

HÓZHÓME

In traditional Navajo culture, the word hózhó represents all-encompassing beauty and the harmony between static and dynamic movement. Hózhóme embodies hózhó through transformative and multifunctional spaces. Hózhóme represents the duality of hózhó and home. In other words, the space embraces both beauty and balance as well as identity and culture. This compact yet versatile space aims to foster a sense of community and celebrate the traditions of the Navajo Nation.



COMMUNITY

Foster a community of local artists and Navajo natives through our gathering space & showroom



TRADITION

Celebrate Navajo traditions by incorporating the four cardinal directions into our design



ADAPTABILITY

Create a modular space that adapts to the user's living & working needs throughout the day



SUSTAINABILITY

Incorporate sustainable living goals through material choice & solar energy capabilities



COVID-SAFE

Prioritize health regulations within retail & gathering spaces and give opportunity for social distancing



DESIGN RATIONALE

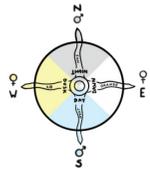
Hózhóme is always evolving; both the living and working environments include transformative elements to represent the idea of change and dynamic motion.

Within the living area, the multipurpose furniture allows for the space to adapt for different activities and user needs. This is highlighted throughout the gathering, dining, and office spaces.

The continuity between interior and exterior also is vital throughout Hózhóme, helping to maintain COVID-19 regulations. Hózhóme is also complete with components that encourage sustainable living. Overall, Navajo culture is celebrated on many levels of design.

FOUR CARDINAL DIRECTIONS

Hózhóme's geometric composition reflects the four cardinal directions of the Navajo Nation. This is shown through the colors of the exterior design and the orientation of the shipping containers.

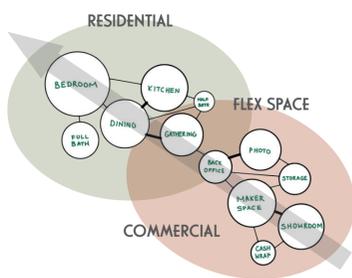


PROCESS WORK

The program for this space is divided into two spheres: residential and commercial. This bubble diagram shows the adjacency of spaces from public to private and highlights the circulation. A key feature of the

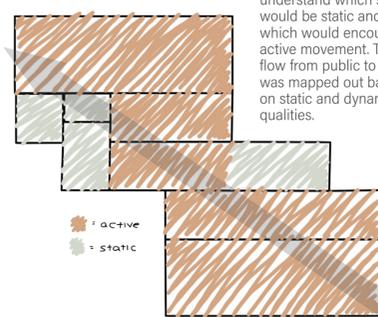
the diagram is the linear motion from public to private, with the bedroom area being in the most private space. The thicker black lines show the more important connections between spaces. These were important to

understand during the design process as the limited space created a necessity for prioritization. Within the retail space, one of most significant connections is between the maker space and the showroom due to their joint role in creating an engaging customer experience.



The floor plan also reflects the linear motion of the user flow throughout the space that is outlined in the bubble diagram.

Space adjacencies and the interactions between each of the spaces were analyzed. The goal was to understand which spaces would be static and which would encourage active movement. The flow from public to private was mapped out based on static and dynamic qualities.



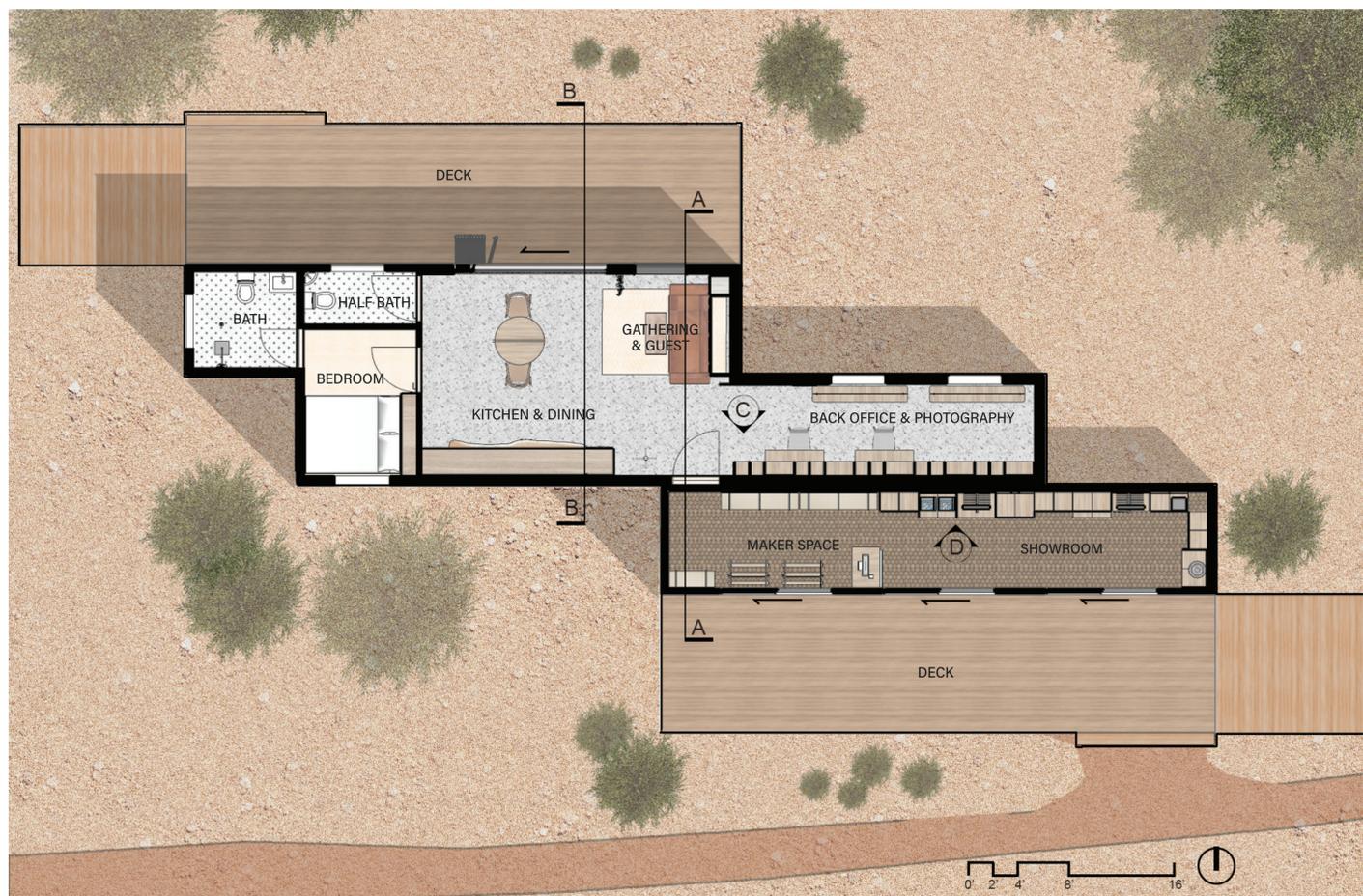
RESEARCH

In order to effectively create a live-work space for Navajo residents that promotes art, culture, and community, research into both the Navajo people and their weaving traditions was essential.

Weaving is a critical aspect of Navajo culture and has many symbolic features integrated into both the weaving process and finished textiles. One significant legend in Navajo weaving culture is Spider Woman, who is said to live at Spider Rock in the Canyon De Chelly National Park. Spider Woman is said to have been the creature who weaved the web that created the universe. Navajo weaving artists have historically placed cross symbols representing Spider Woman, and sometimes leave a hole in the cross to not trap Spider Woman's spirit within the textile (Freund, 2013).

Another important weaving symbol is the diamond, which symbolizes the four cardinal directions of the Navajo homeland (Freund, 2013). This sacred geometry inspired the configuration of the shipping containers.

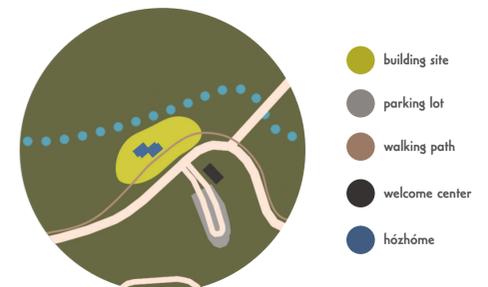
According to *Language and Art in the Navajo Universe*, for Navajo artists, "art is a way of living" (Witherspoon, 1980). Through artistic symbolism and community, Navajo art and spirituality are woven into the fabric of everyday life.



SITE ANALYSIS



The site is located across the street from the Canyon de Chelly National Park Welcome Center on Route 7 in Chinle, AZ. Chinle is both a bustling economic and cultural sphere for Navajo life and a popular visitor site, making it the optimal intersection of local culture and incoming tourism.



This site contains a large flat building area. It is accessible by road and is adjacent to a scenic river that feeds into the Canyon de Chelly National Monument. Its close proximity to the Welcome Center, a highly rated establishment that attracts the majority of National Park tourists in the area, will bring an influx of interested customers into the store to purchase items and celebrate the traditions of Navajo weaving.

SITE PLAN FEATURES

RESIDENTIAL
Spaces such as dining and gathering are highly adaptable to seat up to 12 people or host guests overnight. The gathering space transforms into a guest bed while the dining room expands outdoors. The back office and photography spaces feature integrated custom millwork for that is used as beautiful open storage. This back area is a flex space and can quickly transform into an extended gathering space when there are more guests.

RETAIL SPACE
The retail space consists of the showroom and maker space, and features the cash/wrap station that serves to divide these two sections. During store hours, the retail space opens up almost entirely on the outward facing wall towards the front deck. Not only does this create a more comfortable shopping space for customers, but also allows airflow into the space which addresses COVID-19 business regulations.

OUTDOOR DECKS
There are two outdoor decks: one that is dedicated to the retail space and one that is residential. Approaching the retail deck, there is a step up as well as a ramp. Since the deck is about 10 inches above the uneven, sandy ground, the ramp will increase the accessibility of the store. Both decks serve to expand the living and working setting while staying within the tight space limitations of the shipping container's dimensions.

EXTERIOR DESIGN

MATERIALITY
The exterior color choice correlates to the traditional Navajo cardinal directions respective to the building's orientation. For instance, the south-facing container is blue while the north-facing container is black. Wood is incorporated in place of the container cutouts to soften the industrial appearance of the steel. Cedar, a traditional material used in the construction of Navajo hogans, is appropriate for the exterior siding.

SUSTAINABILITY
Solar panels are angled to the south to take advantage of the sun's rays while also providing some shade and protection for the containers. These panels are Hózhóme's primary source of energy, which allows the residents to use renewable energy and minimize their carbon footprint. South-facing fenestration is protected by sun partitions that provide shade. North-facing windows maximize the daylight within the residential space.

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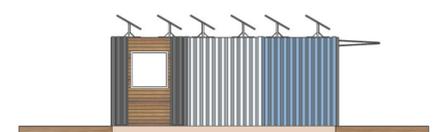
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NORTH ELEVATION



SOUTH ELEVATION



WEST ELEVATION





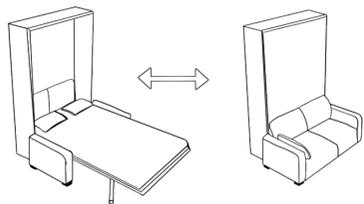
The open gathering space converts to a second bedroom with a transforming Murphy sofa. The sliding partition and curtain serve as temporary walls to create privacy for guests. It is adjacent to the back office and photography area, which features beautiful open storage.



The kitchen space features an expandable dining table that allows for residents to host large dinner parties while still being mindful of COVID-19 regulations. The accordion doors open up to reveal the deck, expanding the living space and providing more exposure to the outdoors.

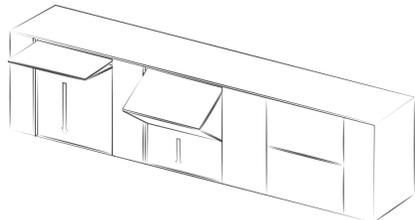
CUSTOM FURNITURE

Both the residential and commercial parts of the space are complete with custom furniture and millwork, which aim to maximize space, comfort, and efficiency within the limited square footage.



RESIDENTIAL: MURPHY SOFA

Within the residential space lies a Murphy sofa that unfolds to reveal a bed, transforming the gathering space into a guest room.



RETAIL: SUN PARTITIONS

The retail space will feature modern garage-style folding partitions that open to reveal the retail deck space. The function of partitions is twofold: they attract customers into the space while creating a more open retail experience given the space constraints of the shipping containers. They also provide shade for the outdoor patio area.

MATERIALS

The choice of materials reflect a commitment to local sourcing and sustainable solutions. These primary materials can be sourced within the region, and reflect Hózhóme's sustainable building goals.



NATURAL WOOD

Wood, such as cedar, are used in traditional Navajo construction and are resistant to weathering.



CORK

Cork mosaic is an eco-friendly and durable flooring that enhances acoustics and comfort.



SISAL

A strong, natural fiber flooring and wall-covering material that is low-maintenance.



TERRAZZO

This sustainable flooring contains recycled glass that contrasts with warm natural materials.



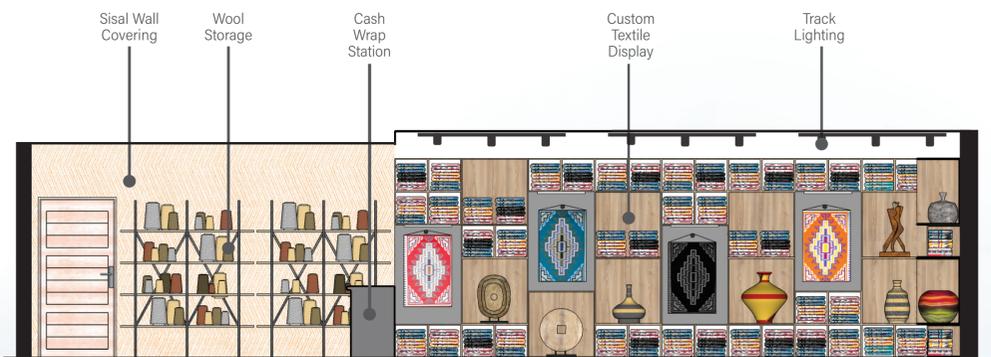
STEEL

The kitchen backsplash is cut from a shipping container, referencing the exterior style.



PRESSED POLYESTER

The fiberboard wall tiles are made from recycled water bottles and add to the dynamic space.



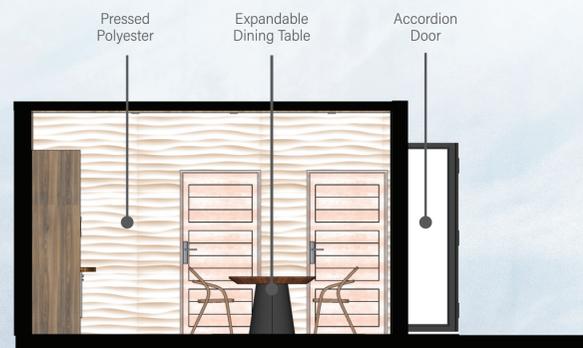
ELEVATION D
SHOWROOM & MAKER SPACE



SECTION AA
LIVING ROOM, BACK OFFICE, SHOWROOM



ELEVATION C
BACK OFFICE & KITCHEN



SECTION BB
DINING

