

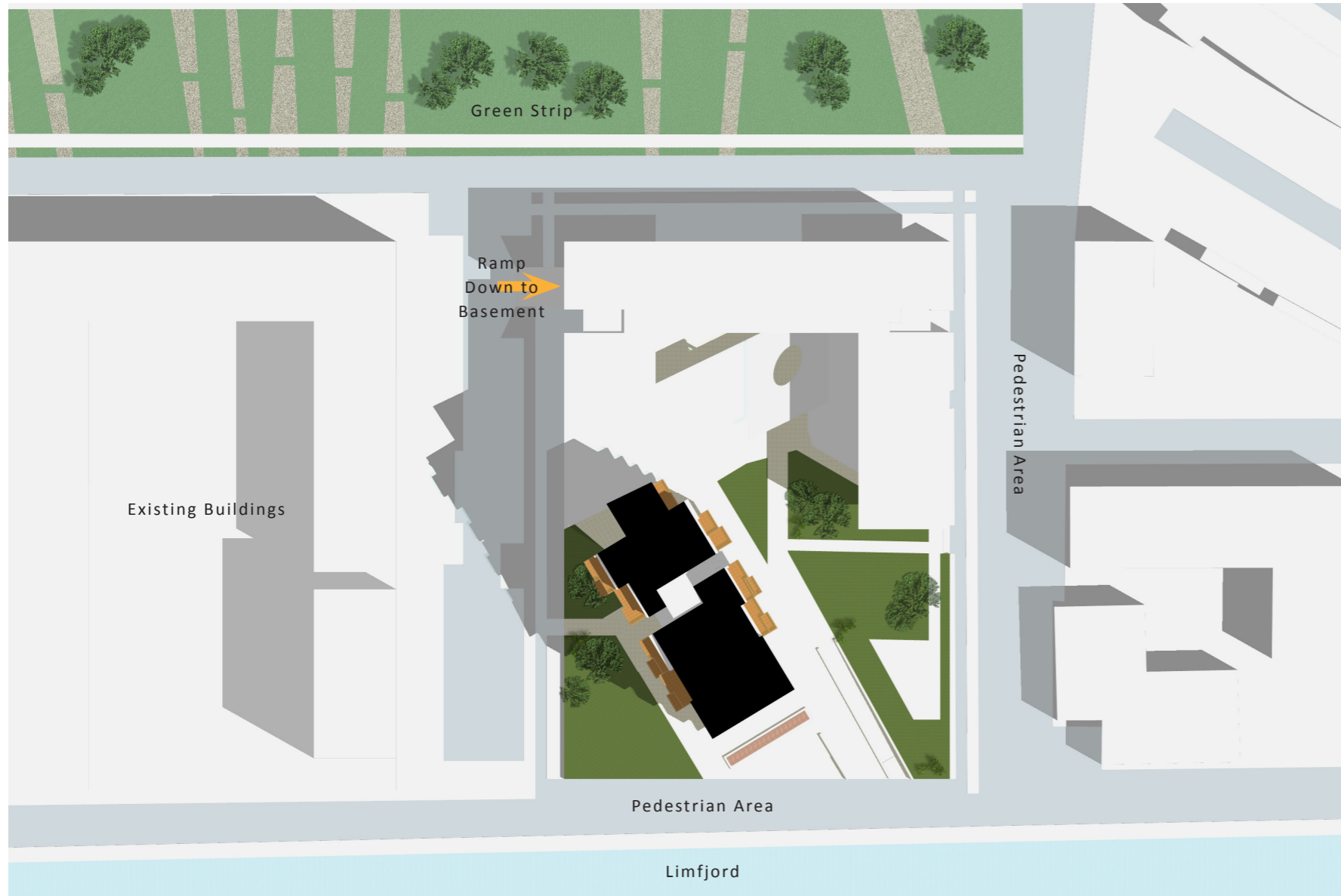


NØRRESUNDBY RESIDENCE &  
COMMUNITY CENTER  
FOR THE AGED

2011

Ma4 - ark32

ROSA GRAHAM



Site Plan scale : 1:1000



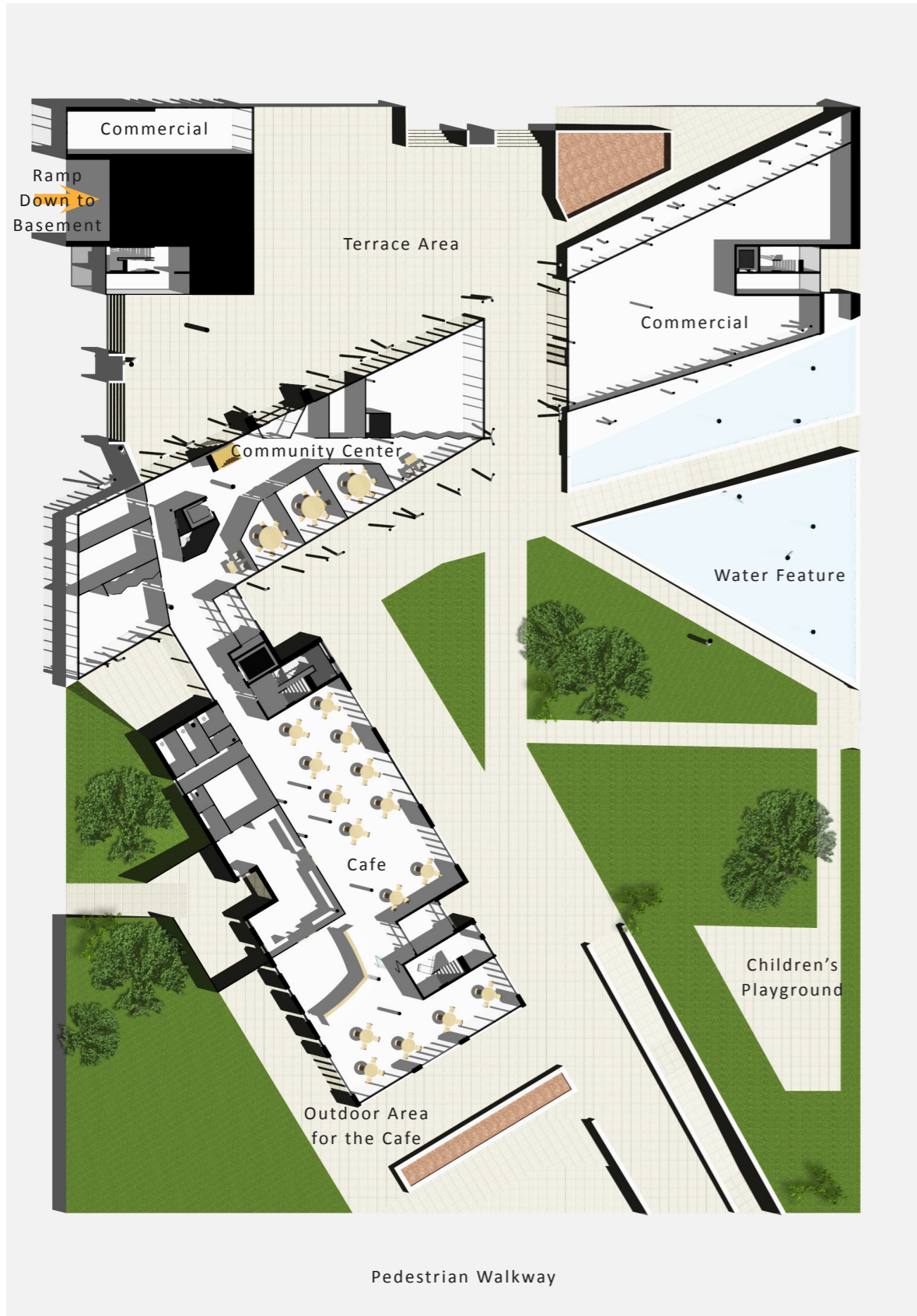
View looking toward north

**Introduction**

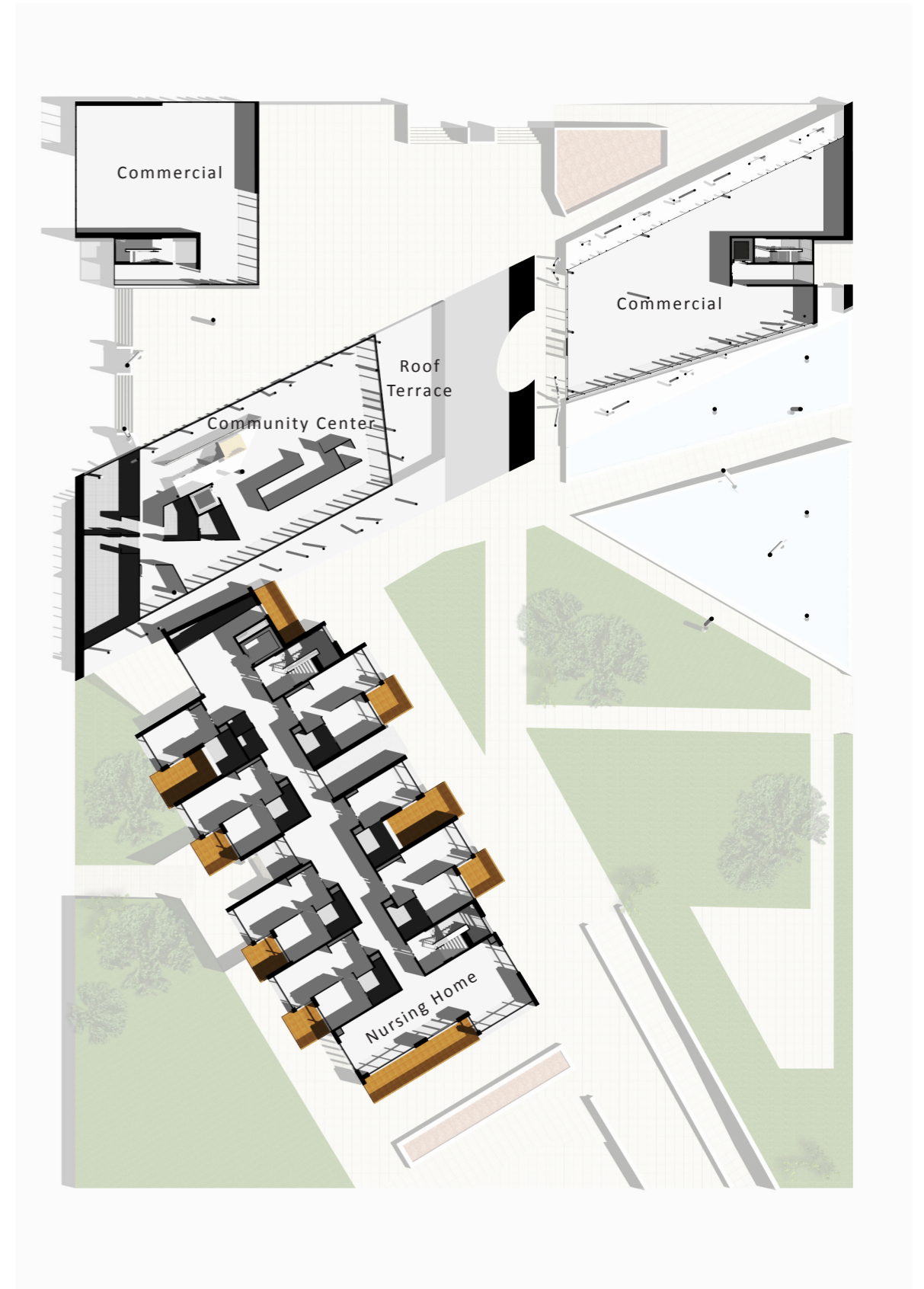
The idea behind this presentation is to give an overview of the project in relation to the design factors consider throughout the project. This section forms a summary of aims that have been achieved.



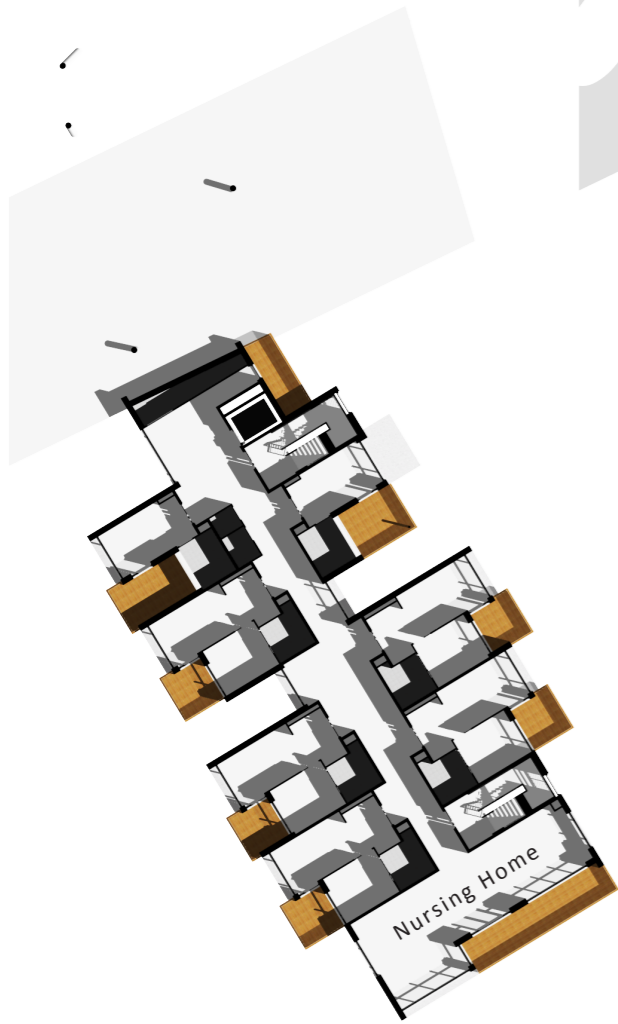
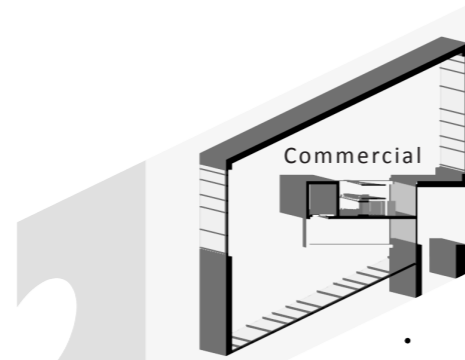
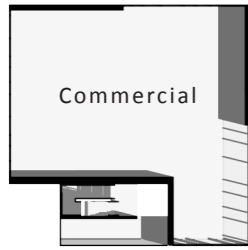
Site Section scale : 1:1000



Ground Floor Plan scale : 1:500

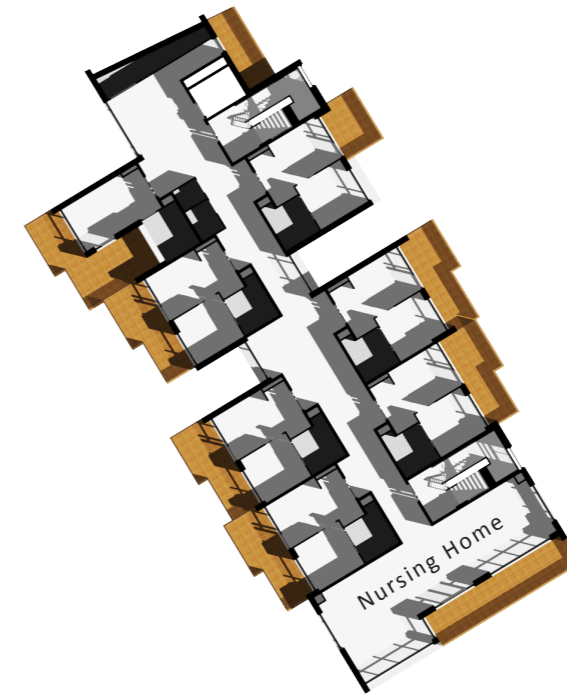


First Floor Plan scale : 1:500



Second Floor Plan scale : 1:500

Room description	Area m <sup>2</sup> (netto)	Sub Total
Community Center		
Ground Floor	401	
First Floor	340	
Sub Total		741
Café		549
Nursing Home		
1st Floor	536	
2nd Floor	537	
3rd Floor	537	
4th Floor	536	
5th Floor	537	
6th Floor	536	
7th Floor	510	
8th Floor	498	
9th Floor	498	
10th Floor	498	
Sub Total		5226
Commercial Space		
Ground Floor	324	
1st Floor	461	
2nd Floor	338	
Sub Total		1123
Apartments		6082
<b>TOTAL BUILDING AREA</b>		<b>13721</b>

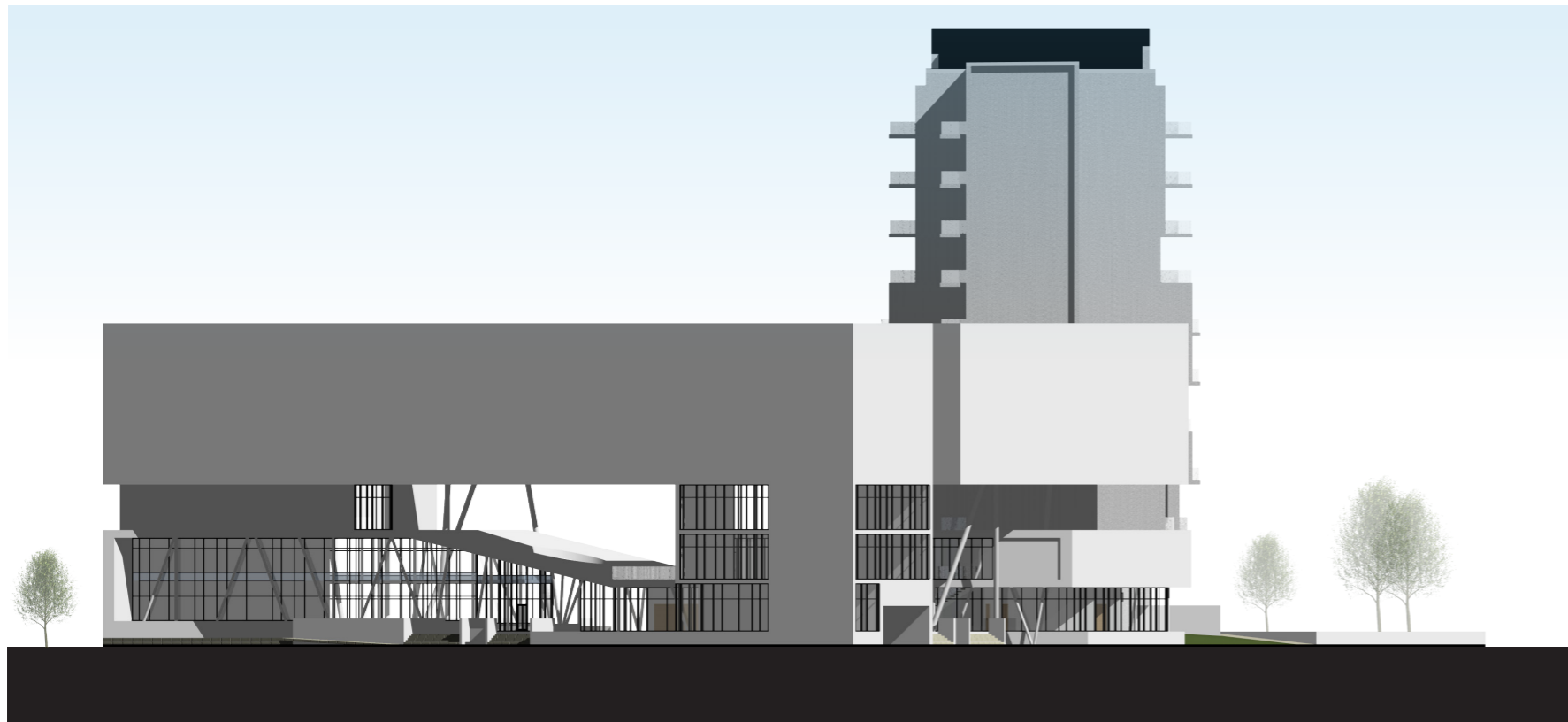


8th Floor Plan scale : 1:500





South Elevation scale : 1:500



North Elevation scale : 1:500

**Therapeutic Environment Factors**

- Provide privacy and completeness and residential units
- Focus on health maintenance, physical movement, and mental stimulation
- Support family involvement
- Maintain connections with the surrounding community



**Therapeutic Environment Factors**

The building design of the community center extends the connection between the proposed nursing home including the larger surrounding community of older people. What people may choose to seek is the service the center provides but also the surrounding view over the fjord. This connection between the nature and site is utilized by forming common space for all the floors where the residents can form a smaller community themselves. In addition to this, the residents and surrounding community have access to an open public café while a mixture of landscaping provides a number of age groups a place to come, including a childrens play area to encourage families with children.

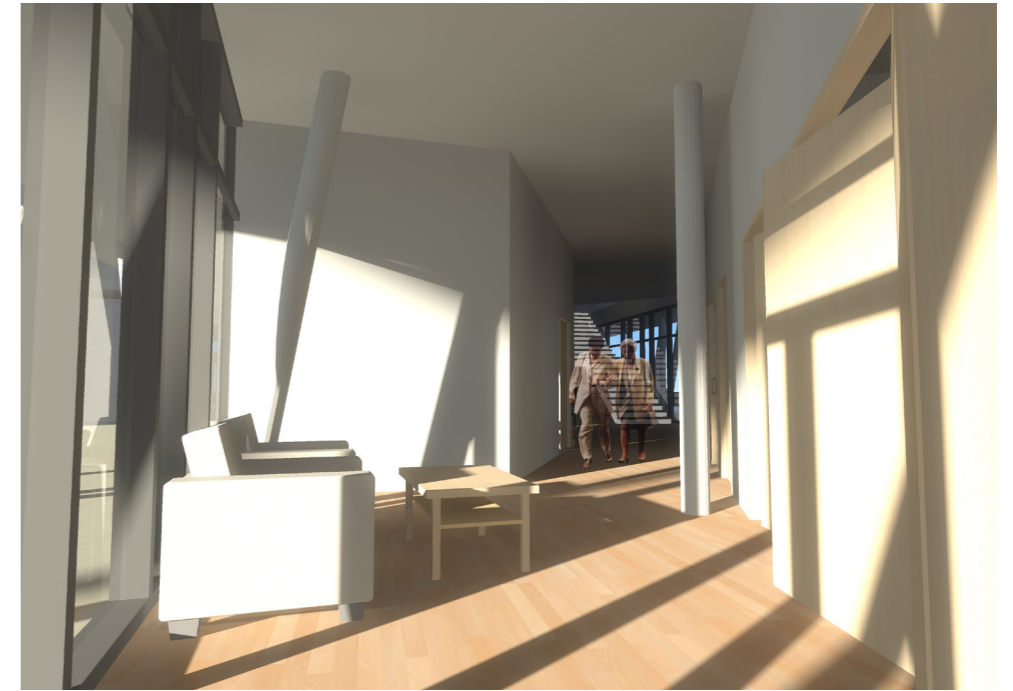
Inside the nursing home, privacy is achieved by positioning public services on the lower floors. Each unit has its own private balconies that are a large internal space which the resident can furnish using their personal belongings.



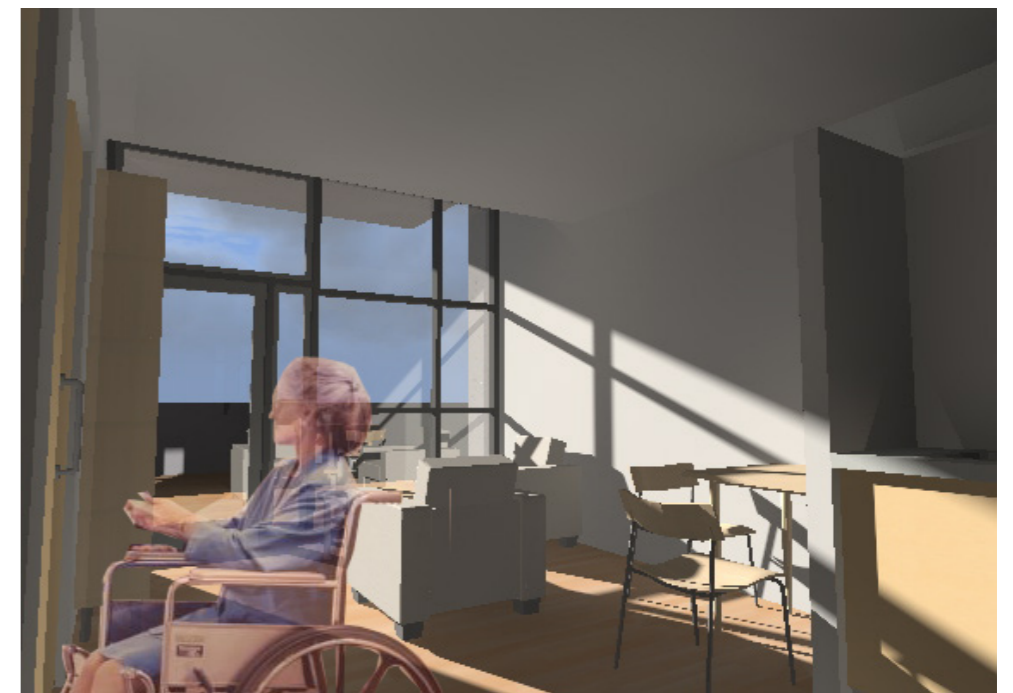
West Elevation scale : 1:500



East Elevation scale : 1:500



View looking towards the entrance of the community center



View inside a unit

#### Evidence Based Design

- Removal of environment stressors
- Connections of nature
- Options & choices
- Positive Distractions



Cross Section Through the Nursing Home & Community Center  
scale : 1:500

#### Evidence Based Design Factors

The initial investigation used evidence based design as a guide to form other factors that affect people's well-being. The proposed building reflects the natural environment of the fjord by clustering the buildings view towards the south. The adjacent neighbouring surroundings of the site remove any environmental stressors through the creation of a public area so that people can congregate surrounded by nature form which in turns provides a positive distraction and stimulating environment for the residents in the nursing home.

#### Design Factors

- Community – integrated site
- Articulated mass and form
- Places for enjoyable rest
- Living room, activity space
- Small and comfortable shared spaces
- Daylight



#### Design Factors

Two lines move through the site connect to the area nearest the fjord and the northern shopping area. By integrating these paths the residents have the ability to move backwards and forwards. Multiple entrances to the residential area of the nursing enable discretion and privacy on the part of the resident entering the building. The community center is more accessible to many people through the provision of space for a diverse range of activities and small shared spaces. Moving up the to the stories the floor plan allows for a private entrance to the resident's unit before entering the communal spaces which provide a more homely context.

From the outside the building's expression articulates mass and the form of the units by transforming them into the building or projecting them outwards. This expression creates private areas that still open towards the view of the fjord and exploits any daylight. The interior shows different areas highlighting architectural form where people can go for some quiet or to socialize.

First Floor Plan scale : 1:500





View towards the entrance of the community center

7th Floor Plan scale : 1:500

**Daylight**

The integration of daylight into the building's design was an important consideration. Positioning of the building towards the southern part of the site not only provides abundant sunlight but also exploits the view over the fjord. Different areas of the site provide spaces where people can follow the warmth of the sun as it move from the east to the west. This is noticeable around the café area.

- Well-being Factors**
- Homely
  - Pleasure
  - Sensory stimulation



**Well-being Factors**

Factors that relate well with evidence based design is the focus on well-being factors within the nursing home. Older people need a pleasurable homely environment.

8th Floor Plan scale : 1:500

Room description	Area m <sup>2</sup> (netto)	Sub Total	Comments
<b>Nursing Home</b>			
1st Floor	536		
2nd Floor	537		
3rd Floor	537		
4th Floor	536		
5th Floor	537		
6th Floor	536		
7th Floor	510		
8th Floor	498		
9th Floor	498		
10th Floor	498		
<b>TOTAL AREA</b>		<b>5226</b>	
<b>Unit Type 1</b>			
		Average Unit	
Living / Kitchen	24		
Bedroom	13		
Bathroom	8		
Sub Total		45	
<b>Unit Type 2</b>			
		Dementia Unit	
Living / Kitchen	17		
Bedroom	11		
Bathroom	8		
Sub Total		36	
<b>Unit Type 3</b>			
		Temporary Unit	
Bedroom	18		
Bathroom	8		
Sub Total		26	

**Factors of Homely within the Nursing Home's Units**

- Personalised entry
- Refined material quality and spatial character
- Refined scale
- Orientation
- Private apartments
- Separate living and sleeping areas
- Outdoor space
- Kitchens
- Personally adjustable apartment controls
- Easy adaptability to changing needs



Typical Temporary 26m2 Unit scale : 1:100

**Factors of Homely within the Nursing Home's Units**

In the design of the units, the entrance provides a transitional area connecting the semi public spaces with the privacy of the individual unit. The units are self contained having their own kitchen, living area, bedroom and bathroom. Every unit has equal amount of view and daylight, as these were an important consideration for the initial design.

The spaces and scale of the spaces within a unit take of a persona of a typical residential house and apartment, which has room to interoperate their own preferences for the furnishings.



Typical Average 45m2 Unit scale : 1:100



Typical Dementia Unit 36m2 Unit scale : 1:100