Saddleridge + Taradale
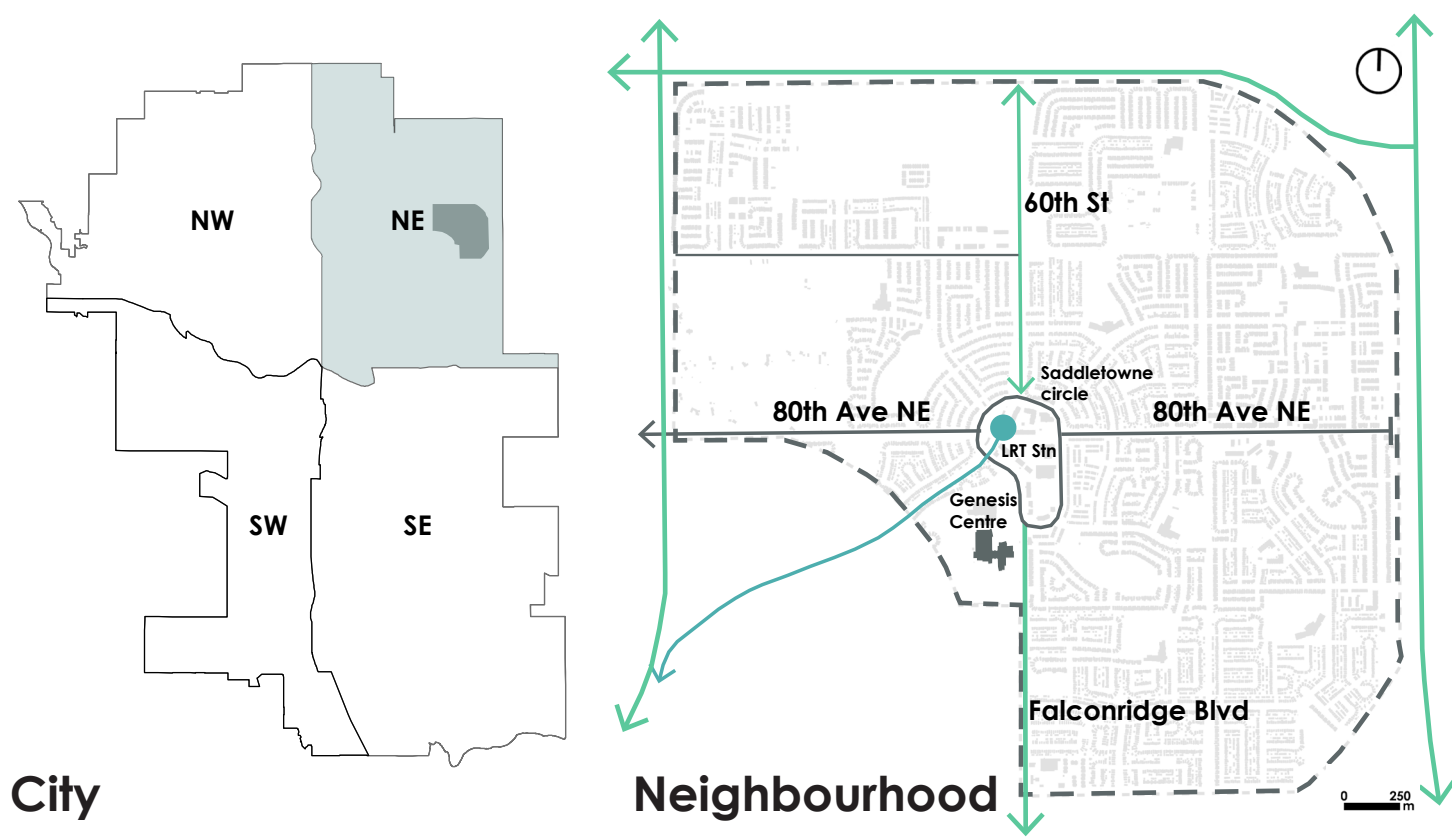## Community Design Concept
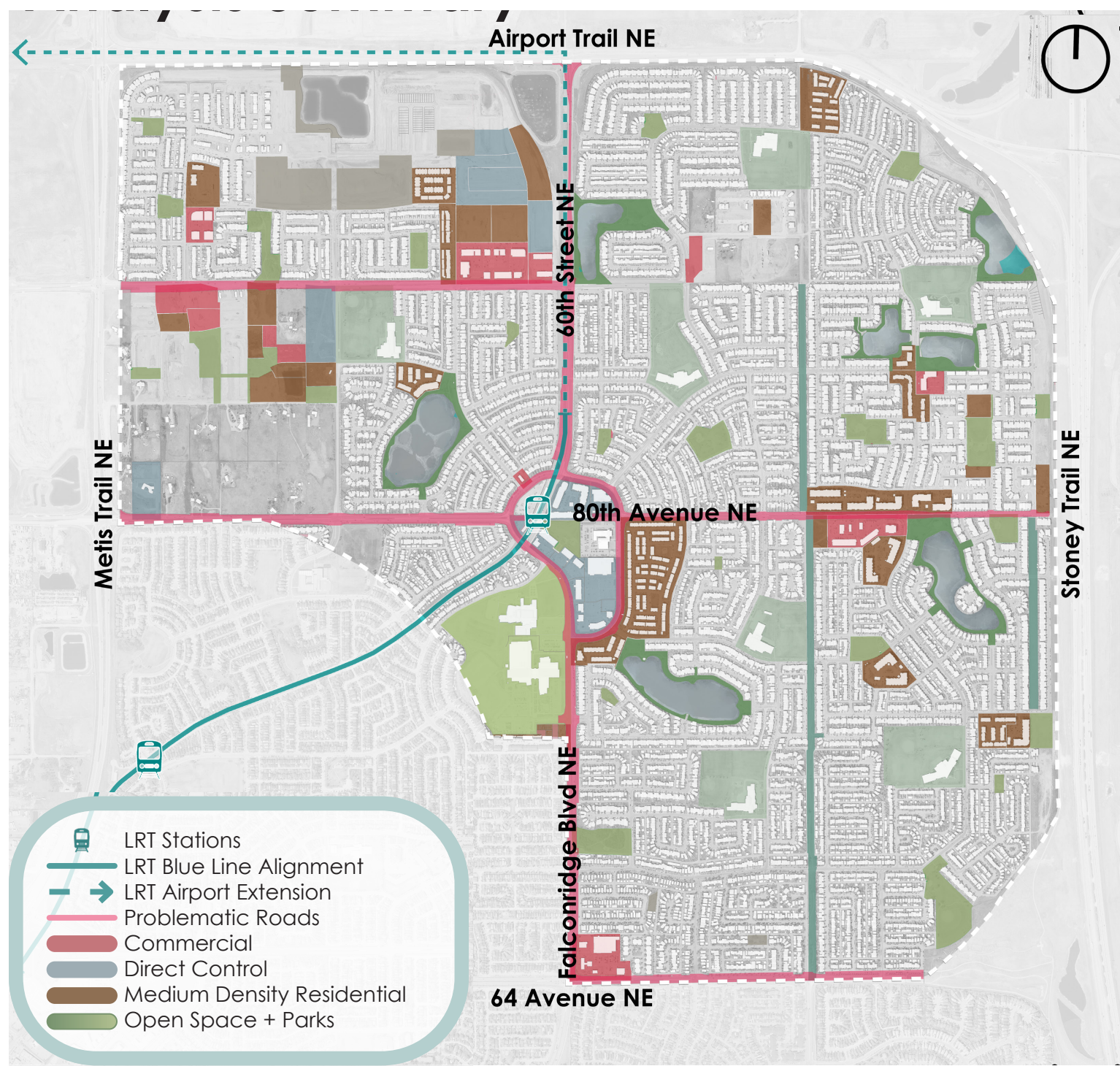
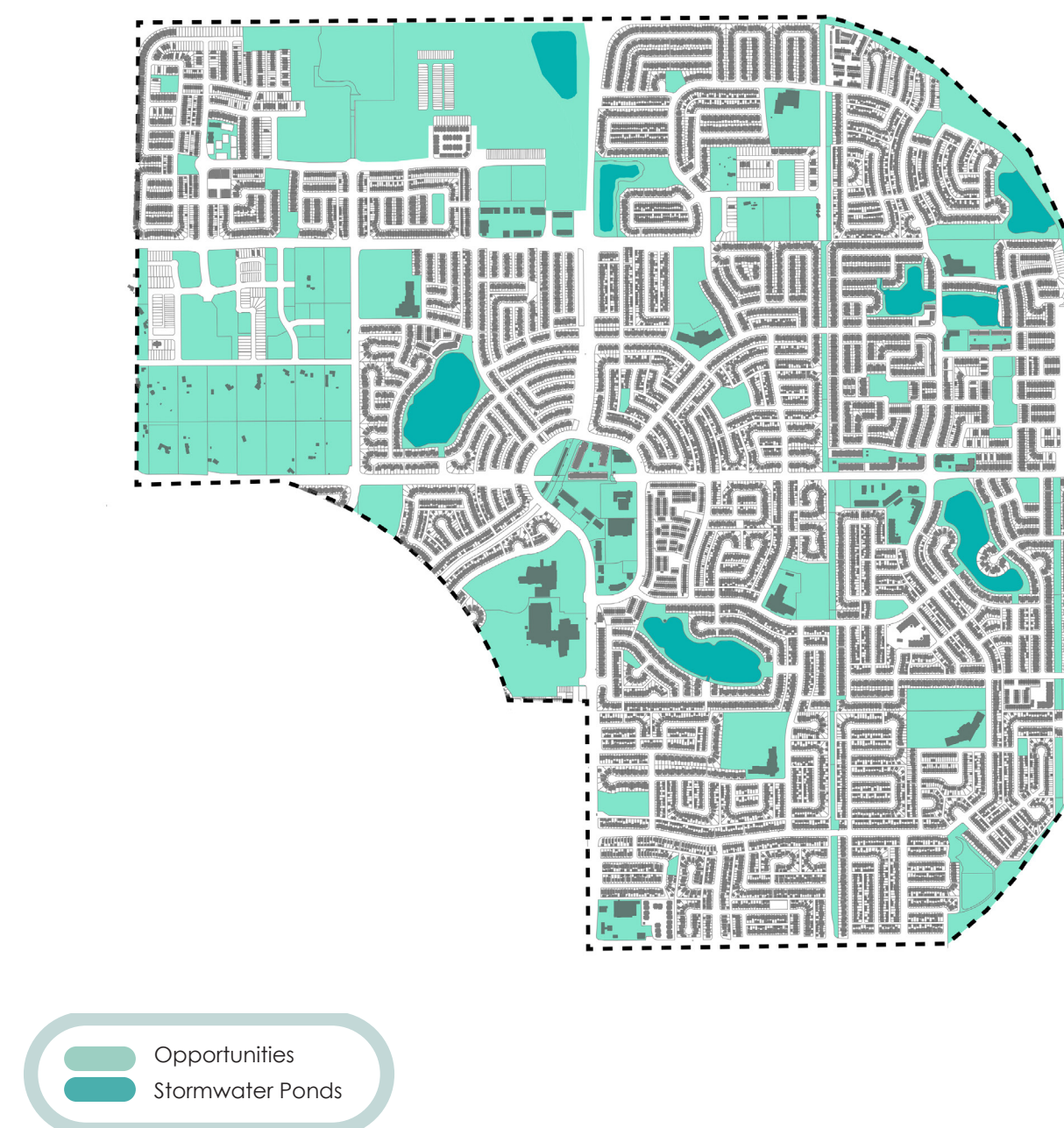## Context

City

Neighbourhood

60th St

Saddletowne circle

80th Ave NE   80th Ave NE

LRT Stn

Genesis Centre

Falconridge Blvd

NW   NE

SW   SE

Design Process

JAN 09 - 13 PROPOSAL

JAN 16 - FEB 08 ANALYSIS

FEB 9, 2023 PRESENTATION TO STEERING COMMITTEE

FEB 11, 2023 COMMUNITY ENGAGEMENT WORKSHOP

FEB 13 - MAR 08 DRAFT CONCEPT + MODEL

MAR 09, 2023 PRESENTATION TO STEERING COMMITTEE

MAR 20 - APRIL 12 FINAL CONCEPT

APRIL 08, 2023 COMMUNITY ENGAGEMENT WORKSHOP

We Are Here

APRIL 13, 202 PRESENTATION TO STEERING COMMITTEE

Analysis Summary

Airport Trail NE

60th Street NE

80th Avenue NE

Metis Trail NE

Stoney Trail NE

Falconridge Blvd NE

64 Avenue NE

- LRT Stations
- LRT Blue Line Alignment
- LRT Airport Extension
- Problematic Roads
- Commercial
- Direct Control
- Medium Density Residential
- Open Space + Parks

Opportunities

- Opportunities
- Stormwater Ponds

Constraints

- Constraints
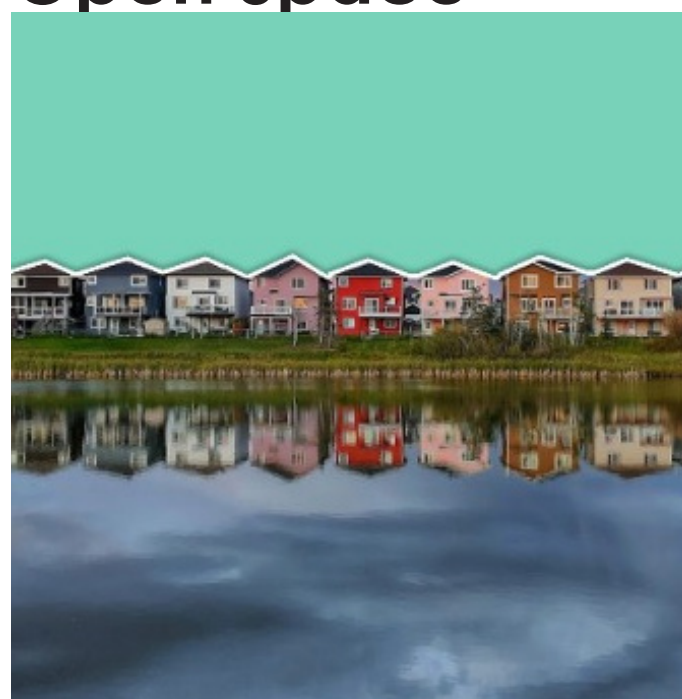- Stormwater Ponds

Design Topics

Mobility

Parks + Open Space

Branding + Identity

Land Use

Design Scale

PARCEL LEVEL
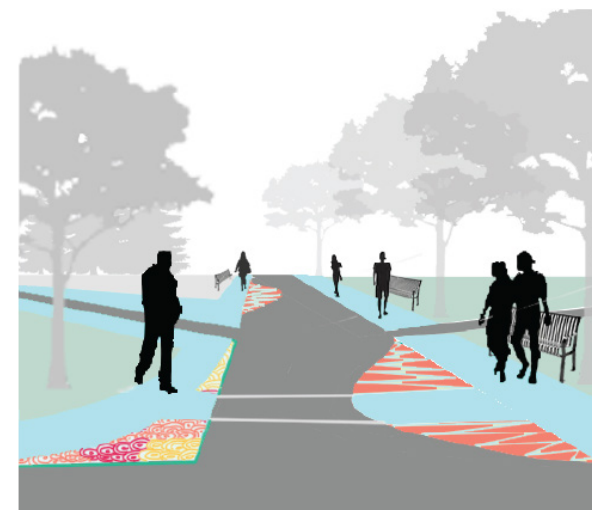PUBLIC REALM

BLOCK LEVEL
SADDLETOWNE CIRCLE

COMMUNITY LEVEL
SADDLERIDGE-TARADALE

Design Principles

Connect the Community
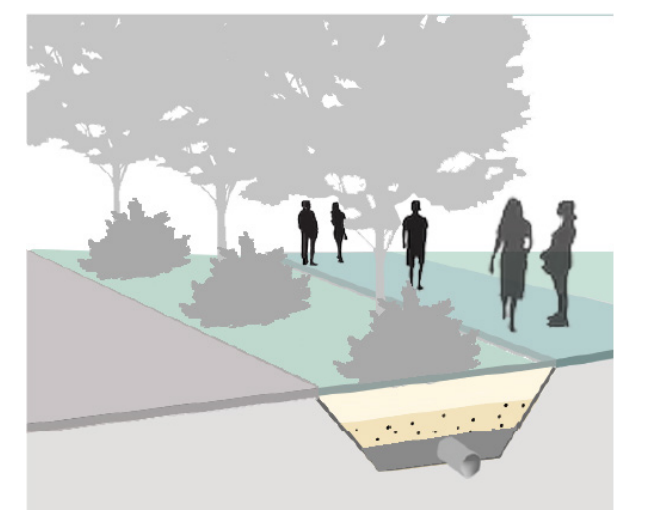
Celebrate Unique Charecter

Encourage Healthy Living

Promote Safety

Foster Resilience

Design Interventions

Physical Interventions

Streetscapes

Reclamation & Urban Forest

Green Infrastructure

Way finding

Programming

Tactical Urbanism

Land Use Diversification

Team -   Andrea Rudiger
         Neal Greywall
         Sushmitha Tenkasalai

Instructor   Francisco Alaniz Uribe

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Saddleridge + Taradale
Community Identity

What We Heard

"Its hard to understand where I am when I arrive at Saddletowne Station."

"Talking to and getting to know my neighbours is difficult. I wish I had more opportunities to get to know them."

Opportunities
Destination Creation
Equity + Inclusivity
Sense of Place
Foster Community
Relationships

Design Principles Achieved

Connect the Community

Celebrate the Community

Encourage Healthy Living

Promote Safety

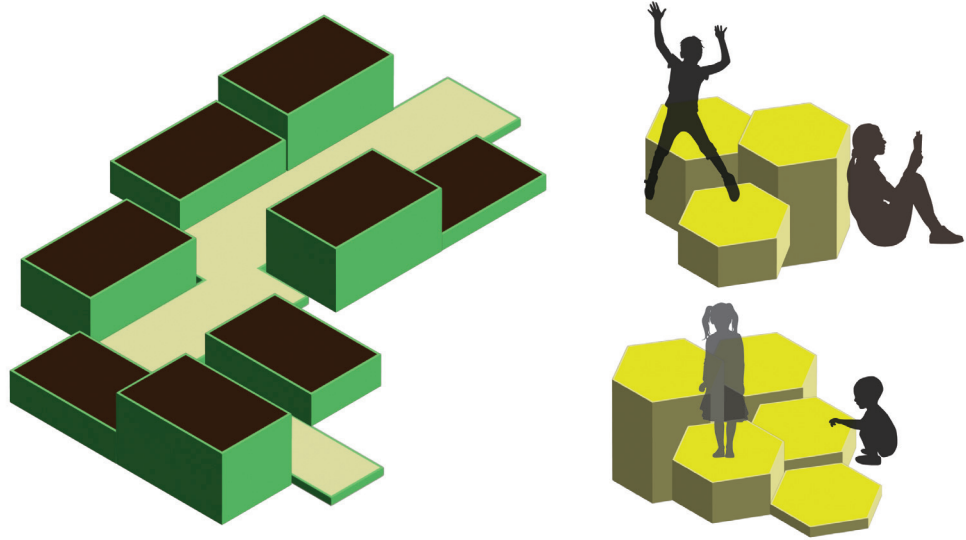Foster Resilience

Wayfinding

1 Signage
2 Landmarks
3 Pods

Programming

1 Community Events
2 Festivals
3 Portable Installations
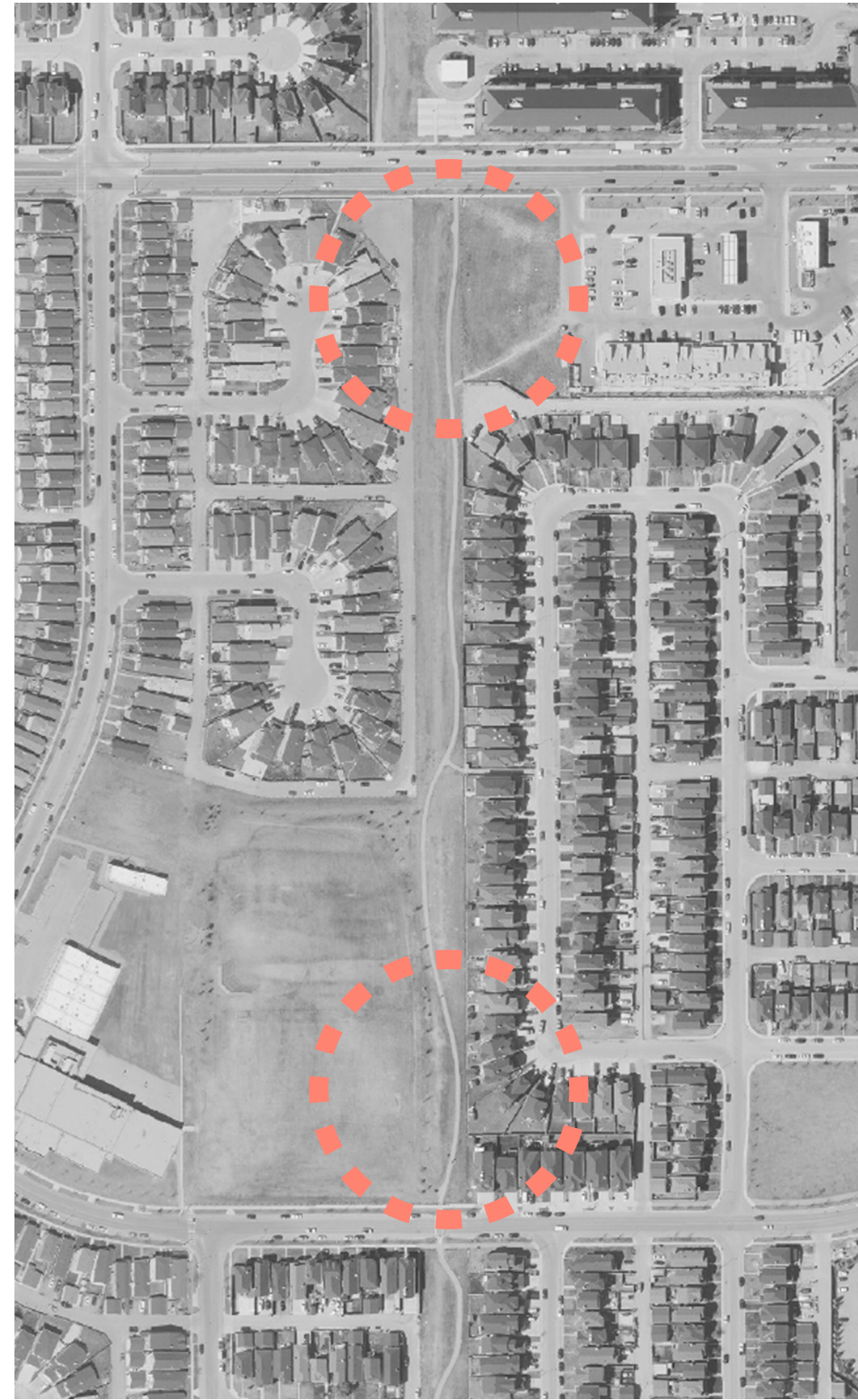
Strip Park Pods

Categories

1 Water
2 Grassland
3 Forest Fire
4 Sun Exposure
5 Hail
6 Gardening
7 Birds
8 Pets
9 Pollinators
10 Trees
11 Soil
12 Conservation

Each pod is inspired by a natural element. Pods are a form of tactical urbanism, educational opportunities, + revitalize the Strip Park.

Potential Pod Location

WELCOME TO SADDLERIDGE
WELCOME TO SADDLERIDGE
WELCOME TO TARADALE

LRT LINE
PRIMARY ROADS
SECONDARY ROADS
PEDESTRIAN PATHS
INTERSECTION SIGNAGE
COMMUNITY SIGNAGE   WELCOME TO

Open Spaces + Parks

What We Heard

"I would really enjoy a water feature in the community."

"I wish we could maintain parks better. There's always dog poop on the ground. We need garbage cans!"

"What am I suppose to do when I take my grandchildren to the park? There isn't enough seats for us and nothing to do."

"The community use to have statues and planters. We miss them."

Opportunities
Equity + Inclusivity
Climate Resilience
Multi-Generational
Gathering
Public Realm

Design Principles Achieved

Connect the Community

Celebrate the Community

Encourage Healthy Living

Promote Safety

Foster Resilience

Precedents

Tactical Urbanism

Nola Urban Furniture

Hive Public Space

Permanent Furniture

Nola Urban Furniture

Urban Congo

New + Improved Structures

Zurich, Switzerland

Shiger Urban Architects

Replace Existing Structures

Zurich, Switzerland

MONSTRUM Playgrounds

Stormwater Ponds for People + Nature
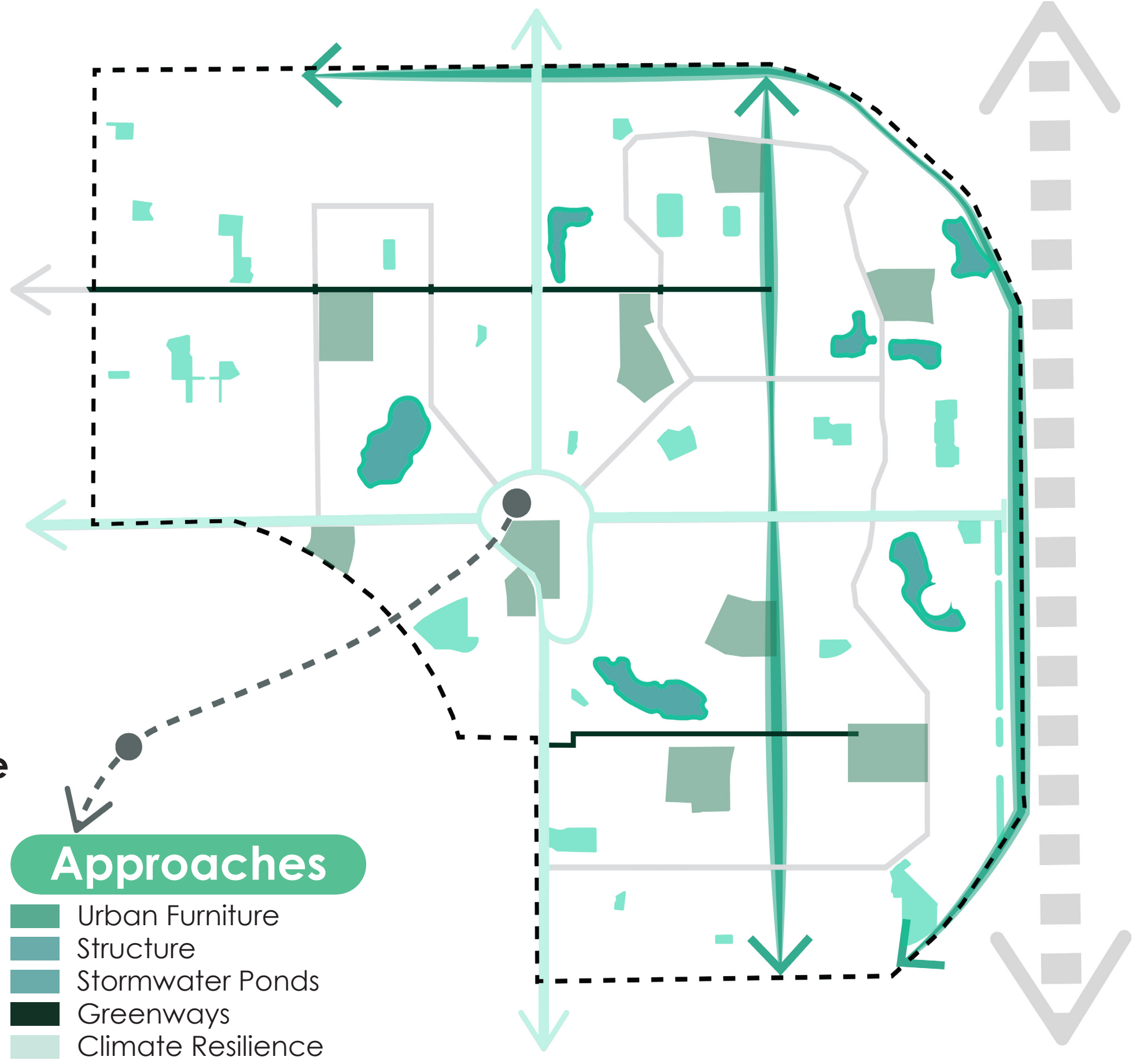
Arbour Lake, Calgary

City of Edmonton

Greenways

Coulee Verte Rene-Dumont Paris, France

Green Infrastructure

City of Seattle

Approaches
Urban Furniture
Structure
Stormwater Ponds
Greenways
Climate Resilience

Team   Andrea Rudiger
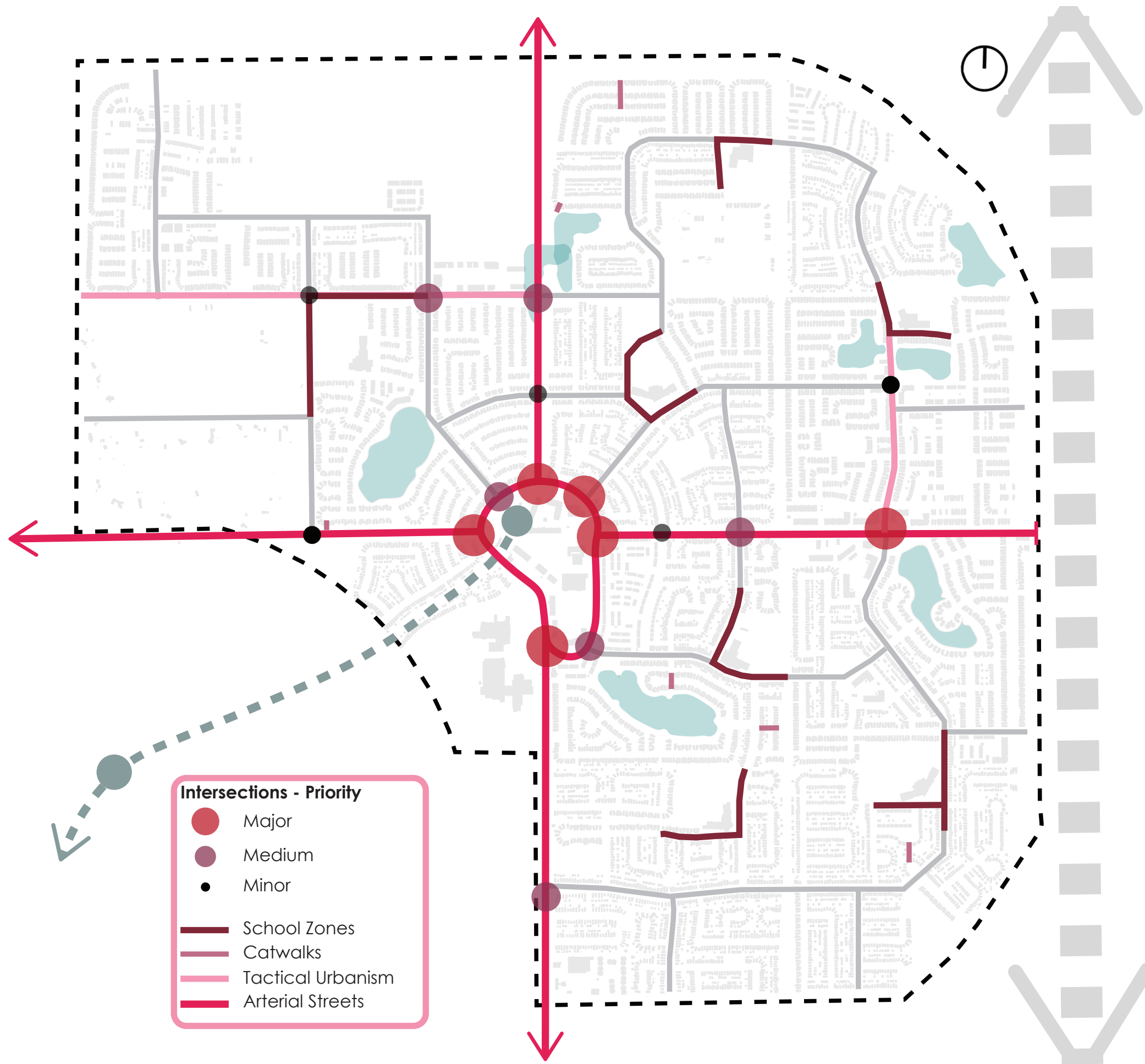   Neal Greywall
            Sushmitha Tenkasalai

Instructor Francisco Alaniz Uribe
PLAN 630 Advanced Professional Planning Studio

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PLANNING AND LANDSCAPE
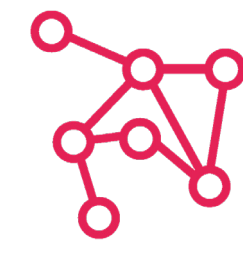
Saddleridge + Taradale
Mobility

Physical Interventions

Design Principles Achieved

Connect the Community | Celebrate Unique Character | Encourage Healthy Living | Promote Safety | Foster Resilience

Intersections - Priority
- Major
- Medium
- Minor

— School Zones
— Catwalks
— Tactical Urbanism
— Arterial Streets

Approaches
Curb Extensions
Colourful Crosswalks
Lane Reduction
Public Realm

Tactical Urbanism
Saris Infrastructure
Interactive Public Realm
100 Architects

Intersection Redesign
PEDESTRIAN PATH
CURB EXTENSION
SAFE PEDESTRAIN CROSSING
BIKE PATH

School Zone Interventions
INTERACTIVE PUBLIC REALM
CURB EXTENSION
SHRUB PLANTERS
SAFE PEDESTRIAN CROSSING

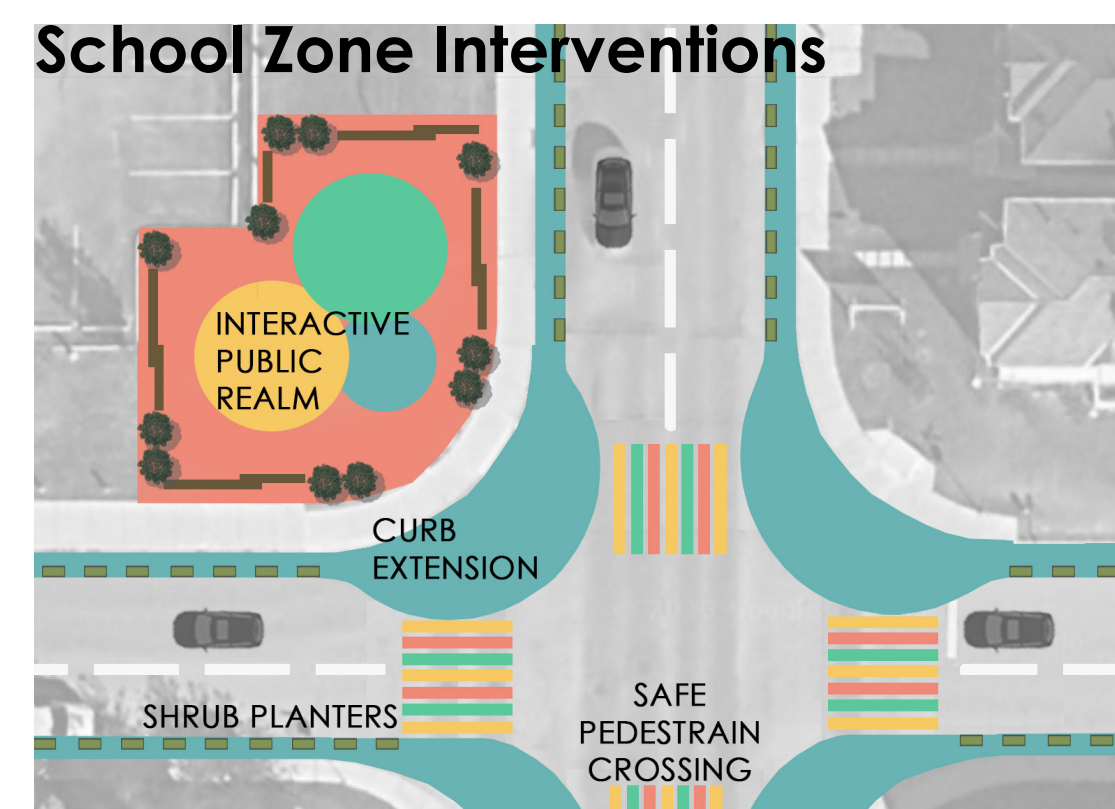**Catwalk Interventions**

What We Heard

"The sidewalk is very thin or missing. Its hard to stay active."

"I wish I could walk to pick my kid from school. The intersections are too big to cross making the route dangerous."
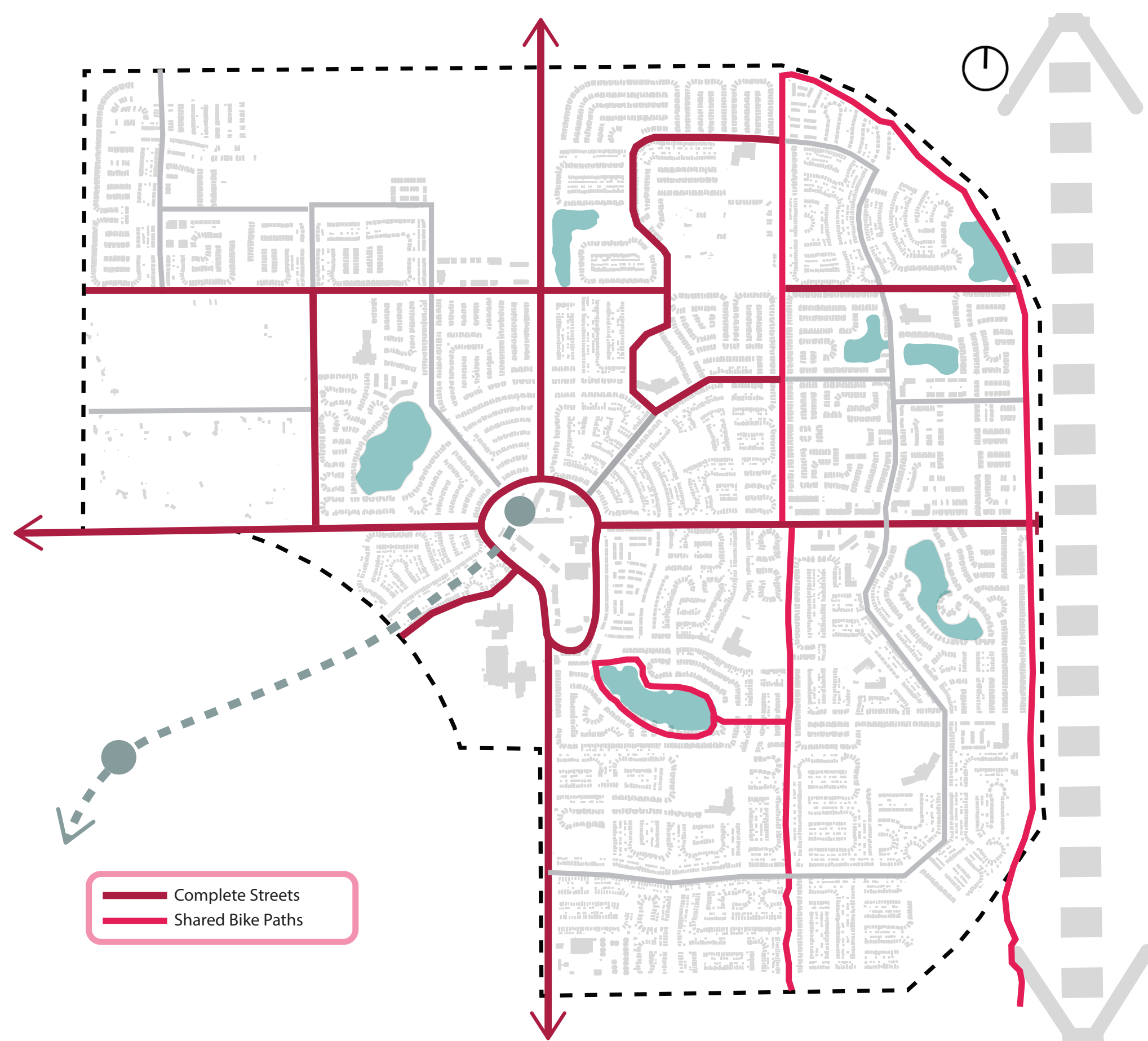
"Street racing is a major issue. Its not safe and I won't let me my kids play out front."
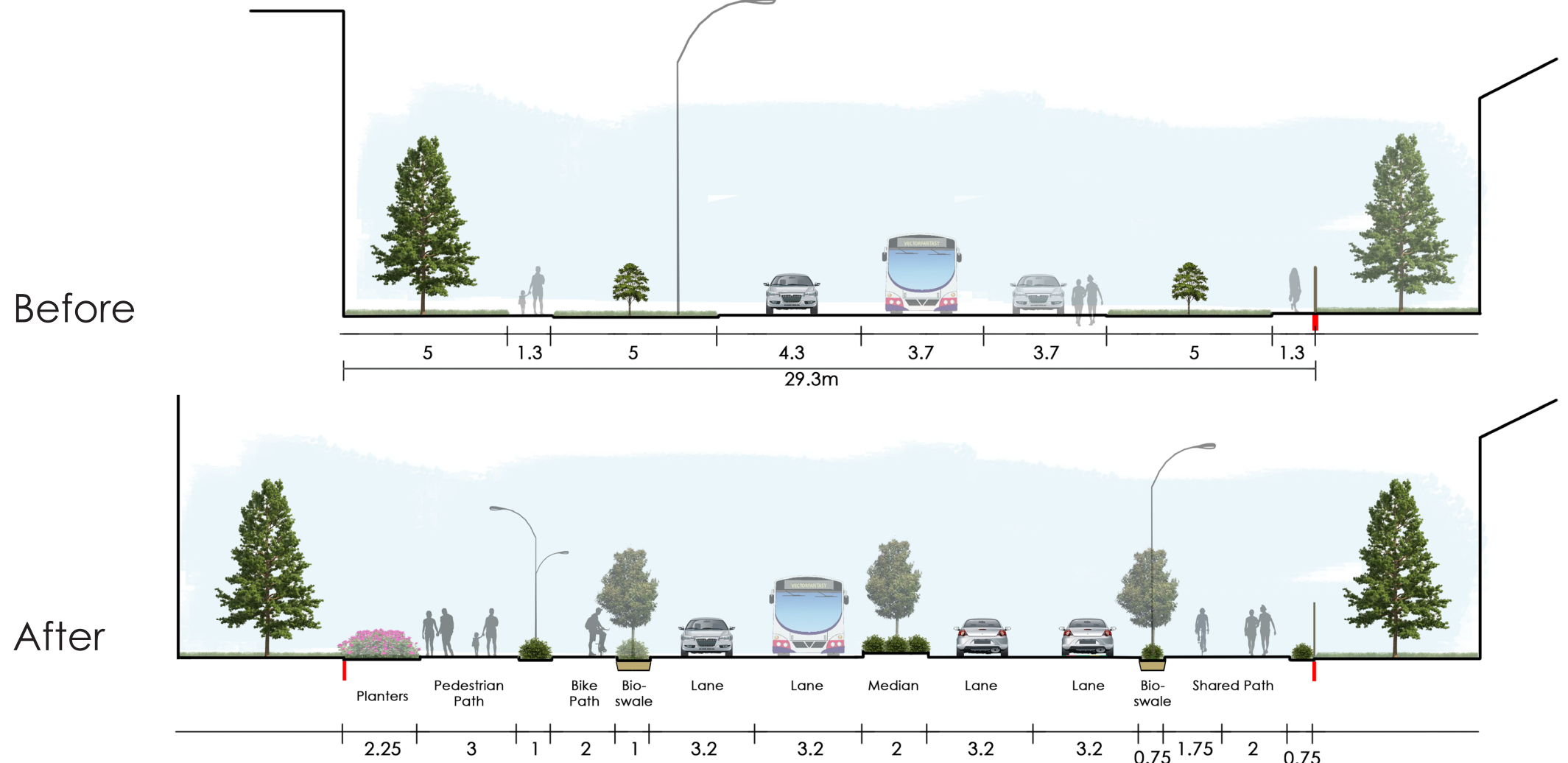
Opportunities
Active Transportation
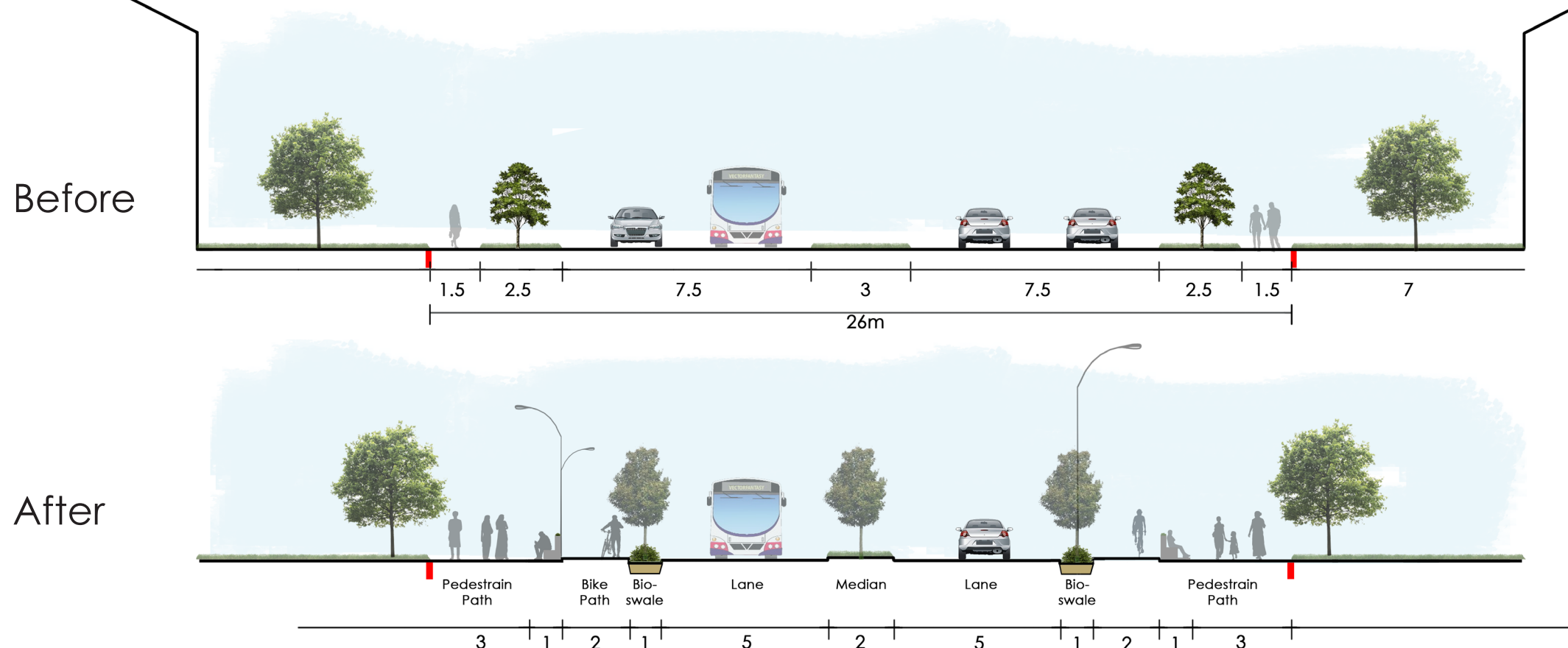Equity + Inclusivity
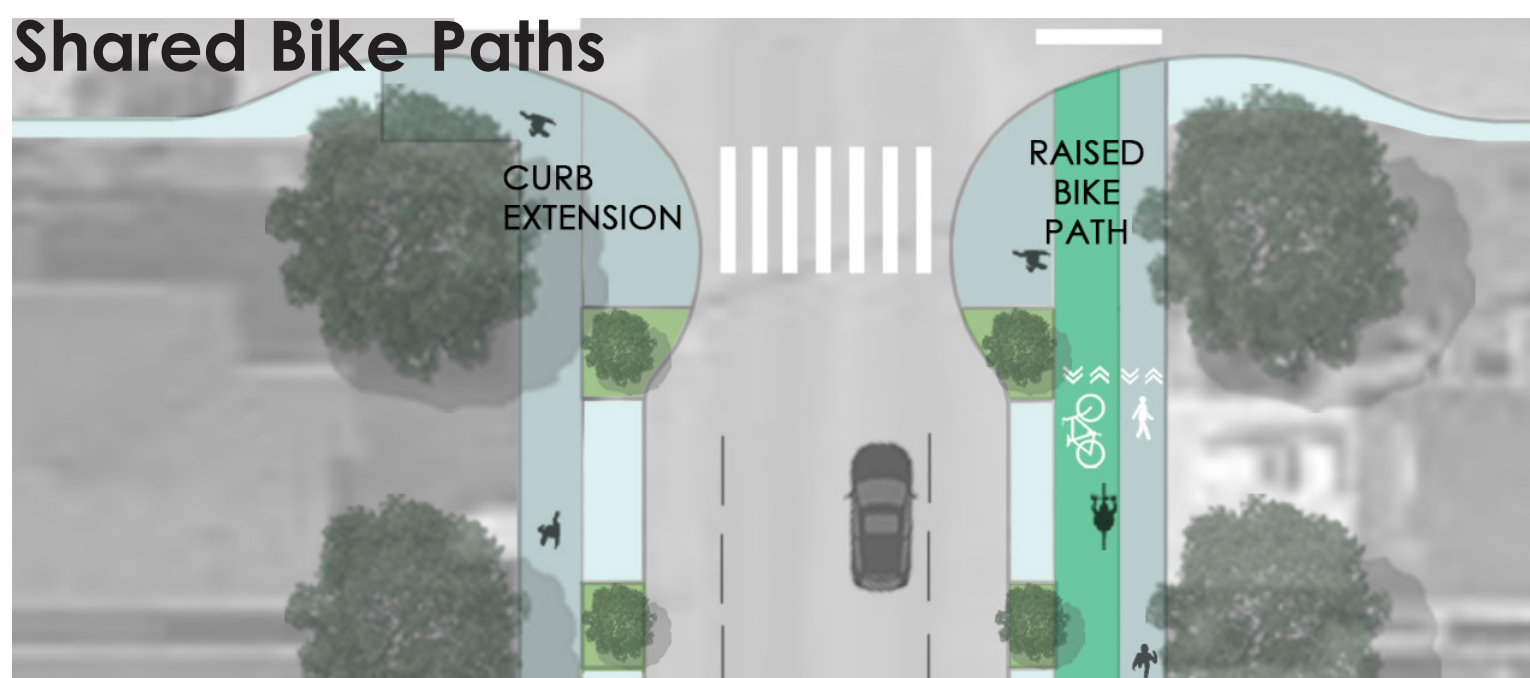Pedestrian Safety
Sense of Place

Streetscapes

— Complete Streets
— Shared Bike Paths

Saddletowne Circle NE

Before
5 | 1.3 | 5 | 4.3 | 3.7 | 3.7 | 5 | 1.3
29.3m

After
Planters 2.25 | Pedestrian Path 3 | Bike Path 1 | Bio-swale 2 | Lane 3.2 | Lane 3.2 | Median 2 | Lane 3.2 | Lane 3.2 | Bio-swale 0.75 | Shared Path 1.75 | 2 | 0.75

80th Ave NE

Before
1.5 | 2.5 | 7.5 | 3 | 7.5 | 2.5 | 1.5 | 7
26m

After
Pedestrain Path 3 | Bike Path 1 | Bio-swale 2 | Lane 5 | Median 2 | Lane 5 | Bio-swale 2 | Pedestrian Path 3

Shared Bike Paths

CURB EXTENSION
RAISED BIKE PATH

Approaches
Bike Path Connectivity

Raised Paths

Reclaim Pedestrian Realm

Addition of Pedestrian Space

Saddletowne Circle Conceptual Render

Team: Andrea Rudiger, Neal Greywall, Sushmitha Tenkasalai
Instructor: Francisca Alaniz Uribe

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PLANNING AND LANDSCAPE

Saddle Ridge + Taradale
Land Use

What We Heard

"We need more opportunities for multi-generational gathering spaces"

"More options for food and coffee shops."

"Senior population can only play cards Genesis Centre, but they want other places to gather and play games."

Opportunities

Aging in Place
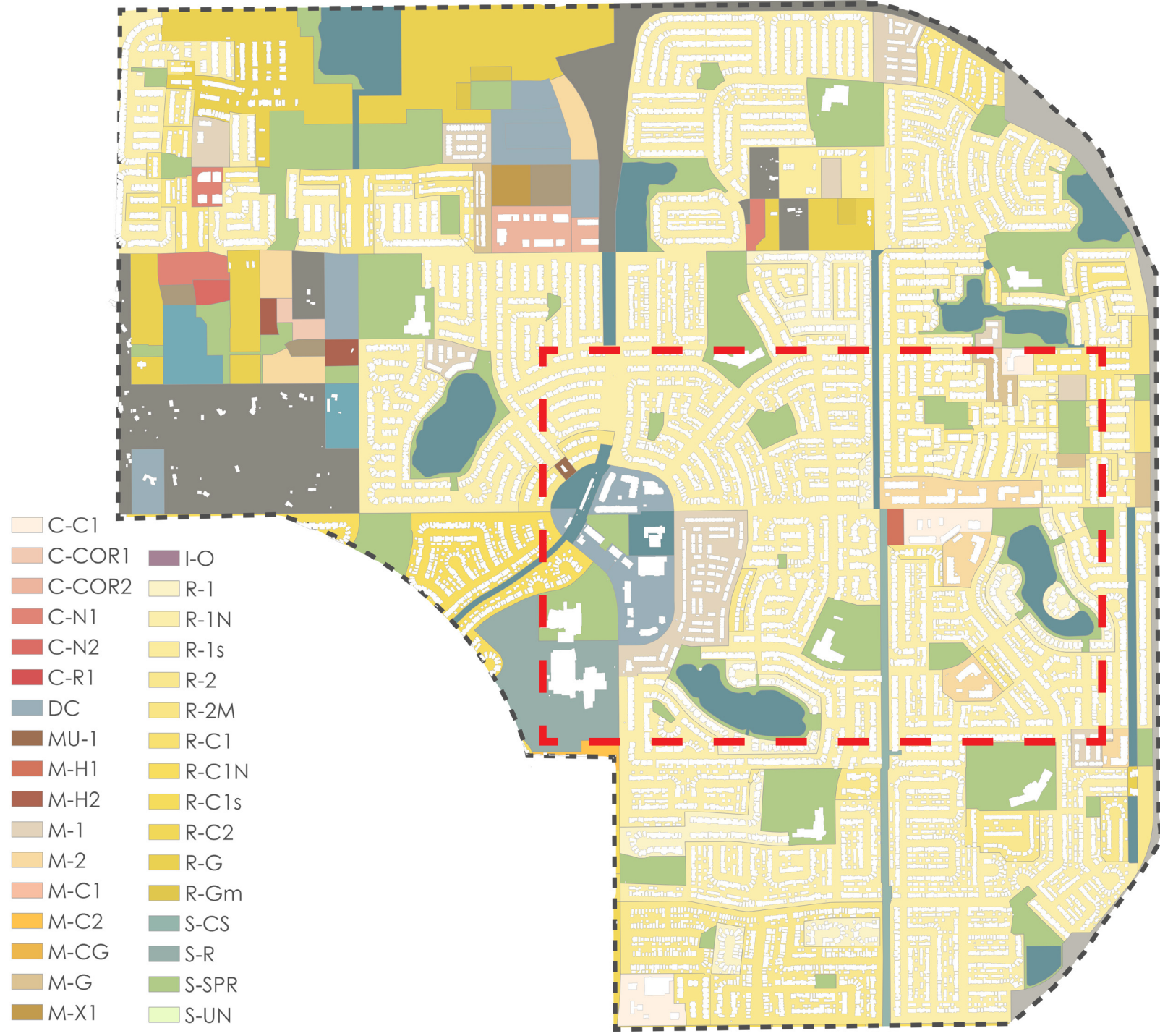
Diversity of Land Use

Public Realm
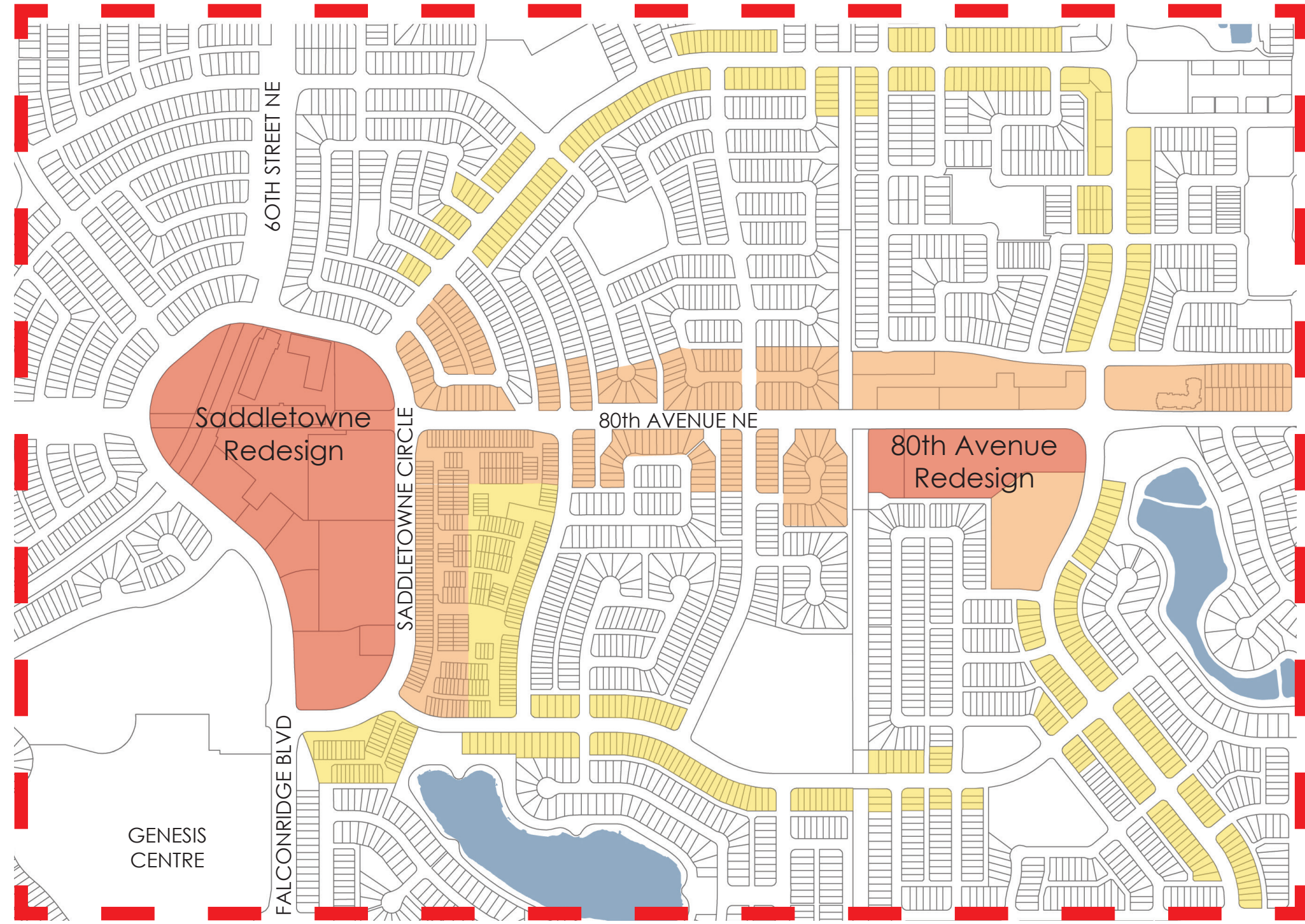
Sense of Place

Diversity of Housing Solutions

| Existing Residential | Low Density Medium Profile | Medium Density | Mixed Use |

Source: City of Calgary

Key Elements

1 Neighbourhood Connector
2 Neighbourhood Flex
3 Saddletowne Redesign
4 80th Ave Redesign

Existing Zoning

C-C1
C-COR1
C-COR2
C-N1
C-N2
C-R1
DC
MU-1
M-H1
M-H2
M-1
M-2
M-C1
M-CG
M-G
M-X1
I-O
R-1
R-1N
R-1s
R-2
R-2M
R-C1
R-C1N
R-C1s
R-C2
R-G
R-Gm
S-CS
S-R
S-SPR
S-UN

Proposed New Zoning

60TH STREET NE

Saddletowne Redesign

SADDLETOWNE CIRCLE

80th AVENUE NE

80th Avenue Redesign

FALCONRIDGE BLVD

GENESIS CENTRE
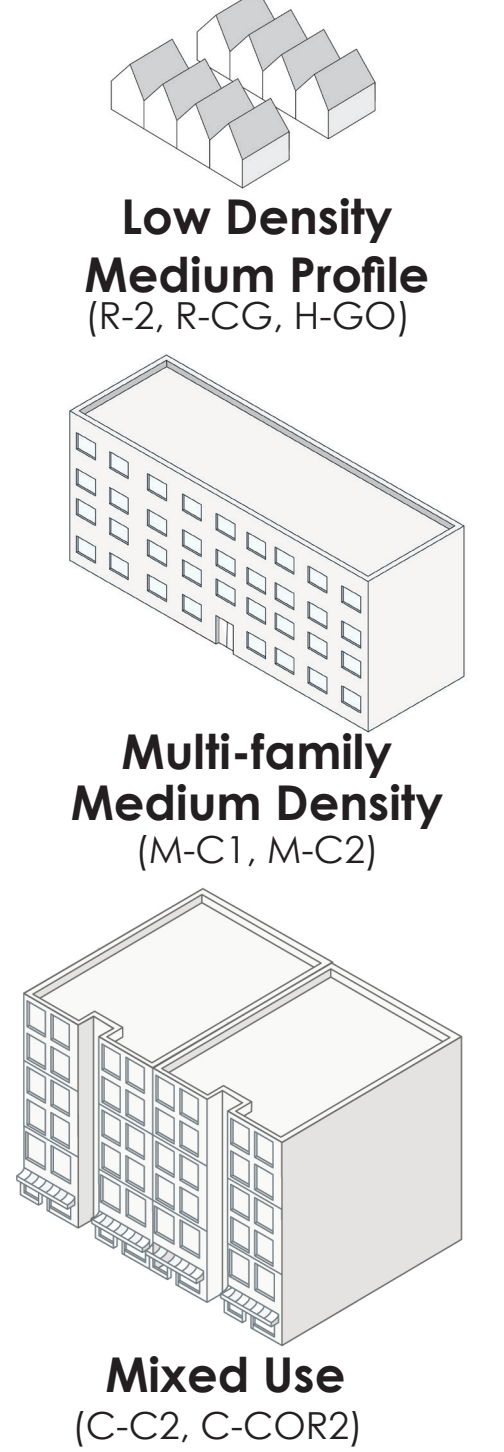
Legend

Low Profile, Medium Density
Multi-family, Medium Density
Mixed Use, Commercial
Existing Stormwater Ponds

Urban Form

Low Density Medium Profile
(R-2, R-CG, H-GO)

Multi-family Medium Density
(M-C1, M-C2)

Mixed Use
(C-C2, C-COR2)

Affordable Housing

EMERGENCY SHELTERS | NON-MARKET RENTALS | AFFORDABLE OWNERSHIP | RENTAL HOUSING | OWNERSHIP HOUSING

TEMPORARY HOUSING | NON-MARKET HOUSING | MARKET HOUSING

Design Principles Acheived

Connect the Community

Celebrate the Community

Encourage Healthy Living

Promote Safety
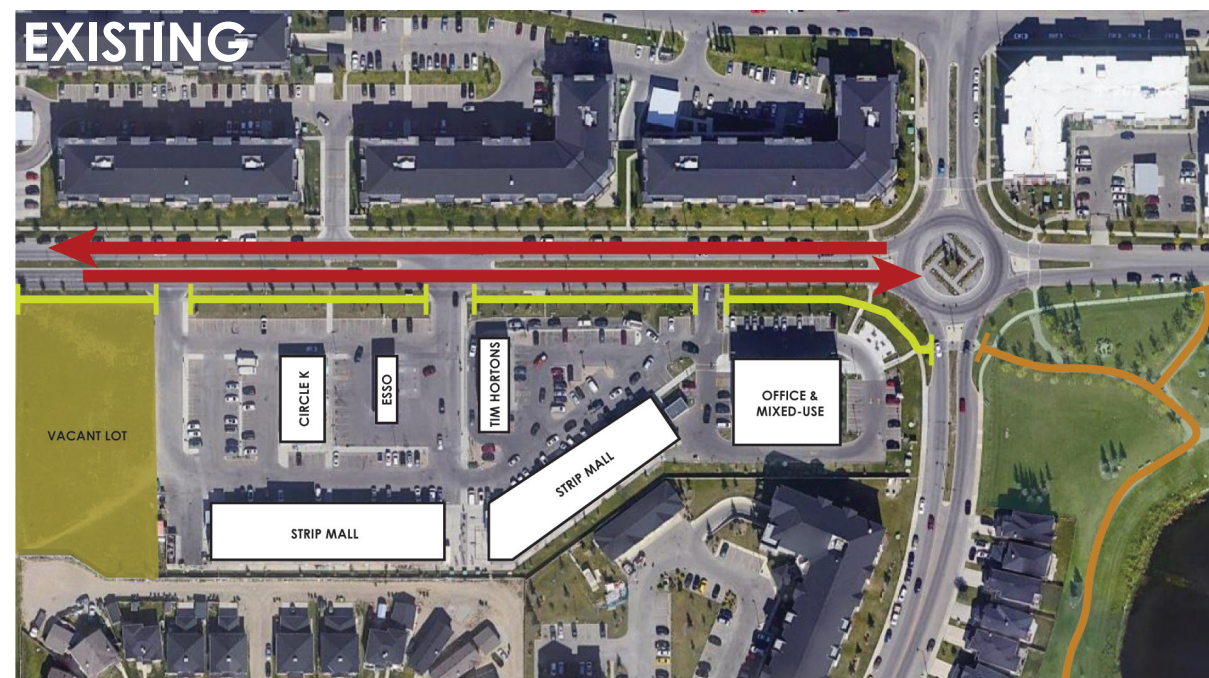
Foster Resilience

Celebration Square (80th Ave Redesign)

Commercial Land Use

Opportunities

Aligns with Mobility Interventions
Surrounding Existing Density
Connects to Saddletowne Redesign
Adjacent to Stormwater Pond

EXISTING

VACANT LOT

CIRCLE K

STRIP MALL

OFFICE & MIXED-USE

STRIP MALL

Proposed Site Plan

Residential

Mixed Use

Mixed Use

Mixed Use

Parking

Existing Multifamily

Conceptual Site Plan of Celebration Square

Precendents

Zürich, Switzerland

Rundle Area Masterplan, City of Calgary

Taichung, Taiwan, Landworks Studio

Design Principles Achieved

Connect the Community

Celebrate the Community

Encourage Healthy Living

Promote Safety

Foster Resilience

Conceptual Render

Conceptual Render of Celebration Square

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Saddleridge + Taradale
Saddletowne Circle Redesign

What We Heard

The car-centric, concrete jungle leaves a hole in the centre of a community

"We need somewhere to relieve ourselves after a long commute home!"

"I want somewhere I can hang out with my girlfriends; somewhere we can sit, have coffee, and catch up."

"There are so few places which welcome and accessible to seniors. We need more gathering spaces."

Opportunities

| Equity + Inclusivity | Public Realm | Sense of Place | Transit Oriented-Development |

Site Plan

Key Elements

1. Saddletowne LRT Station
2. Fire Station No. 32 + Calgary Police Service Station District 5
3. Non-market Housing
4. The Grove
5. The Rink
6. The Deer
7. Saddletowne Mainstreet
8. Big Box Retailer
9. Underground Parking Entrance

Design Principles Achieved

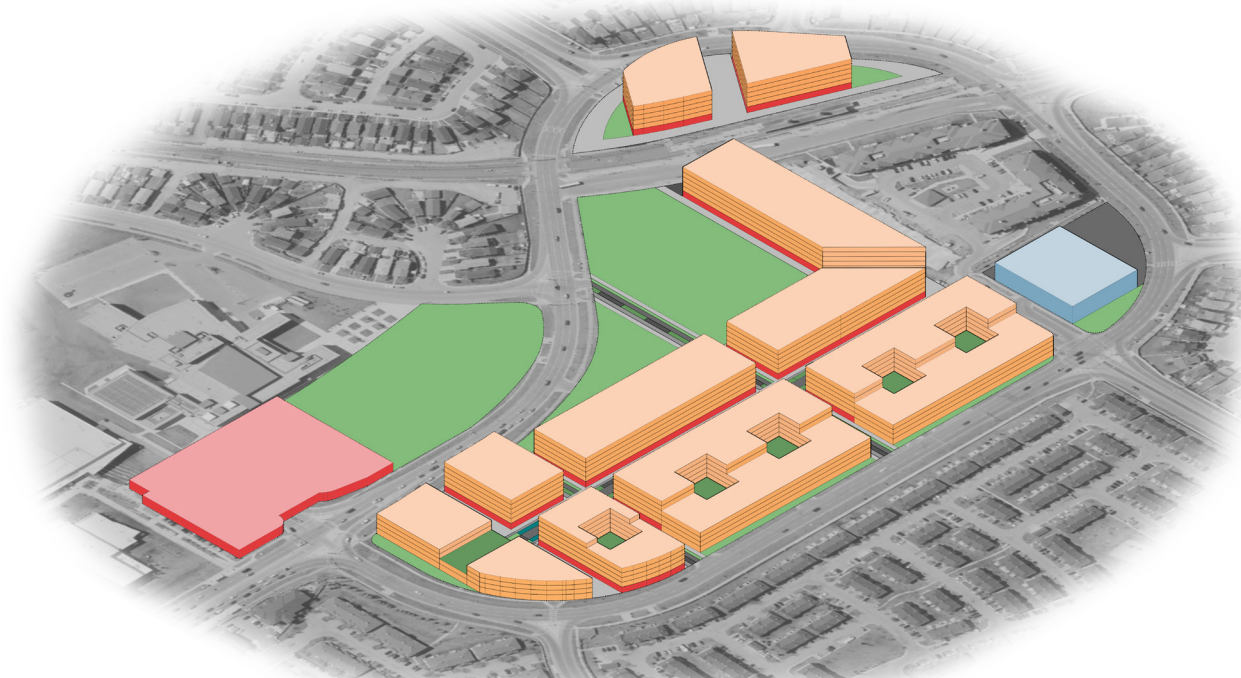**Connect the Community**   **Celebrate the Community**   **Encourage Healthy Living**   **Promote Safety**   **Foster Resilience**

Breakdown

- Commercial
- Institutional
- Open Space + Park
- Residential

2 153
Jobs

Approximately 13 to 23 sq. m of commercial space creates one job. The job number estimate was provided by dividing new commercial space (~40,000 sq. m) by the average of 18 sq. m per job.

3 586
Market Housing

The average Canadian require 18 to 37 sq. m of space to live comfortably. The number of people in market housing estimate was provided by dividing new market housing space (~166,586 sq. m) by 46 sq. m per person, providing a luxurious living experience.

618
Non-Market Housing

Estimate of people in non-market housing was calculated using the same amount of space per person as market housing. New non-market housing space created is ~28,726 sq. m.

1 077
Parking Stalls

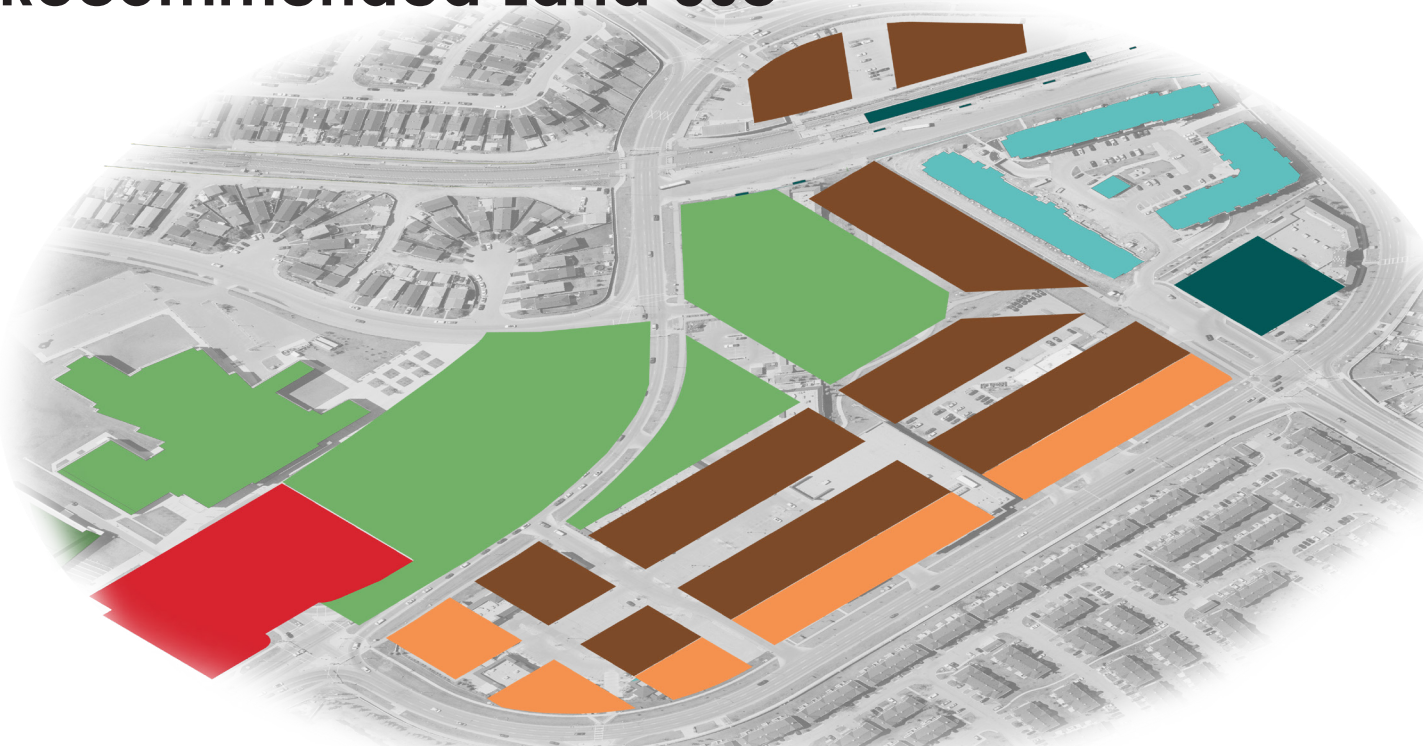Underground parking will be available for residents and visitors under The Grove and Big Box Retailer.
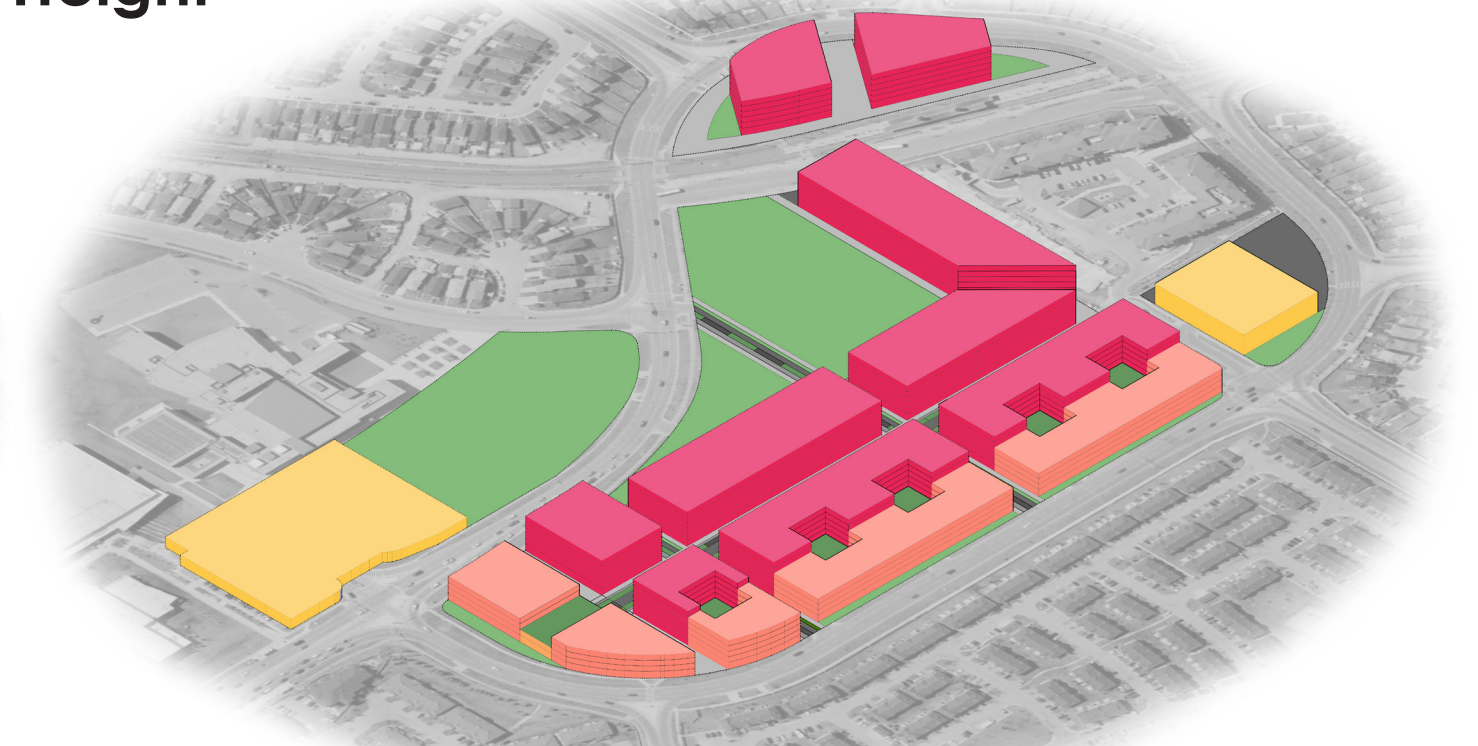
Land use + Scale

Existing Land Use
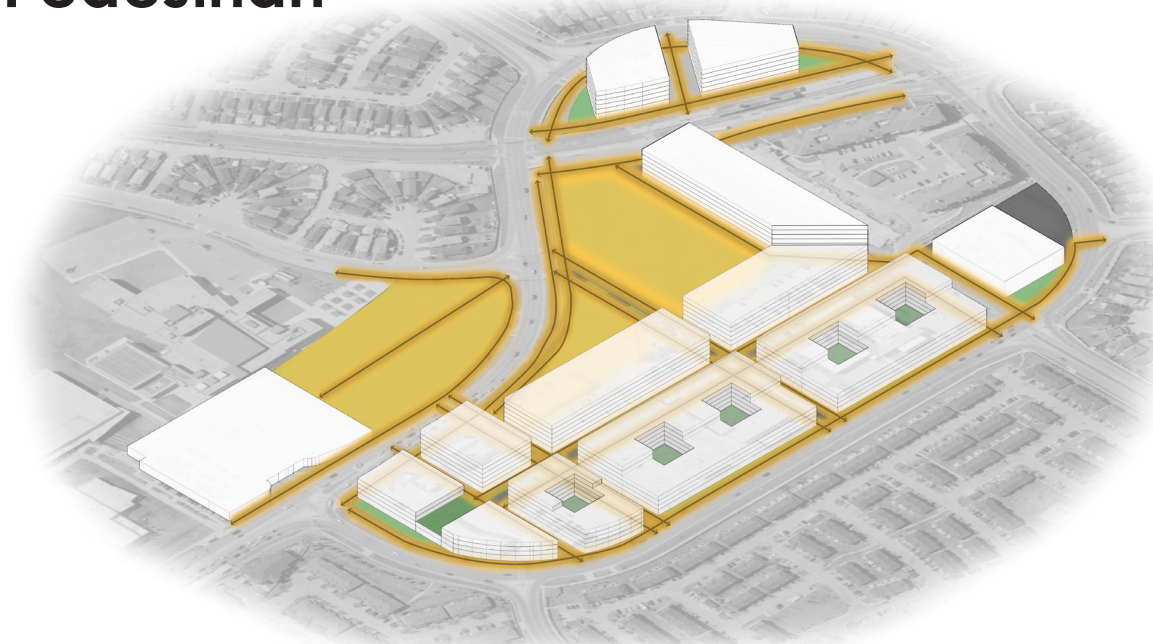
- DC
- S-CRI
- S-SPR

Recommended Land Use

- C-C2
- MC-2
- DC
- S-CRI
- M-2
- S-SPR

Height

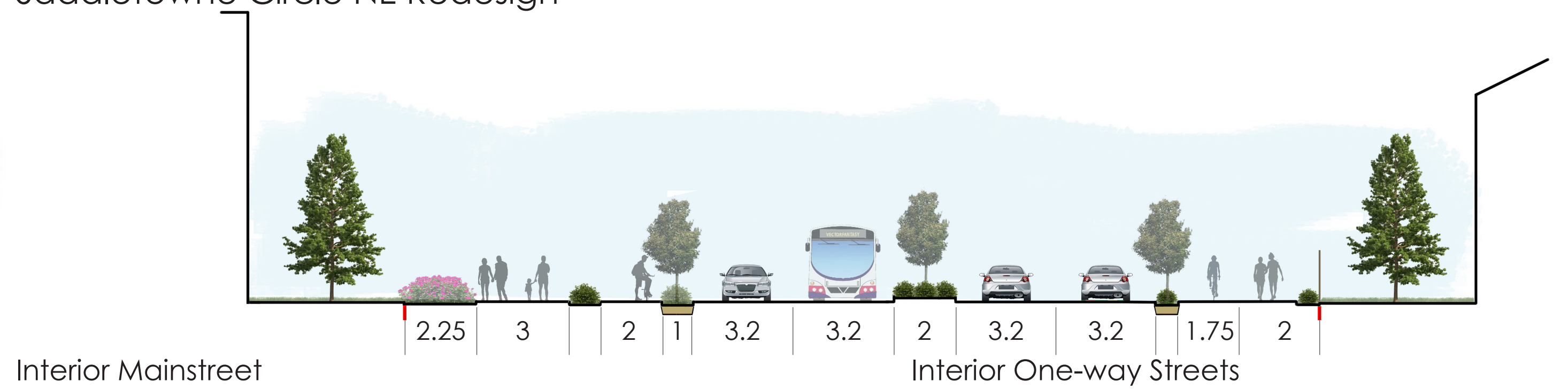- >2 Storeys
- 4 Storeys
- 6 Storeys

Movement + Streetscapes

Pedestrian

Vehicles
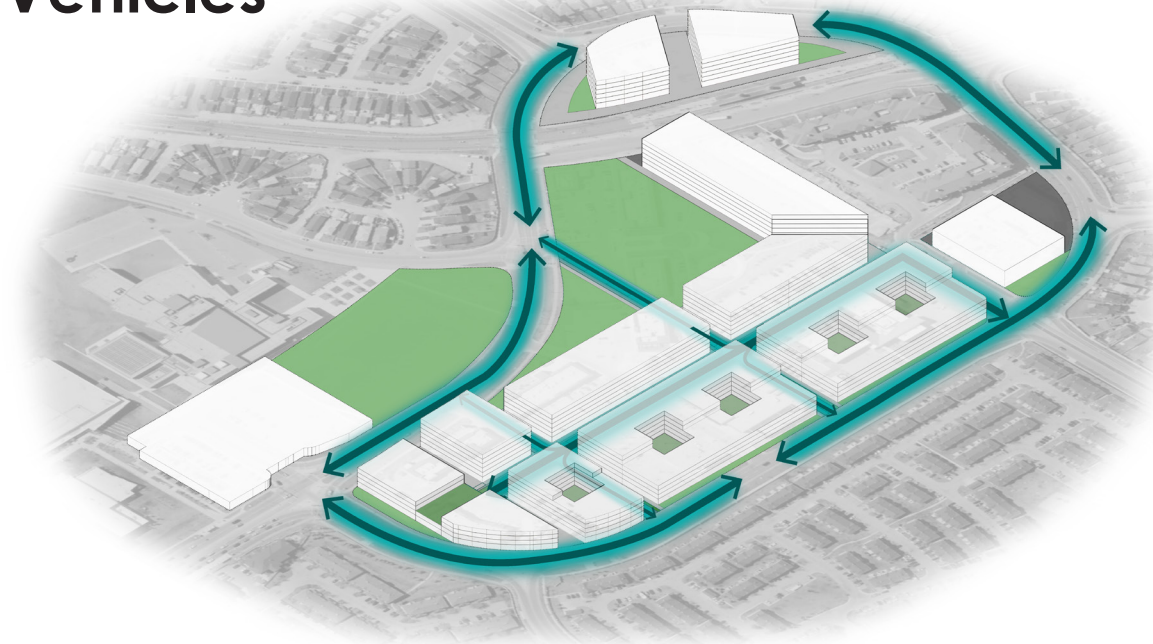
Saddletowne Circle NE Redesign

2.25 | 3 | 2 | 1 | 3.2 | 3.2 | 2 | 3.2 | 3.2 | 1.75 | 2

Interior Mainstreet

Pathway | Bike path | Parking/Planters | Vehicle lane | Vehicle lane | Parking/Planters | Bike path | Pathway

3 | 1.5 | 3 | 3.2 | 3.2 | 3 | 1.5 | 3

Metres

Interior One-way Streets

Pathway | Bike path | Parking/Planters | Vehicle lane | Planters | Pathway

3 | 3 | 3 | 3.2 | 2 | 3

Team   Andrea Rudiger
Neal Greywall
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Instructor   Francisco Alaniz Uribe
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