

The background is a vibrant, stylized illustration of a tropical jungle. A waterfall cascades down the center, surrounded by large, detailed leaves in shades of green and yellow. A string of pearls hangs from the top left. In the bottom left corner, there is a blue leaf, and in the bottom right, there are pink and orange floral patterns.

WYNWOOD

STREETSCAPE &
STREET TREE
MASTERPLAN

PROGRESS

02.20.2019

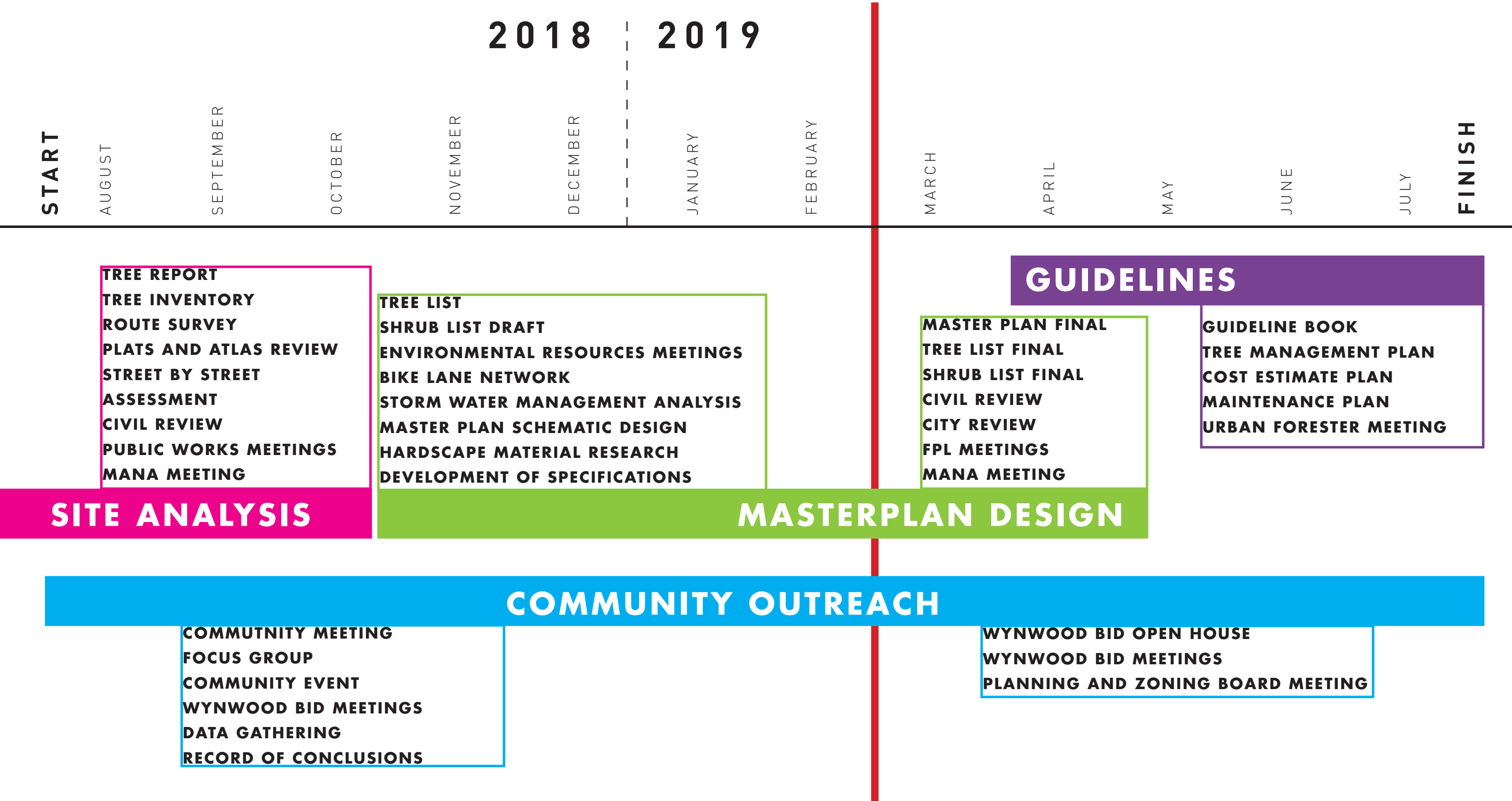


SCORPION

- **PROJECT TIMELINE**
 - CURRENT STATUS
- **ENHANCED PEDESTRIAN EXPERIENCE**
 - BICYCLE NETWORK
 - PROPOSED NRD ADJUSTMENTS
 - SAFETY + WALKABILITY
- **DESIGN APPROACH + MATERIALS**
 - TREES
 - SHRUBS + GROUNDCOVERS
 - HARDSCAPE
 - DETAIL SECTION + SUBGRADE
- **DESIGN CONCEPTS APPLIED**
 - 5TH AVENUE
 - 28TH STREET
 - WOONERFS
 - 1ST PLACE
 - 1ST AVE
- **NEXT STEPS**
 - ARTISTIC WAYFINDING + FURNISHINGS

WYNWOOD STREESCAPE

PROJECT TIMELINE

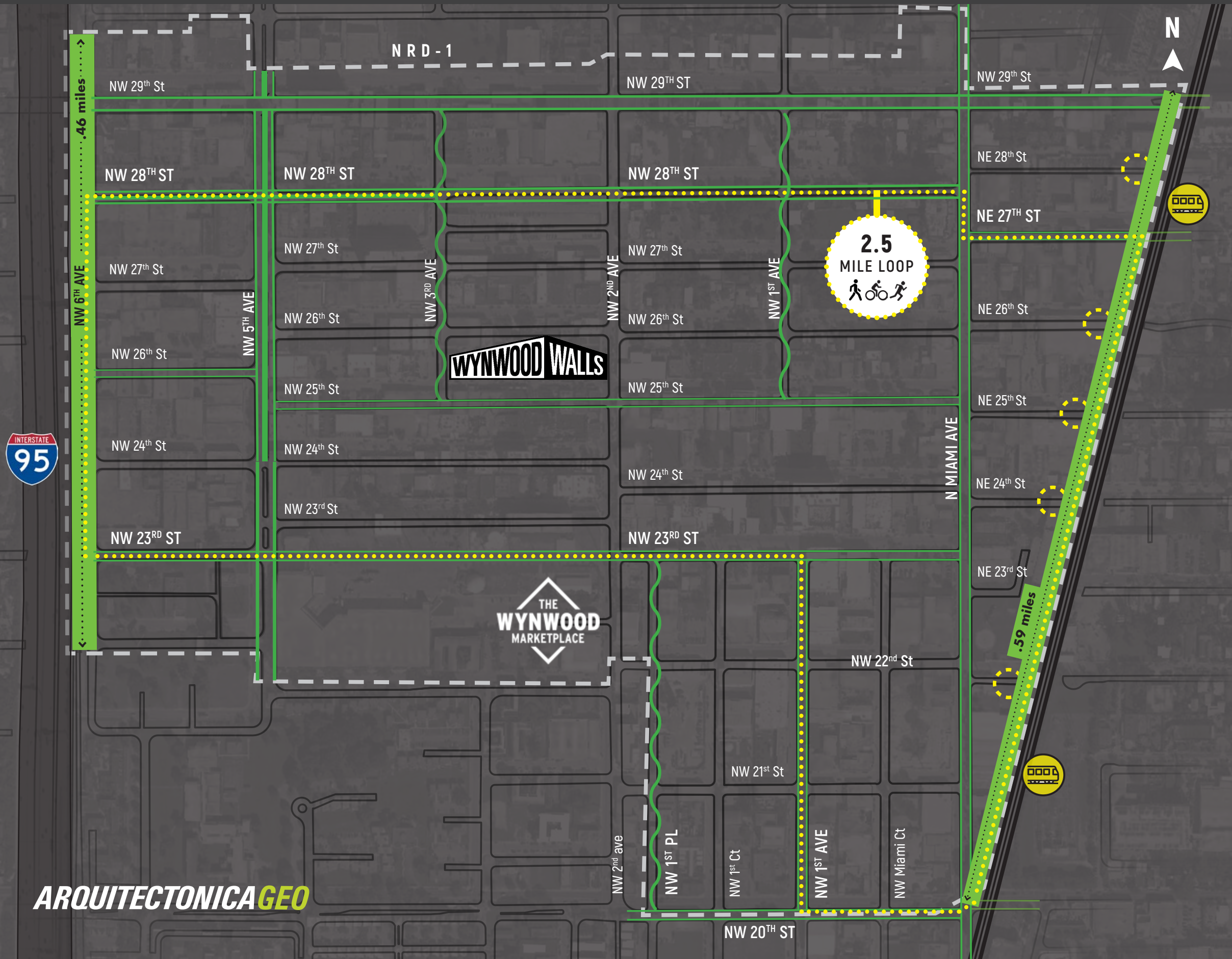




enhanced pedestrian experience



WYNWOOD WALKS



WOONERFS

A LIVING STREET DESIGNED PRIMARILY WITH THE INTERESTS OF PEDESTRIANS AND CYCLISTS IN MIND AND AS A SOCIAL SPACE FOR PEOPLE.

BICYCLE CORRIDORS

STREETS WITH DESIGNATED BICYCLE LANES THAT CREATE A NETWORK WITHIN THE DISTRICT AND CONNECTIONS TO ADJACENT NEIGHBORHOODS.

LINEAR PARKWAYS

STREETS WITH OVERSIZED LANDSCAPE MEDIANS THAT CAN SERVE AS PUBLIC OPEN SPACE AND CORRIDORS WITH LANDSCAPE, ART, AND OTHER URBAN AMENITIES.

STREET-END PARKS

A POCKET PARK AT STREET ENDS TO ACTIVATE AND REVITALIZE THE AREA AS WELL AS PROMOTE COMMUNITY.

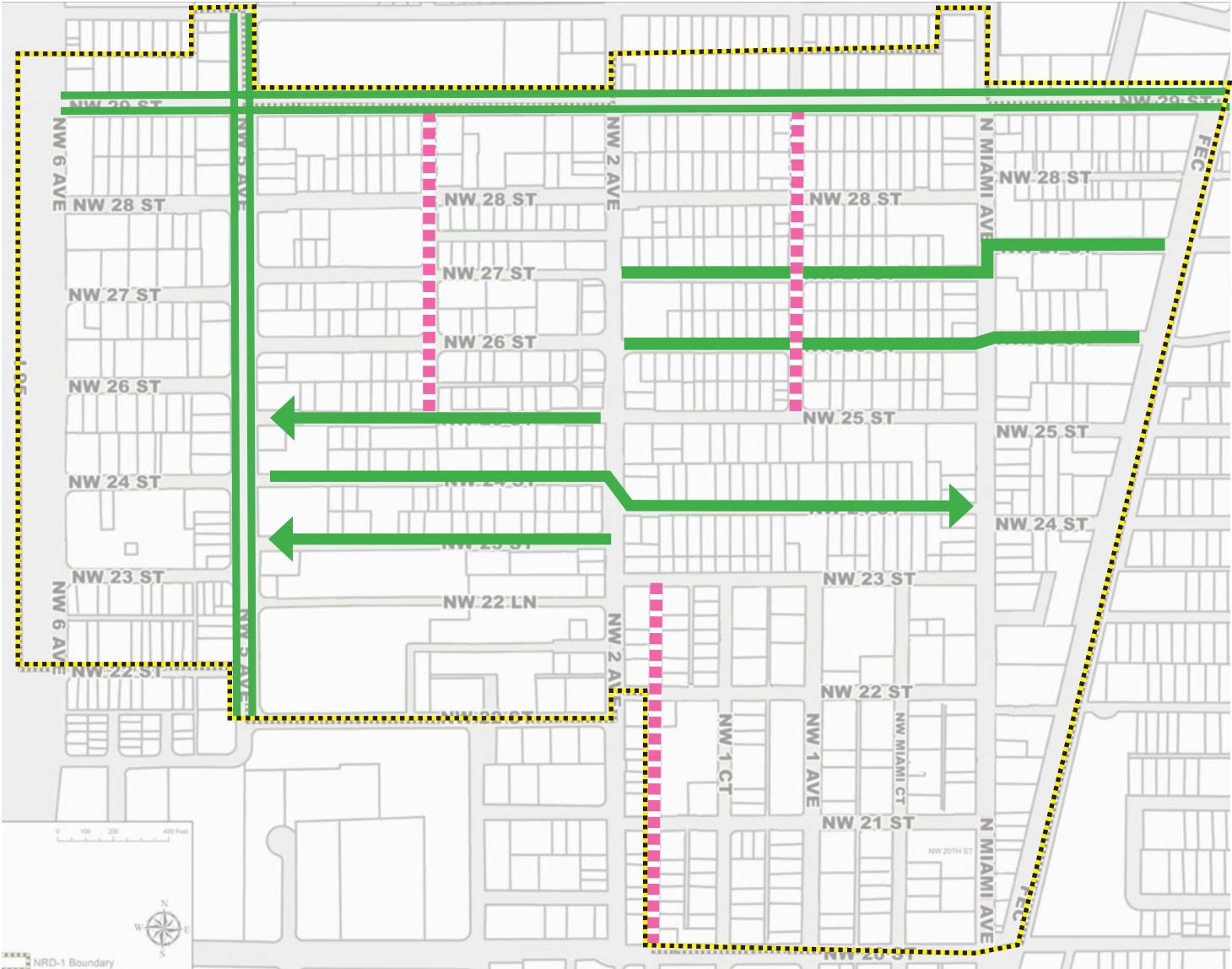
EDGE PARKS

A LINEAR PEDESTRIAN-ONLY ACTIVE PARK THAT REVITALIZES AND ACTIVATES THE AREA WITH AMENITIES THAT IMPROVE PUBLIC WELLNESS AND CONNECTION TO NATURE.

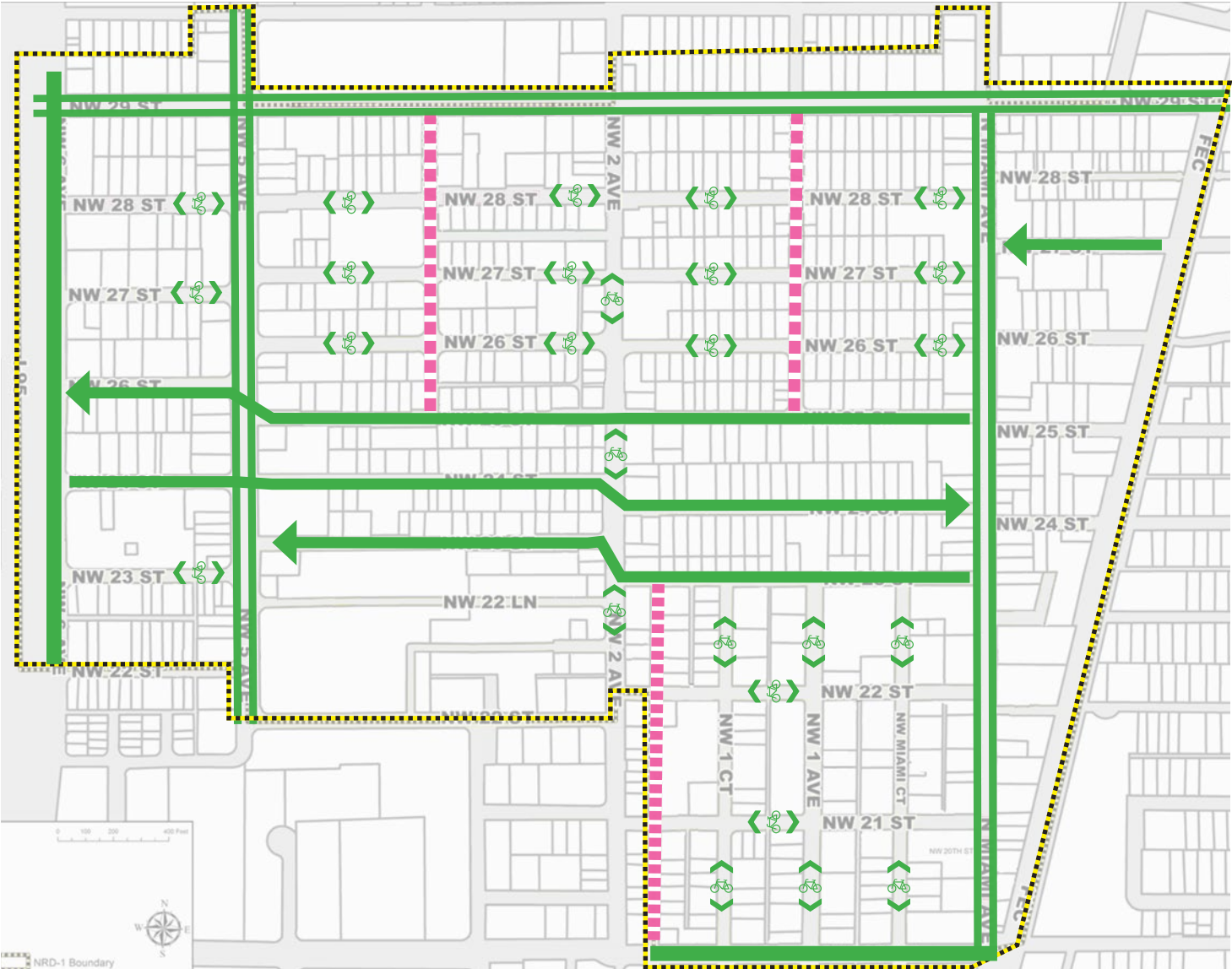
WELLNESS LOOP

AN ENHANCED PEDESTRIAN LOOP THAT LINKS WYNWOOD'S NETWORK OF PATHWAYS, EDGE PARKS, WOONERFS, AND LINEAR PARKS TO INCREASE WALKABILITY IN THE DISTRICT AND PROMOTE AN ACTIVE LIFESTYLE.

BIKE NETWORK



PER NRD-1



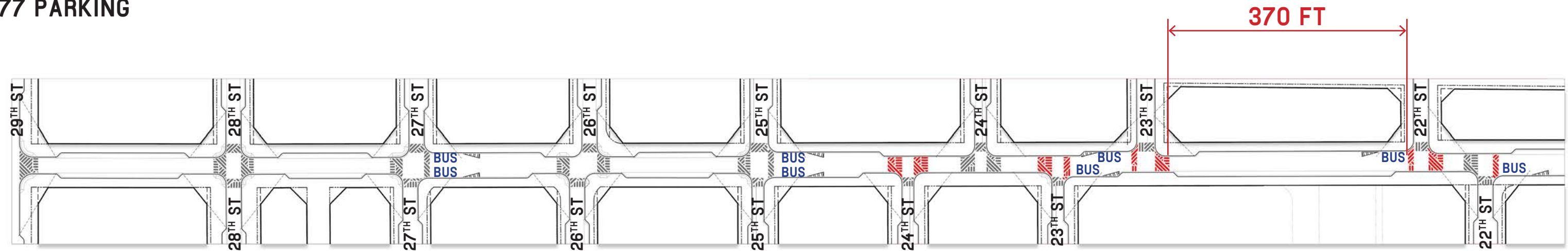
PROPOSED NETWORK

EXISTING CROSSWALKS

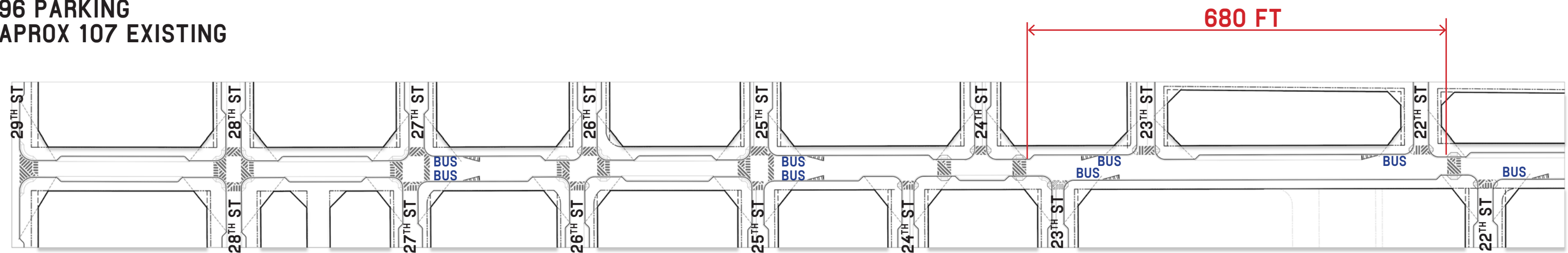


2ND AVE CROSSWALKS CONCEPTS

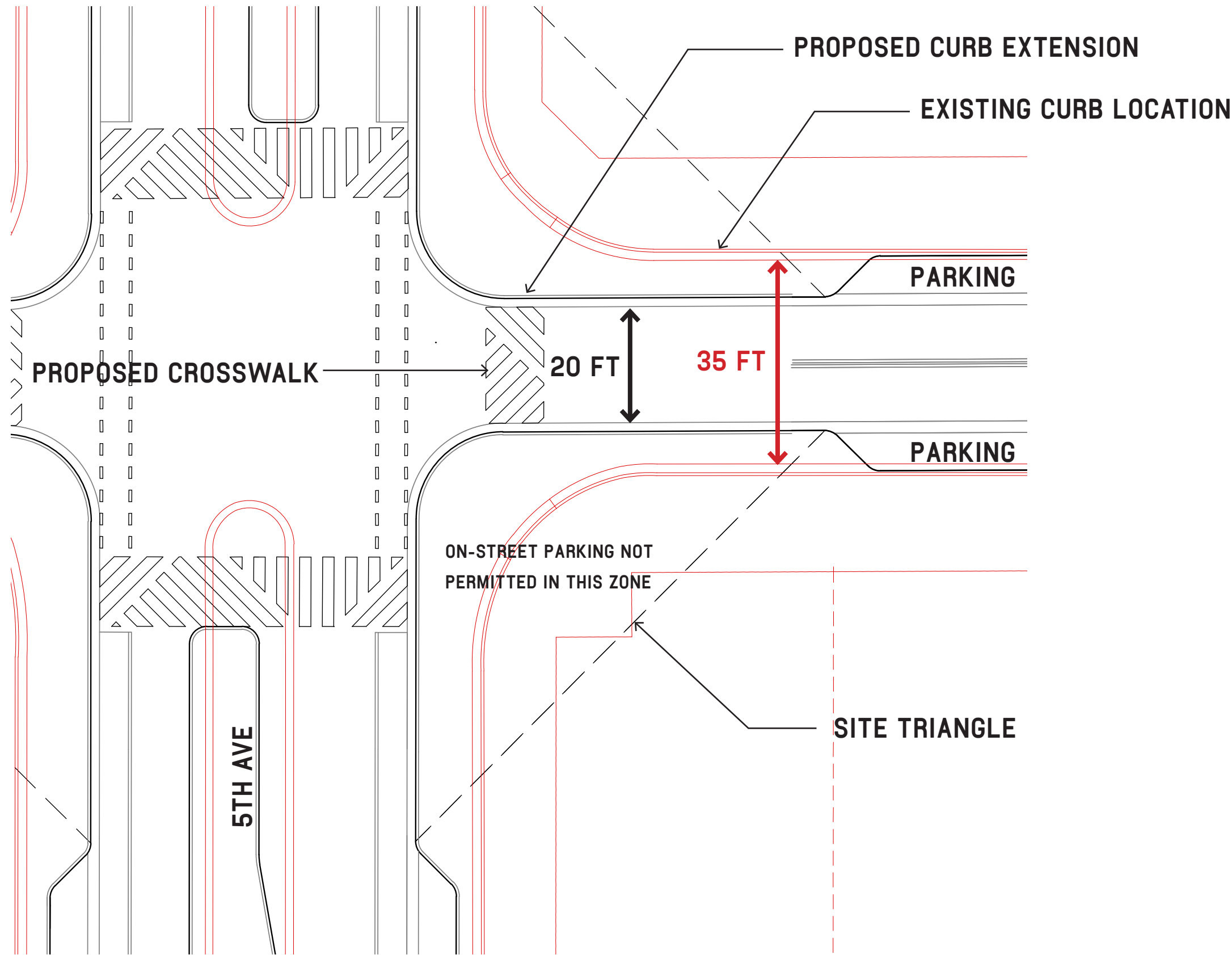
SCHEME A
77 PARKING



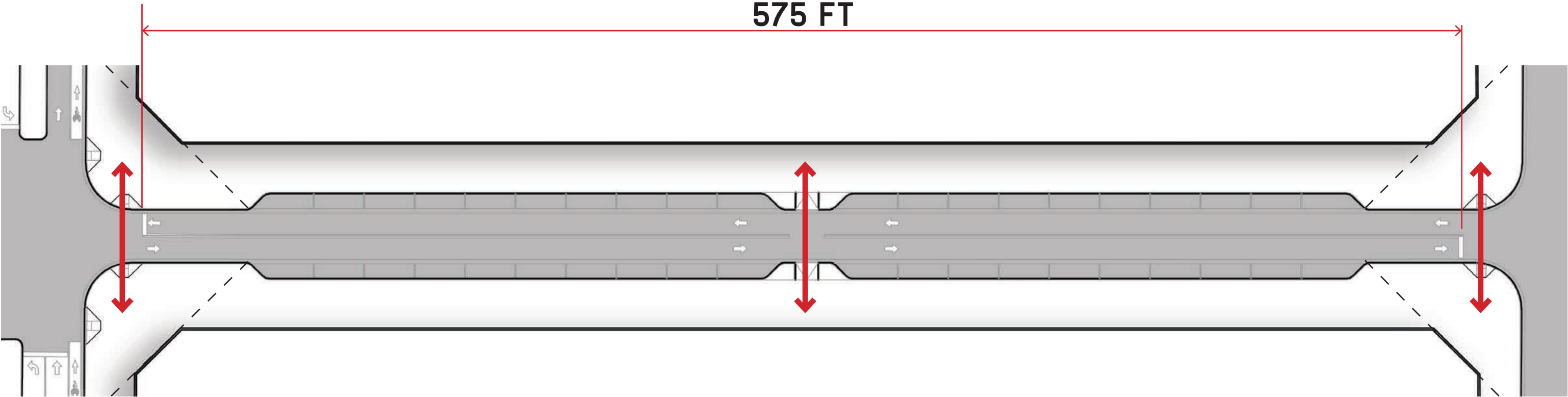
SCHEME B
96 PARKING
APROX 107 EXISTING



EXPANDED CURBS

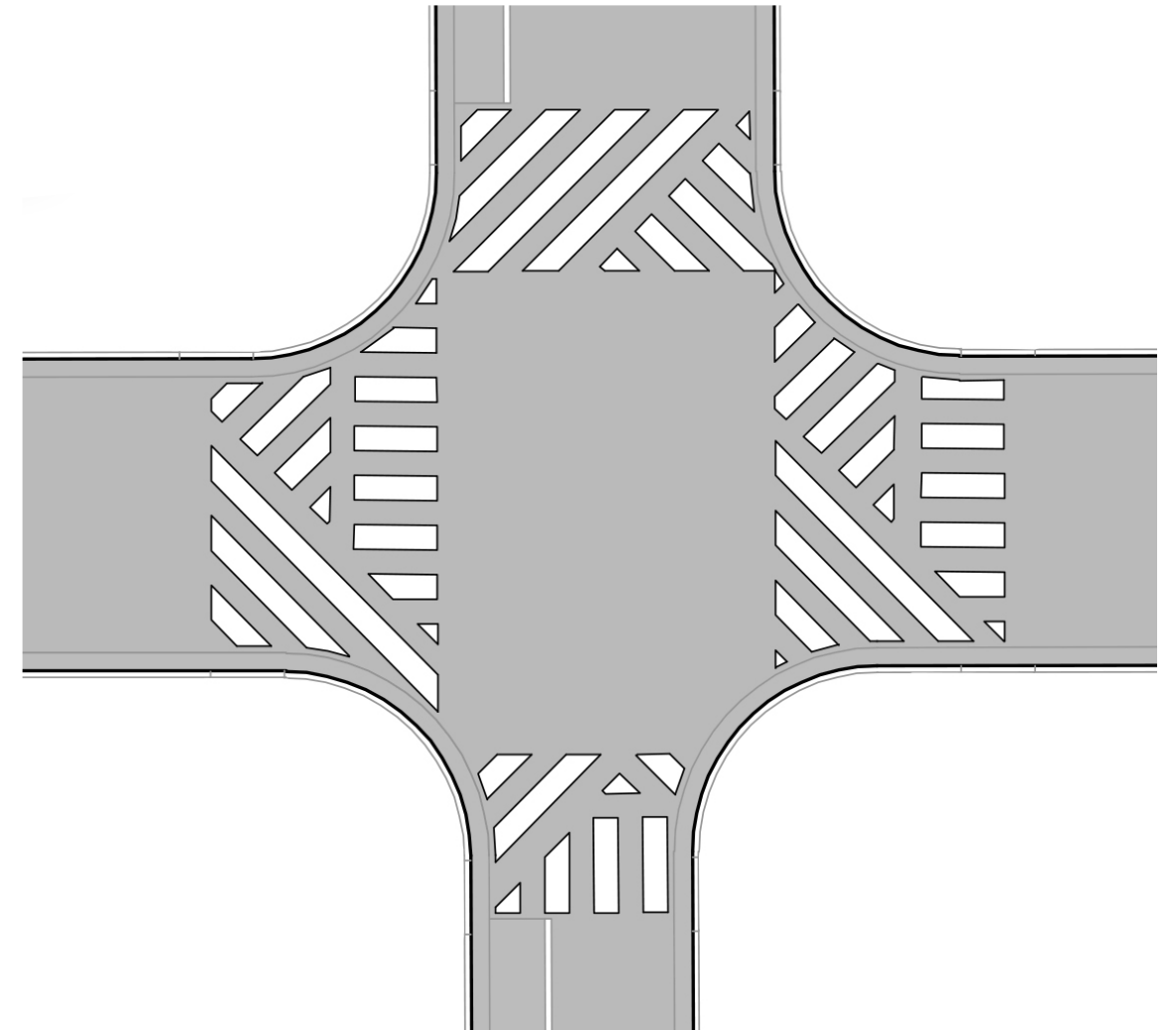


MID-BLOCK CROSSINGS



CROSSWALK CONCEPT

USE CONVENTIONAL STRIPING MATERIAL IN A CREATIVE WAY TO **STRENGTHEN** THE DISTRICT'S **SENSE OF PLACE**



CURB RADII DISTRIBUTION



Complete Streets

Design Guidelines

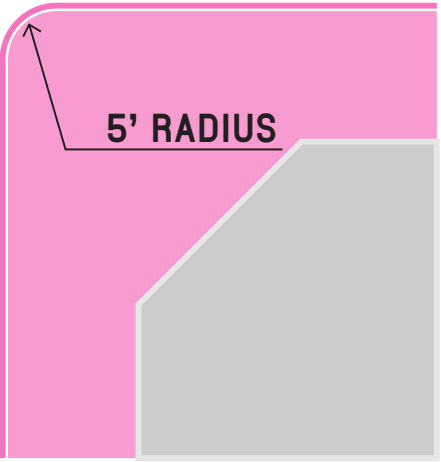
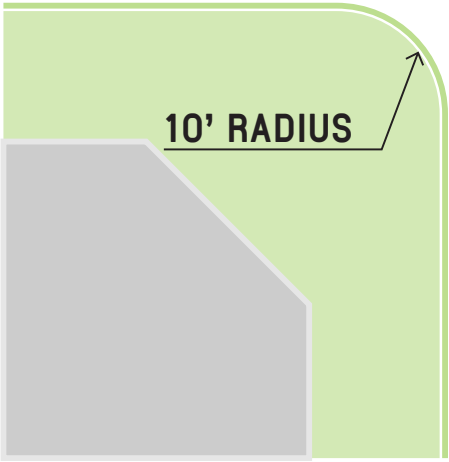
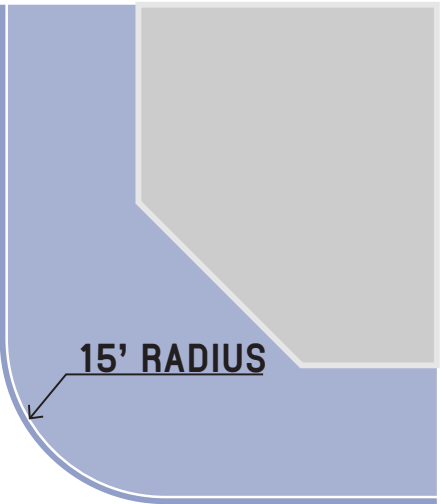
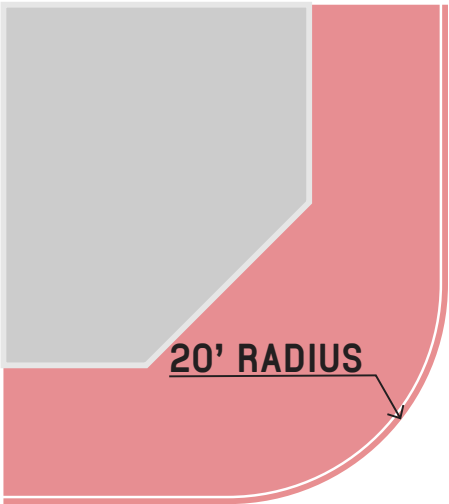
MIAMI-DADE COUNTY

STREET DESIGN

DESIGN

TABLE 5-1 RECOMMENDED CURB RADII

Land Use Context		Actual Curb Radius
Minimum ⁽¹⁾	All intersection corners without vehicle turns	5'
	UC, UR	5'
	RS, MC, I, P	15'
	IN, AN	30'
Maximum	All intersection corners without vehicle turns	5'
	UC, UR	20'
	RS, MC, I, P ⁽⁴⁾	30'
	IN, AN ⁽⁵⁾	45'





design approach+materials



URBAN WILD



Acacia farnesiana



Acacia choriophylla



Ardisia escallonioides



Bouyeria ovata



Canella winterana



Calyptranthes pallens



Chrysophyllum oliviforme



Citharexylum fruticosum



Coccoloba diversifolia



Conocarpus erectus



Exothea paniculata



Eugenia axillaris



Eugenia foetida



Eugenia rhombea



Guaiacum sanctum



Guapira discolor



Gymnanthes lucida



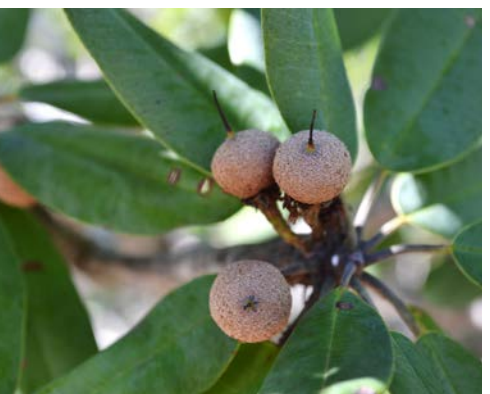
Krugiodendron ferreum



Lysiloma latisiliquum



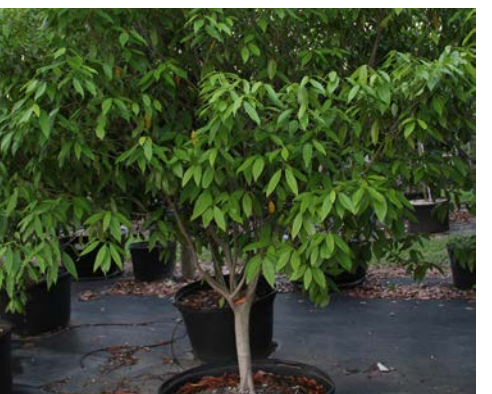
Lysiloma sabicu



Manilkara bahamensis



Myrcianthes fragrans



Nectandra coriacea



Pimenta dioica

URBAN WILD



Piscidia piscipula



Prunus myrtifolia



Sabal Palmetto



Sideroxylon foetidissimum



Sideroxylon salicifolium



Simarouba glauca



Swietenia mahagoni



Tabebuia bahamensis



Taxodium distichum



Thrinax radiata



Thrinax morrisii

COLORFUL ACCENTS



Bulnesia arborea



Brachychiton acerifolius



Caesalpinia granadillo



Cananga odorata



Cassia bakeriana



Cassia grandis



Cassia javanica



Cassia leptophylla



Colvillea racemosa



Cordia boissieri



Jacaranda mimosifolia



Lagerstroemia speciosa



Lonchocarpus violaceus



Spathodea campanulata

WEIRD + WHIMSICAL ACCENTS



Calliandra haematocephala



Calliandra haematocephala



Cananga odorata



Callistemon viminalis



Polyalthia longifolia



Eucalyptus deglupta

OPEN PLANTER TREES (MEDIANS, BUMPOUTS)



Adansonia digitata



Bombax ceiba



Beaucarnea recurvata



Ceiba pentandra



Chorisia speciosa



Coccoloba pubescens



Coccothrinax argentea



Copernicia baileyana



Crescentia alata



Delonix regia



Elaeis guineensis



Ficus aurea



Kigelia pinnata



Pandanus utilis



Pinus elliotti var densa



Pseudobombax ellipticum



Pseudophoenix sargentii

BIOSWALES



Acer rubrum



Acoelorrhaphe wrightii



Annona glabra



Pachira aquatica



Taxodium ascendens



Taxodium distichum

SHRUB + GROUNDCOVER PALETTE



Zamia Integrifolia



Gaillardia x grandiflora



Spartina bakeri



Pilea microphylla



Clusia rosea 'Nana'



Muhlenbergia capillaris



Ernodea littoralis



Psychotria ligustrifolia



Psychotria nervosa



Calotropis gigantea



Serenoa repens



Stachytarpheta jamaicensis



Lantana depressa



Asclepias sp.



Crinum asiaticum



Arachis glabrata



Phyla nodiflora



Tripsacum dactyloides



Flaveria linearis



Borrichia frutescens



Helianthus debilis



Chrysobalanus icaco



Suriana maritima



Hamelia patens 'Compacta'



Galphimia gracilis



Salvia coccinea



Senna mexicana



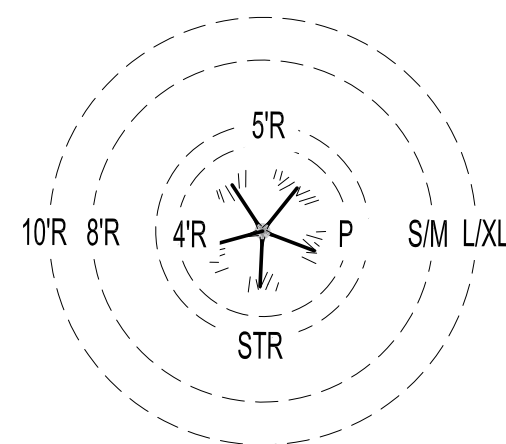
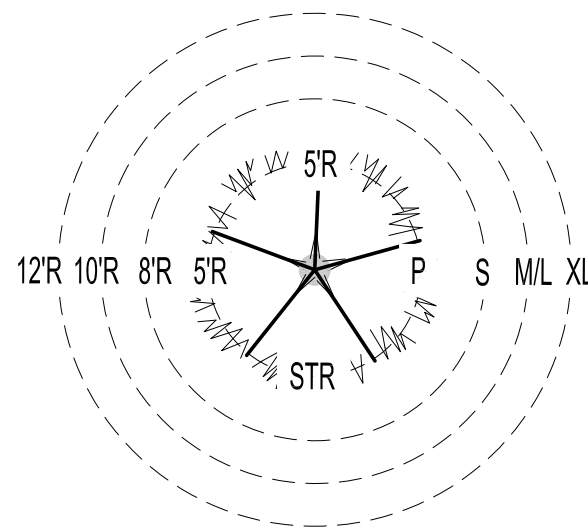
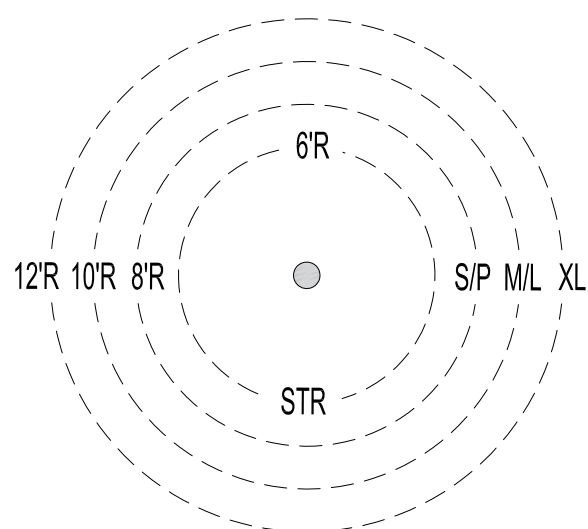
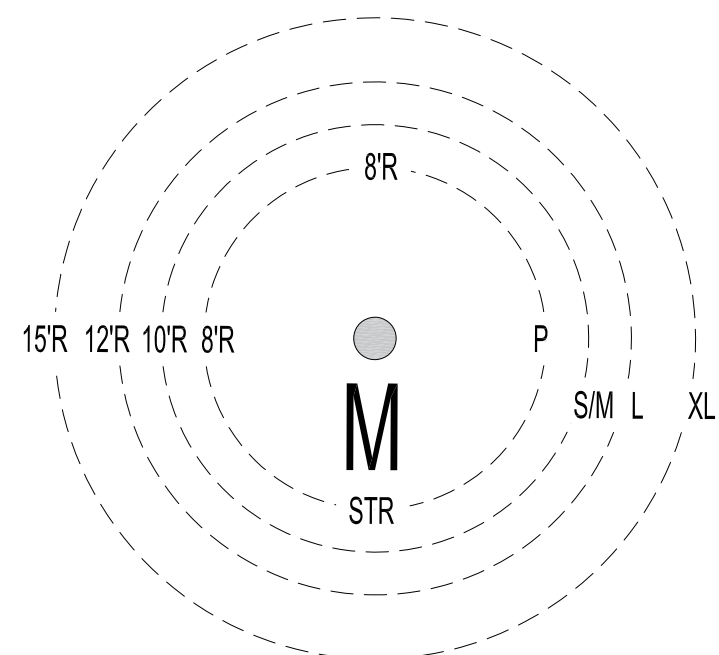
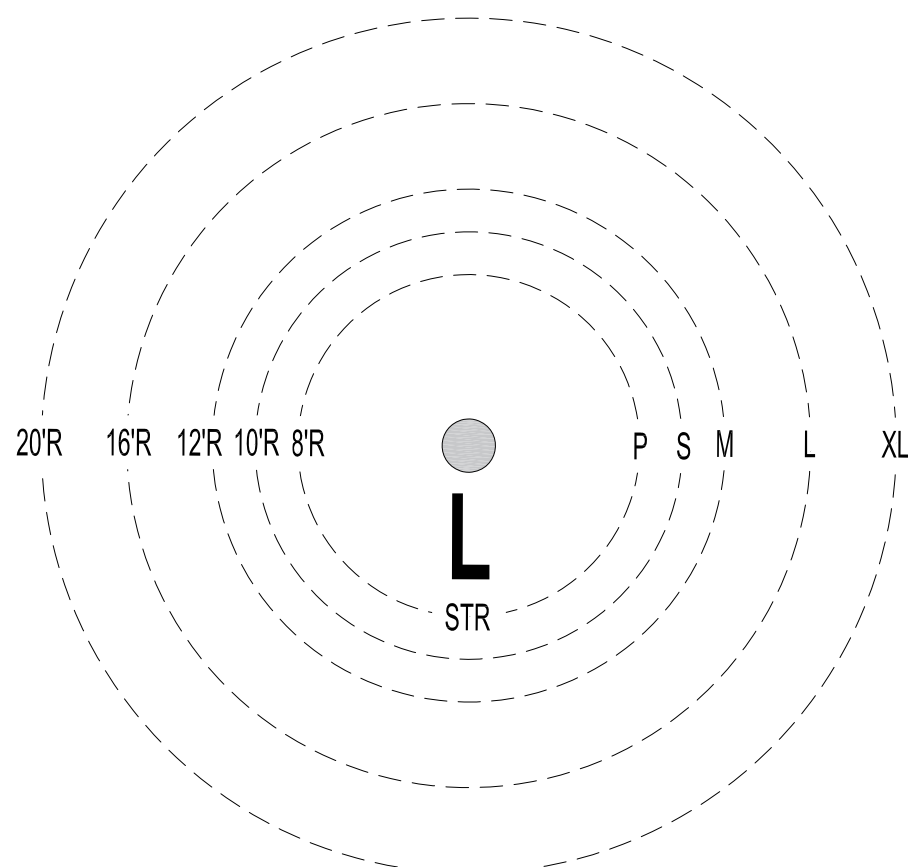
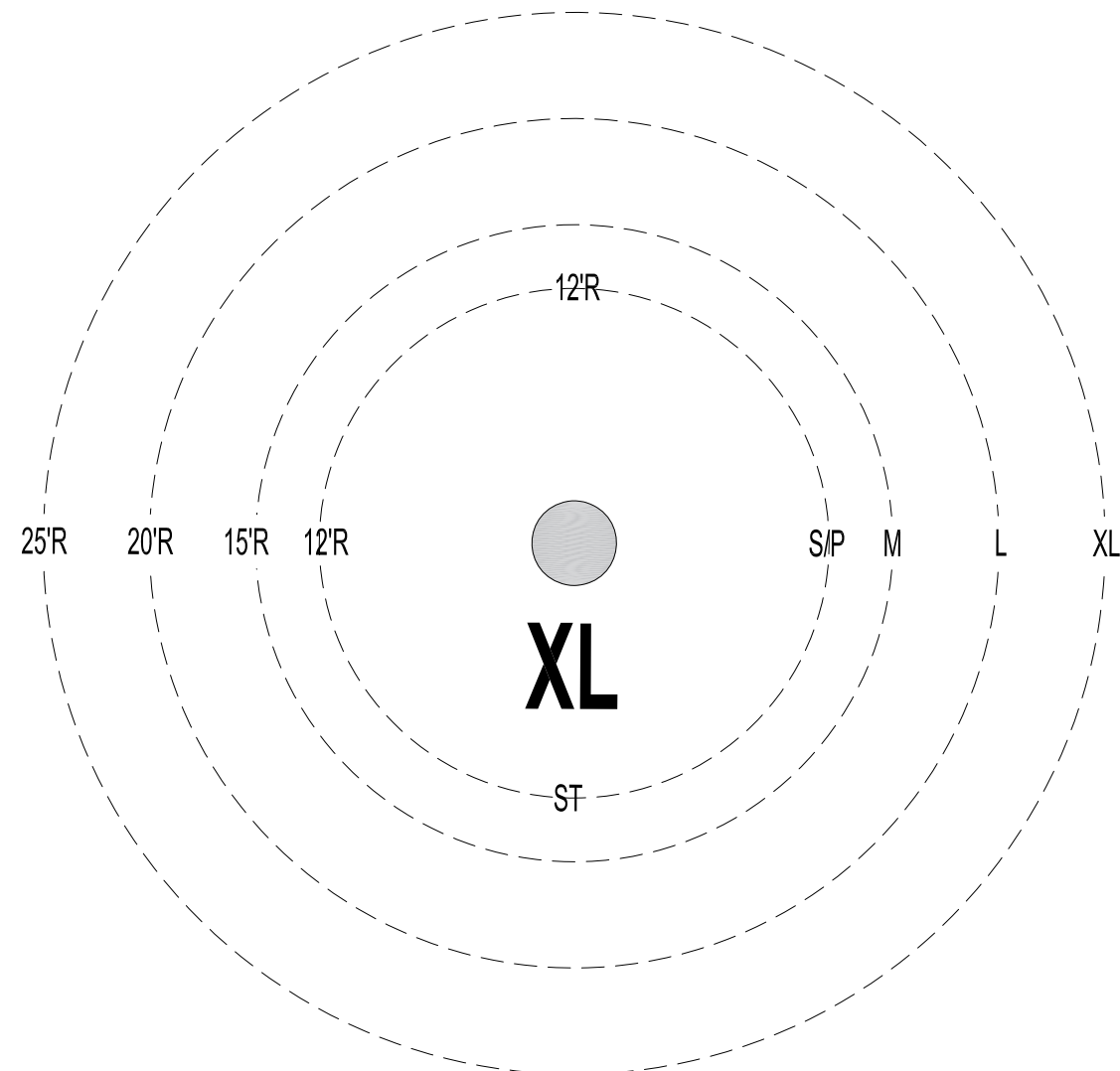
Phymatosorus scolopendria



Peperomia spp



TREE SPACING REQUIREMENTS





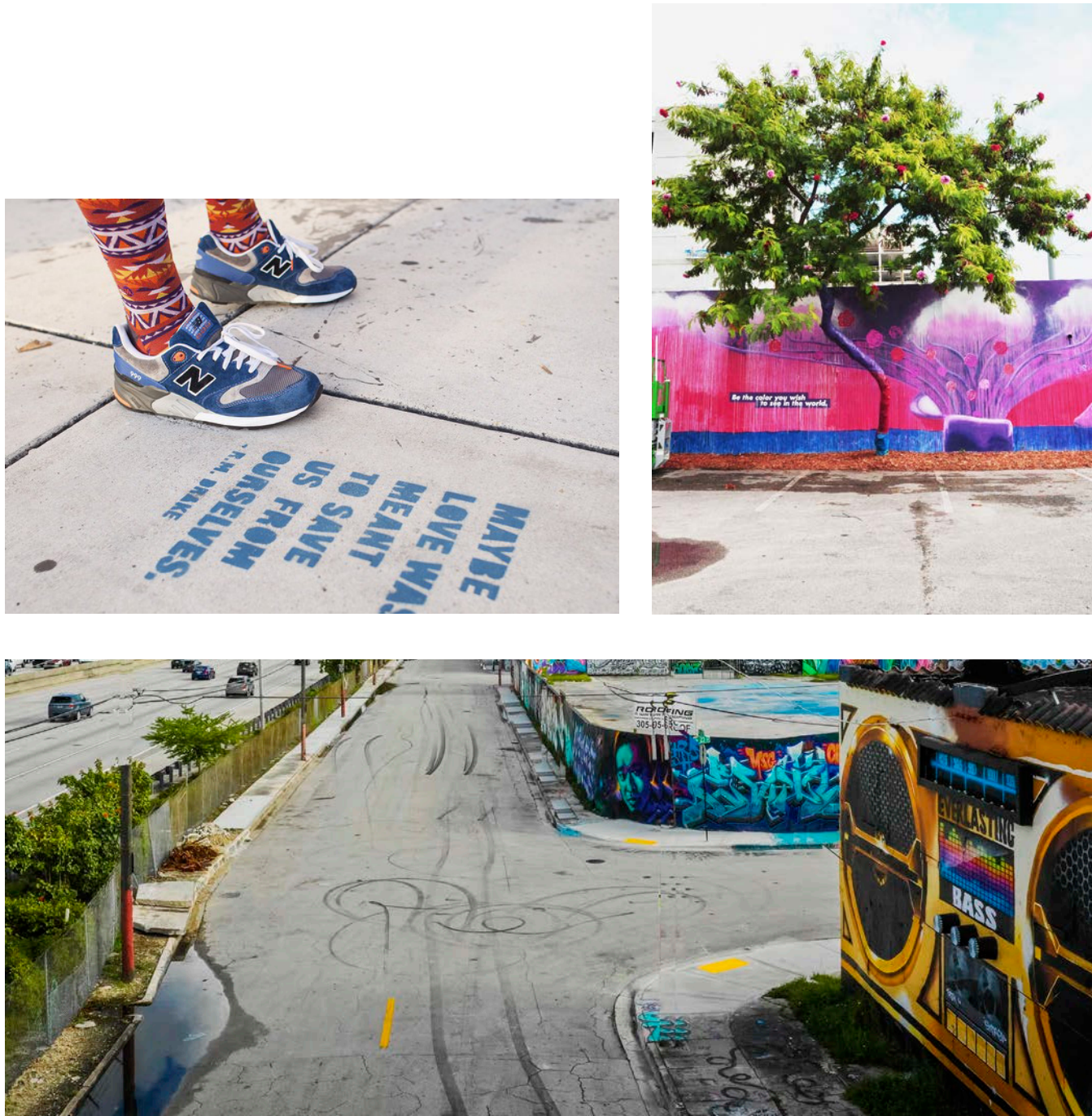




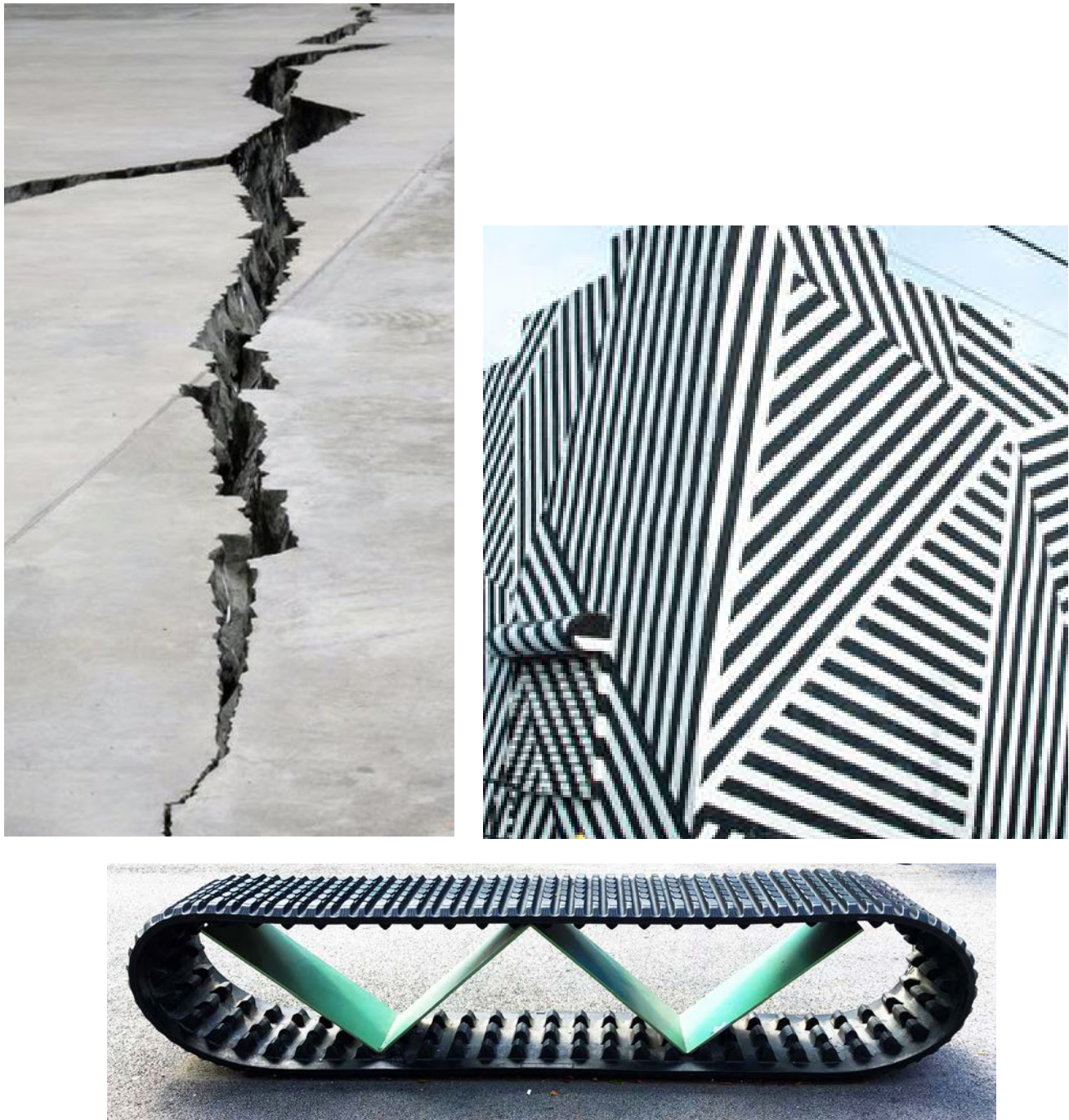
hardscape

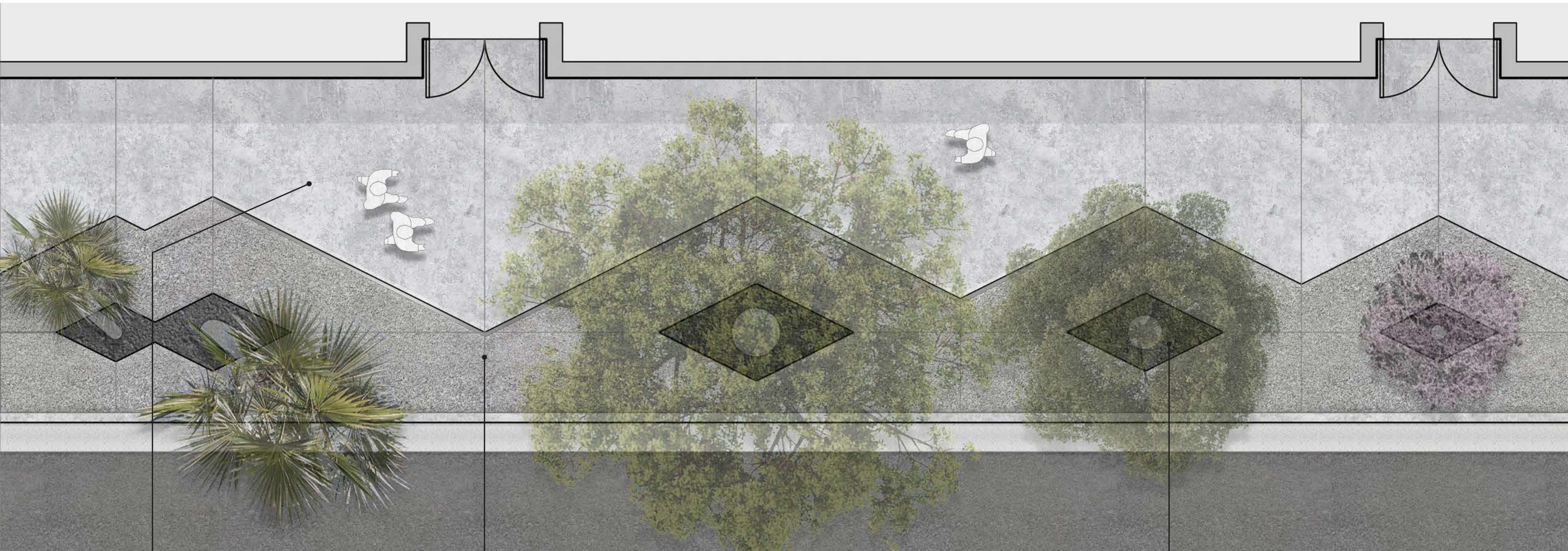


MATERIALITY OF WYNWOOD



FORM FINDING





BRUSHED CONCRETE



PERVIOUS CONCRETE



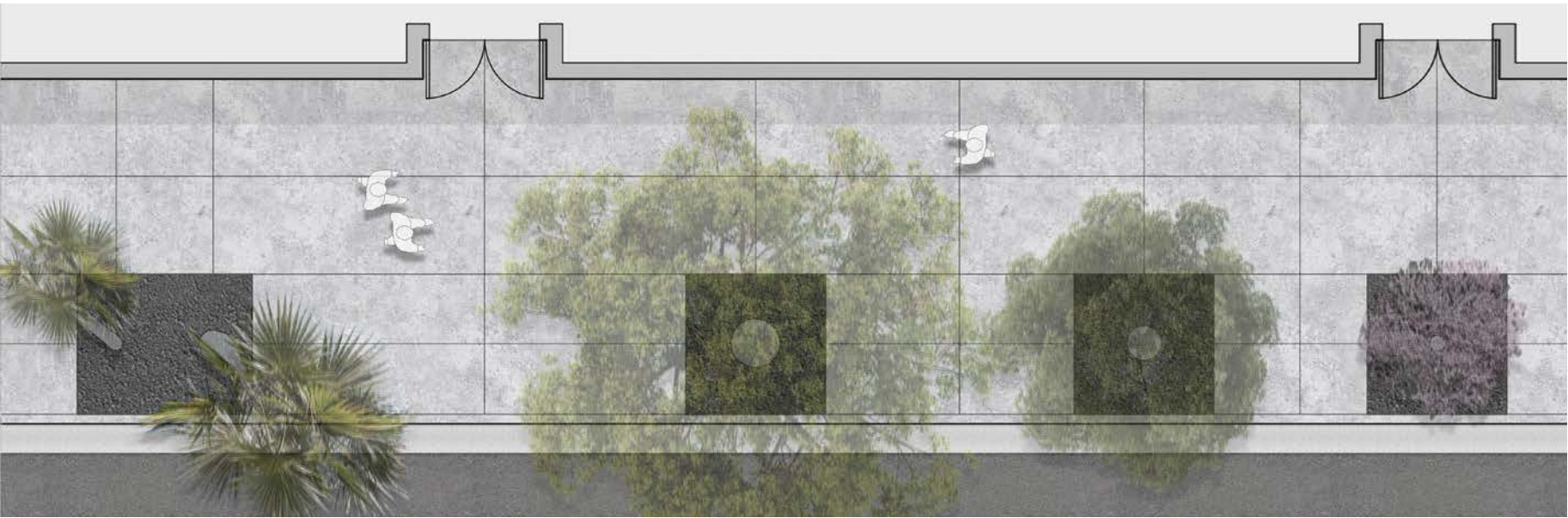
ADDAPAVE



**BONDED RUBBER
MULCH**

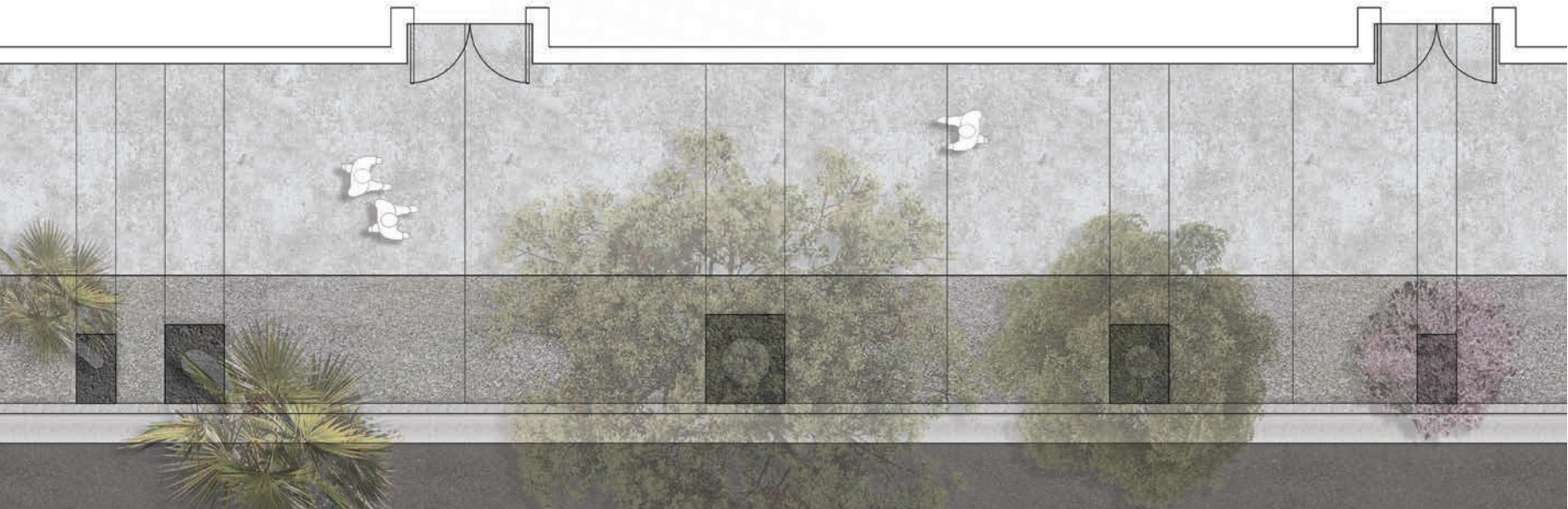
CURRENT STANDARD

- EASY TO RETROFIT
- LACKS IDENTITY



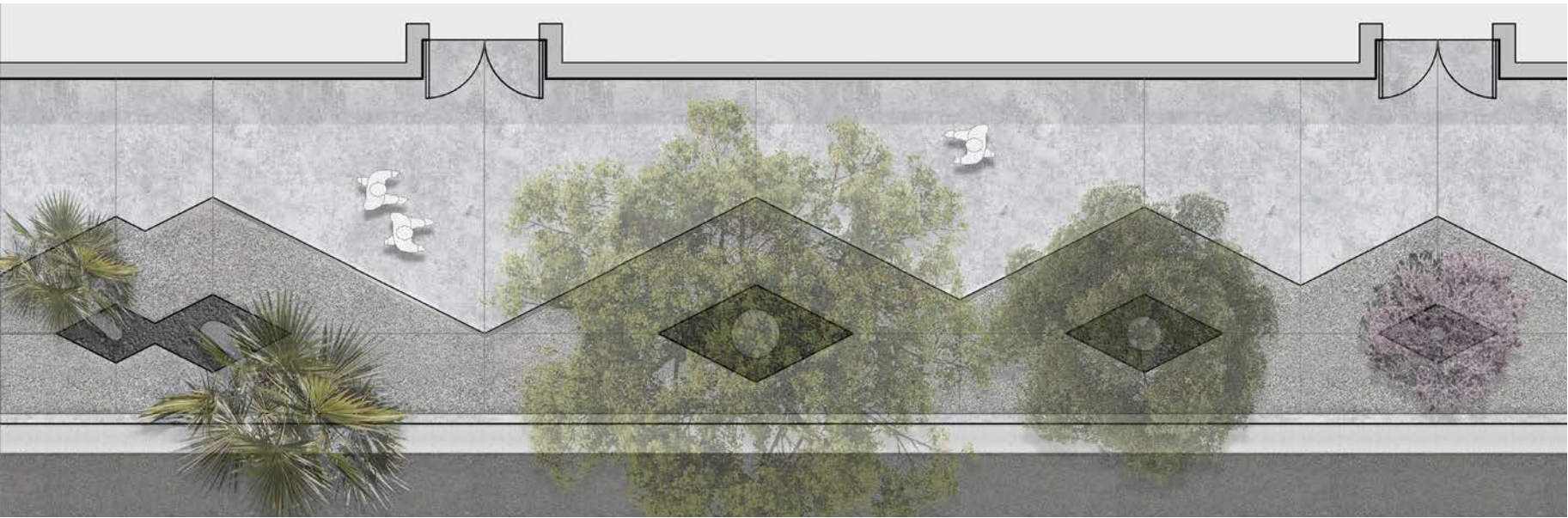
ORTHAGONAL

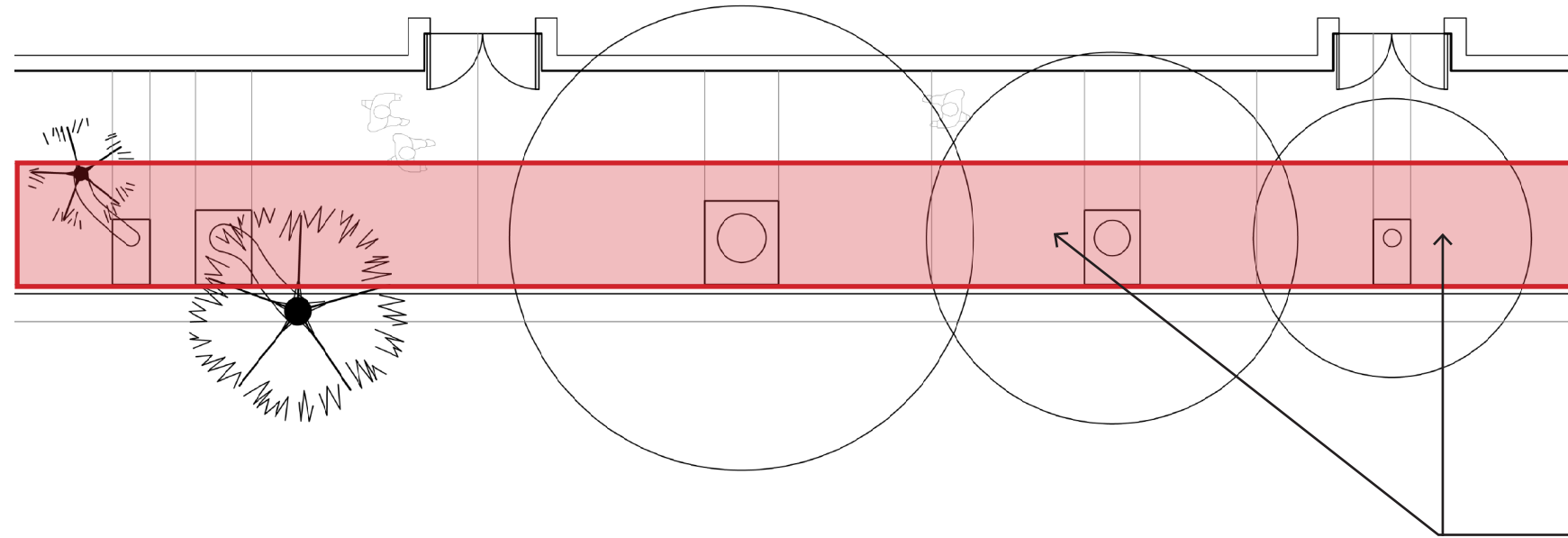
- EASY TO RETROFIT
- SIZE OF OPENING TAILORED TO TREE SIZE
- LACKS IDENTITY



STEEP ANGLE

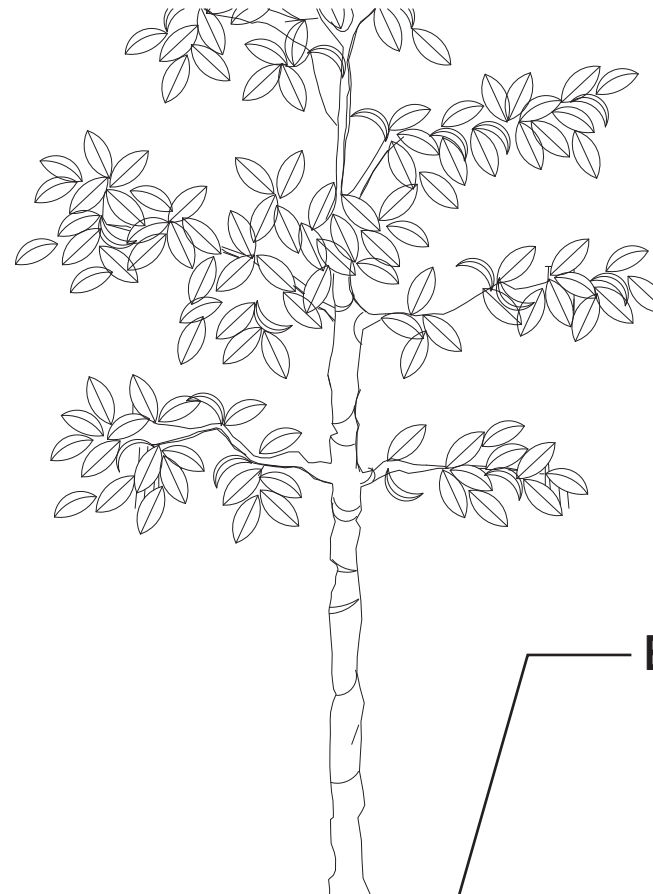
- MOST DYNAMIC OPTION
- SIZE OF OPENING TAILORED TO TREE SIZE
- MORE SUITABLE FOR CORNER TO CORNER BUILD



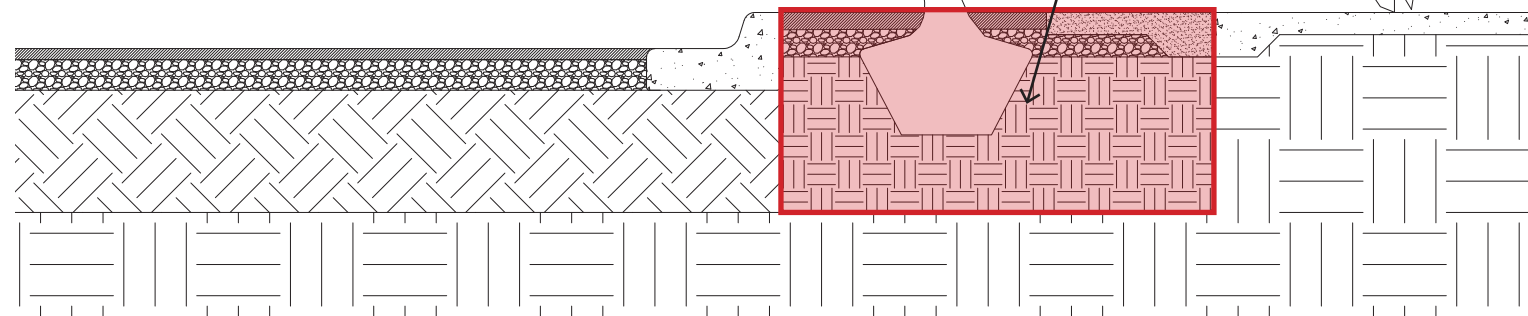


EXCAVATION OF THE VERGE WILL ENCOURAGE **HEALTHY, RESILIENT** TREES AND IMPROVE STORMWATER RETENTION CAPACITY REDUCING IMPACT ON DRAINAGE NETWORK.

BACKFILL EXCAVATED TRENCH WITH **AMENDED** SITE SOIL



EXCAVATE MINIMUM OF 36" DEPTH



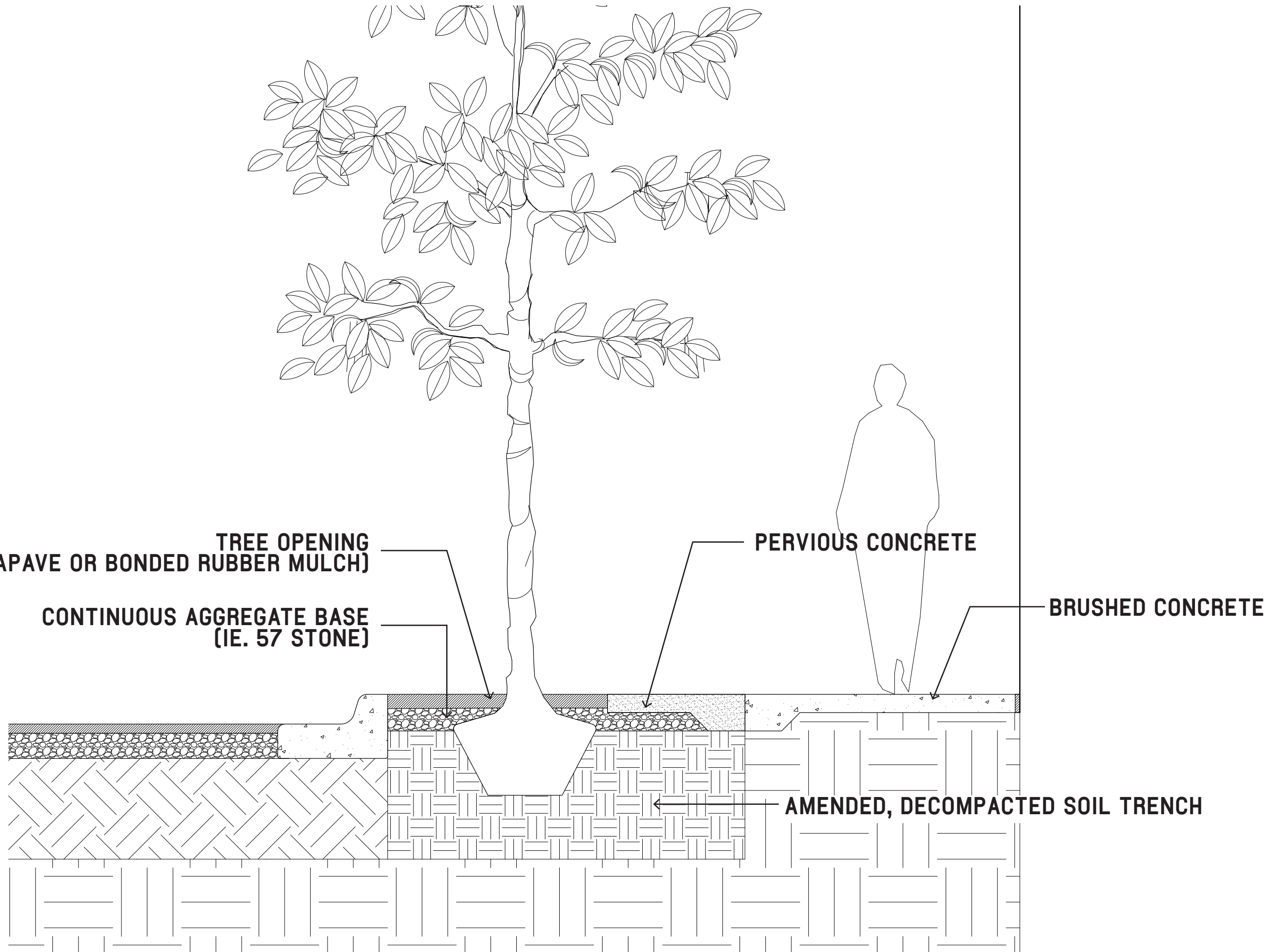
**TREE OPENING
(ADDAPAVE OR BONDED RUBBER MULCH)**

**CONTINUOUS AGGREGATE BASE
(IE. 57 STONE)**

PERVIOUS CONCRETE

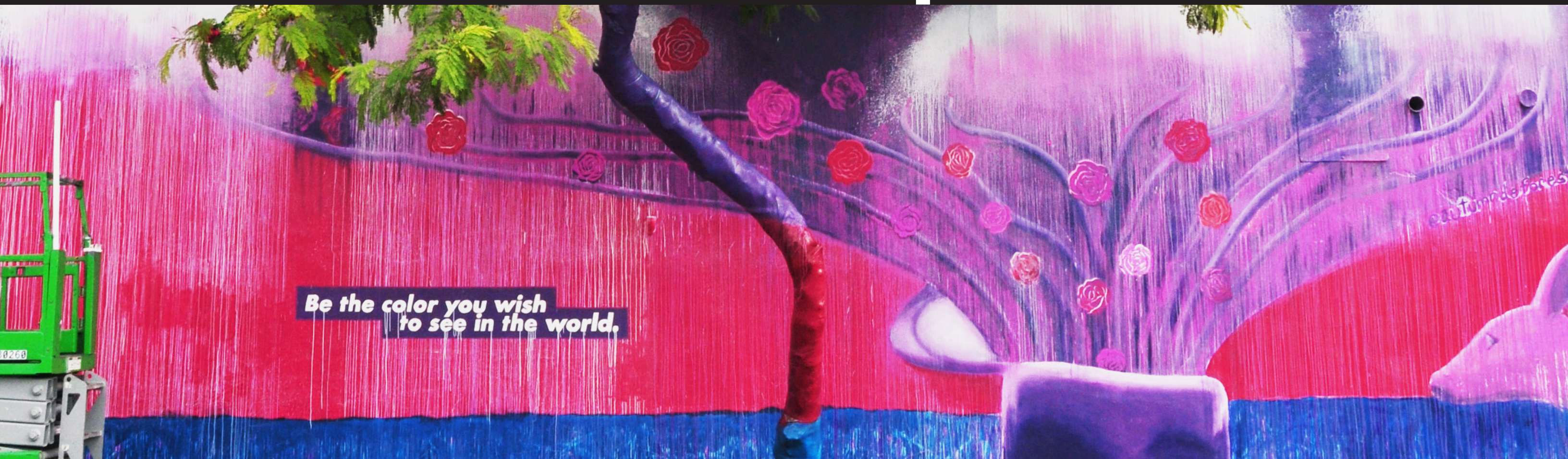
BRUSHED CONCRETE

AMENDED, DECOMPACTED SOIL TRENCH

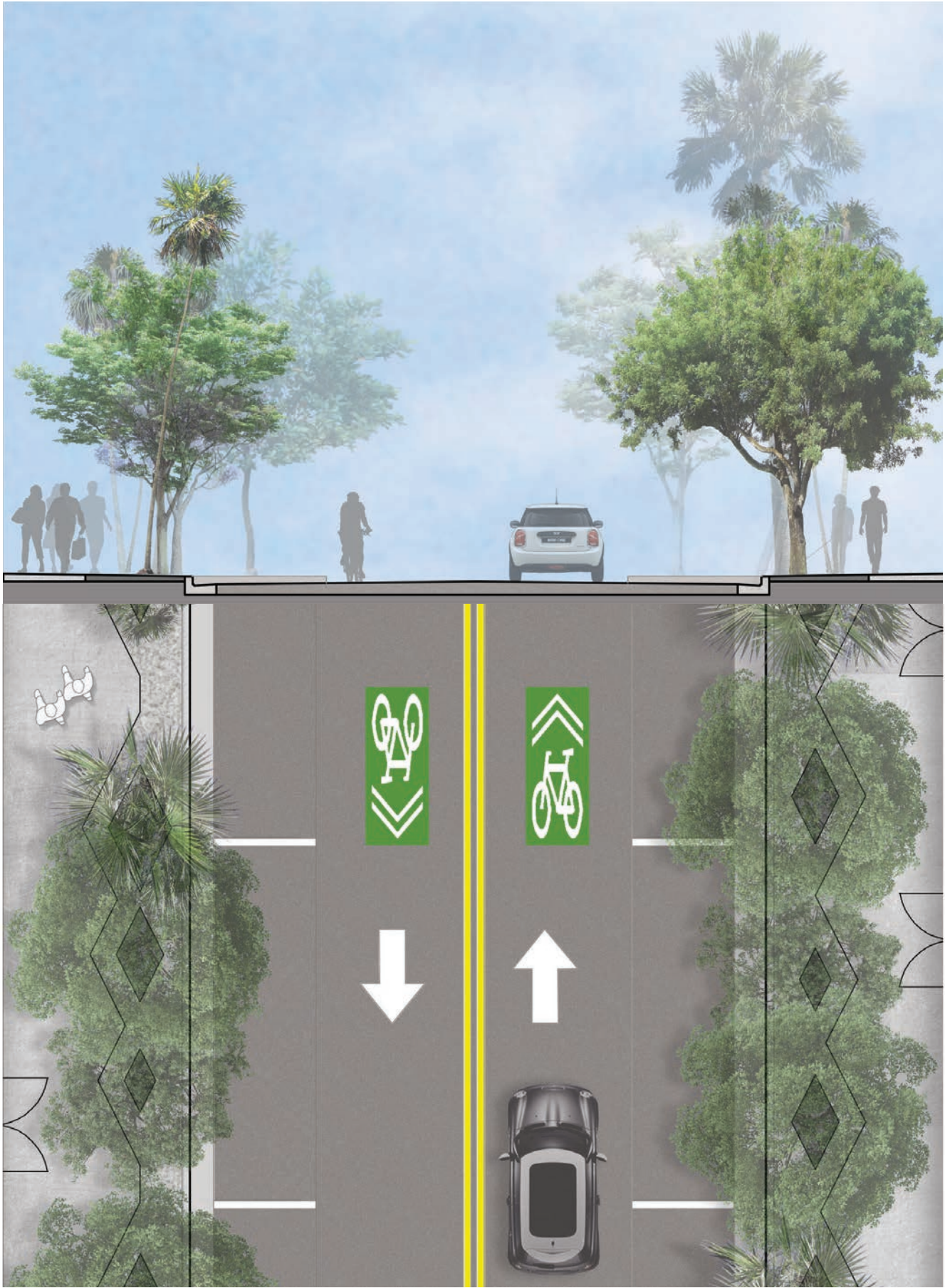




street samples

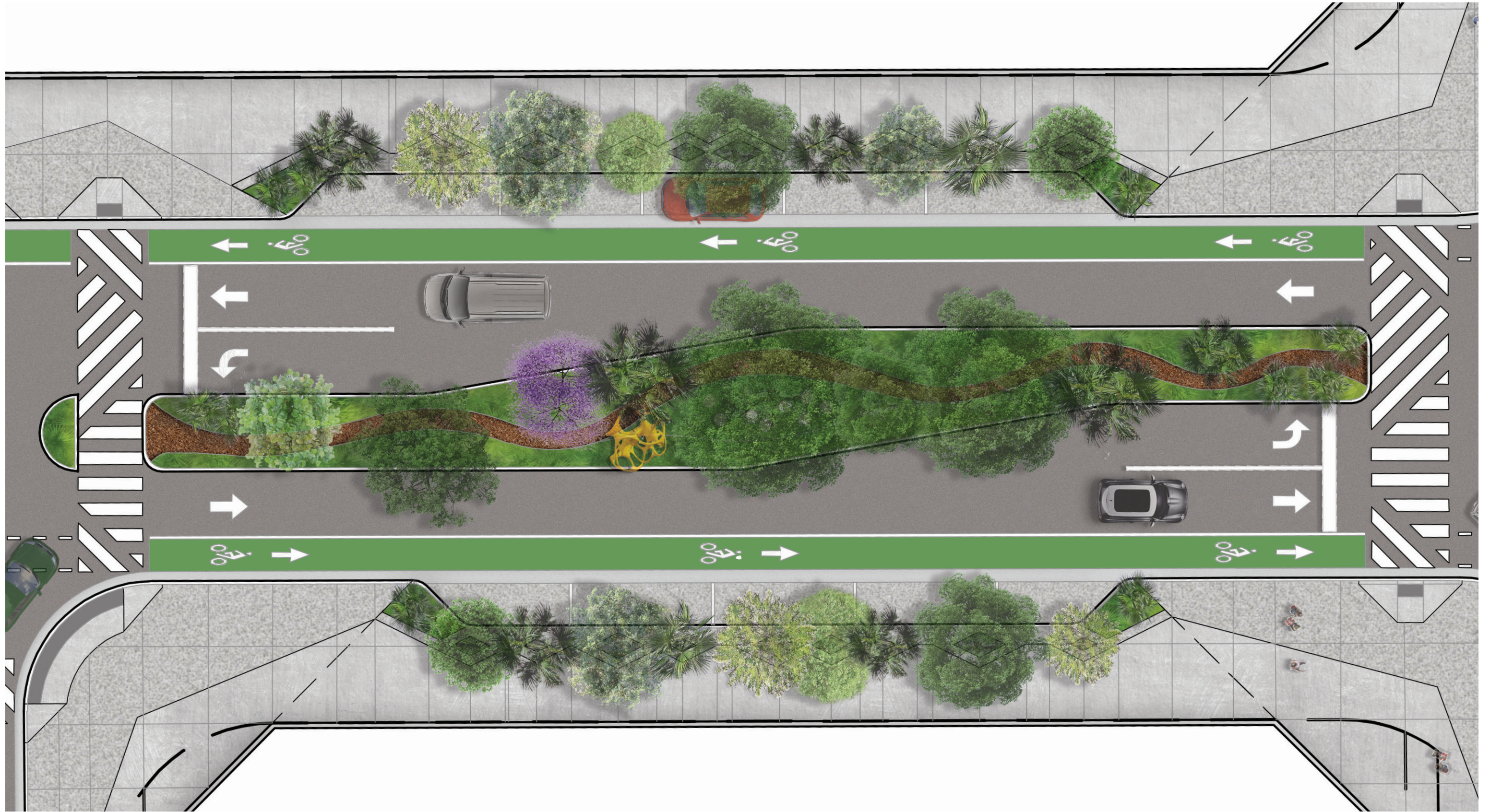


50' ROW_TYPICAL



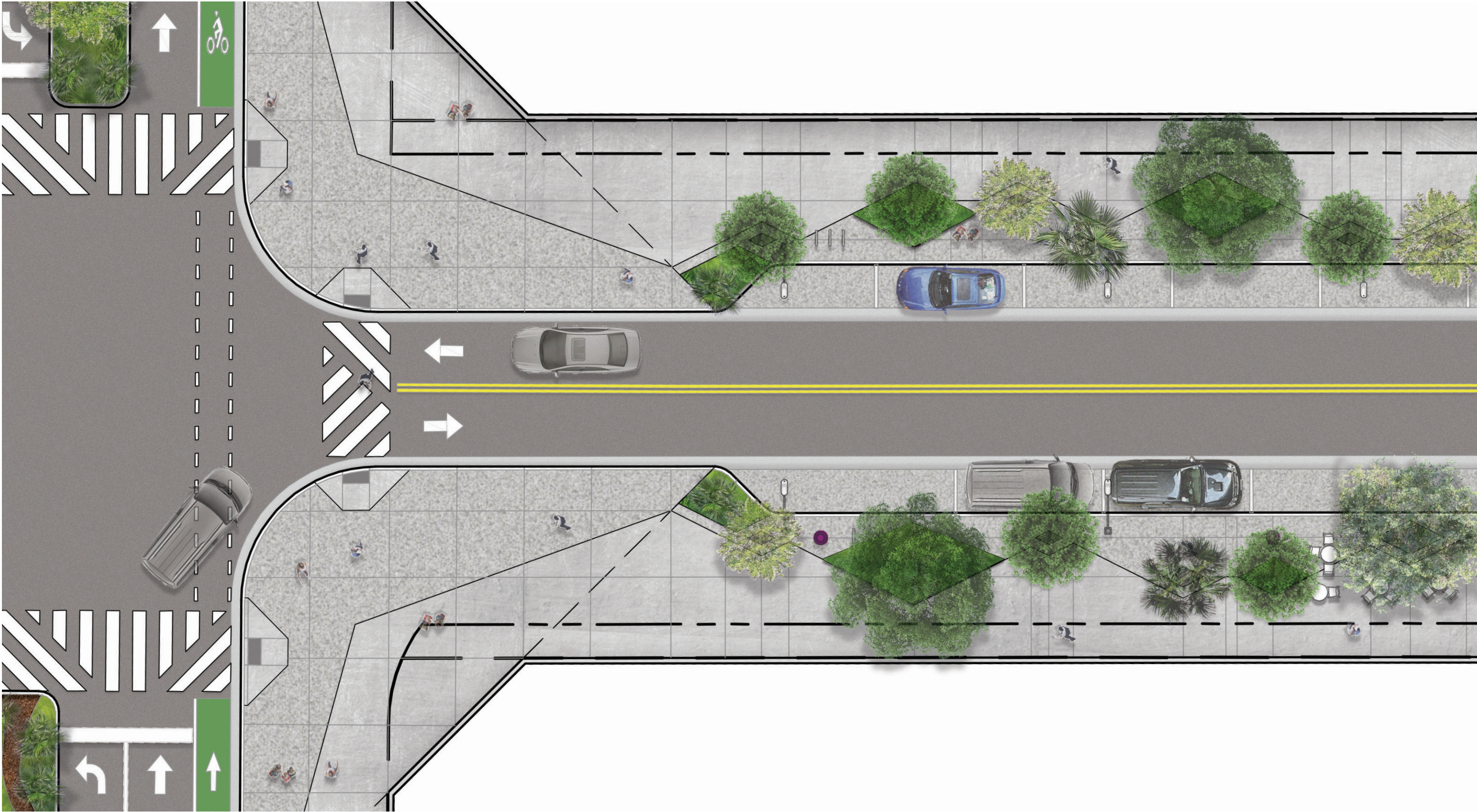
KEYPLAN

5TH AVENUE SAMPLE





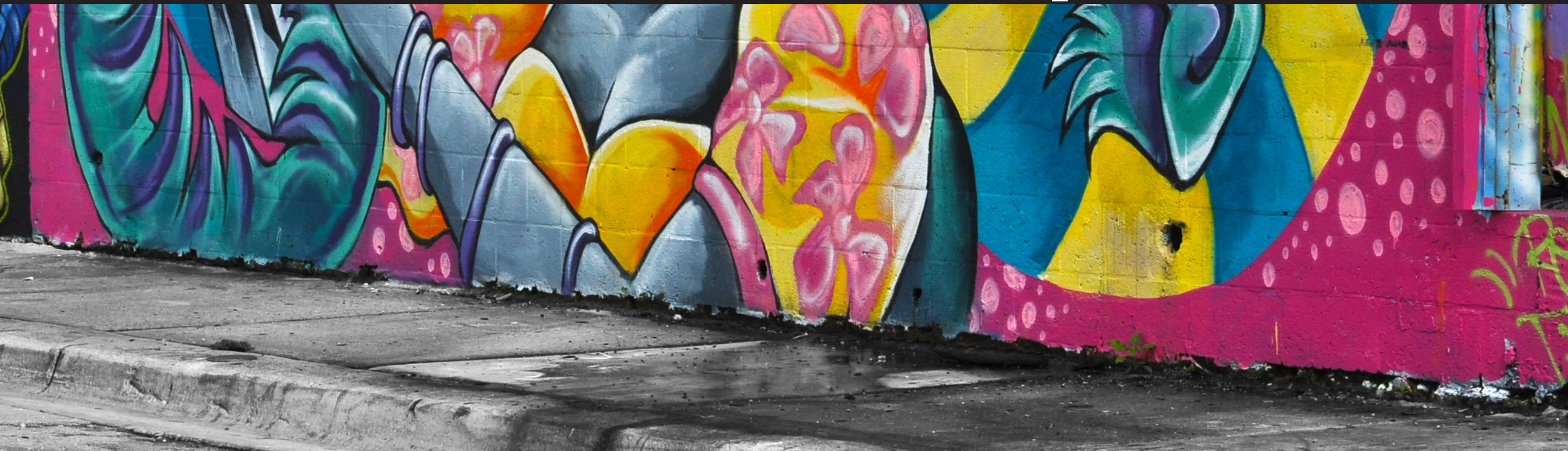
28TH STREET



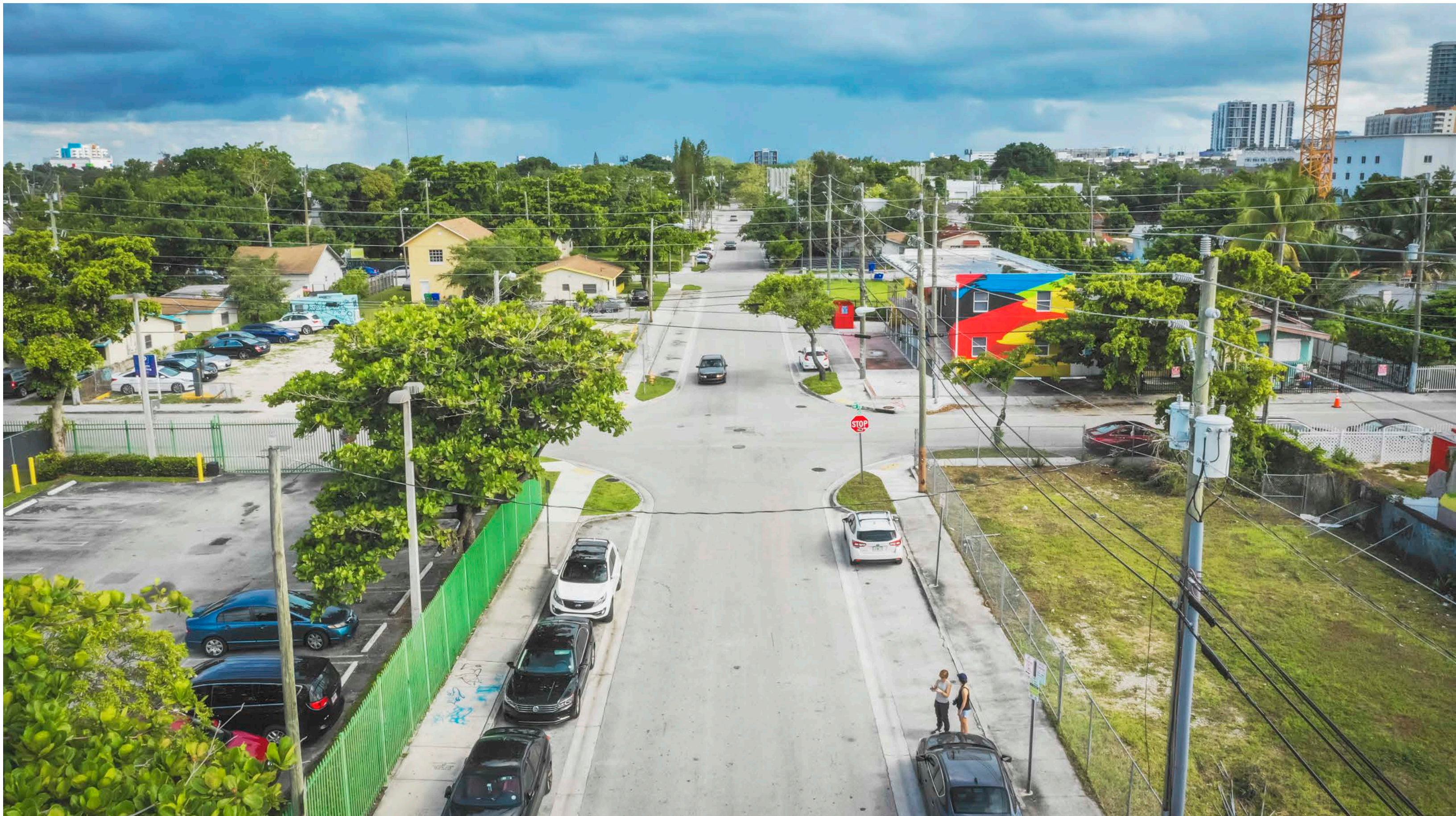




woonerf concepts



NW 1ST AVENUE

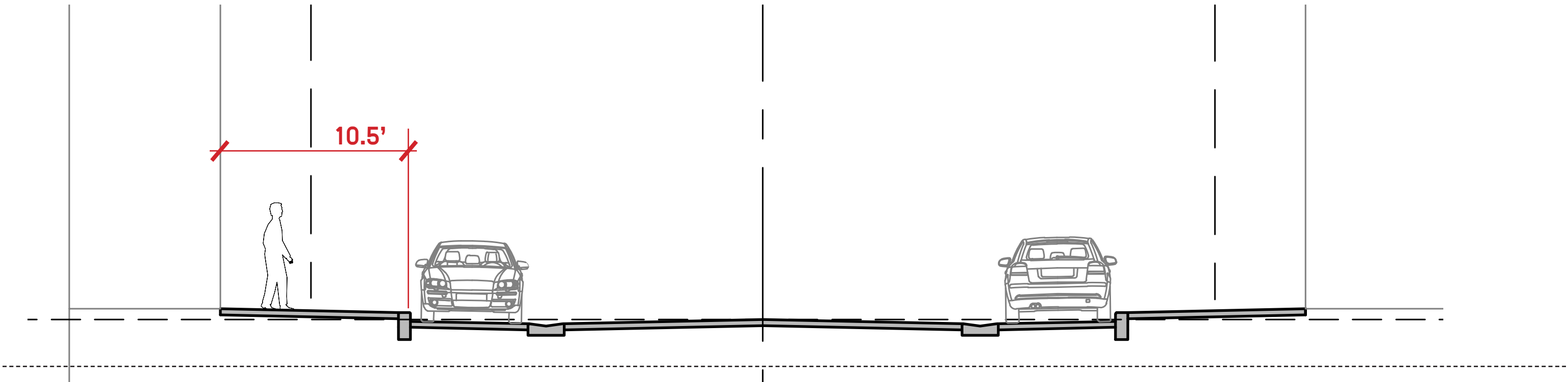


NW 1ST AVENUE

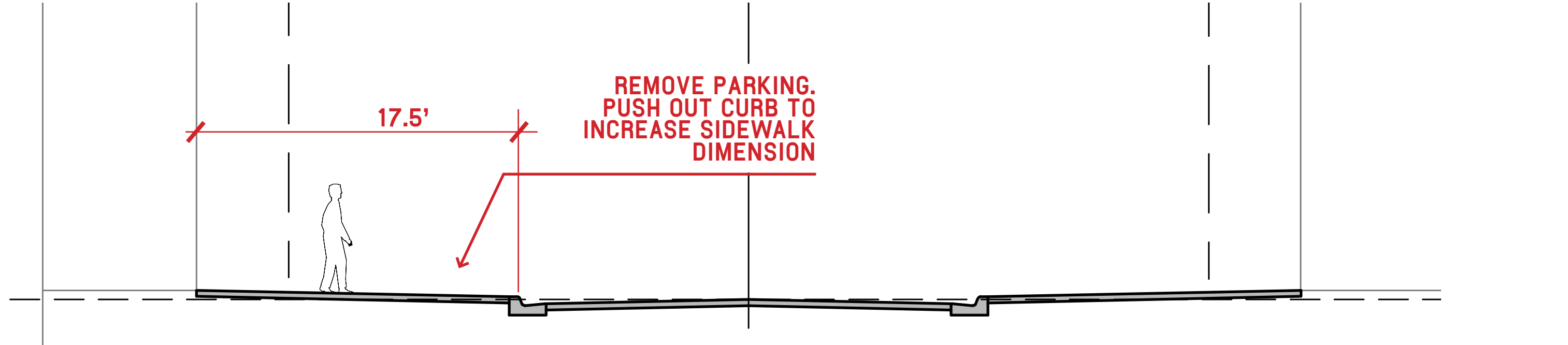


1ST AVENUE SIDEWALK WIDENING

EXISTING CONDITION

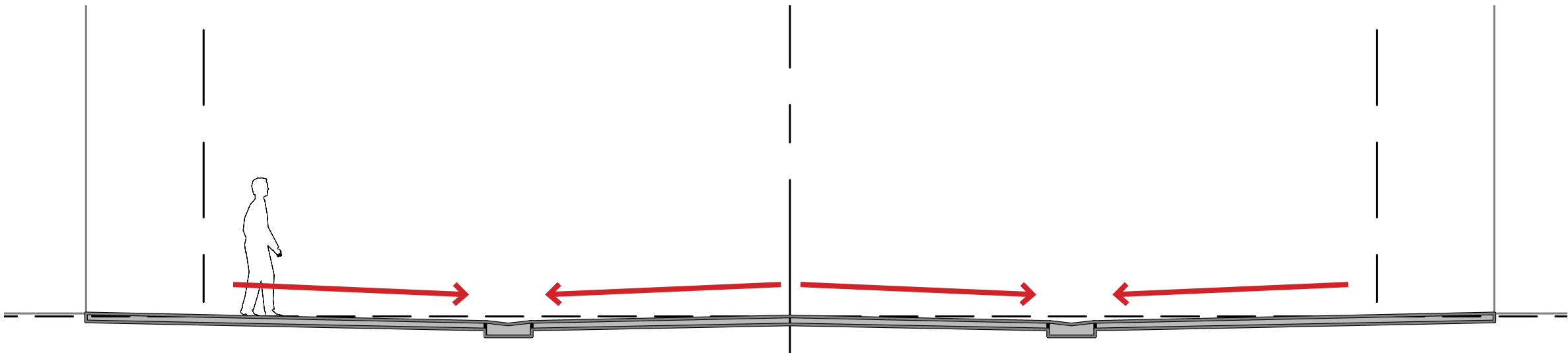


EASILY PHASED IMPLEMENTATION



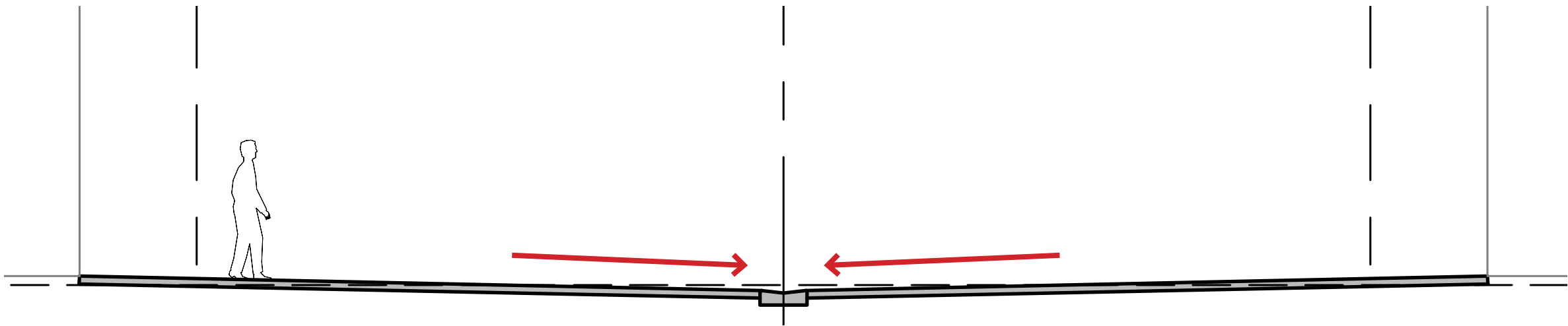
CURBLESS “W” PROFILE

*REQUIRES VARIANCE FOR FFE @ <4” ABOVE CROWN

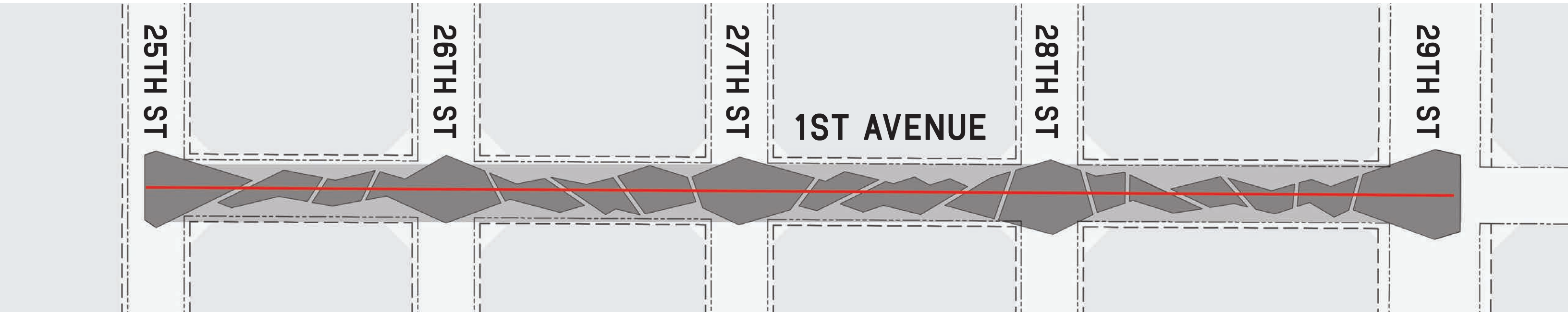


CURBLESS “INVERTED CROWN” PROFILE

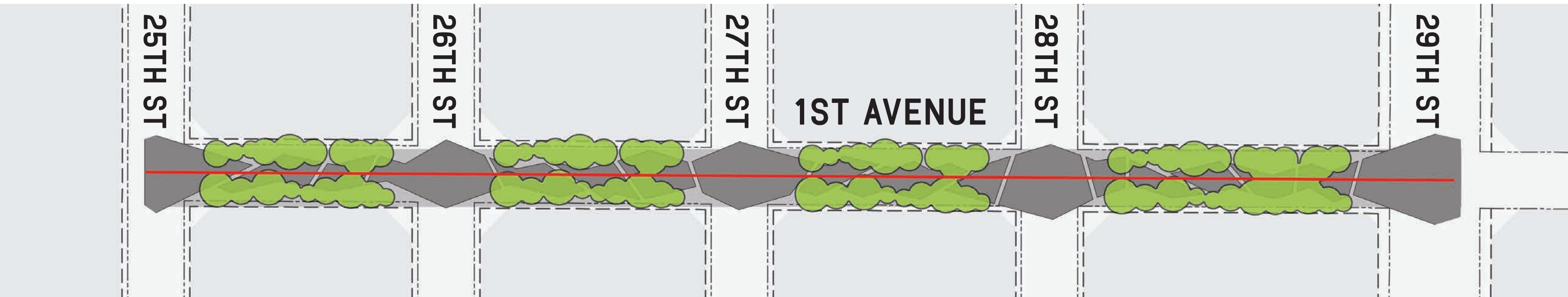
- OPTIMAL WOONERF CONDITION
- REQUIRES IMPLEMENTATION STRATEGY



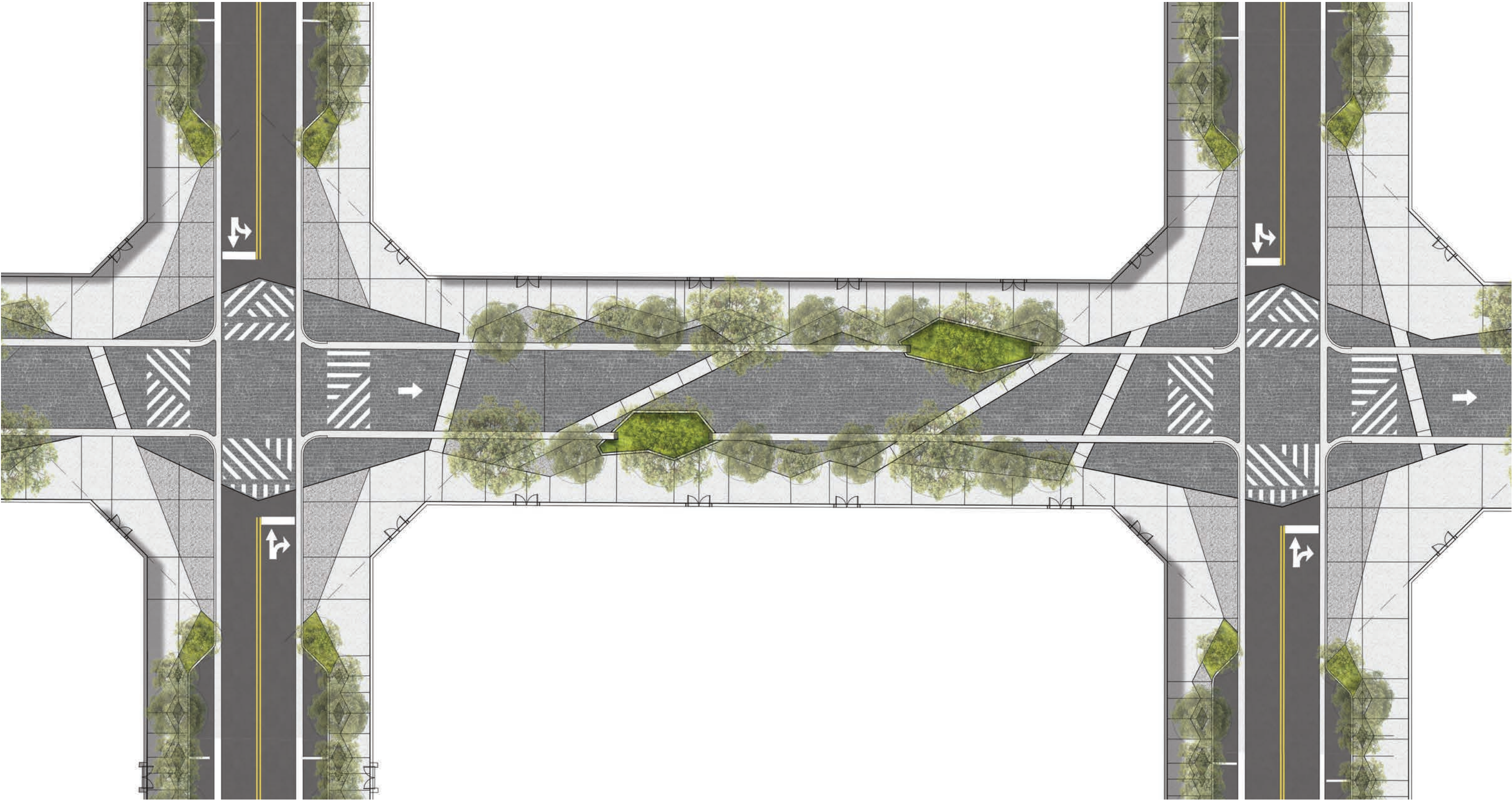
TRAFFIC CALMING



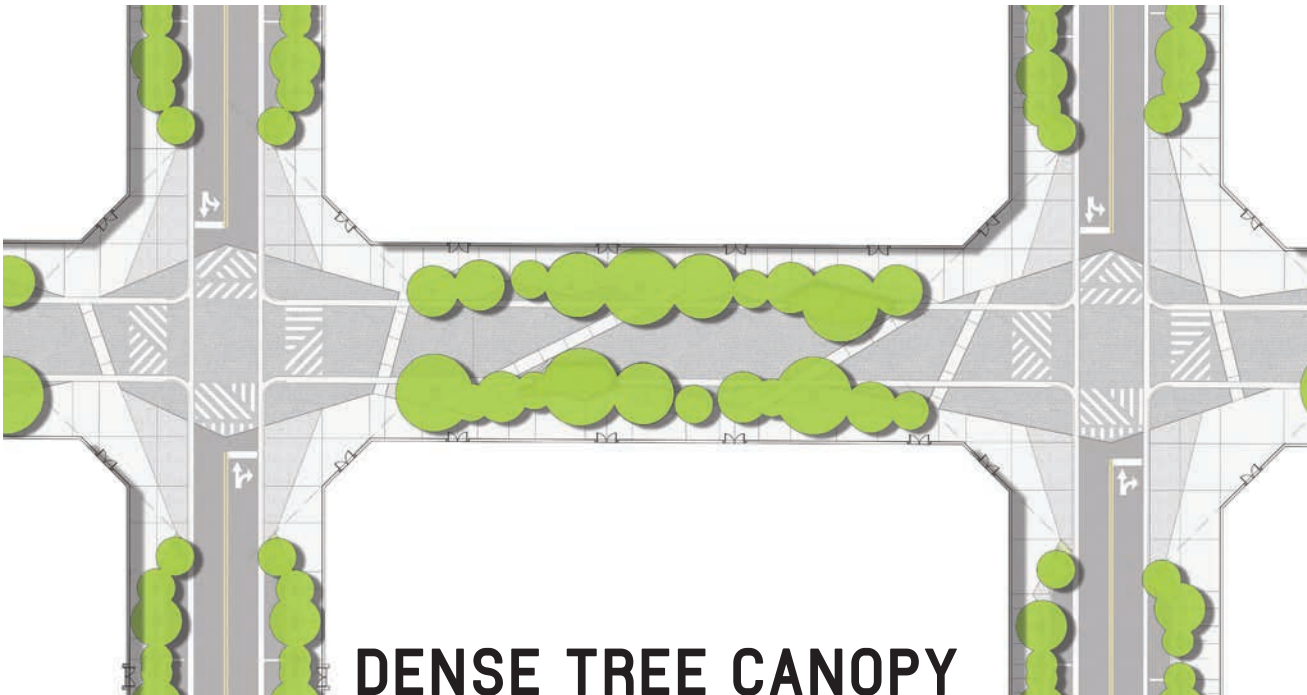
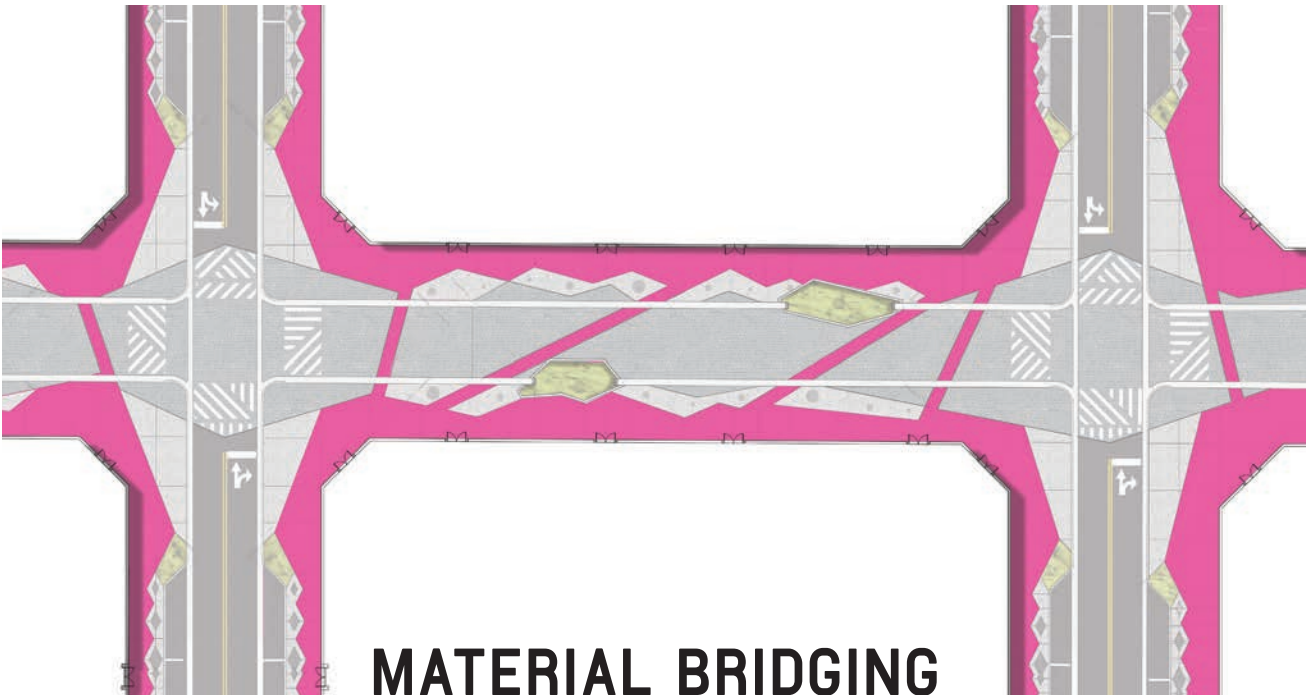
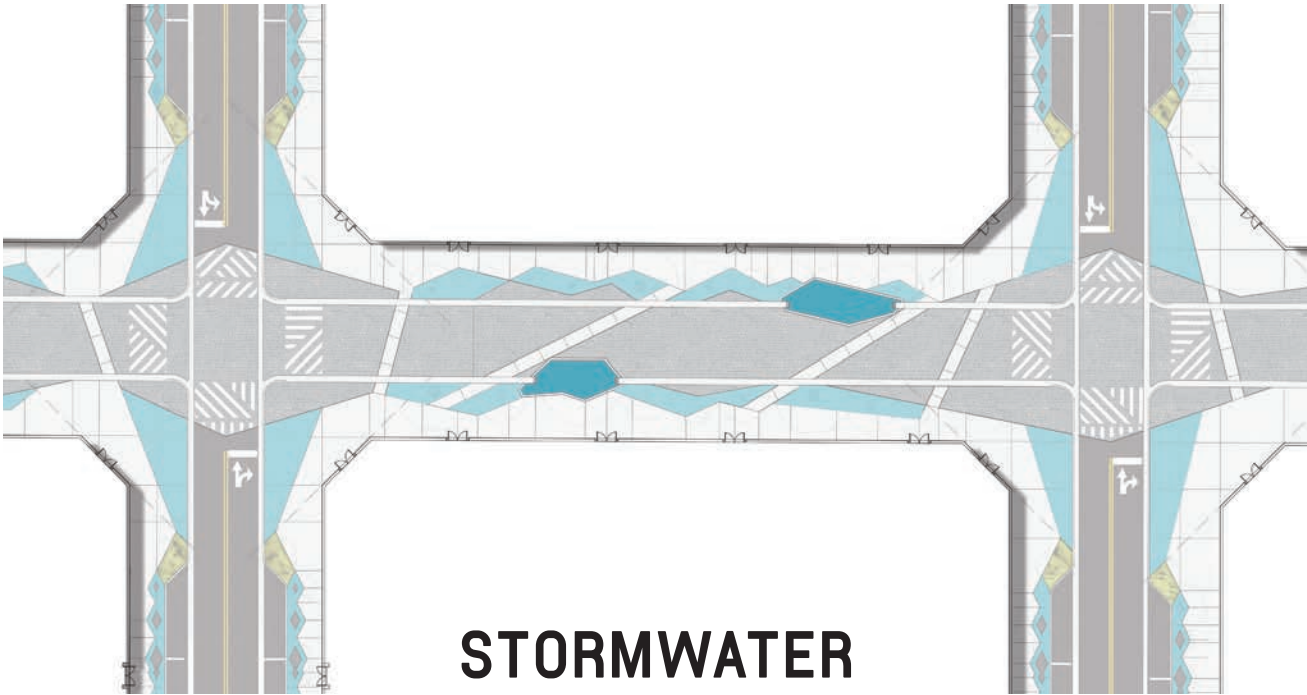
HARDWOOD HAMMOCK



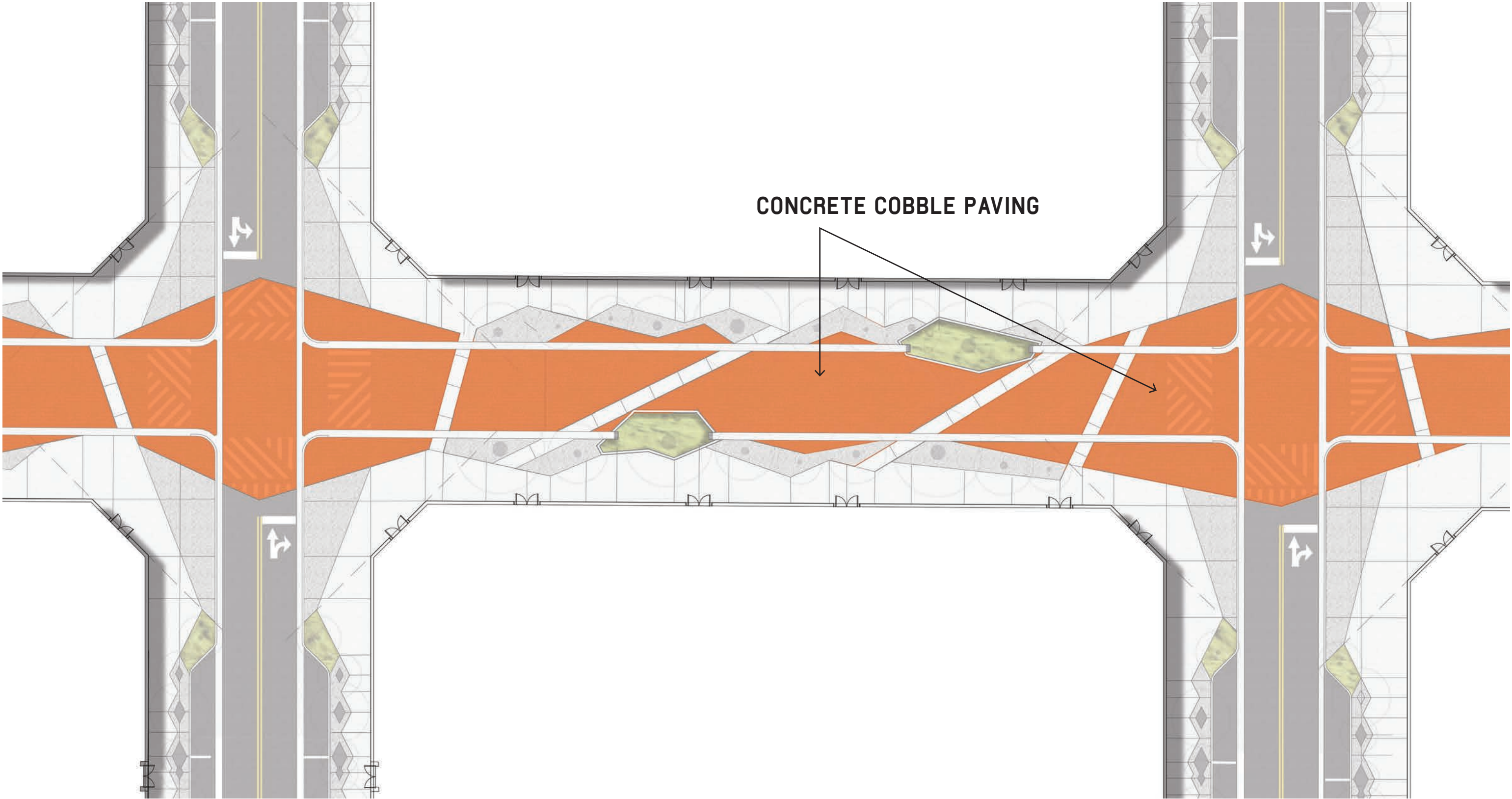
1ST AVE WOONERF_CONCEPT SAMPLE



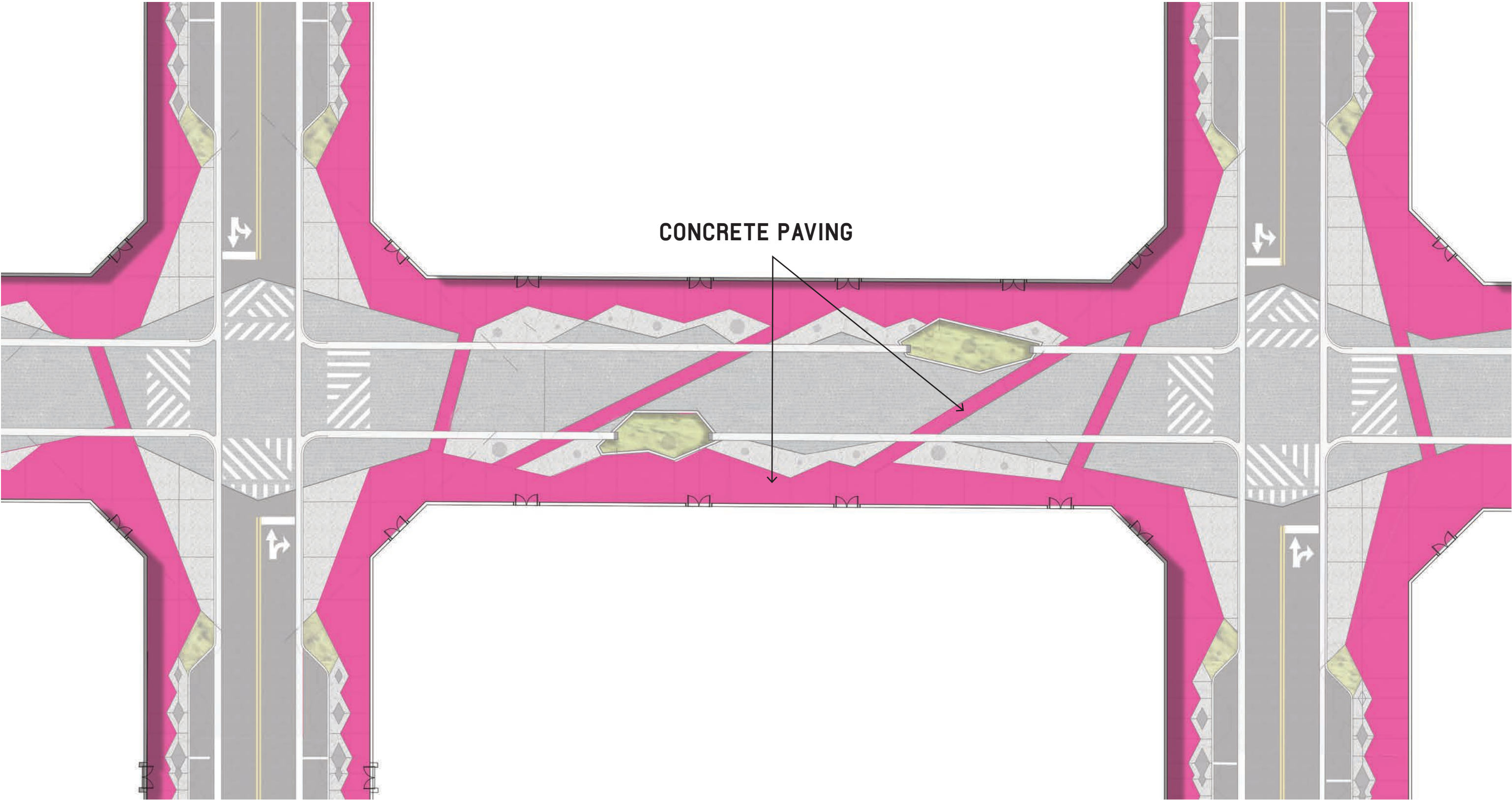
1ST AVE WOONERF_DESIGN STRATEGIES



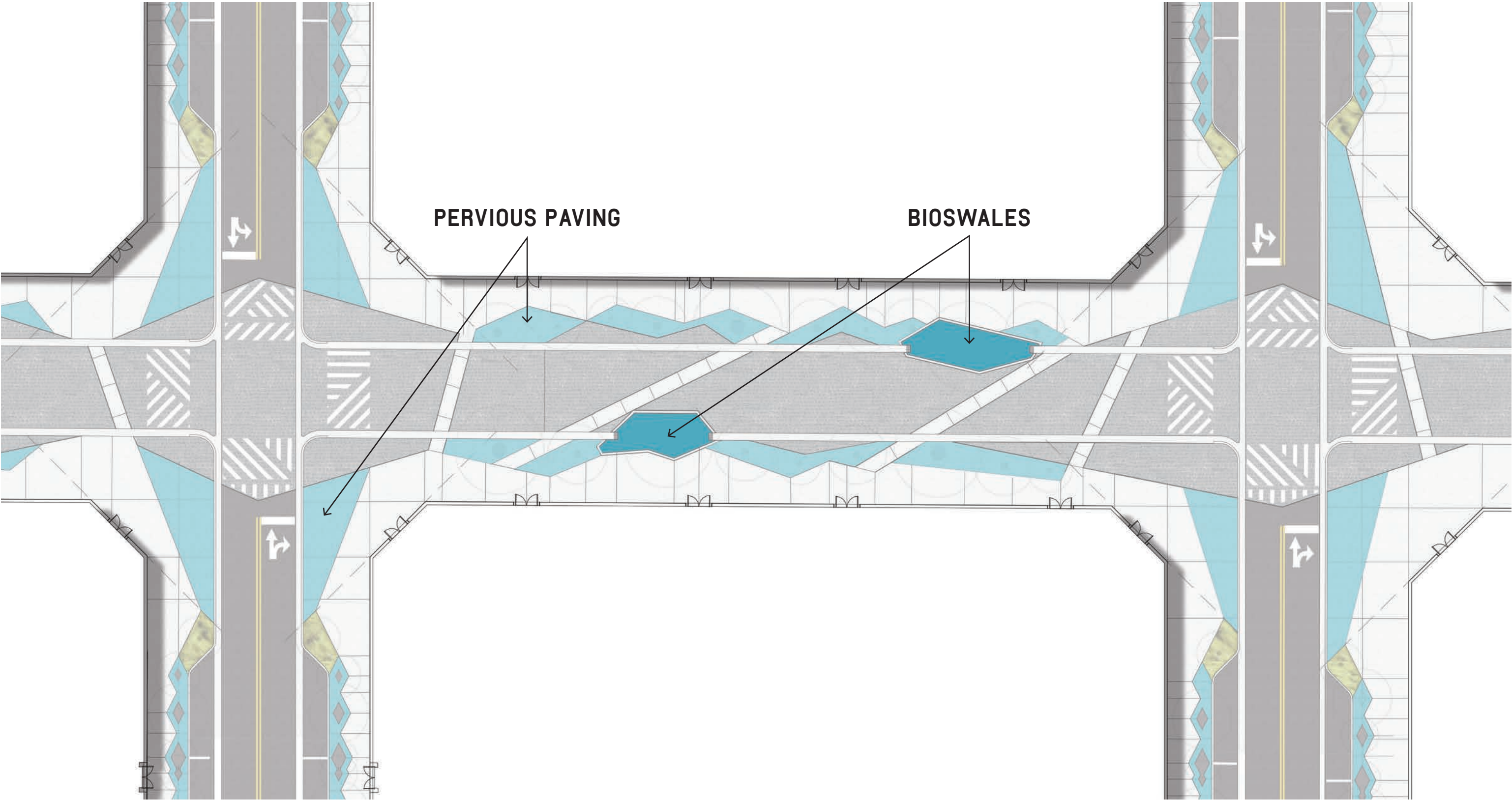
TRAFFIC CALMING



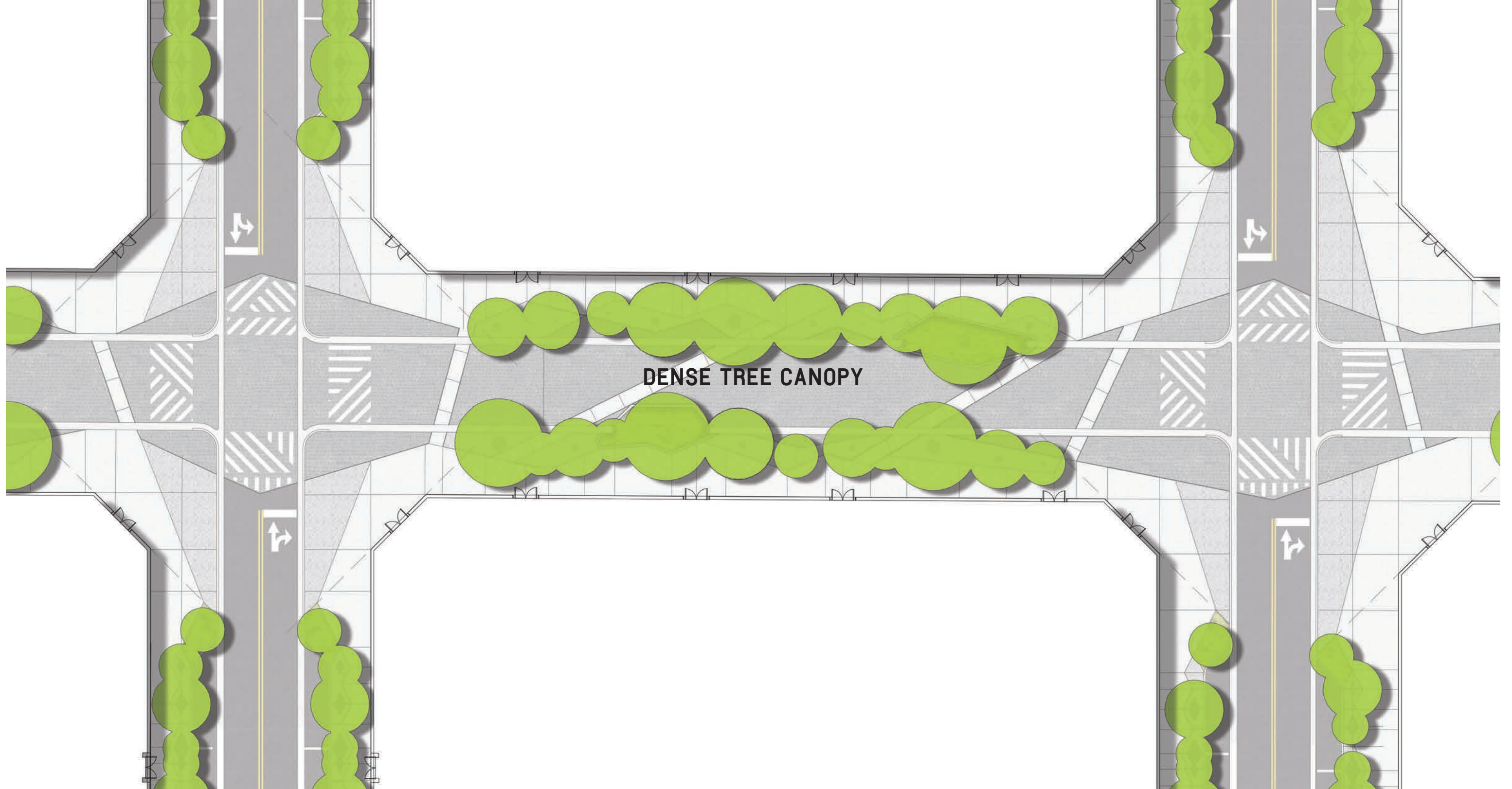
MATERIAL BRIDGING



STORMWATER



1ST AVE WOONERF CONCEPT SAMPLE





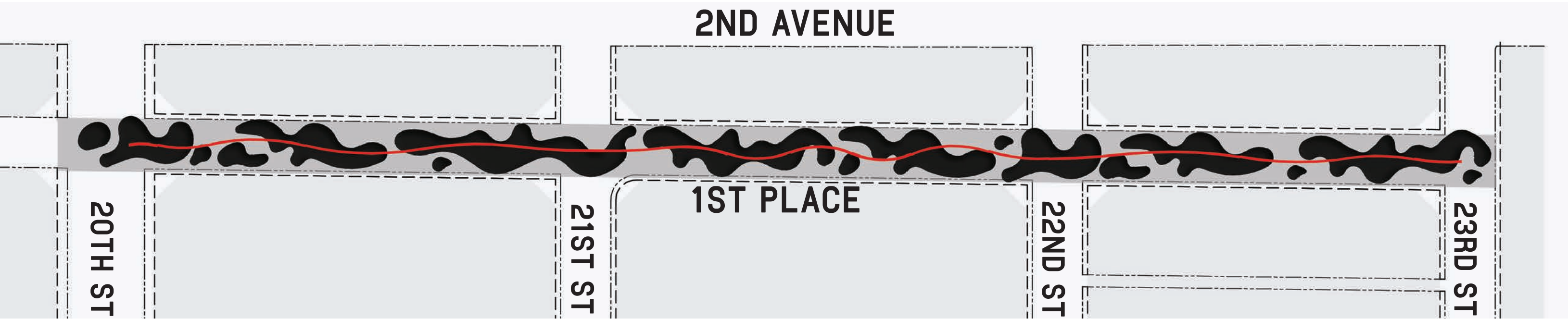
NW 1ST PLACE



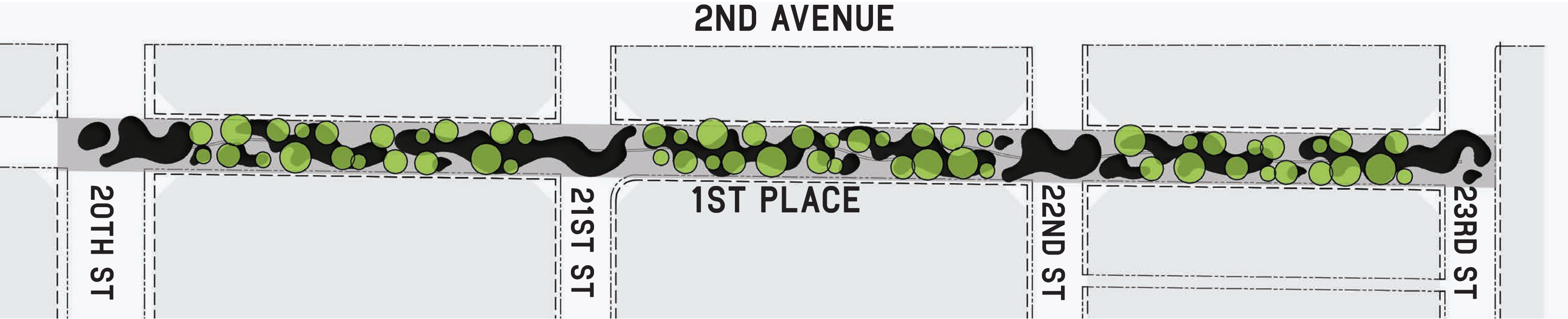
NW 1ST PLACE



TRAFFIC CALMING



PINE ROCKLAND





**Rebuilding South Florida's
pine rocklands, one yard at a time.**

For more information, please visit www.fairchildgarden.org

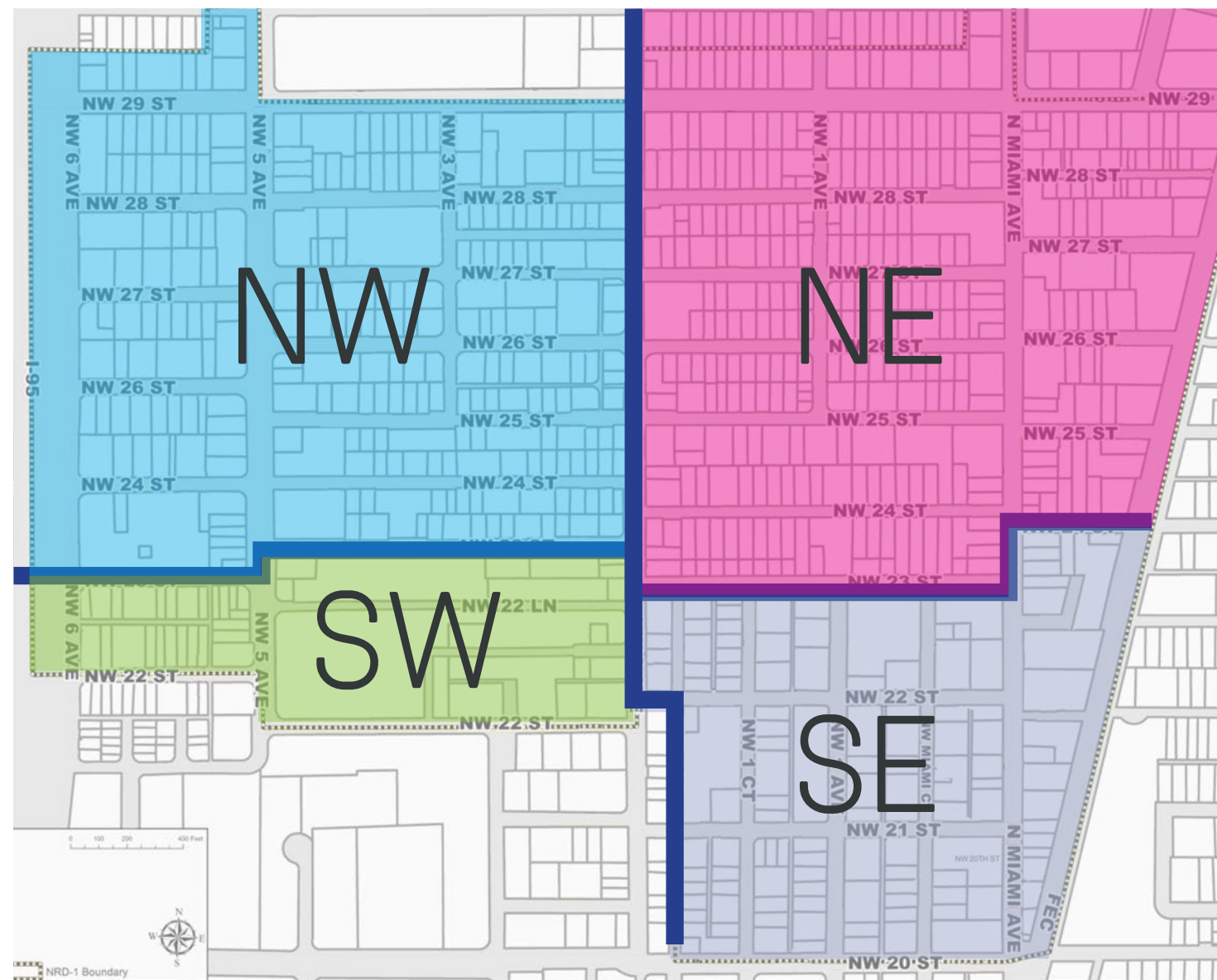
FAIRCHILD TROPICAL BOTANIC GARDEN®
Exploring, Explaining and Conserving the World of Tropical Plants

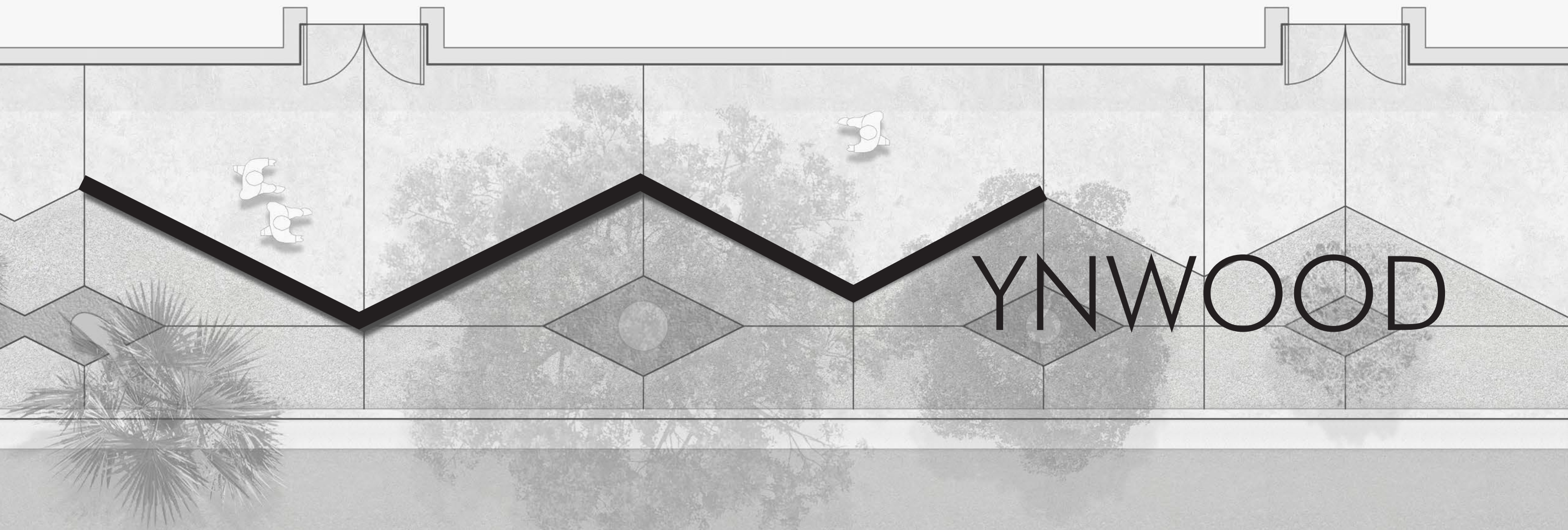


ARTISTIC WAYFINDING & FURNISHINGS

CROWDSOURCING PROGRAM FOR ARTISTS // CALL FOR ENTRIES:

1. BENCHES
2. BIKE RACKS
3. LITTER BINS
4. LAMP POSTS





THANK YOU!

 [@arquitectonicageo](https://www.instagram.com/arquitectonicageo)