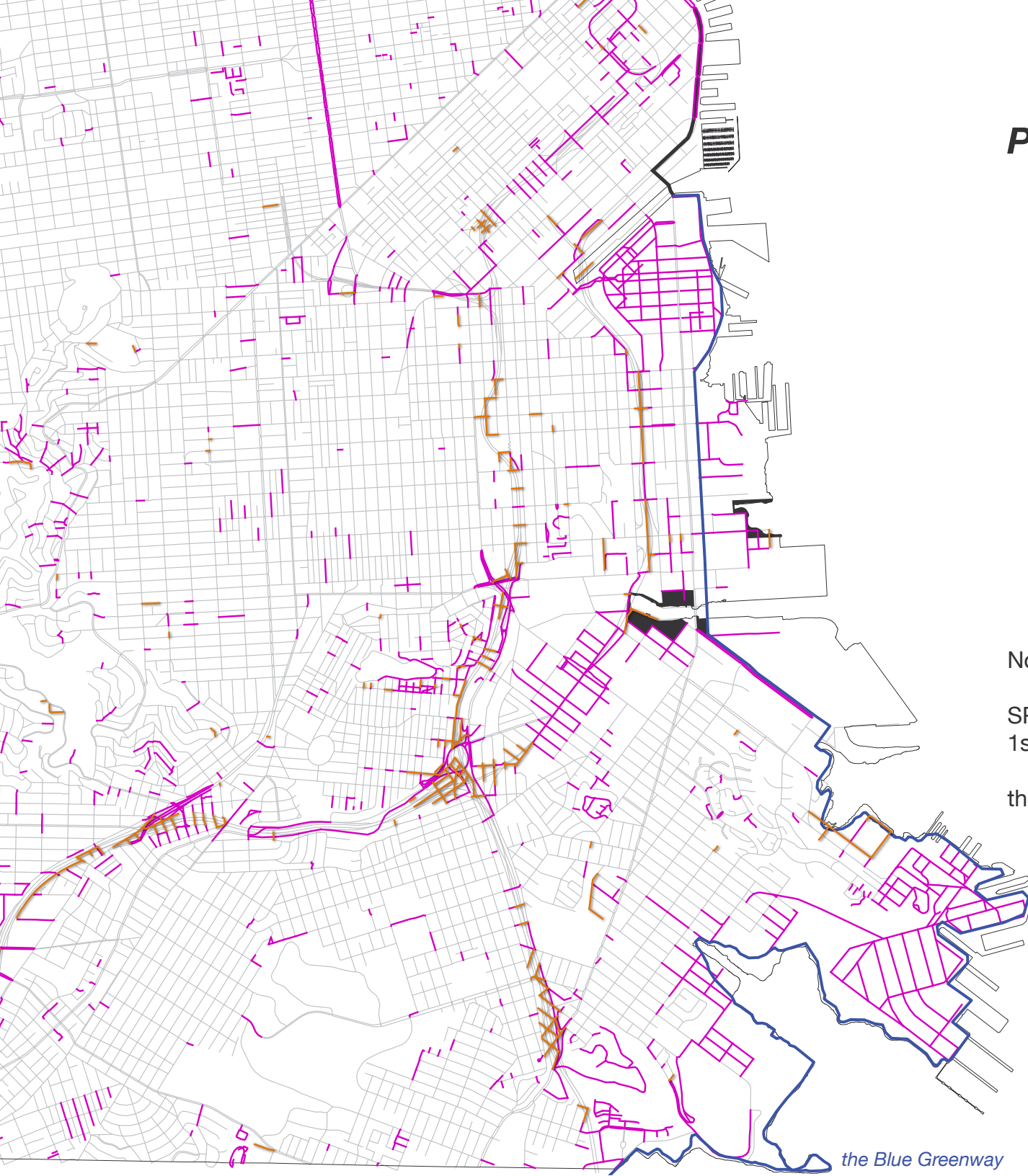


UNACCEPTED STREETS: FROM PAPER TO REALITY

*a proposal to transform San Francisco's
underutilized rights-of-way into an accessible
open space network connecting the city
and its communities to the Blue Greenway,
to existing open space, and to each other*

SARAH MOOS
SPUR | SEPTEMBER 8TH
PIERO N. PATRI FELLOWSHIP 2011



Piero N. Patri, FAIA (1929-2006)



Notable Architect, Urban Designer, Planner

SPUR Environmental Design Committee,
1st Chair - 1961

the Blue Greenway:

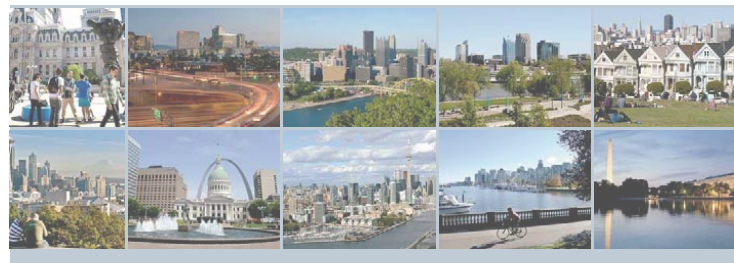
- connect the central and southeastern neighborhoods of San Francisco to the Embarcadero
- promote economic development and housing potential of the neighborhoods
- provide public accessibility to, and enjoyment of, the scenic southeastern waterfront

the Blue Greenway

San Francisco, California

805,235	population
49 sq. miles	size
16,433 people/sq. miles	density
12.25 sq. miles	road coverage
8.2 sq. miles	park coverage
278.8 sq. feet/person	available park space

“San Francisco ranked first overall...
‘but we’re going to have to continue pushing the envelope.’”



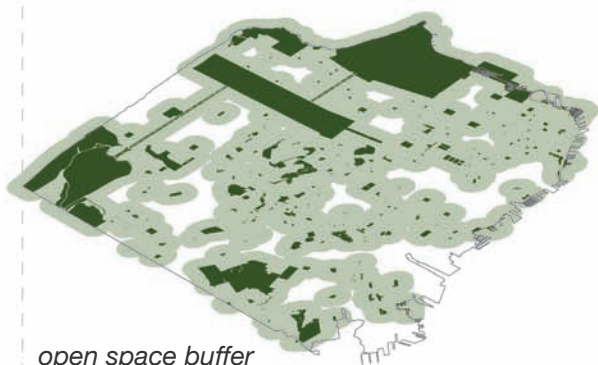
US and Canada Green City Index

Assessing the environmental performance of 27 major US and Canadian cities

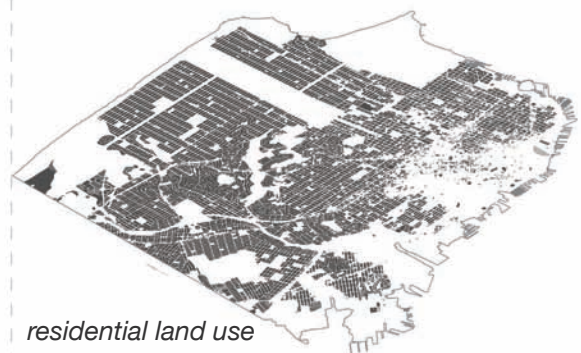




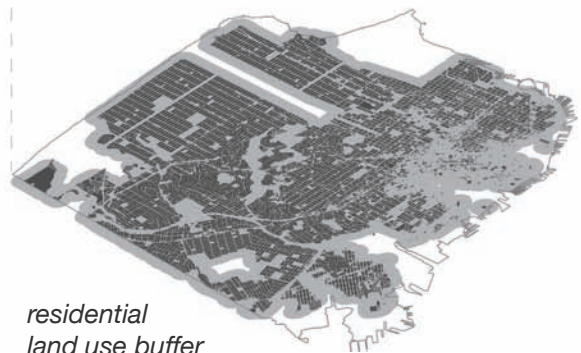
existing open space



open space buffer

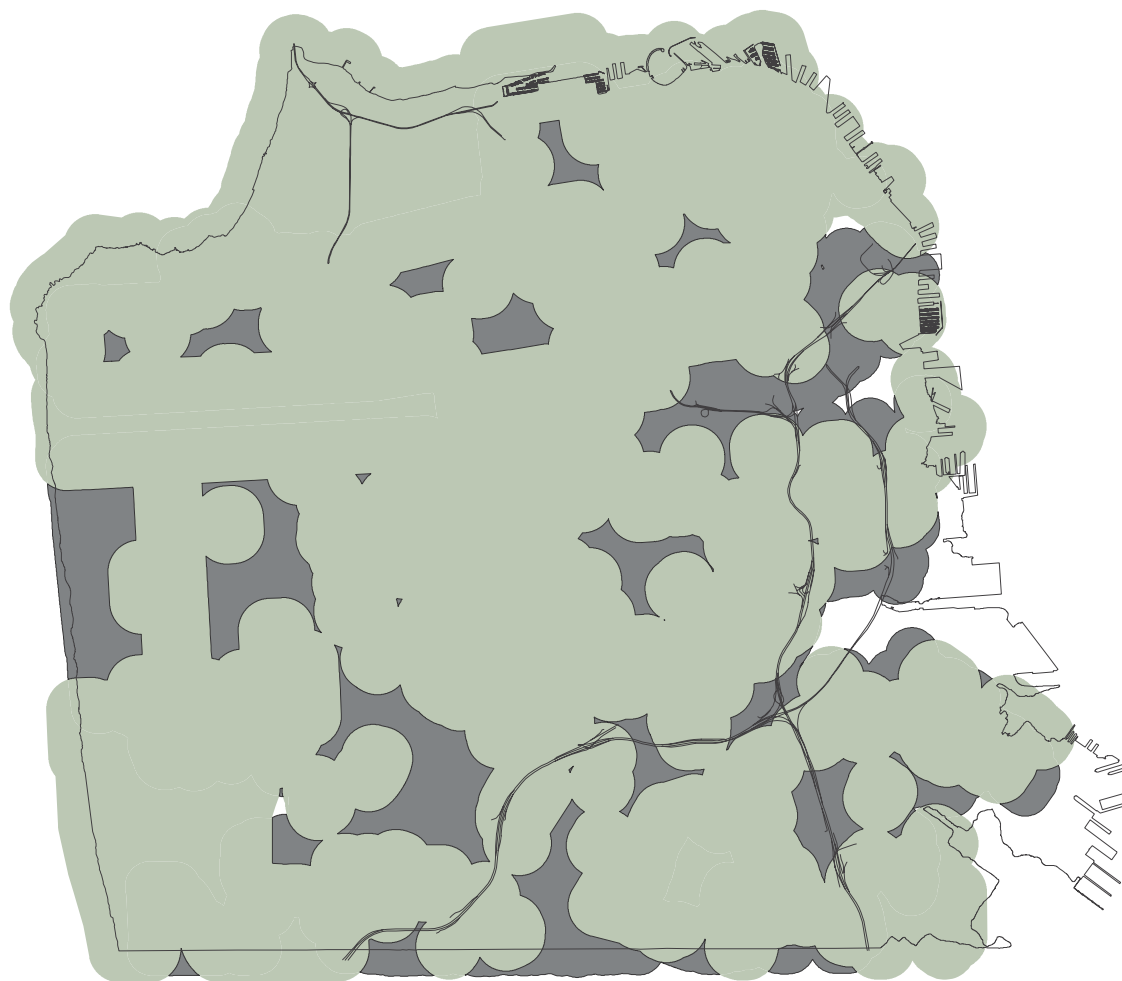


residential land use



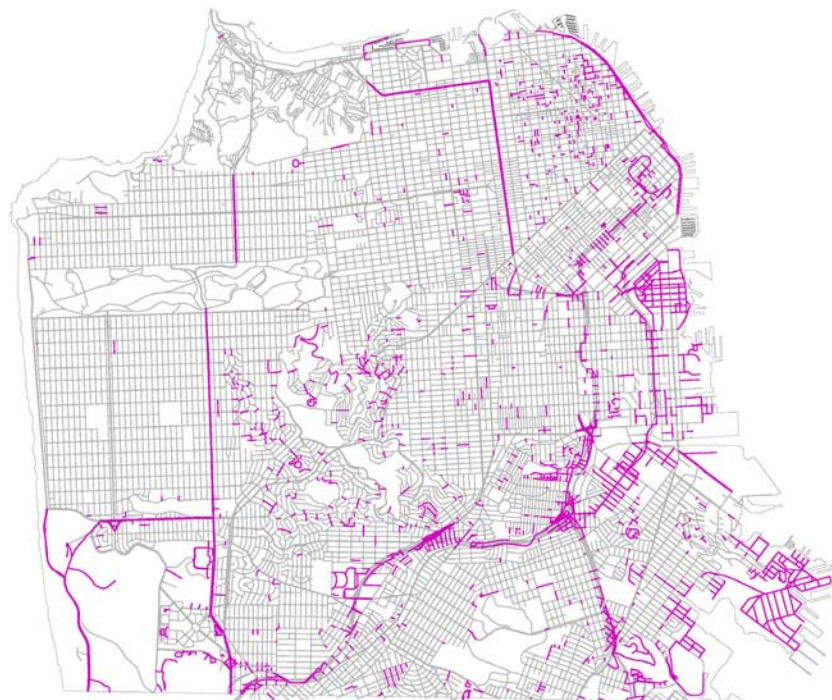
residential
land use buffer

accessible open space:
open space that is within a 1/4-mile walking
distance from residences in San Francisco



lacking = 6 square miles





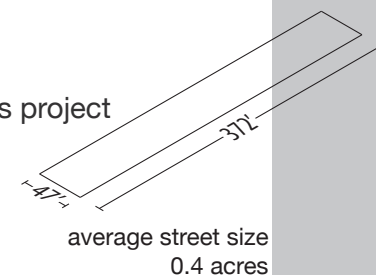
UNACCEPTED STREETS 2224



PAPER STREETS 323

Unaccepted Streets: any public right-of-way not accepted by the city for maintenance

1,242 Streets	a paved, yet unimproved, public thoroughfare
323 Paper Streets	an unimproved street demarcated on a map and legislated as a public right-of-way, but often not fully articulated in the landscape or existing in reality
260 Private Streets	a public right-of-way under private jurisdiction for maintenance
239 Uprows	an unimproved utility and public right-of-way
150 Pedestrian Streets	a street designated for pedestrian-only use
9 Private Parking Streets	a street being used for parking and under private jurisdiction for maintenance
1 Pseudo Street	Guerrero Park – a Pavement to Parks project



LAND COVERAGE

76 acres

893 acres

1,017 acres (golden gate park)





Unaccepted Street



Paper Street



Private Street





UPROW



Pedestrian Street

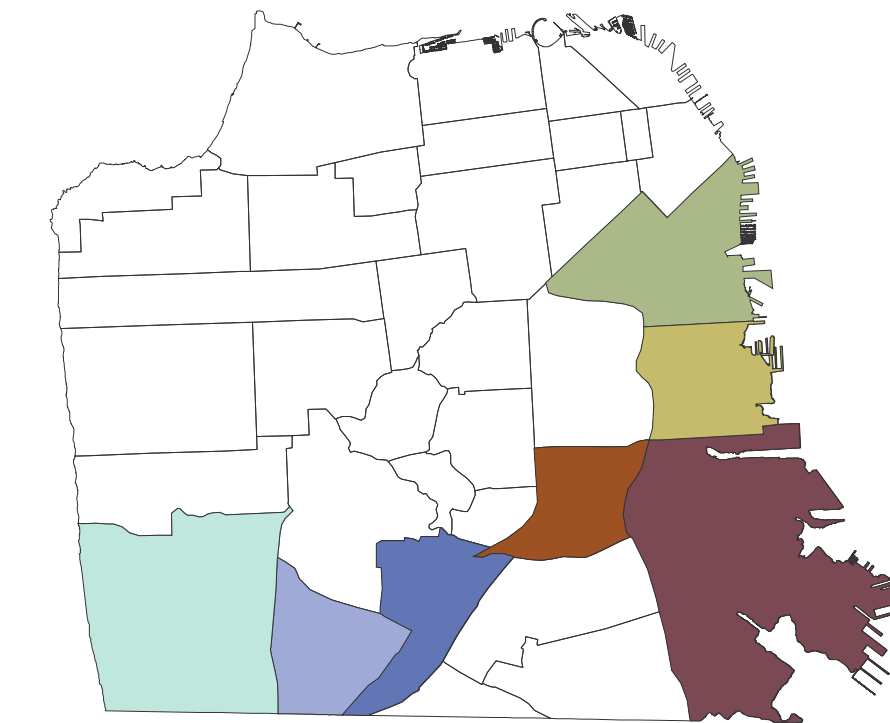
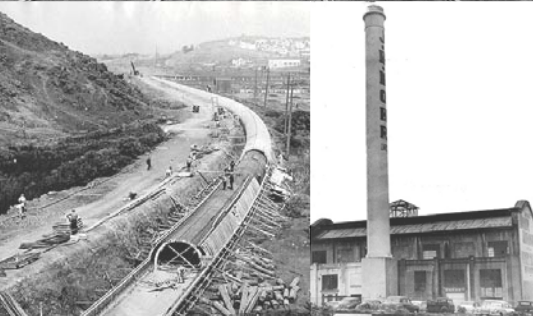


Private Parking Street



Pseudo Street



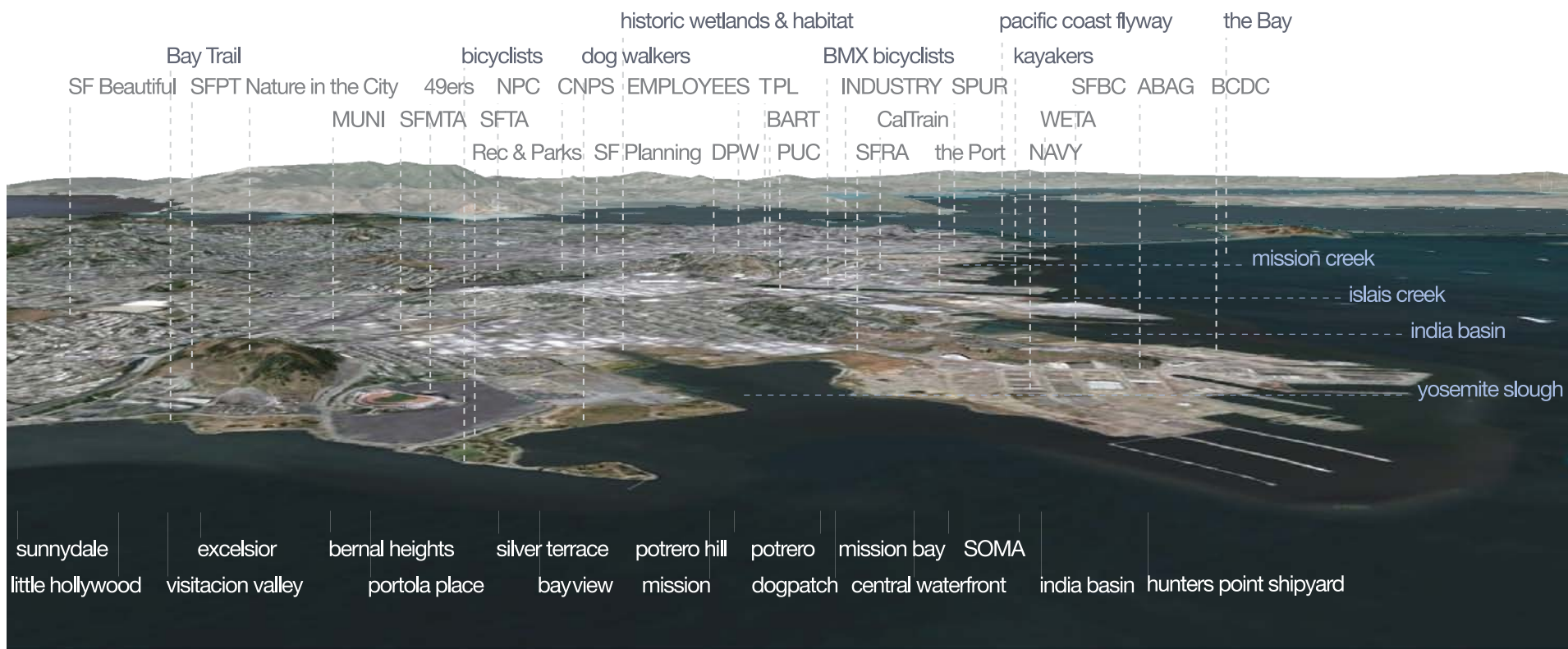


bayview
bernal heights
south of market
lakeshore
potrero hill
outer mission
ocean view
other



concentration $\geq 5\%$





GUIDELINES

Bayview-Hunters Point Redevelopment
Better Streets Plan
Blue Greenway Design Guidelines
Central Waterfront Area Plan
East SoMA Area Plan
Green Landscaping Ordinance
Mission Area Plan
Recreation and Park Acquisition Policy
SF General Plan
Showplace Square/Potrero Hill Area Plan
Stormwater Design Guidelines
TransitFirst Policy
Waterfront Design Guidelines
Waterfront Land Use Plan

PLANS

Area C Plan
Better Market Street
Blue Greenway
Brisbane Baylands Plan
Candlestick Point State Recreation Area Plan
Cesar Chavez East Plan
Crane Cove Park
Eastern Neighborhoods Transportation
Implementation Plan
Executive Park Plan
Hunters Point Shipyard
Hunters View
Mission Bay
Pier 70
Rebuild Potrero
Rincon Point Redevelopment
Sea Wall Lot 337
Sewer System Master Plan
SF Bay Area Water Trail Plan
Visitacion Valley/Schlage Lock Plan
Yosemite Slough

VISIONS

BikePods: bike-sharing
BikeSF
ConnectingSF
LivableCity
Openspace SF: 2100
ROSE
SF Beautiful

PROGRAMS

49Farms
GreenTrust
Parklets
Pavement to Parks
Streets Parks Program

COMMUNITY EFFORTS

22nd Street Master Plan
ALL: A Living Library
Cargo Way Plan
India Basin Community
Vision

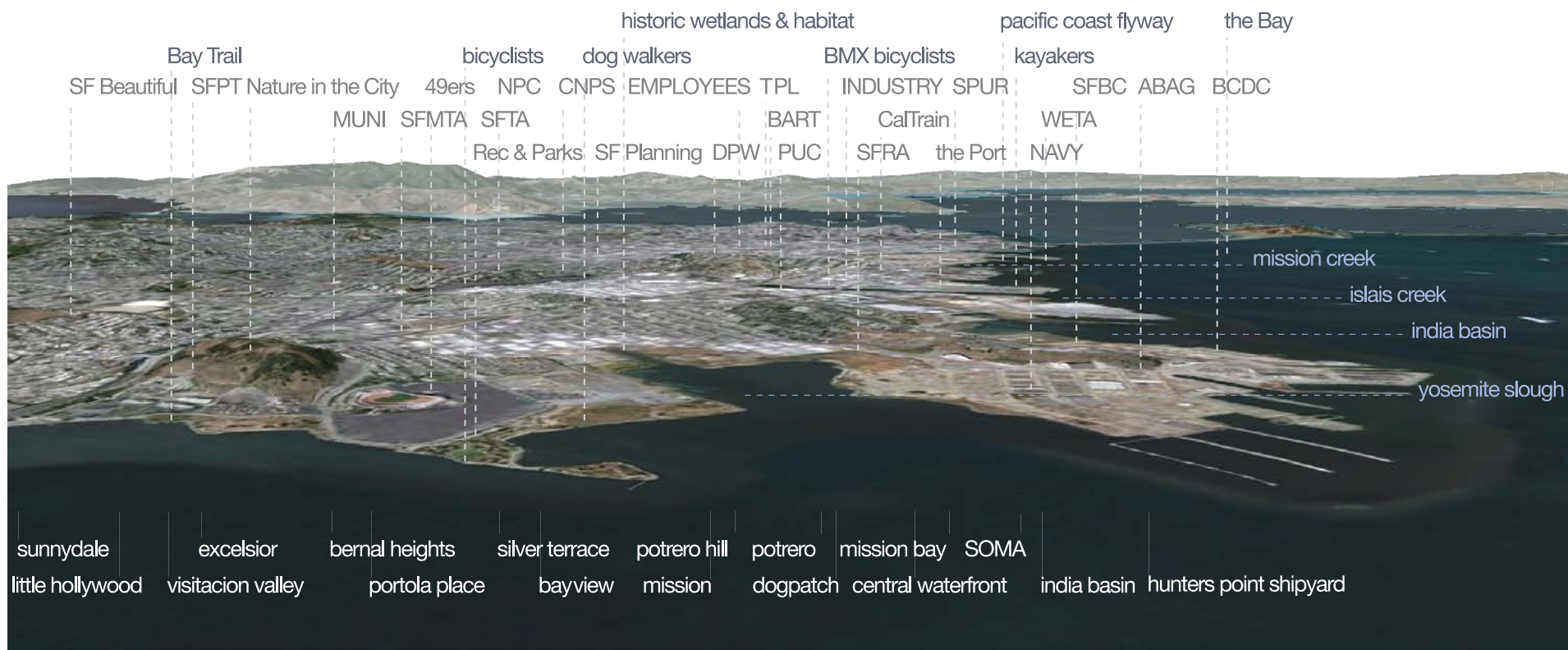
REPORTS

Bay Area Air Pollution Hot Sports
CA Environmental Impact Report
Climate Action Plan
Dangerous By Design
Food First Plan
Hope SF
SF Bicycle Plan
SF Urban Forest Master Plan
Significant Natural Resources Plan
Think Globally Eat Locally

SPUR PROJECTS

AggreGate
emBikeadero
Islais Creek Master Plan
Warmwater Cover Master Plan





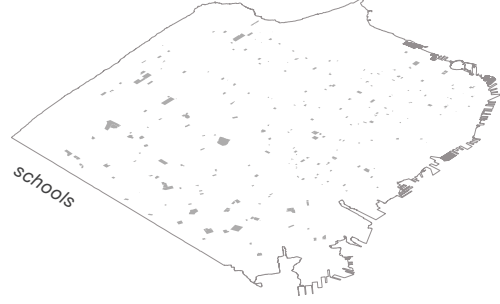
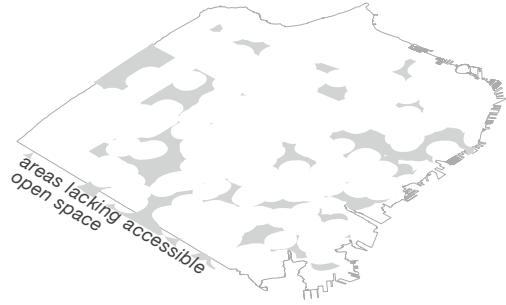
MAIN OVERLAPPING GOALS

Improve the pedestrian experience of San Francisco through 3 initiatives:

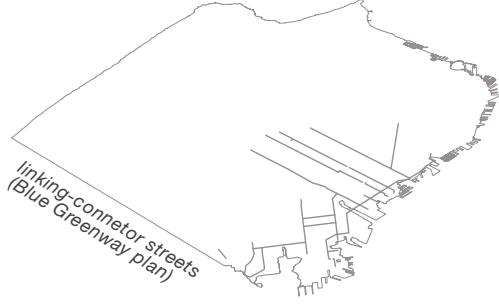
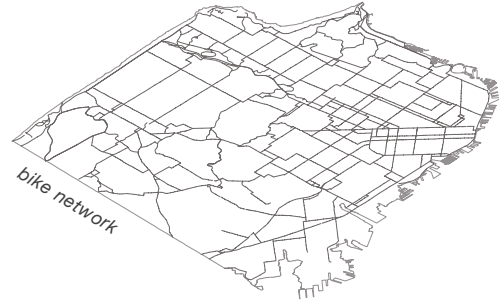
- 1 *Establish Open Space*
- 2 *Create Connectivity & Access*
- 3 *Promote Areas of Biodiversity & Natural Habitat*



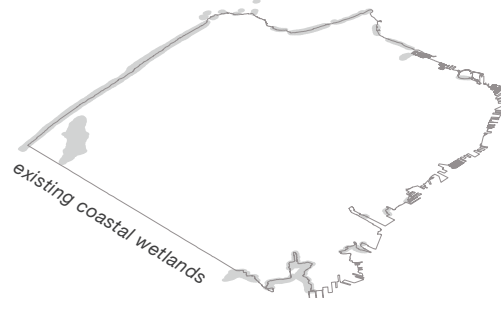
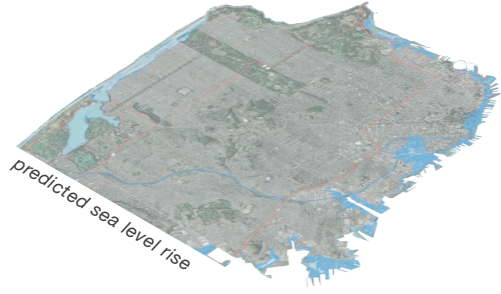
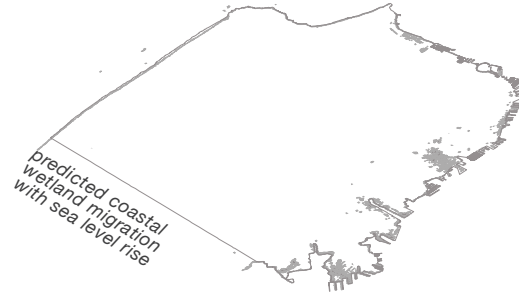
Establish Open Space



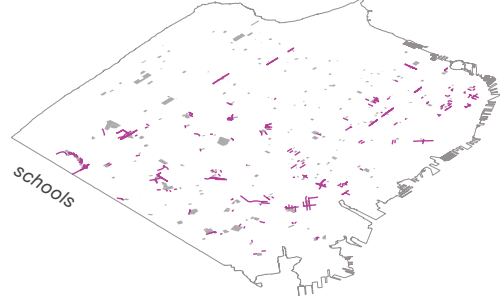
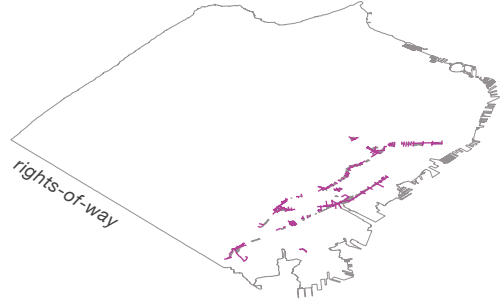
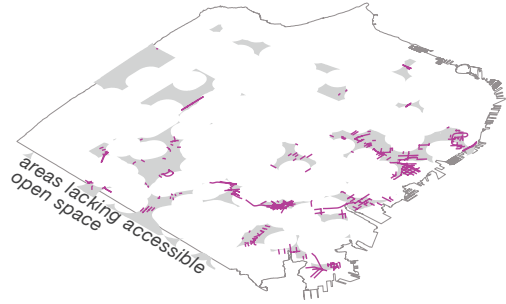
Create Connectivity & Access



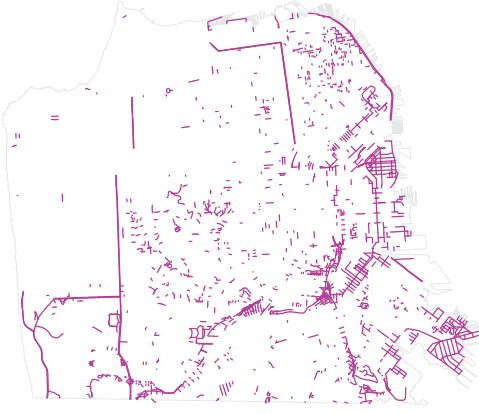
Promote Biodiversity & Natural Habitat



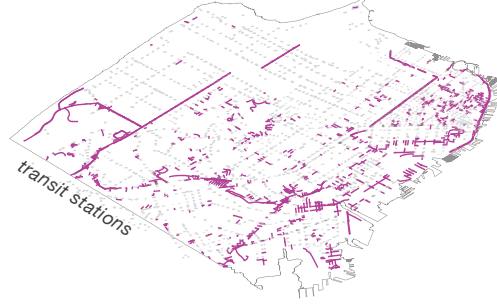
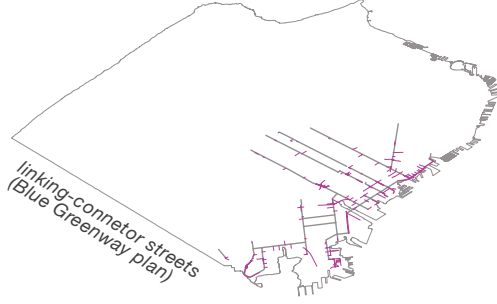
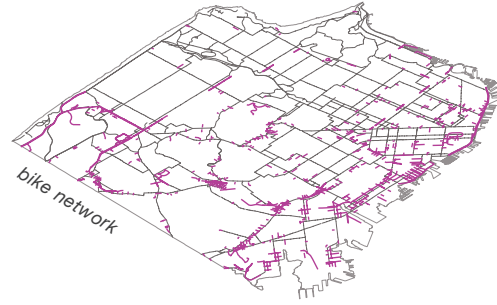
Establish Open Space



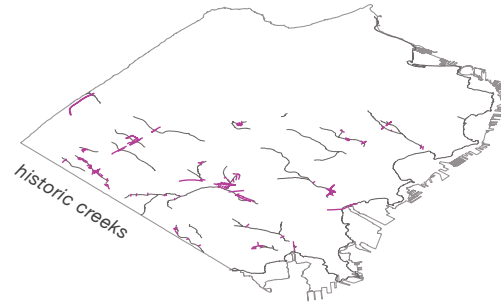
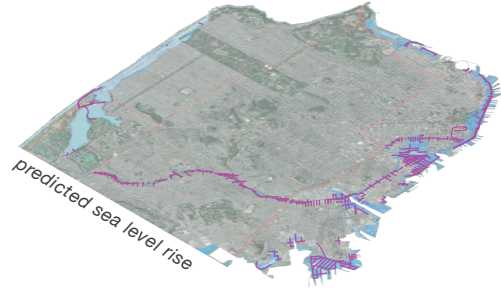
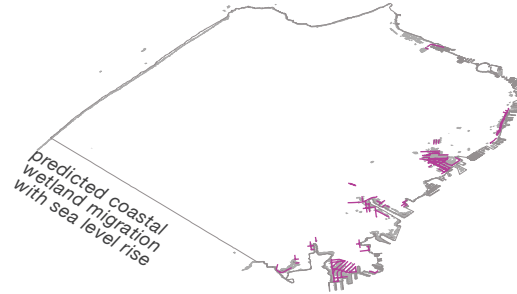
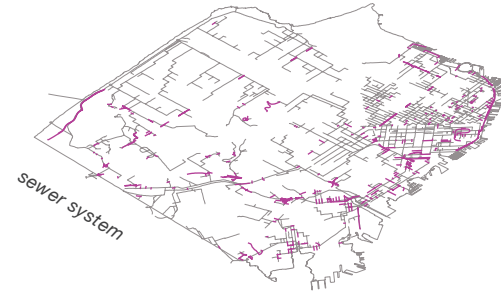
NETWORK IDENTIFICATION:
2224 unacceptable streets



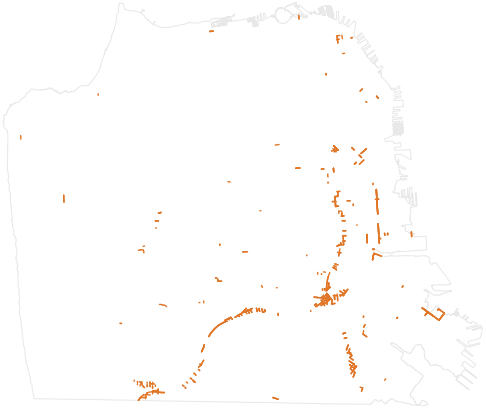
Create Connectivity & Access



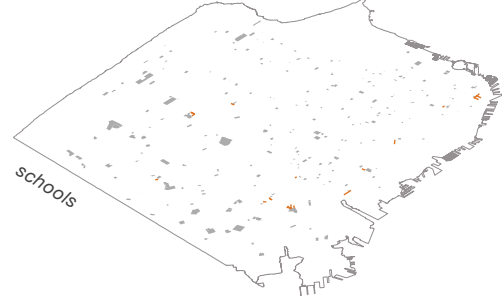
Promote Biodiversity & Natural Habitat



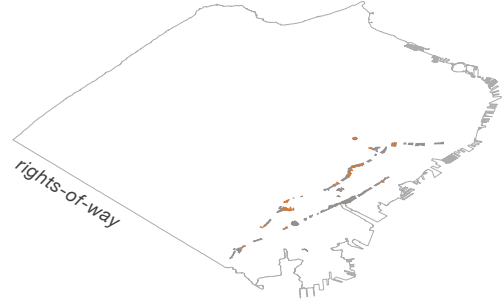
Establish Open Space



SITE IDENTIFICATION:
323 paper streets



schools



rights-of-way



areas lacking accessible
open space

Create Connectivity & Access



Blue Greenway



transit stations



linking-connector streets
(Blue Greenway plan)



bike network



service roads

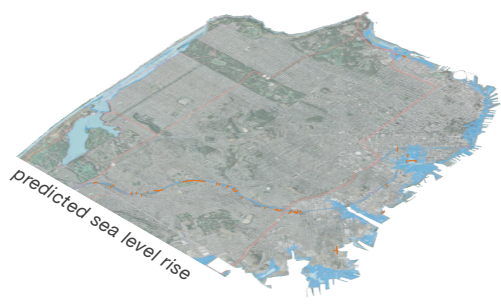
Promote Biodiversity & Natural Habitat



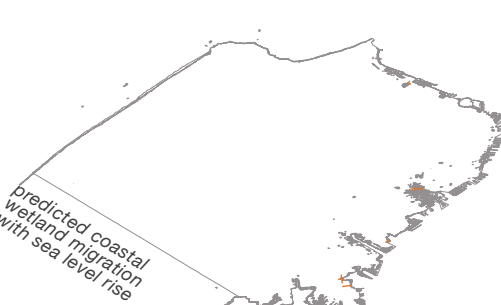
historic creeks



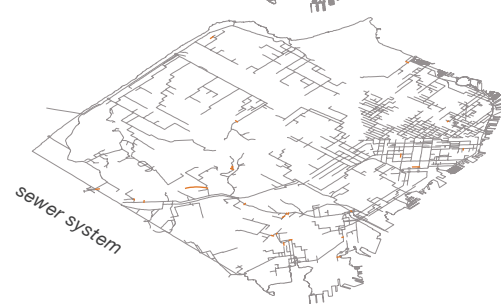
existing coastal wetlands



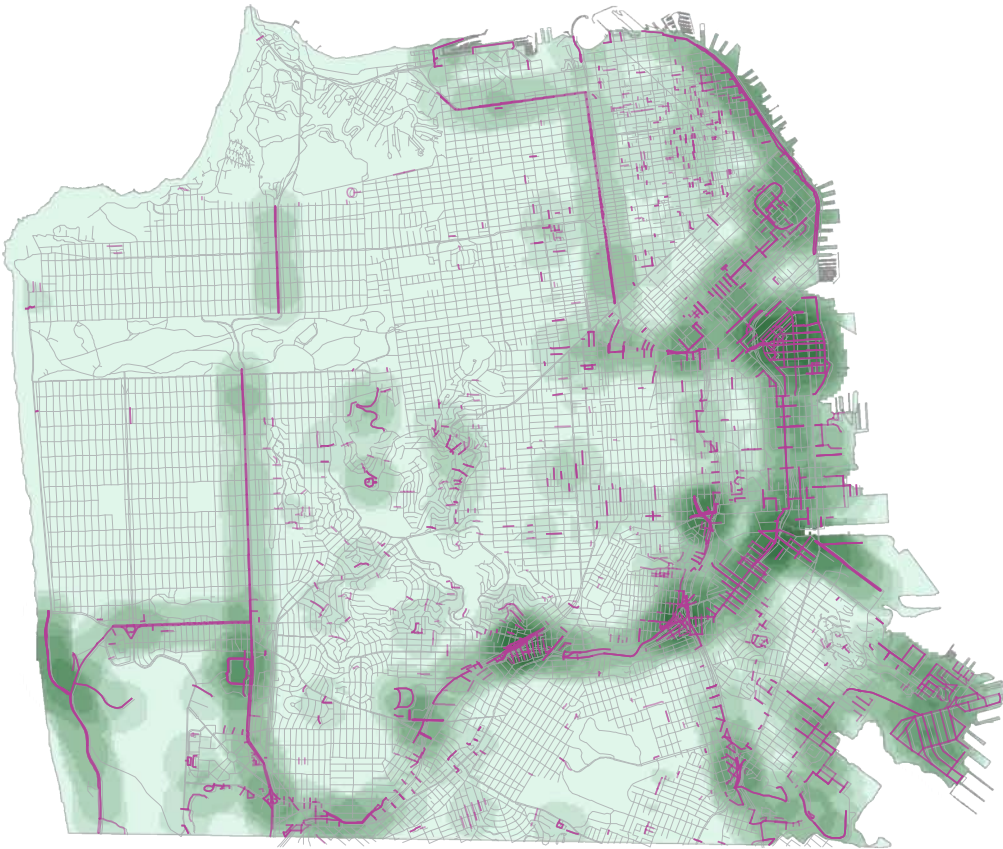
predicted sea level rise



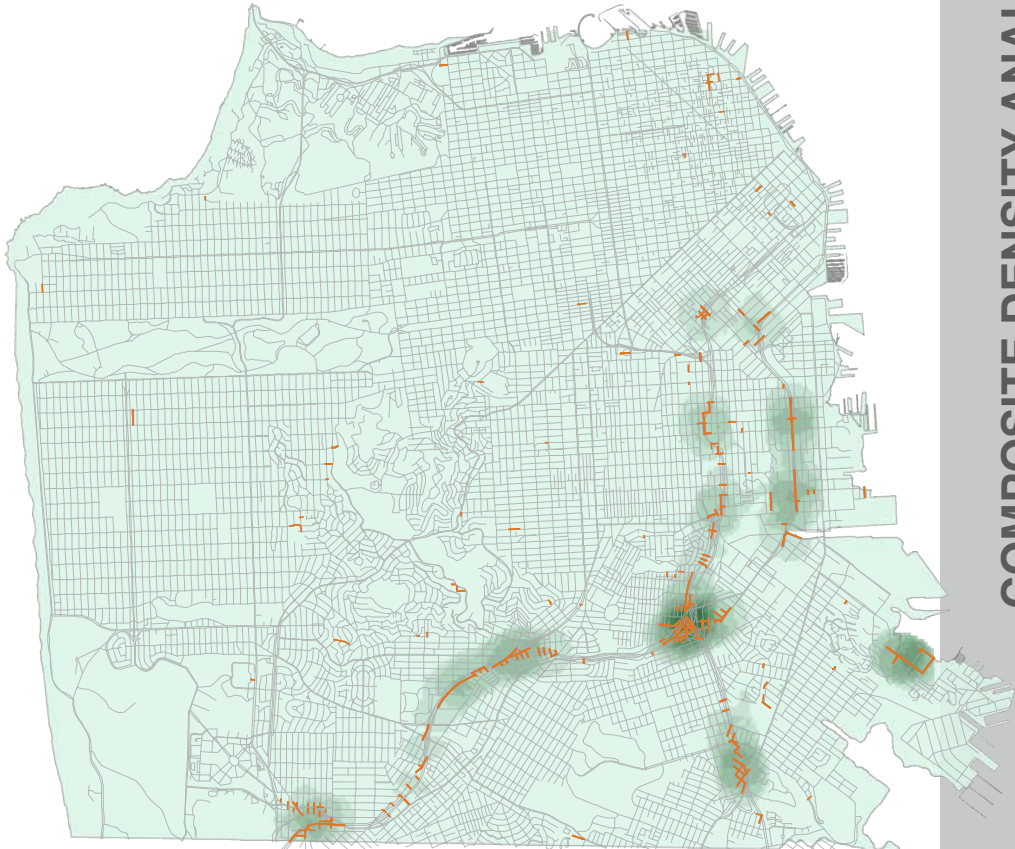
predicted coastal
wetland migration
with sea level rise



sewer system



NETWORK IDENTIFICATION

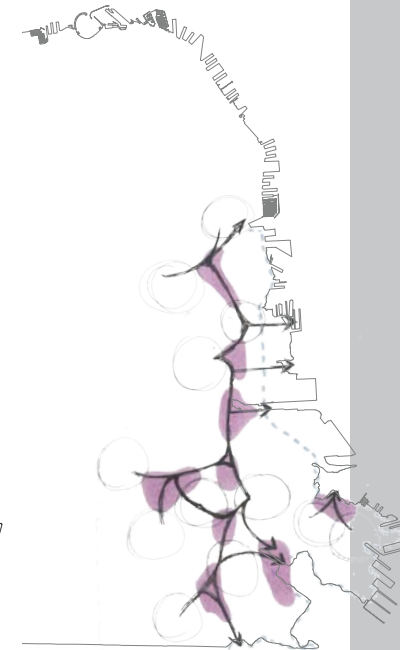
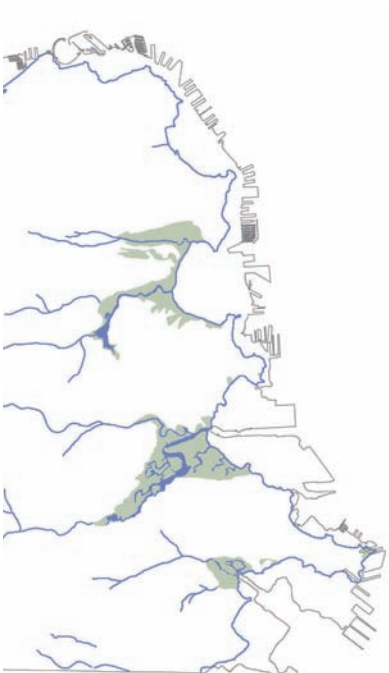


SITE IDENTIFICATION

- 0-3
- 3-6
- 6-9
- 9-12
- 12-15
- 15-18
- 18-21
- 21-23
- 23-27

magnitude of streets per unit area





historic watersheds

natural topographic
passageways

unaccepted street network
($\leq 6\%$ magnitude removed)

residential
land occupancy

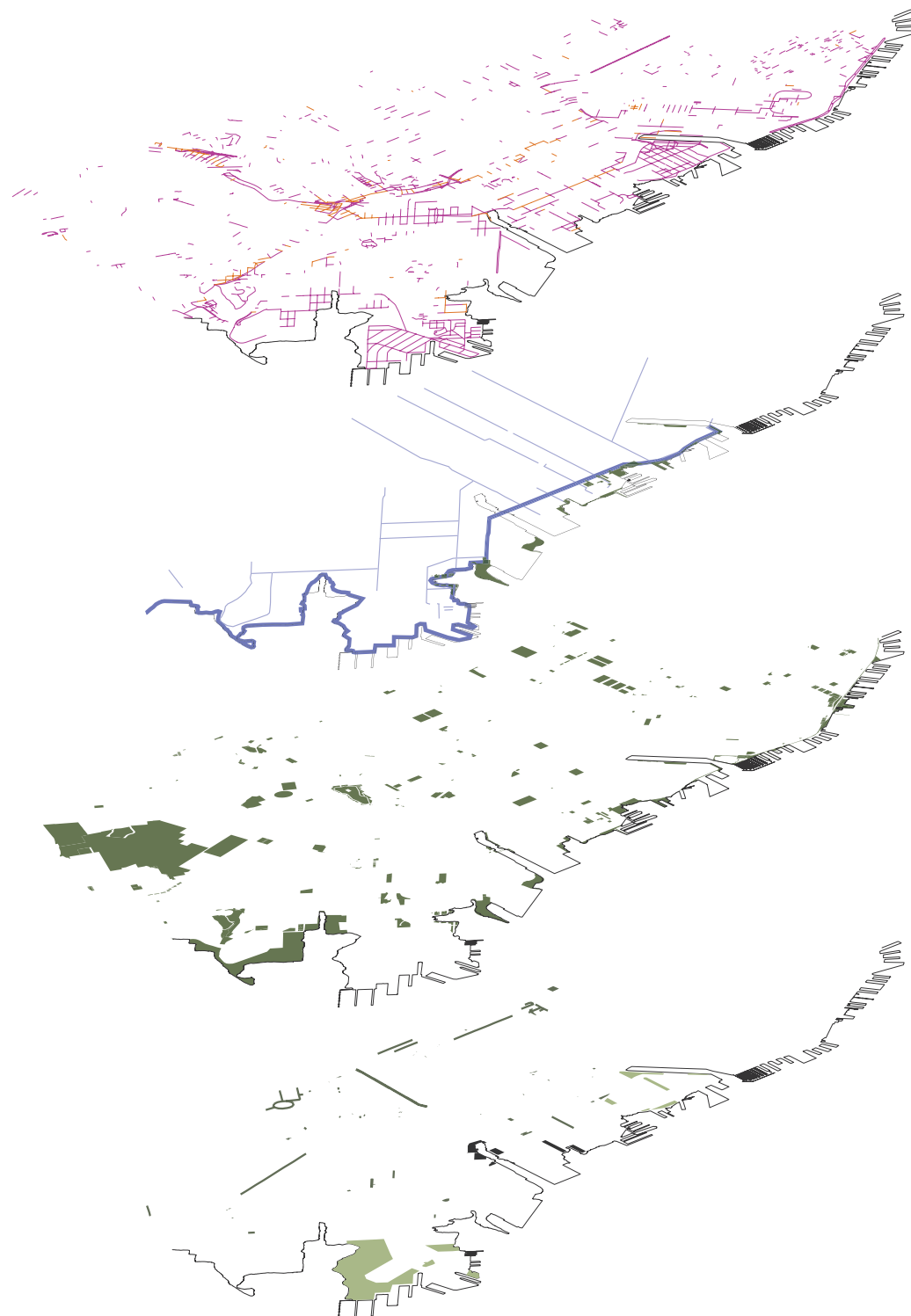
neighborhood
connections

unaccepted streets ■
paper streets ■

the Blue Greenway Plan

existing open space

current improvement initiatives
previous Patri projects ■
community- & city-led ■
private developments ■

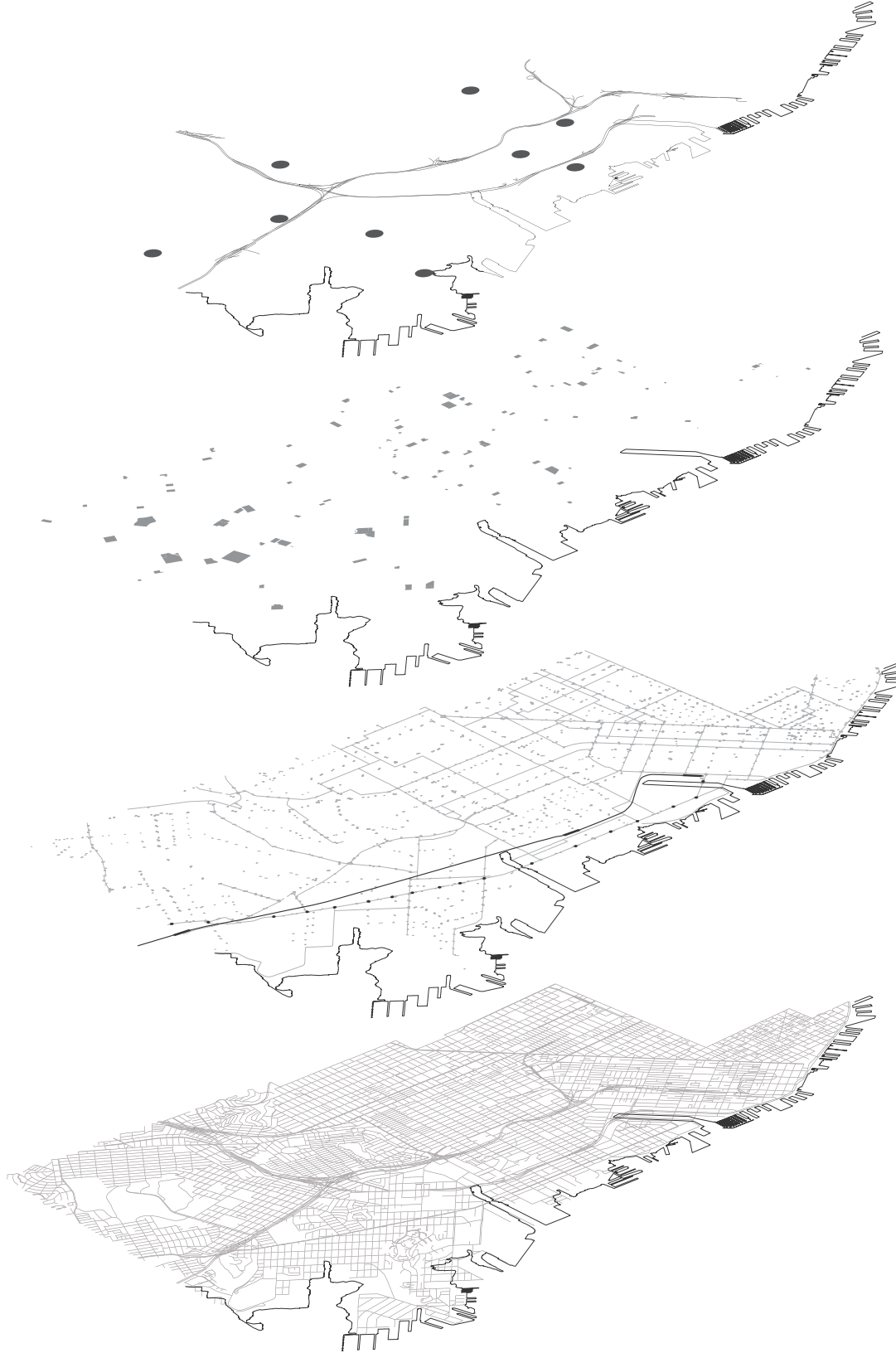


neighborhood centers

schools

transit stations &
routes

roadway infrastructure





502 streets
462 spaces

NETWORK = 388 ACRES

- unpaved public rights-of-way
- unaccepted paved street
- accepted paved street
- accepted paved space
- Blue Greenway
- existing/proposed open space
- other unaccepted street
- other accepted street
- intersection with Blue Greenway
- T-line stops

518 streets & spaces
(fragmented pieces)



*communities &
local groups*

+

9 complexes
(concentrations of
streets & spaces)



*local groups,
organizations,
city agencies
& private affiliates*

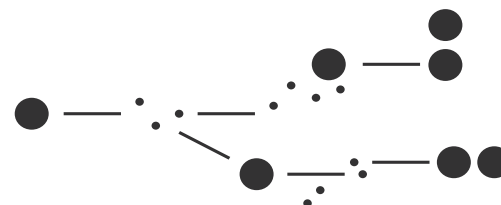
+

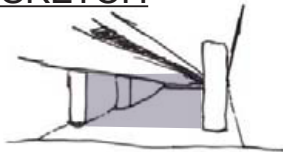
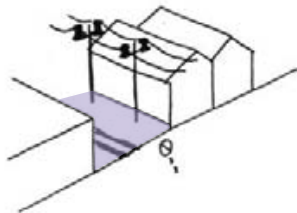

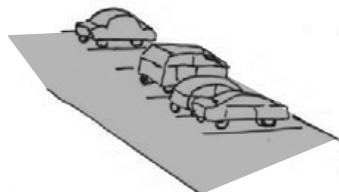

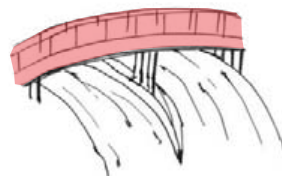
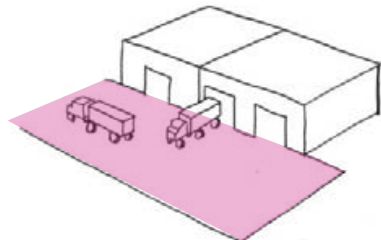
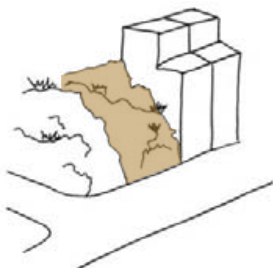
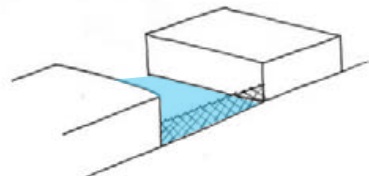
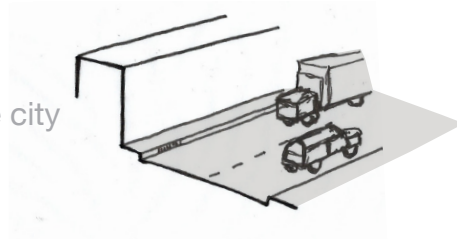
26 connectors
(sections linking
fragmented streets
& spaces, as well
as complexes)



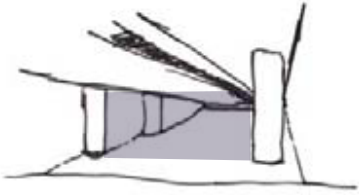
city agencies

=



T TYPOLOGY	DEFINITION	SKETCH	
beneath freeways	streets occurring beneath freeway ramps and roadways in the form of vacant lots, easements, and embankments		
easements	streets following abandoned rail lines, alongside rail lines, between houses, above sewers, and below power lines		
existing open spaces	streets within the boundaries of established city open space areas		
inaccessible	impenetrable streets resulting from infill and freeway construction		
parking lots	streets used as parking areas		
passageways	streets currently being used as connectors in the form of stairways, pedestrian bridges, and alleyways		
serviceways	streets as usable roadway for servicing and residential access, often dead-end		
steep slopes	streets traversing steep hillsides and rock outcroppings		
streets	improved streets used as public thoroughfares but not maintained by the city		
vacant spaces	streets occurring on vacant areas, normally fenced, littered, and weedy		

EXISTING CONDITION

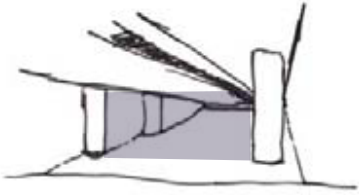


streets occurring beneath
freeway ramps and roadways
in the form of vacant lots,
easements, and embankments

noisy
dark
littered
fenced-off
dangerous
compacted soil

flat
covered
paved
weedy
graffiti

EXISTING CONDITION



streets occurring beneath
freeway ramps and roadways
in the form of vacant lots,
easements, and embankments

noisy
dark
littered
fenced-off
dangerous
compacted soil

flat
covered
paved
weedy
graffiti

CLEAN safe

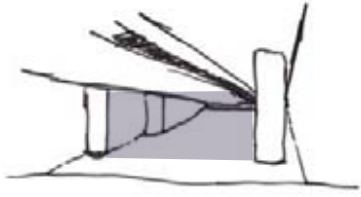
well lit

permeable

USABLE

EXISTING CONDITION

TRANSFORMATION TOOL



streets occurring beneath
freeway ramps and roadways
in the form of vacant lots,
easements, and embankments

noisy
dark
littered
fenced-off
dangerous
compacted soil

flat
covered
paved
weedy
graffiti



passageway



public art

CLEAN safe

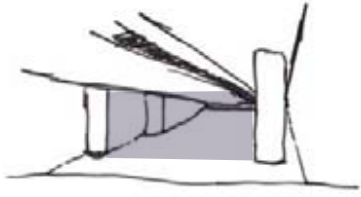
well lit

permeable

USABLE

EXISTING CONDITION

TRANSFORMATION TOOL



streets occurring beneath
freeway ramps and roadways
in the form of vacant lots,
easements, and embankments

noisy
dark
littered
fenced-off
dangerous
compacted soil

flat
covered
paved
weedy
graffiti



passageway



recreation courts



public art



dog run

CLEAN safe

well lit

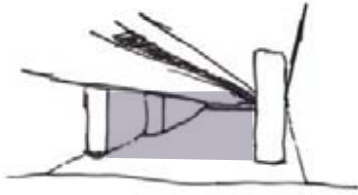
permeable

USABLE

BENEATH FREEWAY

EXISTING CONDITION

TRANSFORMATION TOOL



streets occurring beneath
freeway ramps and roadways
in the form of vacant lots,
easements, and embankments

noisy
dark
littered
fenced-off
dangerous
compacted soil

flat
covered
paved
weedy
graffiti



passageway



recreation courts



skate park



public art



dog run



water storage

CLEAN safe

well lit

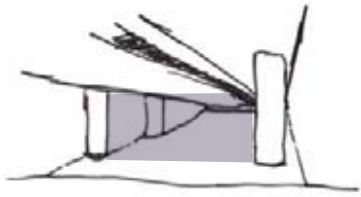
permeable

USABLE

BENEATH FREEWAY

EXISTING CONDITION

TRANSFORMATION TOOL



streets occurring beneath
freeway ramps and roadways
in the form of vacant lots,
easements, and embankments

noisy
dark
littered
fenced-off
dangerous
compacted soil

flat
covered
paved
weedy
graffiti

CLEAN safe

well lit

permeable

USABLE



passageway



recreation courts



skate park



bike pod station



public art



dog run



water storage

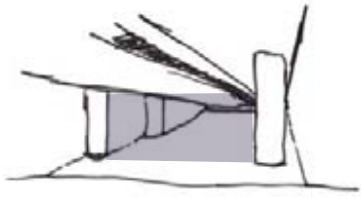


car sharing

BENEATH FREEWAY

EXISTING CONDITION

TRANSFORMATION TOOL



streets occurring beneath
freeway ramps and roadways
in the form of vacant lots,
easements, and embankments

noisy
dark
littered
fenced-off
dangerous
compacted soil

flat
covered
paved
weedy
graffiti

CLEAN safe

well lit

permeable

USABLE



passageway



recreation courts



skate park



bike pod station



cafe



public art



dog run



water storage



car sharing

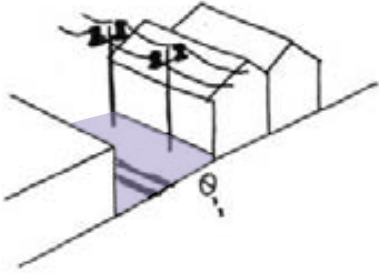


creek day-lighting

CITY-LED INITIATIVE <-----> COMMUNITY-LED INITIATIVE

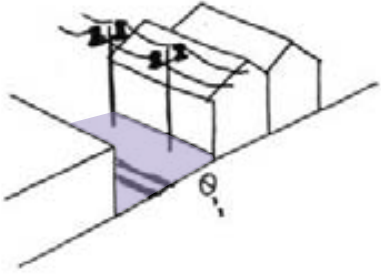
TYPOLOGY TRANSFORMATION



EXISTING CONDITION

streets following abandoned
rail lines, alongside rail lines,
between houses, above
sewers, and below power lines

narrow
weedy
littered
compacted soil
abandoned railroad tracks

EXISTING CONDITION

streets following abandoned
rail lines, alongside rail lines,
between houses, above
sewers, and below power lines

narrow
weedy
littered
compacted soil
abandoned railroad tracks

accessible
attractive

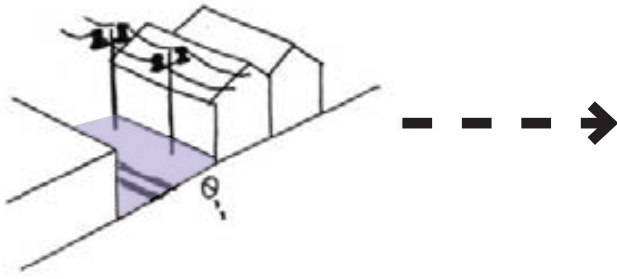
public

usable

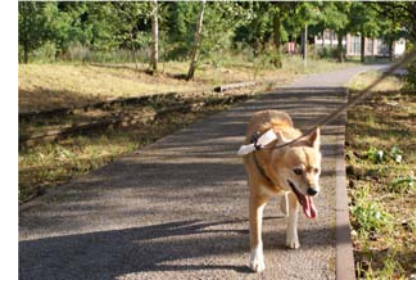
CLEAN planted

EXISTING CONDITION

TRANSFORMATION TOOL



planted edge

creative reuse:
pathway

streets following abandoned
rail lines, alongside rail lines,
between houses, above
sewers, and below power lines

narrow
weedy
littered
compacted soil
abandoned railroad tracks

accessible
attractive

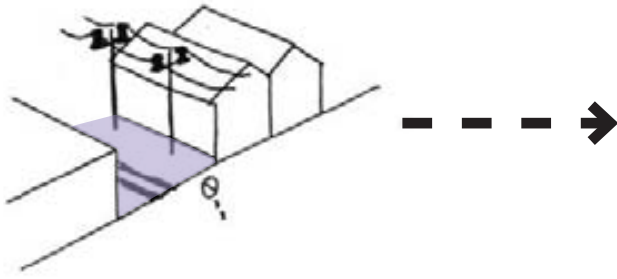
public

usable

CLEAN ^{planted}

EXISTING CONDITION

TRANSFORMATION TOOL



streets following abandoned rail lines, alongside rail lines, between houses, above sewers, and below power lines

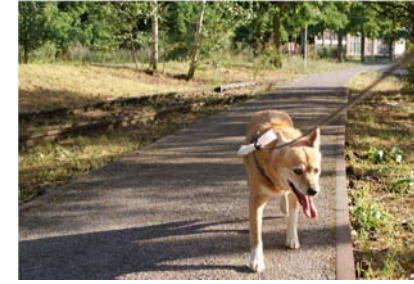
narrow
weedy
littered
compacted soil
abandoned railroad tracks



planted edge



green wall/
sound barrier



creative reuse:
pathway



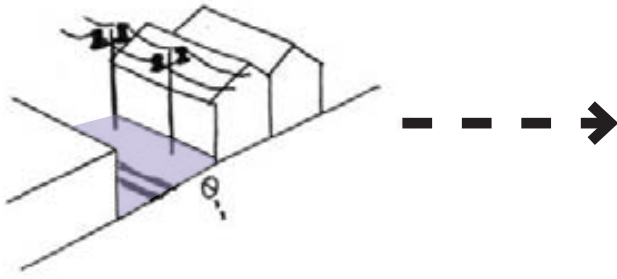
murals

accessible
attractive
public
usable
planted
CLEAN

EASEMENT

EXISTING CONDITION

TRANSFORMATION TOOL



streets following abandoned rail lines, alongside rail lines, between houses, above sewers, and below power lines

narrow
weedy
littered
compacted soil
abandoned railroad tracks

accessible
attractive
public
usable
planted
CLEAN



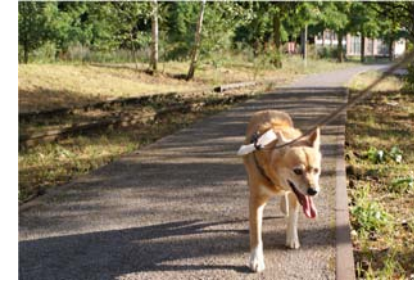
planted edge



greenwall/
sound barrier



bike trail



creative reuse:
pathway



murals

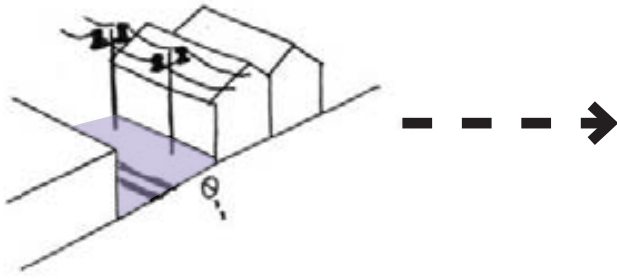


interpretive trail

EASEMENT

EXISTING CONDITION

TRANSFORMATION TOOL



streets following abandoned rail lines, alongside rail lines, between houses, above sewers, and below power lines

narrow
weedy
littered
compacted soil
abandoned railroad tracks

accessible
attractive
public
usable
planted
CLEAN



planted edge



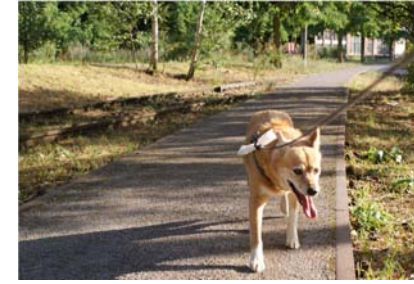
greenwall/
sound barrier



bike trail



creek day-lighting



creative reuse:
pathway



murals



interpretive trail



bioswale

EXISTING CONDITION



streets within the
boundaries of
established city
open space areas

vegetated
shaded

EXISTING CONDITION



streets within the
boundaries of
established city
open space areas

vegetated
shaded

accessible
well lit

public
amenities

clean

native habitat

EXISTING CONDITION

TRANSFORMATION TOOL



native planting

streets within the
boundaries of
established city
open space areas

vegetated
shaded

accessible
well lit

public
amenities

clean

native habitat

EXISTING OPEN SPACE

EXISTING CONDITION

TRANSFORMATION TOOL



streets within the boundaries of established city open space areas

vegetated shaded



native planting



picnic area



multi-use trail

accessible
well lit

public
amenities

clean

native habitat

EXISTING OPEN SPACE

EXISTING CONDITION

TRANSFORMATION TOOL



streets within the
boundaries of
established city
open space areas

vegetated
shaded



native planting



picnic area



multi-use trail



boat launch



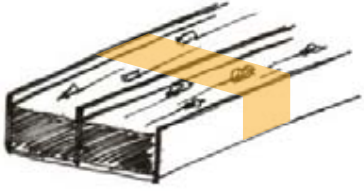
creek day-lighting

accessible
well lit

public
amenities

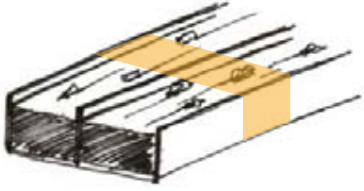
clean

native habitat

EXISTING CONDITION

impenetrable streets
resulting from infill and
freeway construction

barriers
walls
graffiti

EXISTING CONDITION

impenetrable streets
resulting from infill and
freeway construction

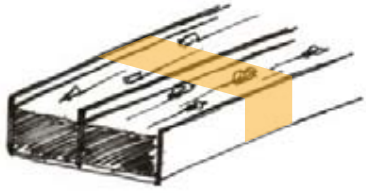
barriers
walls
graffiti

ATTRACTIVE

clean
accessible

EXISTING CONDITION

TRANSFORMATION TOOL



impenetrable streets
resulting from infill and
freeway construction

barriers
walls
graffiti



murals



greenwall/
sound barrier

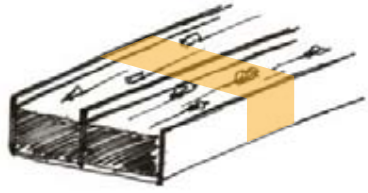
ATTRACTIVE

clean

accessible

EXISTING CONDITION

TRANSFORMATION TOOL



impenetrable streets
resulting from infill and
freeway construction

barriers
walls
graffiti

ATTRACTIVE

clean
accessible



murals



*greenwall/
sound barrier*

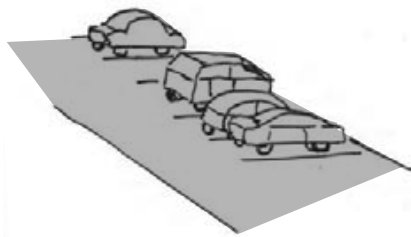


solar panels



pedestrian bridge

EXISTING CONDITION

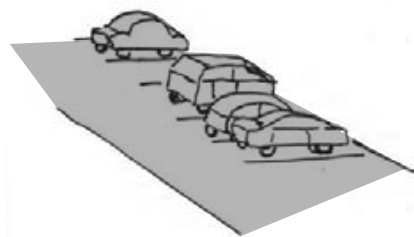


streets used as
parking areas

pavement
deserted

littered

EXISTING CONDITION



streets used as
parking areas

pavement
deserted

littered

PERMEABLE
well lit

multi-modal
oriented

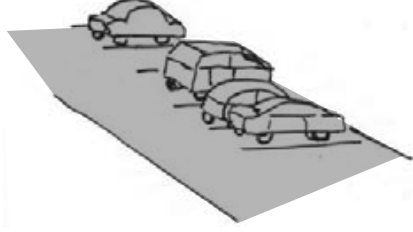
clean

SAFE

PARKING LOT

EXISTING CONDITION

TRANSFORMATION TOOL



murals



trees

streets used as
parking areas

pavement
deserted

littered

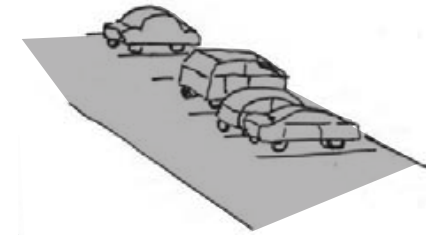
PERMEABLE
well lit

**multi-modal
oriented**

clean

SAFE

PARKING LOT



streets used as
parking areas

pavement
deserted

littered

TRANSFORMATION TOOL



murals



*temporary
gatherings*



trees



bioswale

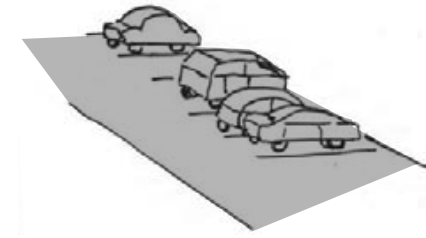
PERMEABLE
well lit

**multi-modal
oriented**

clean

SAFE

PARKING LOT



streets used as
parking areas

pavement
deserted

littered

PERMEABLE
well lit

multi-modal
oriented

clean

SAFE

TRANSFORMATION TOOL



murals



*temporary
gatherings*



car sharing



trees

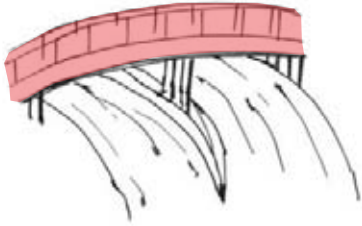


bioswale



porous paving

EXISTING CONDITION

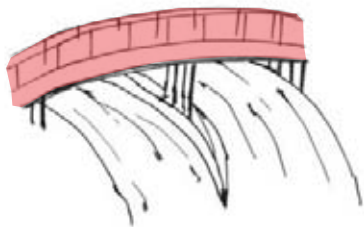


streets currently being
used as connectors in
the form of stairways,
pedestrian bridges,
and alleyways

narrow
dangerous
graffiti

covered
deserted
incomplete

EXISTING CONDITION



streets currently being
used as connectors in
the form of stairways,
pedestrian bridges,
and alleyways

narrow
dangerous
graffiti

covered
deserted
incomplete

usable

clean

WELL LIT

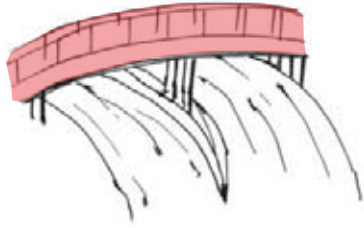
safe

navigable

PASSAGEWAY

EXISTING CONDITION

TRANSFORMATION TOOL



murals



way-finding

streets currently being
used as connectors in
the form of stairways,
pedestrian bridges,
and alleyways

narrow
dangerous
graffiti

covered
deserted
incomplete

usable

clean

WELL LIT

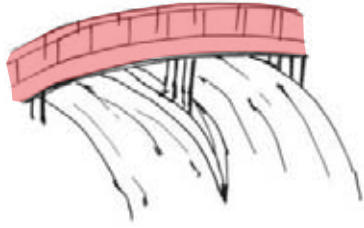
safe

navigable

PASSAGEWAY

EXISTING CONDITION

TRANSFORMATION TOOL



streets currently being
used as connectors in
the form of stairways,
pedestrian bridges,
and alleyways

narrow
dangerous
graffiti

covered
deserted
incomplete



murals



observation point



way-finding



pedestrian signals

usable

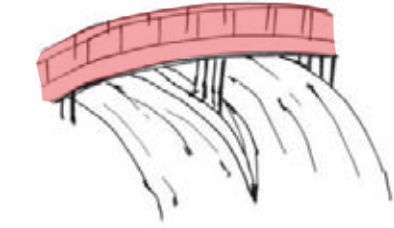
clean

WELL LIT

safe

navigable

PASSAGEWAY



streets currently being
used as connectors in
the form of stairways,
pedestrian bridges,
and alleyways

narrow
dangerous
graffiti

covered
deserted
incomplete

usable
clean
WELL LIT
safe navigable

TRANSFORMATION TOOL



murals



observation point



solar panels



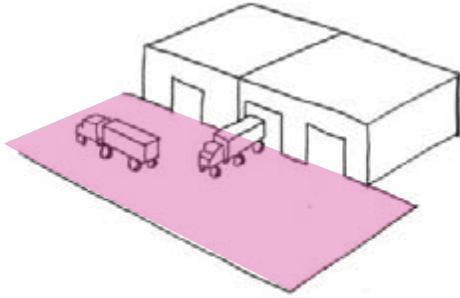
way-finding



pedestrian signals



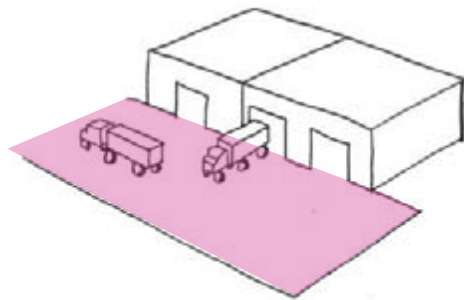
pedestrian bridge

EXISTING CONDITION

streets as usable roadway
for servicing,
and residential access,
often dead-end

wide noisy
deserted trafficked
pavement lacking
sidewalk
minimal striping
abandoned railroad tracks

EXISTING CONDITION



streets as usable roadway
for servicing
and residential access,
often dead-end

wide
deserted
pavement
sidewalk
minimal striping
abandoned railroad tracks

noisy
trafficked
lacking

PERMEABLE

well lit

multi-modal

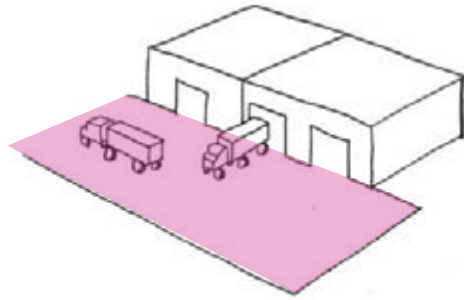
**pedestrian-
friendly**

clean

SAFE

EXISTING CONDITION

TRANSFORMATION TOOL



temporary gatherings



parklet

streets as usable roadway
for servicing
and residential access,
often dead-end

wide
deserted
pavement
sidewalk
minimal striping
abandoned railroad tracks

noisy
trafficked
lacking

PERMEABLE

well lit

multi-modal

pedestrian-
friendly

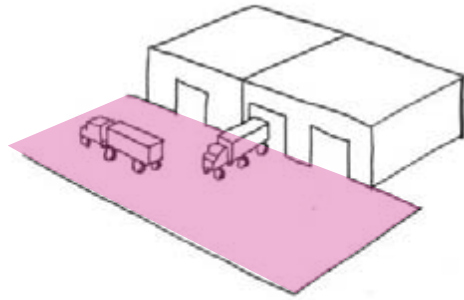
clean

SAFE

SERVICEWAY

EXISTING CONDITION

TRANSFORMATION TOOL



streets as usable roadway
for servicing
and residential access,
often dead-end

wide
deserted
pavement
sidewalk
minimal striping
abandoned railroad tracks

noisy
trafficked
lacking

PERMEABLE

well lit

multi-modal

**pedestrian-
friendly**

clean

SAFE



temporary
gatherings



bike lane



parklet



bioswale

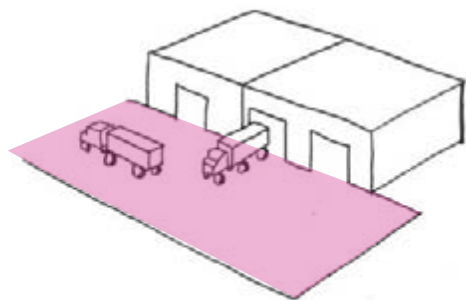
CITY-LED INITIATIVE <-----> COMMUNITY-LED INITIATIVE

TYPOLOGY TRANSFORMATION

.....

EXISTING CONDITION

TRANSFORMATION TOOL



streets as usable roadway
for servicing
and residential access,
often dead-end

wide deserted pavement
sidewalk minimal striping
noisy trafficked lacking
abandoned railroad tracks

PERMEABLE

well lit

multi-modal

pedestrian-
friendly

clean

SAFE



temporary gatherings



bike lane



pedestrian signals



parklet



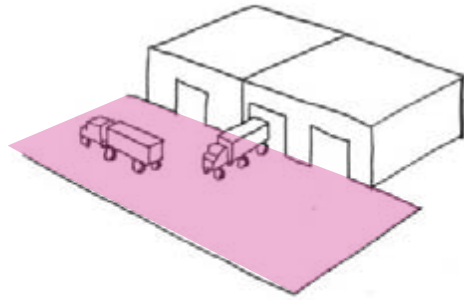
bioswale



bulb-out

EXISTING CONDITION

TRANSFORMATION TOOL



streets as usable roadway
for servicing
and residential access,
often dead-end

wide deserted pavement
sidewalk minimal striping
noisy trafficked lacking
abandoned railroad tracks

PERMEABLE
well lit
multi-modal

pedestrian-
friendly

SAFE
clean



temporary gatherings



bike lane



pedestrian signals



street closure/
conversion



parklet



bioswale



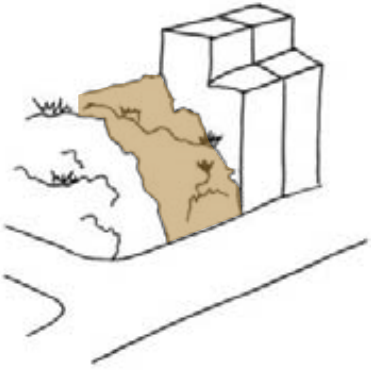
bulb-out



porous paving

STEEP SLOPE

EXISTING CONDITION

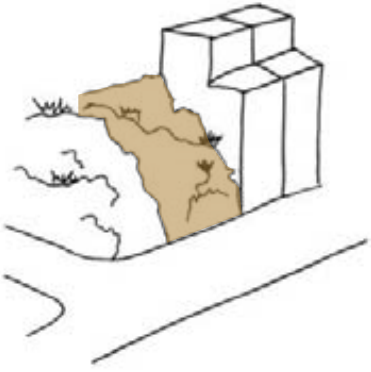


streets traversing steep
hillsides and rock
outcroppings

grading
sunny
rocky
fenced-off
compacted soil

views
weedy
stairways

EXISTING CONDITION



streets traversing steep
hillsides and rock
outcroppings

grading
sunny
rocky
fenced-off
compacted soil

views
weedy
stairways

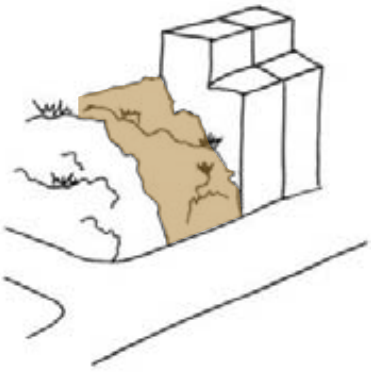
accessible

well lit
habitat natural

USABLE
destination

STEEP SLOPE

EXISTING CONDITION



streets traversing steep
hillsides and rock
outcroppings

grading
sunny
rocky
fenced-off
compacted soil

views
weedy
stairways

accessible

well lit
natural
habitat

USABLE
destination

TRANSFORMATION TOOL



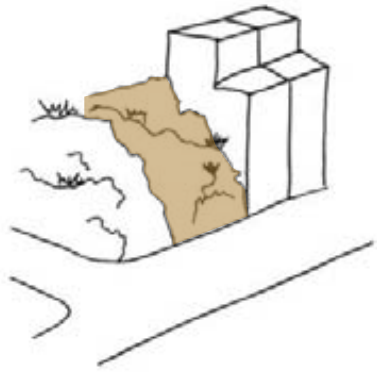
observation point



community art

STEEP SLOPE

EXISTING CONDITION



TRANSFORMATION TOOL



observation point



urban agriculture & terraced garden



community art



native planting

streets traversing steep hillsides and rock outcroppings

grading
sunny
rocky
fenced-off
compacted soil

views
weedy
stairways

accessible

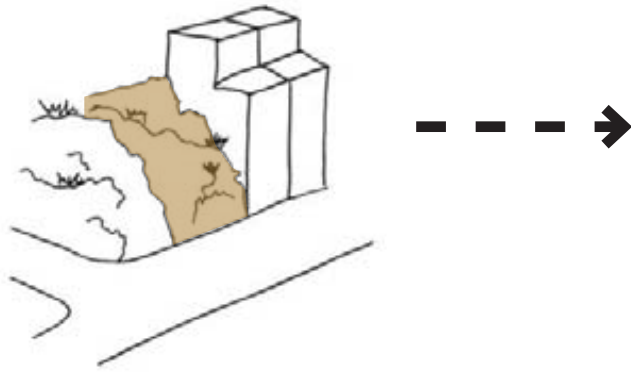
well lit
natural
habitat

USABLE
destination

STEEP SLOPE

EXISTING CONDITION

TRANSFORMATION TOOL



streets traversing steep hillsides and rock outcroppings

grading
sunny
rocky
fenced-off
compacted soil

views
weedy
stairways

accessible

well lit
habitat natural

USABLE
destination



observation point



urban agriculture & terraced garden



stairway



community art

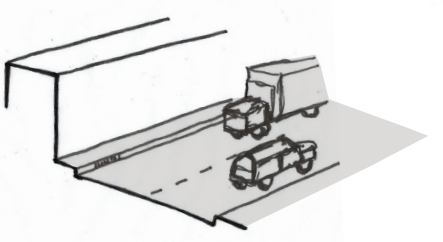


native planting



playground slide

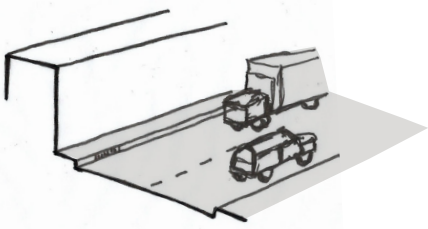
EXISTING CONDITION



improved streets that are
paved, with sidewalks
and sewers, used as
public thoroughfares but
not maintained by the city

pavement noisy
car-oriented
minimal sidewalks

EXISTING CONDITION



improved streets that are
paved, with sidewalks
and sewers, used as
public thoroughfares but
not maintained by the city

pavement noisy
car-oriented
minimal sidewalks

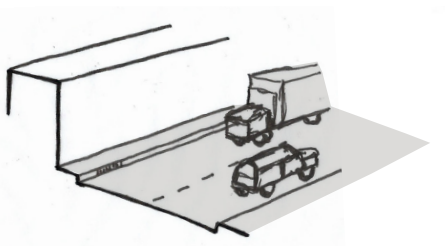
**pedestrian-
friendly**

well lit

multi-modal
attractive

EXISTING CONDITION

TRANSFORMATION TOOL



public art



temporary gatherings

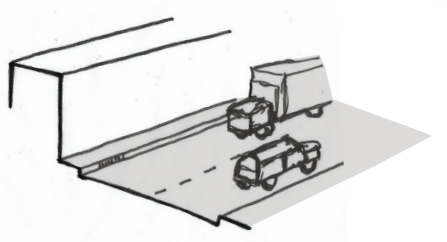
improved streets that are paved, with sidewalks and sewers, used as public thoroughfares but not maintained by the city

pavement noisy
car-oriented
minimal sidewalks

pedestrian-
friendly

well lit
multi-modal
attractive

EXISTING CONDITION



TRANSFORMATION TOOL



public art



bike pod station



temporary gatherings



parklet

improved streets that are paved, with sidewalks and sewers, used as public thoroughfares but not maintained by the city

pavement noisy
car-oriented
minimal sidewalks

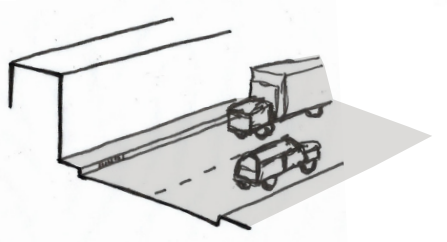
pedestrian-
friendly

well lit

multi-modal
attractive

EXISTING CONDITION

TRANSFORMATION TOOL



improved streets that are paved, with sidewalks and sewers, used as public thoroughfares but not maintained by the city

pavement noisy
car-oriented
minimal sidewalks



public art



bike pod station



bike lane



temporary gatherings



parquet



pedestrian signals

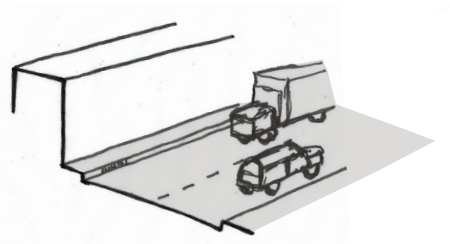
pedestrian-
friendly

well lit

multi-modal
attractive

EXISTING CONDITION

TRANSFORMATION TOOL



improved streets that are paved, with sidewalks and sewers, used as public thoroughfares but not maintained by the city

pavement
car-oriented
minimal sidewalks

pedestrian-friendly

well lit

multi-modal
attractive



public art



bike pod station



bike lane



bioswale



temporary gatherings



parklet



pedestrian signals

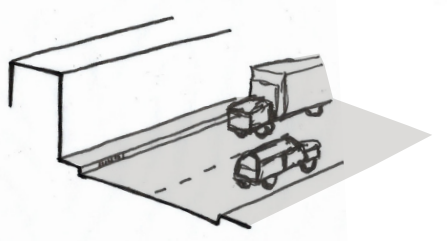


street trees

STREET

EXISTING CONDITION

TRANSFORMATION TOOL



improved streets that are paved, with sidewalks and sewers, used as public thoroughfares but not maintained by the city

pavement
car-oriented
noisy
minimal sidewalks

pedestrian-friendly

well lit
multi-modal
attractive



public art



bike pod station



bike lane



bioswale



bulb-outs



temporary gatherings



parklet



pedestrian signals



street trees



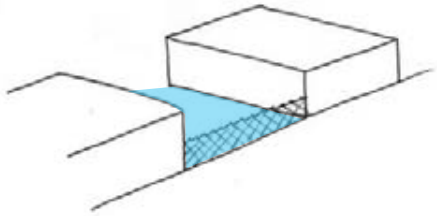
street closure/
conversion

CITY-LED INITIATIVE <-----> COMMUNITY-LED INITIATIVE

TYPOLOGY TRANSFORMATION



EXISTING CONDITION

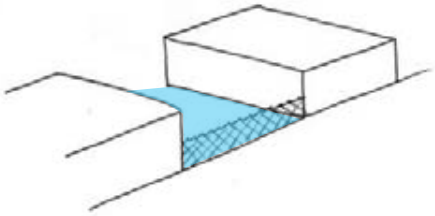


streets occurring on
vacant areas, normally
fenced, littered, and
weedy

flat
littered
deserted
compacted soil
between buildings

fenced off
weedy

EXISTING CONDITION



streets occurring on
vacant areas, normally
fenced, littered, and
weedy

flat
littered
deserted
compacted soil
between buildings

fenced off
weedy

accessible

well lit

attractive

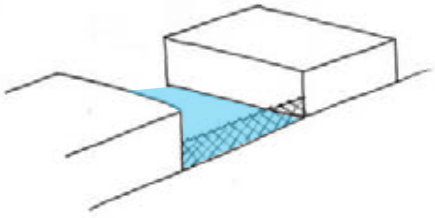
planted

natural habitat
clean

UTILIZED

EXISTING CONDITION

TRANSFORMATION TOOL



community space



urban agriculture

streets occurring on
vacant areas, normally
fenced, littered, and
weedy

flat
littered
deserted
compacted soil
between buildings

fenced off
weedy

accessible

well lit

attractive

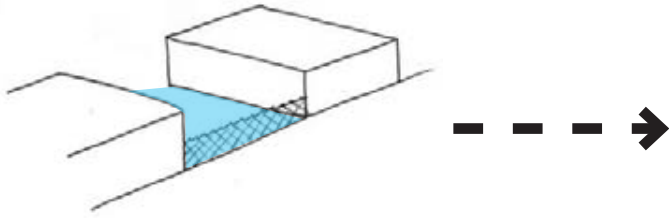
planted

natural habitat
clean

UTILIZED

EXISTING CONDITION

TRANSFORMATION TOOL



streets occurring on
vacant areas, normally
fenced, littered, and
weedy

flat
littered
deserted
compacted soil
between buildings

accessible

well lit

attractive

planted

natural habitat
clean

UTILIZED



community space



native planting



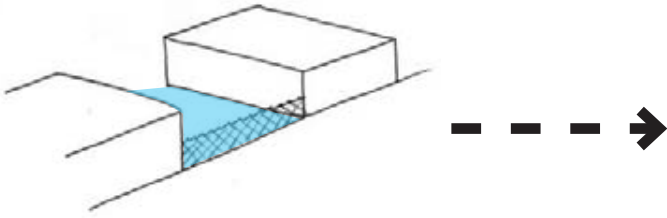
urban agriculture



green wall

EXISTING CONDITION

TRANSFORMATION TOOL



streets occurring on
vacant areas, normally
fenced, littered, and
weedy

flat
littered
deserted
compacted soil
between buildings

fenced off
weedy

accessible

well lit

attractive

planted

natural habitat
clean

UTILIZED



community space



native planting



playground



urban agriculture



green wall

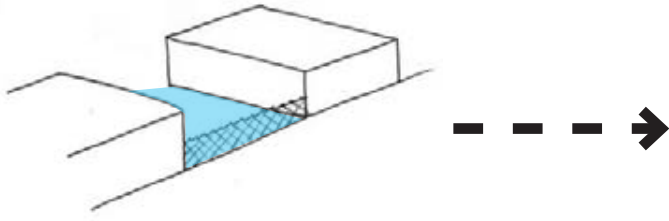


recreation court

VACANT SPACE

EXISTING CONDITION

TRANSFORMATION TOOL



streets occurring on
vacant areas, normally
fenced, littered, and
weedy

flat
littered
deserted
compacted soil
between buildings

accessible

well lit

attractive

planted

natural habitat
clean

UTILIZED



community space



native planting



playground



creative reuse:
retail



water storage



urban agriculture



greenwall

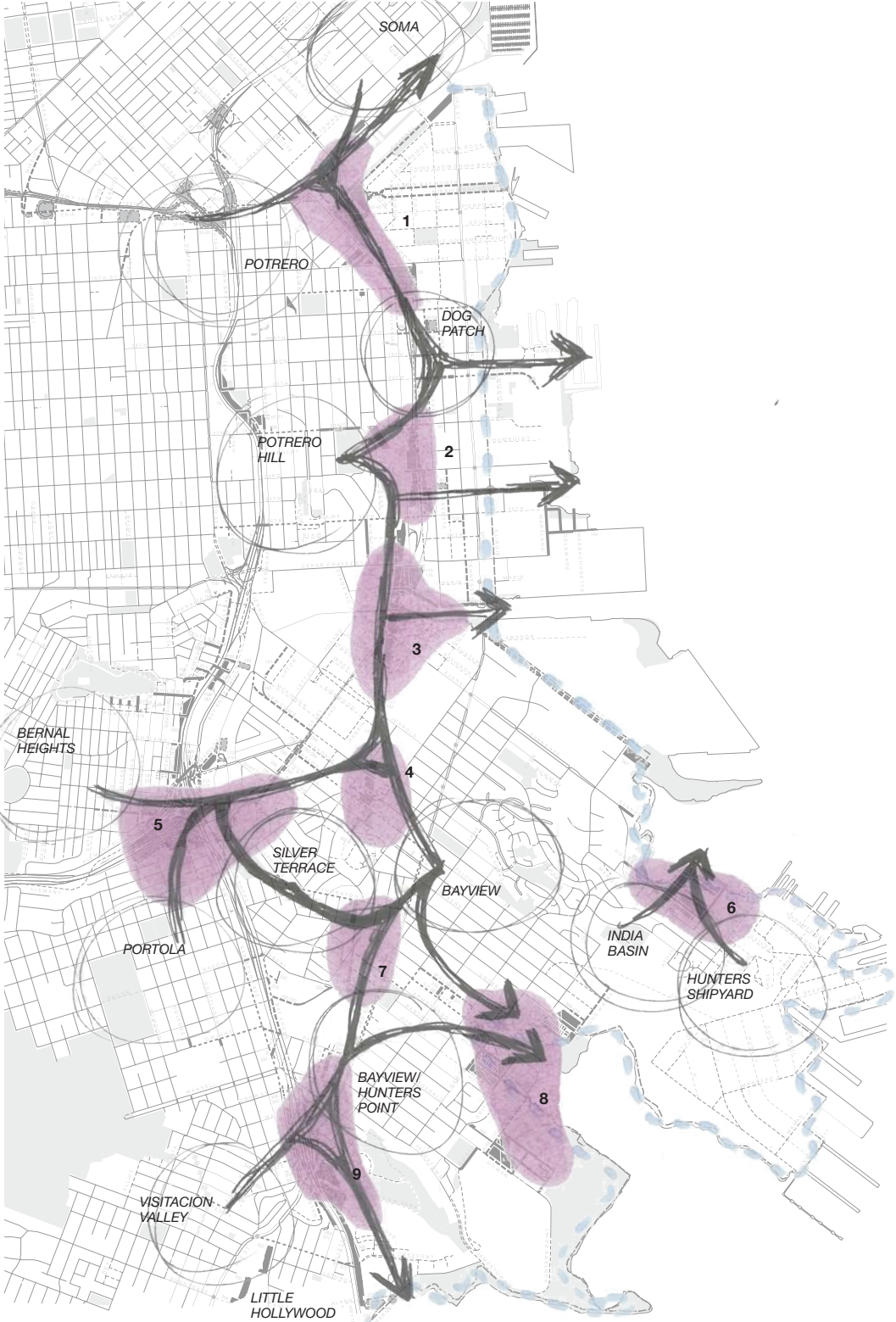


recreation court

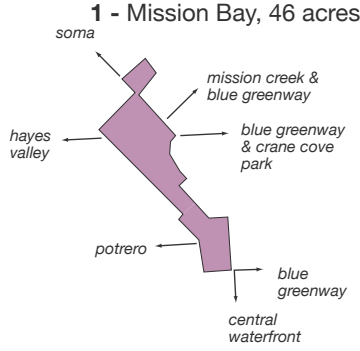
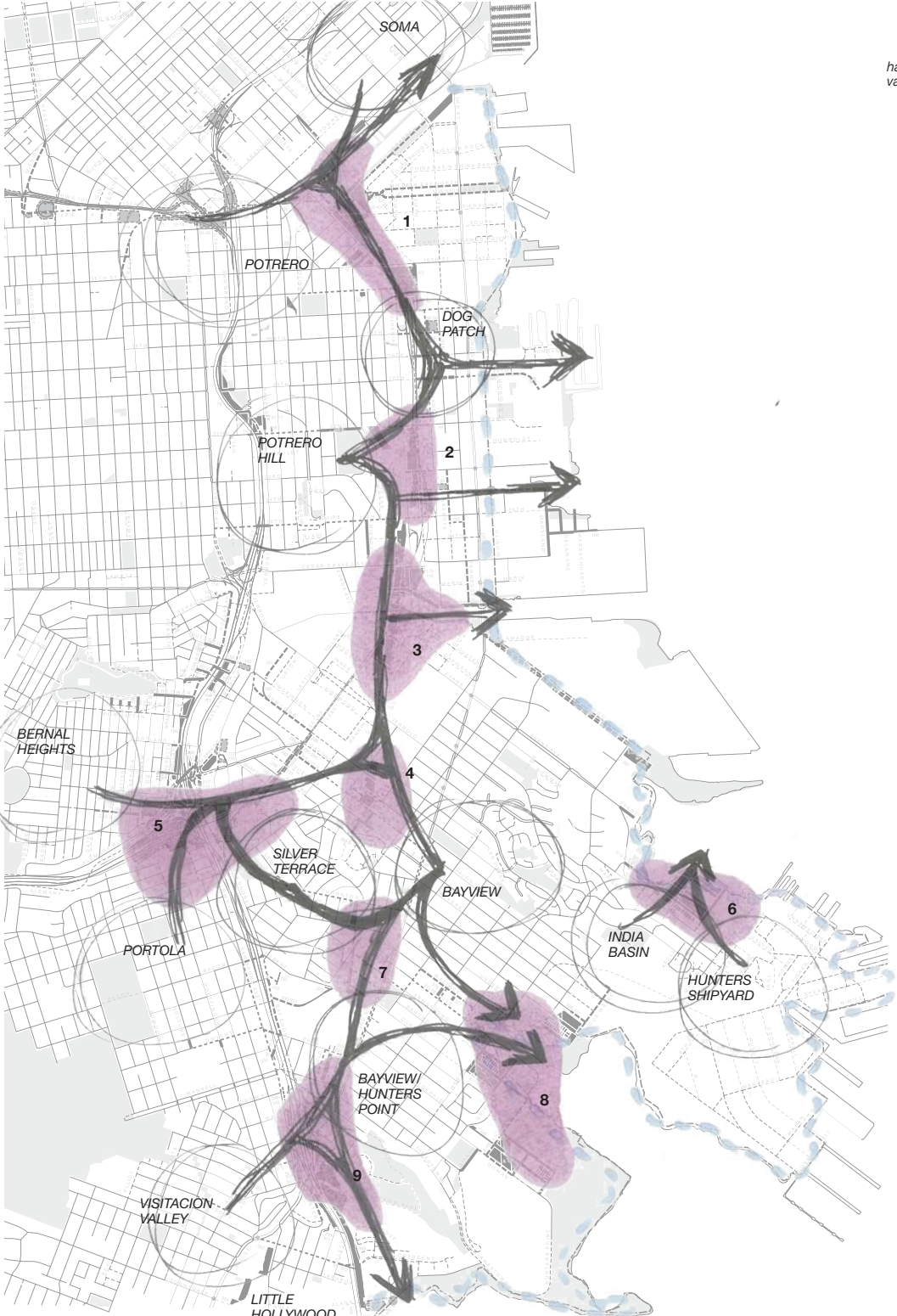


private development:
% open space
improvement required

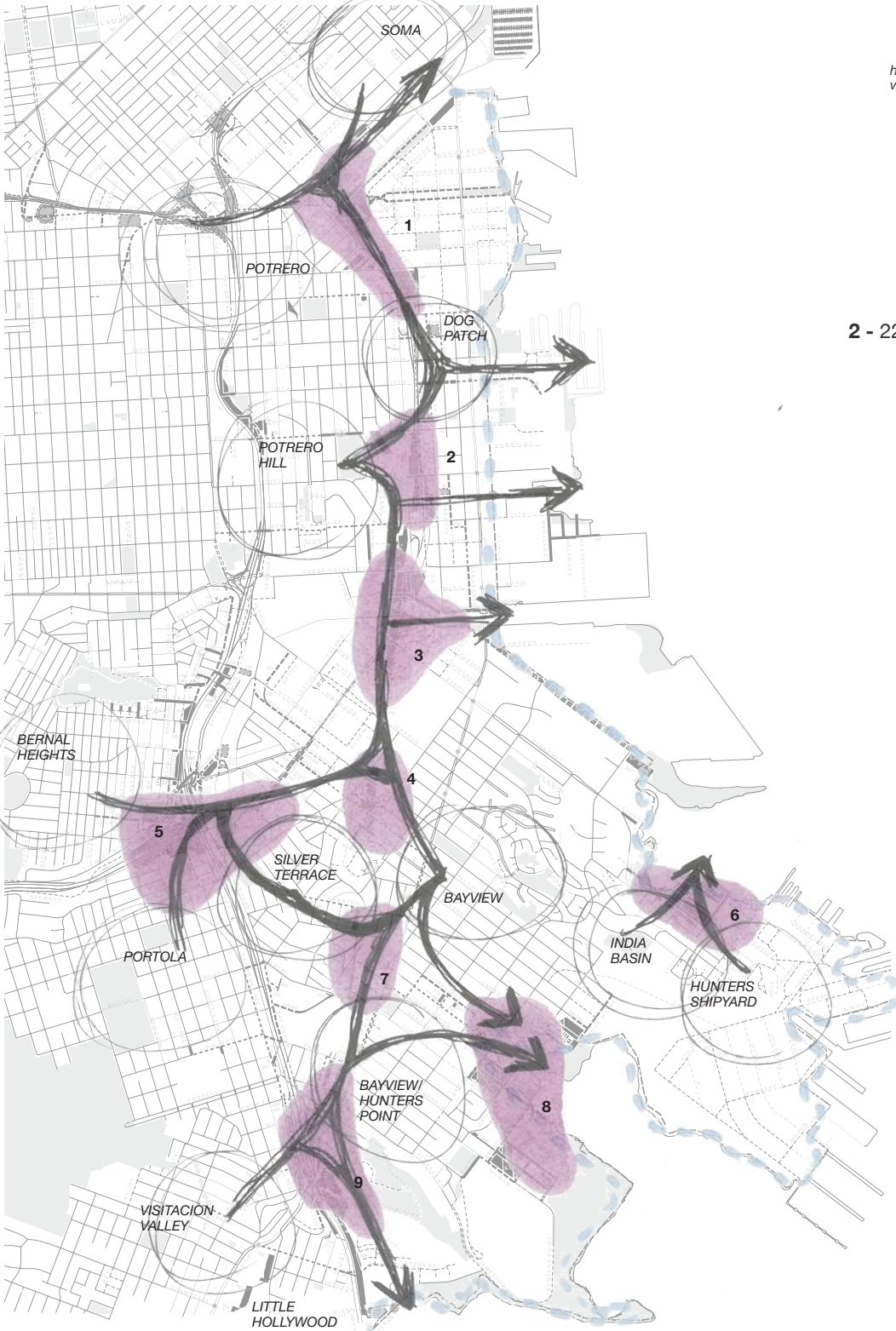
9 COMPLEXES
Concentrations of streets and spaces



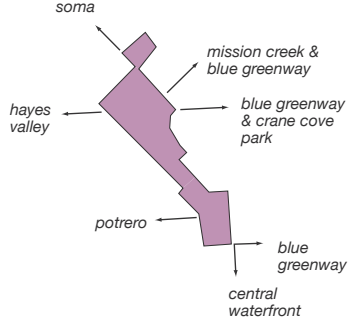
9 COMPLEXES
Concentrations of streets and spaces



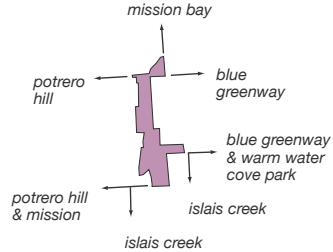
9 COMPLEXES
Concentrations of streets and spaces



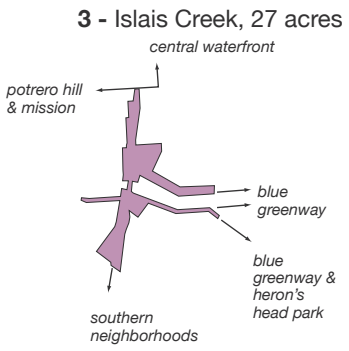
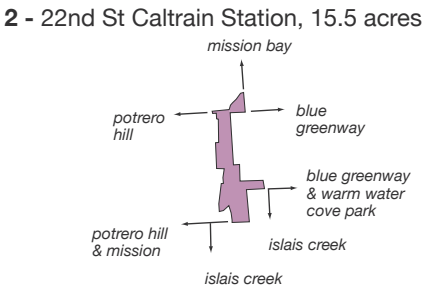
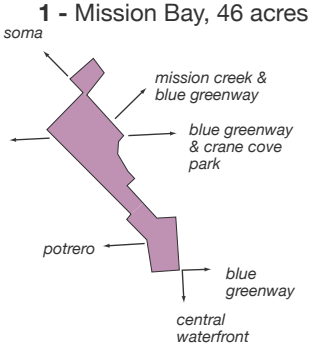
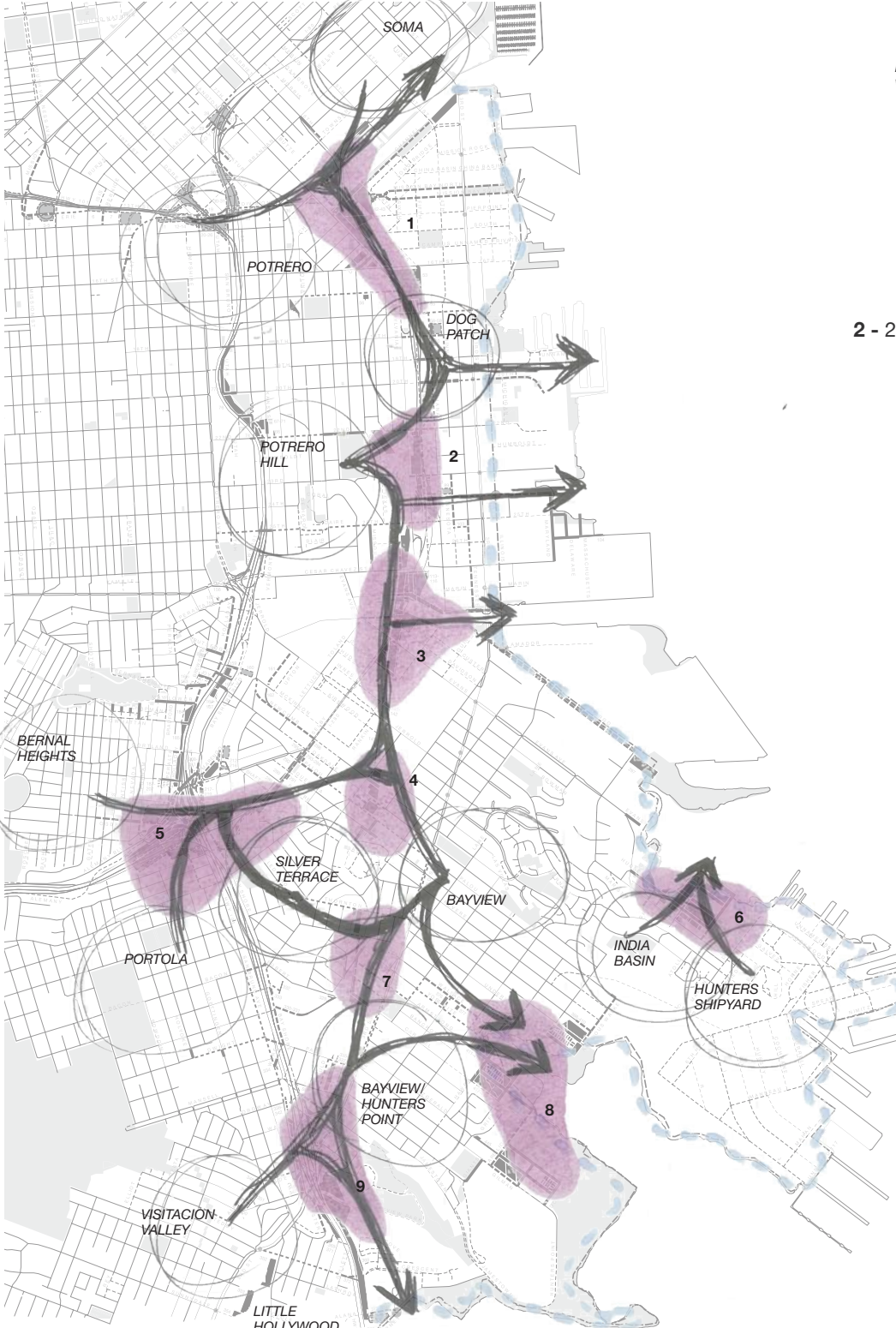
1 - Mission Bay, 46 acres



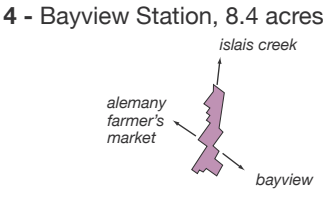
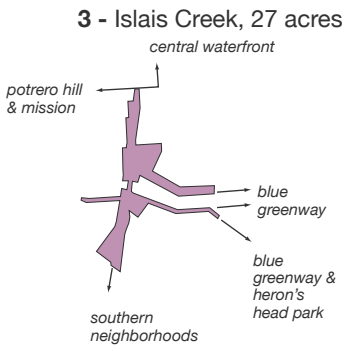
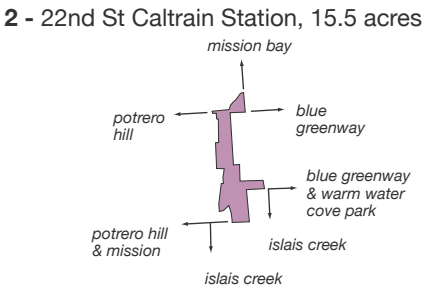
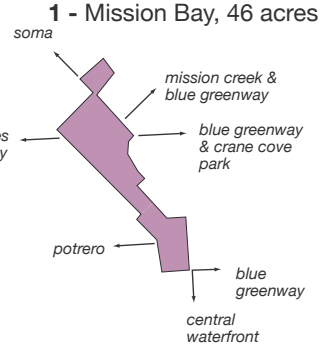
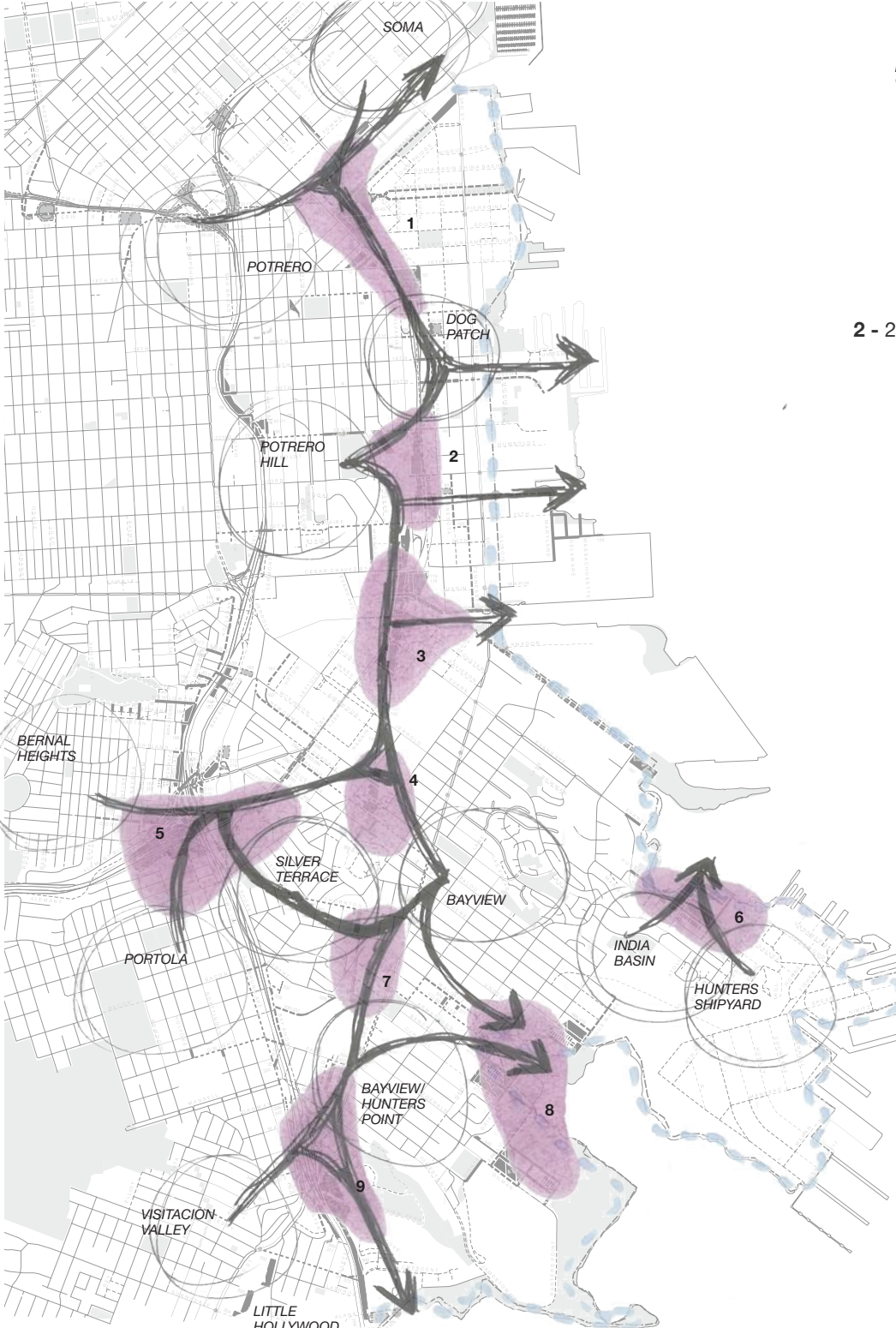
2 - 22nd St Caltrain Station, 15.5 acres



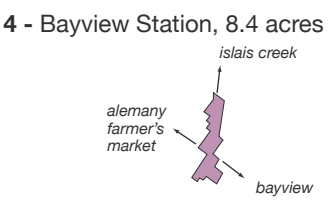
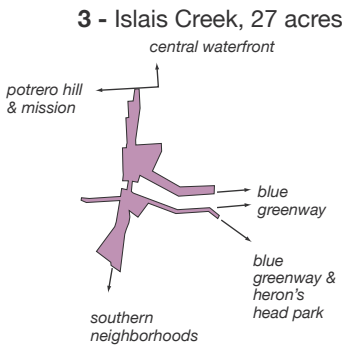
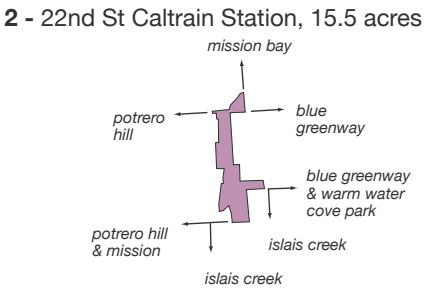
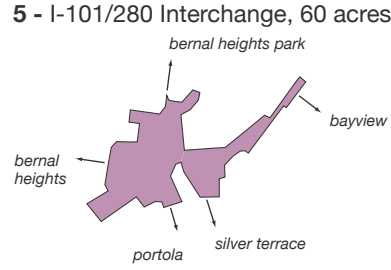
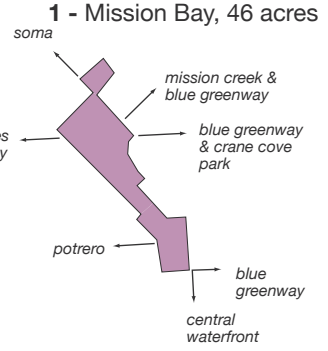
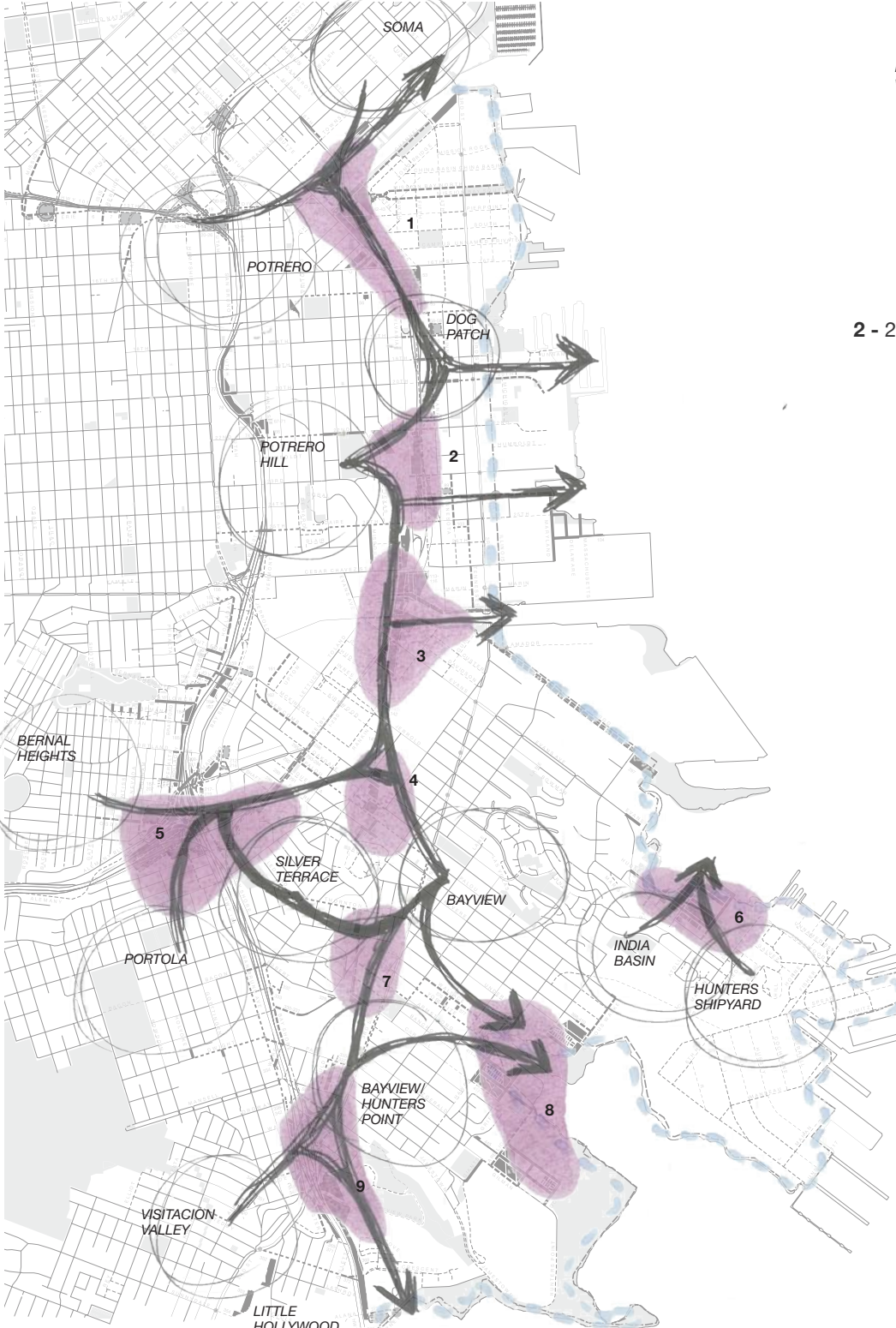
9 COMPLEXES
Concentrations of streets and spaces



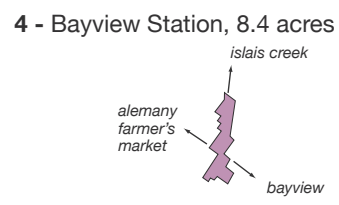
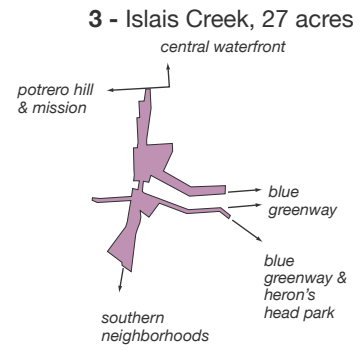
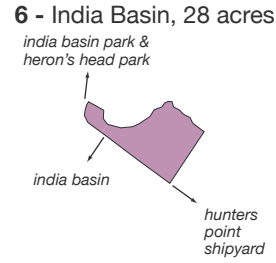
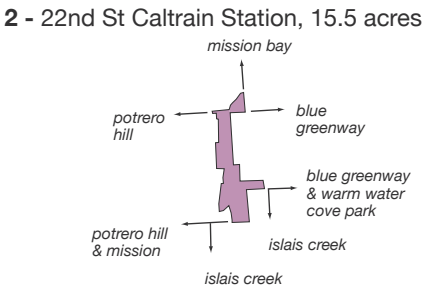
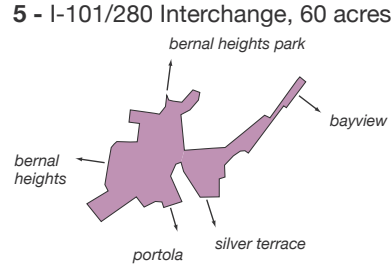
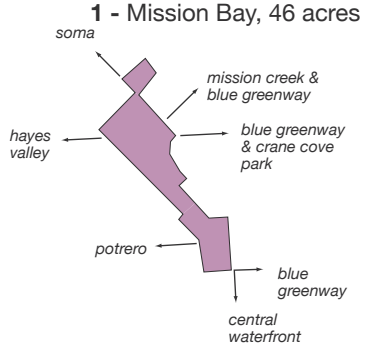
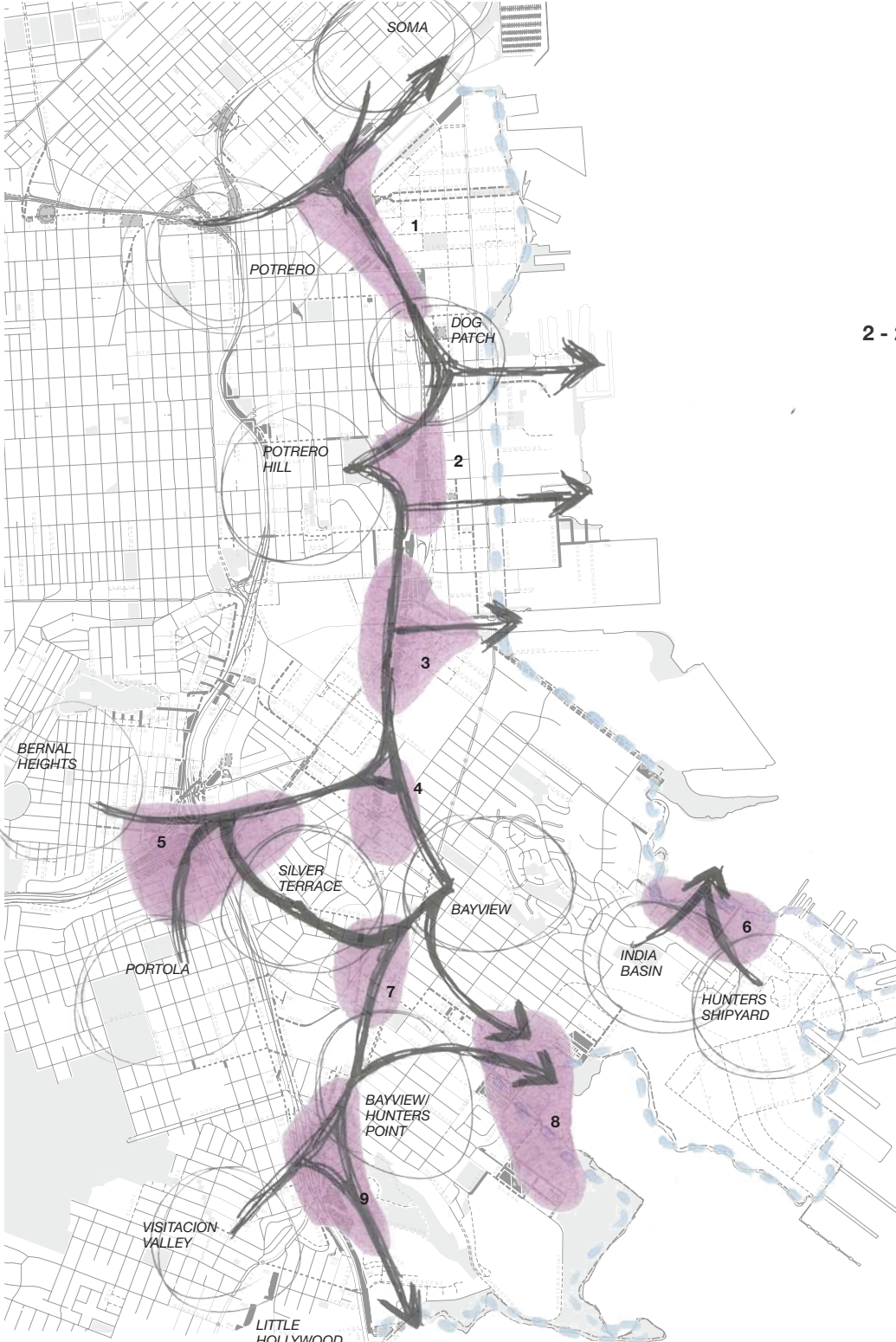
9 COMPLEXES
Concentrations of streets and spaces



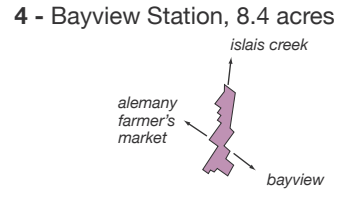
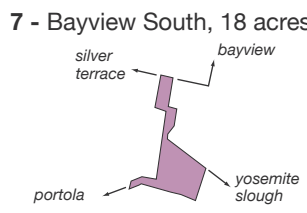
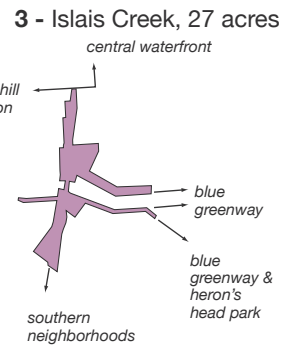
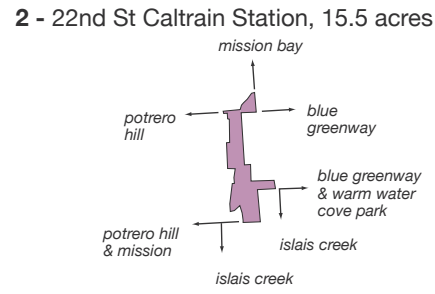
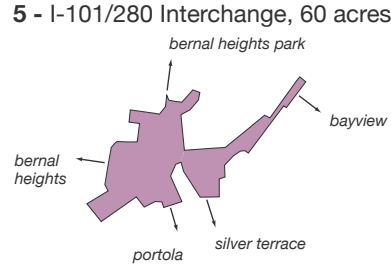
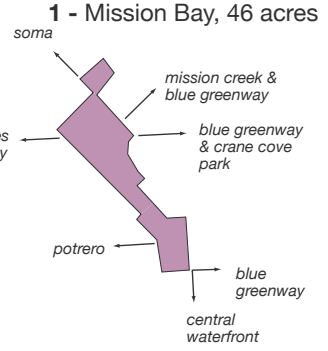
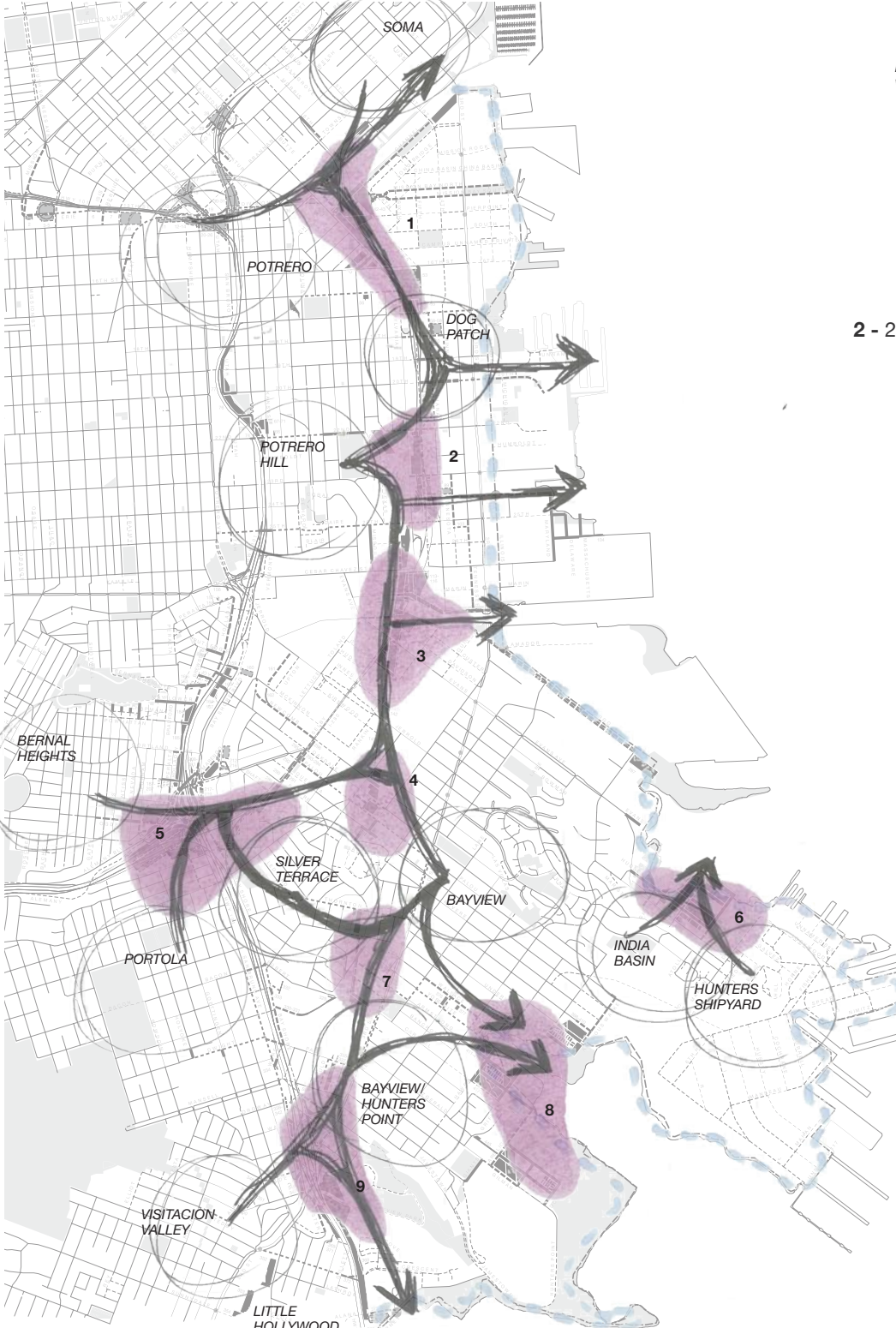
9 COMPLEXES
Concentrations of streets and spaces



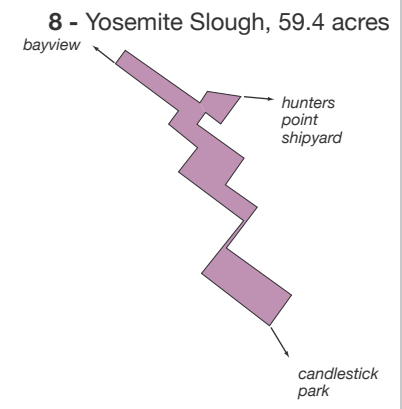
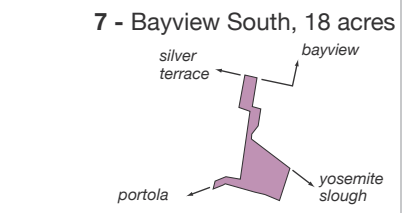
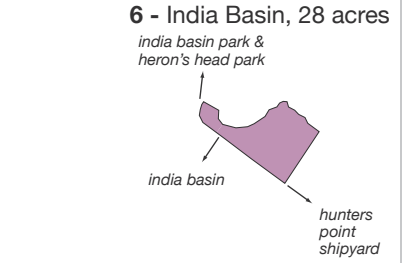
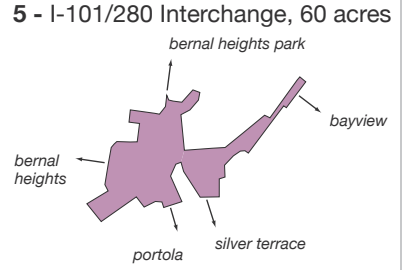
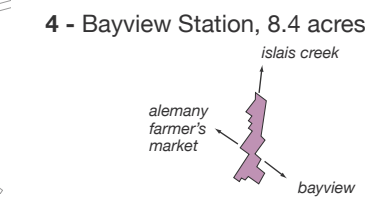
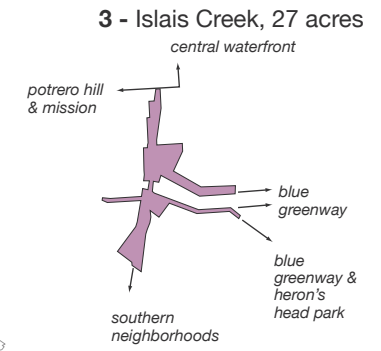
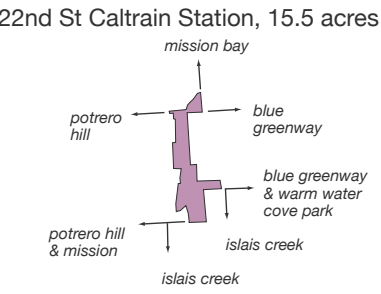
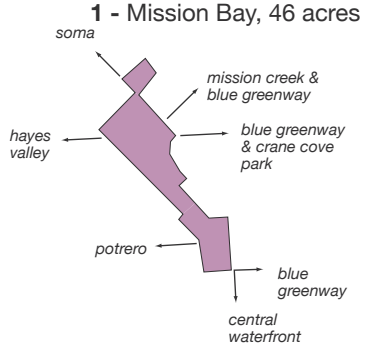
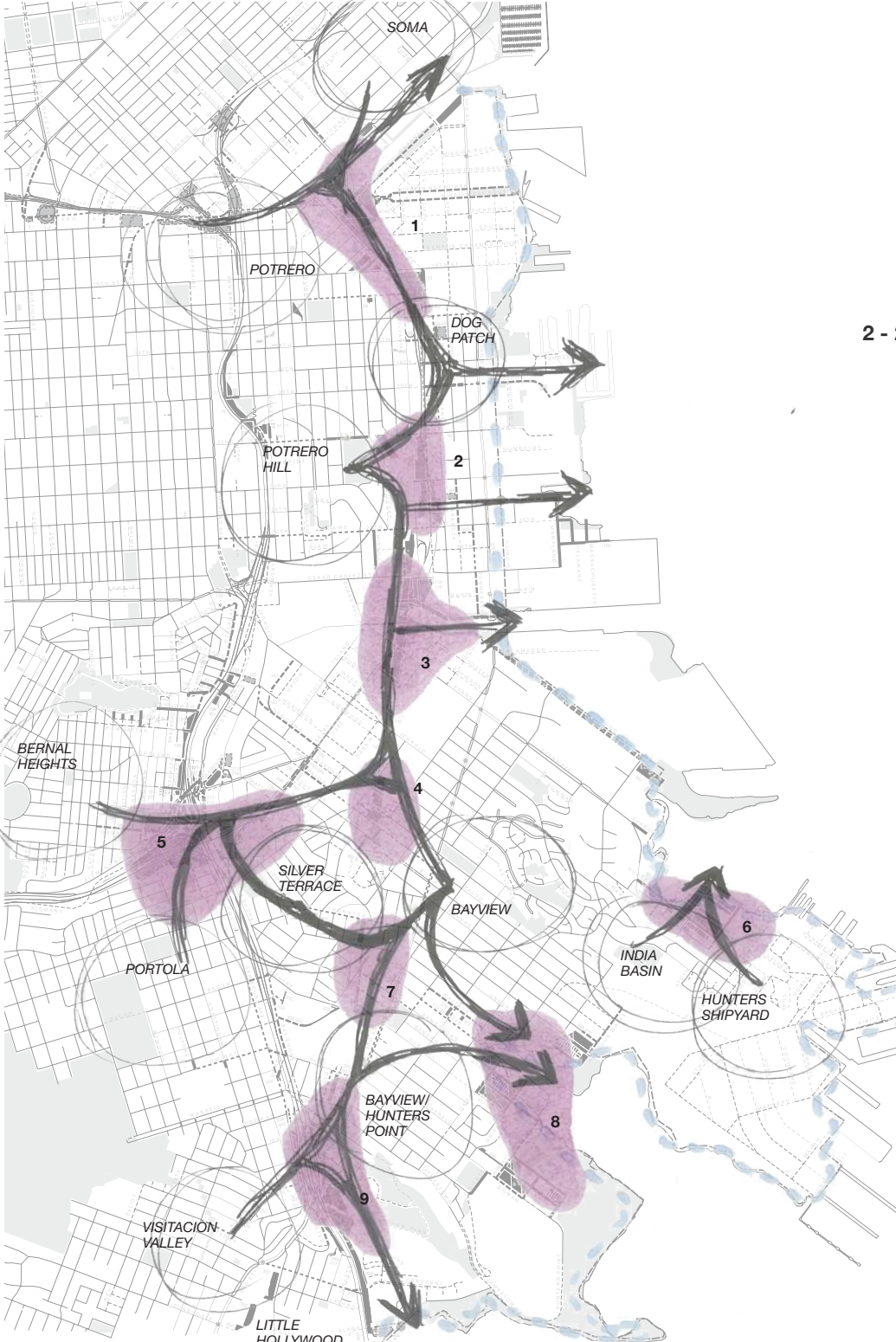
9 COMPLEXES
Concentrations of streets and spaces



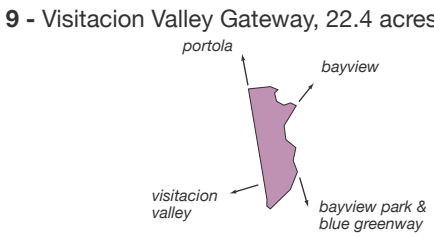
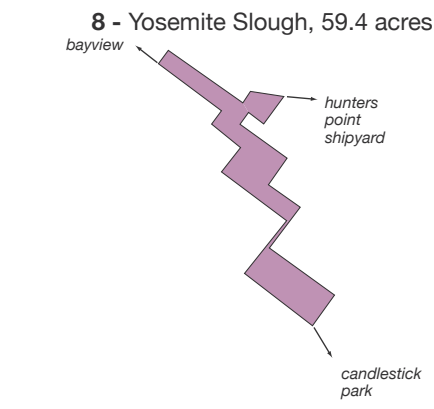
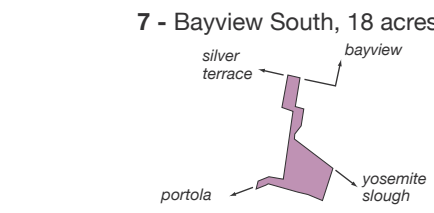
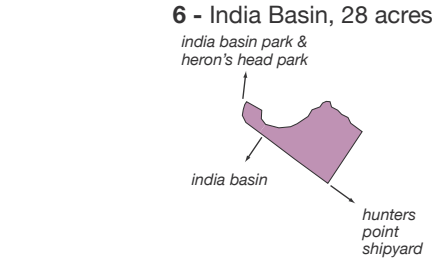
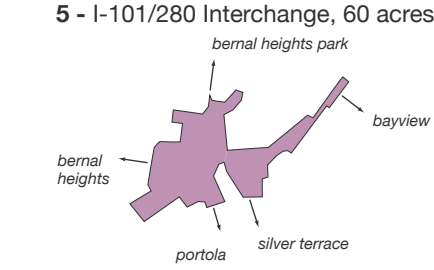
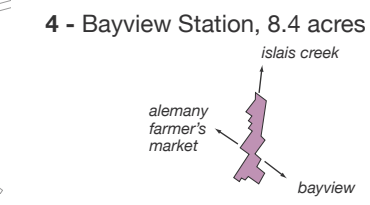
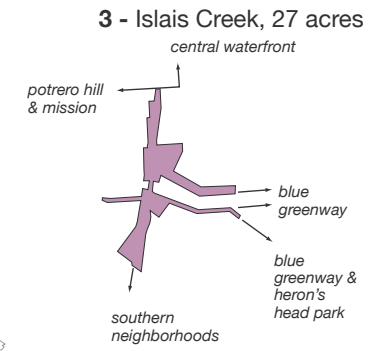
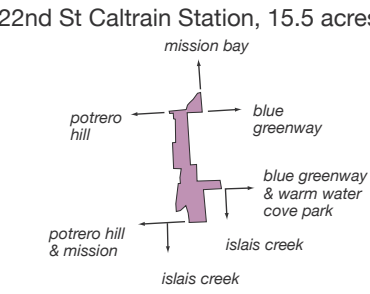
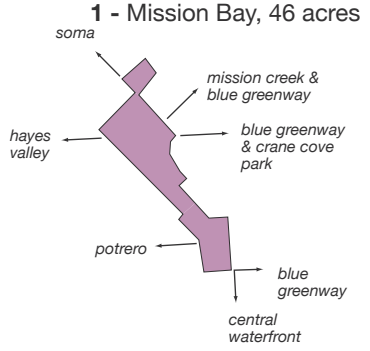
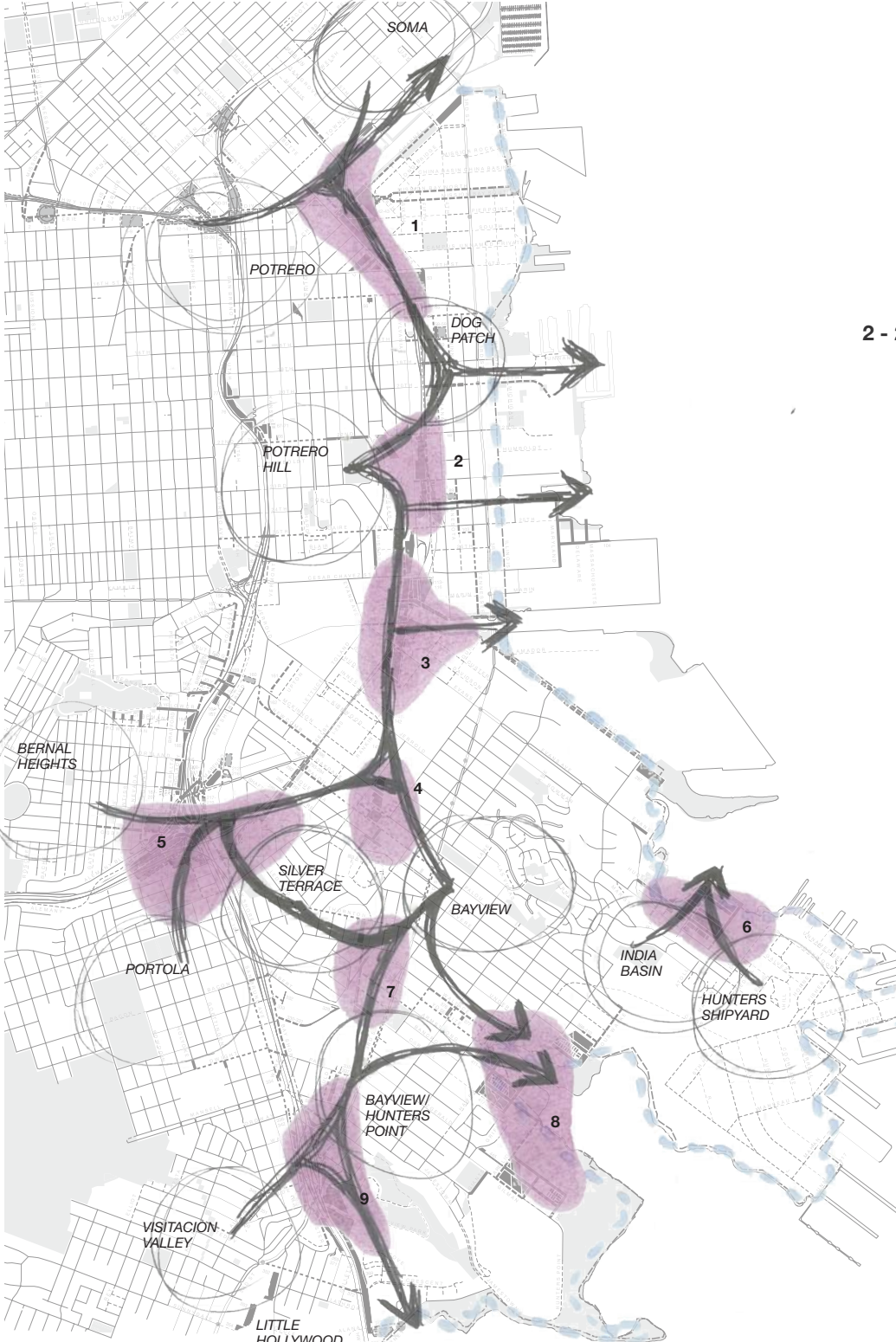
9 COMPLEXES
Concentrations of streets and spaces



9 COMPLEXES
Concentrations of streets and spaces



9 COMPLEXES
Concentrations of streets and spaces



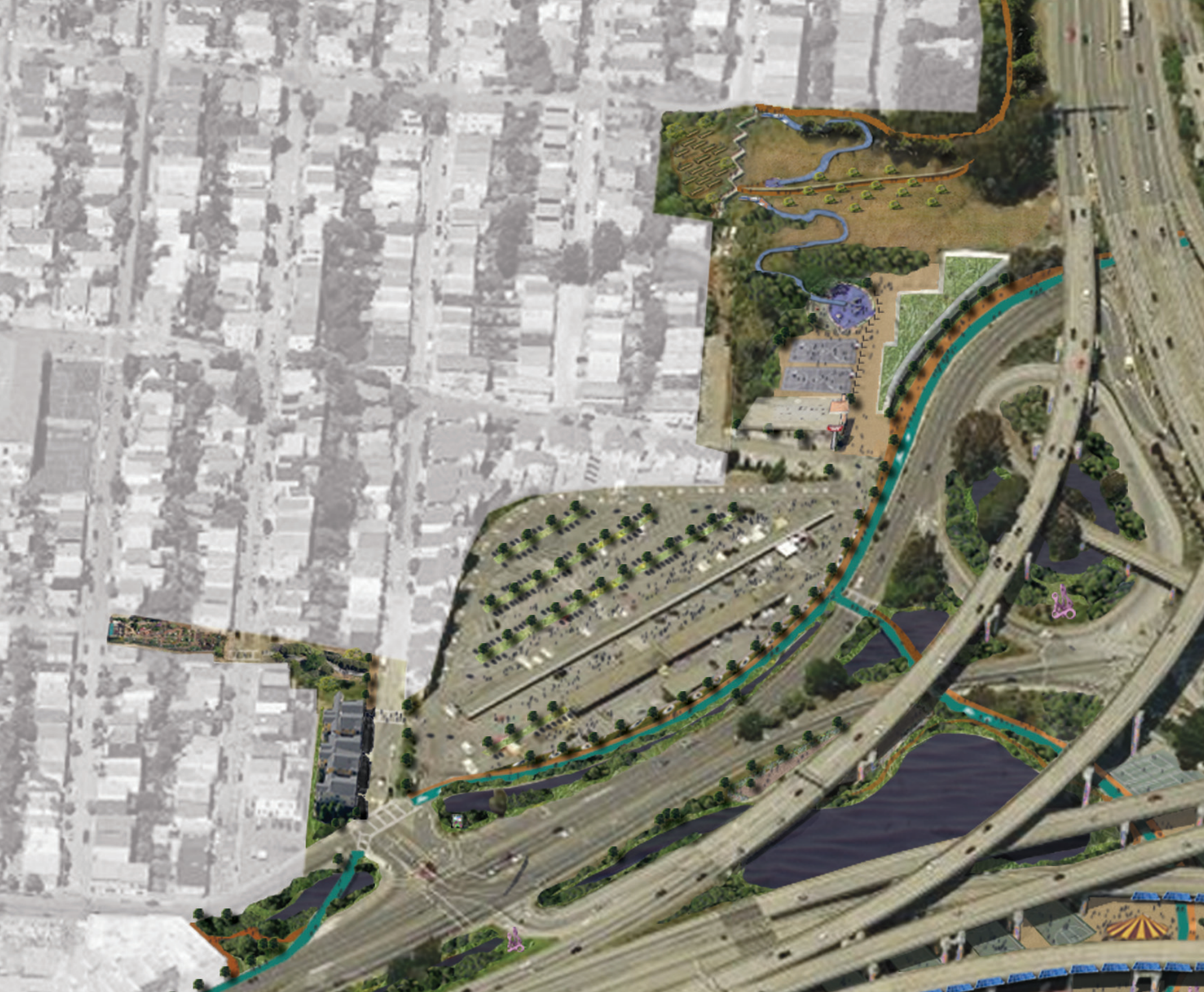


I-101/280 INTERCHANGE





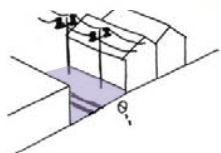
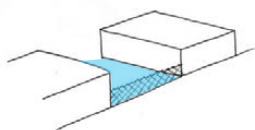
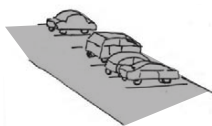
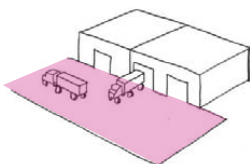
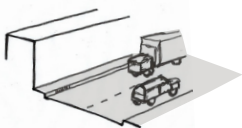
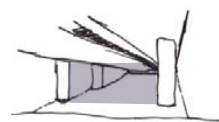
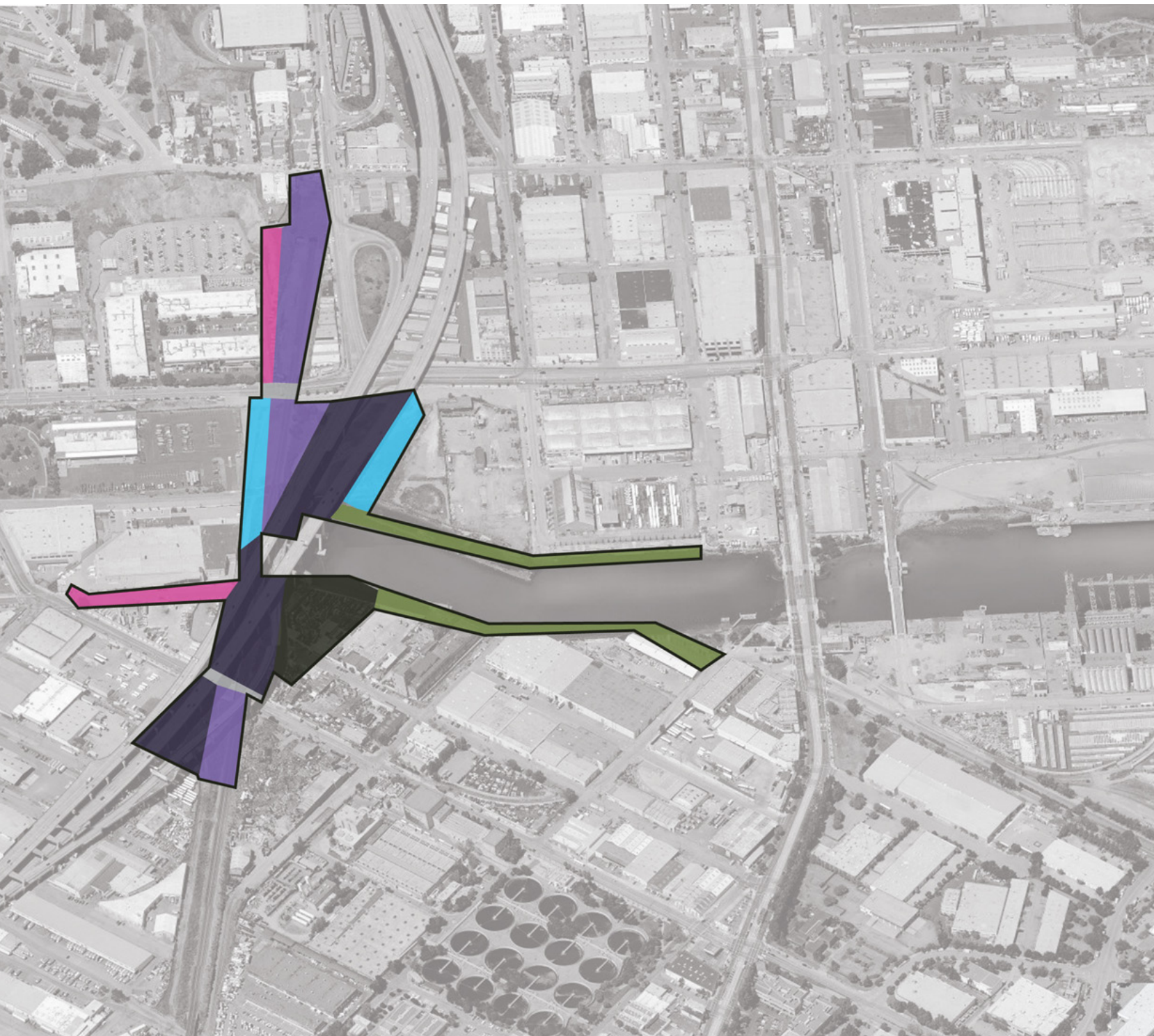






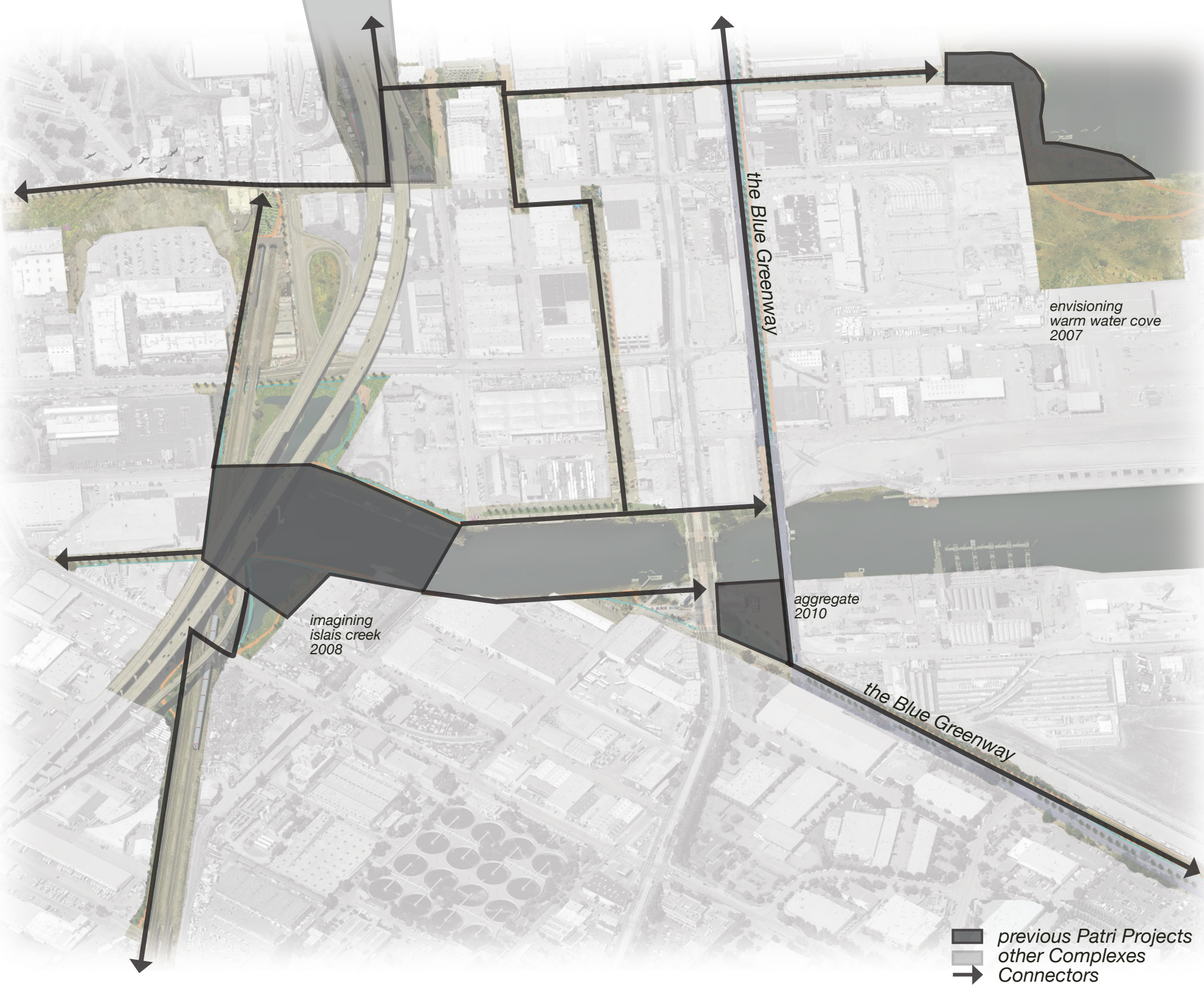


I-101/280 INTERCHANGE

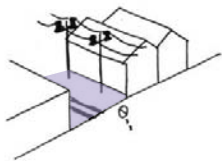


ISLAIS CREEK

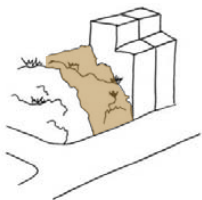




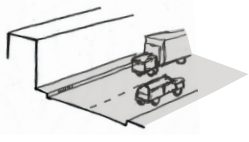
26 connectors



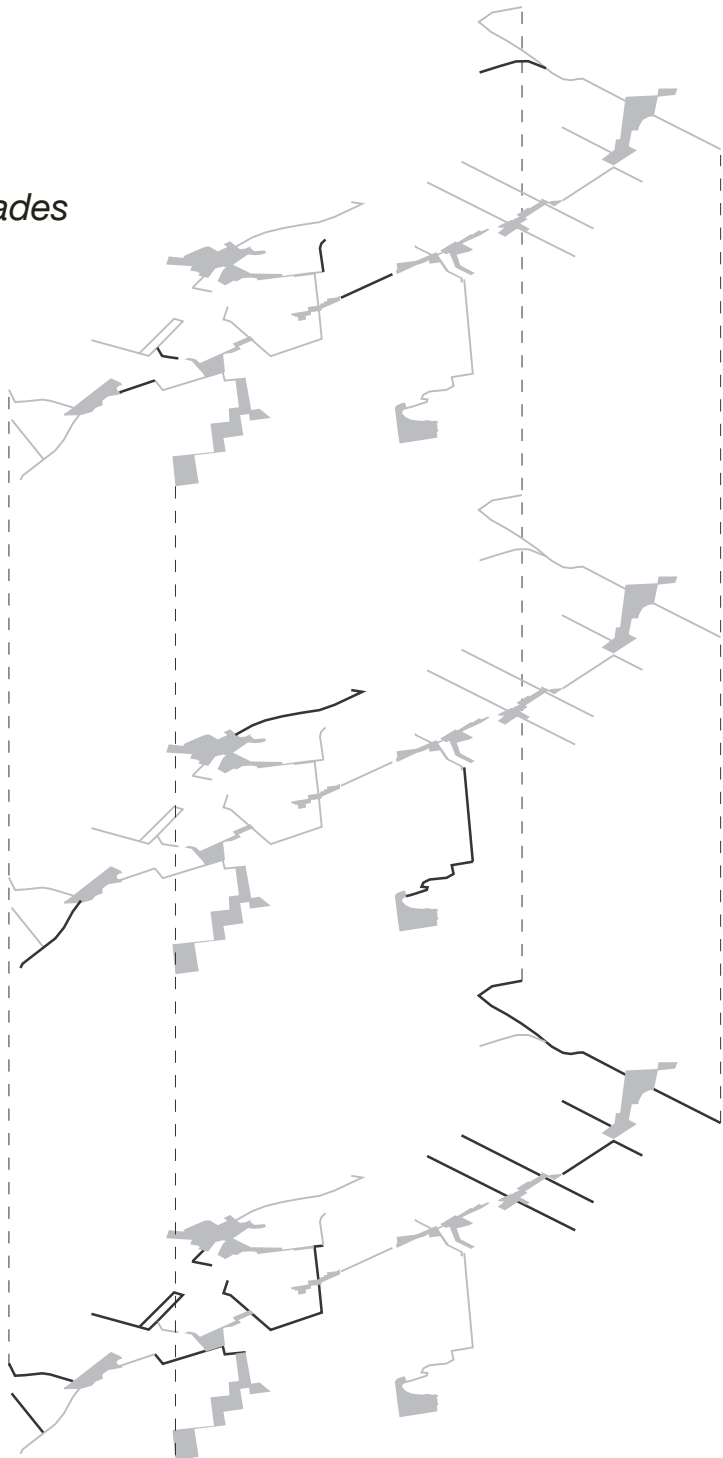
railway promenades



urban trails



streetscape corridors



the Blue Greenway

*SFBC
ConnectingSF*

*Caltrain &
High Speed Rail*

*PUC Sewer System
Master Plan*

*SF Planning
Green Connectors*

*SF Planning Open Space
Vision 2100*

- blue greenway
- - - green connectors
- - - sewer system
- caltrain
- connectingSF
- vision 2100
- existing open space
- patri network

