



NATIONAL PROPERTY SUMMIT 2022

1 DECEMBER 2022

IRISH CITIES 2070

GALWAY 2070 VISION – CITY PLAN AND APPROACH

JIM COADY B ARCH MA URB DES FRIAI

DAVID BROWNE B ARCH FRIAI RIBA



GALWAY 2022

IC70 GROUP

EUROPEAN EXEMPLARS

GALWAY CITY 2070

GALWAY NEIGHBOURHOODS 2070

INNER CITY

1 | GALWAY 2022



GALWAY 2022

INITIAL VISIONING STUDY

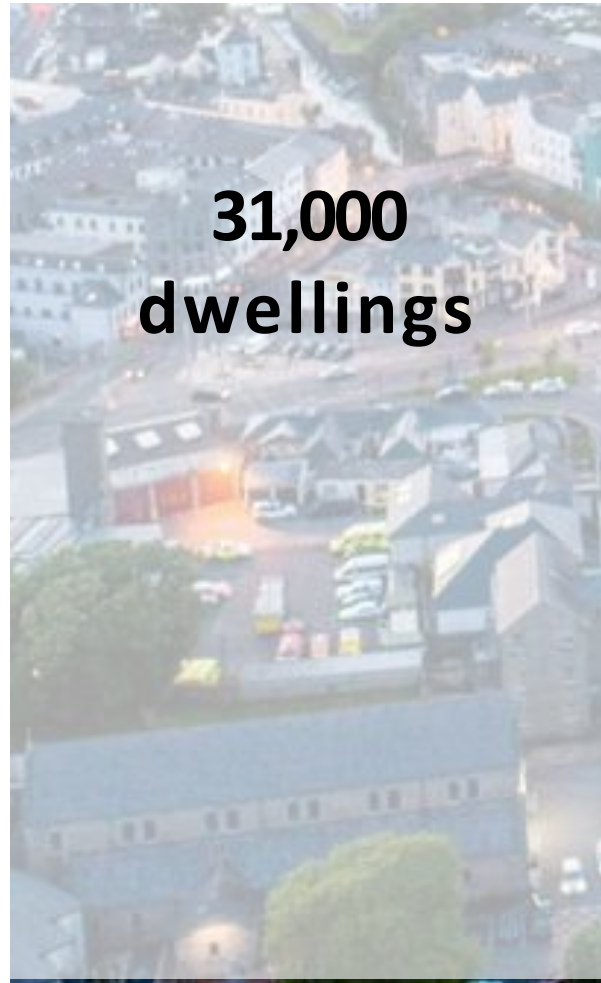
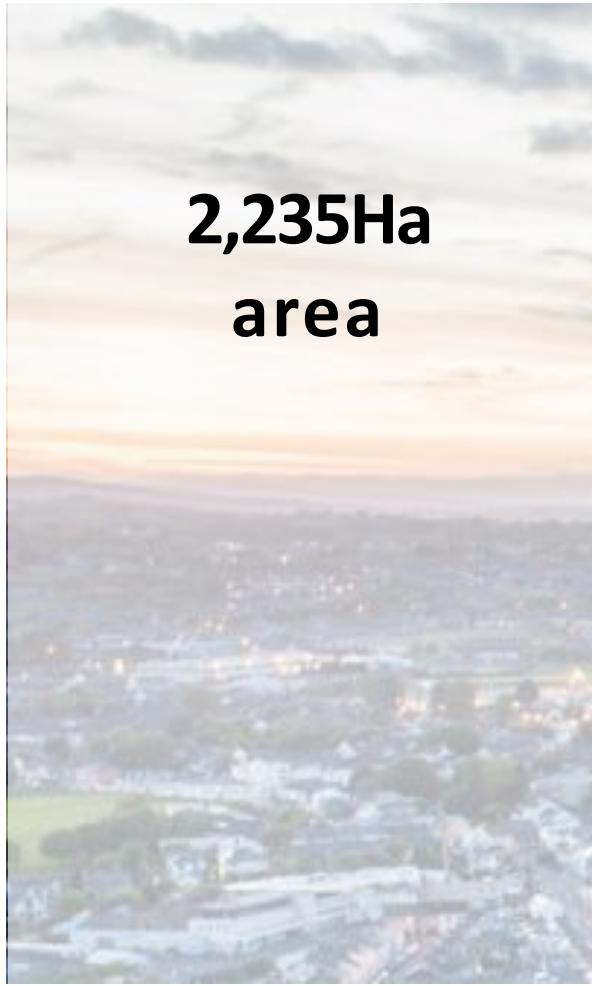
BEGINNING OF AN APPROACH

STUDY OF EUROPEAN EXEMPLARS

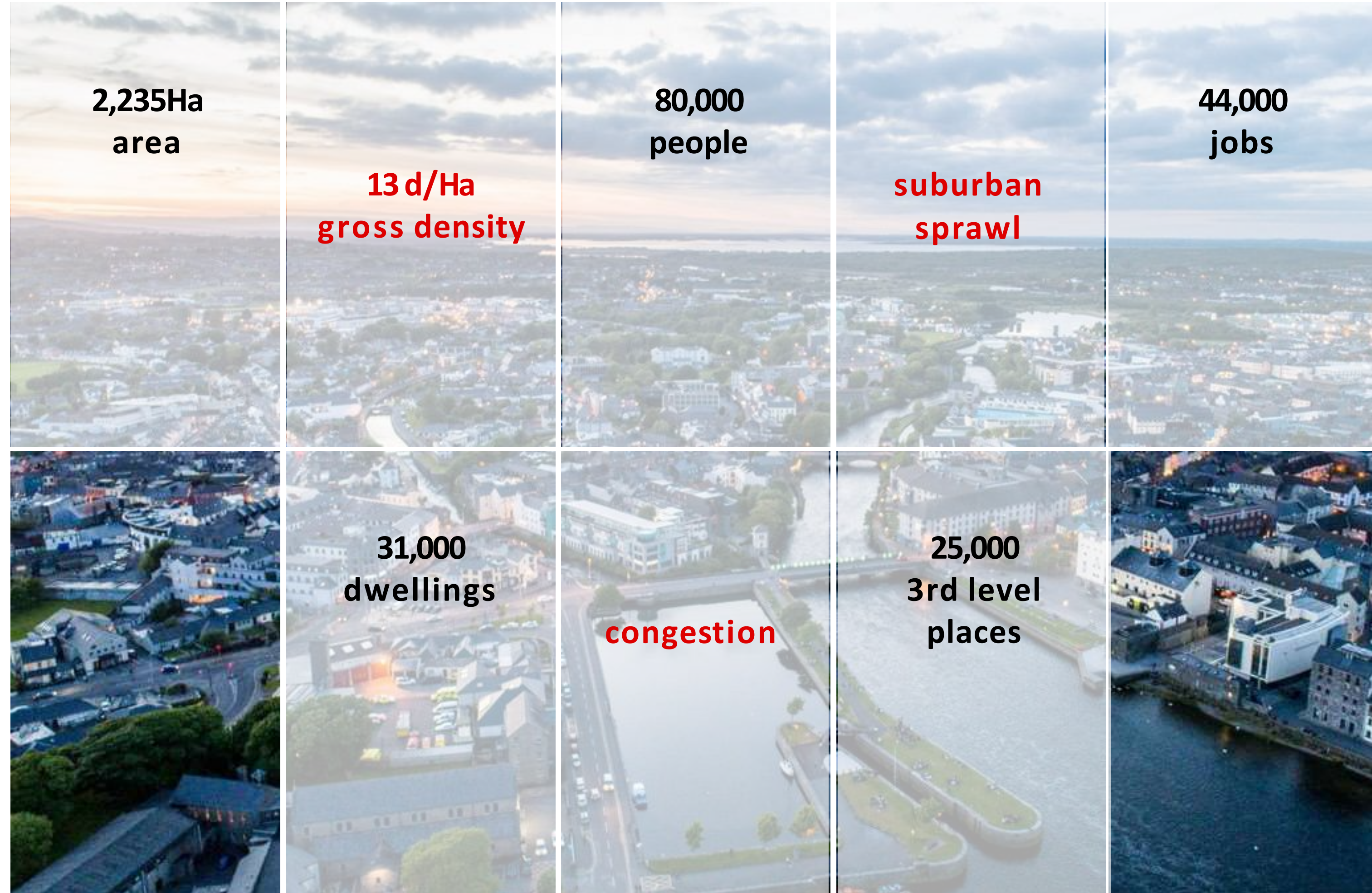
METHODOLOGY FOR LONG TERM SUSTAINABLE CITY DEVELOPMENT

COULD BE APPLICABLE TO ALL IRISH CITIES AND LARGE TOWNS

IC70 VISION OF WHAT IS POSSIBLE – FOR WIDER SOCIETY OF GALWAY TO DECIDE WHETHER THIS IS THEIR FUTURE



GALWAY 2022





GALWAY 1966

26,295 population



GALWAY 2016

79,934 population

x3



2 | IRISH CITIES GROUP 2070

IRISH CITIES 2070 PROJECT

MULTIDISCIPLINARY
GROUP TO RESEARCH
THE FUTURE ROLE,
GROWTH AND
CHARACTER OF
IRELAND'S CITIES -
SPONSORED BY RIAI
AND IAE

WHO WE ARE

ARCHITECTS
URBAN DESIGNERS
PLANNERS
DEMOGRAPHERS
ENGINEERS
SUSTAINABILITY
LANDSCAPE



WHY DO THIS STUDY?

GUIDE THE
LONG TERM VISION
FOR GALWAY AND
OUR CITIES FOR THE
NEXT 50 YEARS

OUR POPULATION WILL
LIKELY GROW FROM 6.9
TO 10 MILLION BY 2070

WILL THIS GROWTH
BE ACHIEVED WITH
THE POOR QUALITY OF
URBAN DEVELOPMENT
OF THE LAST 50 YEARS?

**UNSUSTAINABLE
SUBURBAN SPRAWL
CAR DEPENDENCE
POOR PLACEMAKING**

STUDY VISITS

COPENHAGEN
MALMO
STOCKHOLM
FREIBURG



DESKTOP STUDY

AMSTERDAM
LEIPZIG
BRISTOL
BORDEAUX
EINDHOVEN

**LESSONS
LEARNED**

FREIBURG

**CITY GOVERNANCE
AND FUNDING**

MUNICIPALITY
ACQUIRES LAND AT
CURRENT VALUE
BEFORE REZONING

RIGHT TO 'FORCE'
LAND PURCHASE

FUNDING FROM
MUNICIPAL TAX = 30%
OF BUDGET GIVING
GREATER LOCAL
AUTONOMY THAN IN
IRELAND



**URBAN
PLANNING AND
DEVELOPMENT**

BOTTOM-UP AND
TOP-DOWN
LAND-USE
PLANNING

SUSTAINABLE
TRANSPORT
PROMOTES WALKING,
BIKING AND PUBLIC
TRANSPORT - 60% OF
RESIDENTS DON'T
OWN CAR

CUT BUILDING CO2 BY
48% V 1990s LEVELS

15 YEAR LAND-USE
PLAN FOCUSED TO
AVOID SPRAWL

**CITIES ARE
DRIVERS OF A
SUCCESSFUL
SOCIETY**

FREIBURG

CITY CENTRE

CENTRE BECAME PEDESTRIAN DOMINANT IN 1973

UNQUESTIONABLE FOCUS OF ECONOMIC/BUSINESS LIFE IN THE REGION

HEART OF THE CITY ENCOURAGING PROMENADING AND SOCIAL LIFE

RESTRICTED LARGE RETAIL USE OUTSIDE THE CITY CENTRE

LARGE RETAILERS ADAPT OUTLETS TO MULTIPLE SMALLER BUILDINGS



KEY DATA

c.226,000 PEOPLE

c.94,000 DWELLINGS

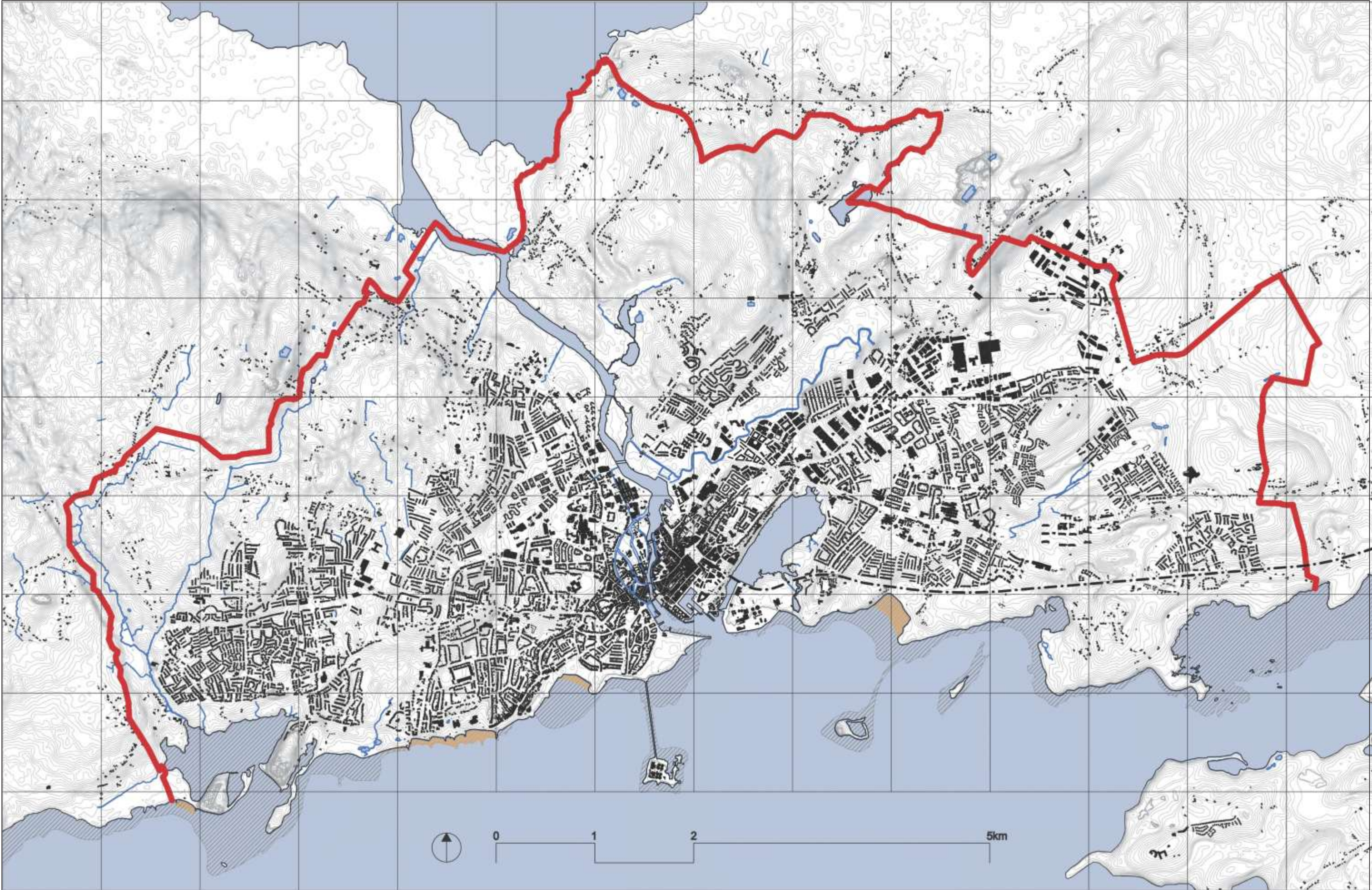
c.117,000 JOBS

c.30,000 THIRD LEVEL STUDENTS

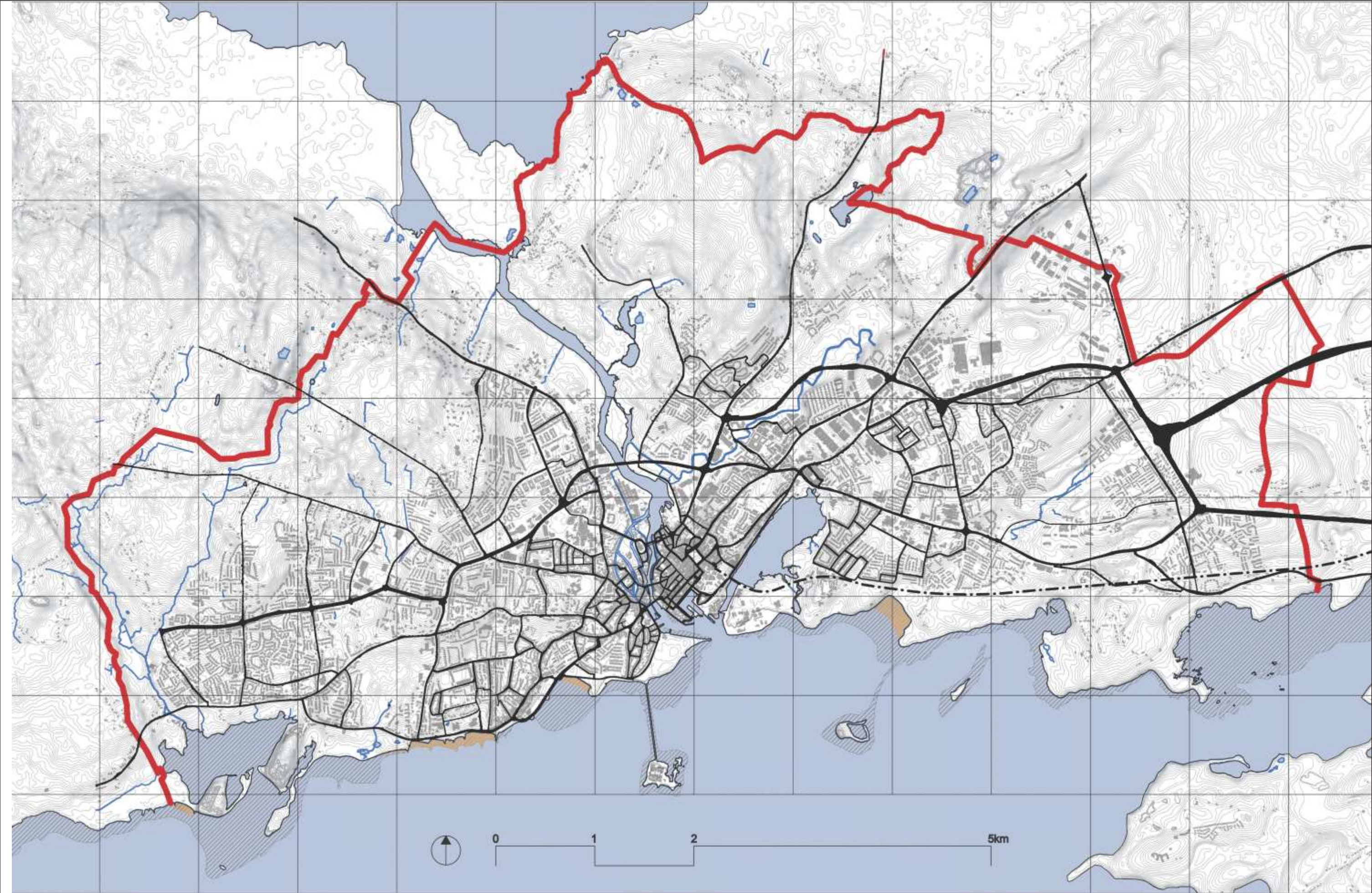


3 | APPLYING THE CHARTER TO GALWAY

FIGURE GROUND



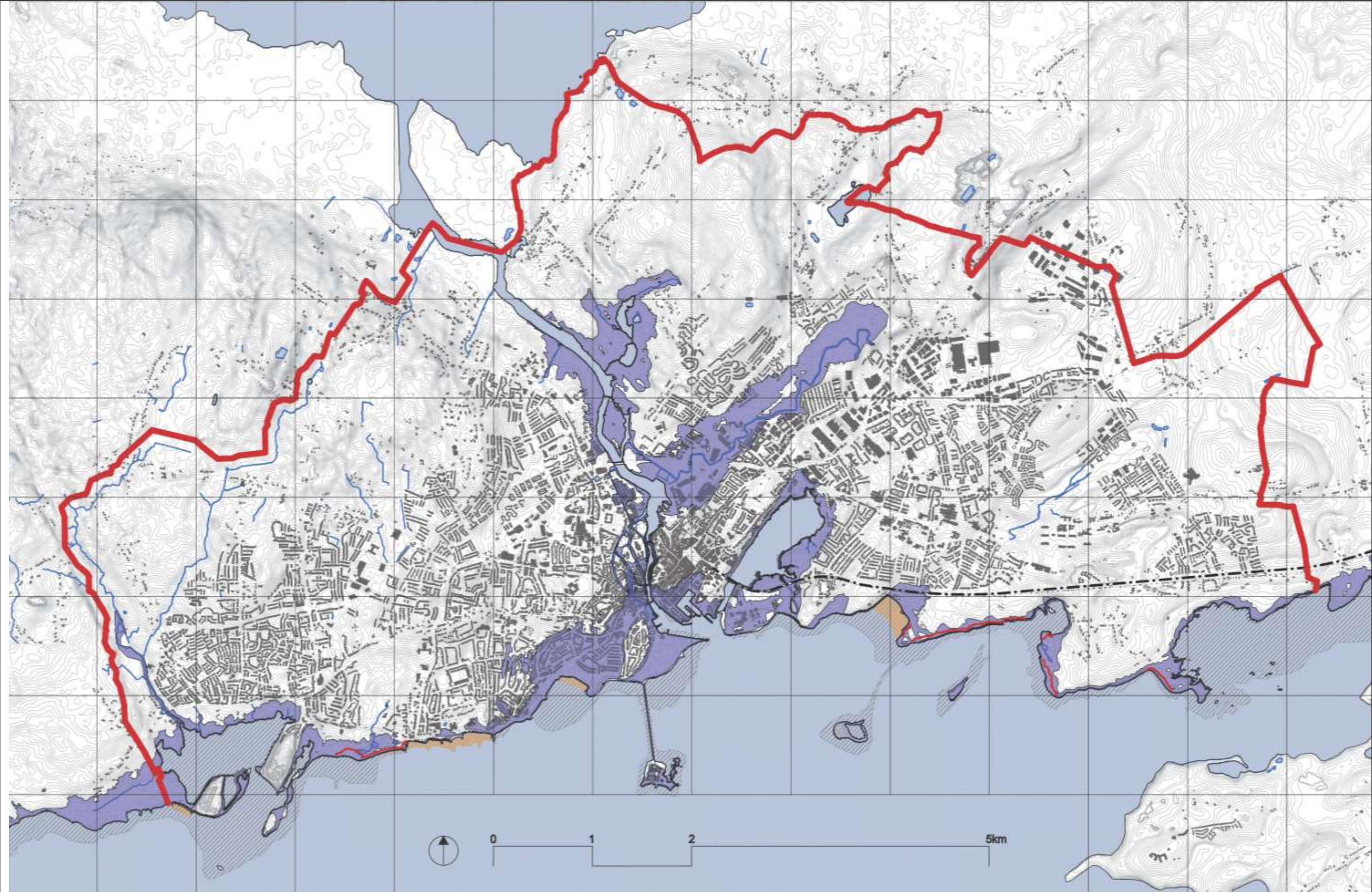
PRIMARY ROAD NETWORK



FLOODING

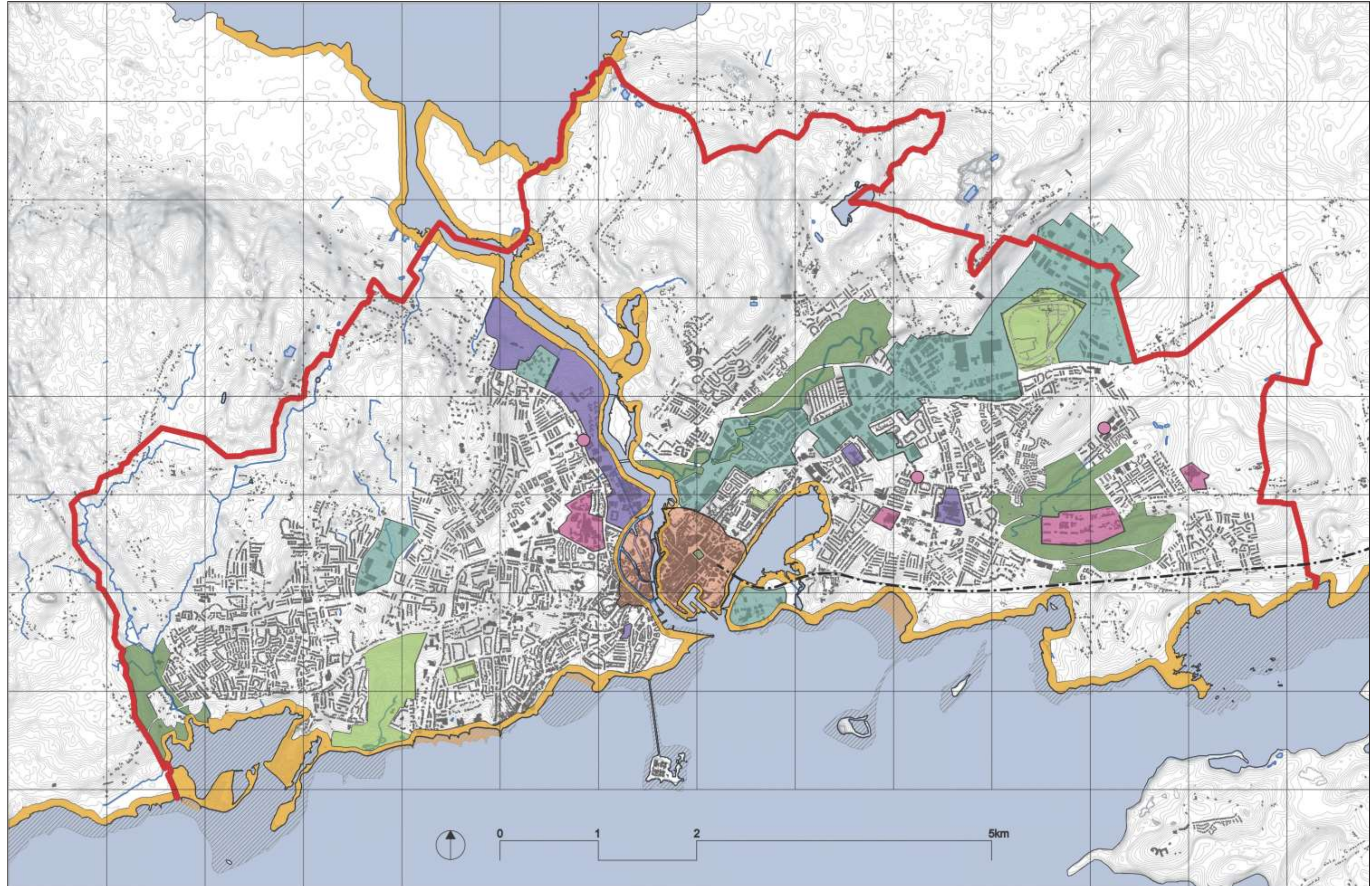
● COMBINED FLUVIAL & COASTAL MID RANGE FUTURE SCENARIO FLOOD RISK @0.5% AEP

0.5m SEA LEVEL RISE & +20% EXTREME RAINFALL PROJECTED UP TO YEAR 2100



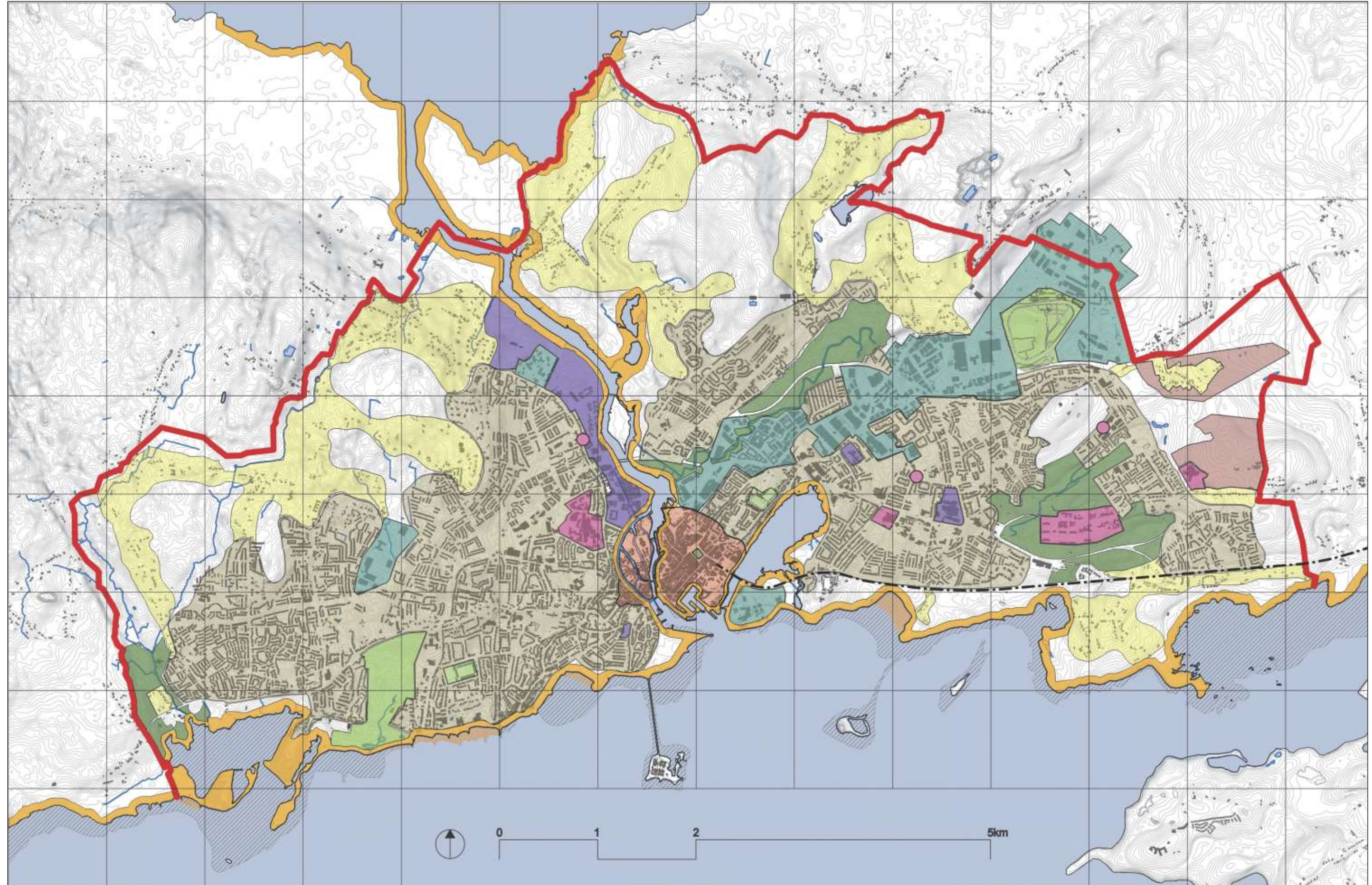
URBAN CHARACTER

- City Centre
- River Corrib & Canal/Coastal Corridor
- City Parks
- Private Recreation Grounds
- Third Level Campus
- Business, Technology & Commercial
- Healthcare
- Rail Line

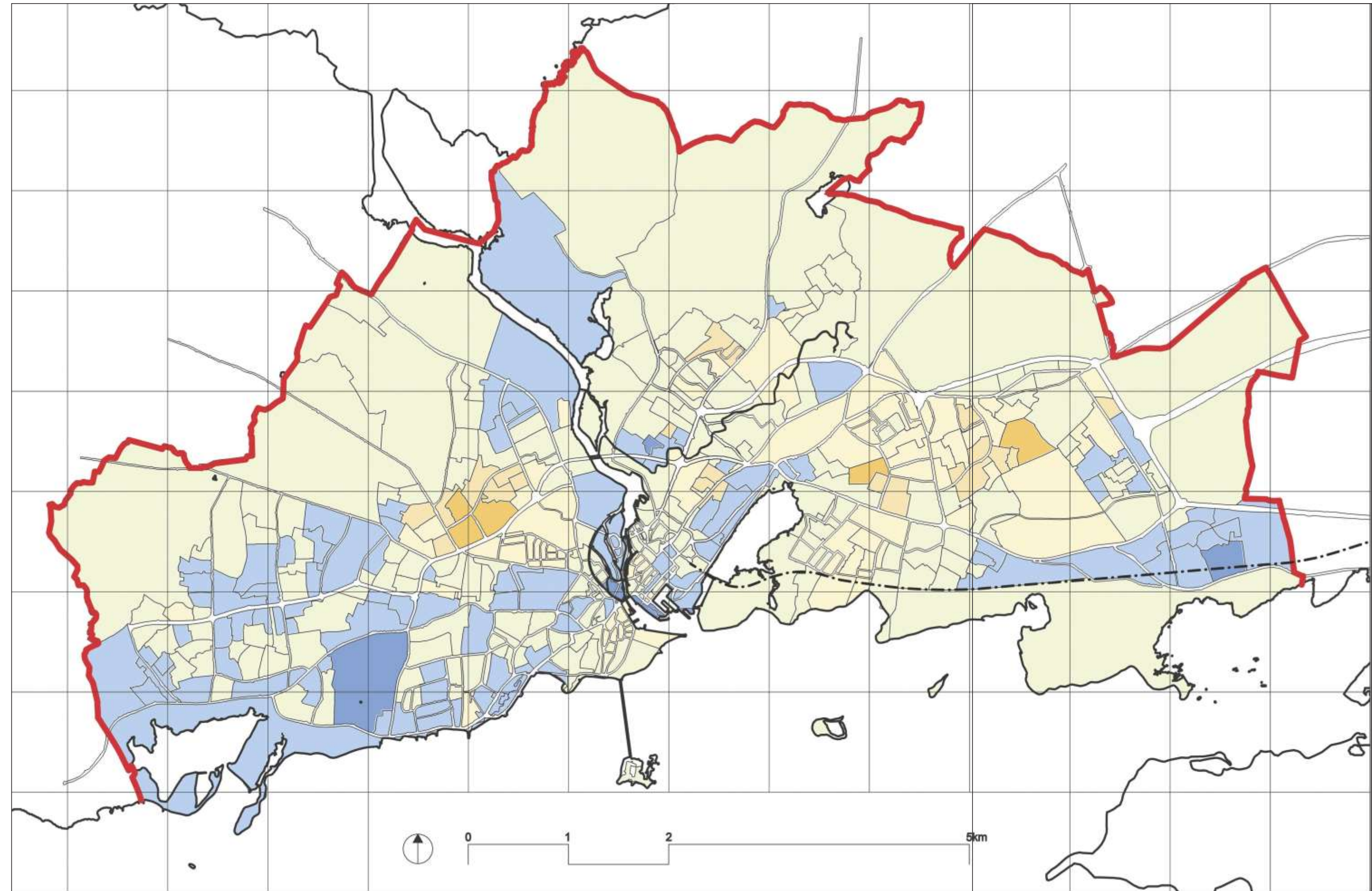
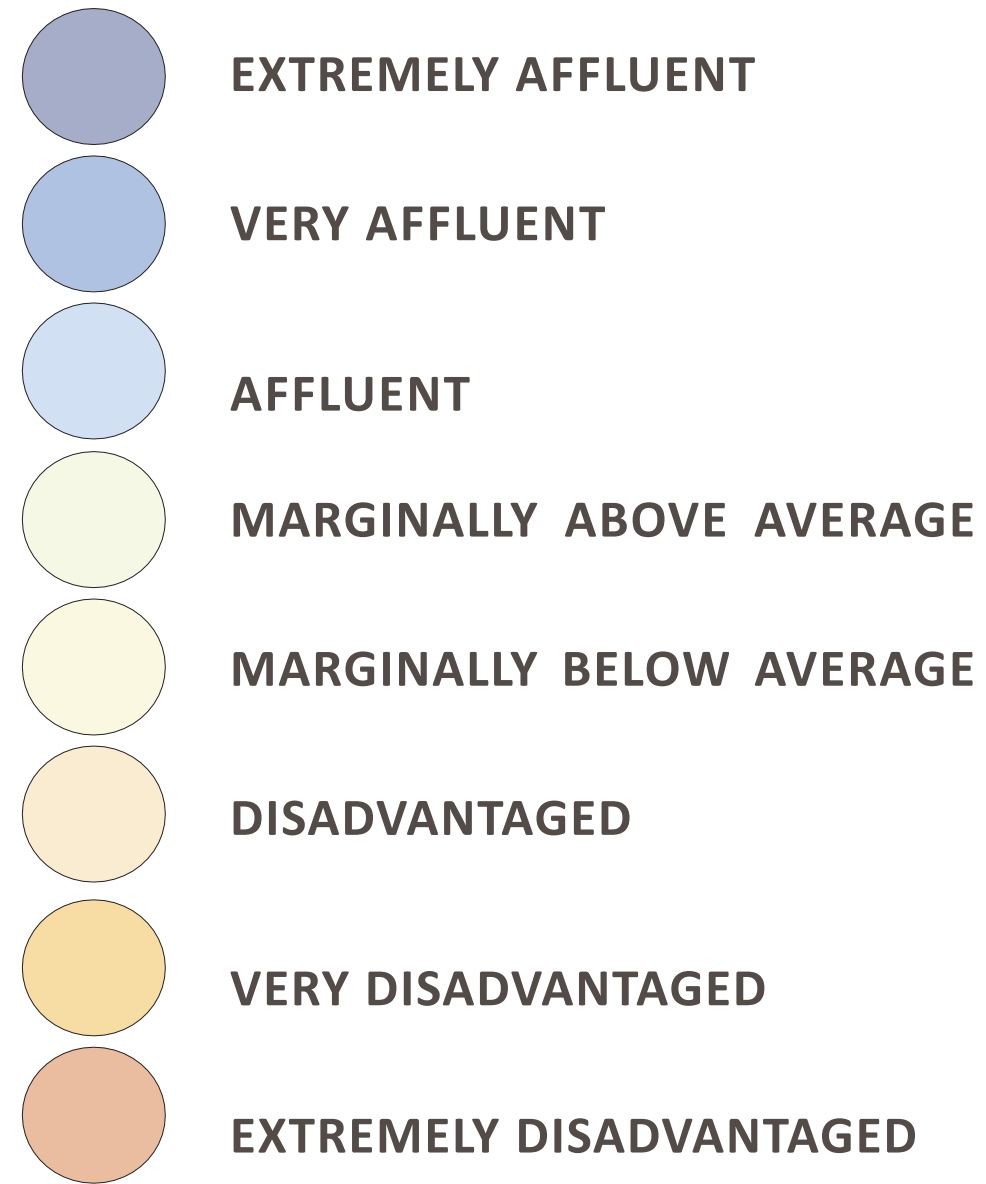


URBAN CHARACTER

- City Centre
- River Corrib & Canal/Coastal Corridor
- City Parks
- Private Recreation Grounds
- Third Level Campus
- Business, Technology & Commercial
- Healthcare
- Rail Line
- Low Density
- Ultra - Low Density
- Proposed Ardaun Development



POBAL DEPRIVATION INDEX





4 | GALWAY DEVELOPMENT SCENARIOS

EXISTING URBAN ENVELOPE

GALWAY 2022

80,000 People

**44,000
jobs**

**31,000
dwellings**



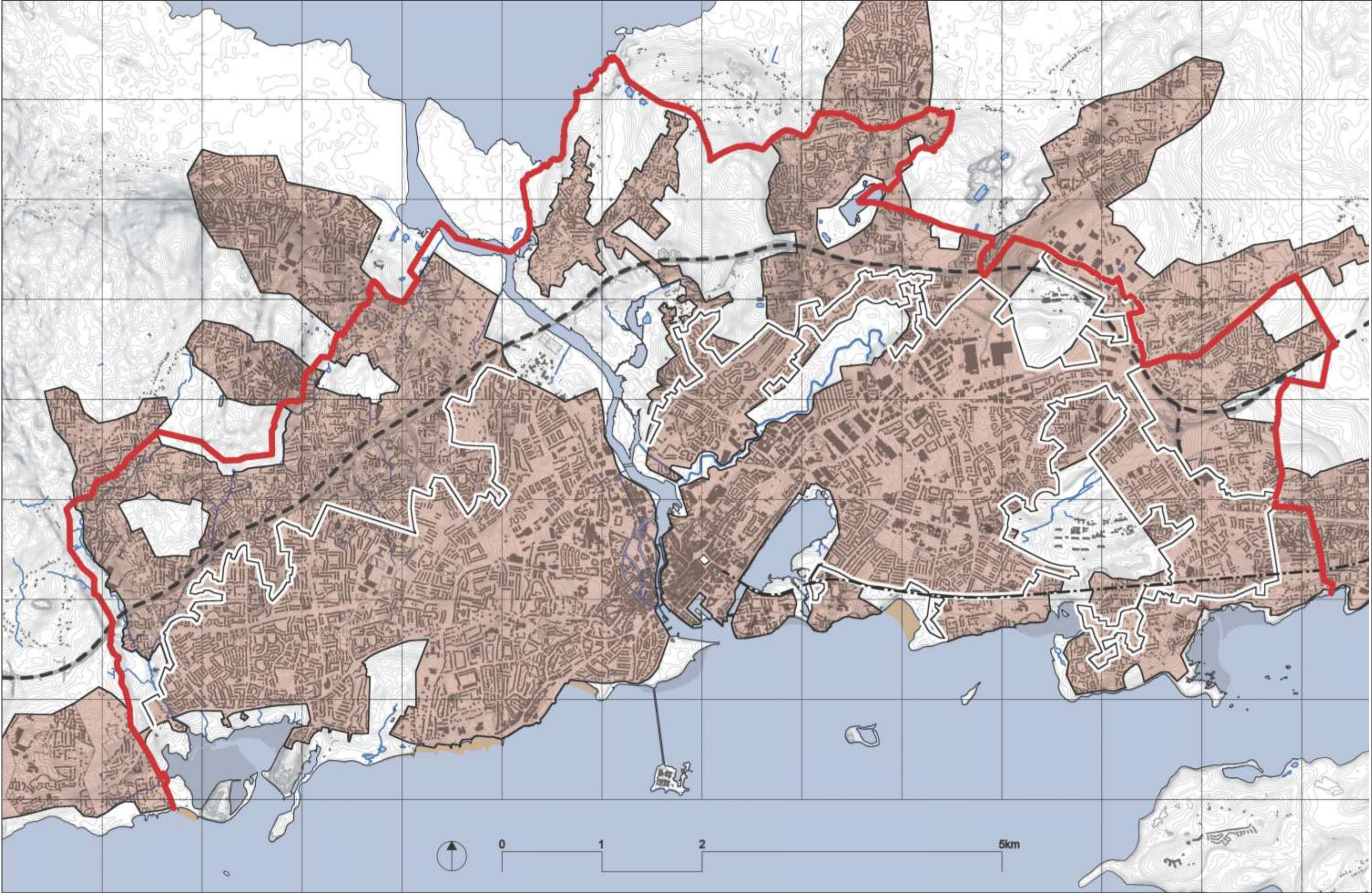
DO NOTHING BUSINESS AS USUAL SCENARIO

'DO NOTHING BUSINESS AS USUAL' SCENARIO

**252,000
People**

**135,000
Jobs**

**91,000
Dwellings**



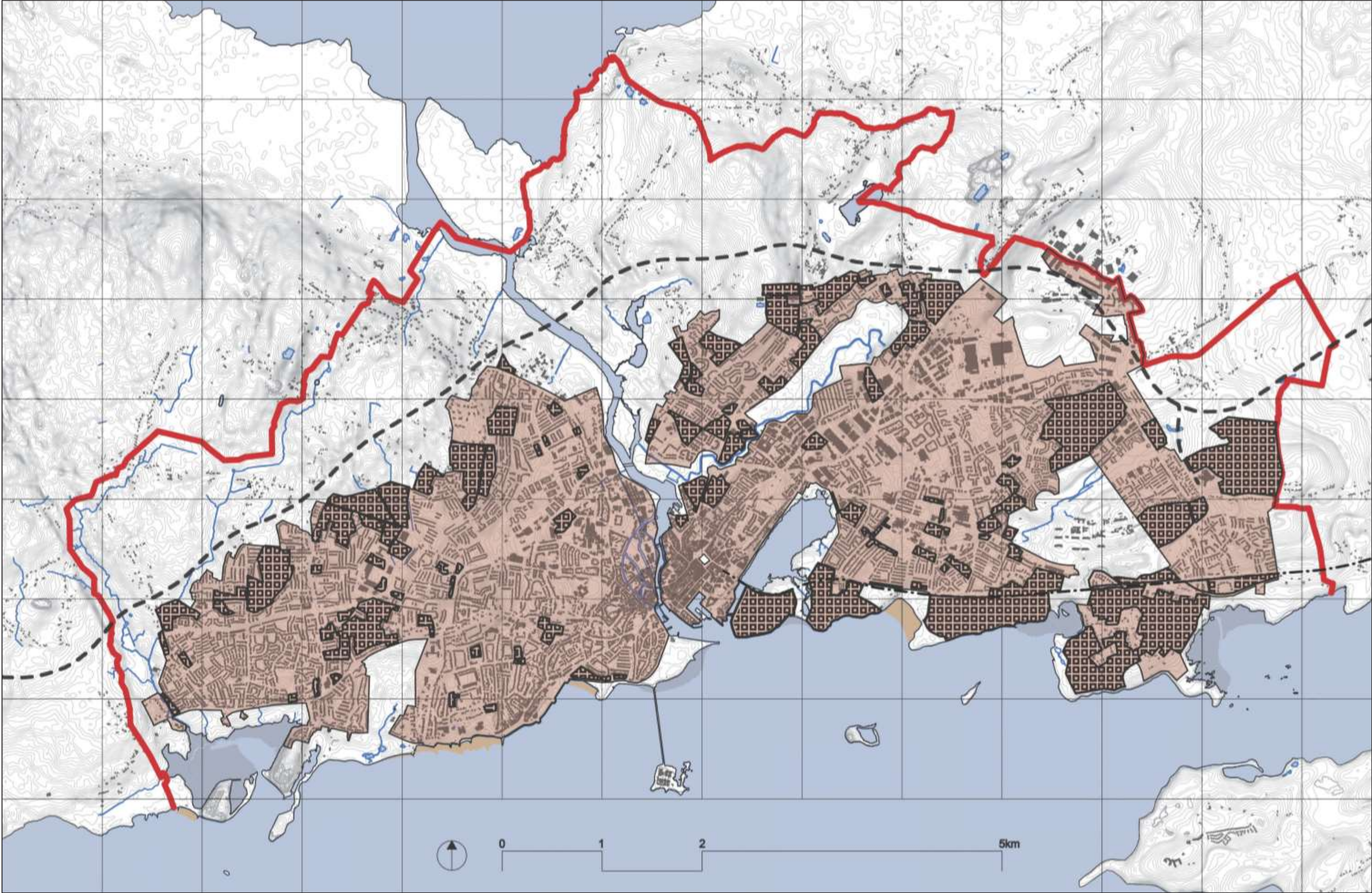
POTENTIAL INFILL

**EXPANDED
POPULATION
WITHIN URBAN
GROWTH
BOUNDARY**

252,000 People

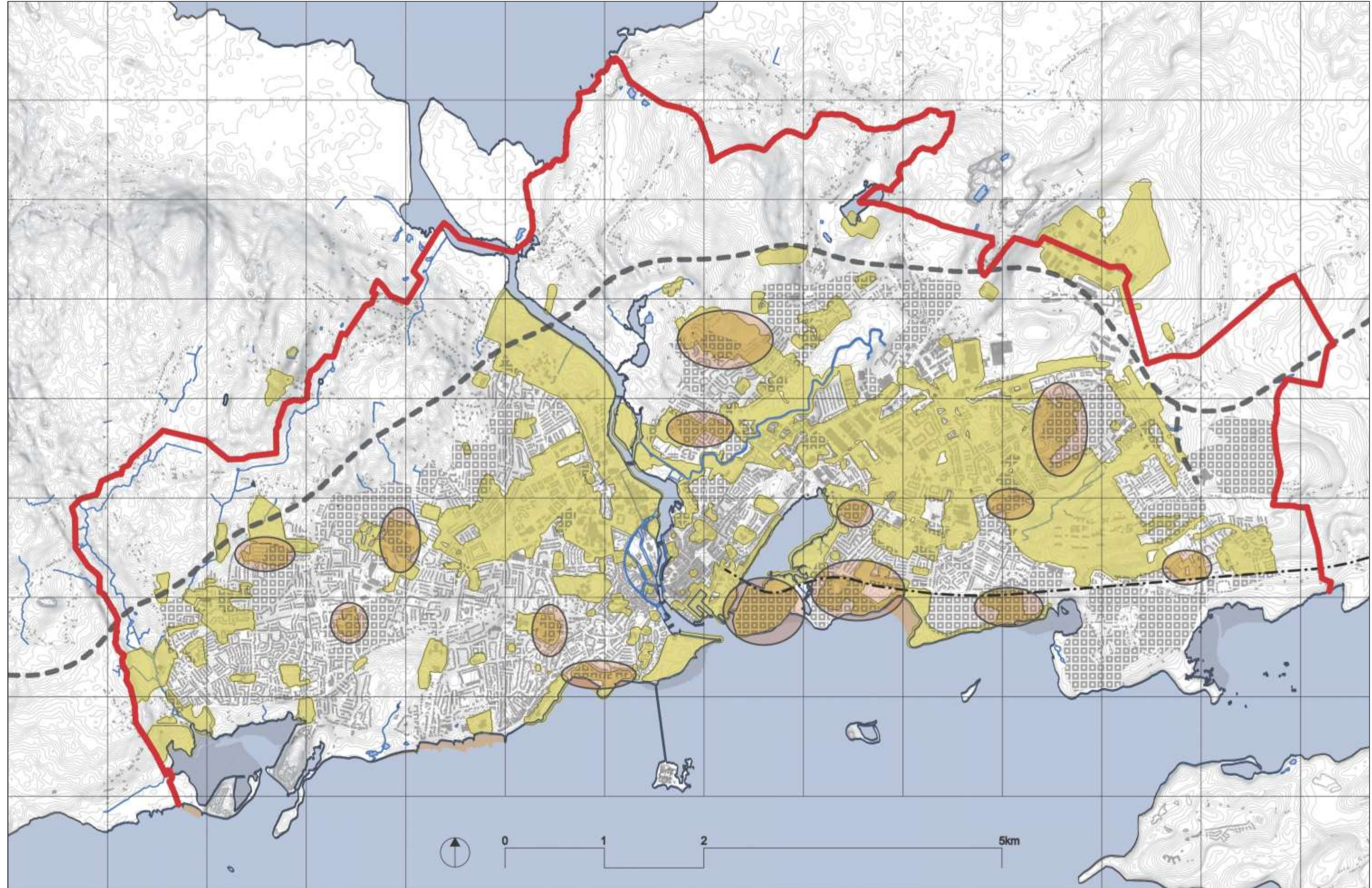
**135,000
Jobs**

**91,000
Dwellings**



DEVELOPMENT ENVELOPE

- Publicly Owned Lands
- Public Landbanks Available for Infill Development

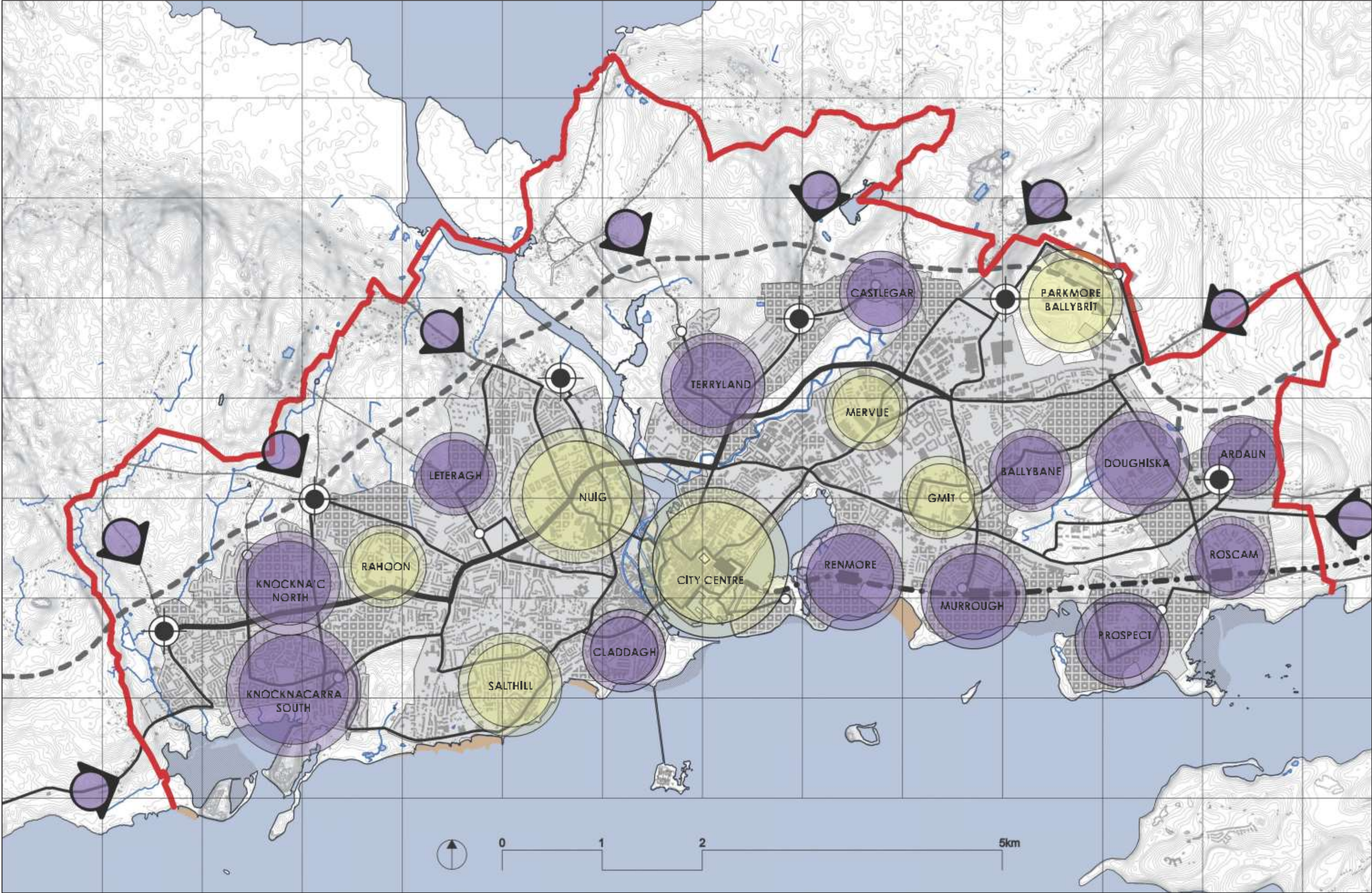







5 | PUBLIC TRANSPORT

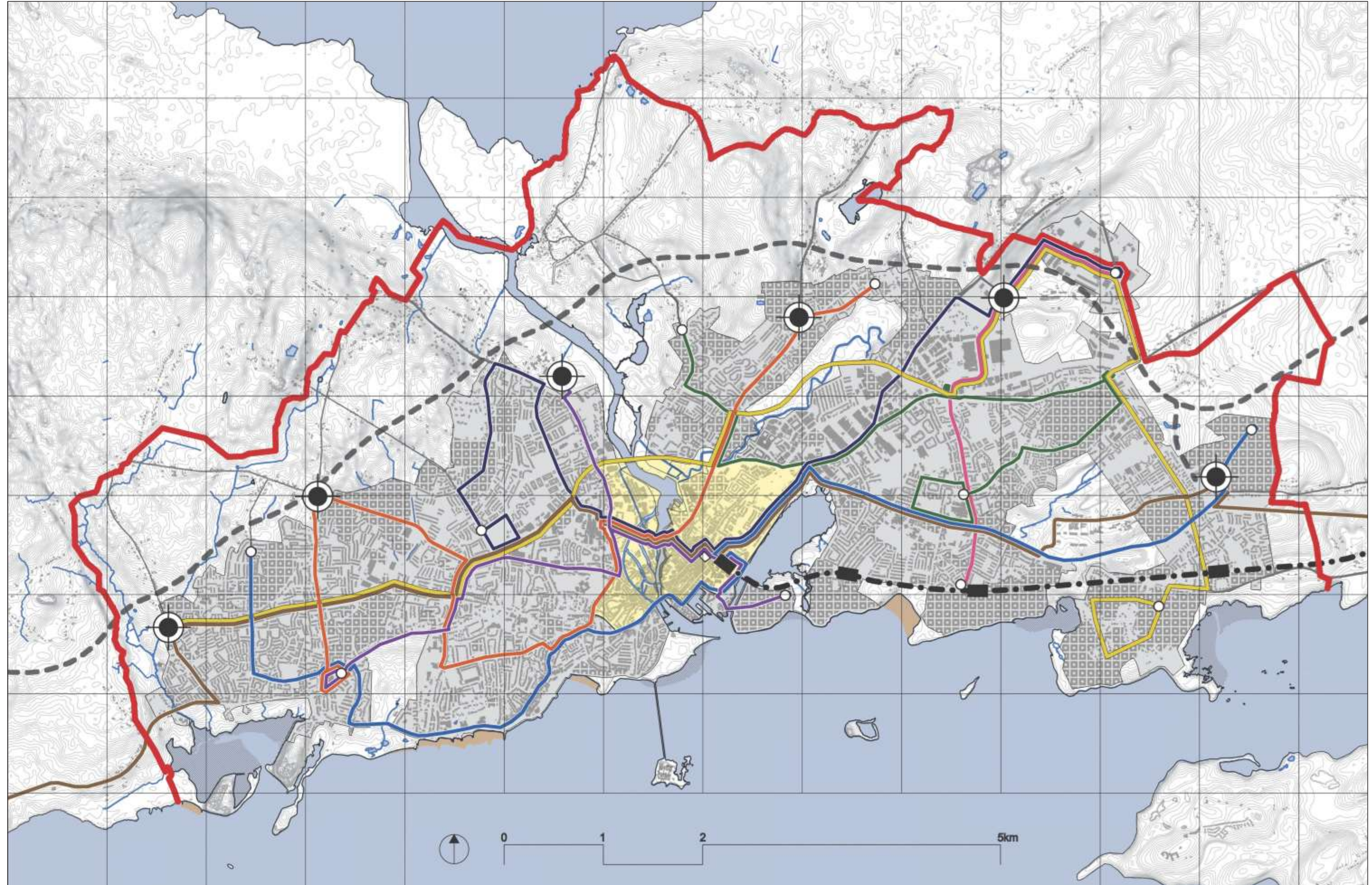
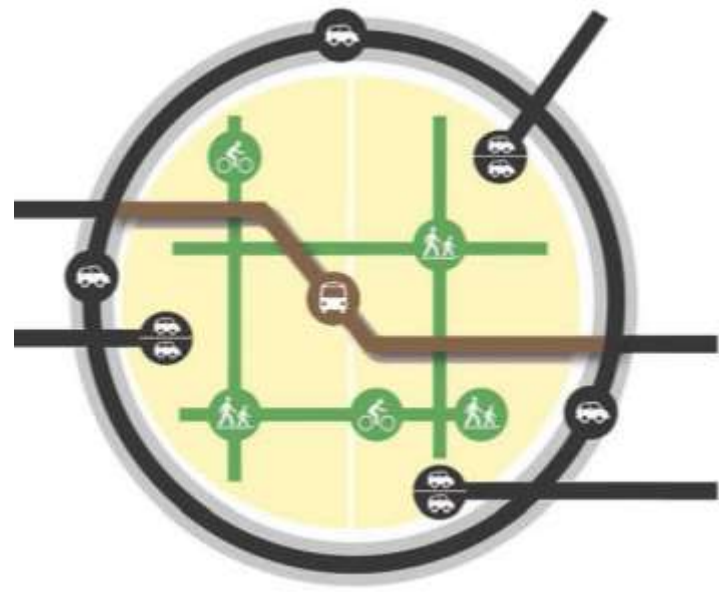
KEY MOVEMENTS

- Destination
- Origin









PUBLIC TRANSPORT NETWORK

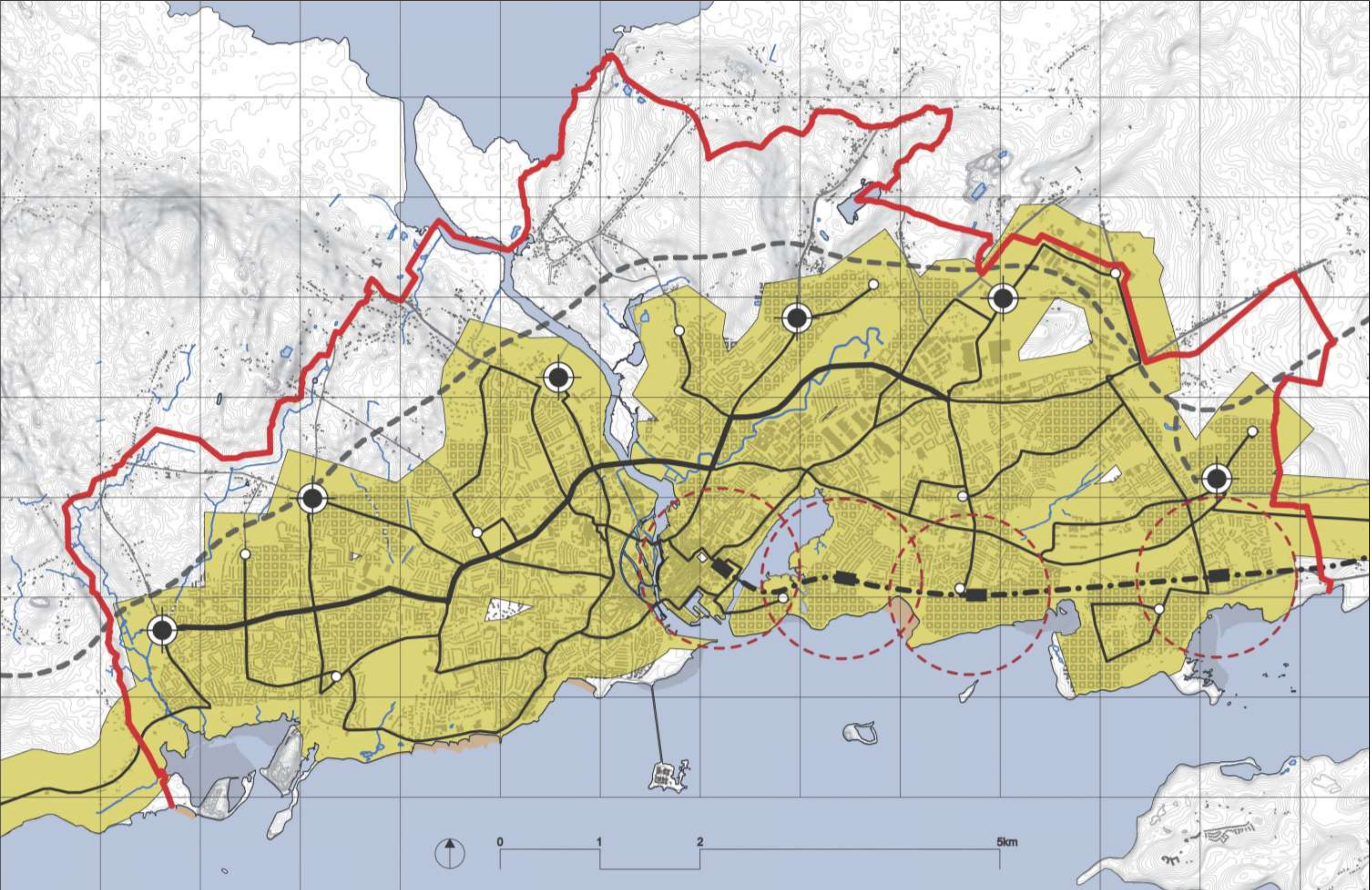
-  Car Screened Core Area
-  Park & Ride
-  Bus Route Terminus
-  Railways & Stations
-  N6 Orbital Route
-  Bus Route



PUBLIC TRANSPORT NETWORK

CATCHMENT AREA

-  Park & Ride
-  Bus Route Terminus
-  Railways & Stations
-  N6 Orbital Route
-  Bus Route
-  800m Radius - For Rail Station
-  400m Catchment Area For Buses

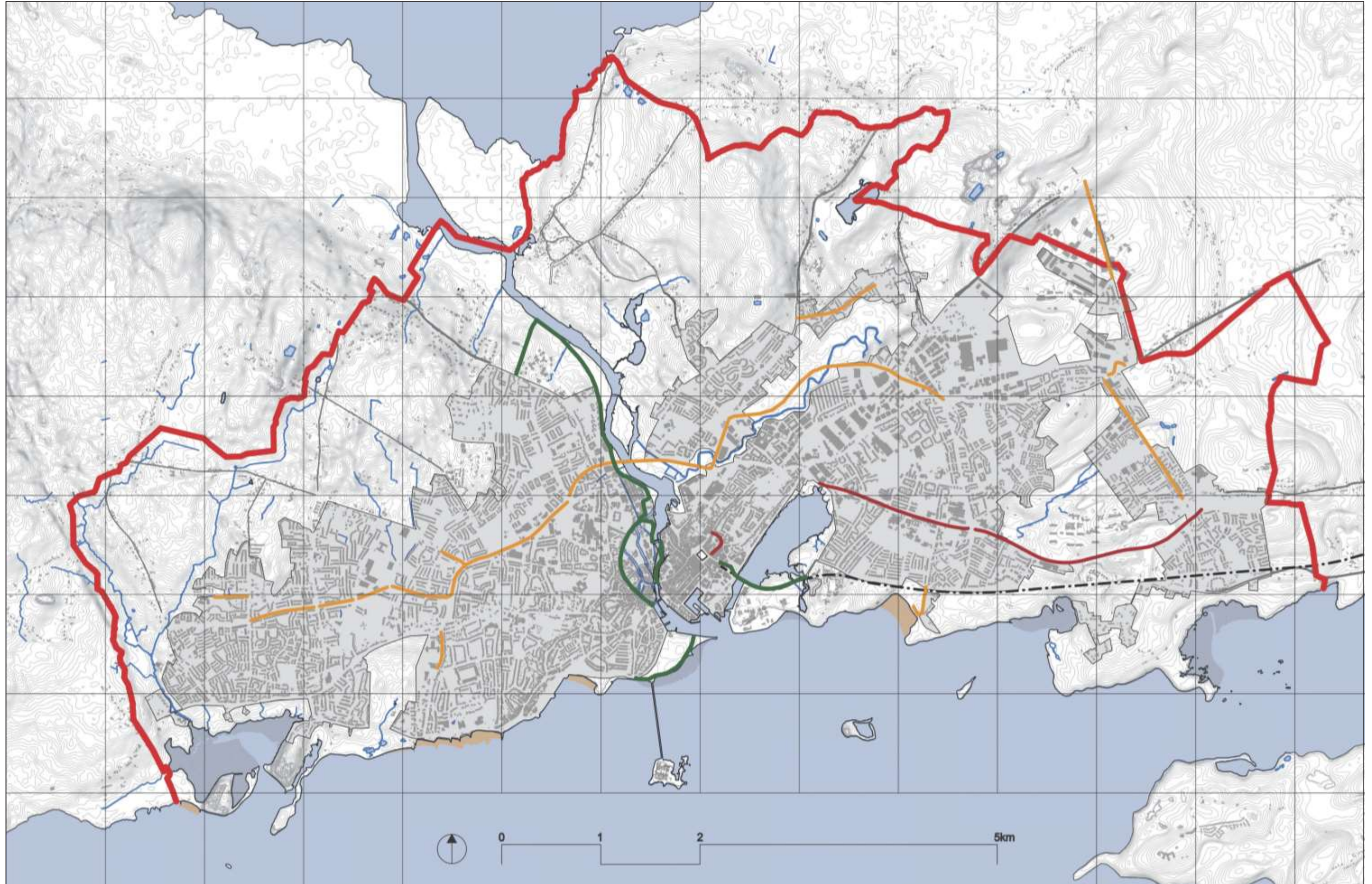




6 | ACTIVE TRANSPORT

EXISTING CYCLE NETWORK

-  Existing Greenway
-  Existing Cycle Lane
-  Existing Cycle & Bus Lane



PUBLIC TRANSPORT AND PRIMARY CYCLE NETWORKS

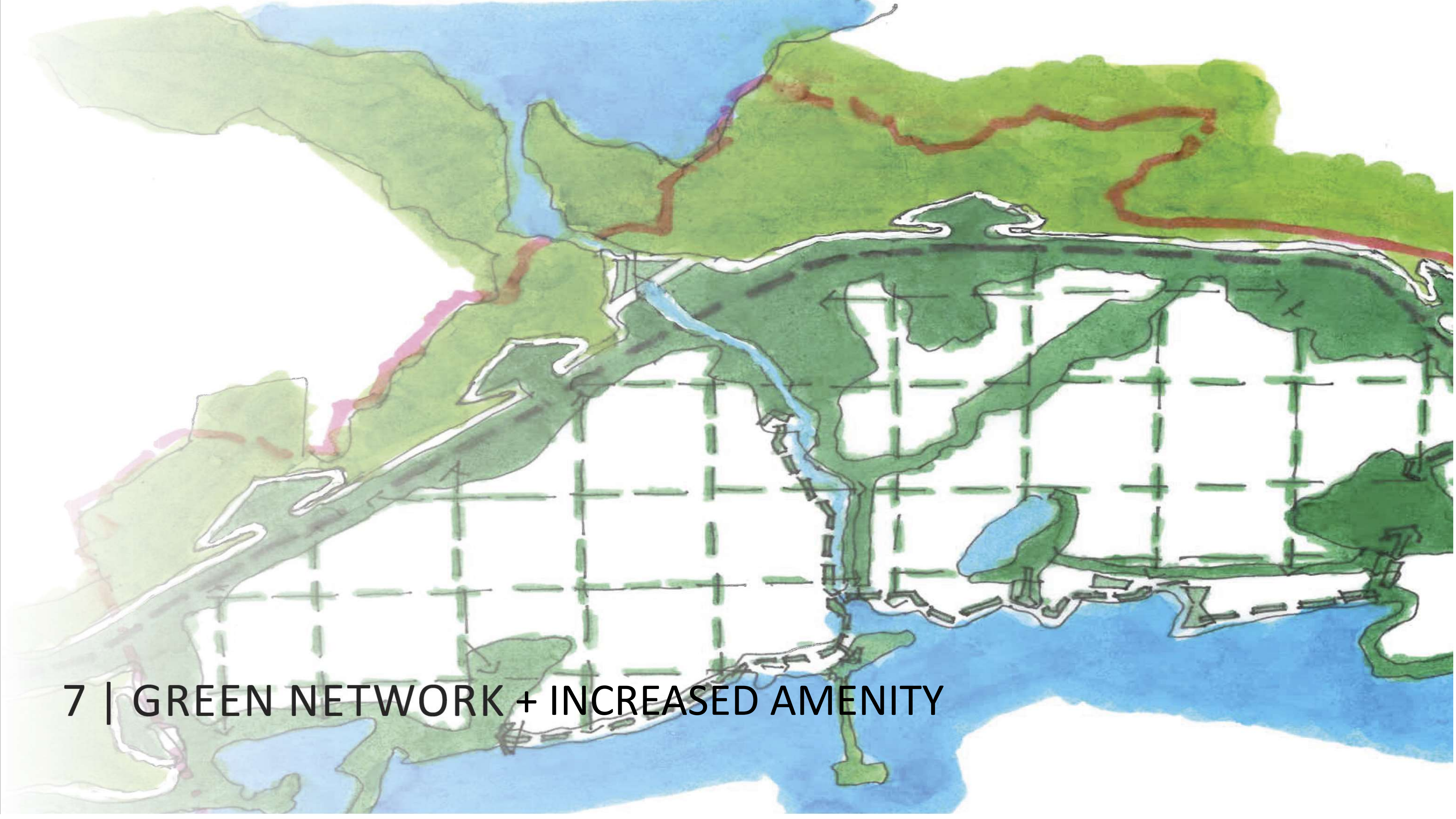
-  Car Screened Core Area
-  Park & Ride
-  Bus Route Terminus
-  Railways & Stations
-  N6 Orbital Route
-  Bus Route
-  Primary Cycle Network



ACTIVE TRANSPORT NETWORK

-  Car Screened Core Area
-  Park & Ride
-  Bus Route Terminus
-  Railways & Stations
-  N6 Orbital Route
-  Bus Route
-  Segregated Cycleway
-  Greenway
-  Shared Surface - Cyclist Priority

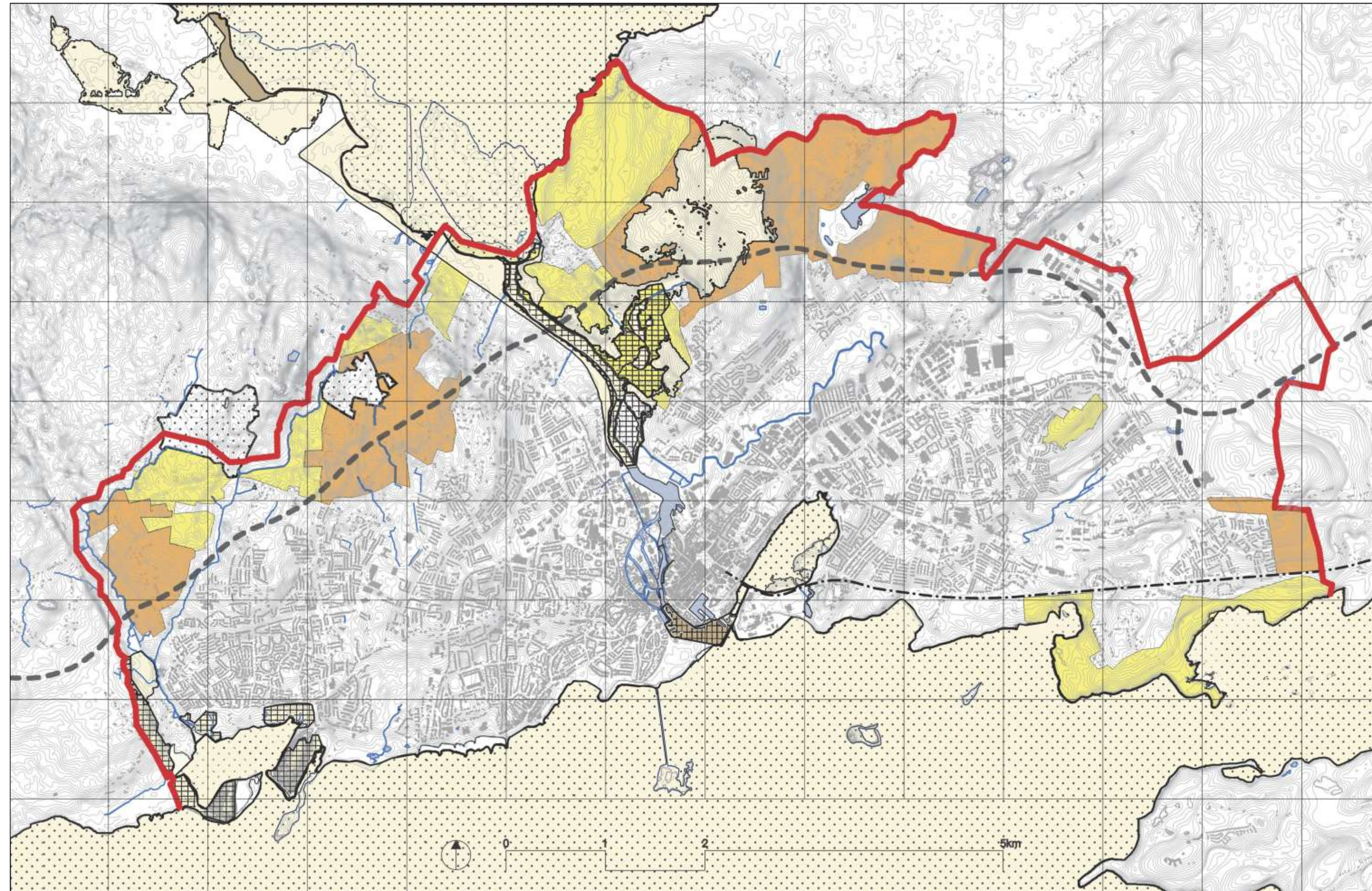




7 | GREEN NETWORK + INCREASED AMENITY

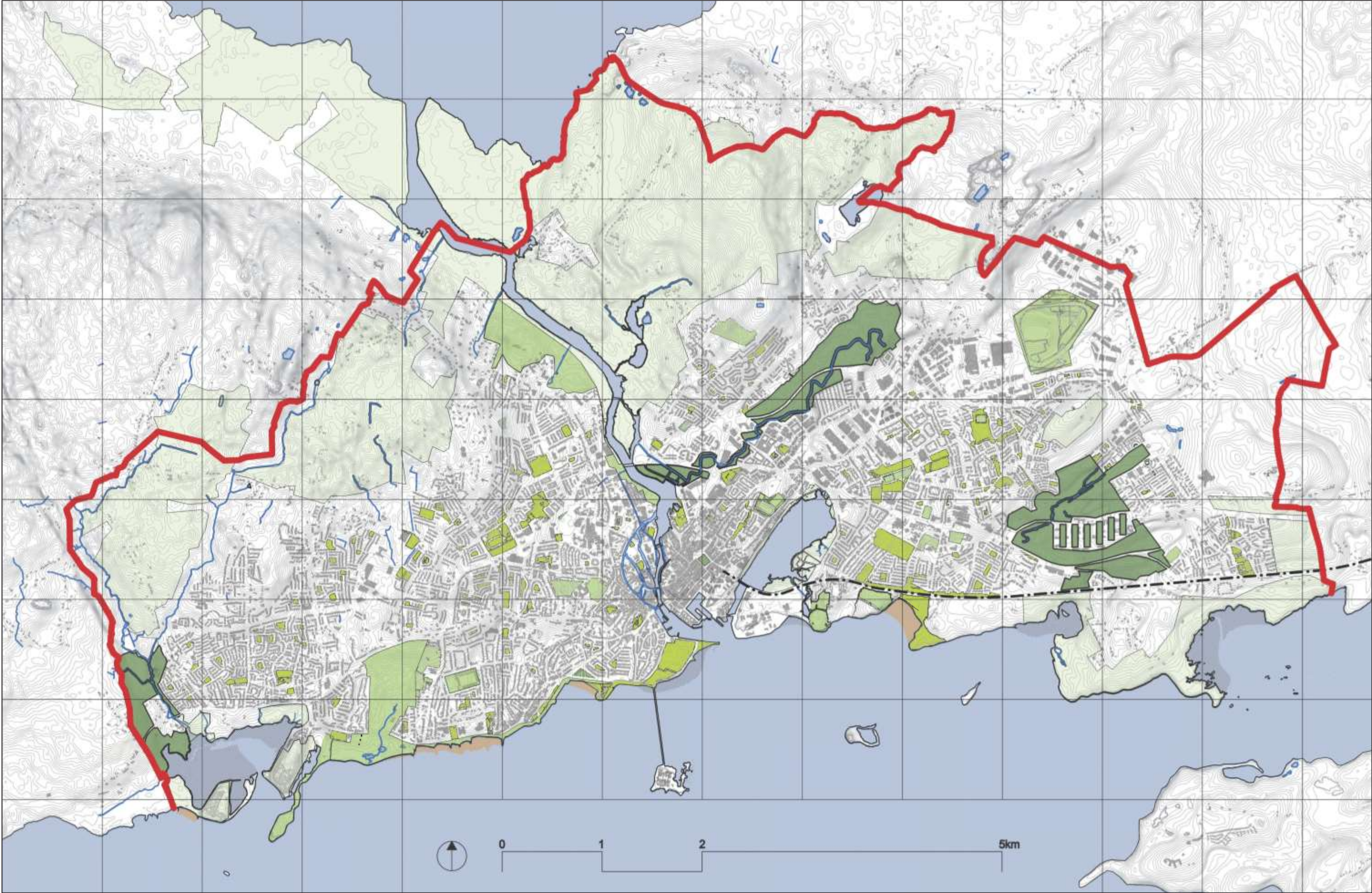
LANDSCAPE CHARACTER

-  SPECIAL PROTECTION AREA
-  SPECIAL AREA OF CONSERVATION
-  HIGH AMENITY LANDS
-  PROPOSED NATIONAL HERITAGE AREA
-  NATIONAL HERITAGE AREA
-  AGRICULTURAL LANDS



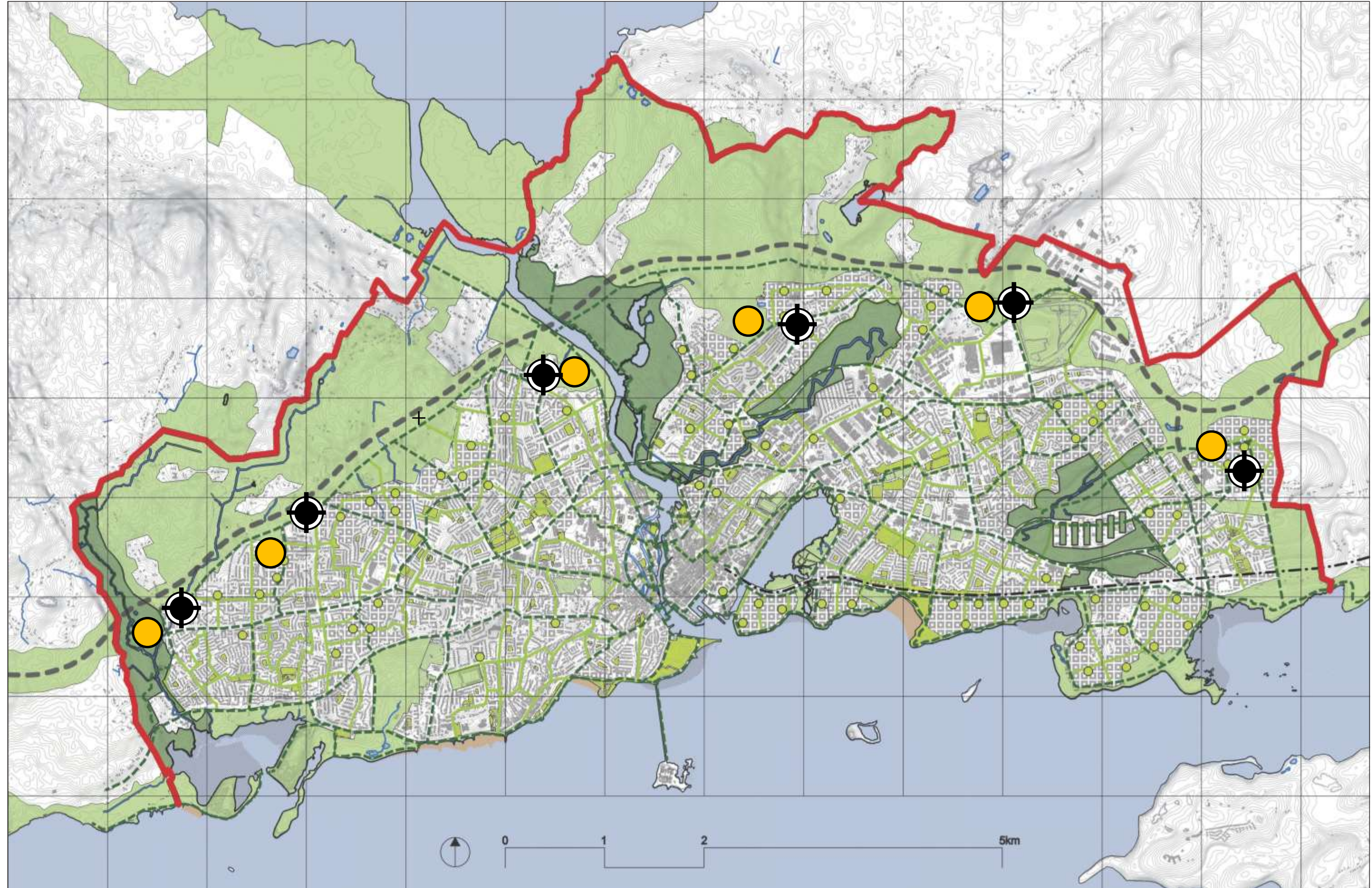
EXISTING GREEN NETWORK

- Existing City Parks
- Existing Local Parks
- Existing Recreational Open Space
- Protected Areas



GREEN NETWORK, PARK + RIDE AND PERIMETER RECREATION FACILITIES

- Extended City Parks
- Local Parks
- Extended Recreational Open Space
- New Local Parks
- Green Streets
- New Perimeter Recreational Spaces
- New Park & Ride Locations

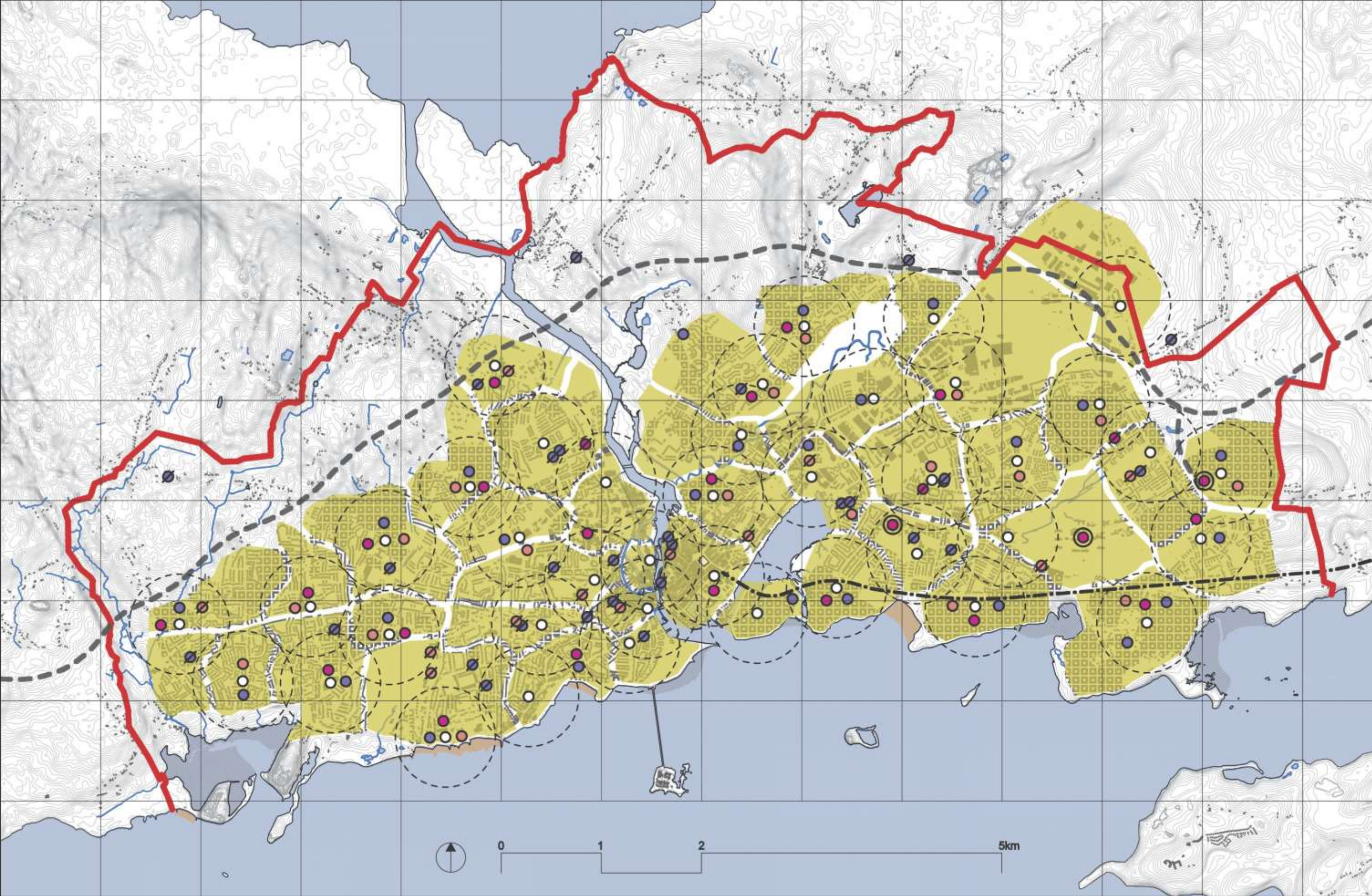




8 | NEIGHBOURHOODS, DISTRICTS AND CITY CENTRE

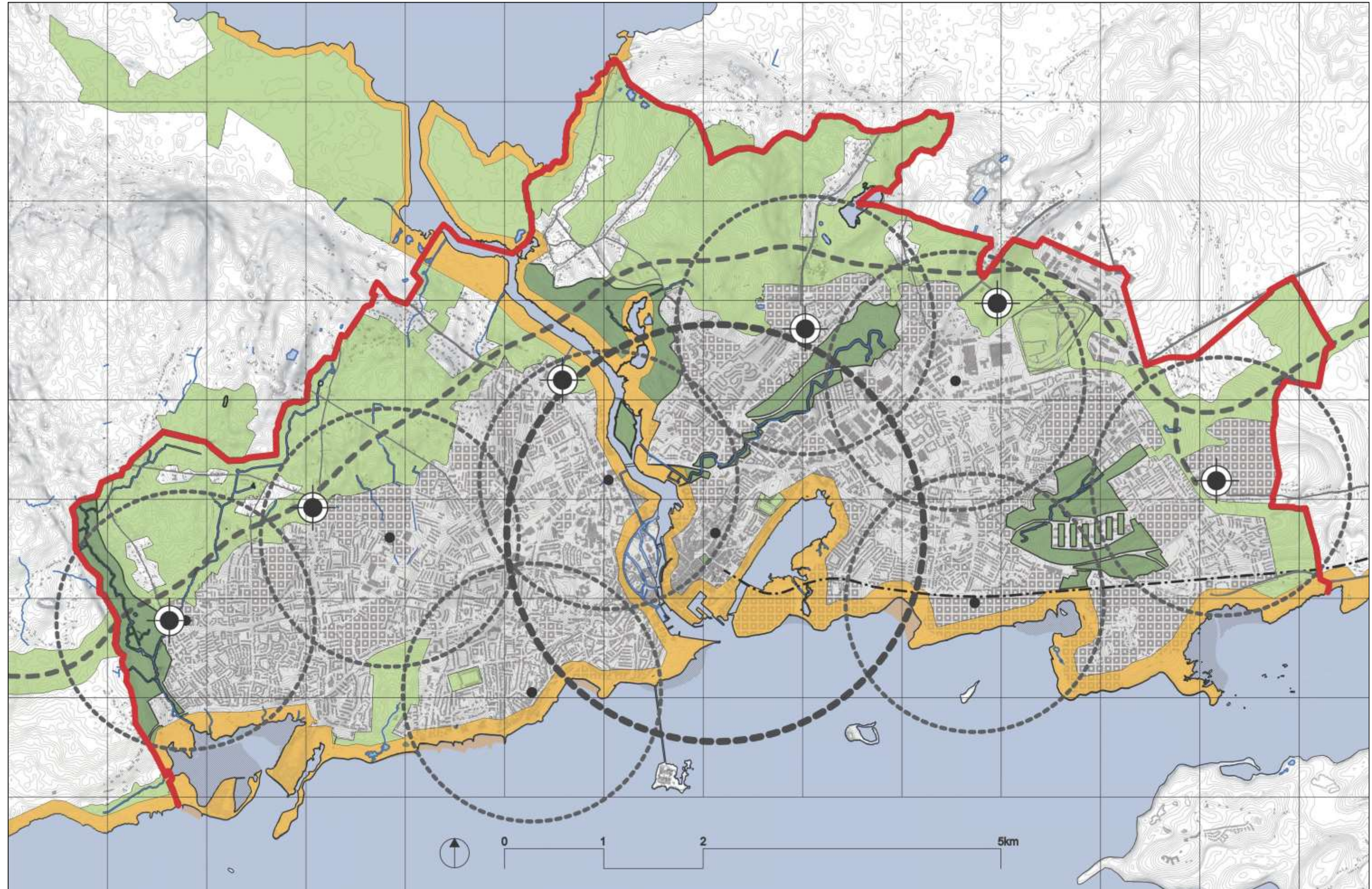
FUTURE CHARACTER AREAS WITH SCHOOLS AND HEALTH FACILITIES

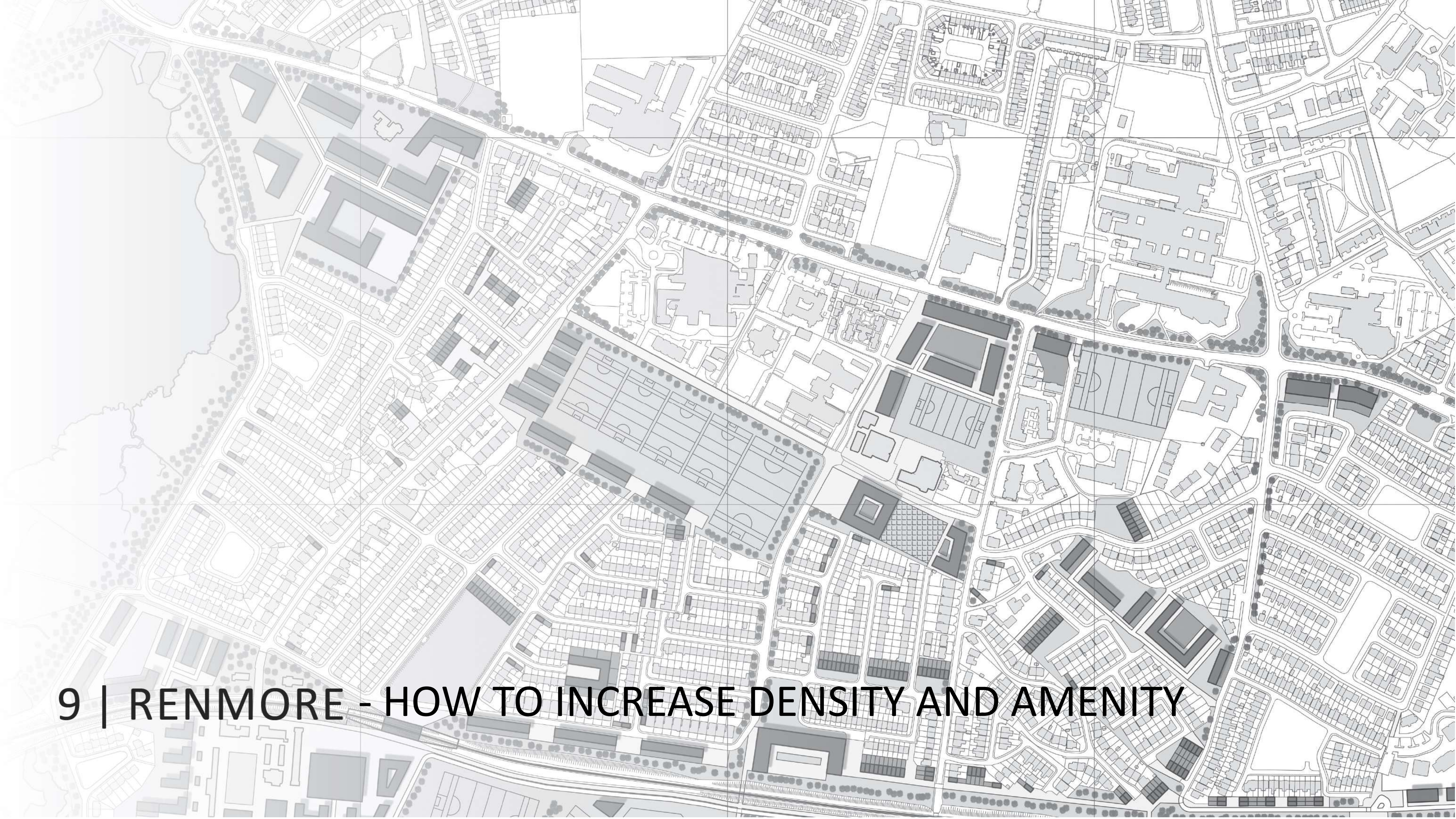
- Existing Primary School
- Existing Post-Primary School
- Existing Primary Care Centre
- Hospital
- Potential Primary School Location
- Potential Post - Primary School Location
- Potential Primary Care Centre Location



CORE AND DISTRICTS

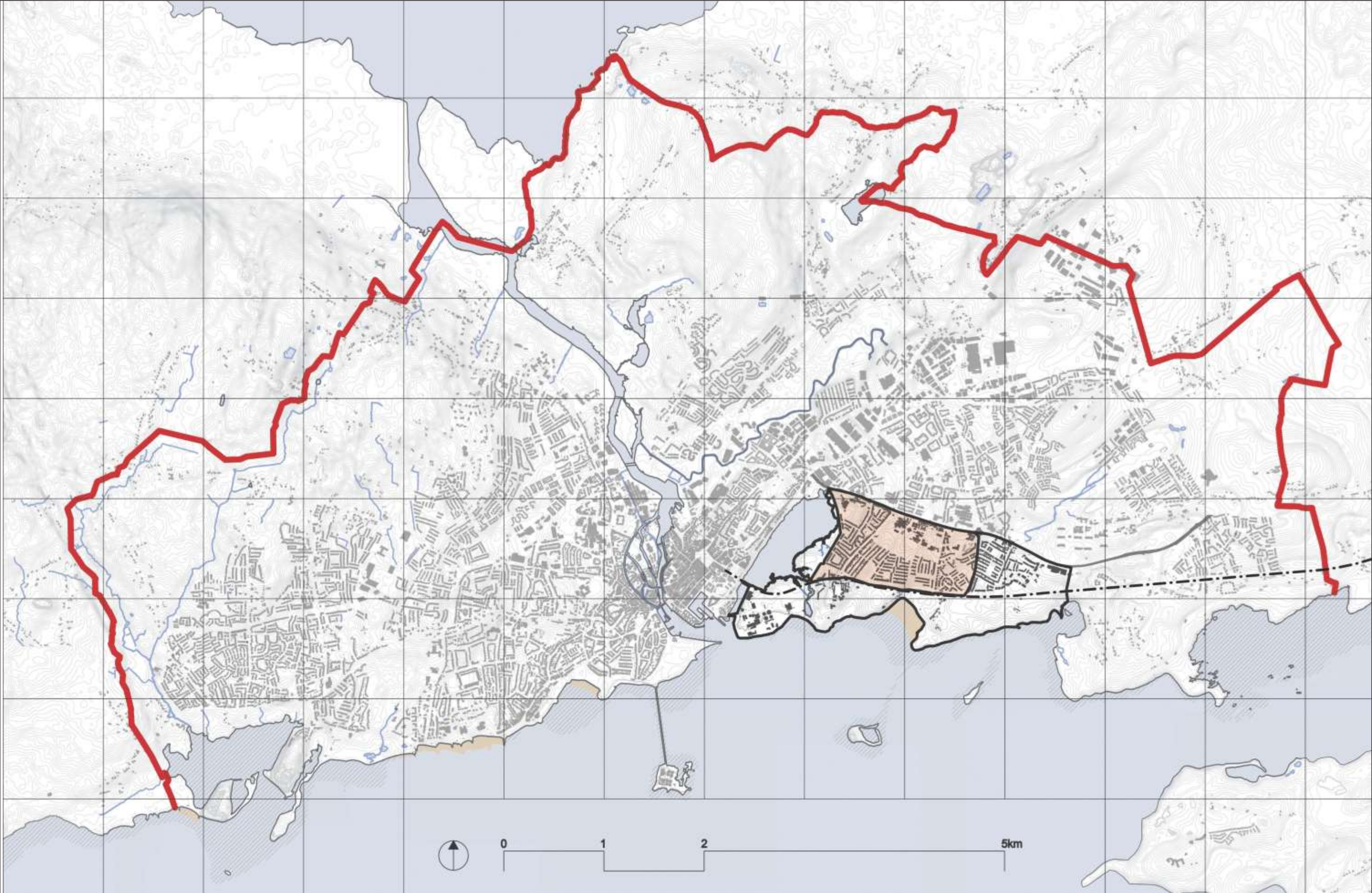
-  Core Catchment
-  District Catchment
-  Park & Ride Location





9 | RENMORE - HOW TO INCREASE DENSITY AND AMENITY

CITY CONTEXT



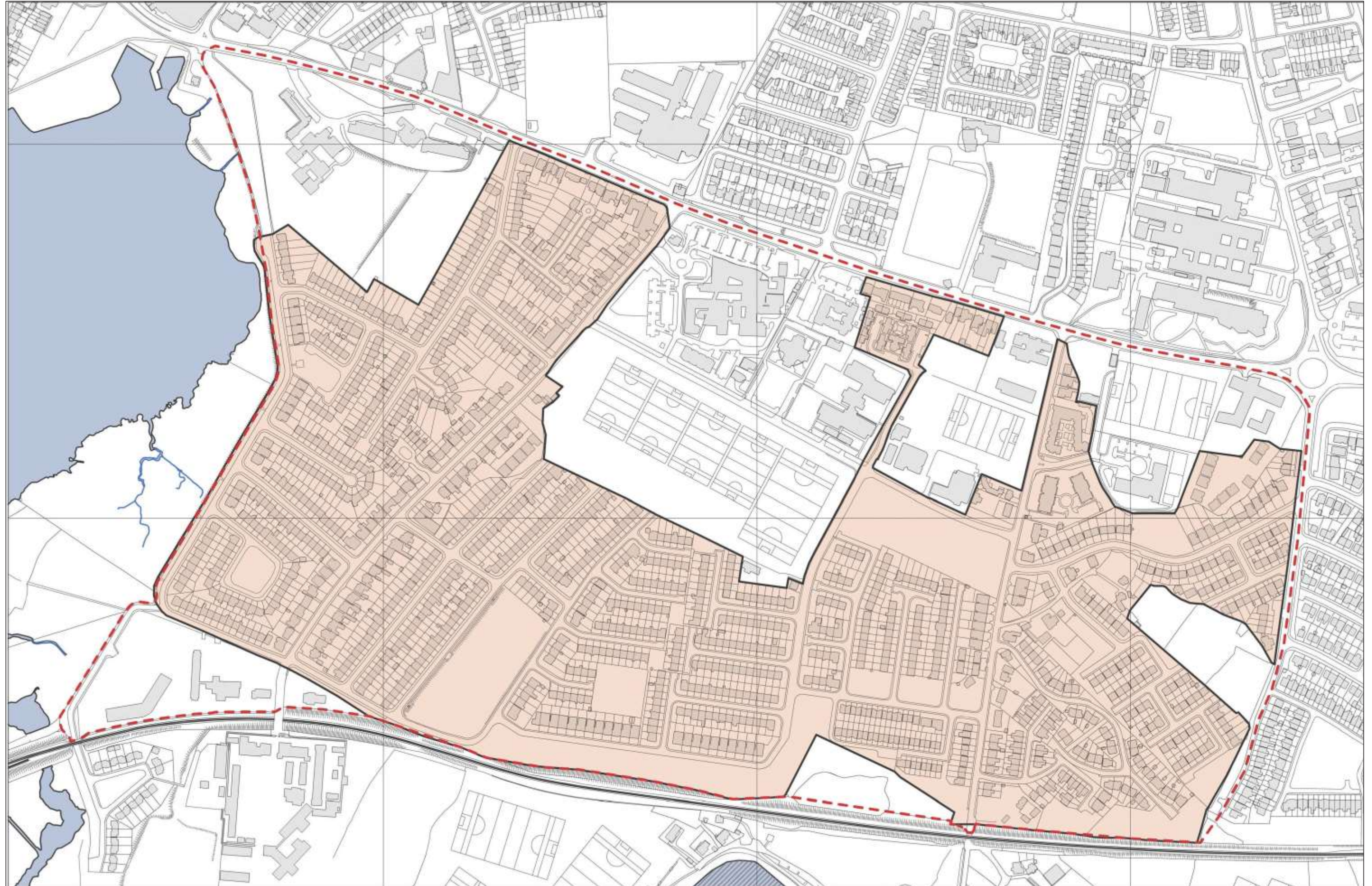
DEVELOPMENT ENVELOPE

70 HA NET RESIDENTIAL
ENVELOPE

1,195 DWELLINGS

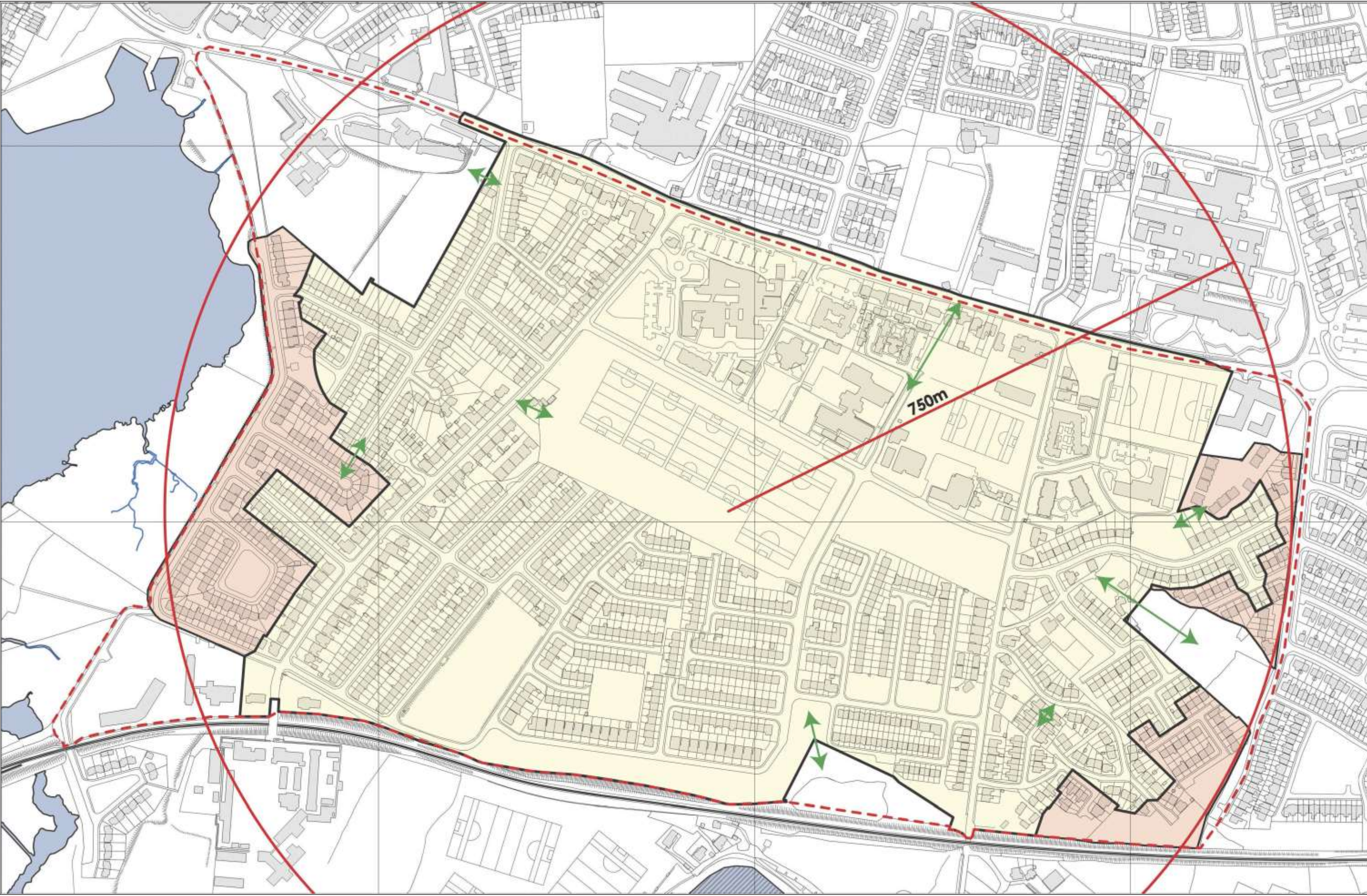
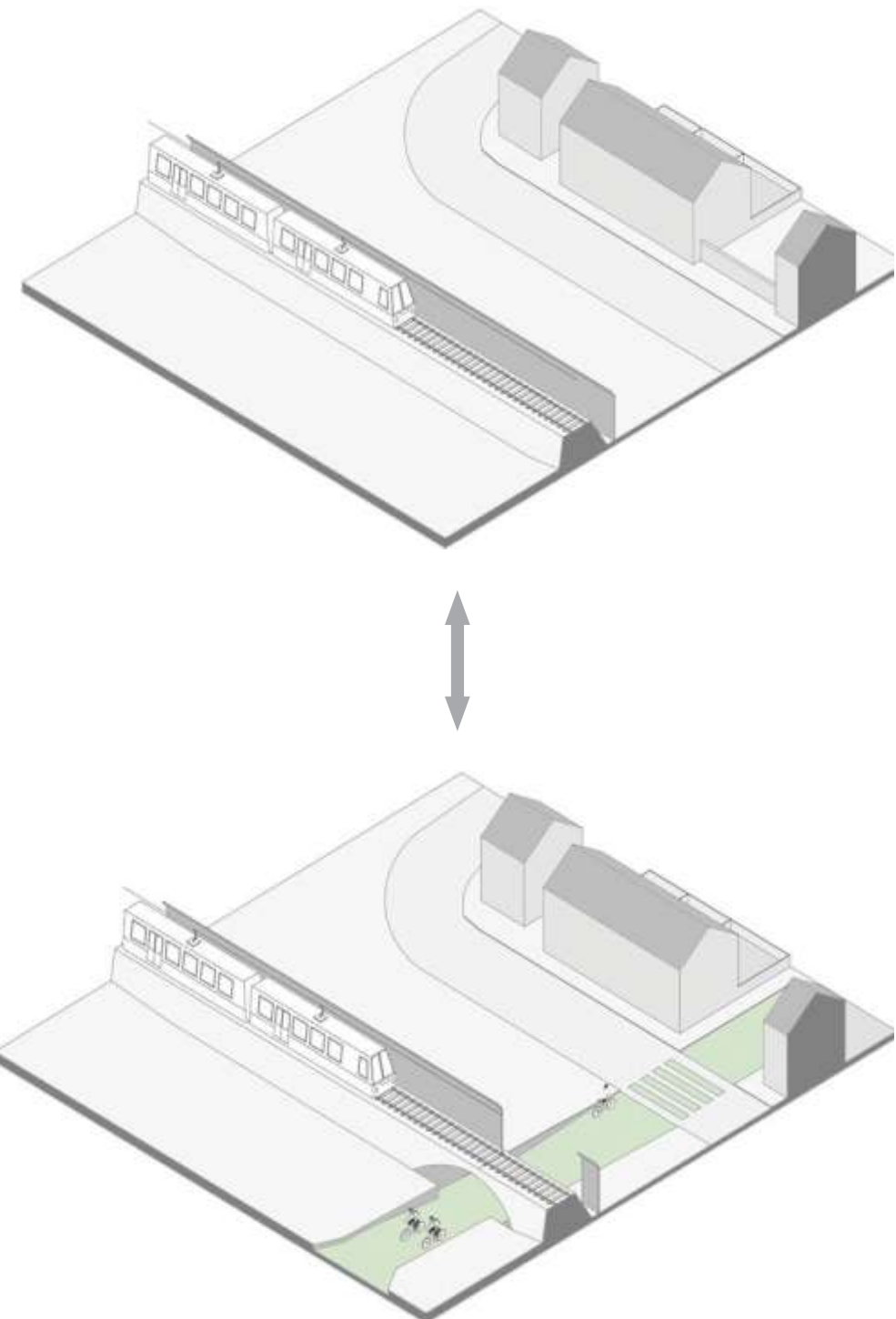
2,921 PEOPLE

17 DPH DENSITY



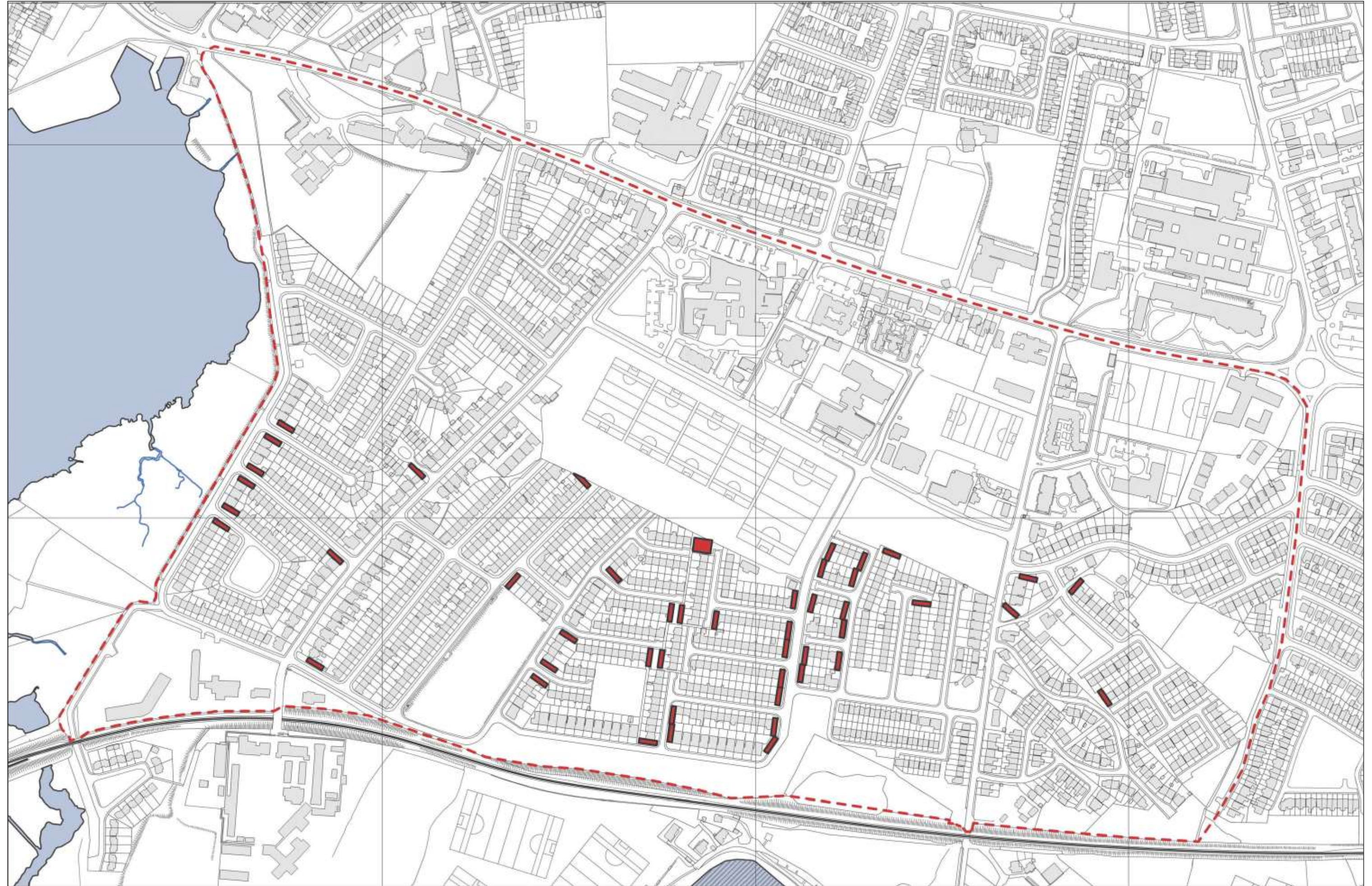
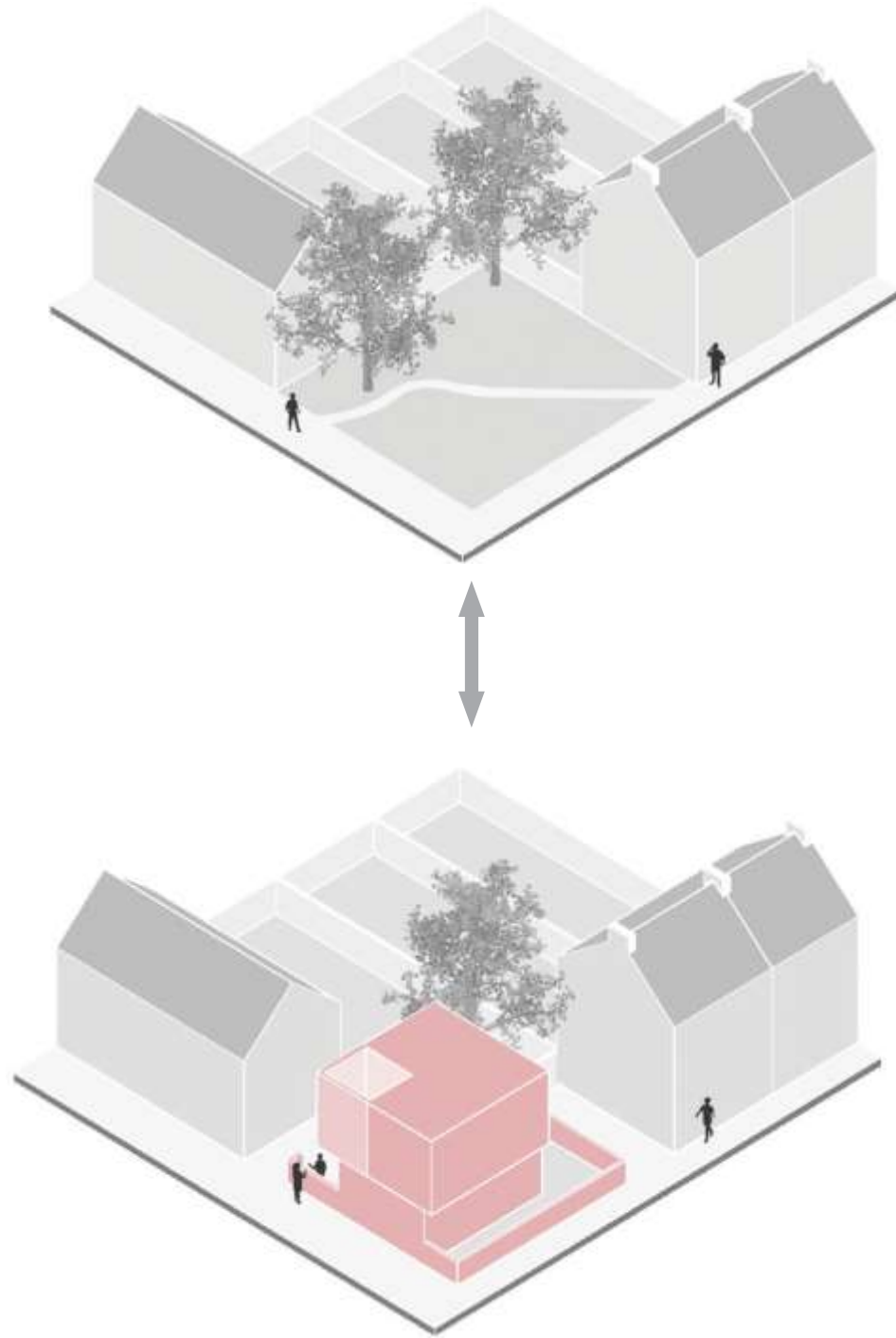
ACCESS & PERMEABILITY

+39 DWELLINGS



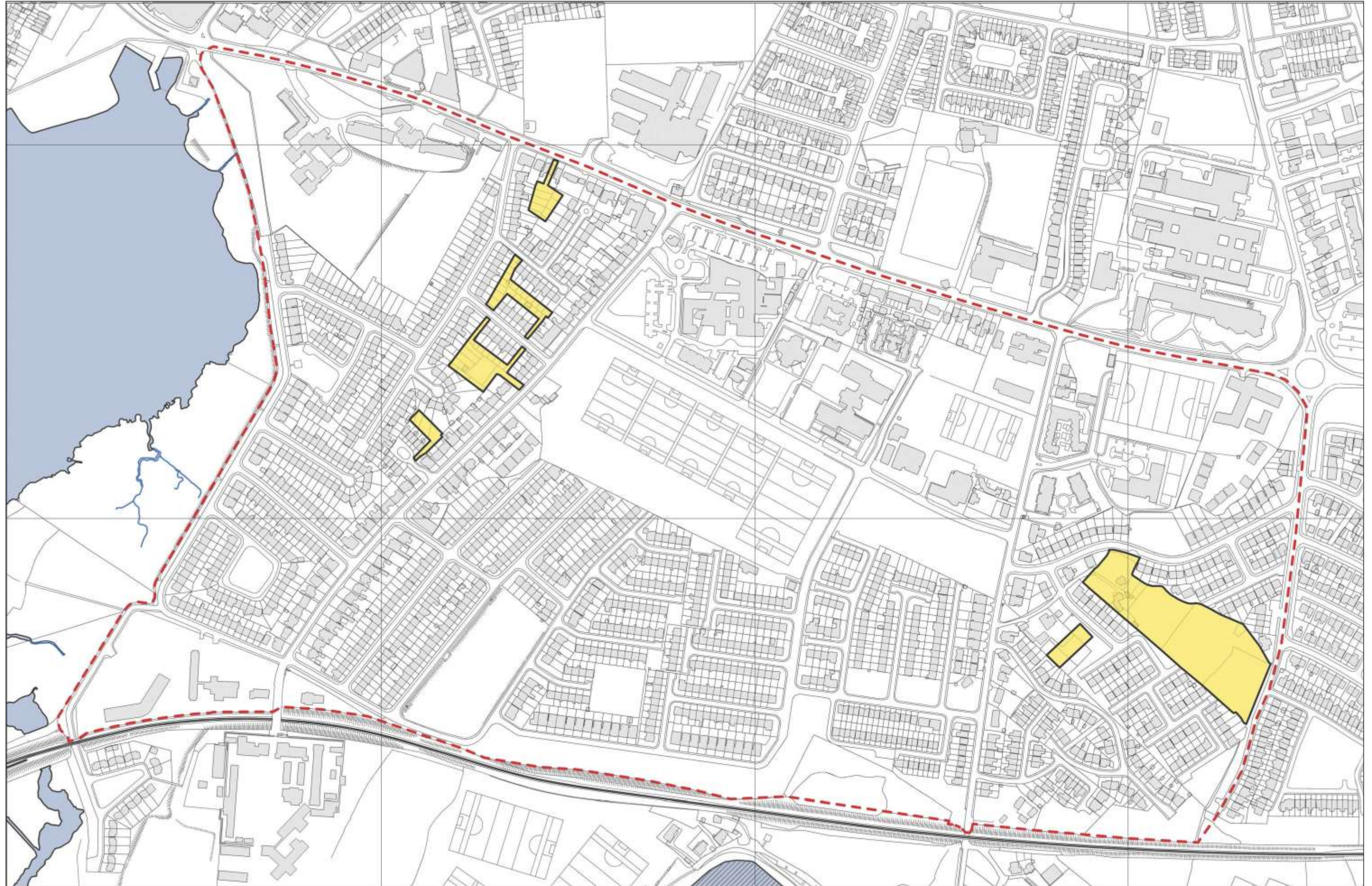
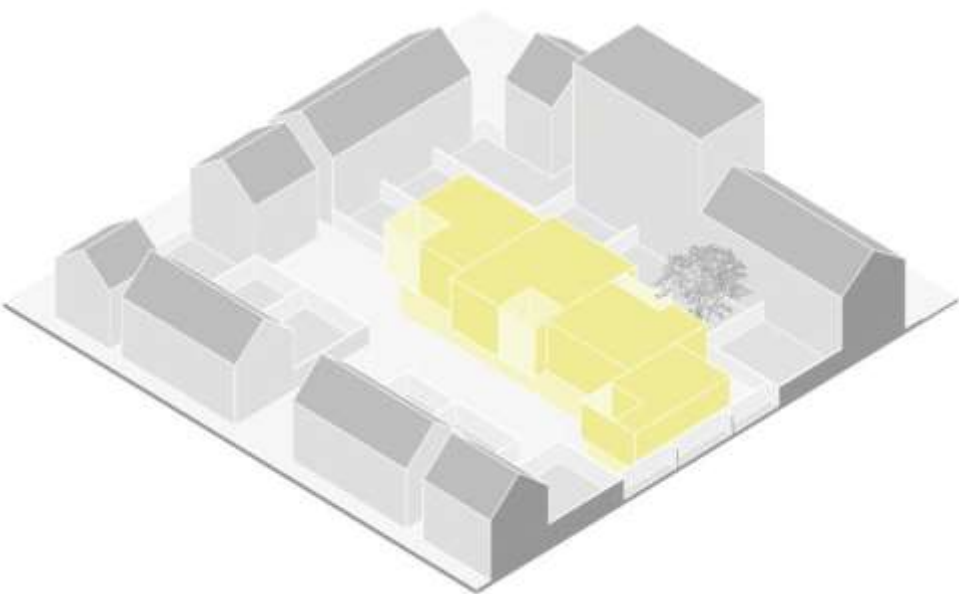
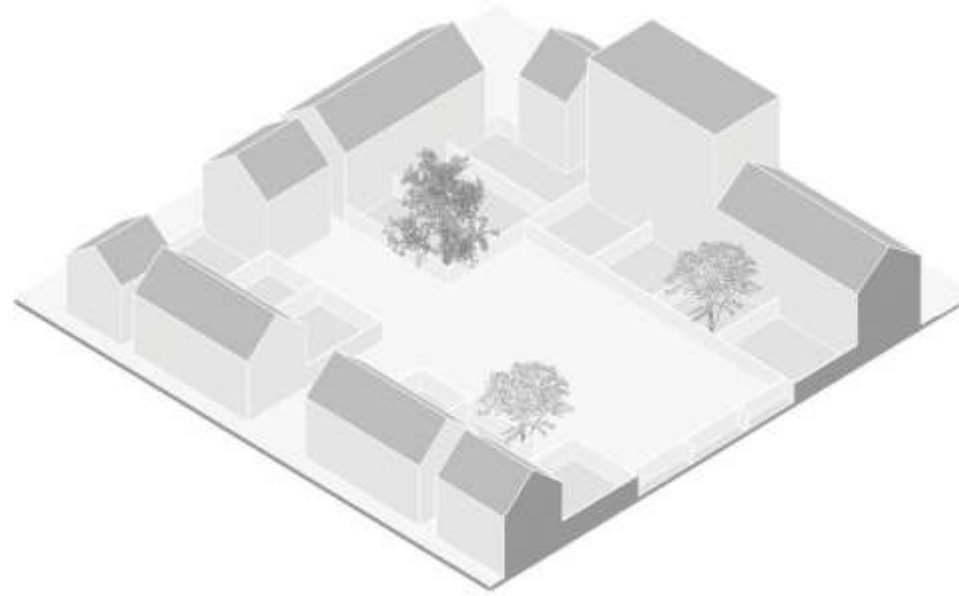
CORNER SITES

+49 DWELLINGS



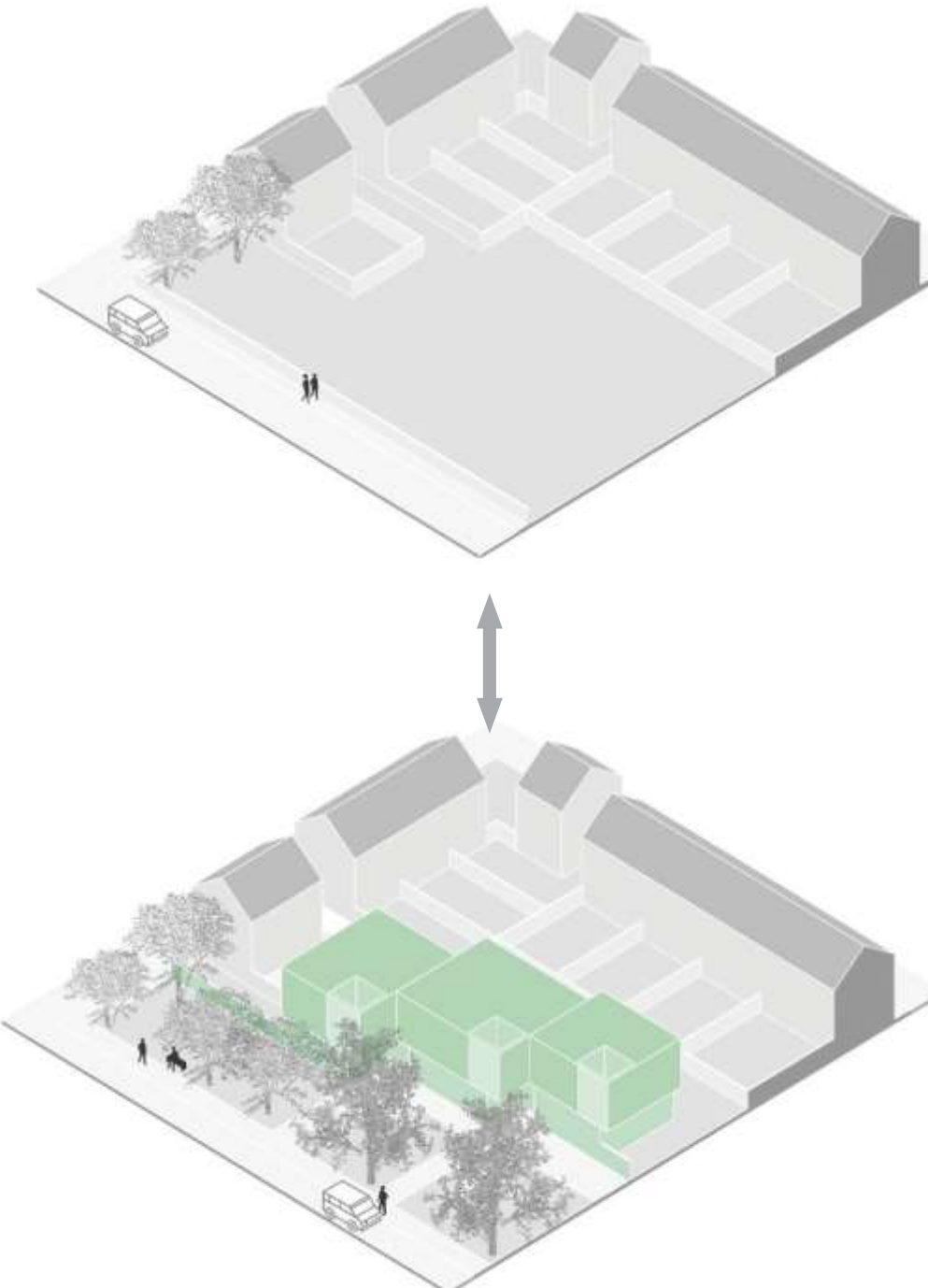
BACKLAND DEVELOPMENT

+177 DWELLINGS



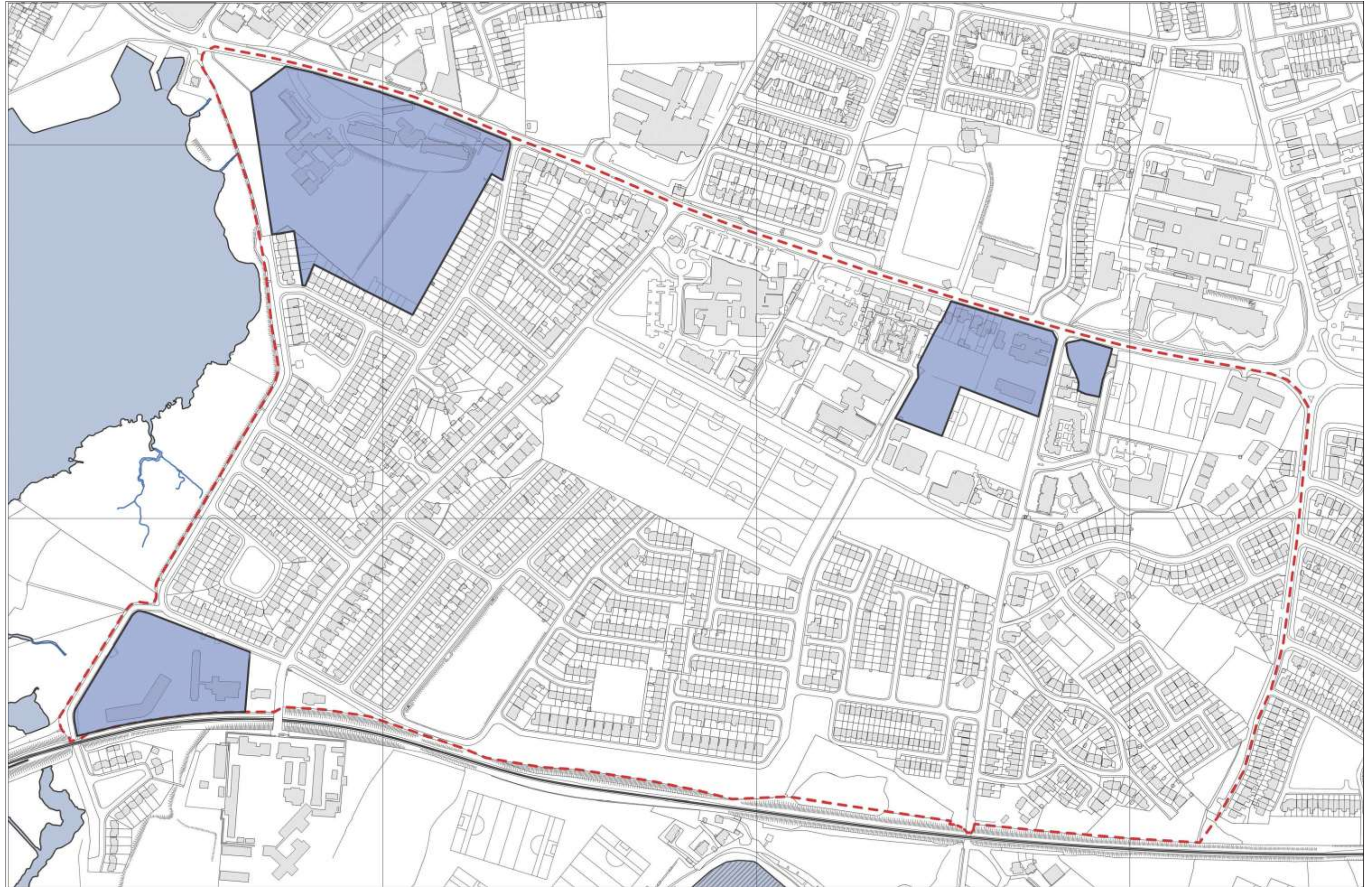
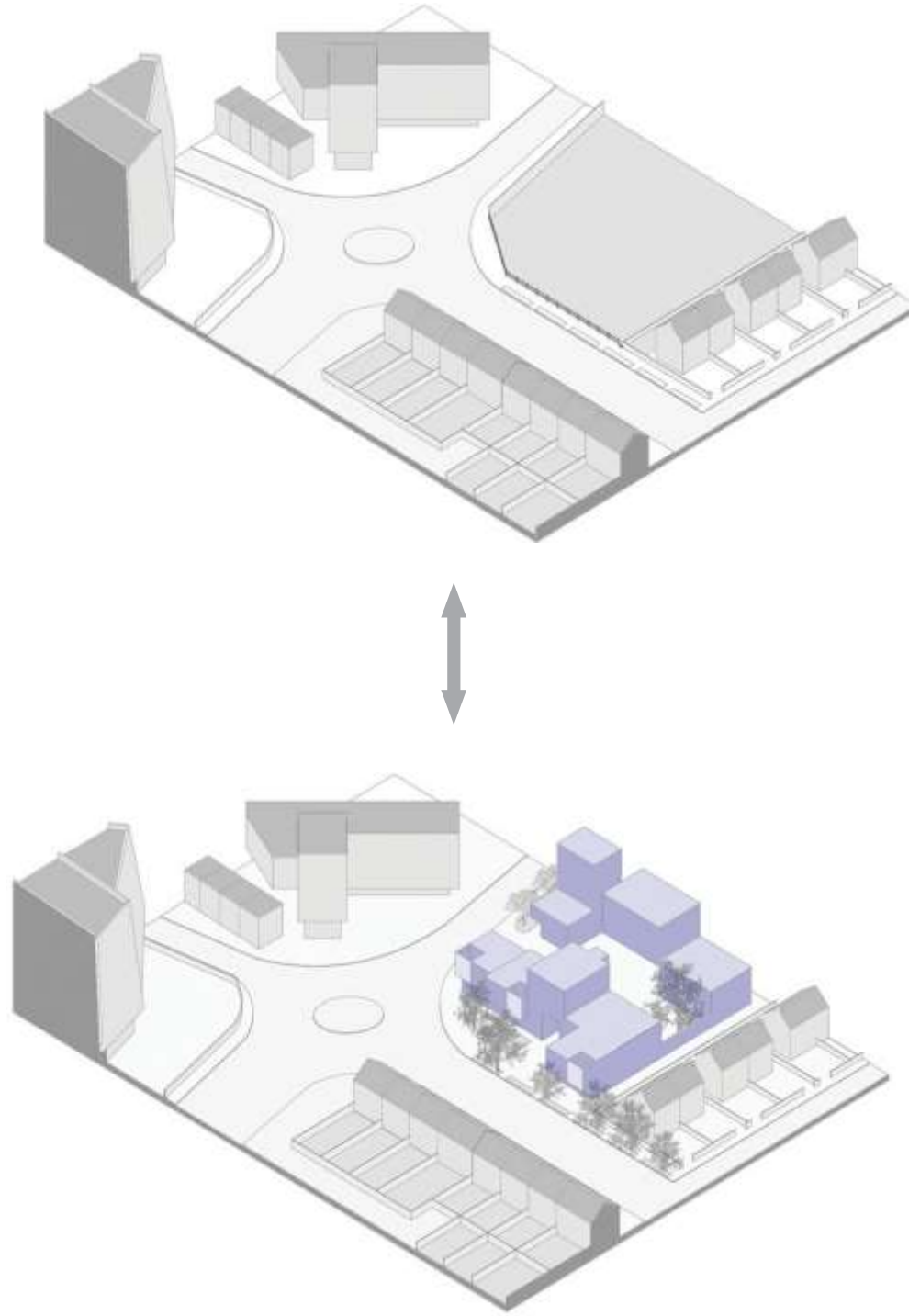
GREEN EDGE

+343 DWELLINGS



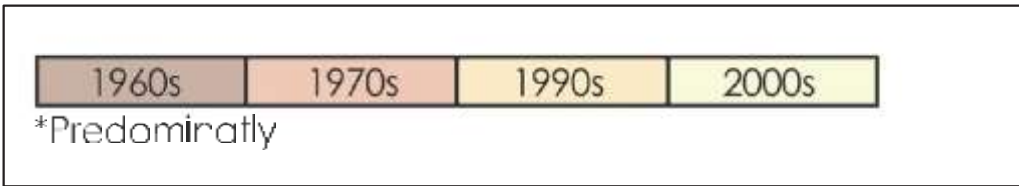
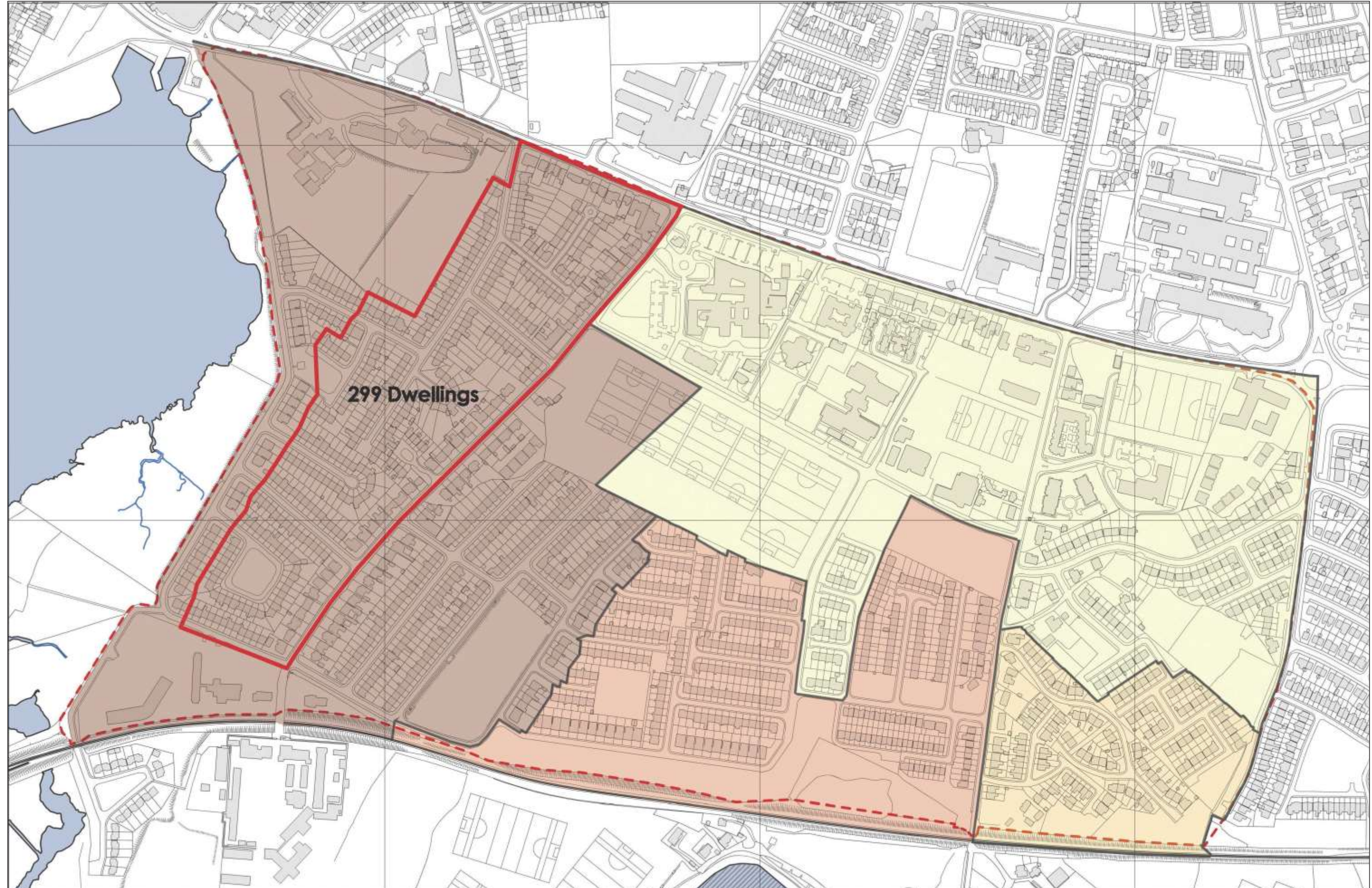
INFILL DEVELOPMENT

+864 DWELLINGS



OBSOLESCENCE AND REDEVELOPMENT

+608 DWELLINGS



RENMORE 2070

INCREASED DENSITY AND AMENITY

95 HA NEW NET RESIDENTIAL ENVELOPE

1,195 TO 3,242 DWELLINGS

2,868 TO 7,780 POPULATION

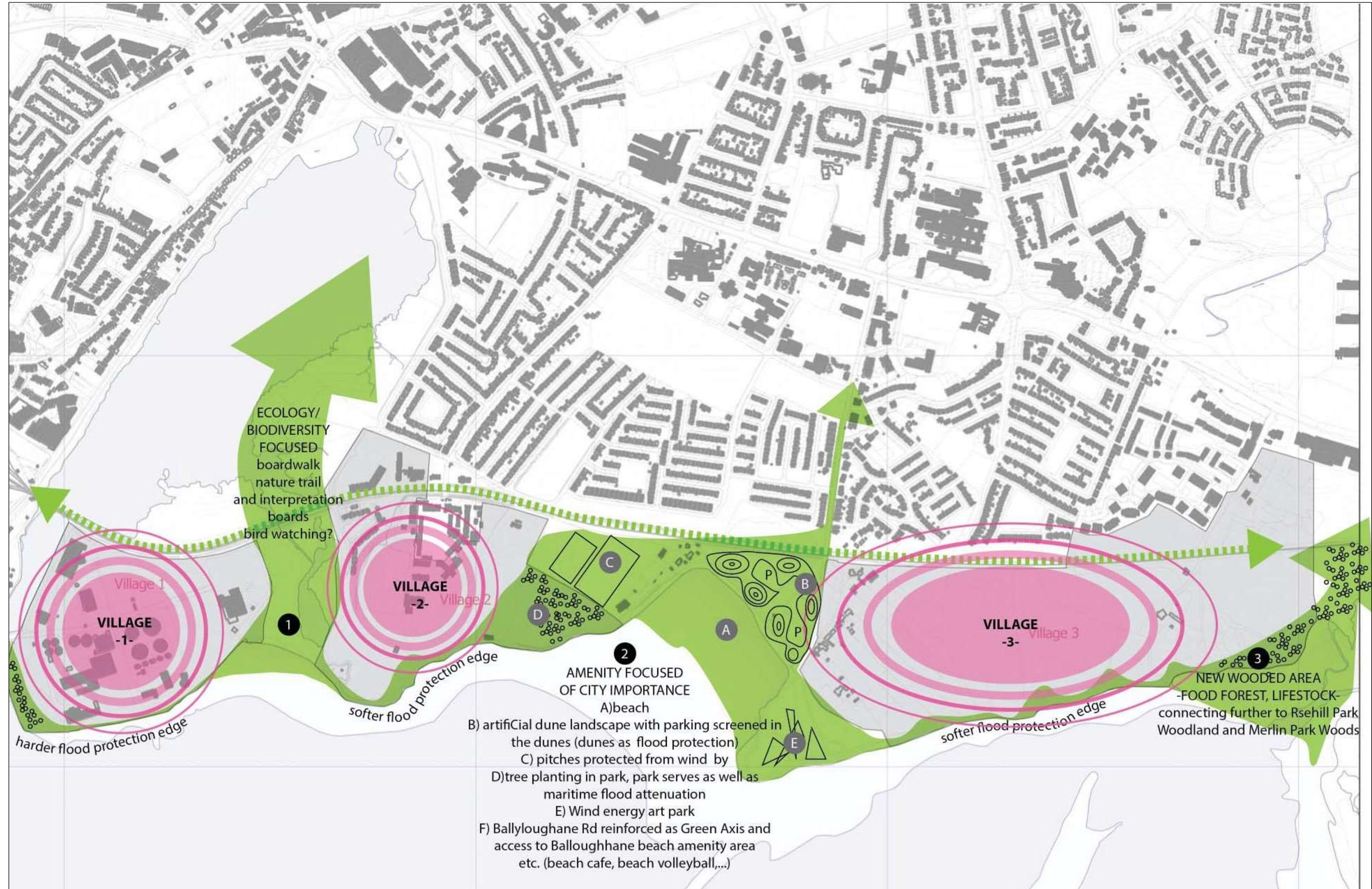
17-34 DPH NET DENSITY





10 | RENMORE, MURROUGH + COASTAL NEIGHBOURHOODS

COASTAL NEIGHBOURHOODS CONCEPT



RENMORE, MURROUGH + COASTAL NEIGHBOURHOODS



DOCKLANDS AND BARRACKS NEIGHBOURHOODS



MURROUGH, DOCKLANDS AND BARRACKS COASTAL NEIGHBOURHOODS



COASTAL NEIGHBOURHOODS



COASTAL NEIGHBOURHOODS, RENMORE + CITY CENTRE





11 | GALWAY INNER CITY

EXISTING CITY CENTRE

GOOD USE MIX WITH VIBRANT
TOURISM OFFER

NEED TO REVIVE CULTURAL
OFFER

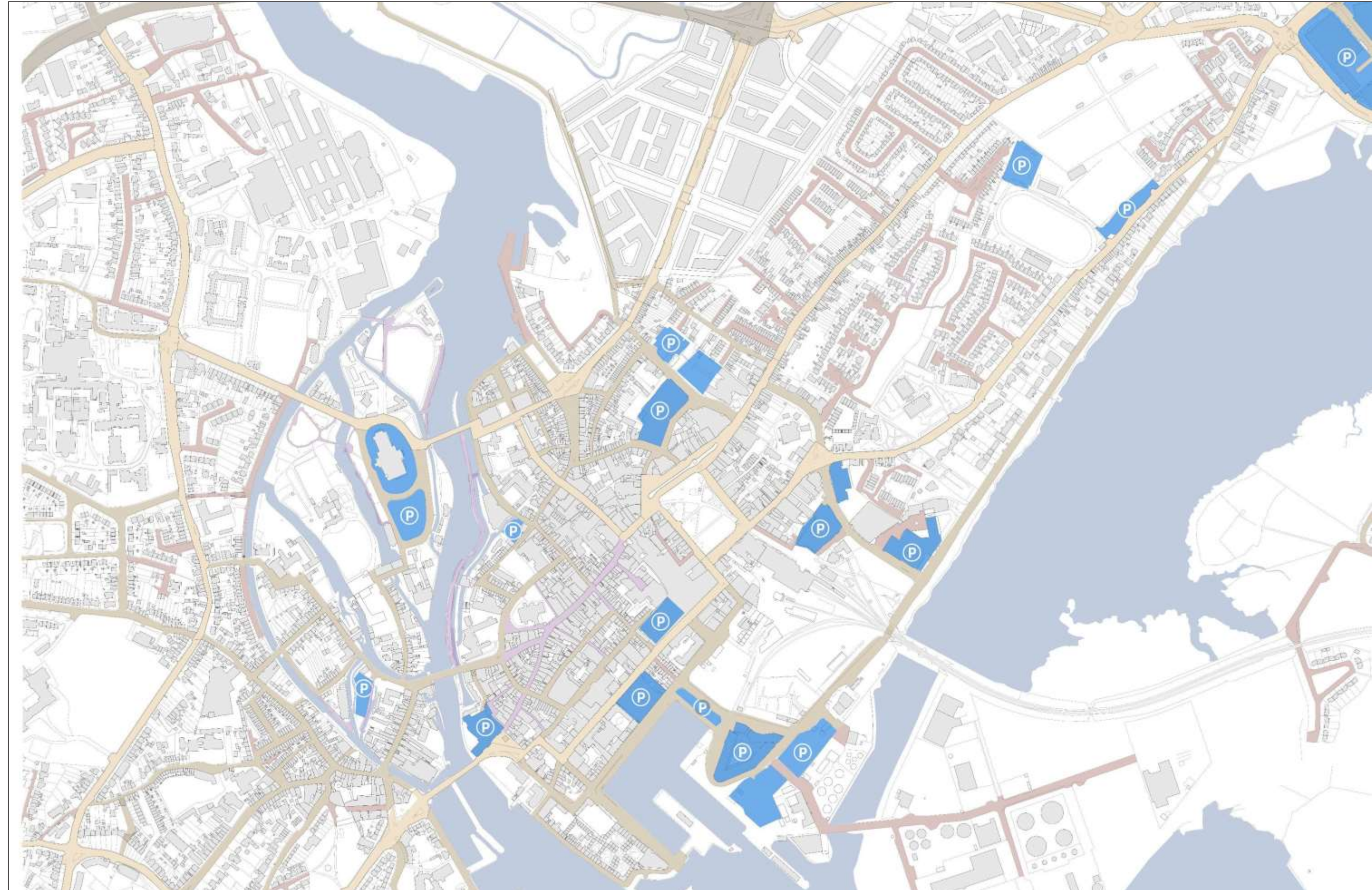
NO SIGNIFICANT
DEVELOPMENT SITES

INTACT IF FALTERING
BUILDINGS AND PUBLIC REALM

SURPRISINGLY LOW NUMBER
OF VACANT UPPER STOREYS

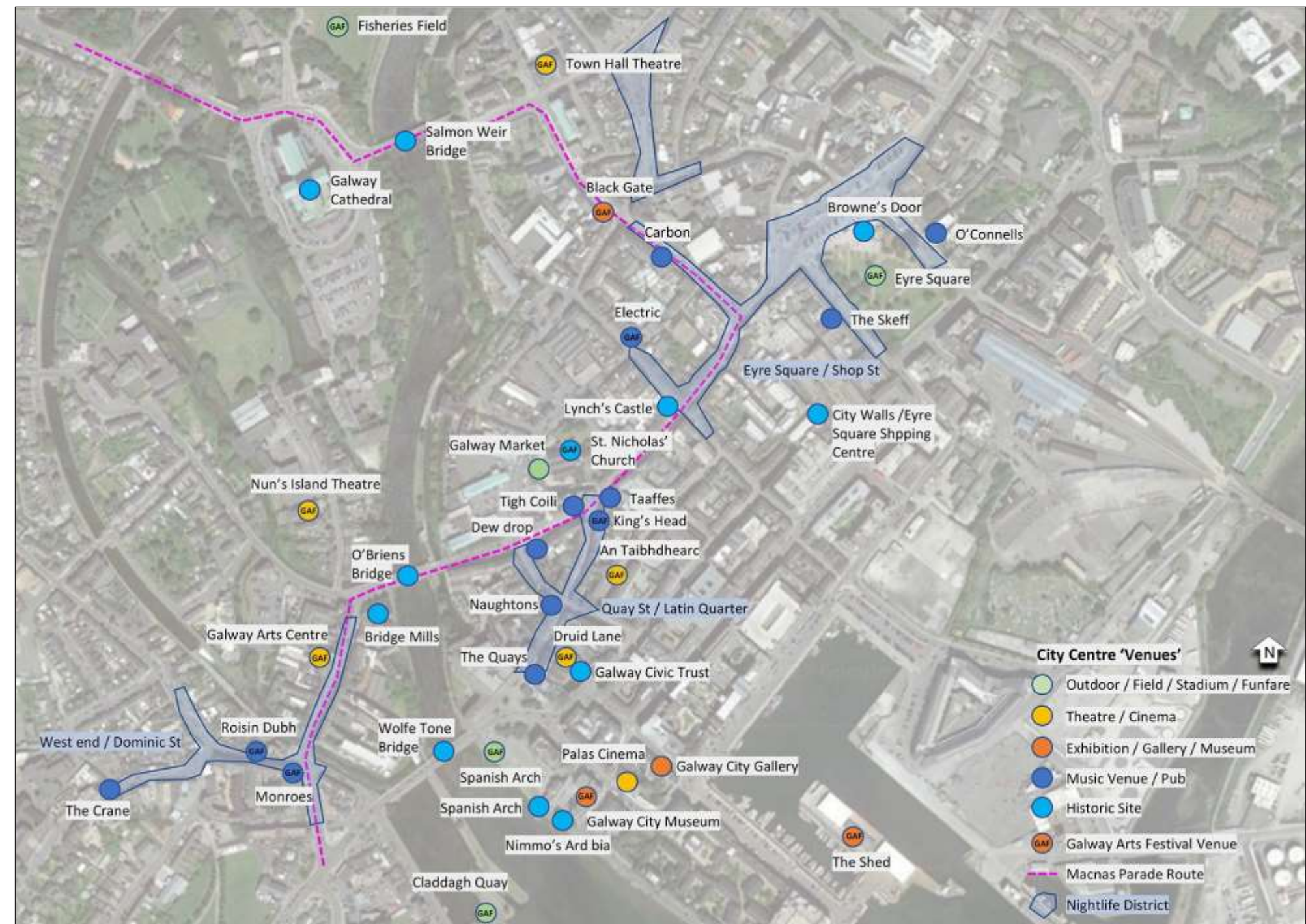
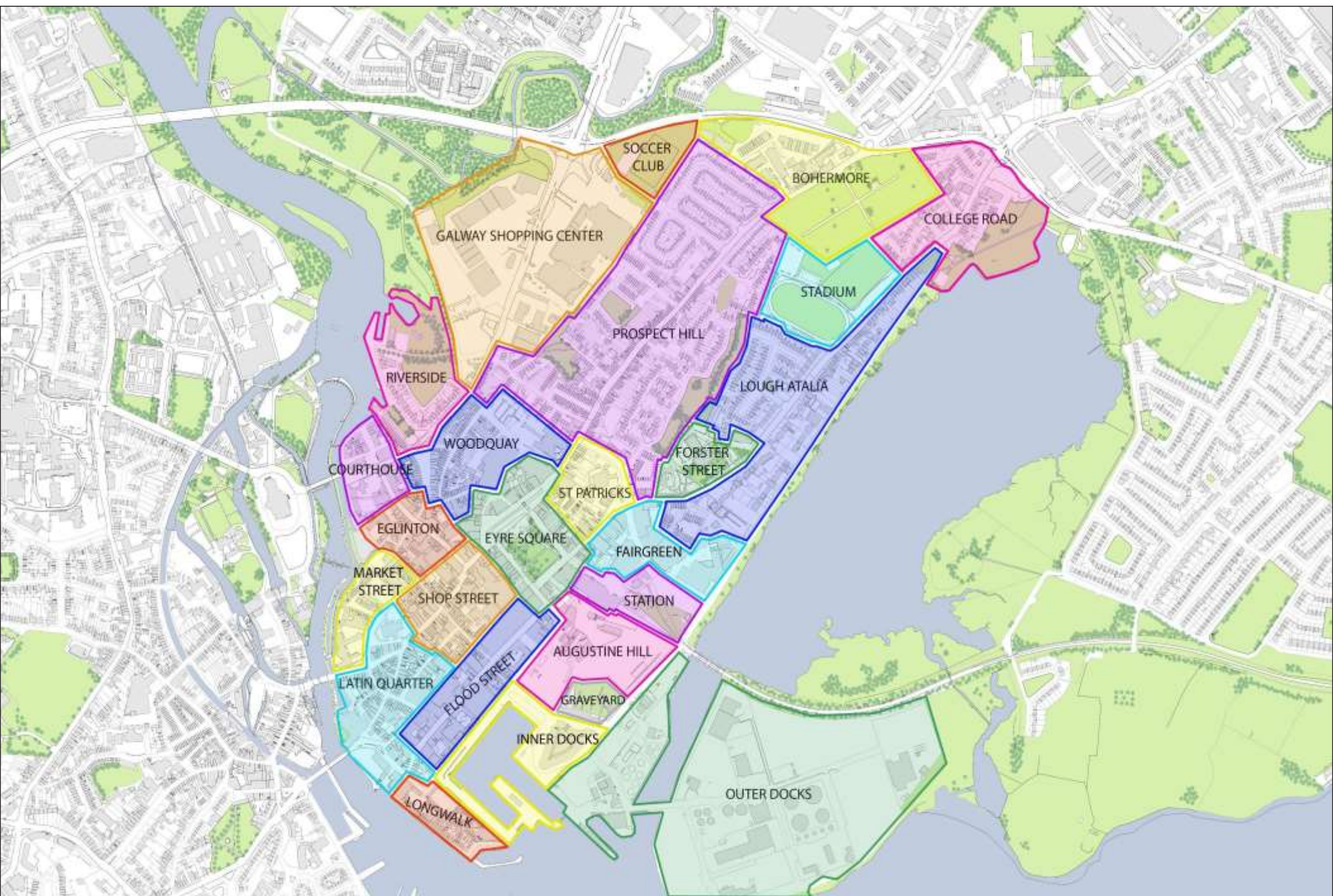
POTENTIAL FOR PEDESTRIAN
DOMINANT CORE AREA

FUTURE OF INNER CITY CAR
PARK SITES



EXISTING CHARACTER AREAS AND CULTURAL VENUES

FRAMEWORK FOR STRENGTHENING CITY CENTRE OVER TIME



OVERALL POTENTIAL

CONSOLIDATE AROUND CORE TO
EXPAND CITY CENTRE AT HIGHER
DENSITY

CREATE BIODIVERSITY CORRIDORS

DISCOURAGE OUT OF TOWN RETAIL
OVER TIME

USE CAR PARKS TO RELOCATE LARGE
RETAIL FROM OUT OF TOWN

CONNECT UNIVERSITY ACROSS CORRIB
RIVER

PEDESTRIAN DOMINANT CITY CENTRE
AS EARLY MOVE



OVERALL POTENTIAL

CONSOLIDATE AROUND CORE TO EXPAND CITY CENTRE AT HIGHER DENSITY

CREATE BIODIVERSITY CORRIDORS

DISCOURAGE OUT OF TOWN RETAIL OVER TIME

USE CAR PARKS TO RELOCATE LARGE RETAIL FROM OUT OF TOWN

CONNECT UNIVERSITY ACROSS CORRIB RIVER

PEDESTRIAN DOMINANT CITY CENTRE AS EARLY MOVE

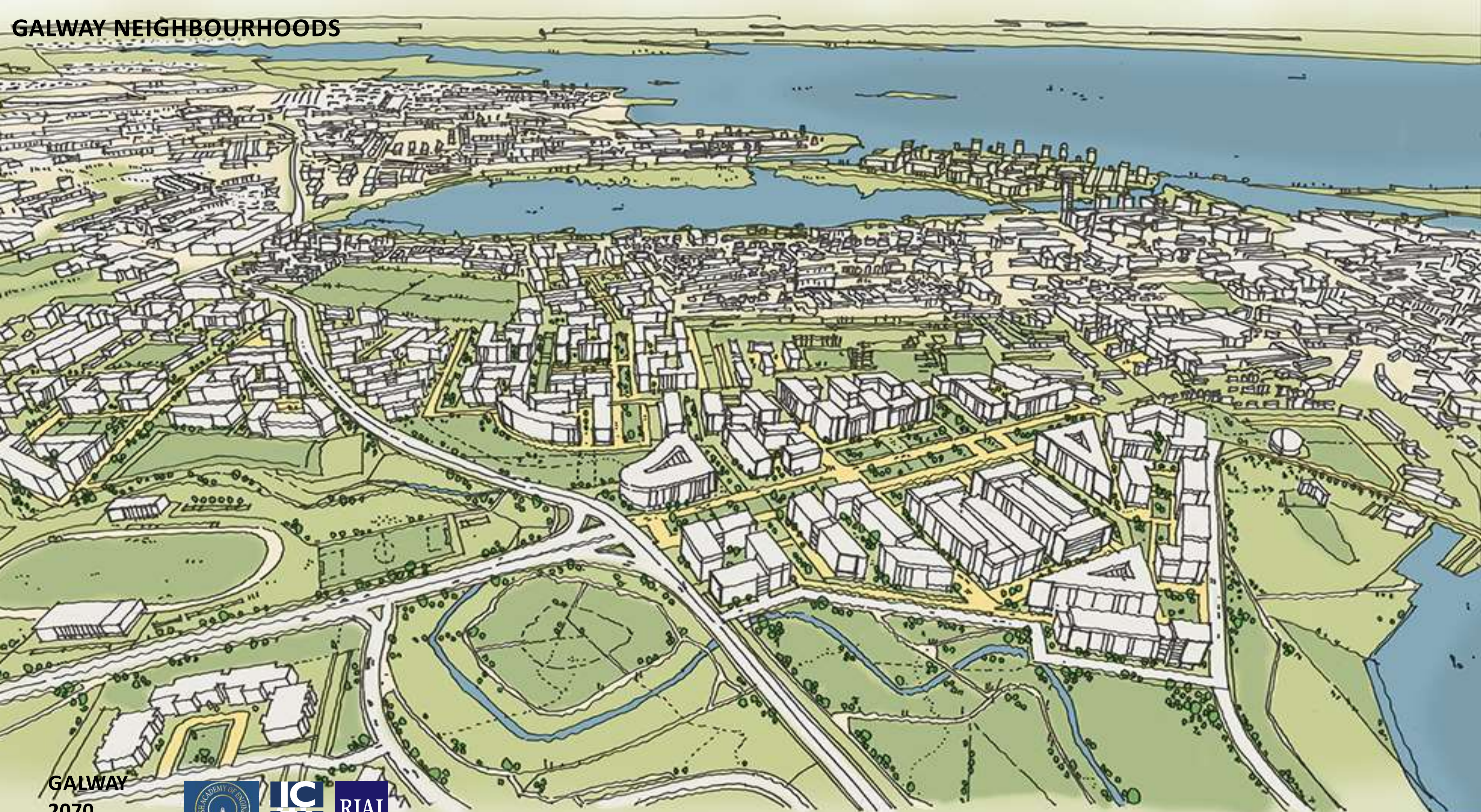




**GALWAY
2070**



GALWAY NEIGHBOURHOODS



GALWAY
2070

