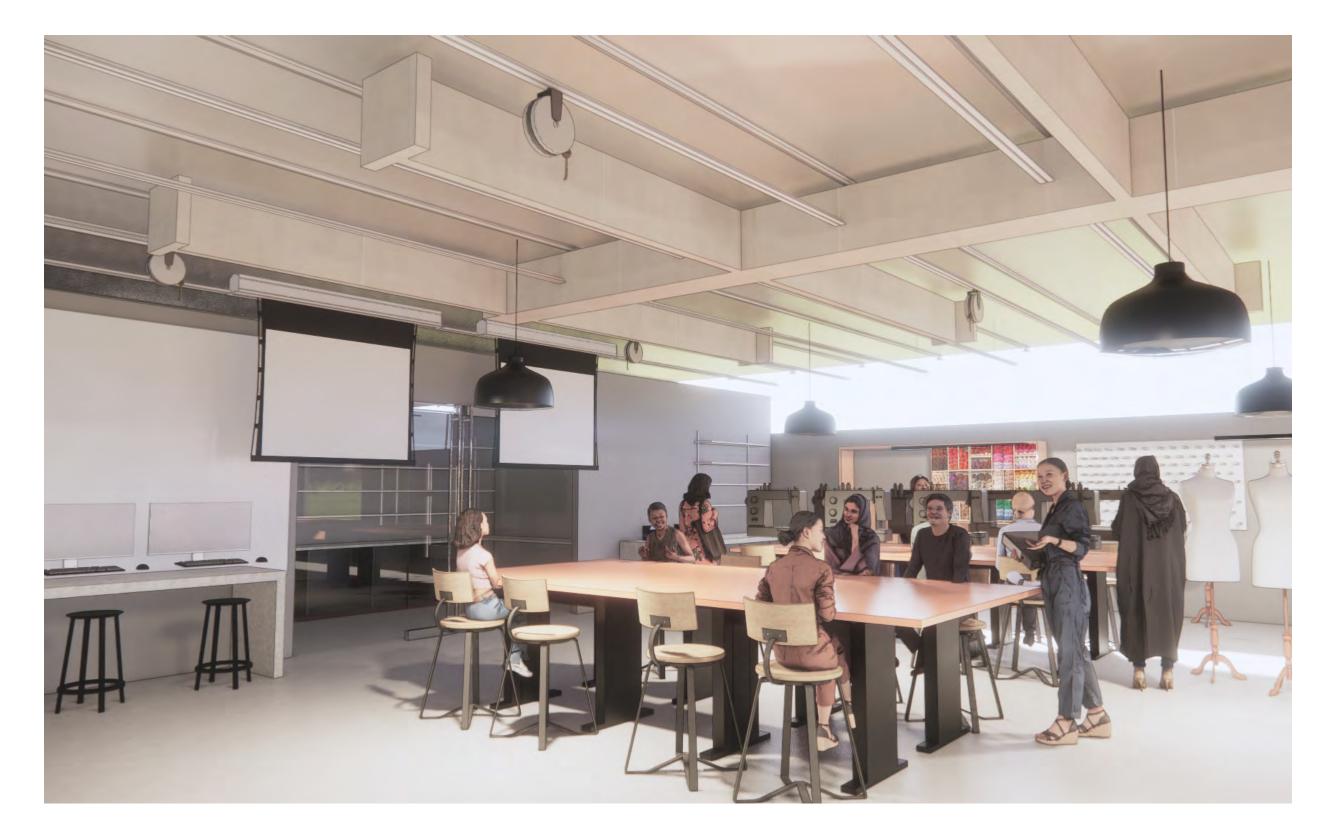
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Final Concept Design Textiles Corner View Rendering



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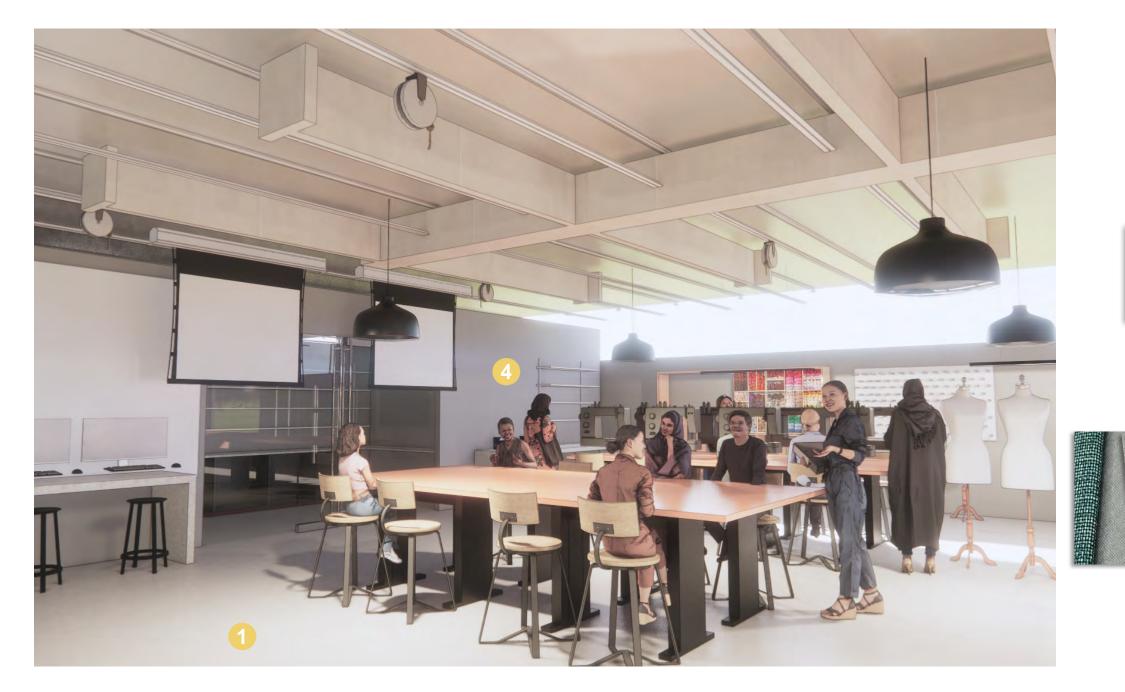
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Final Concept Design Main Entry View Rendering



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