

Age-friendly South Osborne What is Age-friendly?

Age-friendly Communities

Canada's aging population has prompted a larger movement towards age-friendly communities. Age-friendly communities consider how well people of all ages and abilities can access local services and feel included in their community. This requires a close examination of the built environment and the way spaces shape our daily activities. The World Health Organization (WHO) (2007) has developed a guide to analyze and outline the strengths and areas for improvement of age-friendly communities.

Age-friendly Documentation

The World Health Organization's *Age-friendly Cities: A Guide* outlines topic areas, which should be considered in making a city age-friendly. These features include the following (WHO, 2007):

- Transportation
- Housing
- Built environment and outdoor spaces
- Social participation

The age-friendly features suggested in each of the topic areas were used to provide a framework for this study.

The City of Winnipeg's land use and development strategy, *Complete Communities* (2011), was further used to complement *Age-friendly Cities* and to consider the local context.



Osborne Street facing north

Area of South Osborne

South Osborne is one of Winnipeg's mature neighbourhoods, and was constructed predominantly between 1900-1950 (Complete Communities, 2011). The area is comprised of two electoral districts: Lord Roberts and Riverview. Osborne Street divides the districts and is the main north-south thoroughfare that provides entry to the area.

South Osborne is primarily a residential neighbourhood, with commercial and retail activity concentrated on Osborne Street. Essential services such as pharmacies, grocery stores, and health care, are present there. Other amenities including restaurants, banks, convenience stores, and recreation centres provide services and also act as gathering places for the community.

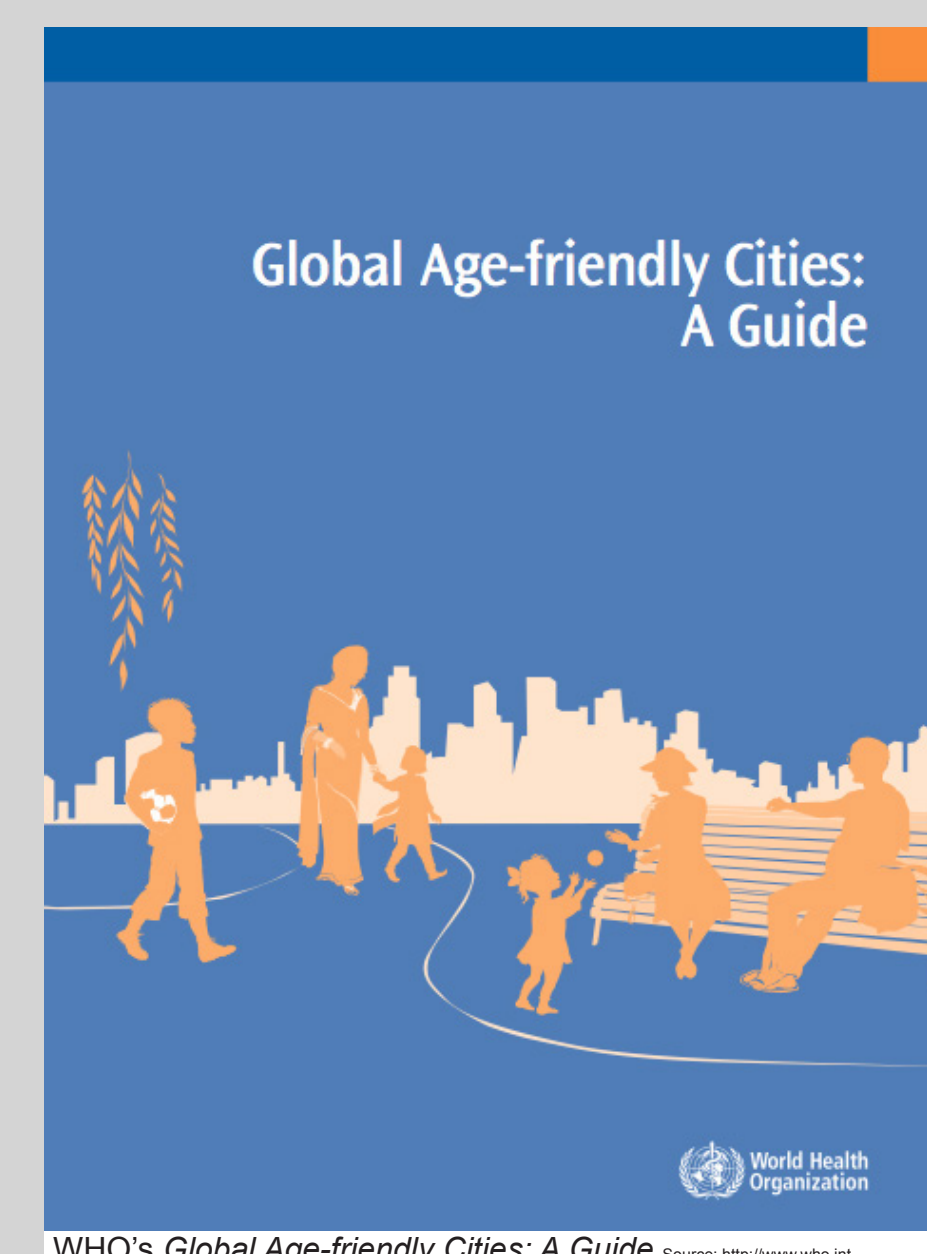
Older Adults in South Osborne

Throughout the community consultation process it became clear that residents consider South Osborne to be a relatively age-friendly neighbourhood. Services and amenities are all located within close proximity to homes and there are many opportunities for socializing. Although personal vehicles were used by many as the primary mode of transportation, those who used public transportation were also able to get around the city easily. A variety of housing types were found to be available to older adults in South Osborne, including: single-family homes, rental units, condominiums, and even co-operative housing. There are multiple venues that provide social opportunities to the community, and many of the multi-family dwellings have their own social clubs and planned activities within the buildings.

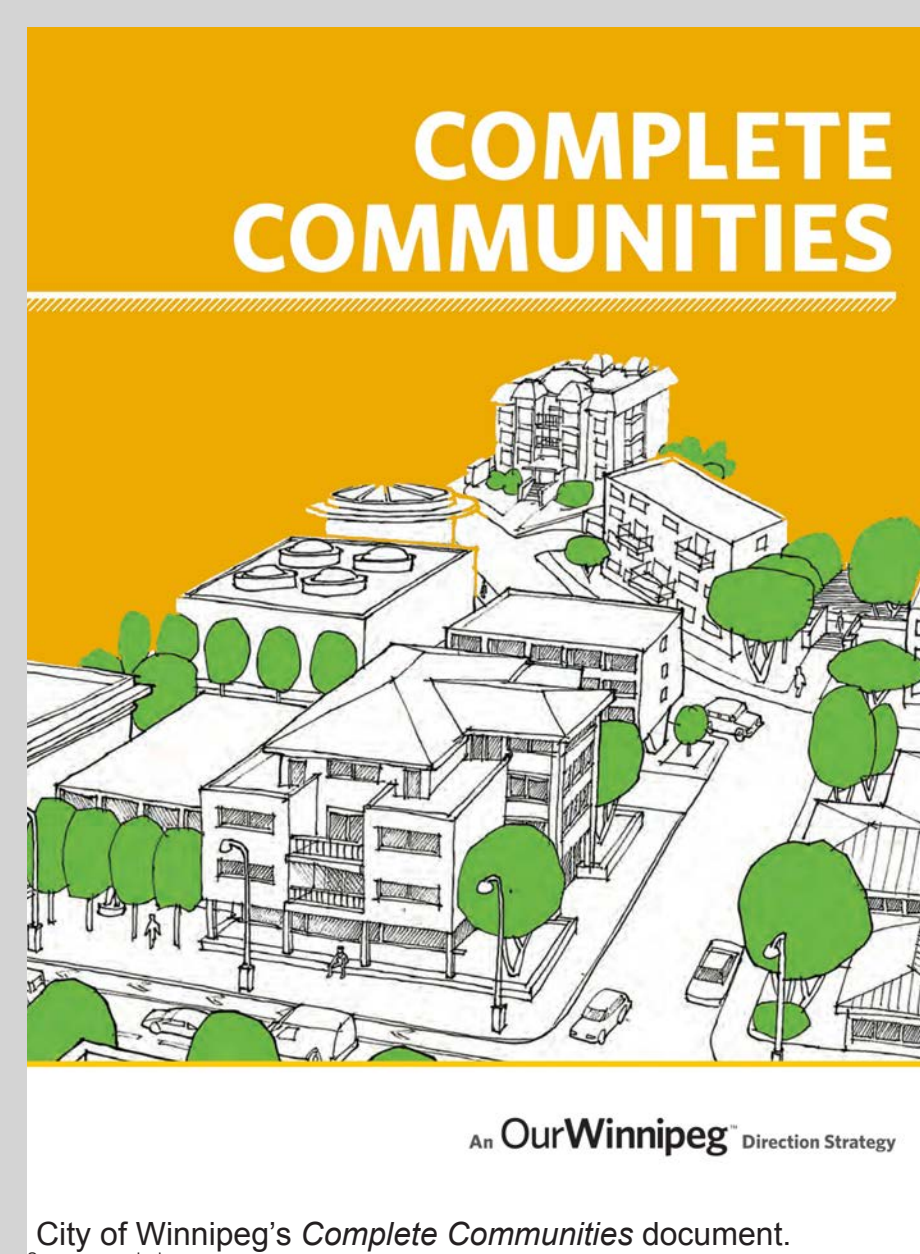


City Planning
December 2012

Lise Gibbons
Jeana Klassen
Kayla Penelton



WHO's *Global Age-friendly Cities: A Guide* Source: <http://www.who.int>



City of Winnipeg's *Complete Communities* document. Source: www.winnipeg.ca

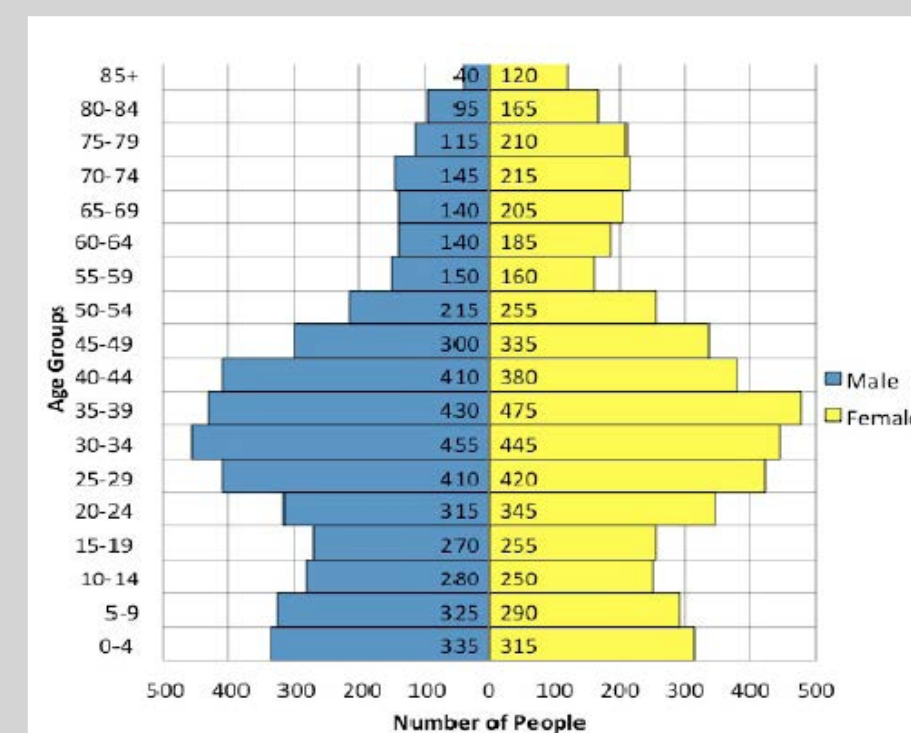


Figure 1. 1996 South Osborne age pyramid (Source: Stats Canada)

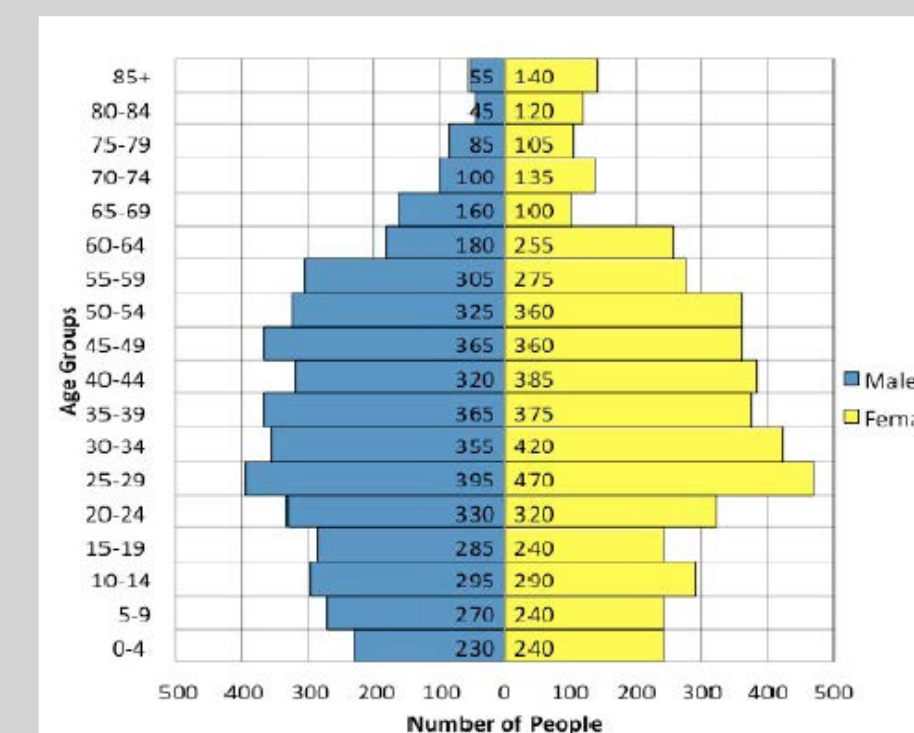
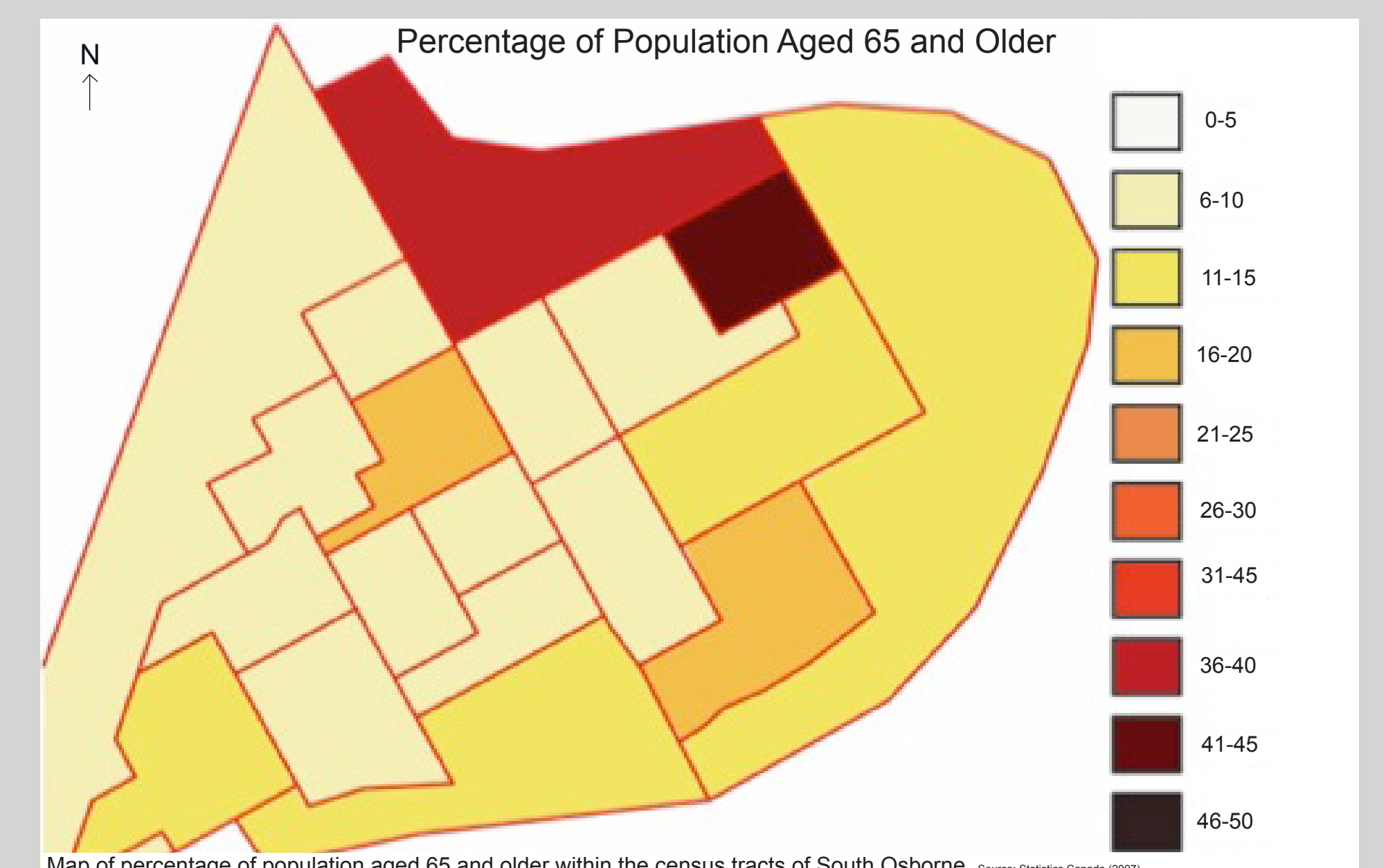
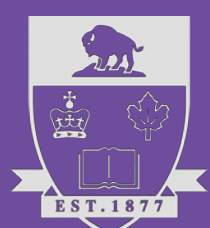


Figure 2. 2006 South Osborne age pyramid (Source: Stats Canada)



Map of percentage of population aged 65 and older within the census tracts of South Osborne. Source: Statistics Canada (2007)

Age-friendly South Osborne Overview Map



UNIVERSITY
OF MANITOBA

City Planning
December 2012

Lise Gibbons
Jeana Klassen
Kayla Penelton



Focus Areas

With a mix of transportation options, land-uses, housing types, and social and recreational opportunities, South Osborne already has many age-friendly components. To further build on its age friendliness, four areas that have been highlighted for improvements: North Gateway, Station Square, Central South Osborne, and Morley Avenue.

North Gateway

The north entrance of South Osborne is currently framed by an unappealing underpass and a poor pedestrian environment. This area is a vital link from the community to the Osborne Rapid Transit Station, and thus needs improvement. Mixed-use development and pedestrian-scaled facilities have been proposed to link the community with Station Square.

Station Square

A mixed-use development could link the surrounding communities to the Fort Rouge Rapid Transit Station. With neighbourhood scaled commercial and recreational development, daily necessities will be provided within a reduced and walkable distance.

Morley Avenue

Morley Avenue provides an important connection from Osborne Street to the Fort Rouge Transit Station. Streetscaping is recommended to improve the connectivity between these two hubs.

Central South Osborne

With high volumes of through traffic on Osborne Street and large vacant parking lots adjacent to it, a plan is needed to improve the pedestrian environment. It is proposed that small-scaled commercial buildings be developed, and improved crossings provided.

Osborne Crossings

Crossings on Osborne Street several blocks apart, present a challenge for people with limited mobility. Additional crossings are recommended to reduce walking distances and to provide pedestrian priority at intersections without existing crosswalks.

Strengths

- Mix of land-uses along Osborne Street
- Services and amenities are provided within a short distance
- Green spaces are interspersed throughout the community
- Residential areas are clean and well landscaped
- Green spaces have plenty of benches
- Residents feel safe and secure in the community
- Age-friendly building features, including ramps, signage, and public toilet access, are provided in many businesses.



Services and amenities along South Osborne



Pembina Fisher Park



Intergenerational activities. Source: Capers_02_opt.jpg



Rest areas

Areas for Improvement

- Need for mix of land-uses within neighbourhoods
- No local food cooperative grocery store
- Unfriendly pedestrian environment on Osborne Street
- Poor physical and perceived connection between Riverview and Lord Roberts neighbourhoods
- Unsafe bench conditions in Pembina Fisher Park
- Inadequate lighting along Churchill Drive Park
- Lack of public toilets in parks



Unsafe bench



Inadequate pathway lighting



Osborne Street is the main commercial and transportation corridor

Age-friendly Outdoor Spaces & Buildings?

An older adult's ability to freely accomplish day-to-day tasks and periodic recreational activities is partially dependent on the quality of the built environment and outdoor spaces. These spaces also encourage recreational activities for older adults. Features that make a community's built environment and outdoor spaces age-friendly include:

- Mix of land-uses (residential, commercial, and recreational)
- Multi-generational spaces
- Safe, pleasant, and clean environment
- Facility accessibility (e.g. ramps and signage)

South Osborne is made up of commercial buildings along Osborne Street, residential buildings on either side of Osborne Street, and institutional and green spaces throughout the community (see Figure 1). Older adults were found to be very satisfied with the safety and land-uses within South Osborne as a whole, but there are opportunities to increase the comfort and accessibility of these spaces.



Figure 1: South Osborne land-use map (adapted from ATLAS Geomatics, 2005)



UNIVERSITY
OF MANITOBA

City Planning
December 2012

Lise Gibbons
Jeana Klassen
Kayla Penelton

Older adults were found to be very satisfied with the safety and land uses within South Osborne as a whole, but there are opportunities to increase the comfort and accessibility of these spaces.

Age-friendly South Osborne Transportation

Strengths

- Even surface sidewalks with curb cuts ensure high quality walking surfaces
- River walking trails are an enjoyable daytime walking environment
- Cycling facilities, including a greenway and bike boulevard, provide cyclists with a designated right-of-way
- Sustainable South Osborne Community Co-op's South Osborne Bike Hub provides volunteer bike repair assistance
- Transit stops are accessible and weather-protected
- Rapid transit access is provided at Fort Rouge, Jubilee, and Osborne Stations
- Ample on-street and lot parking



Separated pedestrian and cycle-way with curb cuts



Sheltered bus stop on Osborne Street



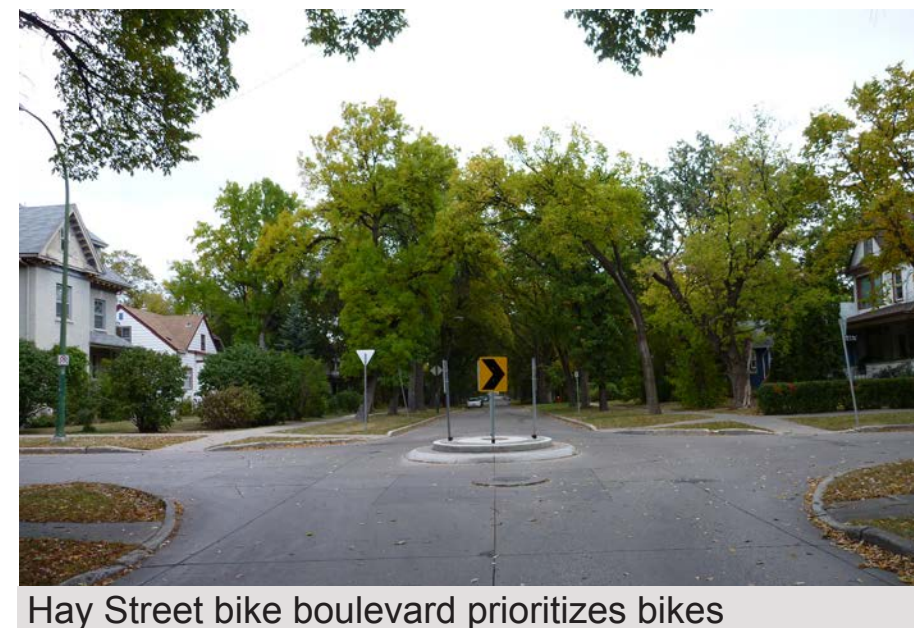
High traffic volumes on Osborne Street



Morley could be improved through streetscaping



Fort Rouge Recreation & Leisure Centre parking lot



Hay Street bike boulevard prioritizes bikes



The area around the Fort Rouge Transit Station has potential for mixed-use development



Osborne Street divides the Lord Roberts and Riverview neighbourhoods, and is not pedestrian friendly



The underpass on Osborne Street is an uninviting pedestrian environment

Areas for Improvement

- Osborne Street pedestrian crossings are few and far between
- Pedestrian and cyclist access through underpass is narrow, dark, and unappealing
- Handi-Transit runs infrequently and is not accommodating of riders' schedule
- Infrequent buses (95 - Tuxedo to Riverview, see Figure 2)
- Osborne Rapid Transit Station is disconnected from community
- Fort Rouge Rapid Transit Station would benefit from development to draw people in and reduce the perceived distance to the station
- Morley Street and Osborne Street have potential for streetscaping to improve their appeal, further encouraging pedestrian and transit activity

Age-friendly Transportation?

Older adults' mobility is crucial to their physical and social activity and well-being. With the help of age-friendly transportation, older adults can maintain their independence for a longer period of time. Age-friendly transportation factors include:

- Transportation variety
- Public transport accessibility and comfort
- Street and sidewalk design and maintenance
- Resting and lighting facilities
- Parking

High quality multimodal transportation facilities are provided within South Osborne; however, opportunities for improved network connectivity do exist. Figure 1 shows the multimodal transportation routes throughout South Osborne. The current bus routes and stops, along with walking distances from Fred Tipping Place Seniors Housing are shown in Figure 2.



Figure 1: Map of multimodal transportation options in South Osborne.
Source: Statistics Canada (2007)

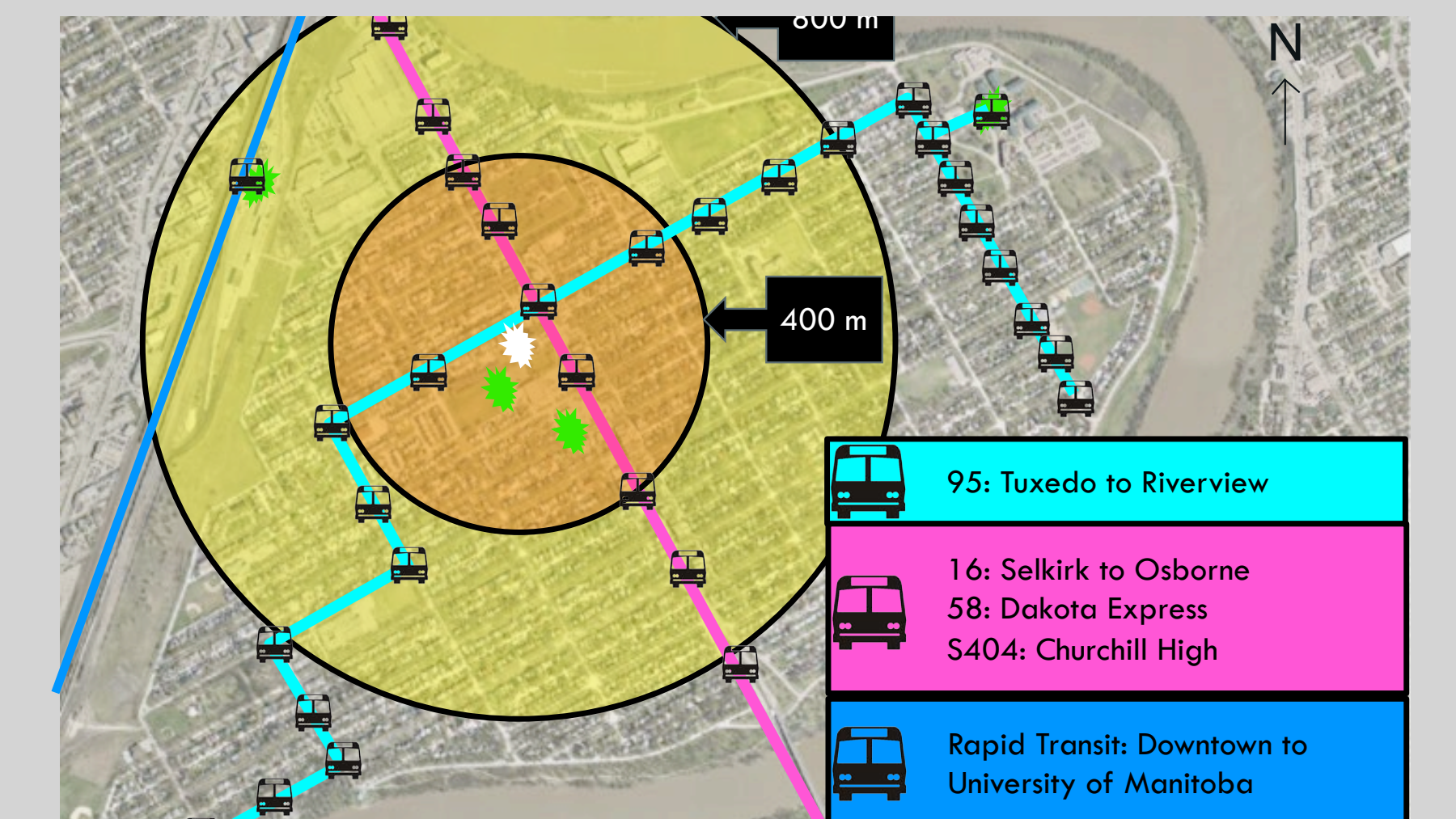


Figure 2: South Osborne bus routes and walking distances from Fred Tipping Place
Source: Statistics Canada (2007)

High quality multimodal transportation facilities are provided within South Osborne; however, opportunities for improved network connectivity do exist.



UNIVERSITY
OF MANITOBA

City Planning
December 2012

Lise Gibbons
Jeana Klassen
Kayla Penelton

Strengths

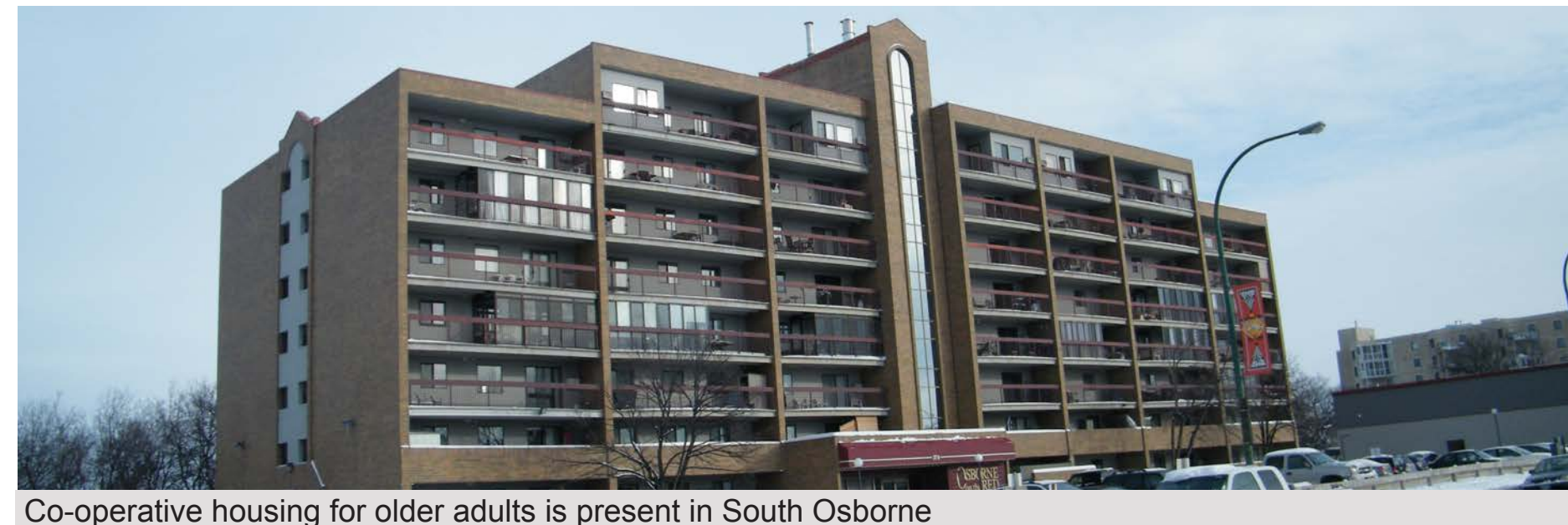
- A variety of housing types are present in South Osborne
- Affordable housing options are available
- Housing is located within walking distance to essential services



A variety of housing types are available



Modified home to improve accessibility



Co-operative housing for older adults is present in South Osborne



High-density condominiums



Side-by-side housing option



An example of different housing types with varied levels of accessibility

Areas for Improvement

- More affordable housing options would be beneficial
- Housing dedicated for older adults will be an asset
- Improve accessibility in buildings to accommodate for older adults' mobility



Apartments are walk-up only, and may not be accessible for older adults



More subsidized housing could be beneficial



Stairs limit access for those with mobility issues



Some homes are maintenance heavy



Steep stairs required to enter apartments are not age-friendly

Age-friendly Housing?

Housing is an essential element to the safety and well being of older adults (WHO, 2007). Housing can impact the independence of older adults who depend on the proximity and availability of essential services and social opportunities for their well being. The WHO describes the following categories as important housing considerations within an age-friendly community:

- Affordability
- Essential services
- Design
- Modifications
- Maintenance
- Aging-in-place
- Community integration
- Housing options
- Living environment

South Osborne's dwelling types and period of construction, as found in the 2006 census, are shown in Figures 1 and 2 respectively.

South Osborne: Type of Dwelling (2006 Census)

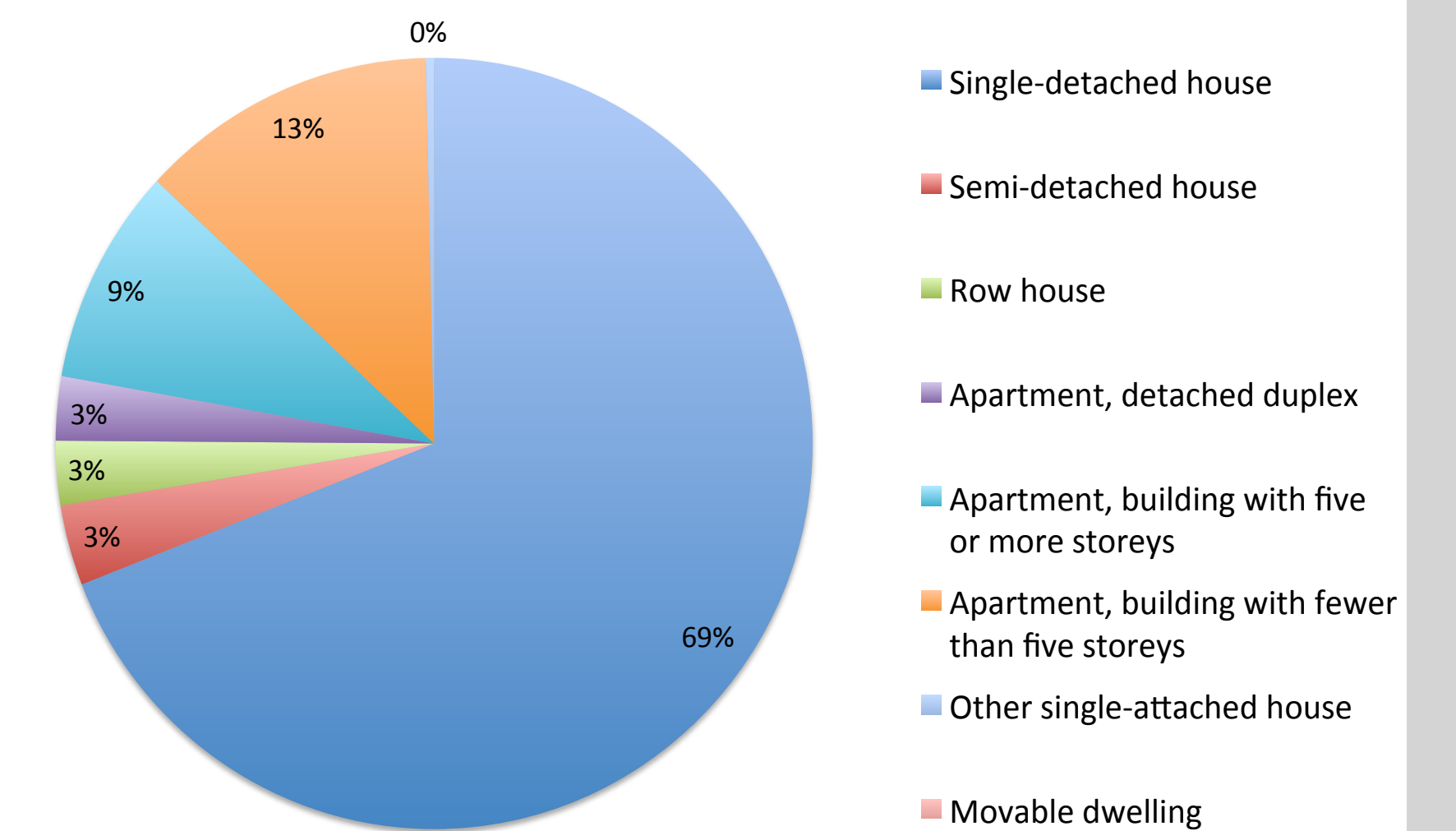


Figure 1: Dwelling Types. Source: Statistics Canada (2007)

South Osborne: Dwelling Period of Construction (2006 Census)

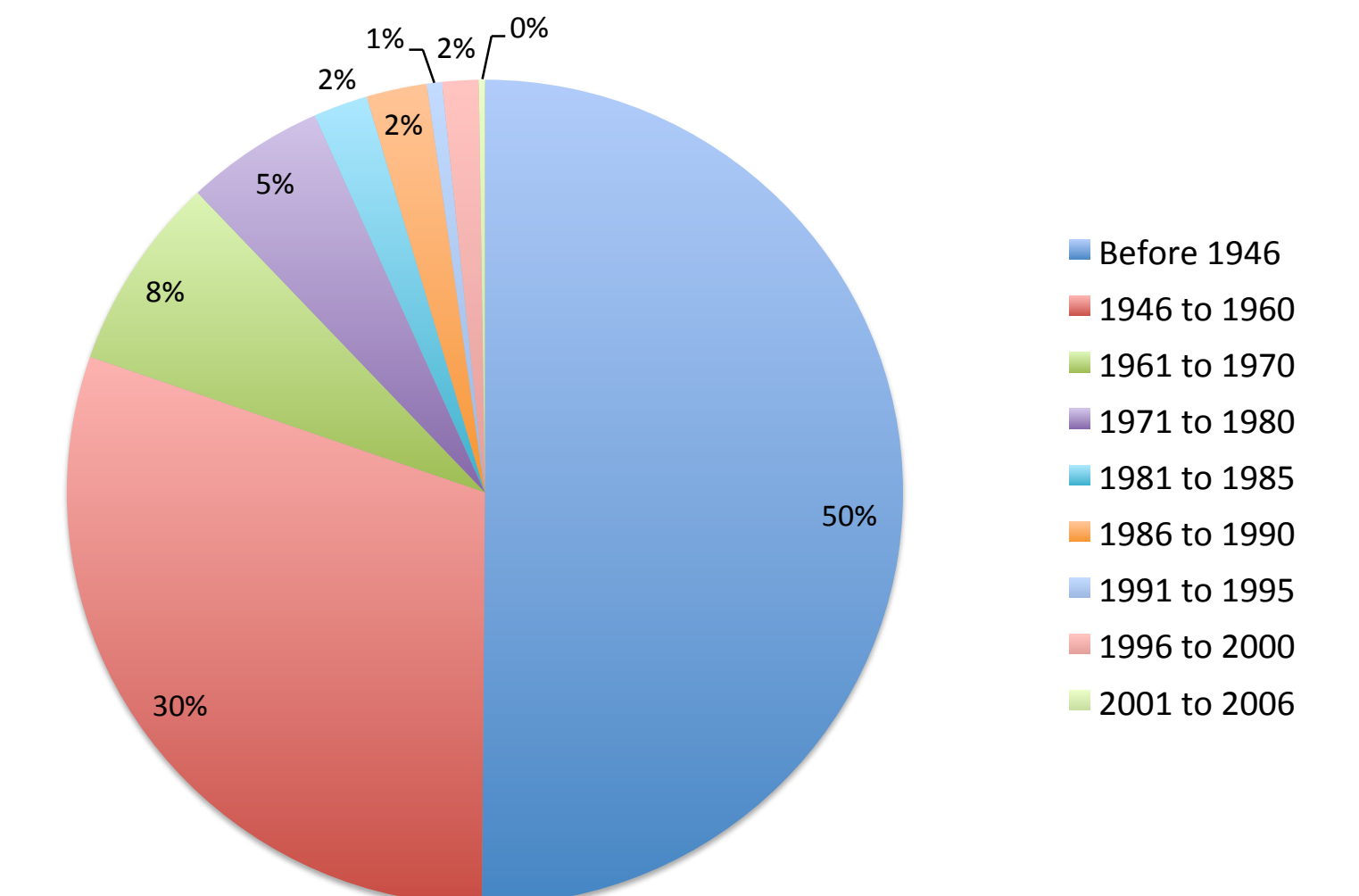


Figure 2: Period of Construction. Source: Statistics Canada (2007)

Housing is an essential element to the safety and well-being of older adults.



UNIVERSITY
OF MANITOBA

City Planning
December 2012

Lise Gibbons
Jeana Klassen
Kayla Penelton

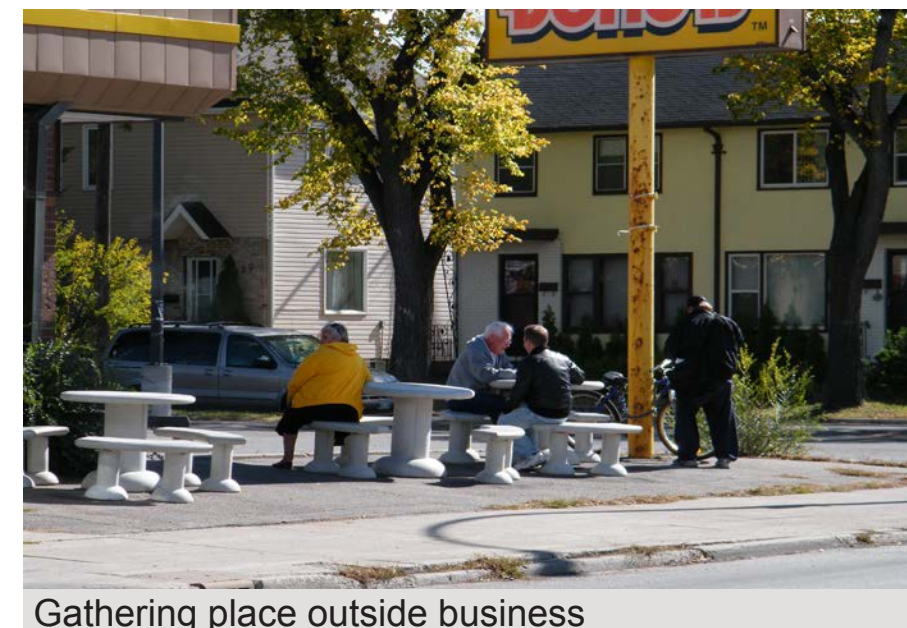


Strengths

- A range of activities offered in various locations around South Osborne
- Activities held in accessible buildings with push-to-open doors and wheelchair ramps
- Affordable activities such as penny bingo, dance groups, and church groups
- Active community initiated organizations such as the Sustainable South Osborne Cooperative (SSOC), which has created community gardens around South Osborne



Churches offer groups to participate in



Gathering place outside business



Adequate information signs along Osborne Street



South Osborne Legion offers activities



Activities offered: Fort Rouge Curling Club

Areas for Improvement

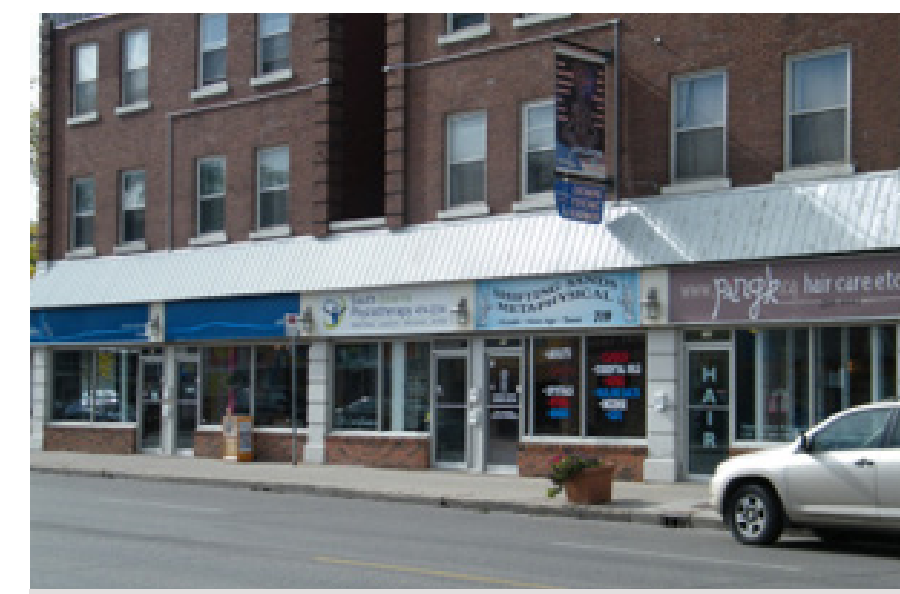
- Reorganizing activities to entice older adults to leave their residences and become involved
- Creating new ways to inform older adults
- More intergenerational and cultural activities could be offered
- Facilitating inter-group activities
- Creating stronger and long-lasting connections between older adults and the neighborhood
- Create new chances for volunteering and employment



Opportunity to enhance the park between Fort Rouge Rec. & Leisure Centre and Fred Tipping Place



In need of more intergenerational activities. Source: <http://iactbuddy.com>

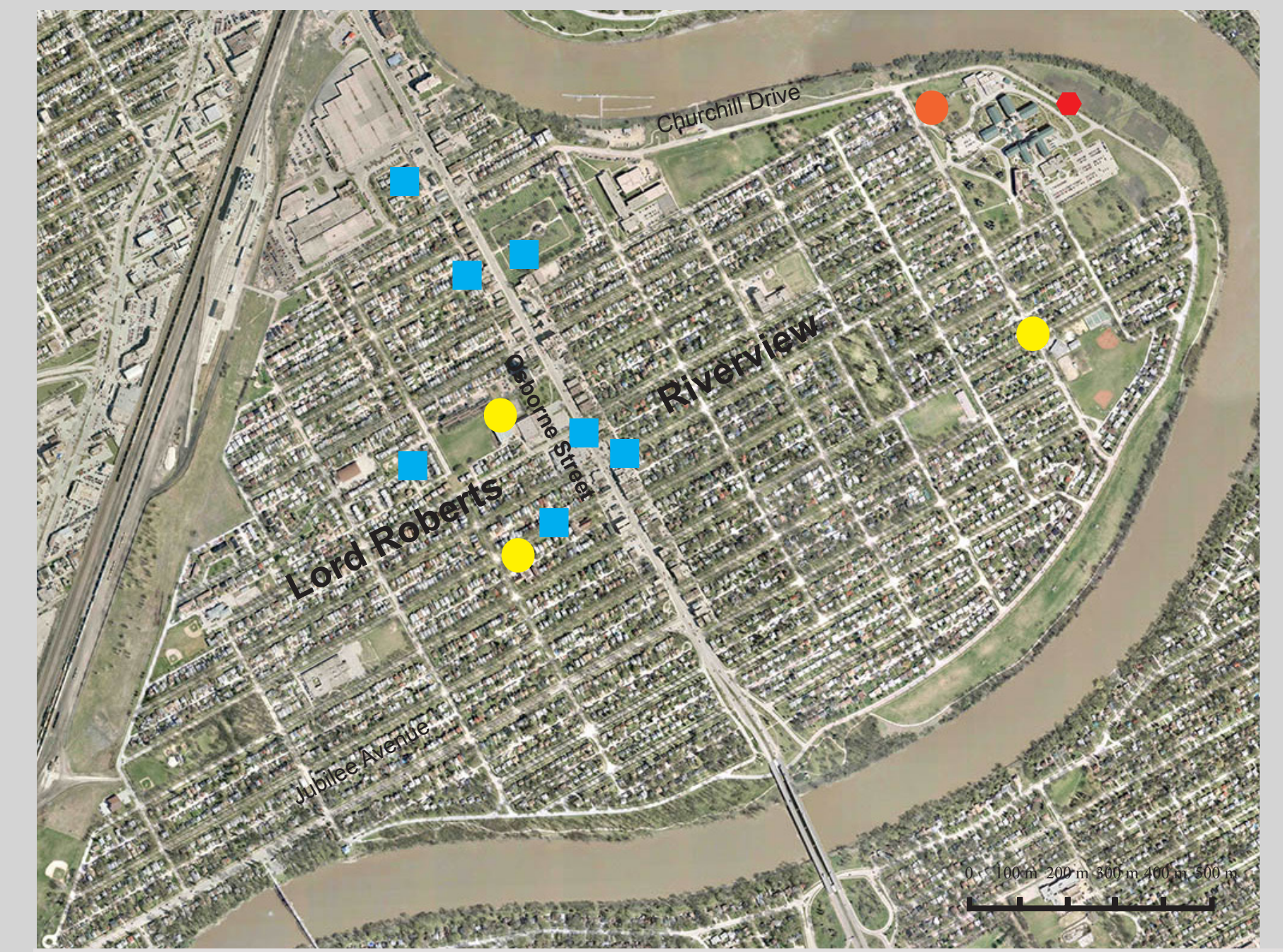


In need of more volunteer and job opportunities

Age-friendly Social Participation?

Social participation is strongly associated with how age-friendly a community is. Participating in leisure, social, cultural, and spiritual activities in the community, as well as with family and friends, allows older adults to continue to age well in their community. The ability to participate in social activities depends on what activities are offered, access to transportation and facilities, and access to information. In order to make a community more age-friendly in regards to social participation the community should have:

- Accessible opportunities
- Encouraging participation and addressing isolation
- Awareness of activities and events
- Volunteer and work opportunities
- Range of opportunities
- Affordable activities
- Integrating generations, cultures, and communities



Source: Adapted from ATLAS Geomatics (2005)

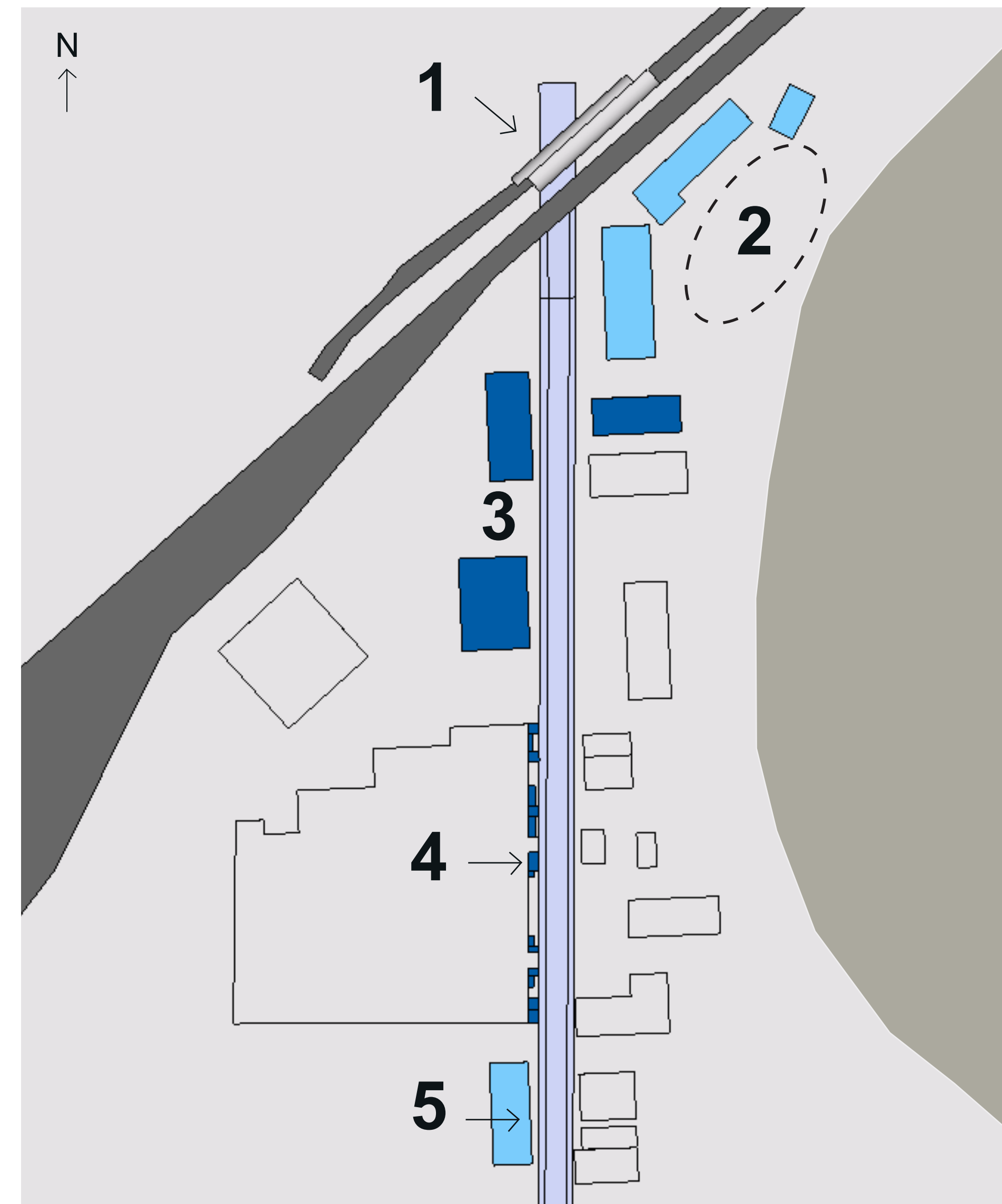
Legend

- Community Initiative
- Religion Centre
- Community Centre
- Health Centre

Participating in leisure, social, cultural, and spiritual activities in the community, as well as with family and friends, allows older adults to continue to age well in their community.

Overview

The North Gateway is a critical connection to the rest of Winnipeg, and has potential to be a site that will bring new life to the community. Because an uninviting underpass separates South Osborne from the Osborne Rapid Transit Station, there is a need for an improved connection. Low-density single-use properties leading up to the underpass further discourage pedestrian and cycling activity. There are also opportunities to improve streetscaping leading up to the underpass. The suggested interventions will improve safety and comfort for older adults who use sidewalk and transit facilities. The suggestions will further bring new amenities and housing options to the area, and introduce new venues for recreation and social interaction.



Legend

- Short-Term Intervention
- Long-Term Intervention
- Red River
- Railway/Rapid Transit Line
- Buildings
- Gathering Place

Map

1. Underpass improvements
2. Redevelopment of Mulvey Flea Market site
3. Mixed-use redevelopment
4. Kiosk & pocket park development
5. Multi-family housing

Age-friendly Features

Transportation

- Direct access to Osborne Rapid Transit Station access to many destinations through the Osborne Rapid Transit Station
- Transit stops frequently located on Osborne Street
- Sheltered transit stops available at major intersections

- Existing age-friendly features
- Proposed age-friendly features



Osborne Street facing north

Housing

- Various types of housing available for older adults including single family dwellings, co-operative housing, life lease condominiums and apartments
- Essential services are located within walking distance
- Multi-generational housing proposed on current empty lot



Co-operative housing on Osborne

Built Environment

- Bench seating available along Osborne Street
- Marked crossings at intersections with traffic lights
- Green space and walkway located along Red River
- Underpass revitalization is important to link South Osborne to the Osborne Rapid Transit Station
- Mixed-use buildings create higher density and bring services and amenities closer
- Kiosks would bring amenities and life to Osborne Street along bus depot
- Park space along bus depot would provide more green space
- Streetscaping would improve pedestrian experience along Osborne Street



Sidewalk along transit depot

Social Participation

- Multiple facilities to offer activities and opportunities for social participation



Gathering place on Osborne Street

The North Gateway has potential to be a site that will bring new life to the community.



UNIVERSITY
OF MANITOBA

City Planning
December 2012

Lise Gibbons
Jeana Klassen
Kayla Penelton

Age-friendly South Osborne North Gateway

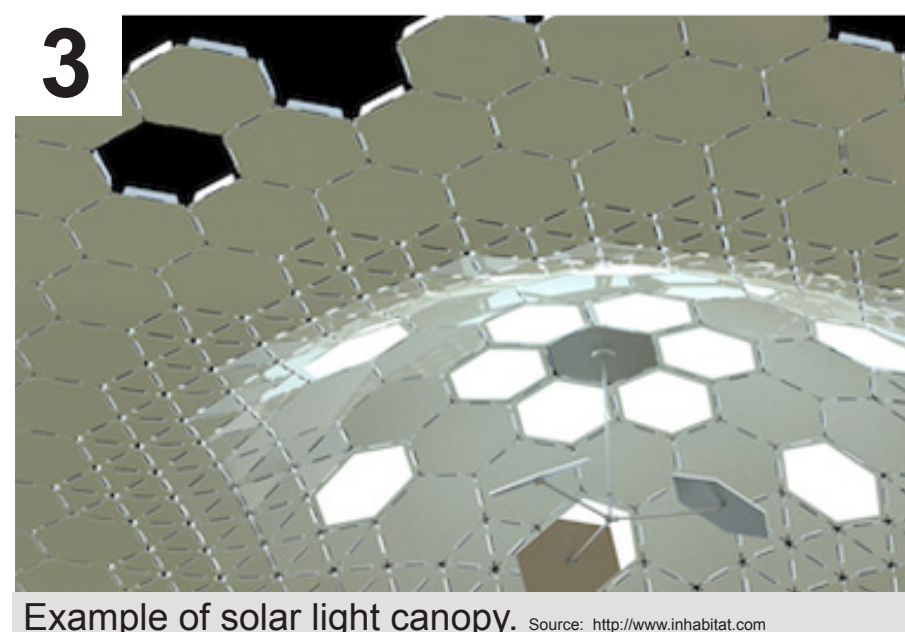
The North Gateway has potential to have increased density and improved public spaces. The pictures included on this board are precedents for the proposed design.



Development to improve safety of underpass and improve pedestrian experience include: widened walkways, separate pedestrian and cycle lanes, splash guards, and more lighting.



Using artistic features with an interesting shape, texture, and lighting will create an experience while traveling through the underpass and add to the positive experience.



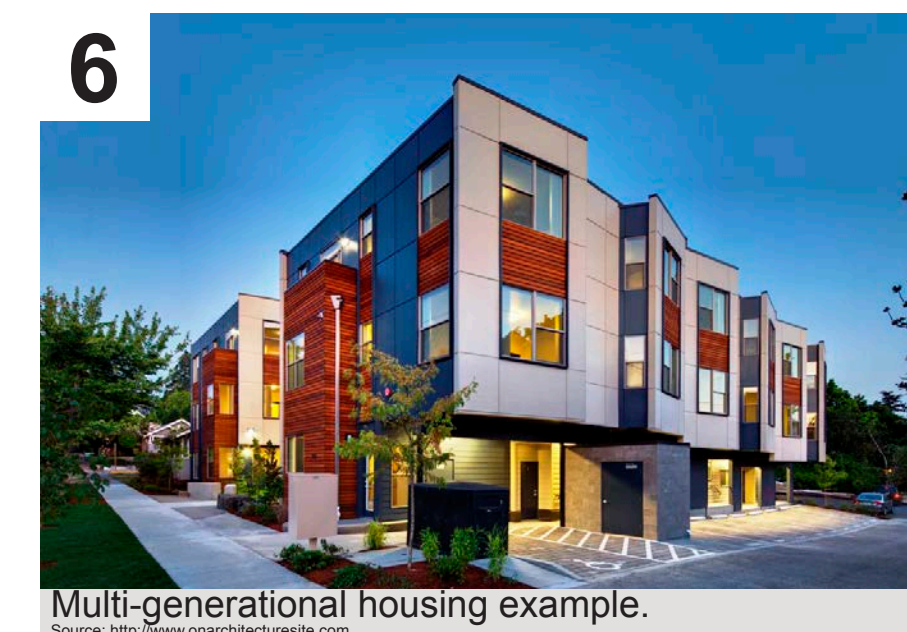
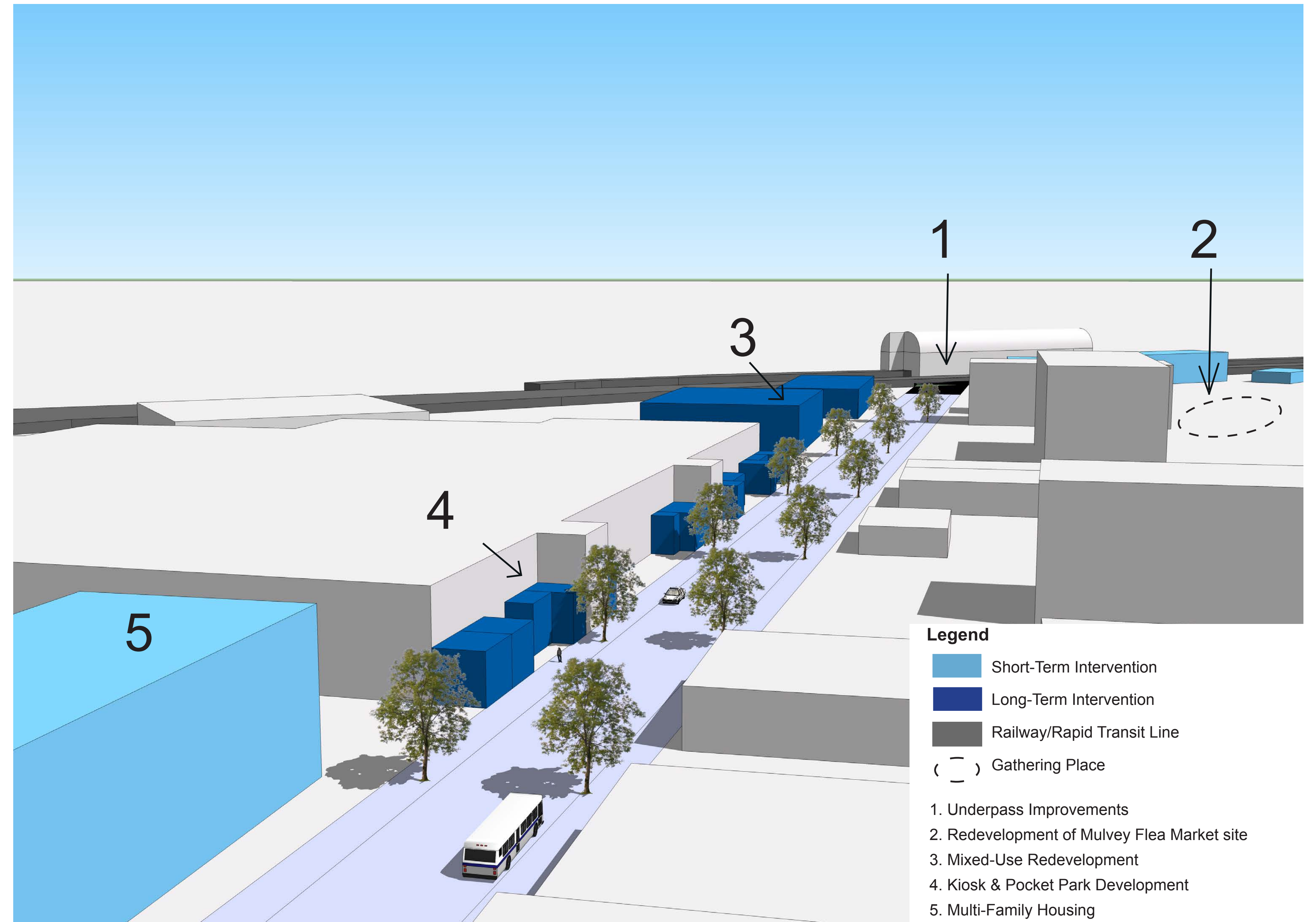
A solar light canopy, which uses LED lighting and hexagonal mirrors to capture and re-direct sunlight, will bring much needed natural light into the underpass to improve sight and safety.



Refurbished and new mixed-use buildings at this site will help connect South Osborne to the surrounding community, rapid transit station, and river pathway system.



A rental facility will allow older adults to participate in physical activity and engage in the community. Rentals located at this site will enable a variety of activities to take place year round.



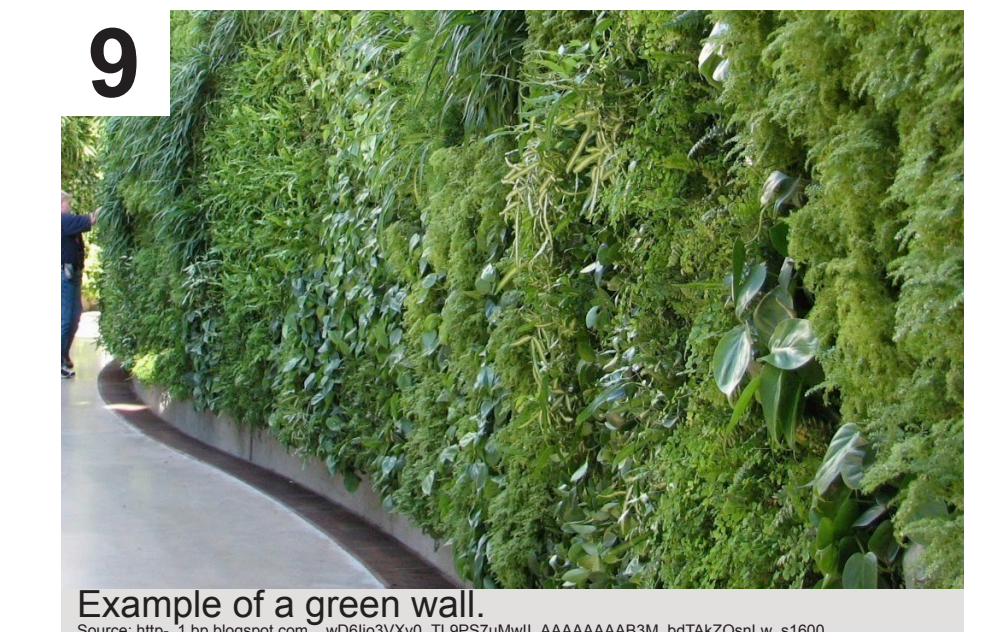
Multi-generational housing provides an opportunity for extended families to live in one residence. It also increases social participation, and the ability for younger people to care for older people.



Mixed-use buildings provide opportunities for residential buildings to be brought closer to services and amenities. This improves the walkability of the community.



The kiosks proposed for the side of the transit depot will bring small-scale retail services to the area. This will enhance the pedestrian environment, and reduce perceived distances along Osborne Street.



The green wall will enhance the wall of the transit depot and will create a new park space. The feature will soften the barrier and provide a resting place for pedestrians.



UNIVERSITY
OF MANITOBA

City Planning
December 2012

Lise Gibbons
Jeana Klassen
Kayla Penelton



Overview

Central South Osborne is the major focal point for South Osborne. This area, between Morley Avenue and Beresford Avenue has the only grocery store, library, a community centre, park, shops/amenities, and housing. Central South Osborne has many opportunities to create a more age-friendly community by enhancing some of the features that already exist, utilizing under-used areas, and offering services that currently do not exist.



Fred Tipping Place



Legend

- Short-Term
- Long-Term
- Buildings
- Gathering Place

Map

The above map is a schematic of the proposed mixed-use development. The space, indicated by numbers, could be designed as follows:

1. Mixed-use building with co-operative grocery store
2. Push-to-cross crosswalk and sidewalk beautification
3. Tree plantings
4. Bring current building to sidewalk and move parking to back
5. Opportunities for infill
7. Infill building
8. Seasonal farmers market
9. New trees in planters
10. Change of entrance to the Fort Rouge Recreation and Leisure Centre & create new community spaces (see poster 10)
11. Gazebo

Age-friendly Features

Transportation

- Numerous transportation options including bus, personal vehicle, handi-transit, dial-a-ride, taxi, and car shares
- Good bus stop locations and facilities
- Addition of crosswalk at Bartlet Avenue

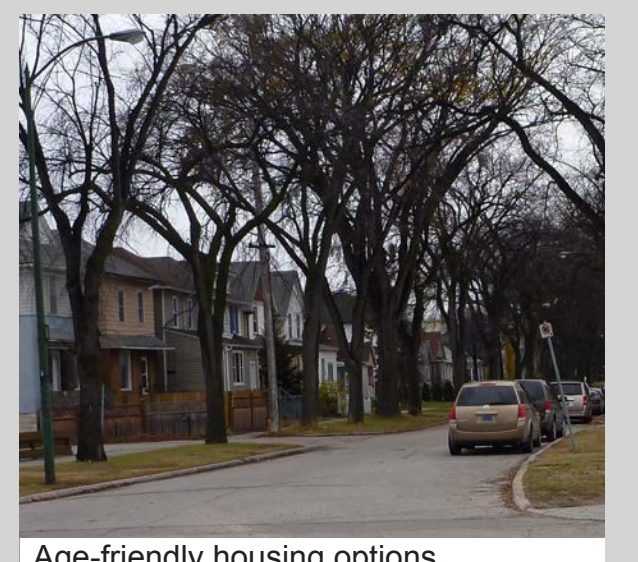
- Existing age-friendly features
- Proposed age-friendly features



Numerous transportation options

Housing

- There is a variety of housing options in this area including: single detached, duplex, Manitoba housing at Fred Tipping Place, and three storey walk-up apartment buildings
- Accessibility to certain housing could improve, particularly the walk ups that are located across from Fred Tipping



Age-friendly housing options

Built Environment

- Park between Fort Rouge Recreation and Leisure Centre and Fred Tipping Place
- Resting areas along Osborne Street
- Underutilized parking lots at Fort Rouge Recreation & Leisure Centre and at Safeway
- Better use of parks and green spaces
- Change of entrance to Fort Rouge Recreation & Leisure Centre parking
- Proposed seasonal plant and garden supply area called the Germinator in new section of Fort Rouge Recreation & Leisure Centre parking lot



Underutilized Safeway parking lot

Social Participation

- Park between Fort Rouge Recreation & Leisure Centre and Fred Tipping Place could be enhanced to encourage large and small gatherings



Park between FRRLC and Fred Tipping

Central South Osborne has the opportunity to enhance the pedestrian environment along Osborne Street and connect Lord Roberts and Riverview neighbourhoods.

Age-friendly South Osborne Central South Osborne

Central South Osborne has opportunities to improve the pedestrian experience along South Osborne. The pictures included on this board are precedents for the proposed design.



Example of art feature. Source: <http://westlandgazette.com>

The building located at the intersection of Morley and Osborne has been derelict for some time. This area could benefit from having a mixed-use building with a cooperative grocery store on the ground floor.



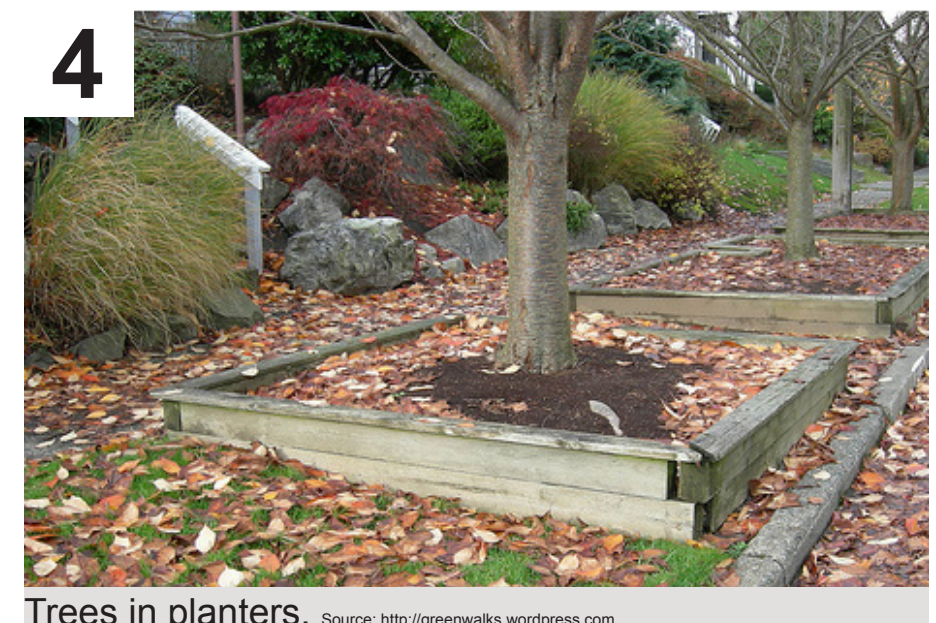
Example of art feature.

A push-to-cross crosswalk is suggested at Bartlet Avenue to make South Osborne more pedestrian friendly and to connect the two sides.



Gazebo in park. Source: <http://homedecorinteriordesign.com>

The park located between the Fort Rouge Recreation and Leisure Centre and Fred Tipping Place is underutilized. A gazebo would encourage community gatherings and activity.



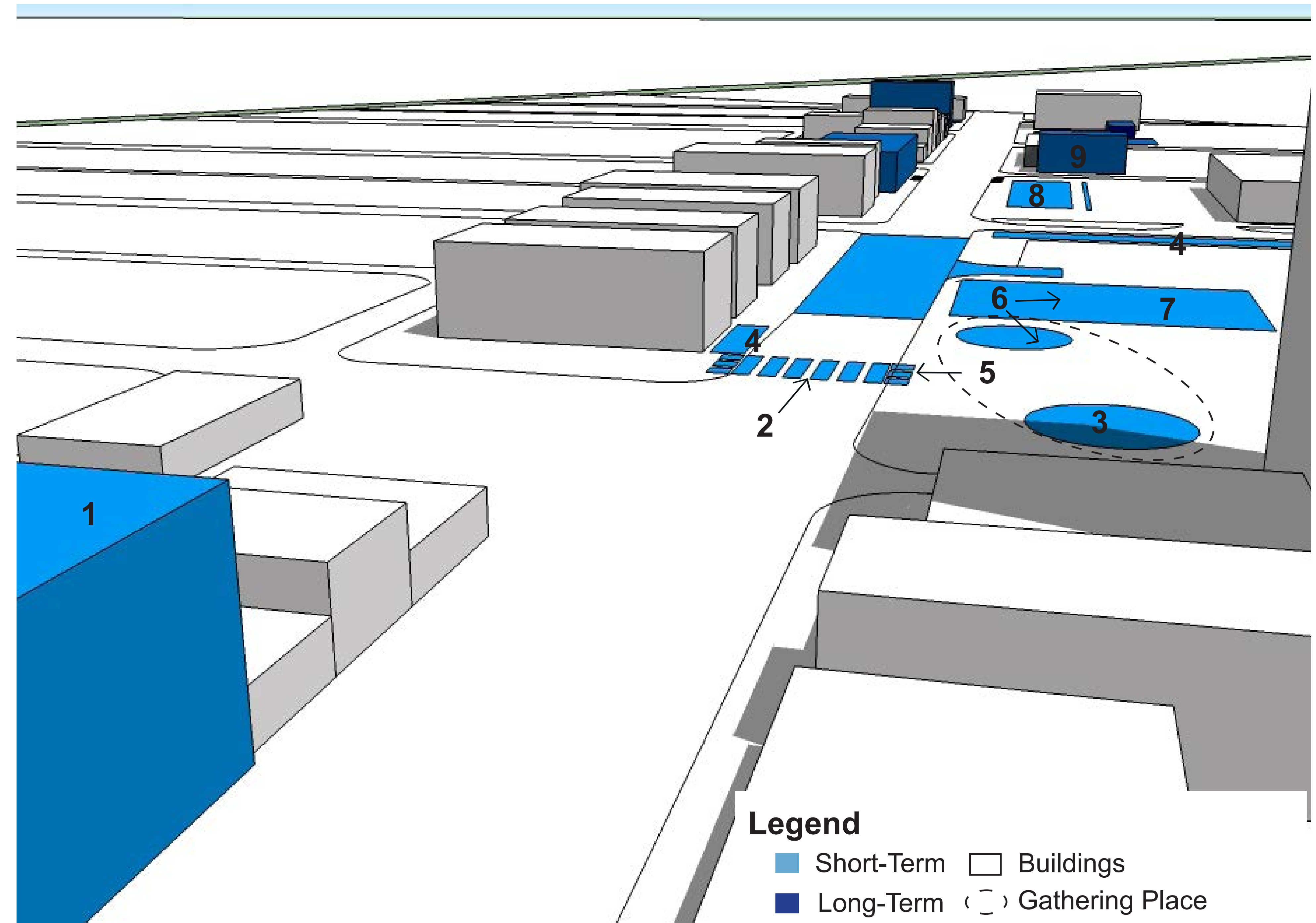
Trees in planters. Source: <http://greenwalks.wordpress.com>

Trees surrounded by wooden or concrete planters could create a place for people to sit and enjoy the street life of the community.



Textured square on sidewalk. Source: <http://www.ceramicsite.com>

In an attempt to connect the east and west sides of Osborne Street, it is proposed to install pavement that adds an artistic element and draws people through the area.



Cafe. Source: <http://www.nashvilleindianaaccommodations.com>
Outdoor chess game. Source: <http://www.123art.com>

This area could be used as either a garden/coffee shop, or a large chess game area. Whichever is not placed in this area would be placed in the section of the parking lot outside the Fort Rouge Recreation and Leisure Centre.



Pop up garden store. Source: <http://www.richmondmagazine.com>

A section of the parking lot of the Fort Rouge Recreation and Leisure Centre could be used as a seasonal outdoor garden store. It can be removed in the winter months when the parking demands are higher.



Example of pop up market. Source: <http://www.blogto.com>

The parking lot outside the Safeway is under-used. Part of this parking lot could be turned into a seasonal pop-up market that could sell local handicrafts, fruits and vegetables, among other items.



Mixed-use building with coffee shop. Source: <http://thehappyprojectedon.wordpress.com>

The lot beside the RBC bank could be the site for a mixed-use development. This includes a place for people to meet, such as a coffee shop. On the upper floor(s) there could be offices or housing units.

Age-friendly South Osborne Transit Square



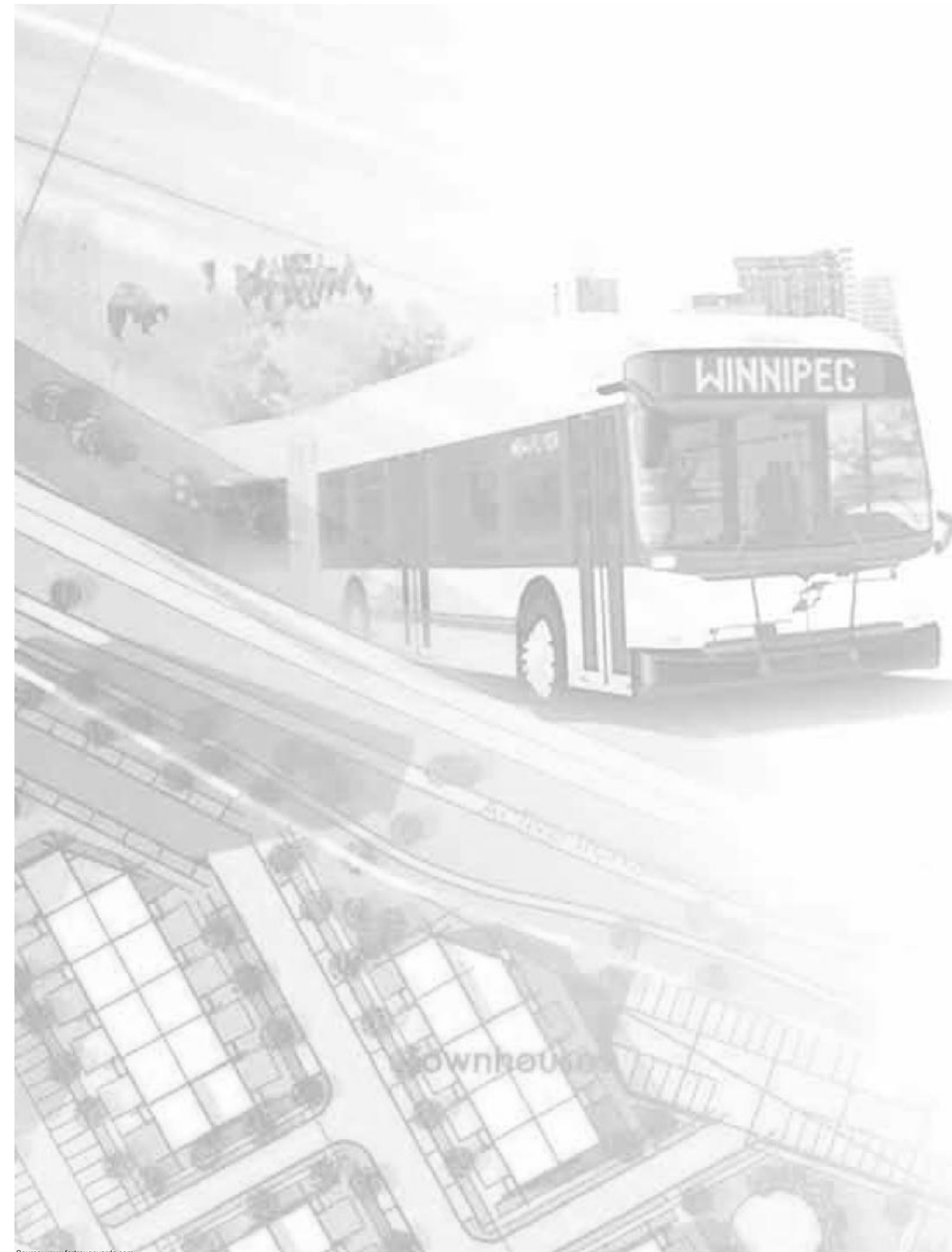
UNIVERSITY
OF MANITOBA

City Planning
December 2012

Lise Gibbons
Jeana Klassen
Kayla Penelton

Overview

The west side of South Osborne is an opportunity for mixed-use development and transit connectivity, reducing walking distances for the immediate area and increasing transit usage. This site is also a critical connection to the Fort Rouge Rapid Transit Station. Morley Street has potential to encourage movement from Osborne Street to the Fort Rouge Transit Station. The newly constructed greenway also provides access to this space for pedestrians and cyclists coming from Jubilee Avenue and Brandon Avenue. This proposed development would improve older adults accessibility to daily necessities, such as transportation and commercial facilities.



Legend

- Greenway (existing)
- Central Loop
- Gondola
- Short-term Intervention
- Long-term Intervention
- Building
- Gathering Place

Map

The above map is a schematic of the proposed mixed-use development. The buildings and amenities, indicated by numbers, could be designed as follows:

1. Gondola
2. Five or six storey office building
3. Two or three storey residential building
4. Walking path
5. Recreational and/or commercial gathering space
6. Two or three storey residential and commercial building
7. Two storey residential building
8. and 9. Recreational space

Age Friendly Features

Transportation

- Direct access to Fort Rouge Transit Station
- Connected to the Greenway
- Central Loop provides a recreational walking route
- Gondola Skyway would connect west neighbourhoods to Fort Rouge Transit Station

- Existing age-friendly features
- Proposed age-friendly features



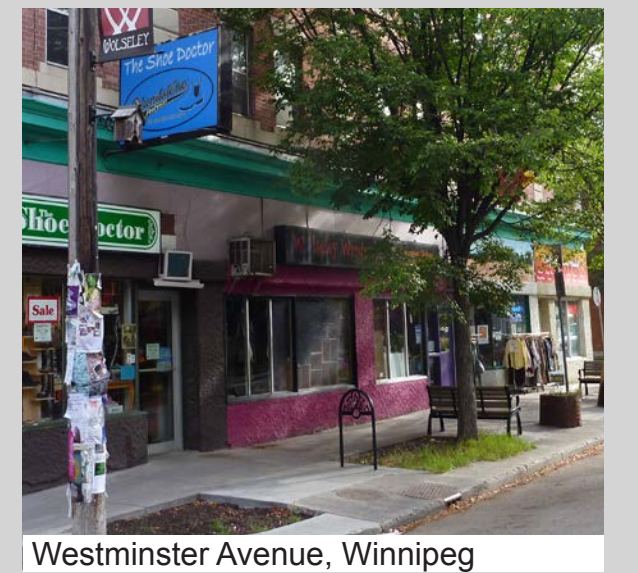
Housing

- Age-friendly and visitable housing designs
- Intergenerational housing (i.e. on-suites, and shared housing)
- Variety of housing sizes and prices
- Housing types could include condominiums, row houses, and apartments
- Public outdoor space, minimizing yard maintenance



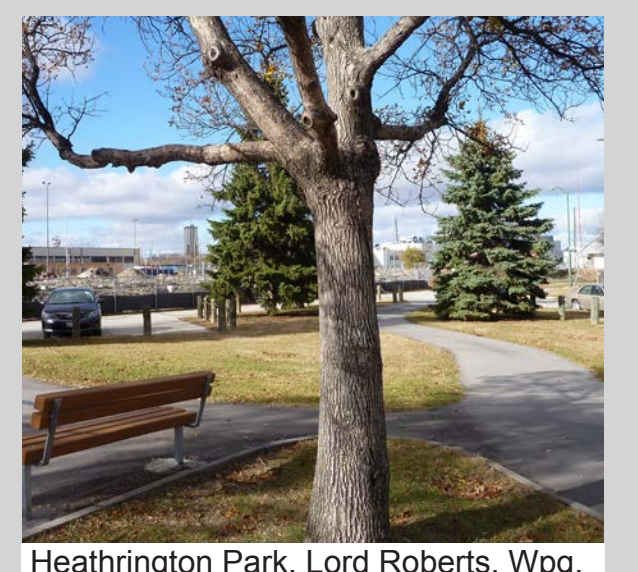
Built Environment

- Mix of live, work, and play facilities during all seasons
- Considerations for older adults with dementia and Alzheimer's utilizing enclosed rooftop park
- Line Central Walkway with benches, lighting, and trees, creating a visible and enjoyable walking loop
- Connects surrounding residential areas by providing daily necessities



Social Participation

- Creates a destination that is also a social space
- Improves outdoor safety by increasing lighting, and eyes on the street
- Multi-generational activities create visitable environments



This proposed development will improve older adults' independence, accessibility to daily necessities, and social interactions.

Age-friendly South Osborne Transit Square

The Transit Development Site has potential for a mix of land-uses that facilitates and encourages independent and community living. The pictures included are potential precedents.



Urban Gondola. Source: www.calgaryherald.com

An additional access point would improve the neighbourhood's walkability to other parts of the city and to improve the rapid transit station's accessibility. A gondola would provide a unique and innovative solution.



Mixed-use building. Source: www.douglasdevelopment.com

South Osborne is a predominantly residential community. To reduce living-working distances, a medium rise mixed-use office building is proposed. This will increase the neighbourhood activity and quality of life.



Rooftop park. Source: www.greenroofs.com

Older adults with dementia or Alzheimer's are often isolated within their homes. An enclosed rooftop park will provide a safe environment for active living, without requiring a lot of supervision.



Benches and walking path. Source: www.geography.siu.edu

The Central Loop will create a safe and enjoyable walking route for older adults. Benches, lighting, and trees will line the loop. Most buildings will front the path, providing eyes on the street and improving its aesthetic design.

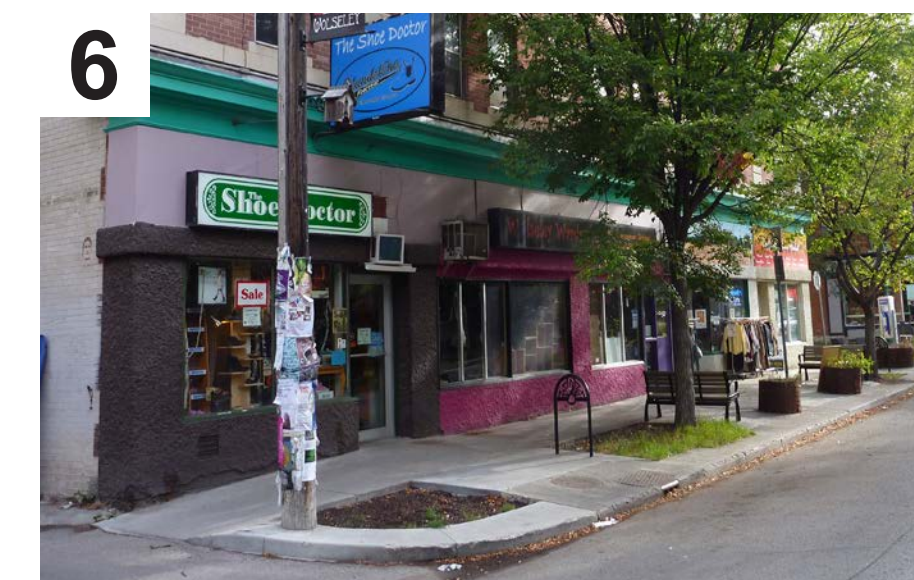


Community skating rink. Source: www.vtbc.com

A variety of designs could be used to encourage community gatherings. A potential design could include a pond in the summer and rink in the winter. Commercial and/or residential buildings could surround it to increase activity.



- Legend**
- Greenway (existing)
 - Central Loop
 - Gondola
 - Short-term Intervention
 - Long-term Intervention
 - Building
 - Gathering Place



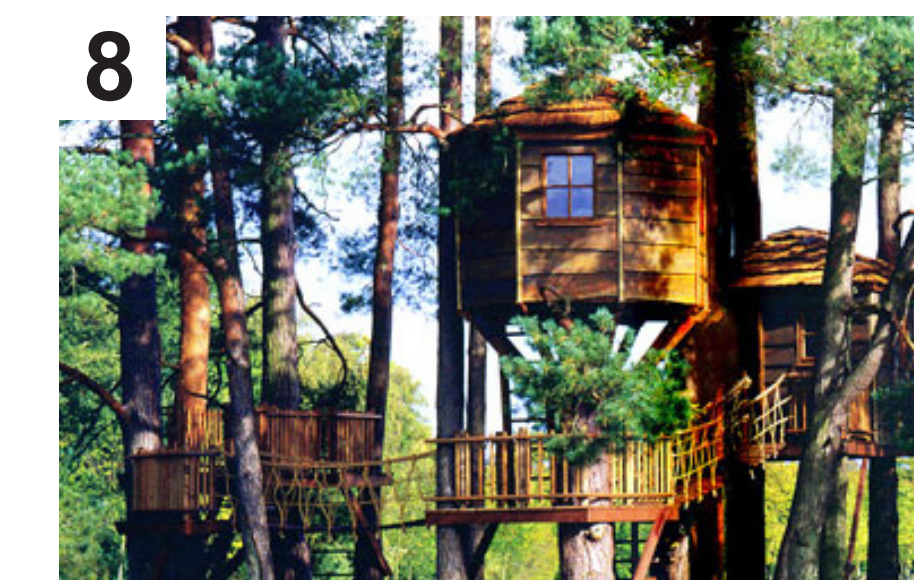
Neighbourhood services and amenities

A mixed-use development is proposed to create a social and economic community hub for older adults to enjoy. Amenities will provide for residents in the surrounding neighbourhood, further connecting them to the rapid transit station.



Age-friendly housing example. Source: www.orchidaleval.com

Row houses can be constructed at a low cost and have minimal yard maintenance requirements, decreasing the financial and physical demands of living for older adults.



Intergenerational tree house play area. Source: www.freeletics.com

Tree houses provide play areas for younger generations, and could create an enjoyable environment for older adults.



Intergenerational garden, with a raised bed. Source: http://sustainableosborne.com

Intergenerational gardens are places where younger and older generations can interact in a fun environment and share knowledge and experience.



UNIVERSITY
OF MANITOBA

City Planning
October 2012

Lise Gibbons
Jeana Klassen
Kayla Penelton

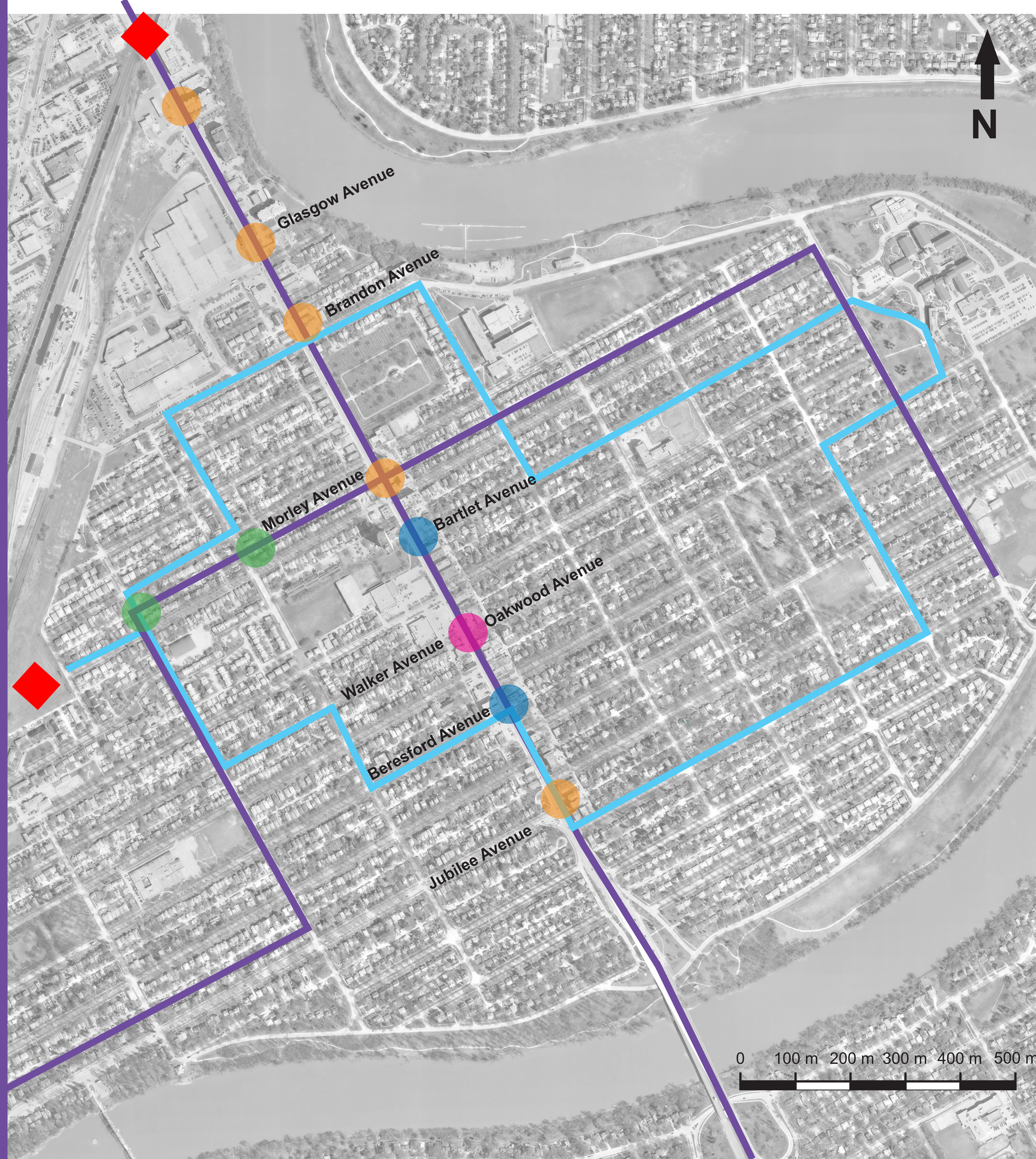
Age-friendly South Osborne Pedestrian Features



UNIVERSITY
OF MANITOBA

City Planning
December 2012

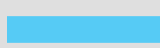
Lise Gibbons
Jeana Klassen
Kayla Penelton



Existing & Proposed Pedestrian Features

Osborne Street and Morley Avenue are important thoroughfares for pedestrians. Osborne Street links pedestrians with transportation options, as well as services and amenities. Both Osborne Street and Morley Avenue connect pedestrians with Rapid Transit Stations, thus it is important that both streets create an enjoyable and safe pedestrian environment. Along Osborne Street it is proposed that additional crosswalks are installed, and streetscaping is conducted. Sidewalk bump-outs with additional streetscaping is further suggested for Morley Avenue.

A shuttle bus route is also recommended to connect South Osborne residents to the Fort Rouge Rapid Transit Station. This bus could run on a set route during peak hours and/or on a dial-up basis during non-peak hours.

-  Existing Crosswalk
-  Existing Push-to-cross Crosswalk
-  Existing Bus Route
-  Proposed Push-to-cross Crosswalk
-  Proposed Bump-out
-  Recommended Shuttle Bus Route
-  Rapid Transit Station