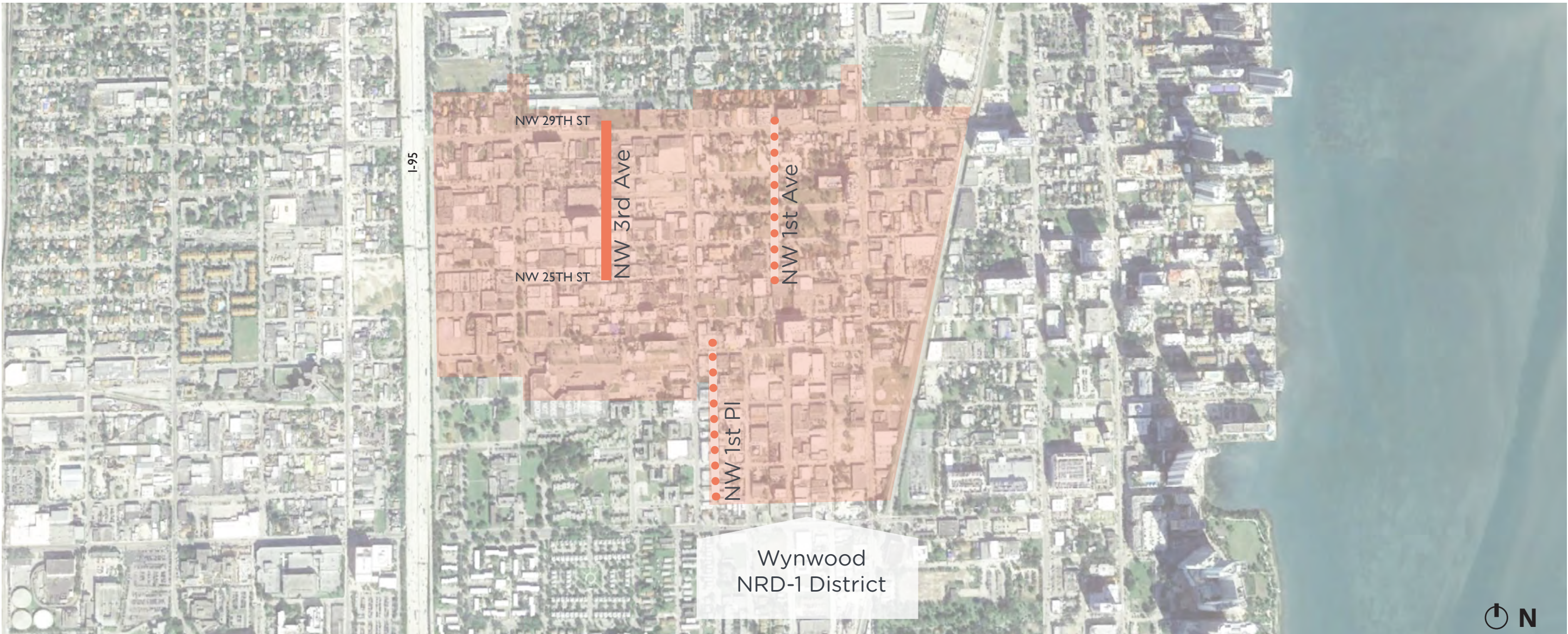


WYNWOOD WOONERF SCHEMATIC DESIGN

NW 3rd Avenue

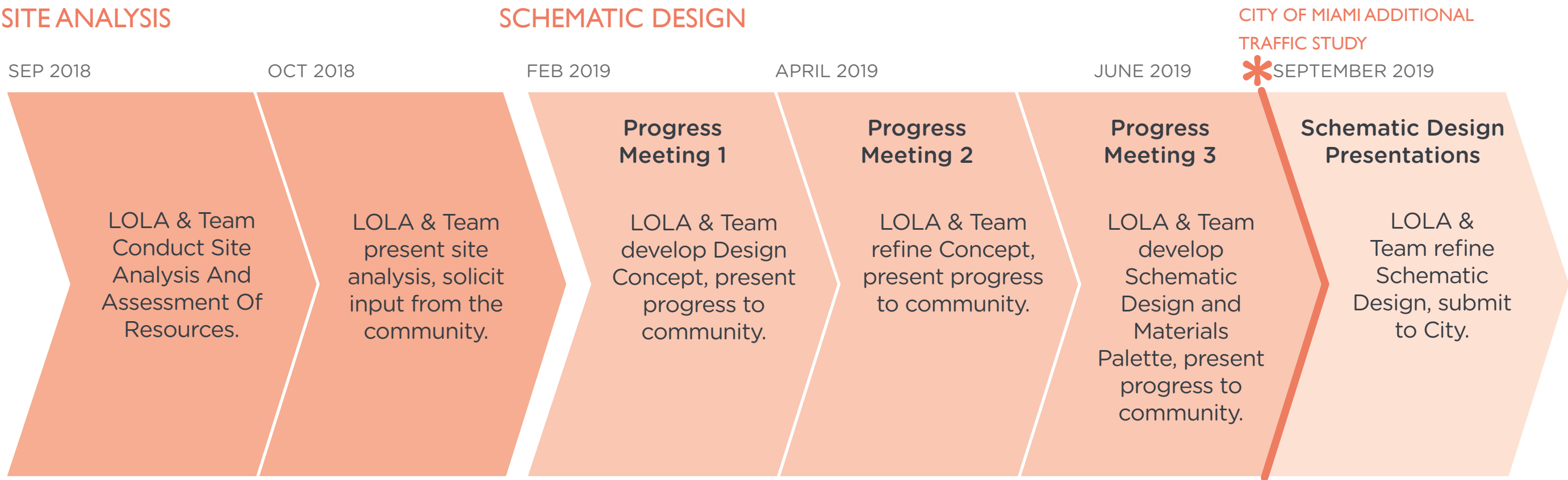
WYNWOOD WOONERF | NW 3RD AVE PILOT

A dynamic new street design developed to convert a public thoroughfare into a pedestrian primary zone which acts as a public open space



- Planned Woonerfs
- Pilot Woonerf

PROJECT PROCESS AND TIMELINE



Design Concept Review











































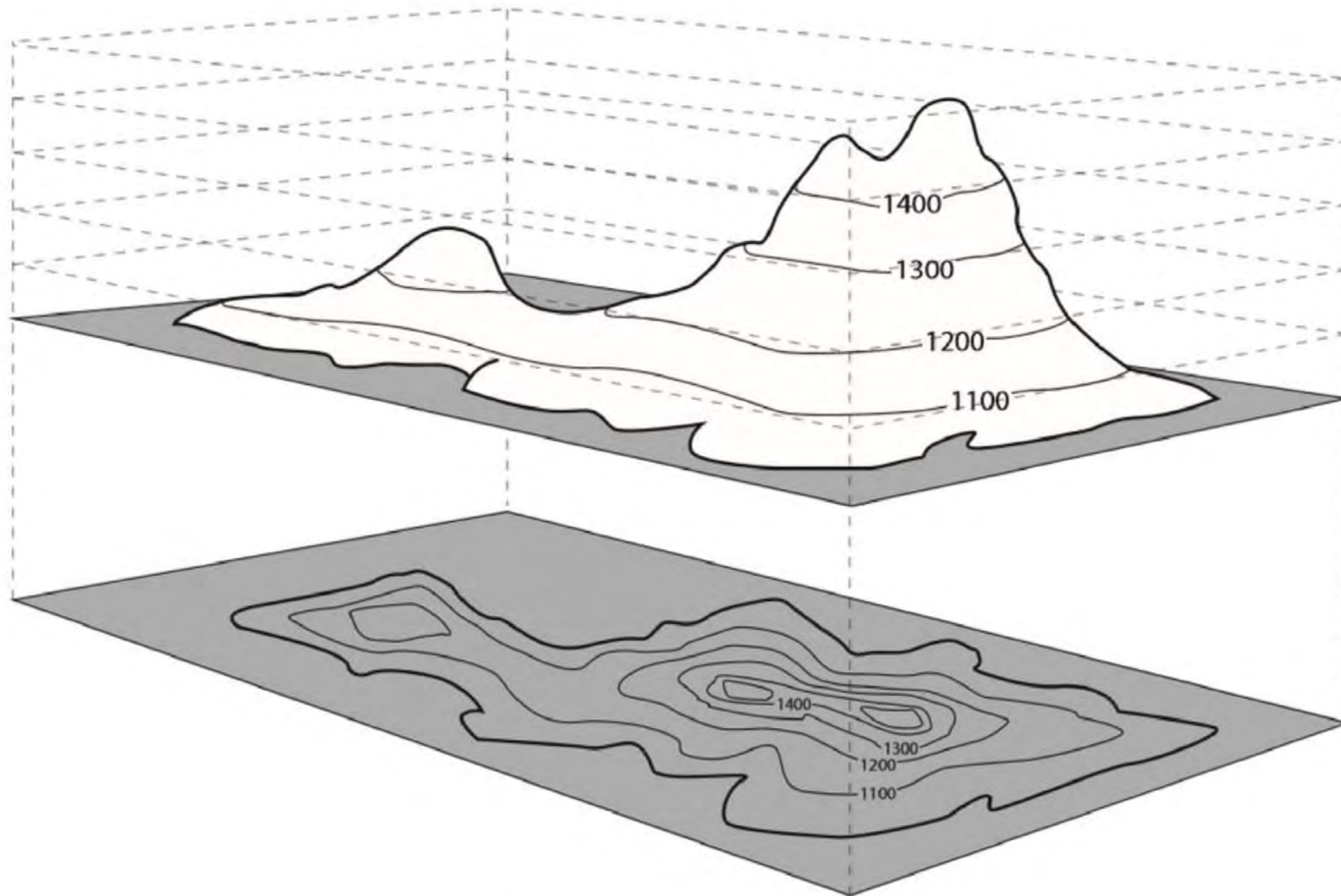


















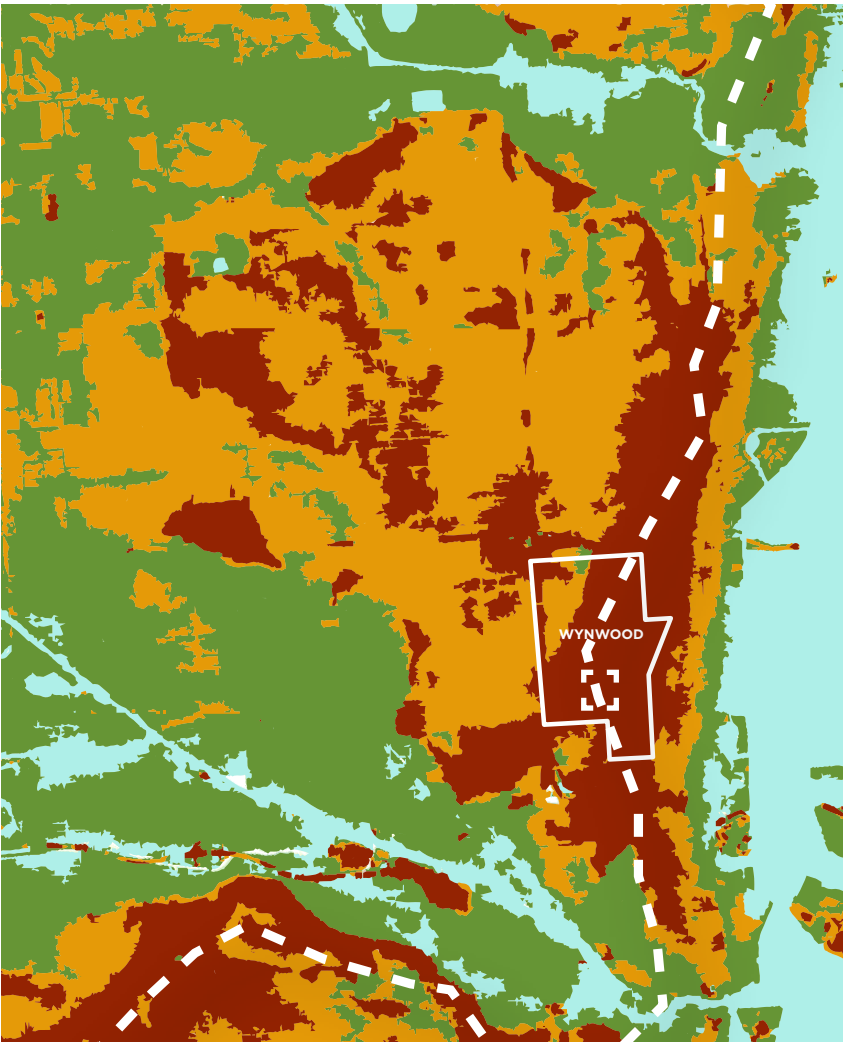
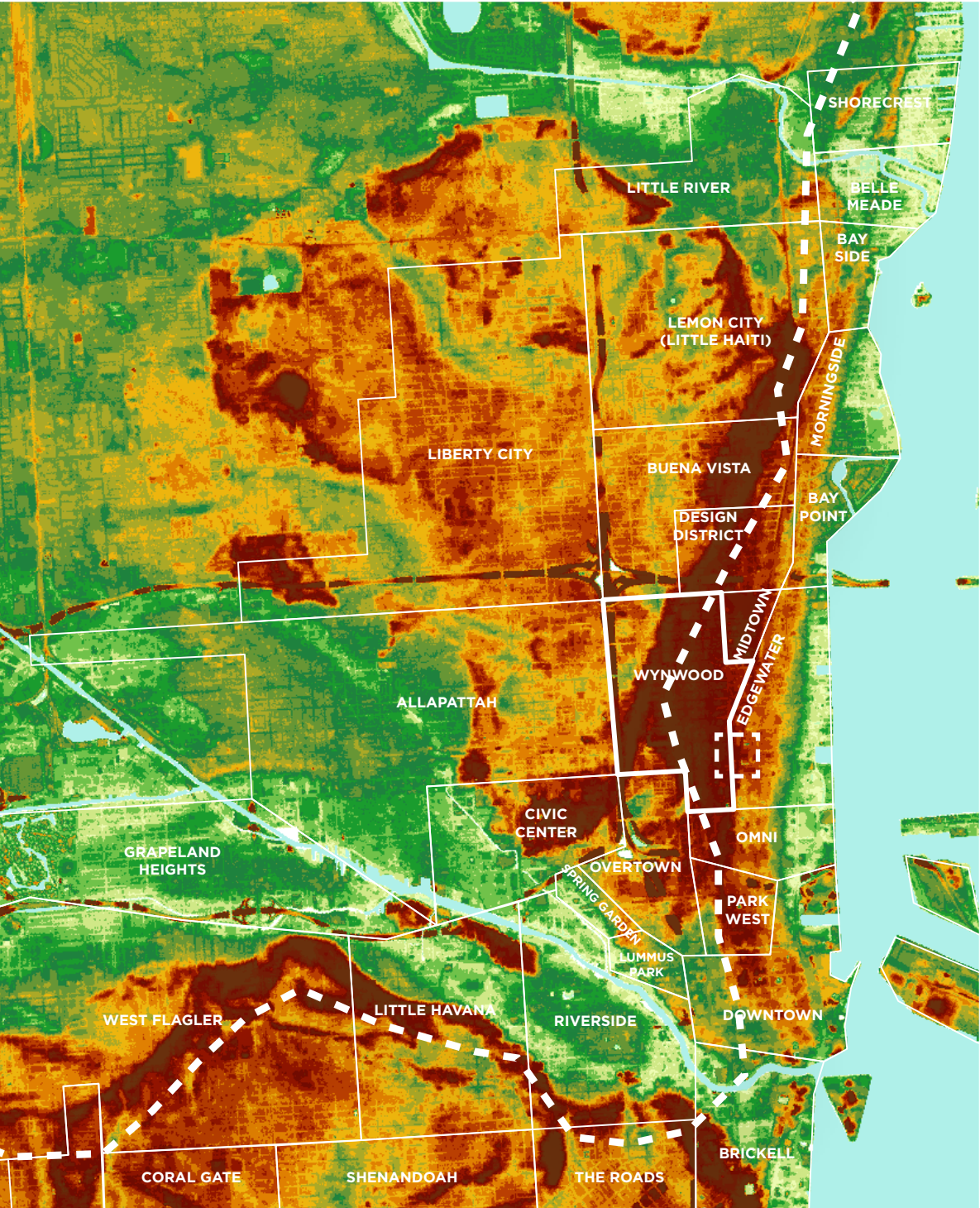




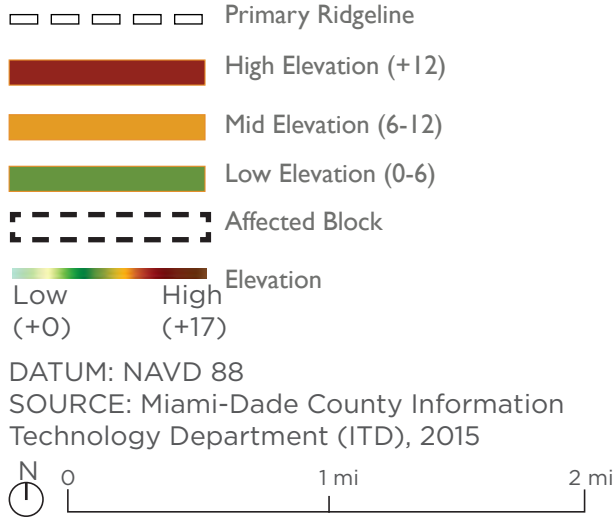




BISCAYNE 'ISLAND' ELEVATION



ELEVATION ANALYSIS



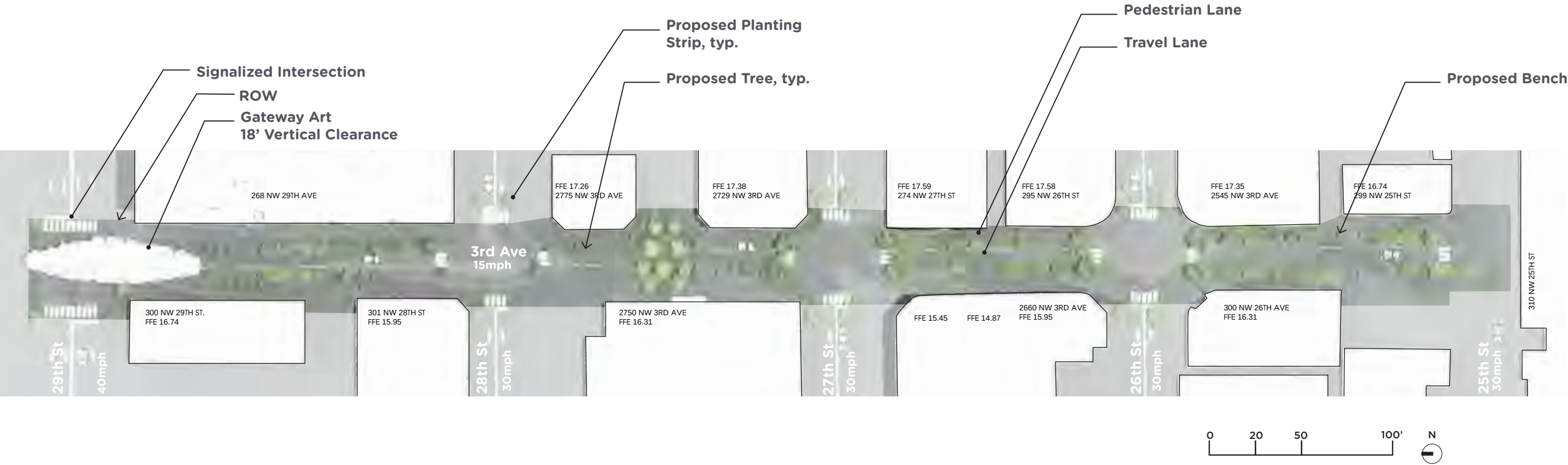
NW 3RD SITE ELEVATION



Schematic Design

SCHEMATIC PLAN

Woonerf Design



GATEWAY ART

Opportunity for art at 29th Street and 3rd Ave.



Patrick Shearn



Janet Echelman

CLIMATE CLOUD

Opportunity for art at 27th Terrace and 3rd Ave.



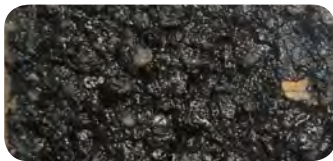
Anish Kapoor



Fujiko Nakaya

MATERIALS PALETTE

PERMEABLE ASPHALT COLORS



Black base bitumen 70/100
None



Black base bitumen 70/100
1% white + 2% black



Sealoflex Color® 70/100
2% white + 1% black



Sealoflex Color® 70/100 New Clear
0.5% black + 2.5% white



Sealoflex Color® 70/100 New Clear
0.25% black + 2.75% white



Sealoflex Color® 70/100
3% white

METAL



Corten



Steel



Copper



Aluminum

RUMBLE STRIP



Belgian Block

FURNISHINGS



Movable furniture
Forms+Surfaces - Vista



Bench
mmcite - Onda



Bollard
mmcite - Lot

LIGHT

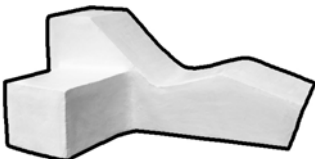
OPPORTUNITIES FOR COMMISSIONED ARTWORK



Movable furniture



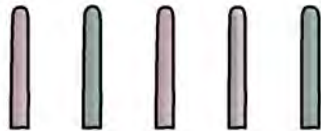
Gateway



Bench



Lighting



Bollard



Downspout



Manhole Cover

Plant Palette

Trees

LARGE TREES - 30'



Bald Cypress
Taxodium distichum
'Peve Minaret'



Green Buttonwood
Conocarpus erectus



Jamaica Dogwood
Piscidia piscipula



Gumbo Limbo
Bursera simaruba



Pond Cypress
Taxodium ascendens
'Nutans'



Wild Tamarind
Lysiloma latisiliquum

MEDIUM TREES - 20'



Pigeon Plum
Coccoloba diversifolia



Cinnecord
Acacia coriophylla



Black Ironwood
Krugiodendron ferreum



Orange Geiger
Cordia sebestena



Paradise Tree
Simarouba glauca



Mastic
Sideroxylon foetidissimum



Pond Apple
Anonna glabra

SMALL TREES - 15'



Silver Buttonwood
Conocarpus erectus-sericeus



Redberry Stopper
Eugenia confusa



West Indies Lignum Vitae
Guaiacum oficinale



Thatch Palm
Coccothrinax argentea



Bahama Strongback
Bourerria succulenta



Satinleaf
Chrysophyllum oliviforme



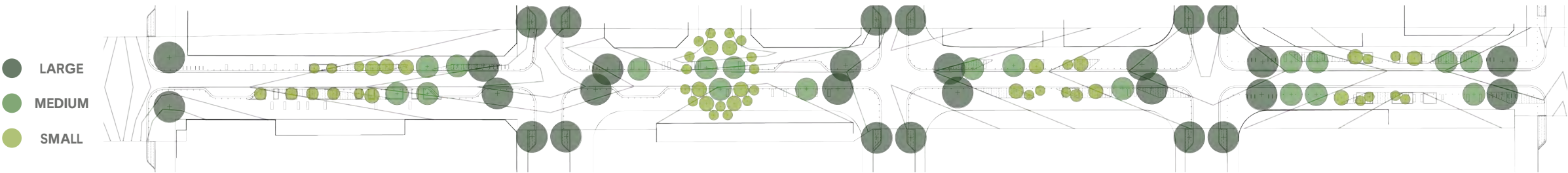
Cinnecord
Acacia coriophylla



Fiddlewood
Citharexylum spinosum



Joewood
Jacquinia keyensis



Plant Palette

Perennials

COARSE TEXTURE



Agave
Agave attenuata



Spanish Bayonet
Yucca aloifolia



Saw Palmetto
Serenoa repens

MEDIUM TEXTURE



Sea Lavender
Argusia gnaphalodes



Beach Grass
Panicum amarum

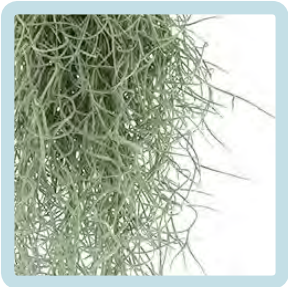


Coontie cycad
Zamia pumila



Mangrove Fern
Acrostichum aureum

FINE TEXTURE



Spanish Moss
Tillandsia usneoides



Blue Sage
Salvia azurea



Artillery Plant
Pilea serpyllifolia



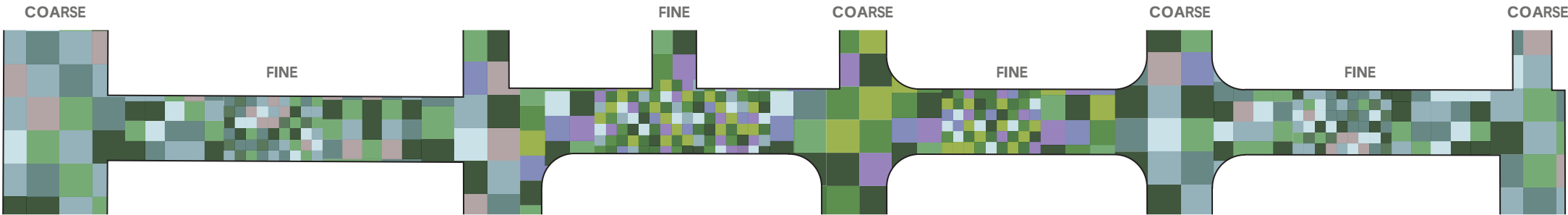
Devil's Backbone
Pedilanthus tithymaloides



Texas Sage
Leucophyllum frutescens



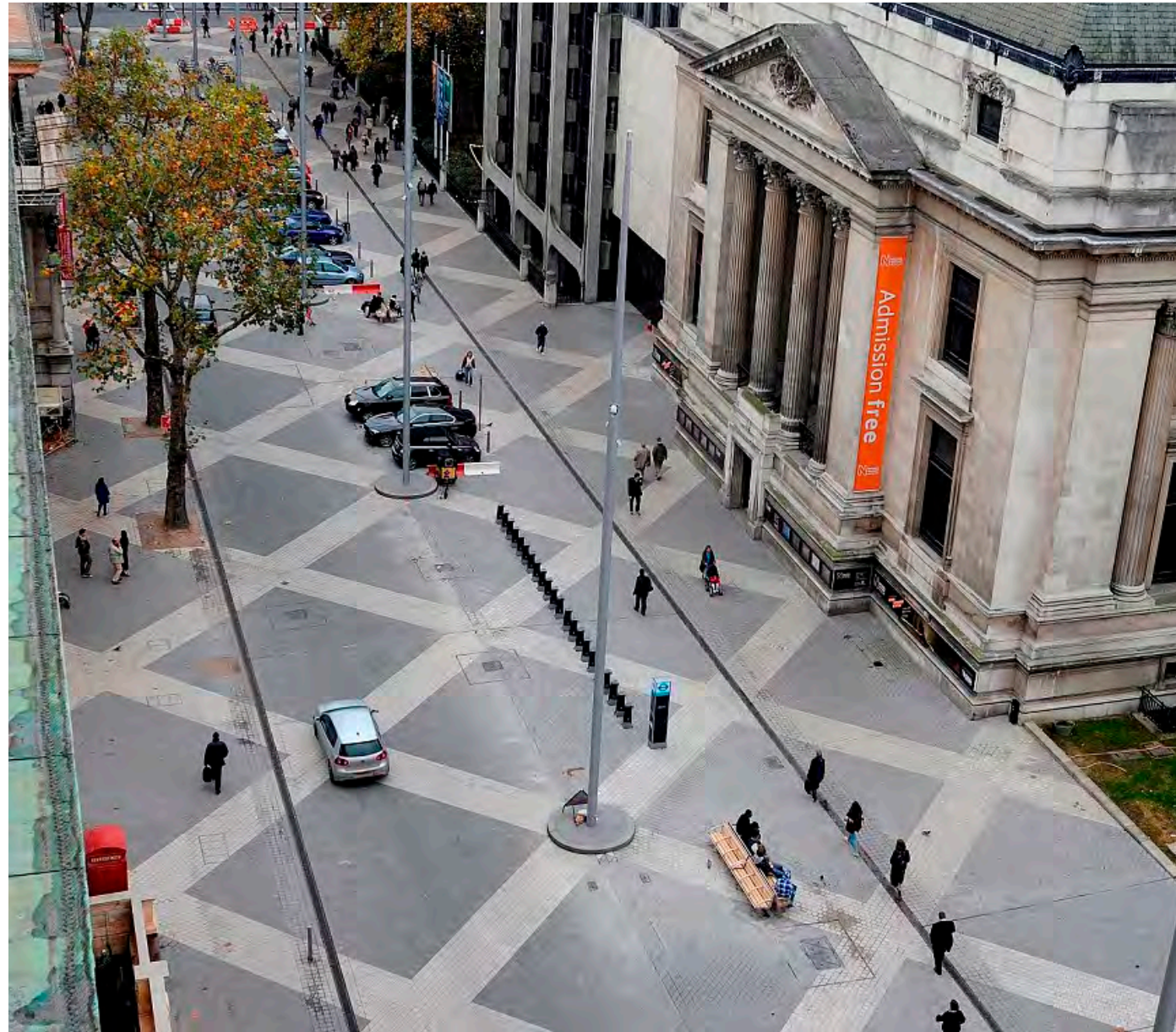
Porterweed
Stachytarpheta jamaicensis



Typical Block Design

WOONERF PRECEDENT

Design Elements for Safety



Exhibition Road - London, UK



WOONERF PRECEDENT

Design Elements for Safety



Bell Street Park - Seattle, WA



WOONERF PRECEDENT

Intersection Design



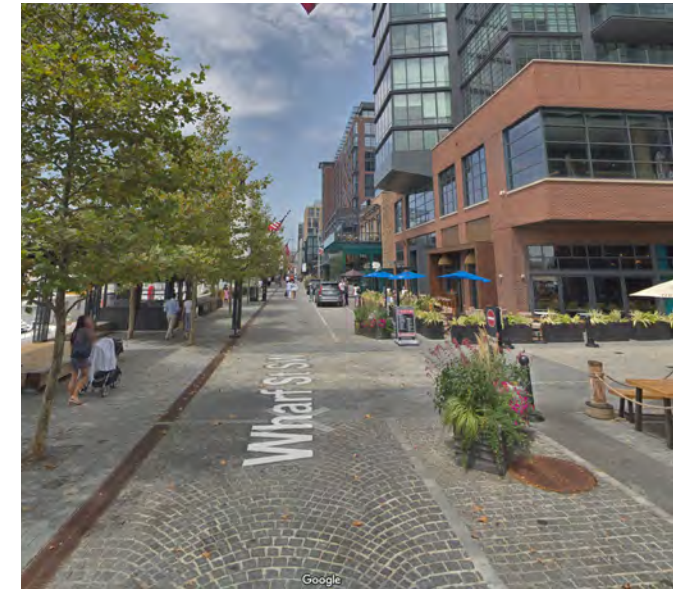
Bell Street Park - Seattle, WA
Curb, Ramp, Offset Furnishings



Exhibition Road - London, UK
Median, Bollards, Tree, Poles



The Wharf - Washington, DC
Curb, Bollards, Planters



The Wharf - Washington, DC
Bollards, Planters, Trees



Hoofdstraat - Emmen, NL
Sign Posts, Trees, Furnishings



London Road - Poynton, UK
Low Curb



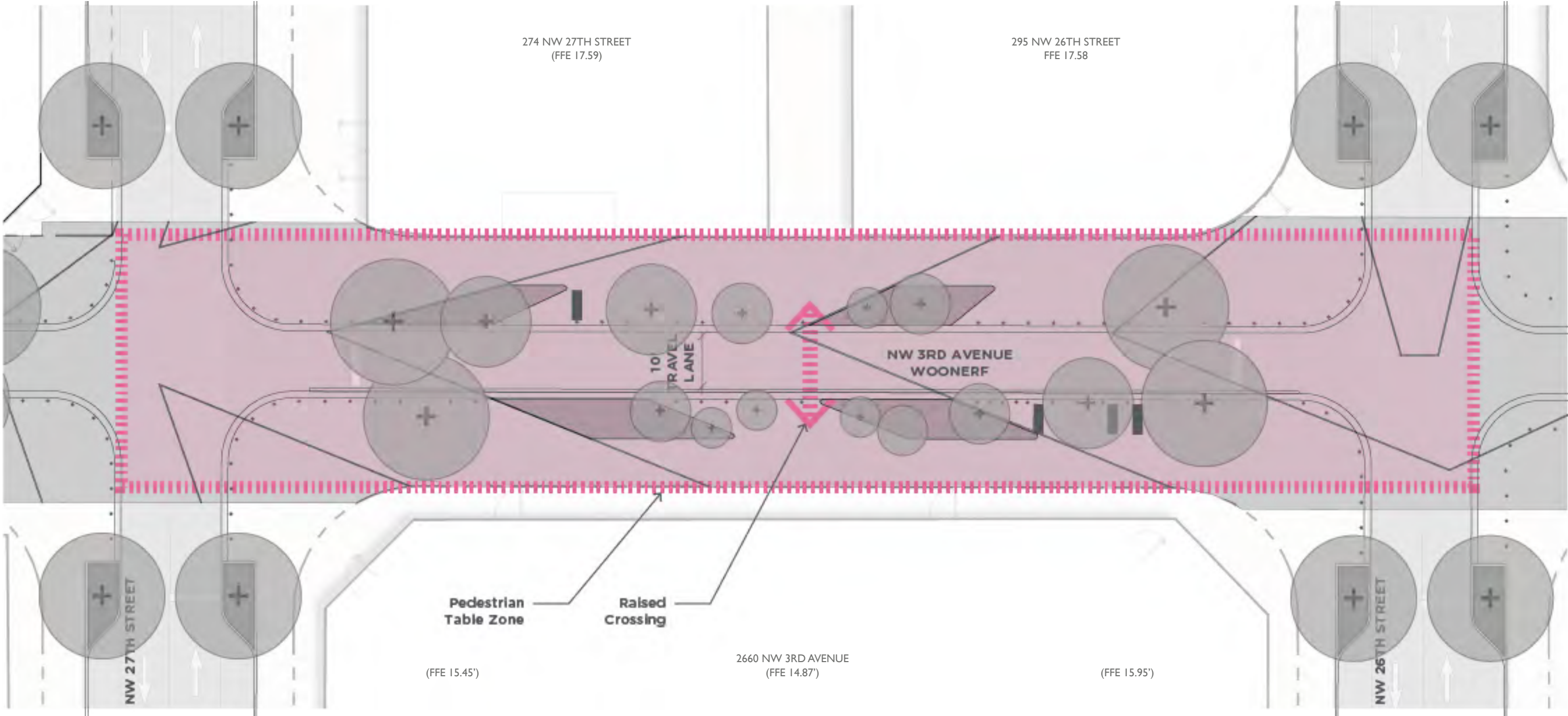
Exhibition Road - London, UK
Bike Rack, Poles



Købmagergade Street - Copenhagen
Trees

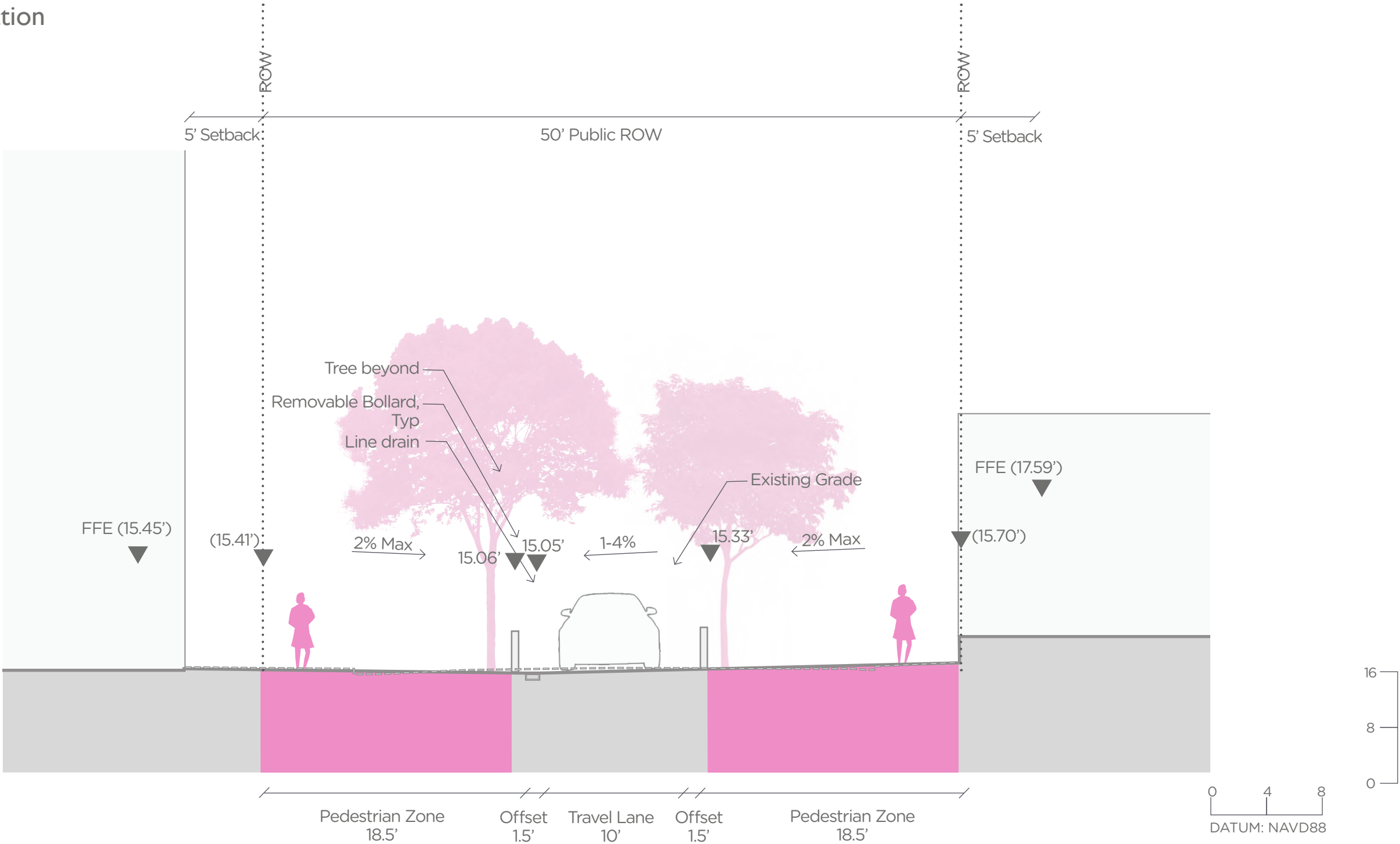
CURBLESS DESIGN

Typical Block Organization



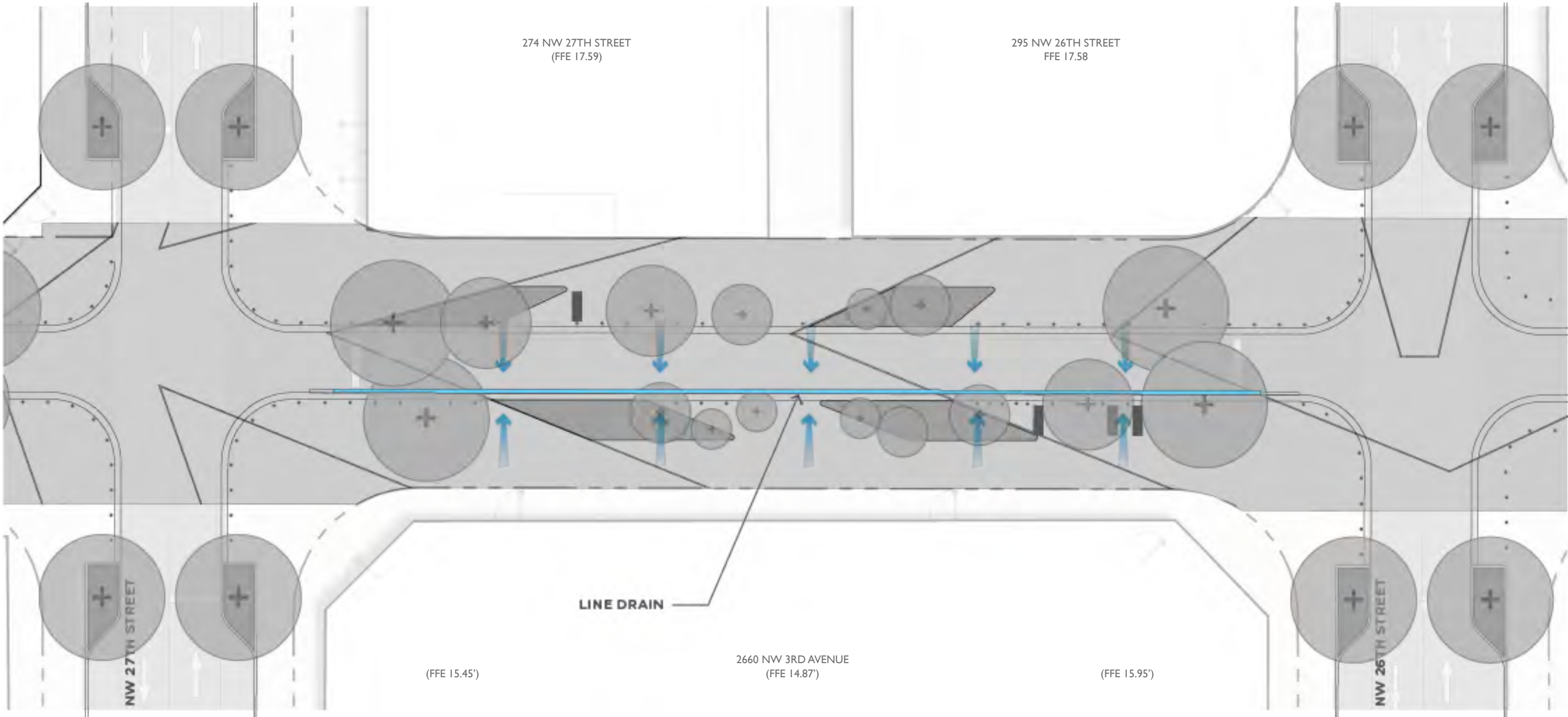
ACCESSIBILITY DESIGN

Typical Block Organization



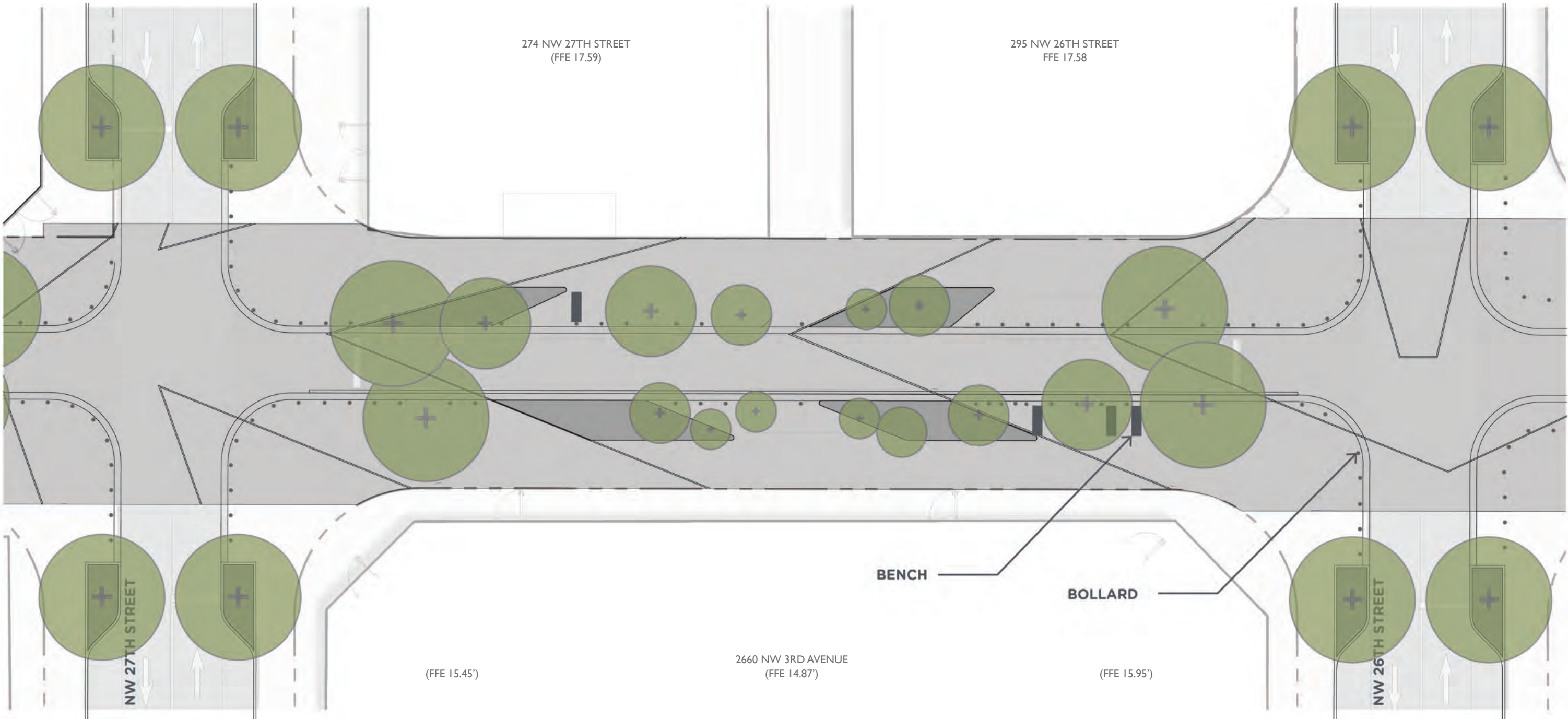
DRAINAGE DESIGN

Typical Block Organization



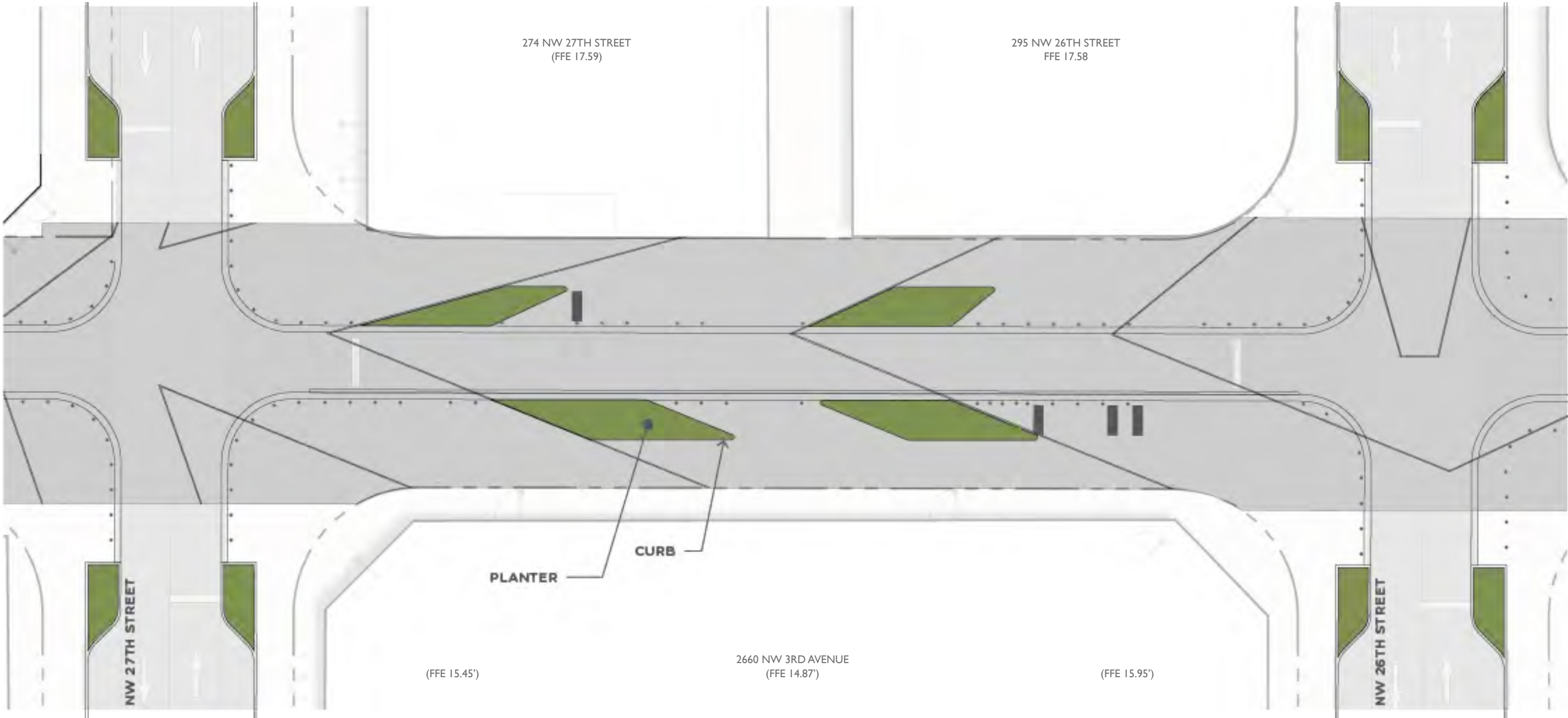
PEDESTRIAN SAFETY DESIGN

Typical Block Organization



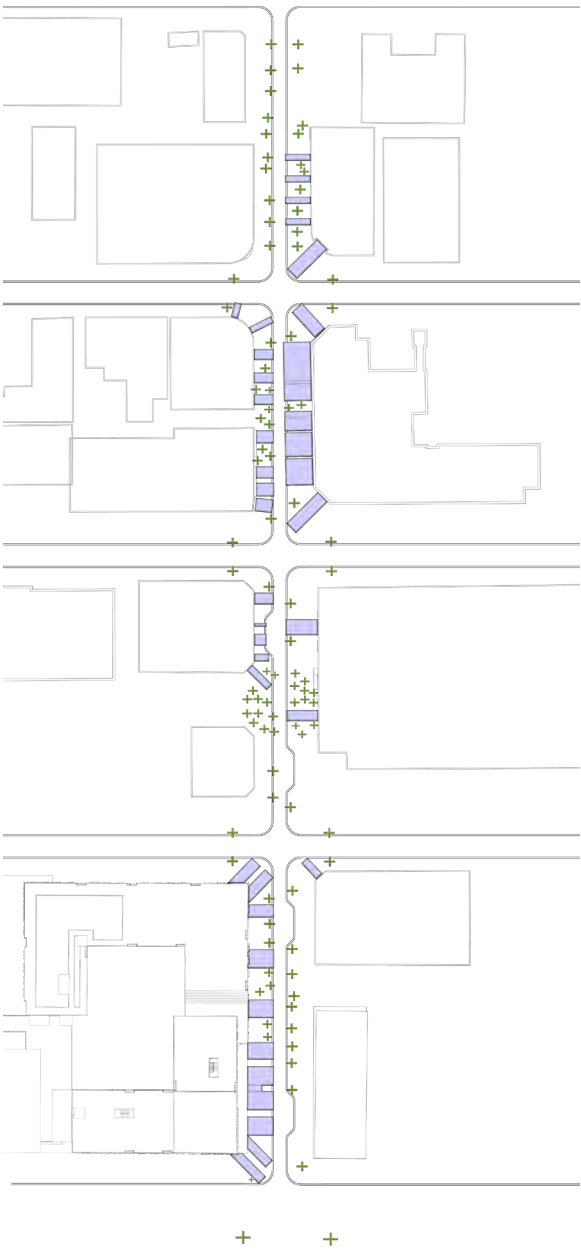
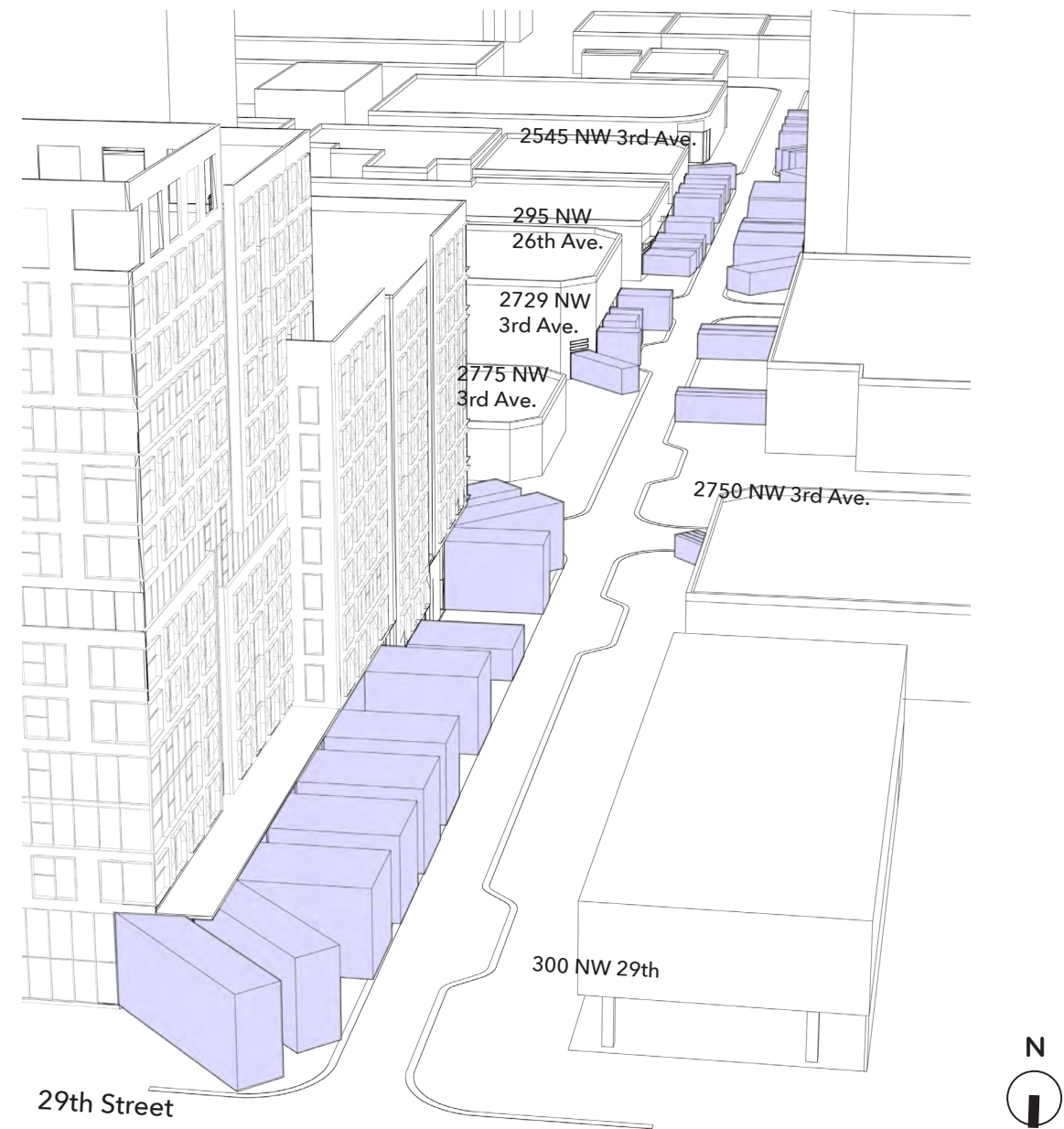
MID-BLOCK CROSSING DESIGN

Typical Block Organization



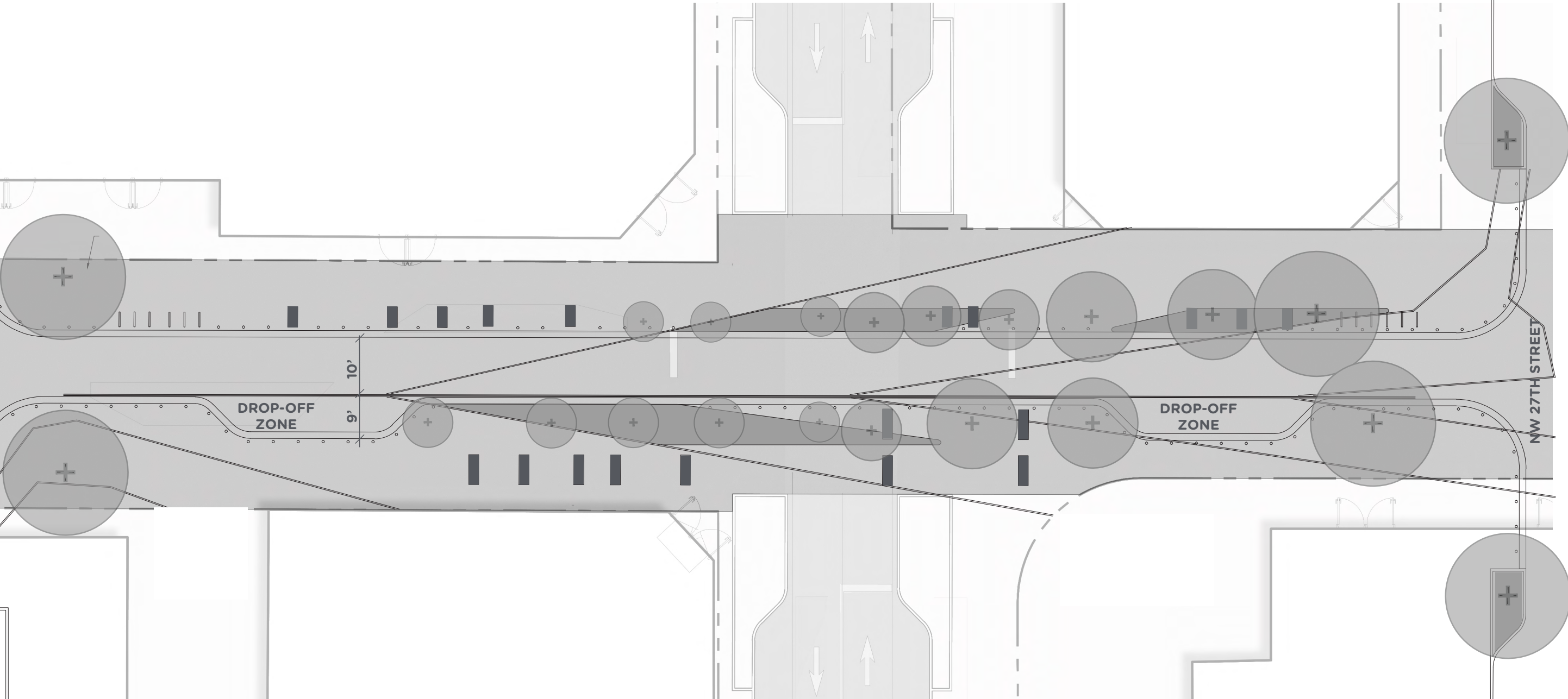
RETAIL VIEW CORRIDOR DESIGN

Woonerf Ground Floor Views



VEHICLE STANDING ZONES

Typical Block Organization



EMERGENCY VEHICLE DESIGN STANDARDS

Apparatus Standard Dimensions

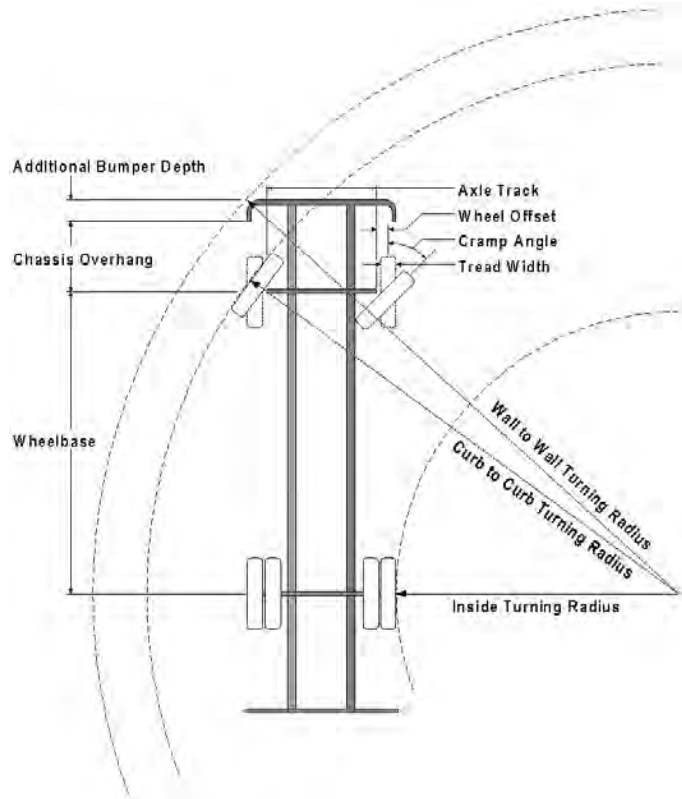


Turning Performance Analysis

03/09/2018

Bid Number: 695
Department: City of Miami

Chassis: Arrow XT Chassis, PAP/Midmount
Body: Aerial, Platform 100', No Pump, Alum Body



Parameters:	
Inside Cramp Angle:	45°
Axle Track:	82.92 in.
Wheel Offset:	5.25 in.
Tread Width:	16.3 in.
Chassis Overhang:	68.99 in.
Additional Bumper Depth:	19 in.
Front Overhang:	135.6 in.
Wheelbase:	268 in.
Calculated Turning Radii:	
Inside Turn:	21 ft. 3 in.
Curb to curb:	37 ft. 11 in.
Wall to wall:	45 ft. 4 in.

Pumpers/Engines	Height:	10' 8"
	Width:	101"
	Length:	35' 7.75"
	GVW:	45,000 lbs



Quints	Height:	11' 6"
	Width:	96"
	Length:	36'
	GVW:	54,800 lbs



Aerials-- 100 Ft Ladder	Height:	11' 9"
	Width:	96"
	Length:	47'
	GVW:	64,000 lbs.



Aerials-- 100 Ft Basket:	Height:	12' 3"
	Width:	96"
	Length:	47'
	GVW:	75,500 lbs

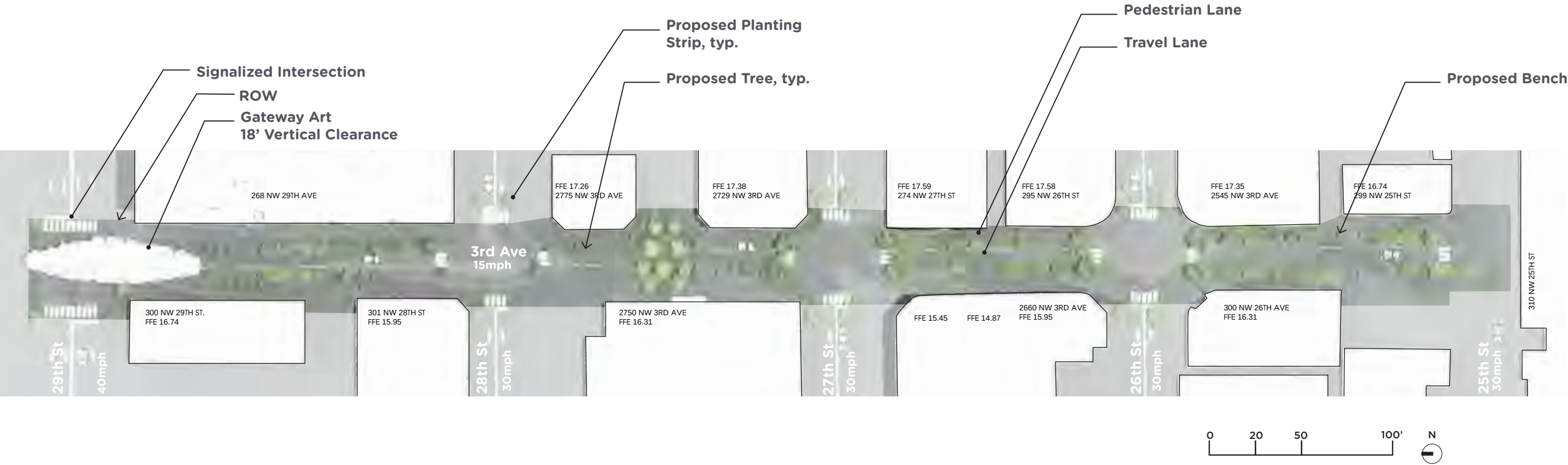


Rescue Trucks:	Height:	9' 8"
	Width:	8' 2"
	Length:	29'
	GVW:	25,500 lbs



SCHEMATIC PLAN

Woonerf Design

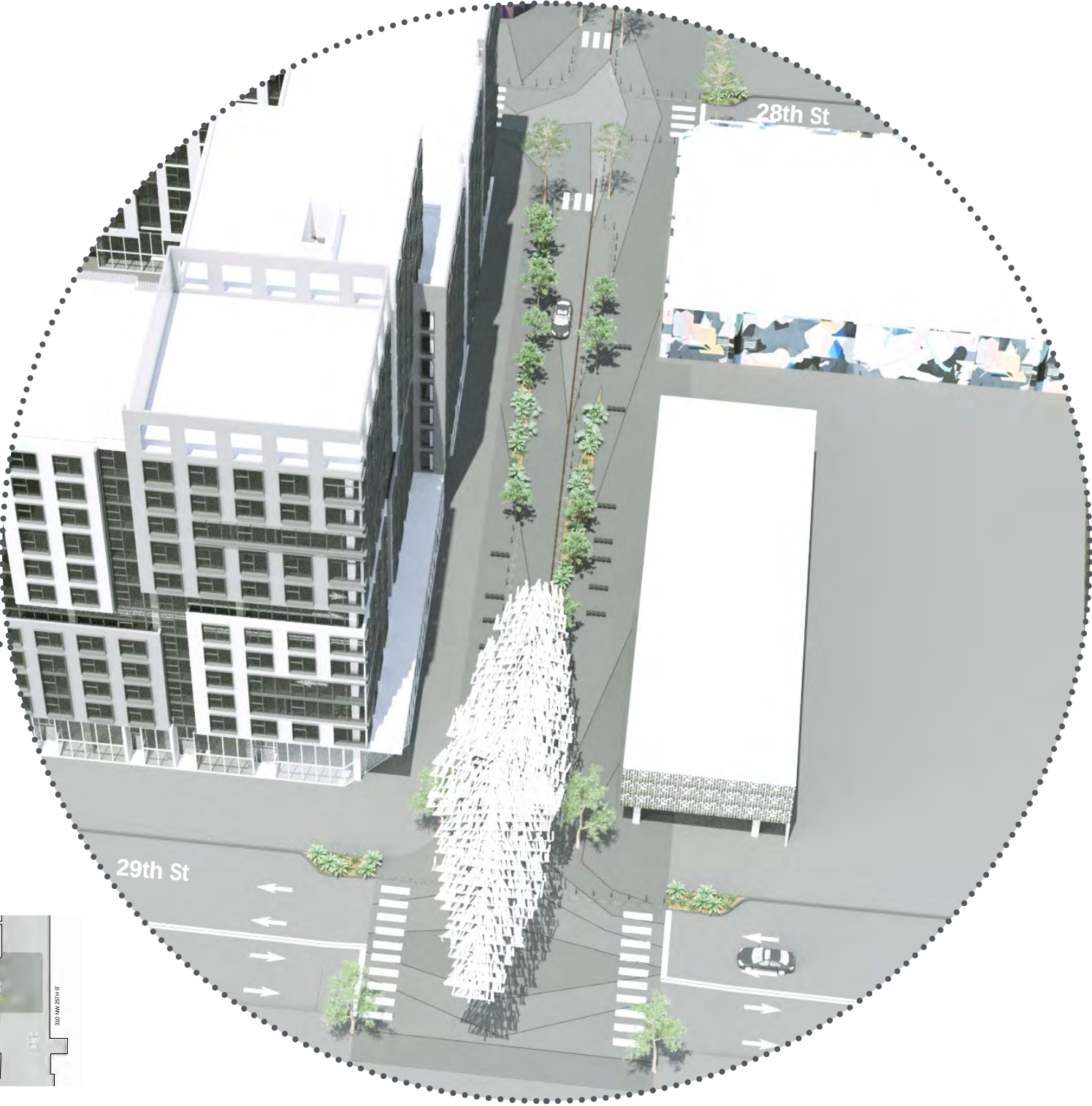
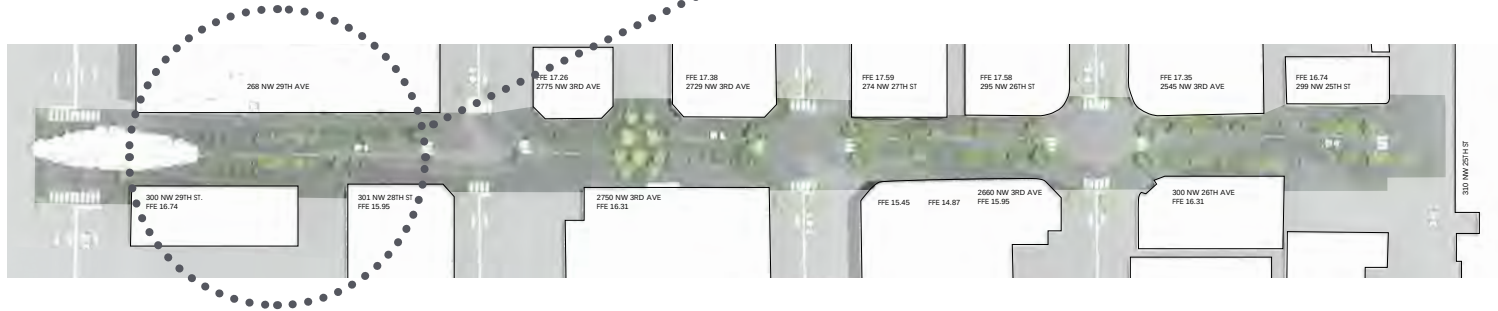


SCHEMATIC PLAN: 29th St to 28th St

Gateway

Site Elements

- Trees
- Low Planting
- Furniture

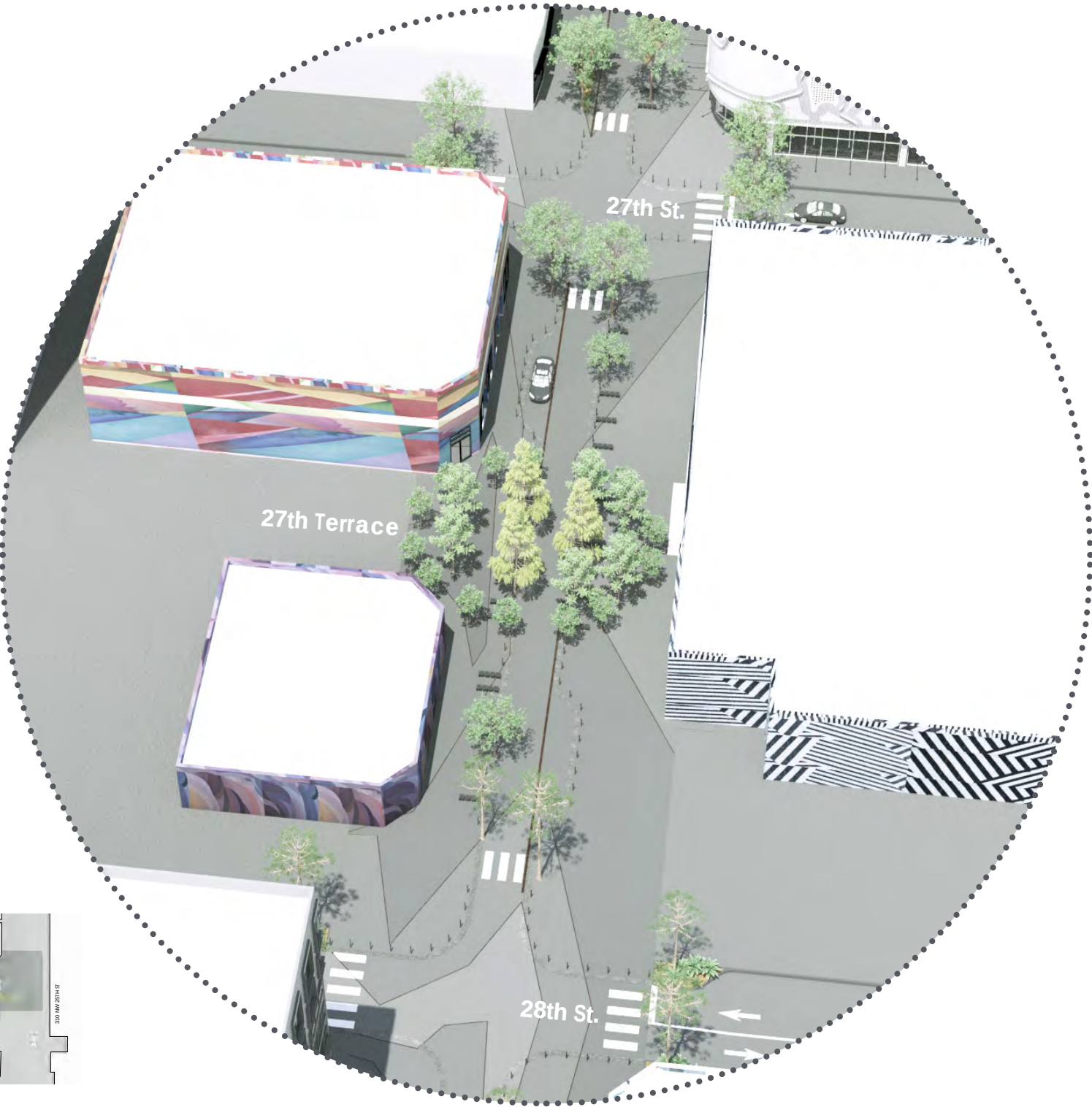
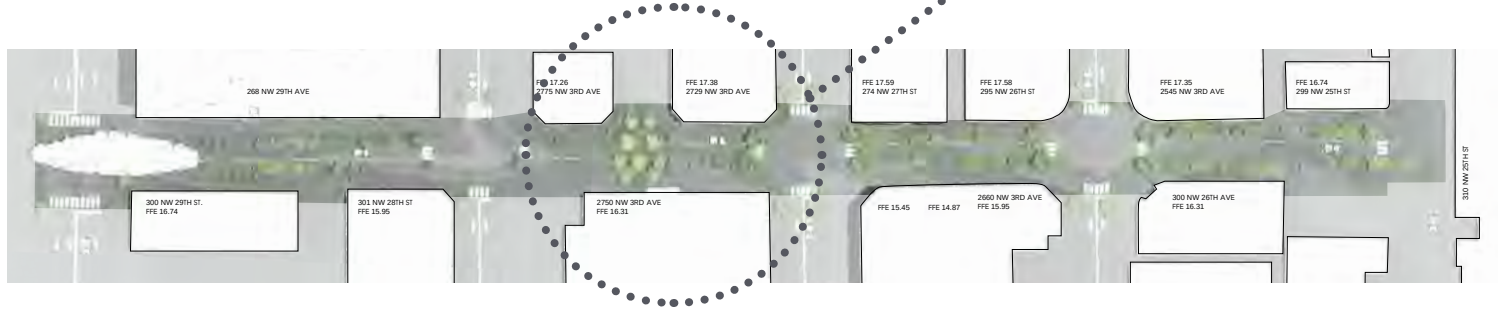


SCHEMATIC PLAN: 28th St to 27th St

Oasis

Site Elements

- Trees
- Low Planting
- Furniture

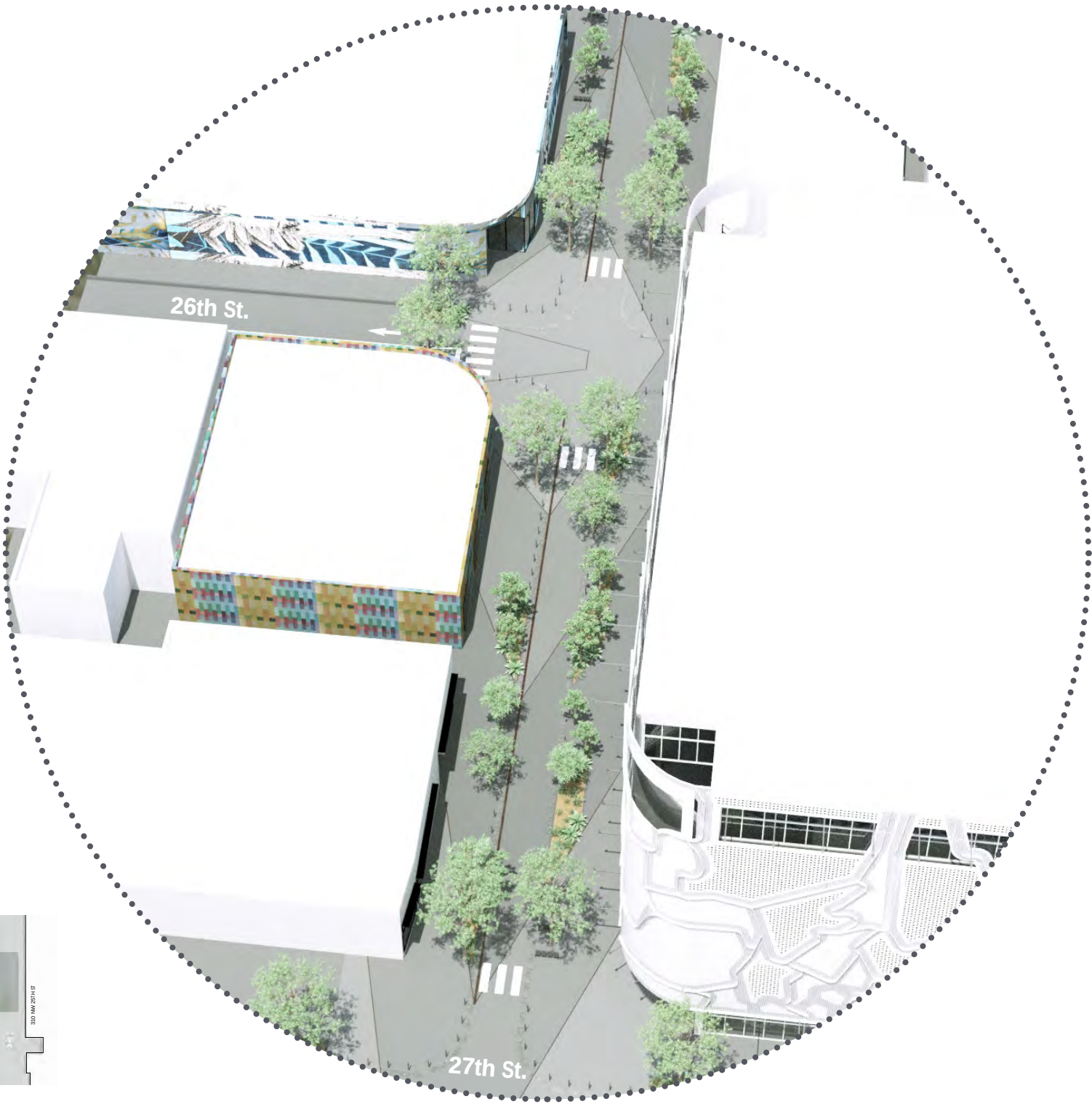


SCHEMATIC PLAN: 27th St to 26th St

Nexus

Site Elements

- Trees
- Low Planting
- Furniture



SCHEMATIC PLAN: 26th St to 25th St

Arrival

Site Elements

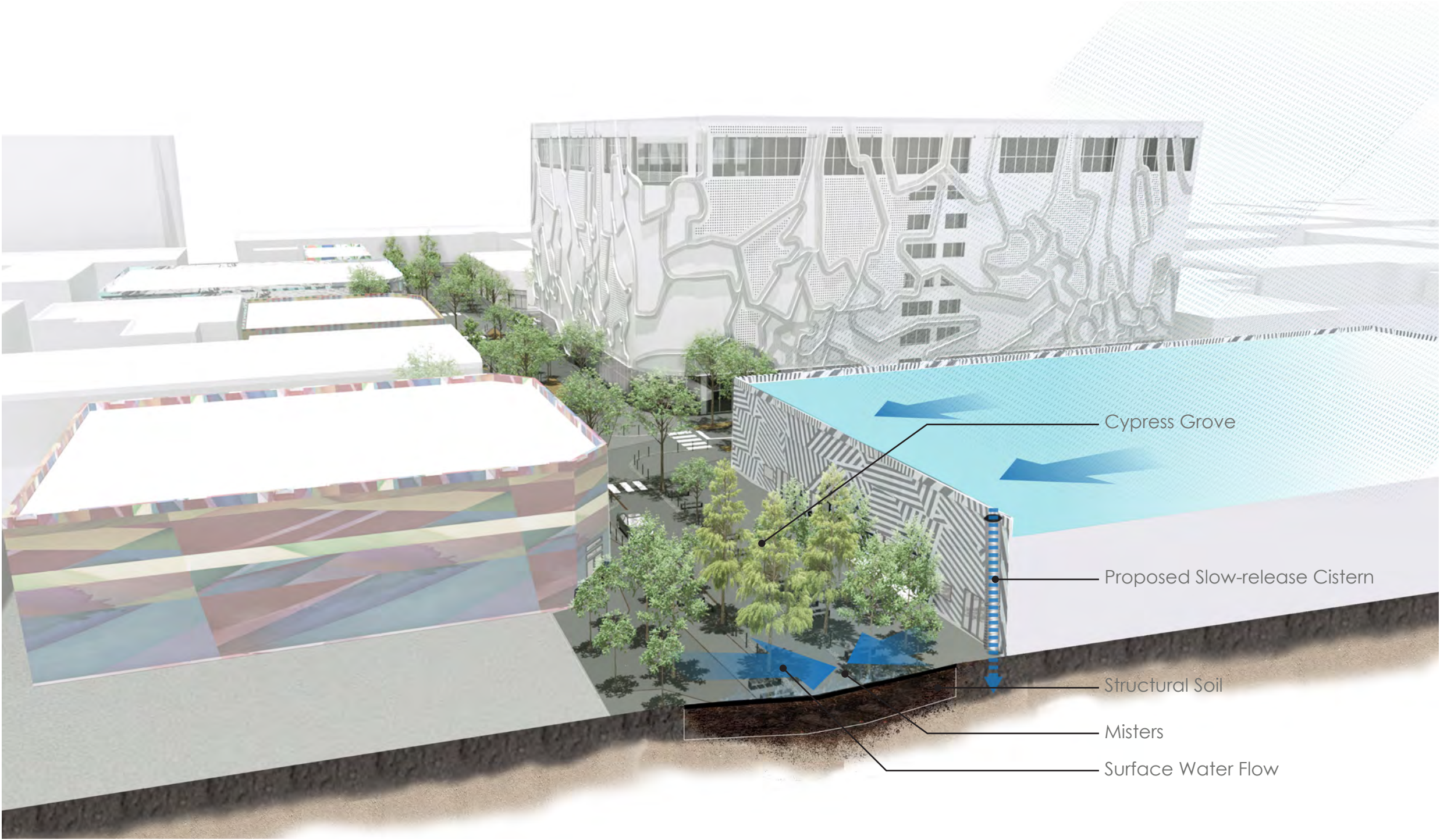
- Trees
- Low Planting
- Furniture



SECTION: Arrival



SECTION: Cypress Grove



ARRIVAL



INTERSECTION



MID-BLOCK



SCHEMATIC PLAN

Woonerf Design

