Unrefined Biomimetic Harmony

Quad Solutions Studio

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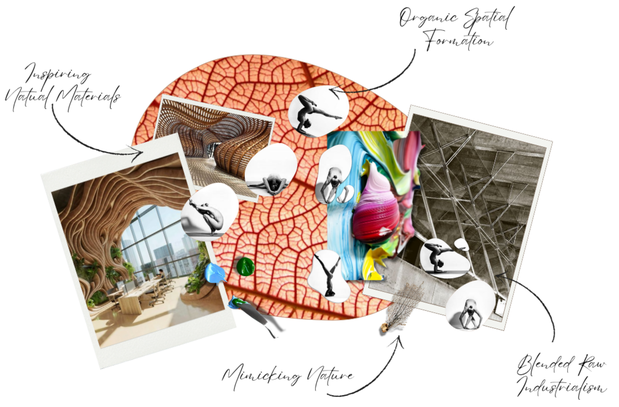
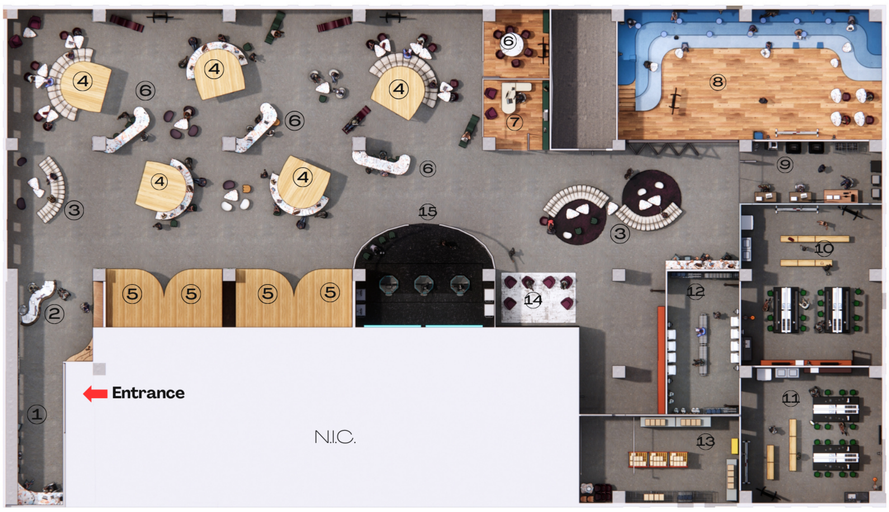
CLIENT PROFILE

Our **Biotechnology Innovation Center** is designed to foster **collaboration, efficiency, and adaptability** while supporting cutting-edge research and learning. Each space is strategically placed to enhance workflow, ensuring seamless transitions between **theory, experimentation, and innovation**. Open and flexible work areas encourage interaction, while focused study zones and specialized rooms such as VR lab, 3D printing area, and biotech labs provide hands-on experiences. Glass walls, adaptable seating, and central storage solutions **optimize visibility, accessibility, and organization**. The design prioritizes functionality, sustainability, and engagement, creating an environment that inspires curiosity and innovation.



RENDERED FLOOR PLAN



1	Adaptive Study Hub Entrance	284 Sq Ft
2	Reception Area	497 Sq Ft
3	Lounge	904 Sq Ft
4	Collaborative Learning Pods	570 Sq Ft
5	A.D.A Learning Pod	656 Sq Ft
6	Adaptive Study Work Station	1,190 Sq Ft
7	Manager's Office	268 Sq Ft
8	Lecture Room	1,838 Sq Ft
9	3D Printer Room	499 Sq Ft
10	Lab 1	1,045 Sq Ft
11	Lab 2	1,194 Sq Ft
12	AntiRoom	548 Sq Ft
13	Storage	744 Sq Ft
14	Central TV/ VR View	286 Sq Ft
15	Virtual Reality Room	935 Sq Ft


OPTORO AMUR ACOUSTIC FLOOR TILEBAR

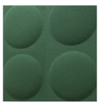

ACOUSTIC VR FLOOR UNIKA VAEV

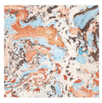

ACOUSTIC VR WALL UNIKA VAEV


EXSISTING UNPOLISHED CONCRETE


RUSTIC VENEER STYLE BRICK


ACOUSTIC TUBED FELT WALL LECTURE HALL SLALOM


ACOUSTICFELT WALL MANAGER OFFICE SLALOM


ACOUSTIC VR FLOOR UNIKA VAEV


HIGH GLOSS/ PITANGA FLORENSE

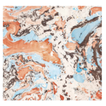

ACOUSTIC GLASS

CONCEPT STATEMENT

The **synchronization** of biomimicry alongside industrial elements generates an atmosphere that mirrors nature's essence while embracing raw and modern aesthetics. **Harmony is incorporated into the space through the fusion of nature's organic forms** and the utilitarian elements of the industrial canvas. **Nature** is further emphasized through an open space with circulation that flows instinctively throughout the technological lab environment. The spacious open concept encourages collaboration, while the enclosed areas provide privacy, focus, and refuge. A **forward-thinking** atmosphere is achieved by **blending sustainable nature-inspired silhouettes with cutting-edge technologies,** fostering the innovations of upcoming generations.

ADAPTIVE STUDY HUB ENTRANCE

ADAPTIVE STUDY HUB SECTION ELEVATION



PORCELAIN STONEWARE

BELTED CORAL PENDENT

PERICOPSIS ELTATA/ EBONY SHADE

INFINITY PENDENT HIND RABII

ATMOSPHERA ADAPTIVE ANLOG 3D

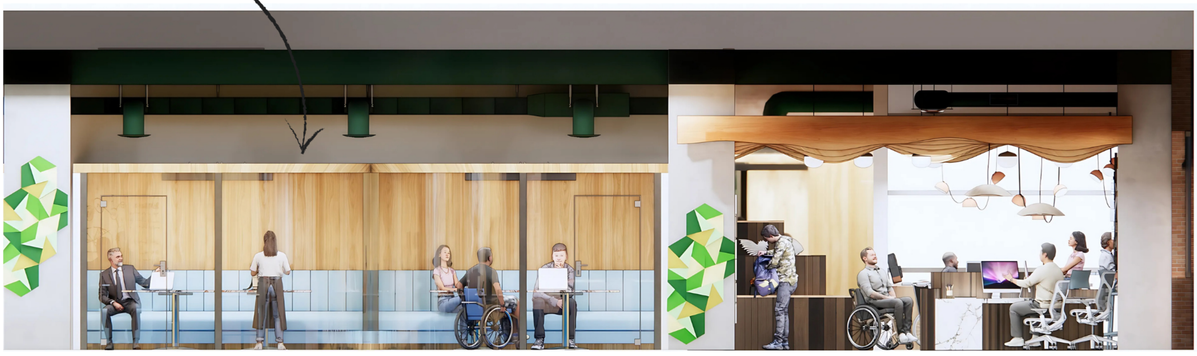
LIDO BAR STOOL NARDI

EXPOSED HVAC BENJAMIN MOORE HC-189

PORCELAIN/ MARBLE CARTON

ADA Pods

ADA LEARNING POD /RECEPTION SECTION ELEVATION

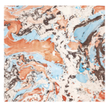


POD DEVELPOMENT

The custom-designed Pods introduce flexible, nature-inspired environments that encourage collaboration, creativity, and focused study. Designed to appear as if floating within the open space, the Pods mimic organic forms found in nature, softening the industrial framework and promoting intuitive movement throughout the area. Each Pod comfortably accommodates four to six individuals and features acoustic glass walls that also serve as writable surfaces for brainstorming and ideation. Material selections were carefully curated to enhance acoustic performance both inside and out, ensuring a quiet and comfortable experience within the open plan. Surrounding the Pods, a variety of flexible workstations and lounge seating support both group discussions and independent work, fostering a dynamic and inspiring learning environment

RADIUS ACOUSTOC PANEL

VINYL/FAUX LEATHER



PORCELAIN STONEWARE

FRASTER FELT CELING

OPTORO AMUR MAPLE MONTICELLO

ACOUSTIC GLASS DYNAMICHIVE

Acoustic Materials

Multipurpose Glass

LOUNGE INTERTWINED WORK STATIONS

LOUNGE DEVELOPMENT

The open **lounge space** weaves between the custom-designed Pods, blending privacy and openness within an adaptable, flexible environment. Movable seating and tables allow users to easily shift between **group collaboration, independent work, and casual gathering.** A palette of neutral, nature-inspired tones creates a calming backdrop, while playful acoustic panels and vibrant lighting **add energy, enhance sound absorption**, and reinforce the organic flow of the design. Open sightlines connect the lounge to key instructional areas like the VR Lab, VR Lecture Hall, and 3D Printing Room, **fostering a dynamic, welcoming space for creativity and learning**.

ARALDICA-BASE CORALLO

JORDAN ARMCHAIR

CHROME GREEN HC-189

EXISTING UNPOLISHED CONCRETE

BERN HARTH CHIARA

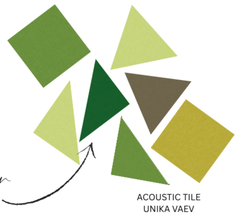
WELLE 4 CHAISE LOUNGE

ROLLY POLLY CHAIR

URESTONE BRICK VENEER SIDING

JAGGER MODULAR SOFA

Creative Acoustic Decor



ACOUSTIC TILE UNIKA VAEV

LECTURE ROOM

CHAMPION SUPER NAP BERBER/ROYAL BLUE

ACOUSTIC PANEL SLALOM

OPTORO AMUR ACOUSTIC FLOOR TILEBAR

ACOUSTIC SPHERE SLALOM WHITE 999

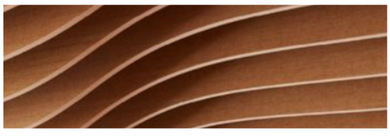
JORDAN ARMCHAIR BURGUNDY

ARALDICA-BASE CORALLO

SWOLE END TABLE PERIGOLD

BLEACHER CUSHION GREEN-SLATE

EXPOSED HVAC BENJAMINE MOORE POOLSIDE775



ATMOSPHERA ADAPTIVE ANLOG 3D

REFLECTIVE CEILING PLAN

BELTED CORAL PENDENT

INFINITY PENDENT HIND RABII

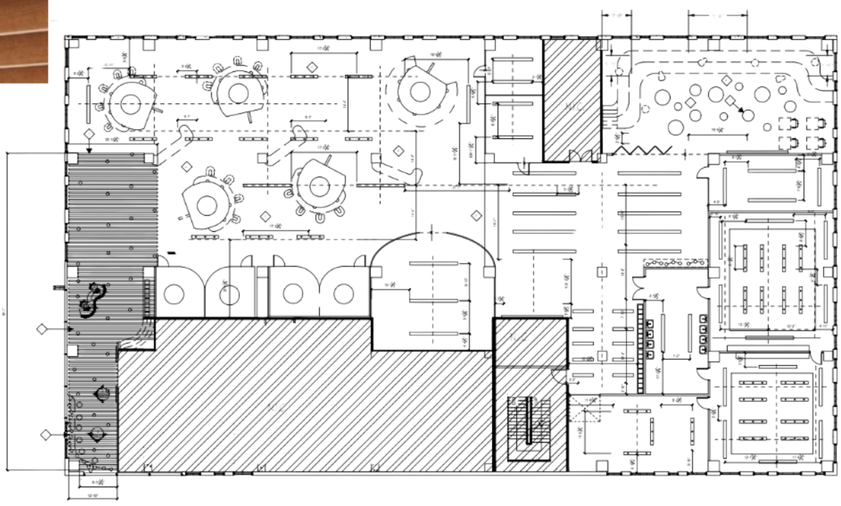
LINEAR PENDENT LED LIGHT DIRECT

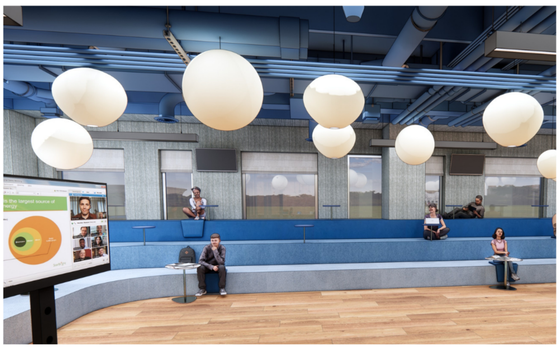
ACON CYLINDER LED PENDENT LIGHT

FLUTE - CONTINUOUS RECESSED

FIXTUREIN PODS AMAX LIGHTING

AKARI PENDENT MOOIEHOME





MANAGER OFFICE

ACOUSTIC FRASTER
FELT RUG UNIKA VAEV

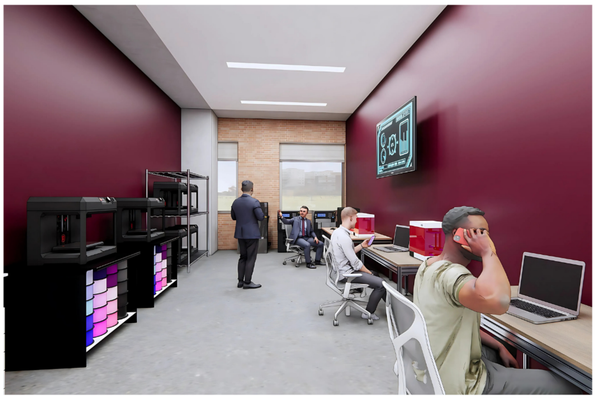
ACOUSTIC FRASTER
FELT WALL UANIKA
VAEV

BH PHOTOVIDEO
META QUEST 3

SPECTRUM
IMMERSTTN XR CART

OMNIDIRECTIONAL
TREADMILL
KAT VR

3D PRINTER ROOM



FUSE SIFT
FORM LABS

THE GIGABOX 2 3D
PRINT
RE-3D

FORM 4L
FORM LABS

INDUSTRIAL
RECTANGULAR DESK
HOMARY

HERMAN MILLER
COSM CHAIR

PORCEILIN
KOHLERSINK

GOGREEBEL
COAT HANGER

ULINE BENCH

REIBII
METAL SHELF

RADIUS PANEL
UNIKA VAEV

SLALOM ACOUSTIC
BUBBLE TILE

OPTORO AMUR
ACOUSTIC FLOOR
TILEBAR

DYNAMICHIVE
GLASS WORK

HERMAN MILLER
COSM CHAIR

ARCHIPRODUCTS
PROF **DEA**

VIRTUAL ROOM

INSTRUCTIONAL LEARNING AREA

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ANTI ROOM

LAB /ANTI ROOM SECTION ELEVATION

ACOUSTIC PANEL
SLALOM

HIGH GLOSS
MILLWORK
FLORENSE

BH PHOTOVIDEO
MONITORS

WHITE CUSTOM ESD
WORKBENCH
FORM SPACE

-86°C ULTRA-LOW
TEMP VIP ECO
CWD

EVERYWHERE FLIP-
TOP TABLE
HIVE

POLYCOM
CAMERA