Courtyard Render

Ground Floor Gallery

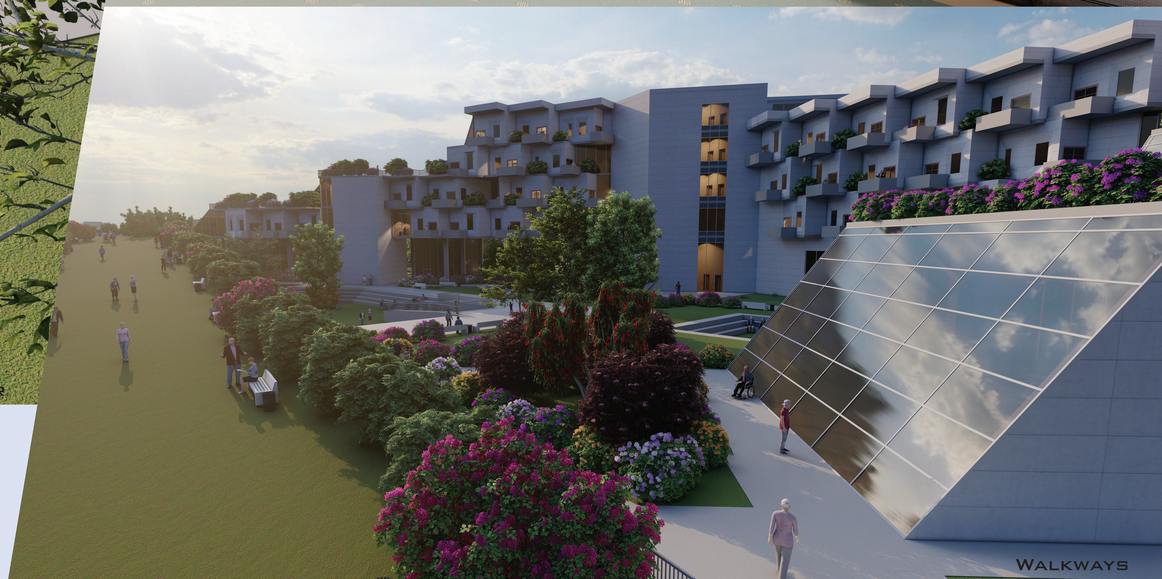
Abstract

Alzheimer's dementia and other such disease are ever-increasing within our population as well continue to live longer. To compasate for this, we needed to start creating long term care facility in ways that instead of being places where residents chaperoned by staff at all time but instead be designed in such a way to allow residents to maintain their freedom for as long as possible by creating spaces that allow residents to be connected to nature and each other more, be contusive to allowing resents to find their way about the facility with minimal help from staff along with, creating and maintain the sense of community within the facility as well as with the surrounding community but also creating a sense of home and maintaining privacy for the residents.

Quiet Space

Memory and Health

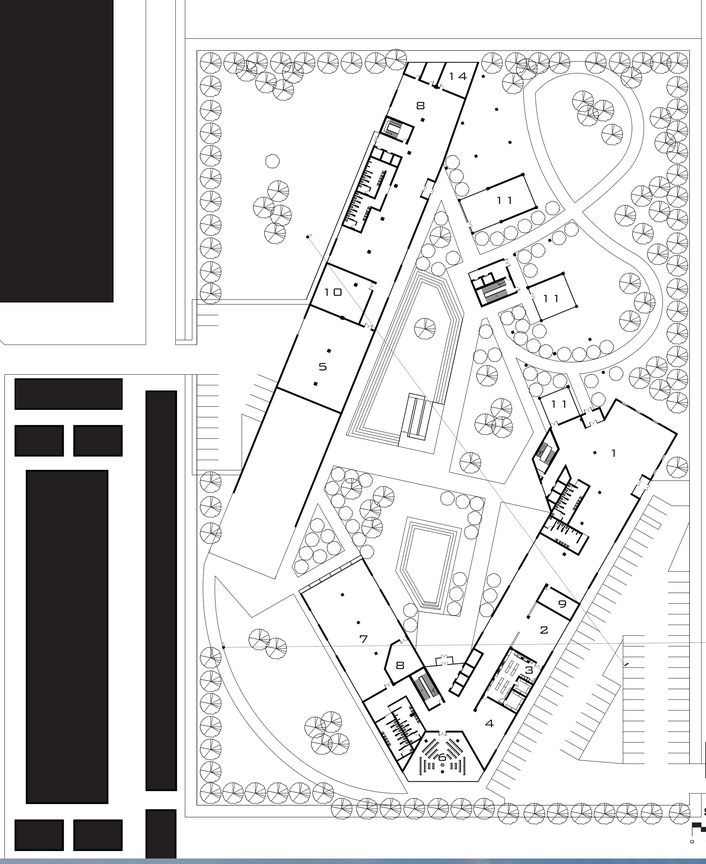
Short video of the exterior and few key interior spaces.



Walkways

Locations :
Apartments are located on the 2nd floor through the 5th floor, running along the exterior walls.

1. Lobby
2. Cafe
3. Kitchen
4. Coffee Shop
5. Storage
6. Chapel
7. Libary
8. Office
9. Store
10. Break room
11. gathering rooms
12. Nurse stations
13. Hobby space
14. Conference room

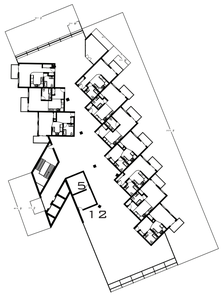


Site / Ground Floor

2nd Floor

3rd Floor

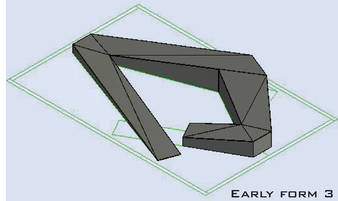
4th Floor



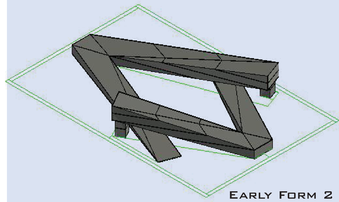
5th Floor

Layout:
The layout of the facility is designed to allow residents suffering from dementia, Alzheimer's, or any other age-related diseases to easily negated and find one's way around the facility without or with limited assistance from staff within the facility. It does this through a central corridor with gathering space places along the path to sever as anchor points for residents, along with semi-private/public spaces located within front of each apartment to allow residents to personalize their apartments more as well as act as an away for residents to distinguish their apartment from others located within the facility.

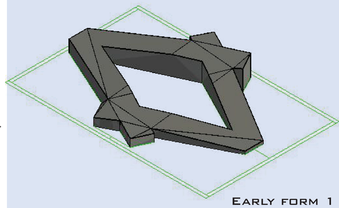
Early Forms of the structure



Early form 3



Early Form 2



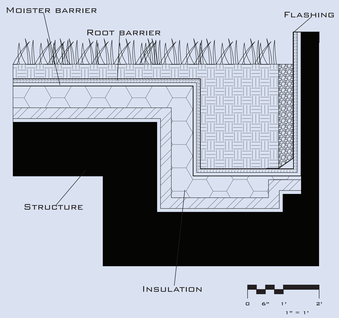
Early form 1

East Facade

West Facade

Green Roof Detail

The deeper portion of the Green Roof is for accommodating bushes along the edge of the roof.



Nature:
The facility will also utilize nature to help residents remain independent, allowing residents to move freely about the presses will maintaining a safe area for the residents. This will be accomplished through the use of private balconies, an internal courtyard with gathering areas, walking paths throughout the site, along with green roofs that can be accessed by residents. The natural elements of the facility will also be used to bring the nearby community to the site to allow residents to still be connected to the community as a whole.

Form
The overall form of the structure was derived from two overlapping Vs. This was done for several reasons the first was for the creation of apartments that would allow for a saw-tooth pattern where internal front yards would be created for residents to use. The second major reason was for the creation of an internal courtyard that would be protected while being accessible for all residents. The form was lowered on the west side of the site and its height increased on the east side to allow for both a residential block to be formed well as access to the green roofs but also to allow light into the courtyard along with not blocking light to the neighboring homes and apartments of the west side of the site. The final major reason was that it allowed for the creation of large green roof spaces that could be used by residents will also help with the facilities' heating and cooling expenses as well as with drainage on the site.

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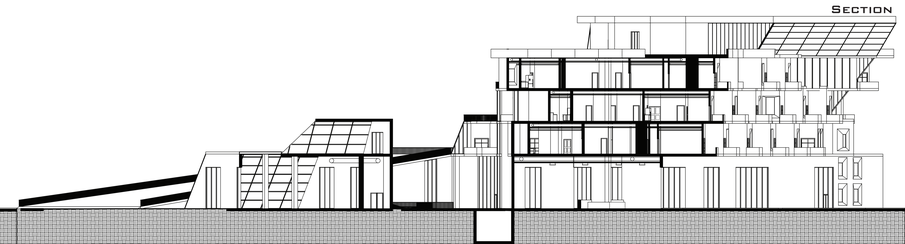
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