



## **Functional Precedents**





# Case Study: MarkRidley - Thomas Case Study: La Casa (MRT) Behavioral Health Center

**Permanent Supportive Housing** 

Location: Los Angeles, California

Location: District of Columbia, Washington, DC.

**Academic Articles** 

# The Impact of Trauma-Informed Design on **Psychological Well-Being in Homeless Shelters**

"Trauma-informed design" as a concept that intertwines interior design, environmental psychology, and clinical psychology. Through a program evaluation based on a trauma-informed design project, the authors were able to define positive outcomes to support in the assessed experiences: preparedness, hopefulness, and safety.

# **Creating Safe Spaces: Designing Day Shelters for People Experiencing Homelessness**

This article is a systematic review that was conducted to develop a day shelter in Fort Worth, Texas. Interdisciplinary resources were identified and reviewed as crucial when designing these types of facilities.











User **Oriented** 

**Functionality** 

**Natural** Light

**Comfort** 

Safety

## Responding to trauma informed design

Both case studies and research articiles navigated design through the scope of user opportunity. There is a great focus on implementing and developing spaces that allow users to **rebuild a sense of control**. Spaces are defined through its capacities of enhancing user experience, whether that is layout and planning, lighting, furniture selections, visual stimuli, or the services provided.

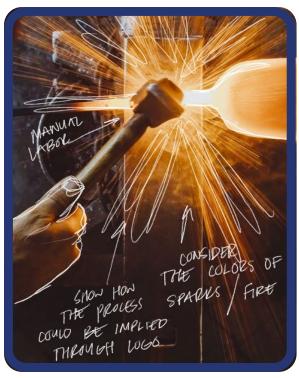
Targeting perceived spaces and autonomy align with "place-based" needs that play a crucial role in the designing a space that **bridges gaps** and creates a **sense** of community for users.

There are key priorities that narrow the necessities and the aim for impactful design:

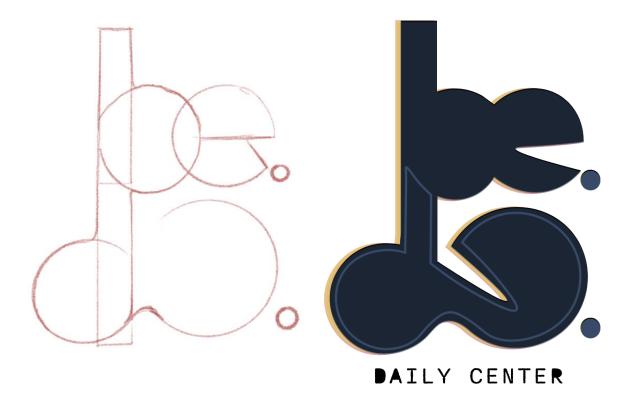
**User-Oriented Functionality** Natural Light Comfort Safety

The goals define clearer objectives towards human centered design that will **provide solutions** for users who have faced longlasting impact from homelessness.

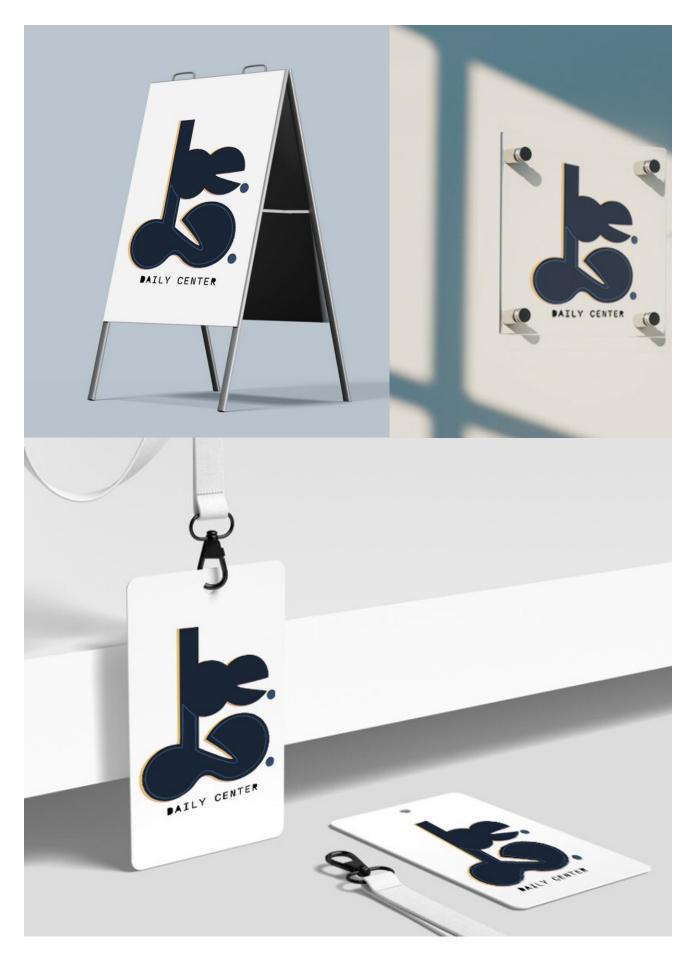




The branding process began by **extracting elements** in common within the concept. The **forms** and the **color** were considered through the process of blacksmiths: **fire**. Forms were identified through the creation: **bending|forming**.



be.do. is about allowing users to explore who they are and to find themselves throughout their experience at be.do. Daily Center. It is about doing what is necessary (staff to user, user to staff) to find good outcomes and possibilities.



# blacksmith.





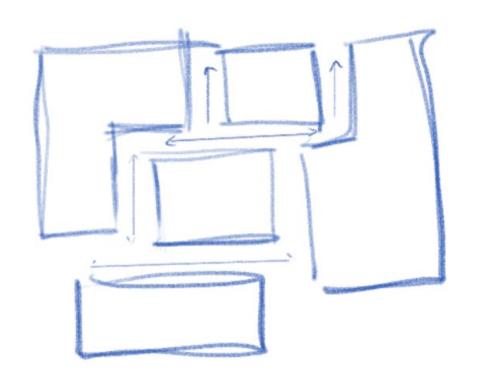


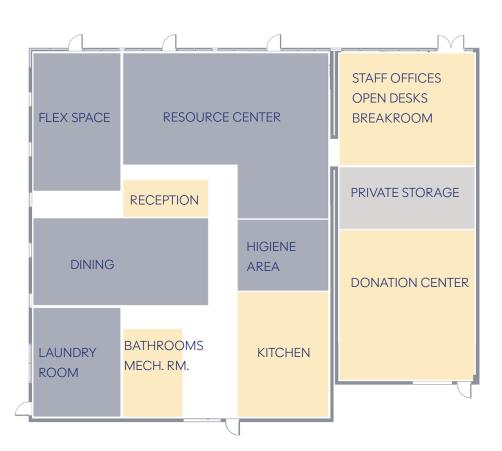
Wanamaker began with a **blacksmith shop**; blacksmiths repair, they forge materials, they build and create objects. Similarly, the daily center aims to **design a space** that **forges connections** and allows its users to **build** and **create** their future with **greater support** from staff and resources made available to them. Embracing the blacksmith heritage, be.do. Daily Center has worked collaboratively with **fellow blacksmiths around the area**. Their contributions have provided **custom furniture** and **casework** for the users. All pieces have been **carefully crafted** keeping in mind the importance of heritage and user experience. Material selection includes different **metals, wood, and upholstery**. The **forms** are to mimic the form of be.do. Daily Center, but to also provide users with the **freedom of experiencing** the space as they wish. They are provided with various seating arrangements to allow them to build a **sense of control**. The intent is to **extract the feel for metal, raw materials, while maintaing a welcoming feel for all users**. be.do. Daily Center **ties heritage** with **impactful design** that supports all users.

be.do Daily Center, an emphasis on **value** and **wellbeing**. The spaces will have a **sense of connection**; they will be forged, as if two areas were created to be a whole but with different tools and functionalities. From the ceiling, to the floor, to the spaces, be.do. Daily center aims to imply the forms of their **branding identity** and the **heritage** of Franklin Township. Users will be the **blacksmiths** of their new stage of life rising from **opportunity** and **effort**.



## space planning



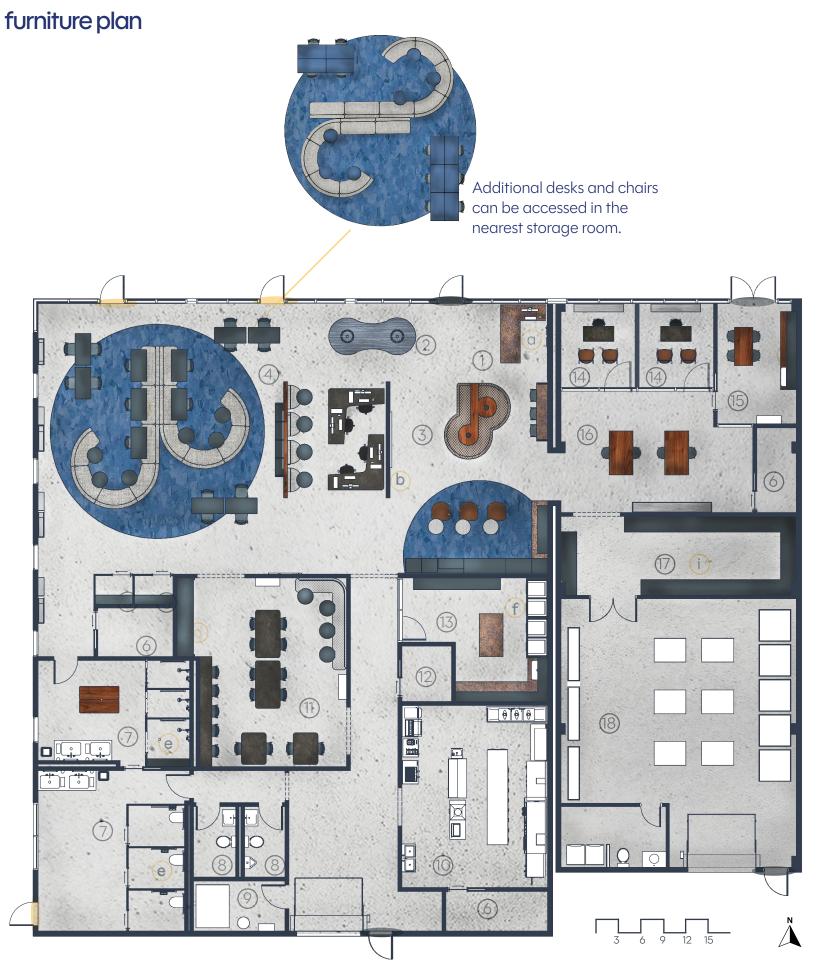




#### **FINAL BLOCK DIAGRAM**

This block diagram demonstrates a division between staff and patron usage of spaces. Overall, there is a good separation of the functionalities of each space; the flex and resource space almost overlap because they have been designed to be an open area to take advantage of the daylight available from the usage of curtain walls. Similarly, the shower and bathrooms are divided (wet and dry area) by one sliding door; the layout option almost mimics the "forging" element of the concept of the project. Users will have efficiency in terms of path flow and space access. The intent is to provide them with different access points. The higiene area, the kitchen, the resource, and flex space can all be accessed between two access points.

The block diagram to the left provided a layout of the space, but there was a lack of path flow and space size consideration. There was a lack of storage consideration, and the higiene area was too limited in terms of space and ADA compliance.



#### notes

- a Reception has **additional space** for a printer; file storage is available underneath desk drawers
- b Wall divider with shelves, **information board**, location display, resources, flyers, and other important information
- c Carefully installed **floor outlets** and tables have outlets installed for **additional charging options**
- d Dining counter has space for **additional storage**, meal prep, and a microwave + **two disposals**
- e Showers and bathrooms have **grab bars** and atleast one shower and one bathroom have a **turning radius**
- f Stacked washers and dryers and **additional storage** for tables
- g Shelves for books, games, and a mounted TV + a snack area
- h Breakroom with microwave, mini fridge, sink, and disposal
- i Private storage located **adjacent** to staff areas for safety

#### room labels

- RECEPTION
- 2 ENTRY/WAITING
- 3 RESOURCE CENTER
- 4 FLEX SPACE
- 5 PHONE BOOTHS
- 6 STORAGE
- 7 HIGIENE AREA
- 8 STAFF BATHROOMS
- 9 MECHANICAL ROOM
- 10 KITCHEN

- 11 DINING
- 12 LAN
- 13 LAUNDRY ROOM
- 14 STAFF OFFICES
- 15 BREAK ROOM
- 16 OPEN DESK AREA
- 17 PRIVATE STORAGE
- 18 DONATION CENTER

#### entry/exit doors

Staff usage only

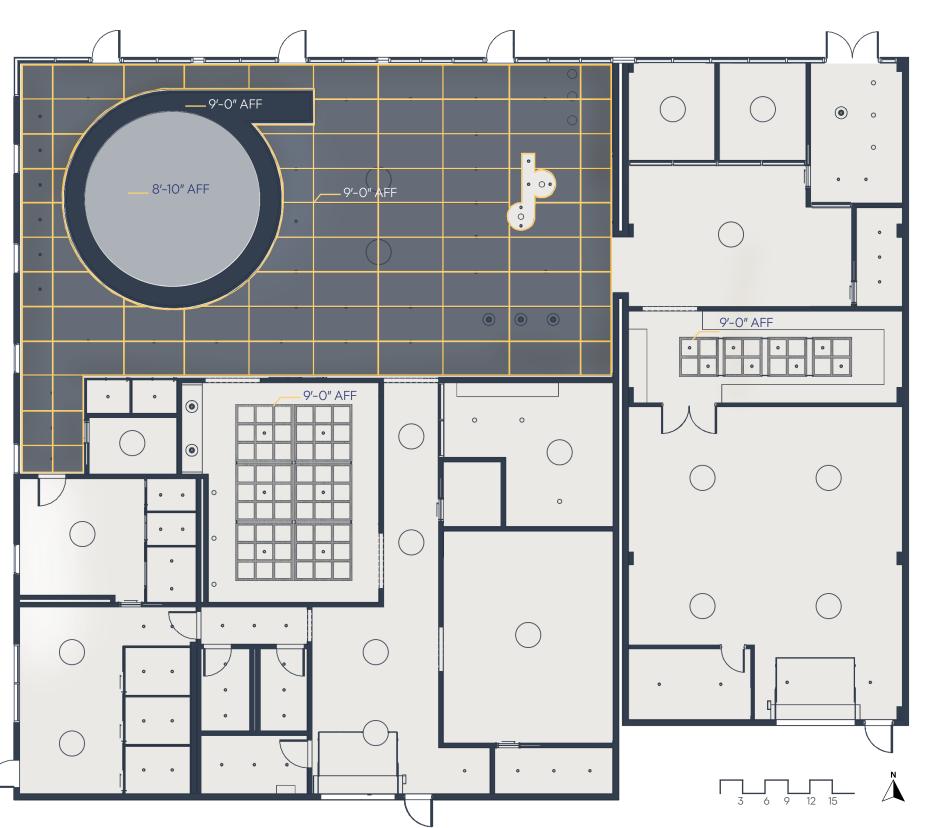
Locked doors, but functional in case of emergency

Egress doors









#### **LIGHTING LEGEND**



PRUDENTIAL LTG. P3900 - LED CRI90 | 2700 - 4000k



FOCAL POINT ID+ 3.5" Adjustable Accent CRI80-90 | 2700 -3000k



VISUAL COMFORT & CO.
Loft Pendant
CRI90 | 2700 -3000k



FLOS String Lighting CRI90 | 2700 -4000k



SCHOOLHOUSE Factory 5 Rod Pendant CRI80 | 3000k



FOCAL POINT ID+ 4.5" Cylinder CRI80-90 | 1800 -4000k

#### **NOTES:**

Ceiling is 9'-10" AFF unless noted

All lighting pendants are 6'-0" AFF

**Thermal control** is considered through the use of **window coverings** all along the curtain walls. **Users** will experience different sunlight exposure, and they will have the **control** over how much sun is emitted into the space.







HERMAN MILLER Never-Sit-to-Stand Table by Motia



STEELCASE
Palm Stackable Chair
by Bolia



STEELCASE Lounge System Season by Vicarbe



**ARMSTRONG FLOORING**Ocean Air



BARRISOL
Barrisol Les Translucides
Lighting LED Feature

## NOTE:

The flooring is to remain as is (concrete), but there is a slight application of Armstrong Flooring to **reflect** the large **circular** panel system above the flex space.

Additionally, to aid the **illumination** and **user experience** of the space, an LED custom feature on the panel system has been applied. It is a stretch ceiling system (Barrisol) that is **durable**, **low maintance**, and **flexible**. It has been used to control the illumination and emit a glow effect.



#### NOTE:

All upholstery has been carefully selected from the Mayer Fabrics product library, meaning that all furniture and upholstery are bleach cleanable. Paint applied has been selected from Sherwin Williams and provide low VOC. At be.do. Daily Center, we strive for the health and wellbeing of our users and take IAC as a critical consideration.

STEELCASE

by Coalesse

Enea Lottus Stool



OCTOPUS PRODUCTS
Black Stainless Steel
Metal Sheet



STEELSCAPE
Rustic Raw Hide
Metal Sheet



FINELINE MILLWORKS
Walnut



MAYER FABRICS
Spacer Mesh Mocha



BELDEN BRICK
Garnet Blend
Brick Wall

#### NOTE:

The Fineline Millworks panel system was incorporated into the coffee/snack area. The **Walnut panel** was used as the backboard and the **Mysterious Velvet** was used for the shelves.



STEELCASE

STEELCASE Lock Lounge Chair by Blu Dot



MAYER FABRICS
Milano Umber ML-010



MAYER FABRICS
Spacer Mesh Sterling
Ottoman upholstery



STEELSCAPE Rustic Raw Hide Metal Sheet



ZAHNER Stainless Steel Custom side tables

