# PART III: HOME

### **Definition:**

Of, relating to, or being a place of residence, congenial environment, or the social unit formed by a community living together.<sup>22</sup>

In this final section I will describe the design of what I believe to be all who need one in Sudbury.

Chapter 11: Chapter 10: The Legal Dimension The Social Dimension

Chapter 09:

The Physical Dimension

Chapter 12:

The Life of the Building

 $<sup>{}^{52}\</sup>textit{Meriam-Webster.com\,Didionary.s.v."} home. "accessed April 29, 2020, https://www.merriam-webster.com/dictionary/home. The control of the control o$ 

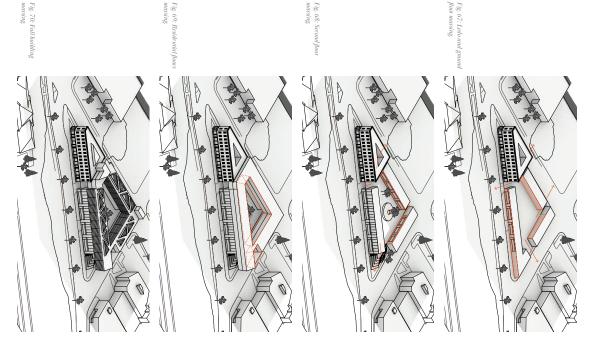
## Chapter 09:

## The Physical Dimension

71). From supportive housing units, to open the challenges that may arise during the create a variety of spaces and microclimates starting with the physical. There are many ways Sudbury project will operate as an interface physical needs of many different circumstances. Home: Sudbury will be equipped to address the through commercial, civic and social uses, indoor spaces to outdoor sheltered spaces transition from homeless to housed (Figure robustness that can accommodate many of that provide a spectrum of shelter with a under. I have shaped my building in a way to encompasses more than just a roof to sleep need for shelter, however the physical domain in which architecture can meet the physical between an individual and each domain, three of the domains of home. The Home: homelessness may feature exclusion from any individual's experience of

The building's massing is made up of various commercial storefronts with a void

by the community garden (Figure 70). of the floor plate that has been carved to allow above the civic podium with a void at the centre two residential stores of the building are stacked and indoor and outdoor spaces. The remaining of these two building podiums reflect the the pleasant microclimate. The dichotomy foot traffic and encourage people to linger in civic and domestic programs that require less programs that enclose this space are the more enclosed outdoor public space (Figure 68). The the ground plane to create an elevated semiof the building is then connected down to free indoor public space that anyone can occupy year round, 24/7 (Figure 67). The second story The vast roof of the building is then occupied eyes on the street effect for the podium below. loaded corridor that faces inward, providing an below (Figure 69). Encircling the void is a single light and fresh air to the outdoor podium spectrum from commercial to civic programs carved out at the centre of the site as a barrier



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Fig. 71: Aerial Rendering of Home: Sudbury looking south west.

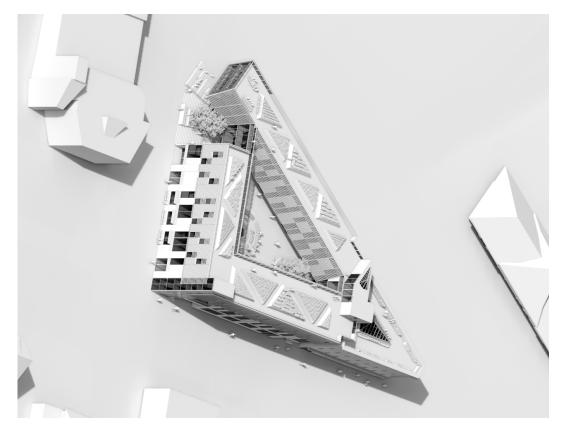


Fig. 72: Perspective of illuminated street facade that can be inhabited day and night.

snow and ice, while the plows can clear away of the building through integrated benches surround it into the inhabitable public realm as sidewalks accumulate snow and ice. Home: people who are elderly or less physically able, realm of the building evolves to function in protects the walking path. as winter progresses, as a natural windbreak to accumulate between the road and sidewalk building harnesses snow banks, which begin any residual precipitation. Furthermore, the surface of the sidewalk from accumulating the sidewalk to pass underneath the awnings. the benches and windows below. In the winter, along its exterior walls with awnings that shade Sudbury incorporates the sidewalks that for pedestrians in the winter, especially for Sudbury, movement becomes quite precarious all seasons. As I've experienced first hand in 72 demonstrates how the inhabitable public they lose access to other indoor spaces. Figure so that people can still find comfort when function successfully throughout the winter the provision of outdoor public spaces that can key contribution of this building to the city is and uninhabitable for over half of the year. A climate, the city's outdoor spaces become harsh The awnings can thus protect the walking from the wall, creating the space to redirect however, these benches would be unmounted As Sudbury is situated in a northern a tunnel-like microclimate

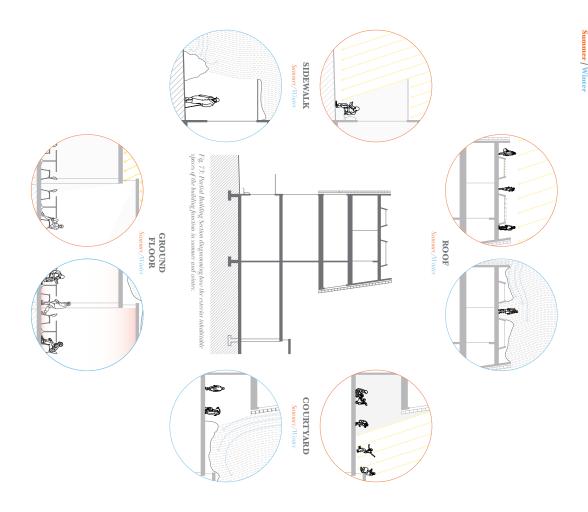
The courtyard space at the centre of the building is designed around an elevated medicinegarden. The garden and planters bring plant life into the courtyard space and provide ample seating for gathering and activities outside in the summer. The walls that enclose the courtyard have been angled to the south so as to cast minimal shadows into the space, allowing the sun to brighten and heat it year-

round. In the winter, however, the large open space will often be snowed in. An overhang has therefore been projected around the perimeter of the space, covering two gathering spaces and allowing for circulation around the courtyard to be safe and protected year-round. This space can be used for special events, such as snowman building and winter markets, which take place in the winter months. The reality, however, is that between these events this space will mostly be used to navigate between indoor spaces and for that reason, the same passive design strategies have been employed to use snow banks and overlangs to protect the walkways.

from the cold wind. air on a nice day while remaining protected residents and the community to get some fresh the walking path can still be used as a way for the walking path. Therefore in the winter creating large snow banks on either side of the space between the planters can be shoveled winter, while the garden will be buried in snow. exercising through walking or jogging. In the can still utilize the space as an elevated trail for those uninterested in planting in the garden community and residents of the building, while it functions as much more than that. The community garden has been designed, however the summer, the garden can be tended to by the track that circumnavigates the courtyard. In planters have been arranged to form a winding The roof of the building is where the

The ground floor of the building has been specifically designed as an indoor space for people to escape both the heat and the cold. In the summer, the elevated garden acts as a skylight to bring views of vegetation and natural light down to the centre of the space, while in the winter, the vast number of open tables and chairs invite anyone passing through to warm up for as long as they need.

## INHABITABLE SPACES:



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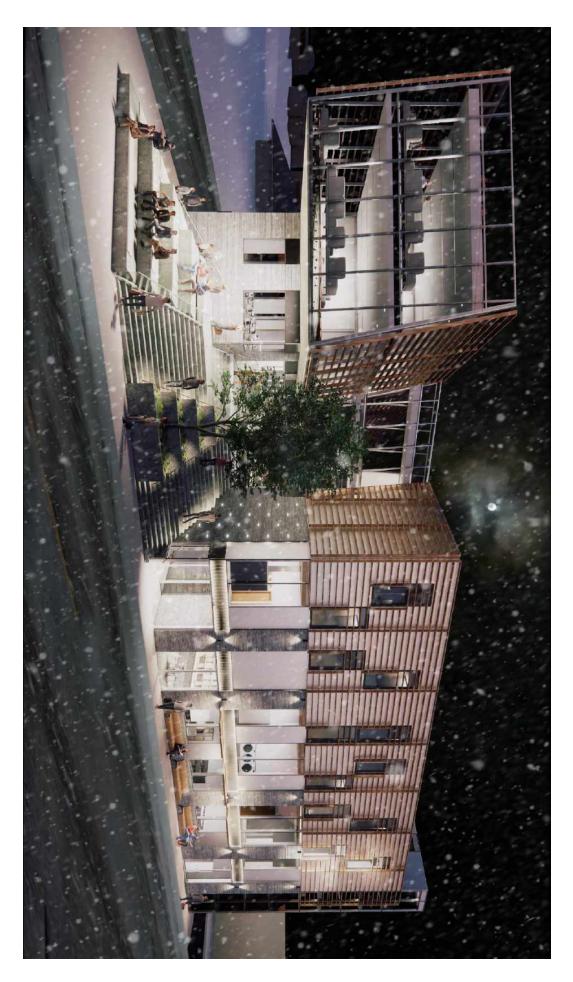




Fig .75: Three unit typologies within the same building grid

The structure of the building has been designed to meet the fluctuating needs of the homeless population. Over time, the demographics of those experiencing homelessness is constantly evolving and is not always predictable. To ensure that this building does not become redundant and that it can keep up with the changing demographics, the structural and mechanical systems have been designed on a standard grid that is interchangeable over time. I have designed three apartment typologies that can fit within the same 9 by 9 meter steel column and concrete slab grid (Figure 73). Within the

same footprint in the building, there can be six studio units, three single bedroom units or two double bedroom units. As formerly homeless residents of the building gain stability and control over their circumstance, they may decide that moving out of this dwelling is what is best for them. They may find other housing and decide to move out or, as others move out of the building, they may be able to have their unit converted into a single bedroom. As the needs of the individuals or families living in single bedroom units evolve, they too may either choose to move on or find space to convert their units into multiple bedrooms.

## ROBUSTNESS OF ACCESS FLOOR

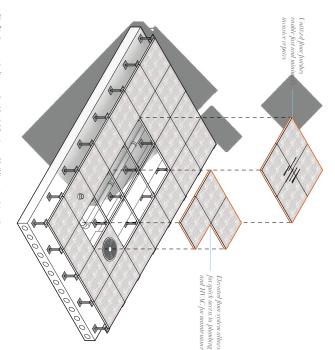


Fig. 76: Axonometric diagram of residential flooring and building system integration

The initial ratio of studio to one bedroom to two bedroom units will be decided during the community engagement phase of the project, but generally, the grid system allows for walls, floors, plumbing and HVAC to be rearranged through a plug and play raised floor system. As the physical domain needs shift in Sudbury, so too can the homes that Home: Sudbury provides.

Another aspect that has been addressed is the state of circumstance that people will be in as they move into the building. For some individuals who have been experiencing absolute homelessness for extended periods of time, the transition to living in a house

will not be smooth. Challenges common with this transition are hoarding and the misappropriation of furniture, plumbing and HYAC systems.<sup>33</sup> The benefit of the raised floor system in relation to these phenomena is demonstrated in (Figure 74). As pipes, wire and vents are all run through the floor instead of the walls, access to these systems for repairs can be done simply by lifting any of the floor panels with the correct tool. Therefore, if a resident damages the floors or building systems in their transition to being housed, repairs can be made by replacing a single floor panel rather than the whole floor or walls.

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opaque sliding panels (Figure 74). The Home: Sudbury building is providing flexibility and and one in the door facing the corridor. The agency through the spatial domain to the public wants in the room, as well as translucent and amount of privacy and light that the resident designed a custom screen that can control the more importantly to provide a canvas for disassembled, rearranged and modified to the of resilient materials such as wood that can be struggle with taking ownership over a new this notion to housing, where individuals previously experiencing homelessness may able to personalize a space with their belongings describes the importance of individuals being experiencing homelessness, is agency within greeting or object. Over each window I have their neighbours by displaying art, a personal residents to express themselves outwardly to first to bring light in from the courtyard, but window in the door serves two purposes: room has two windows: one facing outdoors residents' personal desires. Additionally, each units come with basic furniture that is made room's layout, furniture, light and privacy. The issue by giving its residents control over their space. Home: Sudbury begins to address this shelter environment.<sup>54</sup> It is no stretch to extend in order to restore a sense of self while in a environment's potential role in self-restoration, in the homeless shelter experience: The built those spaces. Jill Pable, in her paper Possessions provision of physical spaces for individuals

and its residents. Finally, equally important to the

#### ENDNOTES:

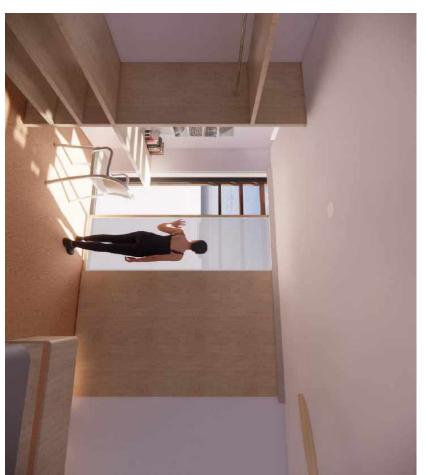


Fig 77: Studio unit with room Screen and minimalist furniture

 $<sup>53.\,\</sup>mathrm{Jeff\,Malin}$  in discussion with the author, January 2020.

<sup>54.</sup> Pable, Jill. "Possessions in the homeless shelter experience: The built environment's potential role in self-restoration." Interiors 4, no. 3 (2013): 267-293.

## Chapter 10:

## The Social Dimension

## PHYSICAL DEGREES OF SEPARATION.

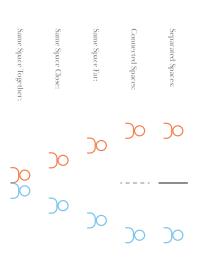


Fig. 78: Social degrees of separation diagram

of identifying as homeless. providing social services without the necessity by creating spaces of intergroup contact and from the connotations of their circumstance domain is through separating the individual aspect in which this project addresses the social Sudbury addresses the social domain. The other belonging is one dimension of how Home: new communities and foster a new sense of homelessness.55 Enabling individuals to build and their social networks either due to their results in a disconnect between an individual addressed on personal and societal levels. A circumstance or conditions brought on by personal experience of homelessness often The social domain of home can be

As mentioned throughout this thesis, a key step in addressing homelessness is separating the individual experiencing homelessness from their circumstances. It is through this process that stigmas and prejudices around homelessness can disappear and new social connections can begin to form. The programs that will run through Home: Sudbury

are designed to address shared human needs with the goal of bringing people of different backgrounds together on an equal playing field. The building's commercial facilities, including the laundromat, cafes and restaurant, are all to be operated with an integrated "Pay it Forward" system so that people who are unable to afford these amenities can still participate without having to identify with their circumstance.

the building. social engineering intergroup contact at every housed and homeless individuals. Rather than common thread was forced proximity between traces of hostility from intergroup contact, the downtown where I have documented the most of participation in socialization. In the spaces programs within the building as well as the have been designed into every public space of 76 shows the basic degrees of separation that close people want to get to each other. Figure program, the building offers choices in how been designed to facilitate a broad spectrum architecture that forms around them have The spatial organization of the

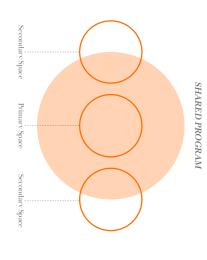


Fig. 79: Primary and secondary spaces diagram.

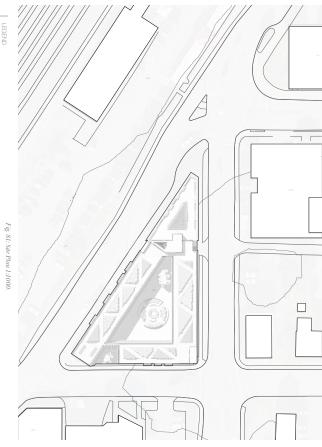
by architecture, however architecture can a meaningful friendship with this person. work in a shared space, and further develop person to one of the cafes to discuss their across different backgrounds. For example, a art display has the potential to create dialogue could become intrigued by the art created by feel comfortable at. Someone who is housed to enter the same space at distances they where housed and unhoused people can begin classes offered out of the maker space, while These kinds of stories cannot be engineered homeless person may invite a non-homeless two different groups admiring the same art. The result in intergroup contact, with people from someone who is unhoused. In turn, this could through an exhibition in the event space the building. The art could then be displayed pedestrians circulate through the outside of of the building could participate in art space, maker space, library or cafe. Residents facilities located on the site such as the event through the interactive programming of the function to bring people close together appear Examples of how the building will

facilitate the right combination of facilities, programs and events to enable them to occur naturally over time. As architecture is merely the shell that contains the social life of the building, it is the residents and participants in this social setting that will set the tone of any social interaction.

a series of primary and secondary spaces Sudbury is mediating the social realm. voluntary through primary and secondary the opportunities for contact and making it natural interactions to take place. Providing within the building as social spaces where Secondary spaces operate much more loosely and are complemented with secondary spaces bring people together, such as a laundromat, with a specific program in mind that is able to (Figure 77). Primary spaces are designated facilitates the social programs offered through designed so that the physical form of it spaces is another way the architecture of Home: by offering a less structured space for more Secondary spaces complement primary spaces people can meet, congregate, socialize or rest. Each level of the building has been



Fig.~80: East~West~section~of building~showing~life~throughout~the~building~



Farmers Market Synergy Centre

building begins by acknowledging the existing Samaritan Centre (Figure 78). The southeast centre, farmers' market, Elgin Greenway and context of the site downtown. The context of the for contact are the Synergy Centre, event building that presents the most opportunities Samaritan Centre 4. Elgin Greenway At the scale of the community, the

corner of the site has been sculpted to create a new shaded seating area for the patrons of the Samaritan Centre and pedestrians alike. (Figure 79) The south facade of the building along Elgin Street mimics the success of the

create a lively pedestrian corridor with the Elgin Greenway. Finally, pedestrians accessing the Synergy Centre to the north have the ability to cross the site to the south through a break in of the site through the courtyard Figure (81). the facade that connects to the southern section street at the old rail station and, in future, will directly faces the farmers' market across the elements (Figure 80). Furthermore, this facade rhythm of windows doors and vertical masonry small storefronts that make up the north end of the street by breaking up its long mass with a





Fig. 83: Perspective of Elgin St. elevation



(Figure 82-86)

commercial programs in the interior courtyard.

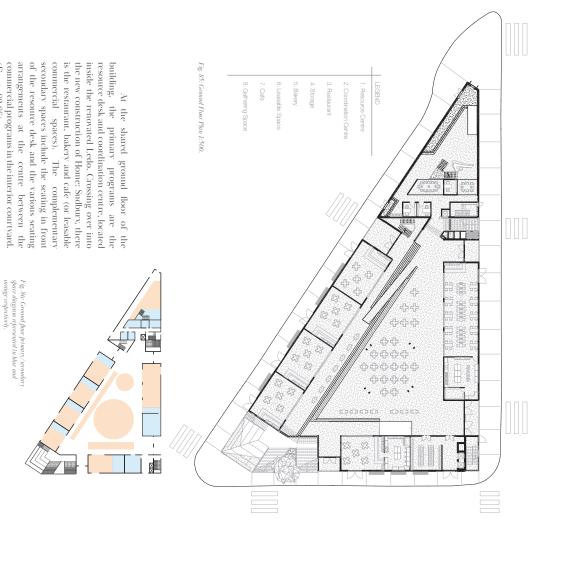






Fig. 88: Perspective of leasable spaces from interior courtyard



Fig. 89: Perspective of seating at interior

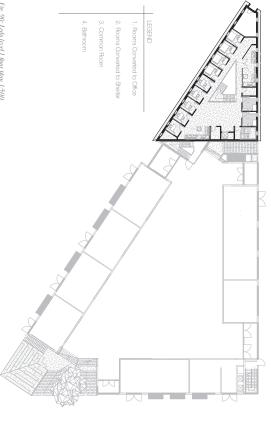
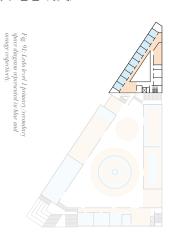


Fig. 90: Ledo level 1 floor plan 1:500.



The primary spaces of the upper floors of the Ledo are the rooms which operate during the day as offices for the social workers or resource desk staff, and at night are converted into residences using Murphy beds and creating a private hotel-style overnight shelter. Each floor is open concept, connected to the other floors through an open atrium for safety and natural lighting, with secondary communal place in overnight shelters (Figure 87-91). spaces for the socialization that often takes







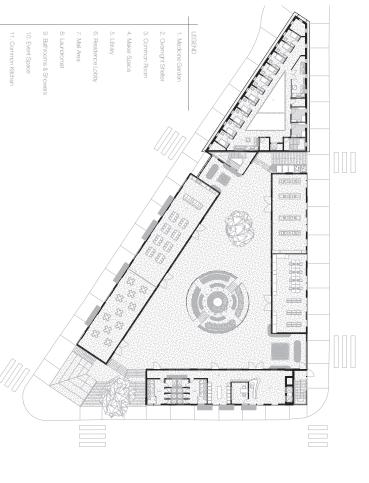
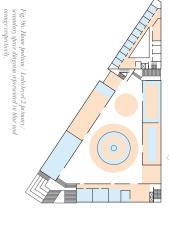


Fig. 95: Home podium/Ledo level 2 floor plan 1:500.

At the podium level of Home: Sudbury the new portion of the building are the civic primary spaces: the maker space, library, common kitchen and event space. To the east is where the domestic primary spaces can be found: the laundromat, the lobby for the residents and public hygiene facilities. The areas where people can congregate, socialize and rest (Figure 92-96). secondary spaces in the courtyard are organized that is designed with Indigenous traditional around an elevated communal medicine garden knowledge. These spaces are outdoor social







of the seating area west of the courtyard.



Fig. 99: Perspective of the seating area north of the courtyard

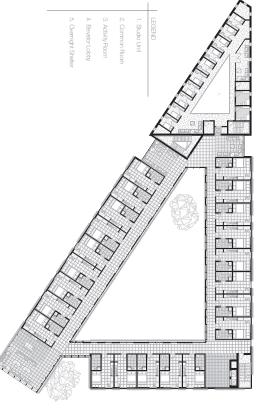


Fig. 100: Home level 2/Ledo level 3 floor plan 1:500.

of apartment units organized around a shared corridor. Along this shared loop are several secondary resting areas and common spaces for the residents (Figure 97-100). private space of the residents of the building and the public space. The primary spaces on the residential floors of the building consist a vertical barrier which is created between the building and their guests through keycard-activated elevators. This layer of security adds The first two levels above the podium of Home: Sudbury have been designed for public use, however the third and fourth stories are only accessible to residents of the

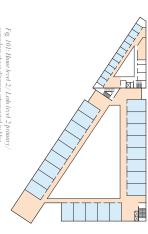


Fig. 101: Home level 2/ Ledo level 2 primary secondary space diagram represented in blue and orange respectively.



nts gathering in the activity room that is on each floor.



Fig. 103: Perspective of residents using the south common room that is on each floor.

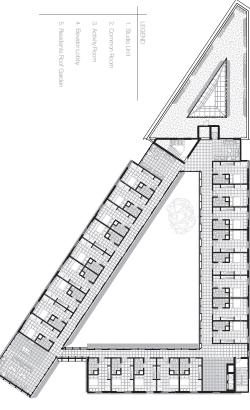
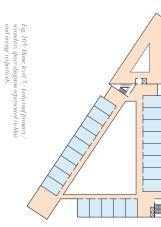


Fig. 104: Home level 3/ Ledo Roof floor plan 1:500.



outdoor garden for both social gathering common room to offer the resident a private On the second level of housing, fourth story of Home: Sudubry, the building connects to the roof of the Ledo through the north through shared activities (Figure 101-104). the apartments by creating opportunities for residents to foster a sense of community below. These secondary spaces complement and private rest and solitude from the streets



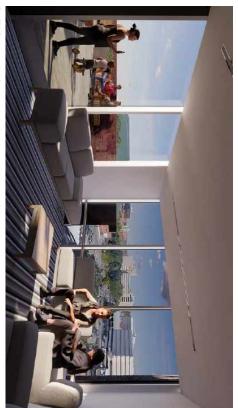


Fig. 106: Perspective of residents using the north common room that is on each floor.



Fig. 107: Perspective of residents gathering on their private roof space above the Ledo.

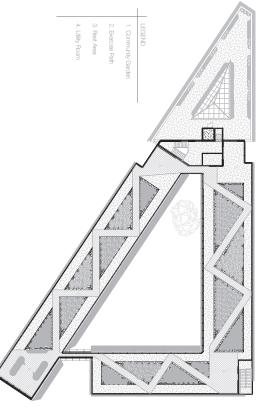


Fig. 108: Home roof floor plan 1:500.

On the roof of Home: Sudbury, the public realm is reconnected to the residence at the primary spaces of the community garden. The path between the garden beds is intended to be used as a secondary space for exercise for both residents and the community. Other secondary spaces are created for resting, gathering and socializing with views of downtown and the building's surroundings (Figure 105-108).



Fig. 109:Home roof primary/secondary space diagram represented in blue and orange respectively.

#### ENDNOTES:

 $55.\ \mathrm{Kauppi}$ , et al. Migratory and Transient Homelessness in Northern Ontario, 2015.



Fig. 110: Perspective of members of the community utilizing the public roof and courtyard.



Fig. 111: Perspective of the community and residents sharing the rooftop path and gardens.

# Chapter 11: The Legal Dimension

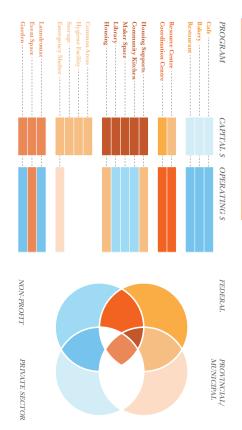


Fig. 112: Funding allocation diagram

a broad range of social services available and considered for employment or even accessing who need them most. connecting service providers with the people government support is a basic right. Therefore, access to the proper social services and is experiencing or is at risk of homelessness public space. Furthermore, for someone who to lose legal rights and freedoms such as being circumstance of homelessness will cause them legal dimension of homelessness by making the aim of Home: Sudbury is to address the refugees, one may have no legal stability circumstances. In some cases, such as for freedoms, which may be lost due to one's pertains to an individual's legal rights and The legal dimension of homelessness in other cases, an individual's

The city of Sudbury is one of 60 communities that has been designated by the Canadian federal government as a centre for homelessness in Canada.<sup>36</sup> Designated communities are required by law to have service coordination plans in place. Furthermore,

to draw upon private funding, borrowing their to new projects, however there are limited operational funds that are made available by that can be tapped. The other dimension of maximizes the number of funding sources of the programs within the building and the sources as possible. Figure 109 shows each can allocate funding from as many different of this project therefore relies on a plan that social operating budget from pay it forward service-related programs are commercialized the city of Sudbury each year.58 Many of the one-time capital funds that can be allocated funds and operational funds. There are many legal funding is the separation between capital they can be used for, offering many services funding sources have strict limitations on what sources of funding that they can qualify for because of a lack of funding. The feasibility funding, previous similar projects have failed described in chapter eight, even with this extra they qualify for special government funding The benefit of this matrix is that because many

## PAY IT FORWARD SYSTEMS:

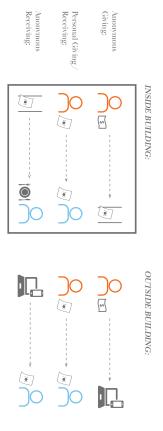


Fig. 113: Diagram of options for participating in pay it forward system.

a more anonymous way of receiving free donations to the business to support the free in the store like anyone who played themselves services by ordering them online, redeeming services. Accessing the internet is provided at at home or through their phone, can make like to redeem a free meal. Online, someone of a free meal can then approach the business recorded by the business. An individual in need and that donation will then be anonymously meal or a coffee while making their purchase In the building people can decide to donate a in person, online or person to person as well in the building, online or person to person. others' donations and picking their order up their phone someone in need can then choose the computer lab in the building or through and anonymously gesture that they would Receiving this help can be done anonymously being in need can be done either anonymously someone who has identified themselves as in the physical and digital realms. Giving to will be implemented throughout the building initiatives. Figure II0 shows how this system

homelessness.

would. Finally people can purchase suspended meals or coffee and hold onto the vouchers themselves for the next time they see someone asking for money on the street so that they can then hand it to them person to person. The pay it forward system therefore enables giving and receiving to become anonymous so that while participating in the commercial spaces, one's circumstance can remain private. Each funding source can be divided by what it can fund capitally and operationally. Maximizing the funding potential for this project is what enables its mixed programs to address the many different circumstances that can create many different circumstances that can create

For individuals whose opportunities have been limited by their homelessness, architecture can provide solutions through its design and construction. The design of the programs intentionally mixes specific commercial programs with civic and social programs in order to create synergies that offer opportunities to the formerly homeless residents of the building and individuals

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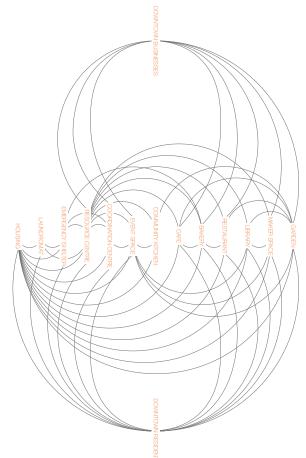


Fig. 114: Diagram showing how programs in the building are connected to each other and the community.

experiencing homelessness in the community. Figure III shows how the programs within the building connect to each other and to the residents and businesses in the community. Each connection represents a synergy where, for example, the community and residents can collaborate to maintain the garden. Local businesses can contribute by donating funding or food waste as compost. Farmers from the local markets could donate seeds. And finally, the food cultivated at the garden could be sold to the in-house restaurant to benefit the homeless residents as well as those at the Samaritan Centre.

Wood will be utilized throughout the building because of its sustainability as a material. Additionally, it can be locally sourced and carpentry is a relatively easy and transferable

skill to learn. The construction of the building offers the opportunity to hire homeless individuals with carpentry skills or to teach new trade skills to willing individuals experiencing homelessness. Rather than pre-ordering mass produced products to furnish the apartments, simple yet durable wooden furnishings have been designed that individuals with no previous carpentry experience can learn to build (Figure 112). Not only does this create a temporary source of income for individuals experiencing homelessness during the construction of the building, but it also provides them with a skill that is highly transferable and in high demand in the construction industry. An example of one of the detailed construction manuals that would be given to the residents for each component of furniture is included in appendix A.

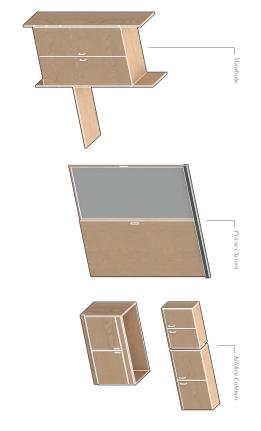


Fig. 115: Furniture in the rooms that could be built by individuals experiencing homelessness.

#### ENDNOTES:

<sup>56</sup>. Gail Spencer in discussion with the author, February, 2020.

57. Ibid.

58. Ibid.

## Chapter 12:

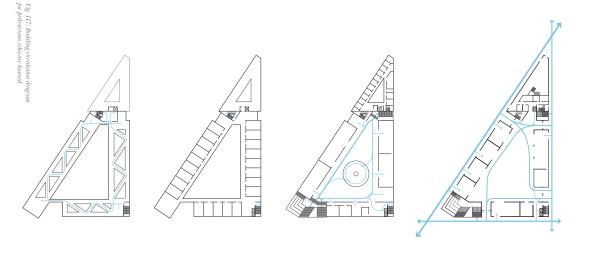
## The Life of the Building



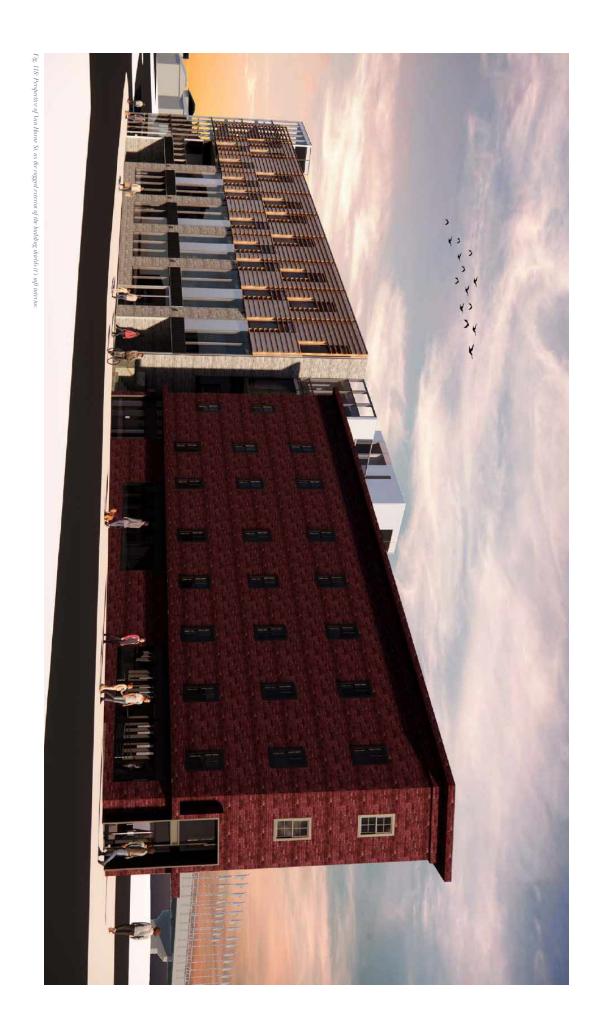
Fig. 116: Perspective of pedestrians circulating around the outside of the building

As architecture cannot be completely encompassed by the physical, social and legal domains. I have created a fourth domain: the architectural domain is where the life of the building is inhabited. The building itself will be experienced differently from person to person. Therefore, I have created three general categories including the experience of the pedestrian that is housed, the experience of the pedestrian who is experiencing homelessness and the experience of the formerly homeless resident. It is important to recognize that homelessness is a spectrum, however for the sake of this project, all experiences of homelessness have been grouped together:

The life of the building for the pedestrian that is housed is about the circulation around and through the site as well as their direct access to the commercial and civic programs of the building (Figure 113). Figure 114 shows the circulation patterns through each level of the building for this population. The key to the success of the social integration of the building in the community is a physical transparency that allows people to pass beside, through and over the building without requiring to access any of its programs. The building transitions between functioning as a path at the sidewalk level, to a shopping mall at the ground level, and a community centre in the courtvard.



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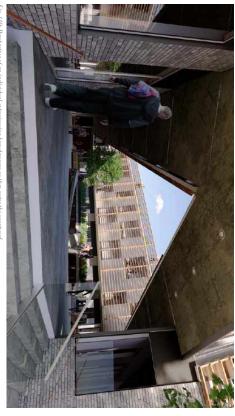
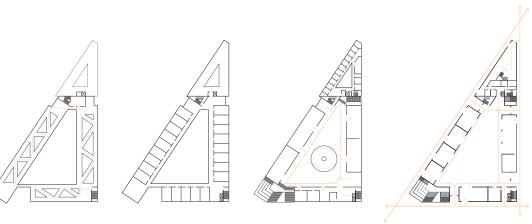


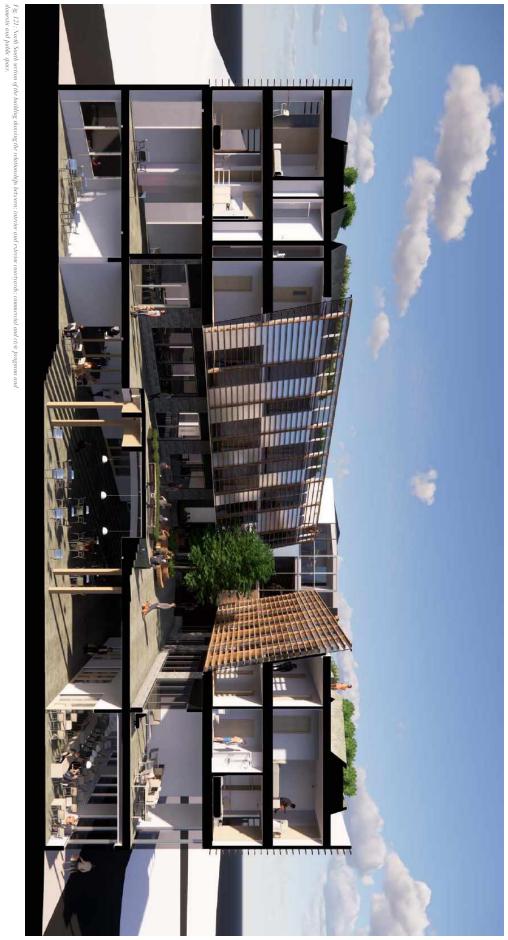
Fig. 119: Perspective of an individual experiencing they enter the courtyard

exterior pressure judging their presence in the experiencing homelessness, the public spaces individuals could also use the area inside the Depending on their schedule, the homeless inside Home: Sudbury in the winter months. Centre across the road for breakfast, or the heat allowing them to easily access the Samaritan night at this location in the overnight shelter, space. Homeless individuals may also spend all hours they can sit and relax without feeling any temporary home, where even for just a couple in and around the building may become their through and over the site. However, for people allows for this population to pass alongside, individuals aside from the nuanced challenges is quite similar to the experience for housed 116). The building's physical transparency still that accompany homelessness (Figure 115pedestrian who is experiencing homelessness The life of the building for the

to help individuals socialize throughout the day have access to the services they need, and can additionally offer activities and opportunities for people experiencing homelessness to the building can become a centralized location to physically occupy themselves. Ultimately, or use the exercise track or garden on the roof or library to keep themselves mentally occupied center. Finally, they can use the maker space appointments or job interviews at the resource access their social workers and case managers for Individuals experiencing homelessness can also free meals through the pay it forward system. from the inside of the building and access anonymity. When they become hungry, for hidden homeless individuals are able to choose ground level or outside at the podium level example, they are able to enter the restaurant as a means to socialize with their community. As pedestrian traffic increases in the area.





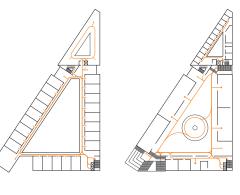




a shade and privacy screen while individuals on these individuals can continue long after they are housed.<sup>30</sup> Some individuals who outside the corridor. The social, civic and rooms. This connection can be mediated by and comfortable environment for activities offer a balance of privacy and security for quite traumatizing. The effect of the trauma experienced by formerly homeless individuals who are able to live in it's supportive housing are in their rooms and by the wooden screen the life of the building as they step out of their connected immediately to each other and to inwards towards the courtyard. Residents are unit opens up to a shared corridor that looks to allow them to branch out. Each apartment those who have experienced trauma and a safe and lose social skills. Life in the building must these individuals as they may begin to recluse can have a negative effect on the recovery of has happened to them before.60 This trauma outside once they are housed for fear of what were formerly homeless struggle to feel safe units (Figure 117-118). Homelessness can be Lastly, the life of the building as it is

a celebration of this diversity coexisting. building, the architecture of Home: Sudbury is varies up until they come into contact with the community. As every individual's life journey within the facilities they use and share with the the residents to take on new responsibilities as supervisors. These opportunities will allow maker space could eventually employ residents spaces as well. For example, the library and be made available though the garden and civic comfortable in the building, opportunities will volunteer organizations, in effort to encourage organized through the building manager or by residents. Events can be both self-organized. of community can be fostered between the rooms on each floor are spaces where a sense as each other. The common rooms and activity to become familiar with the programs as well these spaces are opportunities for residents to their new situation. Activities run through leave the safety of the building as they adjust all be accessed by residents without having to commercial programs within the building can socialization. As the residents become more







#### ENDNOTES:

59. Pable, Jill (2005). Design response to homelessness. Implications, 4(7). Found at http://www.informedesign. org/\_news/jul\_v04r-p.pdf

 $60.\, Jeff \, Malin$  in discussion with the author, January 2020.

### Conclusion:

#### Architecture Addressing Homelessness

circumstance. Home: Sudbury is a home to of circumstances that requires a place to live. students to young families or even seniorsinhabitants of the building could range from experiencing homelessness and ultimately to the building simply evolves to meet the next set homelessness. As homelessness ends, the life of is being designed for people experiencing new community. Although today the building simply be adjusted to appeal to the building's dependent on homelessness, the activities can none of the programs being put in place are wherever the next largest need may be. As need to move in. At this point, the building will experiencing homelessness in the area with the and that there will no longer be individuals I believe there will come a threshold where end the experience of homelessness in Sudbury. the needs of the community, to help those overcome their conditions. they may find the strength and opportunities to people, independent of their situation, so that This is separating the individual from their homelessness, the building is not dependent on begin to cross over into a new life, where the new units begin to open up in the building The aim of Home: Sudbury is to address

around them. maximize their positive effect on the life in and cross-disciplinary, What has been developed is a new mode of architecture that is addressing homelessness. only applicable to Sudbury, Ontario nor just and leadership to see these projects into reality. designers, social workers, community members, new architecture cannot be completed solely these social, cultural and legal systems. This to acknowledge its responsibility to facilitate meant to broaden the role of architecture; begins. The contribution of this thesis is of architecture ends and the role of the other tools to end the experience of homelessness, this project utopian. I believe this would be a homelessness, it may become tempting to label of the role architecture can play in addressing practicing architecture that is fundamentally The broader implications of this work are not policy makers and individuals with the passion by architects. It takes collaboration between various social, cultural and legal systems the field of sociology to show where the role which I have demonstrated by drawing on mistake. Architecture alone does not have the In proposing such an ambitious vision allowing buildings to

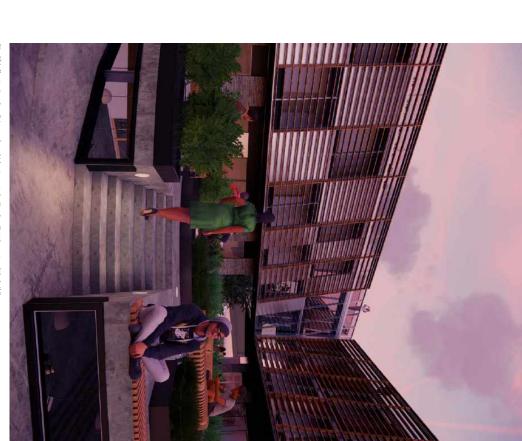


Fig. 124: Perspective of medicine garden which represents healing for all at the centre of the building.

Thank You. Merci. Miigwech

## Appendix A:

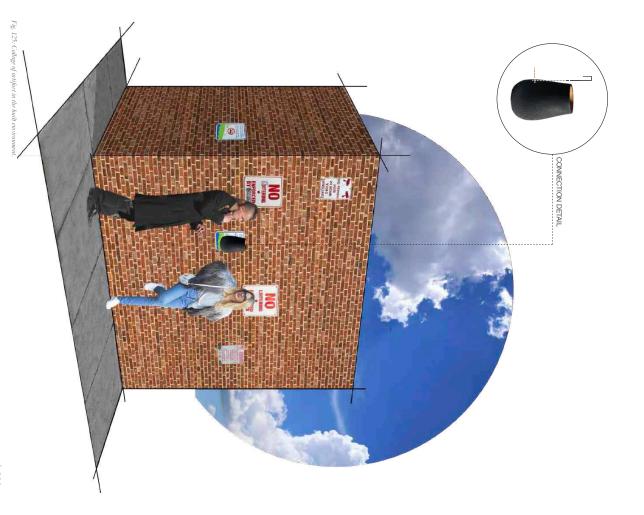
## Thesis Artifact: Ashtray

down or completely painted over or even defaced unfair laws that are being used to criminalize them. is not reckless, it is a resistance specifically to the or prosecuted, were scratched out. This vandalism that were hostile, such as trespassers, no smoking, with profanity. The specific words on the signs that were vandalized. Yet the signs were not torn placed in the face of those they were targeting were in good condition it was the signs specifically transit terminal. Though the signs on the buildings such as the alleyway between the parking lot and locations that people previously used to congregate with in downtown Sudbury, the signs that designated represents the work of my thesis I started with the physical manifestations of conflict that I was familiar from the buildings the signs were set up in specific were posted on all faces of the buildings yet away the area as an Ontario Smoke Free zone. These signs To begin the design of an artifact that

of these perspectives justify the mistreatment of aware of the health impact it is more of a social and on both sides of the street. burden that both sides of the street have and if it is to be looked down upon could it not be a shared people living on the street. If smoking is something personal act that they see as normal. Yet neither or time to catch up with friends. Though they are everyday smoking is their short break from work the other hand, to the workers who come outside is a health hazard and used to degrade people. On as Ontario Smoke Free, smoking is something that owners and politicians who are writing bylaws such they are outside in the first place. To the property group of people scoff at others being escorted away cigarettes yet being left alone. I've even seen that standing in the same place and smoking the same groups of 5 to 10 workers from inside the building every couple of hours on any weekday you can find from the homeless shelter off the property. Yet come out of the building to escort my friends and no loitering signs and I have often seen security building are a considerable amount of no smoking street from the transit terminal and see an Ontario something normal and social could it not be social from the plaza across the street for the same reason Government building. At the entrance to the To shift perspectives we can look across the

> to affix the ashtray too and reinstate the social space away and use the very signs that have been erected in the parking lot can simply wait for security to walk they smoke. For example someone living on the requirement for someone to use this object is that not specifically designed for the homeless, the only ground or between spikes on a curb. This object is around the object and be easily balanced on the the metal hook to hang it beside them. The hook extrudes from its back side. When the user of the carried at the hip of its owner via a metal hook that and durable yet beautiful finish. The object is to be is to be accommodated. The ashtray is a round in the contemporary city and more specifically who these two questions about what role smoking plays leaving them on the street. and use it to collect their cigarette buds instead of outside with them and affix it to the same signs who works across the street can bring the object that was once there. On the other hand someone street who has been targeted by the smoking bylaws affixed to a wall or fence and if there are no signs has been designed to fit behind any kind of sign they can remove the object from their belt and use find a place outside where they are comfortable and object needs to have a smoke they need simply to white oak has been charred black to give it a rugged which the sand and ashes lay in. The wood, a dense wooden totem with a bowl carved out of the top an object. An ashtray which should bring to light Coming from this research I have designed

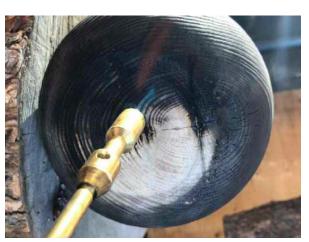
on the foundation of our shared humanity. my ashtray as a totem, connecting these two groups to the cultural meaning of the ashtray. Yet it has a associated with smoking. I see my object as a return juxtaposition of use on both sides of the street I see spaces they have been used to destroy. Through the obscuring their message and rebuilding the social like their vandalism this object hangs from the signs special meaning to those living on the street. Much between its utilitarian function and the connotations today the ashtray has been diluted, its meaning slit ashtrays were seen as a symbol of modernization. Yet status. Through the industrialization mass produced was seen as a delicacy ashtrays were symbols of meanings. Historically in societies where smoking Culturally the ashtray has had many different



ω









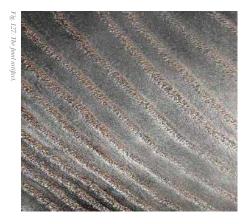
























## Appendix B:

## Furniture Construction Manual

### DESCRIPTION:

A wardrobe with an integrated cantilevered desk that will be assembled for each room.



#### TOOLS:

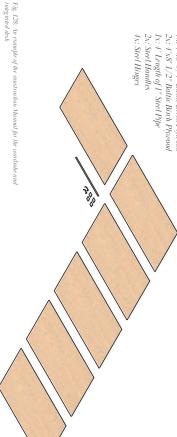


Circular Saw
Power Drill
Pig Saw

L
Wood Glue

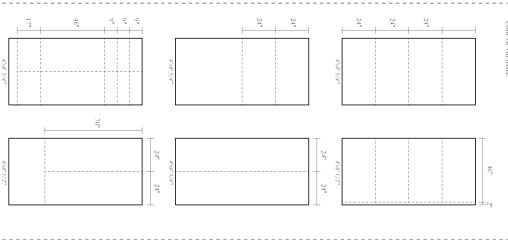
### MATERIALS:

4x: 4'x8' 3/4" Baltic Birch Pfywood 2x: 4'x8' 1/2" Baltic Birch Pfywood 1x: 4' Length of 1" Steel Pipe 2x: Steel Handles



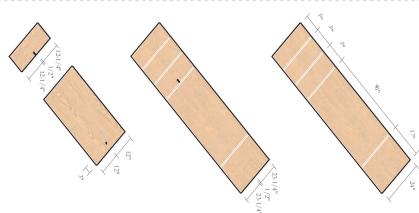
#### Step 1:

Cut the sheets of plywood with the circular saw following these patterns. Once cut sand the pieces working from 150-300 grit and then apply a clear coat of varnish.



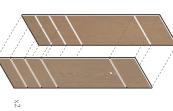
#### Step 2:

Take the two 24x72" pieces and use the circular saw to cut 3/4" wide groves at a depth off./4". In one of the two pieces use a drill and jigsaw to cut a square hole I/2" wide by 2" long just at the point designated in the second image below. Use the dimensions above to cut a slot in the top of two of the 9x24" pieces. Finally use a forstner bit to drill a 1" diameter hole in the centre of both 46x24" pieces 3" from one side.



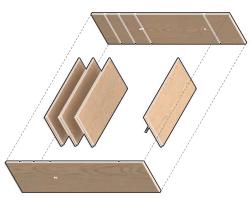
#### Step 3:

Begin to assemble the walls take the two pieces that you cut in the last step and find the shorter 24" pieces the correspond with the gaps between the groves and glue them into place.

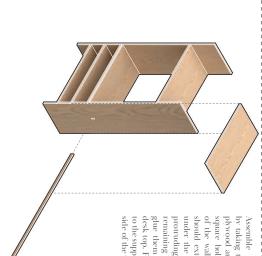


#### Step 4:

Next create each of the four shelves by stacking a 24"x16" piece on top of a 24x48" piece. Then assemble the body of the wardrobe by slotting the wider bottom of each shelf into the groves on both of the doors and glue them into place. At the same time fit the 4' length of pipe into the 1" holes on the inside of each wall.

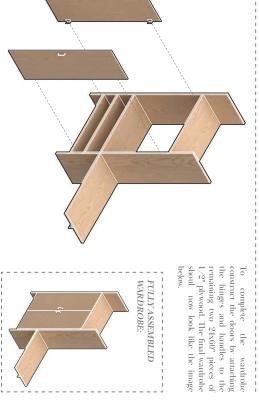


#### Step 5:



Assemble the cantilevered desk by taking the 2x72" piece of 1/2" piwood and inserting it into the square hole von drilled into one of the walls in step 2. The piece should extend into the warktobe under the third shelf and be left protruding 48". Then take the remaining two 24x48" pieces and glue them together to create the desk top. Finally glue the desk top to the support protruding from the side of the wardrobe.

#### Step 6:



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# ARCHITECTURE ADDRESSING HOMELESSNESS