

DESIGN RATIONALE

Spaces within follow the progression and growth of three different "ripples." The Staff Area becomes the first ripple with a centre garden and the public and multi-purpose space on each side of the building becomes the second and third ripples. Within the public and multi-purpose spaces the columns represent a drop of water hitting the surface to create those ripples.

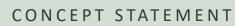
Continuity between interior and exterior as well as transparency and visibility between separate interior spaces are key to providing an atmosphere where residents have the safety and security that they require. Many Veterans suffering from PTSD feel a sense of vulnerability when entering into a closed space or when they're turning a corner. (Platt et al., 2017.) Providing open, rounded, spaces that allow for maximum visibility is vital for Veterans to feel at ease. (Nuamah, 2020.) This is why Swell uses the form created by a ripple along water; a circle. This form allows Swell to become a centre that embraces growth and personal healing within a holistic environment.

Biophilic and sustainable design becomes a platform for mindfulness and confidence within the environment. Living walls along with interior and exterior garden spaces provides residents with the opportunity to reduce stress, build confidence, and make connections with other residents. (Brown, 2013.)

TRANSACTION WINDOW TO PROTECT **RECEPTIONIST FROM** GERMS AND BACTERIA, AND MINIMIZE CONTACT BETWEEN STAFF, RESIDENTS, AND GUESTS

DOOR TO WAITING AREA, MAIL COUNTER, AND OFFICES .

VESTIBULE TO EASIER CONTROL ENERGY CONSUMPTION AND COMFORTABLE TEMPERATURE WITHIN THE BUILDING



Individual swells of a ripple come together to represent a rhythmic outward growth; a reaching motion and ever-expanding radiation from a central point into the distance. The Swell Veteran Living Community will be a place where individual Veterans come together and feel supported through community integration and connections. This allows Veterans to grow and progress much like the swells of a ripple. A space that facilitates a multi-layered and expanding holistic approach to social sustainability of its residents fosters a community that can provide comfort, build confidence, and encourage personal development.

RESEARCH

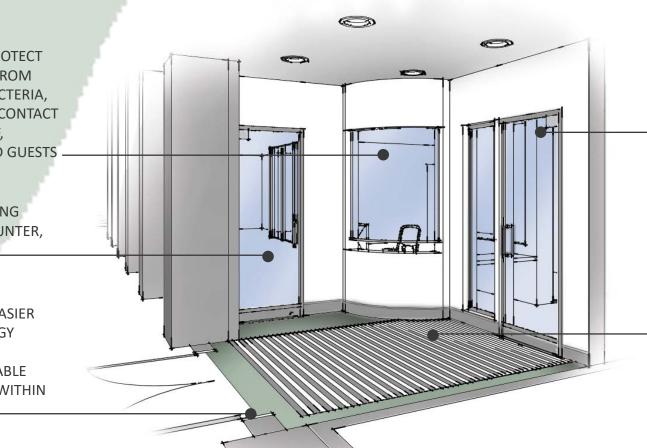
Our design formed as a response to Maslow's Hierarchy of Needs and the eight basic psychological needs outlined by Ingrid Gehl's Bo-miljo.

Based on Maslow's Hierarchy of Needs, a person has five levels which need to be fulfilled in order to sustain a healthy lifestyle. These needs are: physiological, safety, belonging, esteem, and self-actualization. (Maslow, 1943.) Spaces designed for the sustainability of its residents will need to incorporate design solutions that address Maslow's 'needs.'

Ingrid Gehl's 'Bo-miljo,' outlines the importance of designing living environments for social sustainability. (Peters, 2016.) In order to create a socially sustainable environment, thought has to be put into:

- Ownership
- Orientation
- Play Purposefulness
- Experiences
- Privacy
- Contact
- and Aesthetics

All design decisions made within the Veteran Living Community have a direct correlation to any of the above categories.



SKETCH OF MAIN ENTRY VESTIBULE CONTROLLED ENTRY THROUGH KEY FOB AND COMM SYSTEMS PROVIDES TOUCHLESS ENTRY INTO BUILDING

LOCATION RATIONALE

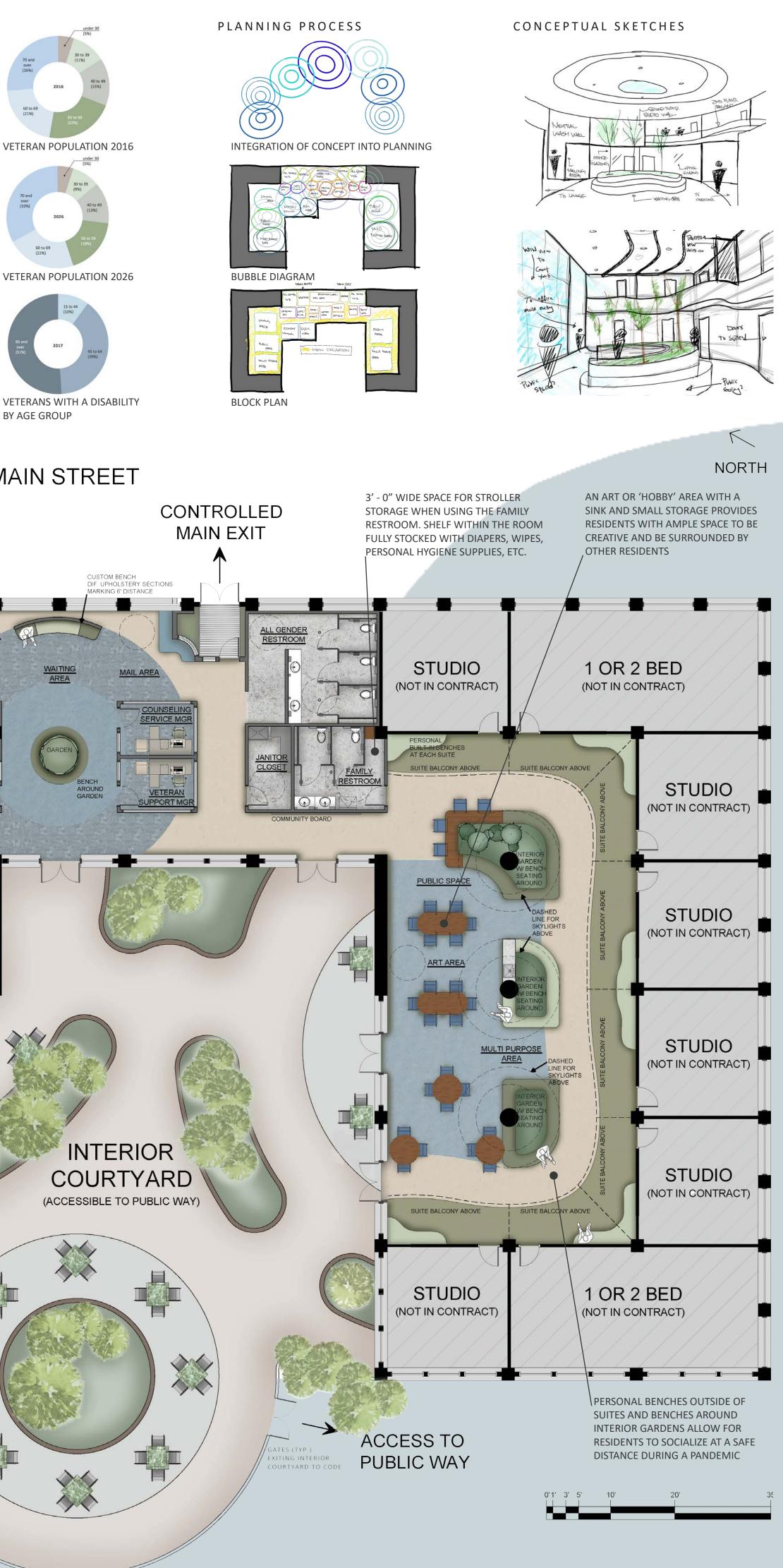
Due to the high volume of Veterans nearby, as well as the close location of a Legion, the neighborhood surrounding the East side of Langford Lake is becoming the home of the Swell Veteran Living Community.

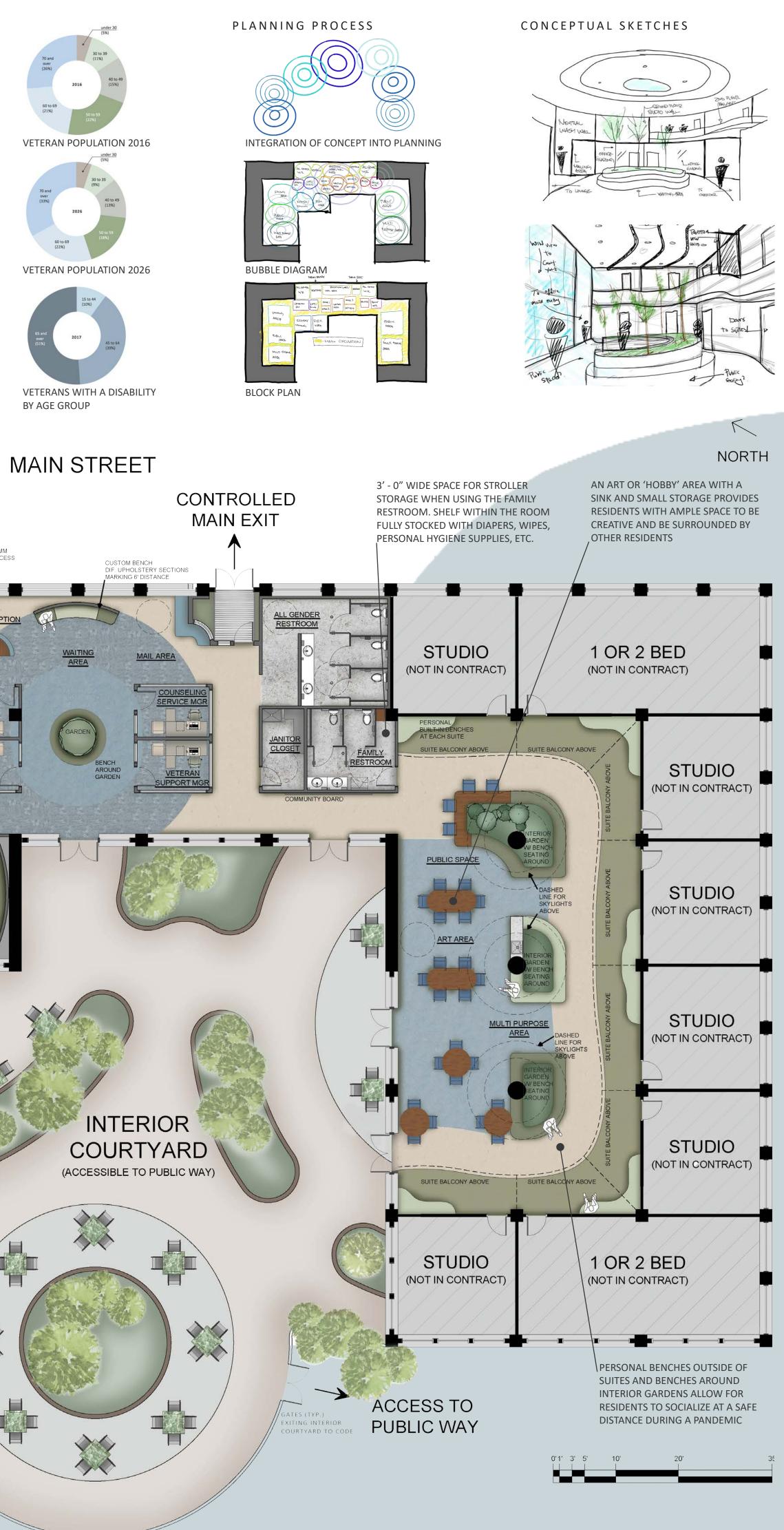
Located within 15 minutes walking distance to a Veteran Rehab Centre and 10 minutes away from one (of three) of the local community centres, access to fitness and exercise is provided. Affordable shopping is located nearby. Veterans have access to Habitat for Humanity, Salvation Army, Wal-Mart, Restaurants, and Coffee Shops. These facilities are all within 20 minutes walking distance or a short bus ride away through many of the bus stops conveniently located.

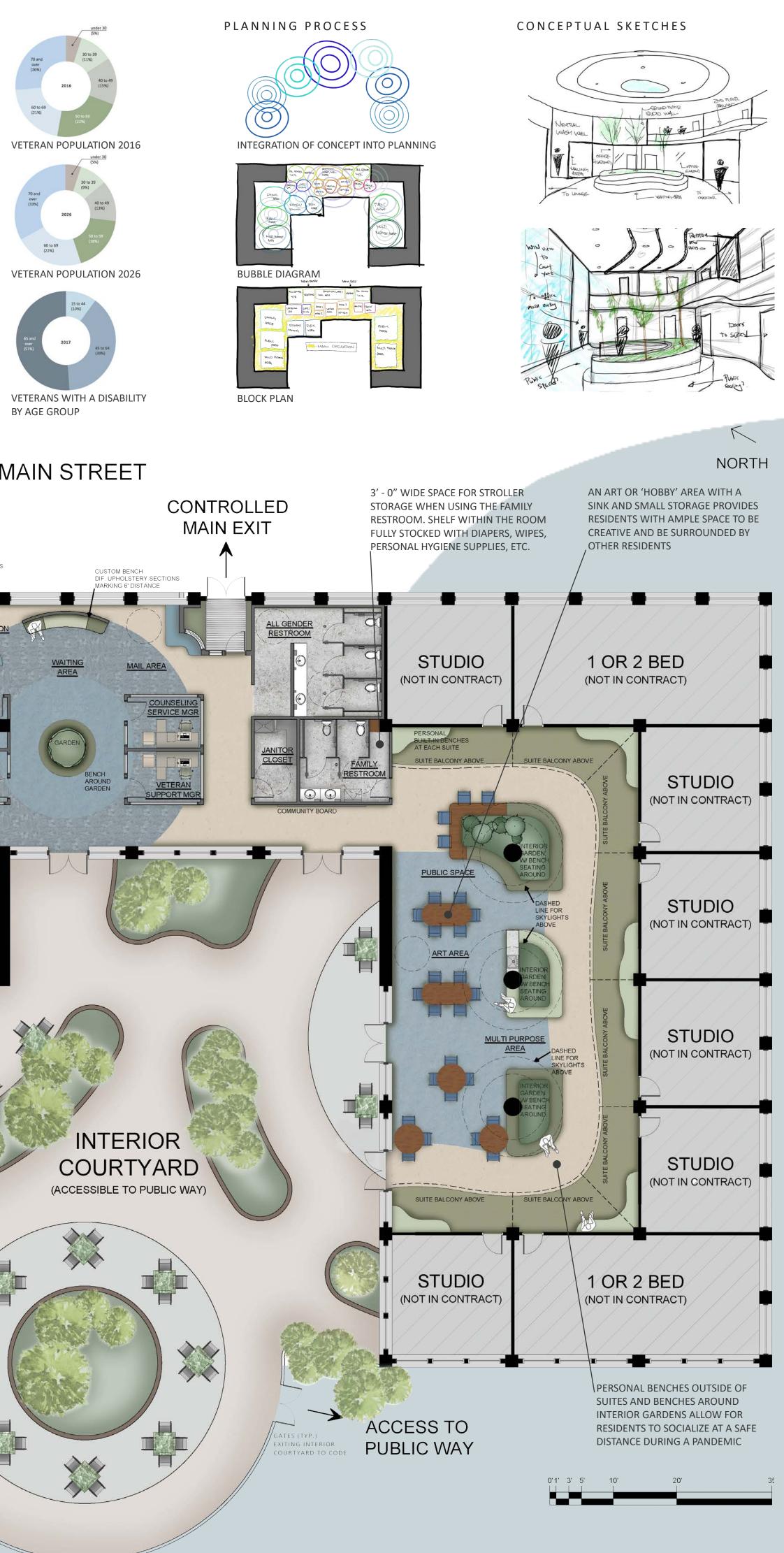
Multiple health clinics and specialized medical care are nearby and easily accessible, while the hospital is an 11 minute drive or 40 minute bus ride away.

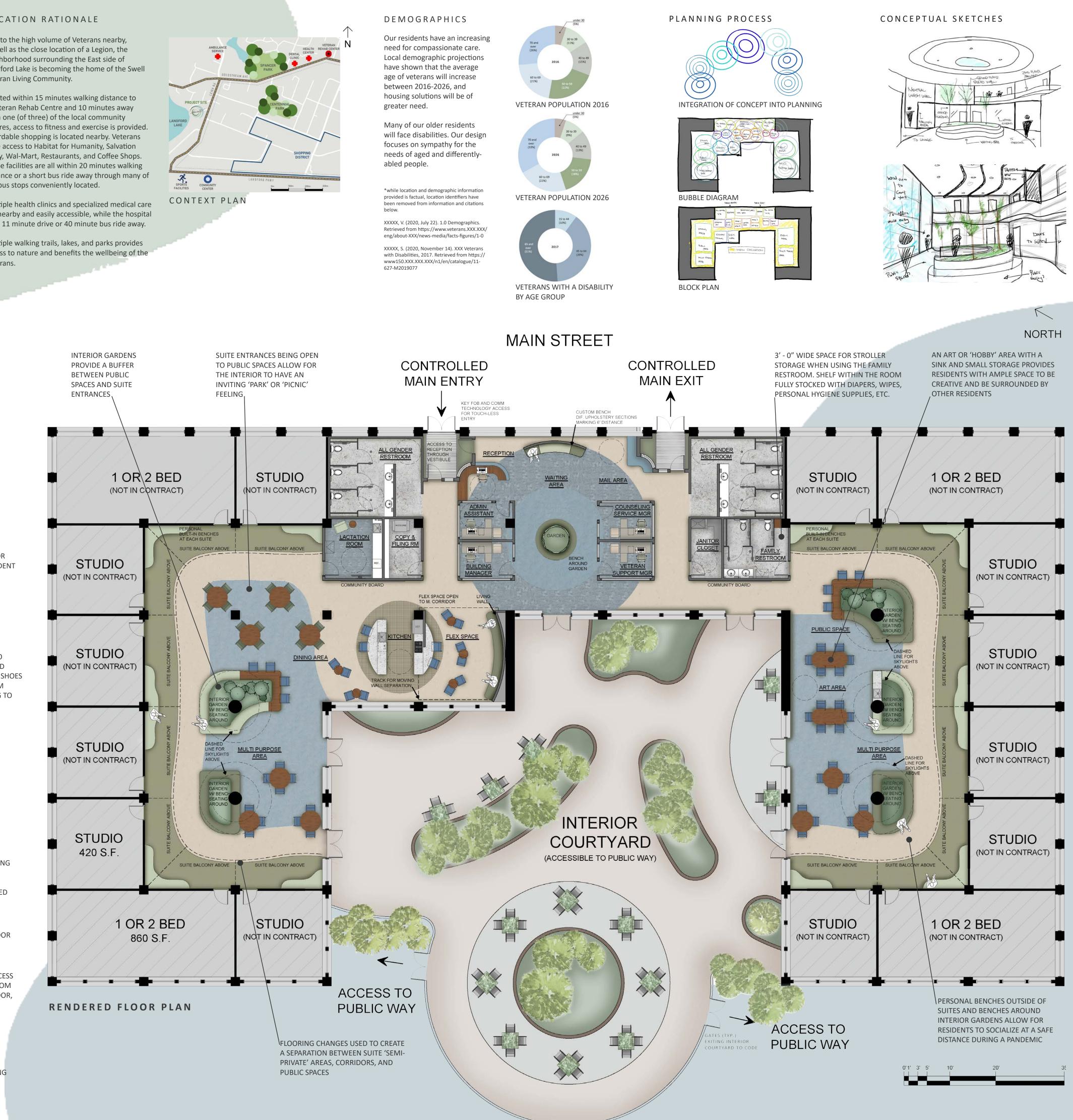
Multiple walking trails, lakes, and parks provides access to nature and benefits the wellbeing of the Veterans.











DOOR TO INTERIOR SPACES AND RESIDENT SUITES

WALK OFF MAT TO CLEAN DEBRIS AND BACTERIA OFF OF SHOES TO PREVENT THEM FROM SPREADING TO INTERIOR

OFFICE WALLS ARE TRANSPARENT GLAZING WITH PULL DOWN BLINDS (PROVIDING PRIVACY) CONTROLLED FROM WITHIN

WASHROOM CORRIDOR

STAFF, GUESTS, AND **RESIDENTS HAVE ACCESS** TO RECEPTIONIST FROM WASHROOM CORRIDOR, VESTIBULE, AND WAITING AREA

_ CUSTOM BENCH SEATING WITH UPHOLSTERED CUSHIONS INDICATING 6' SOCIAL DISTANCE



PERSPECTIVE OF DINING AREA AND COMMUNITY KITCHEN

CREATING A DYNAMIC FLEX SPACE

Located in the centre of the public areas, behind the kitchen and open to the main corridor, is a dynamic flex space. With tall arched windows, residents are able to sit in sunlight and enjoy a view of the courtyard. A living wall lines the back of built in seating, adding a touch of green to the space and providing an acoustic solution.

This area can be 'soft closed' with a curtain running on a track that allows for privacy and separation of activities. Partitioning this space from the rest of the public area will facilitate a cozy environment. It lends itself to smallcrowd events such as a book club or a guest speaker. Chairs and tables can be rearranged to suit the needs of the activities.

DIFFERENT LEVELS OF CEILING CREATE A 'RIPPLE' MIRRORING THE FLOOR PATTERN __

LIVING WALL WITH ACCESS TO LOTS OF DAYLIGHT _

METAL TRACK AT 10' - 0" AFF FOR CURTAINS _

MAGNETIC WHITE BOARD TO BE USED DURING DIFFERENT MEETINGS OR ACTIVITIES ____

MULTIPLE SEATING OPTIONS FOR RESIDENTS



SKETCH OF FLEX AREA AND COMMUNITY KITCHEN



SKYLIGHTS ALLOW FOR GREATER ACCESS TO NATURAL LIGHT AND PROVIDE A NATURAL LIGHTING SOLUTION DURING THE DAY

SUITE BALCONIES PROVIDE A SPACE THAT RESIDENTS CAN PERSONALISE. RESIDENTS CAN RELAX, SOCIALIZE, AND PEOPLE-WATCH FROM THEIR BALCONIES

PLANTS IN INTERIOR — GARDENS ARE SELECTED DUE TO THEIR ABILITY TO THRIVE INDOORS.

COLUMNS REPRESENT_ THE DROPS OF WATER THAT CREATE RIPPLES

INTEGRATED LIGHTS ALLOW FOR RESIDENTS TO UNDERSTAND WHERE THE FLOORING ENDS AND MILLWORK BEGINS DURING THE EVENING



PERSPECTIVE OF MULTI PURPOSE AREA

FLEX AREA CAN BECOME AN EXTENSION OF THE DINING AREA IN THE EVENT OF A PANDEMIC, OR A MORE PRIVATE/ QUIET DINING OPTION

ADJACENCY OF FLEX AREA TO COMMUNITY **KITCHEN ALLOWS** MEETINGS TO HAVE ACCESS TO FOOD AND DRINKS

MATERIAL RATIONALE

Materials throughout work together to create a sense of stability, continuity, and familiarity within the environment. Rippled physical textures provide visual and physical stimulation, while materials with no visual texture provide residents with a 'grounding' and 'stabilizing' feeling. Transparency of some materials allows for continuity throughout the environment. Colour is used, along with the design of the flooring, as a wayfinding tool in order to create a sense of familiarity within. Main Corridors, Staff Areas, Public Spaces, and Semi-Private 'front yards' attached to suite entrances are all defined through the use of different coloured areas of flooring.

MATERIAL HEALTH AND SAFETY RATIONALE

Materials within the Veteran Living Community will be picked for sustainability as well as ease of maintenance and cleaning. Sustainable materials provide residents with a healthier environment, while materials that can be easily maintained and cleaned are vital to stop the spreading of germs and bacteria. Being able to clean materials within the space multiple times over the course of a day, but still rely on the material to maintain its original appearance is important. An avoidance of plastic and stainless steel within will be beneficial to the residents due to the lifespan of a virus on those surfaces. (Brownell, 2020.)

20'

0'1' 3' 5'

10'

ORGANICALLY SHAPED TEXTURED WALL PANEL ALONG WALLS FOR ACOUSTIC CONTROL

- WALL SCONCES TO CREATE THE FEELING OF HAVING A 'PATIO LIGHT'

SUITE DOORS ARE ARCHED FOR CONTINUITY WITH WINDOW SHAPE

_ PERSONAL **BENCHES AT SUITE** ENTRIES

CARPET TILE USED IN OFFICE AREA

Carpet tiles in specific areas allow for stained and worn tiles to be easily replaced. Tessera Forbo carpet tiles are 58% recycled content and complies to 01350 Indoor Air Quality Standards.

BLUE LINOLEUM FLOORING USED IN PUBLIC SPACES Flooring throughout is mainly linoleum which is harvested from renewable sources, CO2 neutral, and biodegradable

> BEIGE LINOLEUM FLOORING USED IN CORRIDORS

GREEN LINOLEUM FLOORING USED TO CREATE 'FRONT YARD' AREAS AT SUITE ENTRANCES

FURNITURE LINOLEUM USED AT MILLWORK AND BUILT IN BENCH SEATING Furniture linoleum has a warm and comfortable tactile finish with a matte surface. It's made from natural materials and is an environmentally friendly choice.

> FURNITURE LINOLEUM USED AT MILLWORK AND BUILT IN BENCH SEATING

TEXTURED ACOUSTIC WALL PANEL USED ALONG SUITE ENTRIES AND BALCONY WALLS

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