

HISTORIC PRESERVATION BOARD APPLICATION

10/09/2023

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THE CITY OF MIAMI BEACH



LINCOLN ROAD DISTRICT IMPROVEMENTS PHASE 3

HISTORIC PRESERVATION BOARD APPLICATION **SUBMITTAL -10/09/2023**

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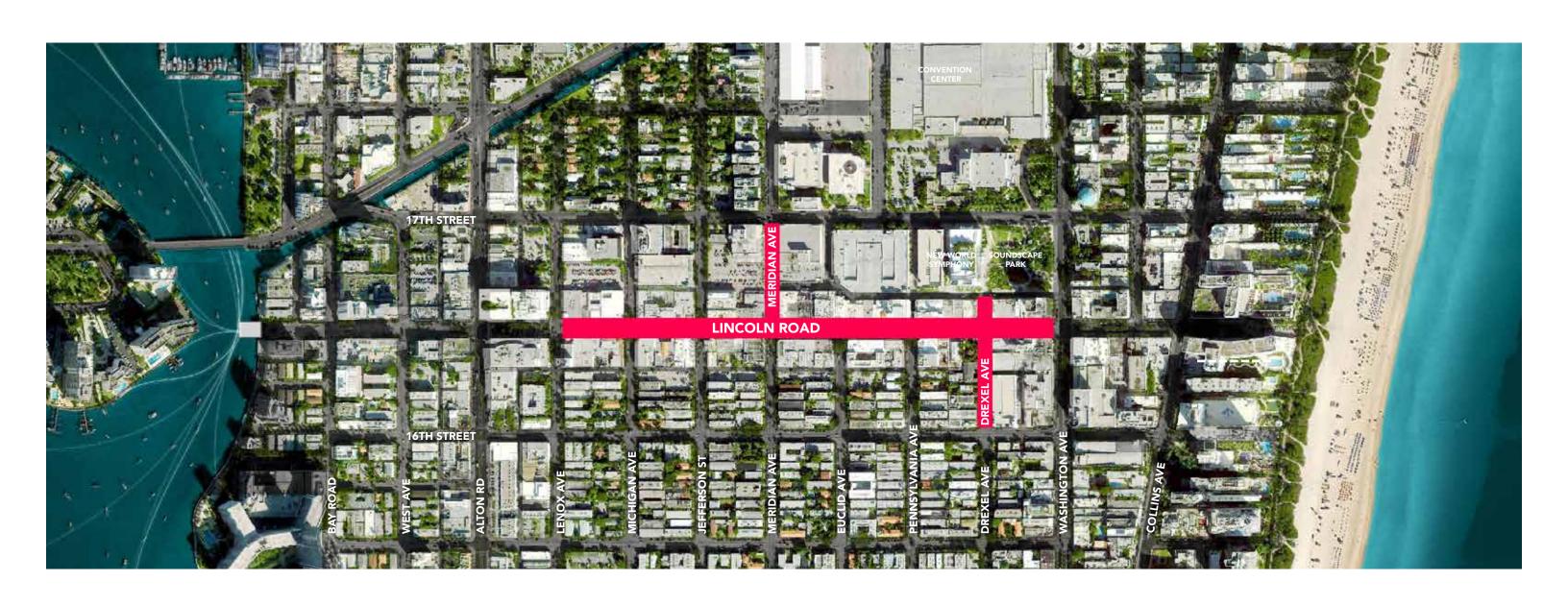
PROJECT LOCATION PLAN

LINCOLN ROAD DISTRICT OVERALL SCOPE OF WORK

ZONING DISTRICT: CD-3

HISTORIC DISTRICT: FLAMINGO PARK









GENERAL SCOPE OF WORK SUMMARY

The Lincoln Road Master Plan, approved by the City of Miami Beach Historic Preservation Board in 2015 included recommendations for renovations and upgrades to Lincoln Road, as well as the District's gateway streets including Meridian and Drexel Avenues.

Following the approval of the 2015 Master Plan, between 2016 and 2020, designs were advanced and bid documents where developed for areas of Lincoln Road, from Washington to Lenox Avenues, for Meridian Avenue from Lincoln Road to 17th Street and for Drexel Avenue from 16th Street to Lincoln Lane North. The proposed designs for these areas where fully approved by the Historic Preservation Board and Planning Departments in 2017 and by regulatory agencies including the City of Miami Beach police and fire departments, public works, traffic and parking departments and Miami-Dade County's traffic department between 2019 and 2020. Following all approvals, the project's bid set was completed and delivered to the City in February 2020.

Shortly after, in March of 2020, the City of Miami Beach declared a state of emergency response to the COVID-19 pandemic. In response to the recommendation of the CMAR contractor of uncertain market conditions with the construction industry, the City agreed to postpone the bid process, in the best interest of the project.

Since then, the renovation scope of work was revised, based on a list of improvements outlined by City staff and approved by the City of Miami Beach Commission. The revised list of improvements is intented to minimize impacts to Lincoln Road businesses.

Revised proposed improvements include the following:

- Lincoln Road block by block improvements including selective repairs, upgrades and additions to seven Lincoln Road blocks from Washington to Lenox Avenues (see following page for detailed list)
- Introduction of anti-ram bollards and a "welcoming artistic element" at the 400 Block and Washington Avenue intersection.
- Streetscape improvements to the district's "Gateway Streets" including sidewalk enlargements at Meridian Avenue and the pedestrianization of Drexel Avenue (Phase 2).
- Potential playground to be added at a later date pending confirmation of funding.

This application is limited to design revisions to Lincoln Road.

A previous application (HPB 23-0569) was submitted and approved in May, 2023 for proposed renovations to Meridian and Drexel Avenues.



LINCOLN ROAD RENOVATION LIST OF PRIORITIES

This application includes a series of selective repairs, upgrades and additions to Lincoln Road. The renovation scope is based on a list of improvements outlined by City staff and approved by the City of Miami Beach Commission.

Improvements are ranked as a list of priorities, established by City staff, with the top of the list being critical items for implementation while items at the bottom of the list are of less priority should construction costs exceed available budget.

- 1. Lincoln Road anti-ram system and gateway sign at Washington Avenue (including new gateway plaza at 400 block).
- 2. Piano Keys resurfacing with durable traffic coating
- 3. Architectural restoration of existing water features at 1000, 900, 800, 700 and 600 blocks and mechanical equipment upgrades
- 4. Restoration of the Lapidus follies including new lighting
- 5. Replacement of tree pit bonded aggregate
- 6. Implementation proposed Euclid Oval renovation
- 7. Introduction of new seating areas along the Lincoln Road corridor
- 8. Additional urban furniture (trash cans, bike racks, dog bad dispensers)
- 9. Lincoln Road directional and informational signage package
- 10. New 500 Block water feature (pending funding)

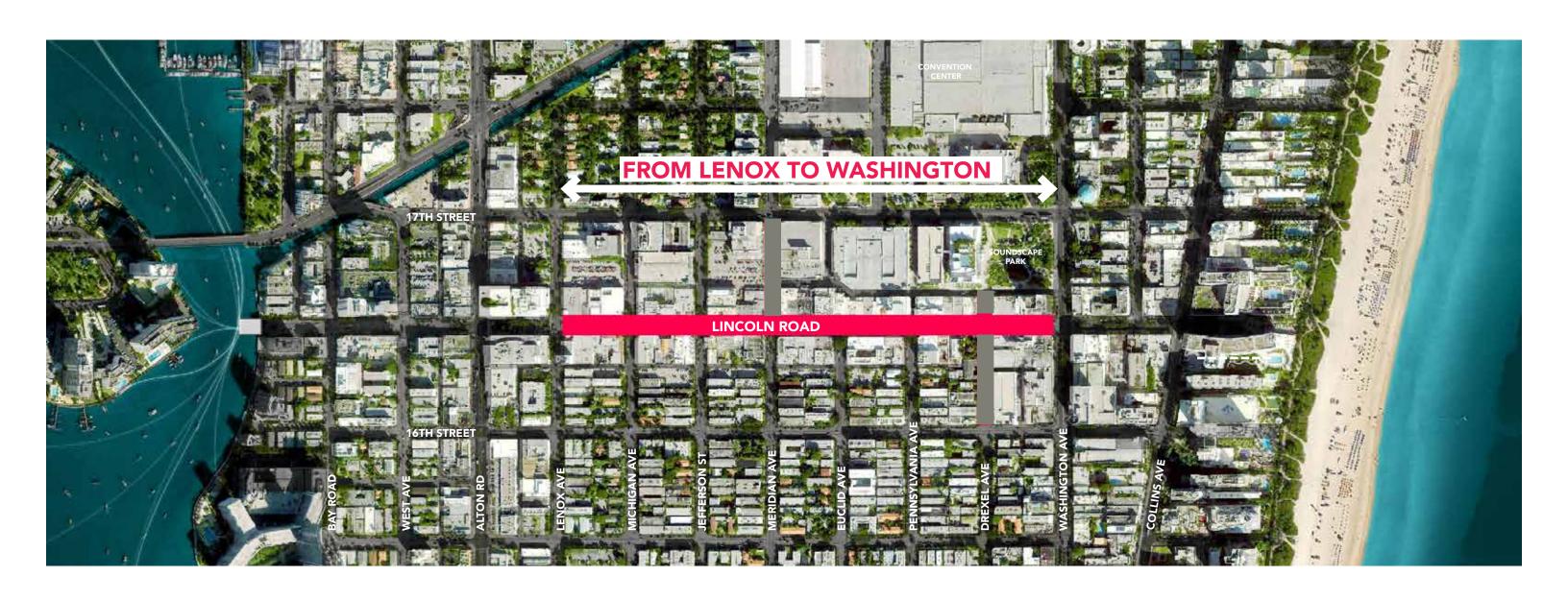
PROJECT LOCATION PLAN

APPLICATION SCOPE OF WORK

ZONING DISTRICT: CD-3

HISTORIC DISTRICT: FLAMINGO PARK

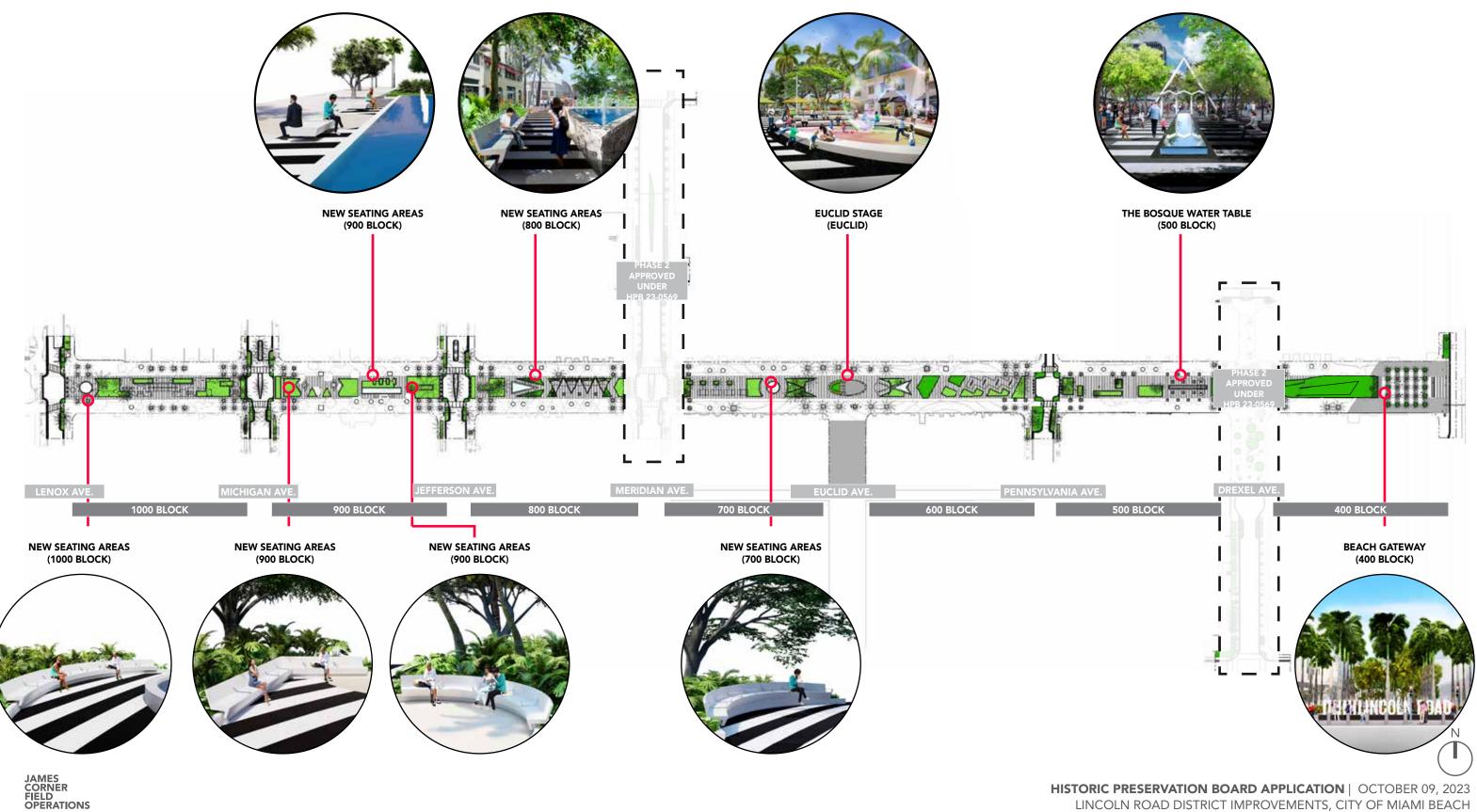






BLOCK BY BLOCK PLACES





HISTORIC CONTEXT





LINCOLN ROAD HISTORY

The famous Morris Lapidus Master Plan serves as the foundation for all of the iterations of Lincoln Road through the remainder of the 20th century.

1960s- The original Lapidus plan pedestrianized Lincoln Road and structured it around a central spine of architectural follies, planting beds and water features composed over a distinct black and white striped paving (the "piano keys"). Flanking each side of the central spine was a generously wide pedestrian walkway indented to allow visitors to walk alongside the storefronts.

1980-1990- In the decades following the installation of Lapidus' master plan, the Lincoln Road Mall was incrementally transformed through standardized public maintenance practices. This included the re-painting of follies and water features to match established Miami Beach themes (Miami Beach 'red' and cyan). Such transformations were made more drastic by the lack of durability in some of the original materials and finishes.

1990s- The material decline of Lincoln Road through the 1970s and 80s prompted renovations in the 90s. An effort led by Ben Wood was conducted in 1994, in collaboration with Landscape Architect Martha Schwartz, Hirosho Hara, Morris Lapidus, and Carlos Zapata. Renovations included the introduction of new planting, restoring follies to their original white color, introducing a geometrically shaped paving pattern, the redesign of the 400 block and a new water feature on the 500 block.

2010- The 1100 block of Lincoln Road was re-pedestrianized and it's renovation included a larger, mixed-use real estate development and an iconic open space design with unique plantings and water gardens.

ACROSS HISTORY











LINCOLN ROAD DESIGN ELEMENTS



FOLLY ARCHITECTURAL RESTORATION



Existing follies, designed by Morris Lapidus are deemed historically significant and are included in the National Register of Historic Places.

The Lincoln Road renovation scope of work includes restoration of the seven existing follies. Restoration scope is based on visual observations made by Rodriguez and Quiroga Architects Chartered and DDA Engineers in 2016.

Restoration scope includes:

- 1. Repair and restoration of chipped / damaged concrete surfaces and corners;
- 2. New paint / stucco on concrete surfaces and steel columns;
- 3. New roof slopes and drip edges to ensure positive drainage;
- 4. New flashings at all roof penetrations;
- 5. New cold fluid-applied waterproofing;

Folly restoration was approved by the Historic Preservation Board in October 2017.

Scope does not propose any changes to previously approved proposal.















EXISTING FOLLIES TODAY



NEW FOLLY LIGHTING



All follies will receive new lighting based on the following considerations:

- 1. To create a soft wash lighting effect similar to original Lapidus lighting scheme;
- 2. To minimize the appearance of new light fixtures;
- 3. To conceal driver boxes;

To that end, folly lighting scope includes:

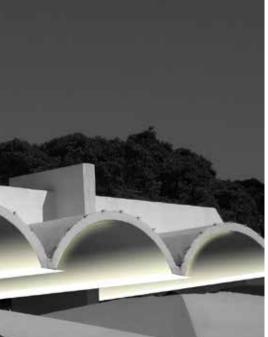
- 1. The removal of all existing lighting, conduits, junction and driver boxes as well as concrete repair and patching as needed.
- 2. New light fixtures and conduits with integral or concealed driver boxes,. Some conduits will require trenching along existing folly concrete surfaces;

All new lamps will be LED at 3000 K.

Folly lighting design was approved by the Historic Preservation Board in October 2017.

Scope does not propose any changes to previously approved proposal.















PROPOSED FOLLY LIGHTING



WATER FEATURE ARCHITECTURAL RESTORATION



Existing water features, designed by Morris Lapidus are deemed historically significant and are included in the National Register of Historic Places.

The Lincoln Road renovation scope of work includes the restoration of five existing water features. Architectural restoration scope is based on visual observations made by Rodriguez and Quiroga Architects Chartered and DDA Engineers in 2016.

Restoration scope includes:

- 1. Removal of non-original or historically accurate paint, stucco, tile and /or stone;
- 2. New basin epoxy coating;
- 3. Restoration to original materials: stucco, tile or stone;

The 1000 block water feature includes an existing Art in Public Places installation (Mosaic Title Artwork) to remain.

Water Feature restoration was approved by the Historic Preservation Board in October 2017.

Scope does not propose any changes to previously approved proposal.

Additional improvements include new lighting, jets, nozzles and mechanical upgrades.











EXISTING WATERFEATURES TODAY



PAVING RESURFACING- PIANO KEYS



Existing "Piano Key" cast-in-place concrete paving is currently painted frequently. Paint type is not long lasting and can often be slippery. Many areas exhibit cracking and uneven surfaces, often caused by tree uprooting.

Renovation scope will include the removal of existing paint, repairs to cracked / uneven concrete and re-coating with a new durable, high-traffic resistant Polyaspartic coating system, with friction-increasing grit.

The new coating system, will revitalize the signature black and white colors while reducing ongoing maintenance.

A mock-up of the proposed system was installed in August of 2023, at two discrete areas of Lincoln Road on the 600 and 800 blocks, to test it's performance against Lincoln Road's heavy use.





HISTORIC LINCOLN ROAD PHOTOS



PIANO KEY PAVING AT 700 BLOCK - TODAY



PAVING RESURFACING - POLYASPARTIC SYSTEMS



Summary

Proposed polyaspartic coating system is a fast-drying, stain-resistant, surfacing system that is both easy to install and boasts a long lifespan.

Proposed system is manufacturer by Westcoat Specialty Coating Systems, composed of a Polyaspartic Topcoat and Epoxy Prime Coat.

- Long lifespan 10/15 years
- Manufacturer warranty, 1 year can extend
- Salt tolerant
- UV stable
- High-coheficient of friction

Precendents

The Westcoat system has been installed at Disney's Small World (2007-2013) and Space Mountain (2007-Present, resealed 3 times during span) where it continues to stand up to vigorous foot traffic and maintenance vehicles.

Surface Prep

Westcoat requires both existing and new concrete support a CSP level of 3-5. The CSP level is a level of roughness, which can be achieved via grinding or shot-blasting. The concrete can be patched below without any limitations for the surface finishing above.









MOCK-UP AT 600 BLOCK



INSTALLATION AT DISNEY, FL



PROMENADE TREES

RESIN BOND SURFACING REPLACEMENT

Situated in the tropics, Lincoln Road benefits from consistent shade provided by large scale trees. Tree pits along the pedestrian promenade are surfaced by a permeable, resin bond material. For the most part, this surface is currently cracked, broken and dirty. Renovation scope will include the replacement of this material, utilizing a different, stronger system.



EXISTING PROMENADE TREES AT 1000 BLOCK

PROMENADE TREE ADDITIONS

Several portions of the Lincoln Road promenade lack street trees. Renovation scope will include the addition of more at-grade street trees in order to increase shade and minimize surface heat gain while still permitting the efficient flow of pedestrian traffic and emergency vehicle access. Some of the new tree pits include resin bond surfacing while others will include an 8-foot diameter, at grade planter with robust understory planting. Details of these two approaches are included in the following pages.



EXISTING PROMENADE LACKING TREES AT 800 BLOCK



PROMENADE TREES



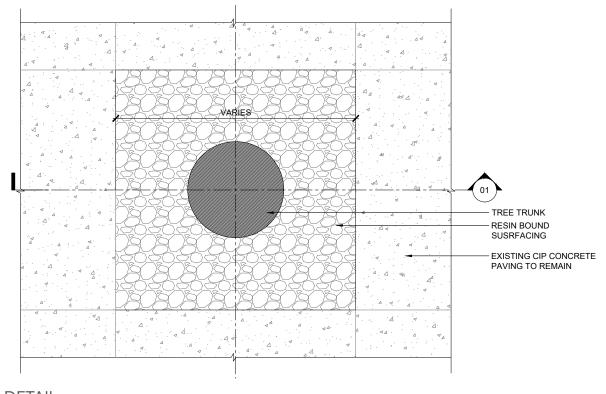




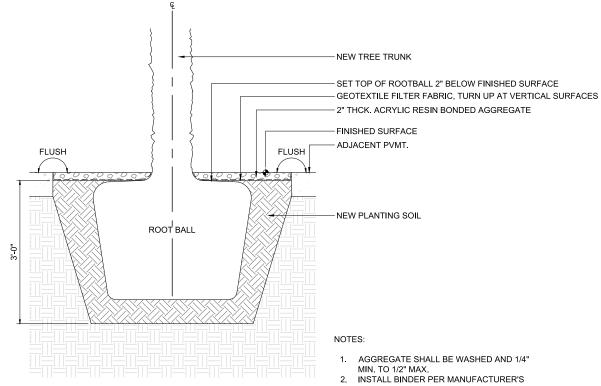
HISTORIC LINCOLN ROAD PHOTOS



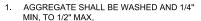
PROMENADE TREES - RESIN BOUND RESURFACING AT INTERSECTIONS







SECTION DETAIL



3. HAND TAMP AROUND ROOT BALL.



APPROACH A- RESIN BOND SURFACING **DESIGN DISTRICT PRECEDENT**

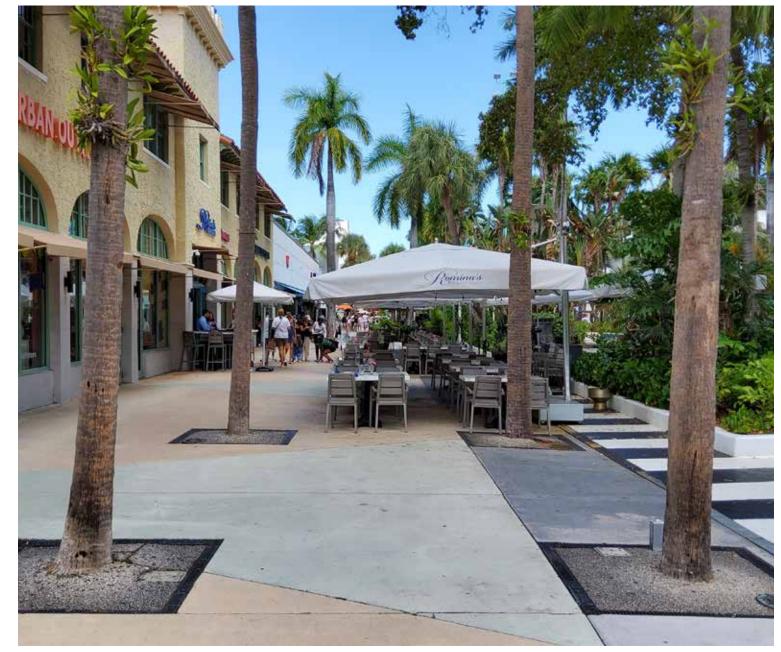


MATERIAL SONORA PEBBLE SIZE 1/4"

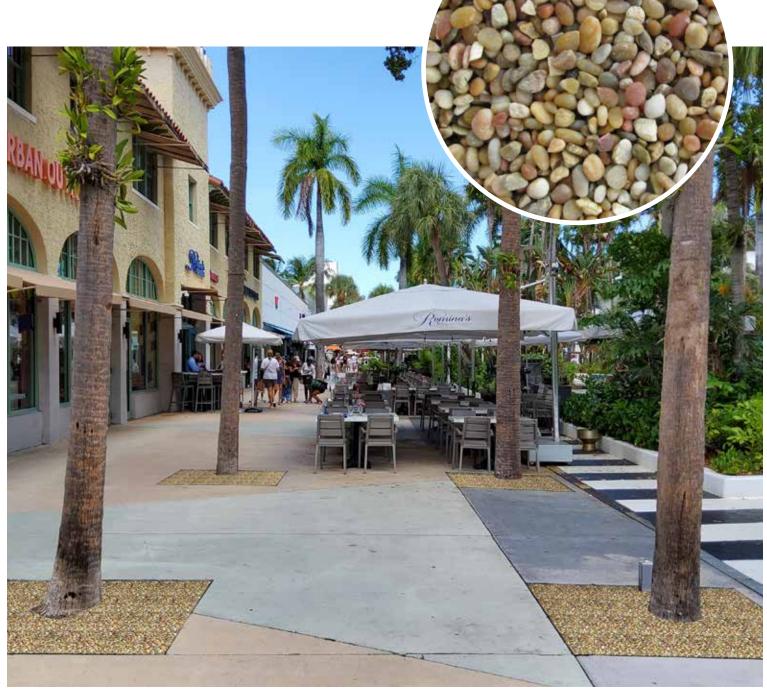


PROMENADE TREES

PROMENADE TREES - RESIN BOUND RESURFACING AT INTERSECTIONS



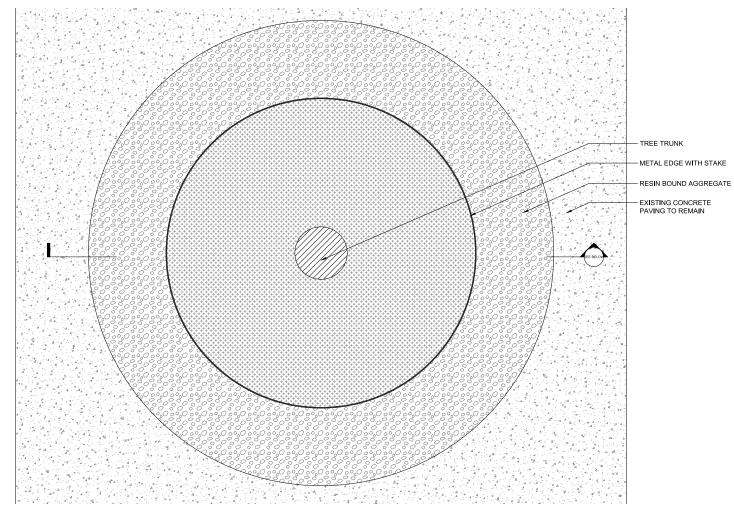
EXISTING TREE PITS WITH WORN RESIN BOND SURFACING AT JEFFERSON AVE. INTERSECTION



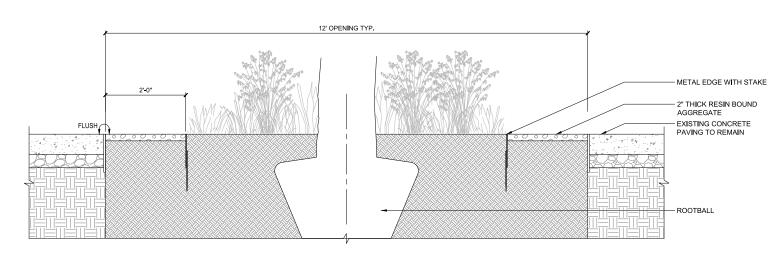
PROPOSED RESIN BOND RE-SURFACING AT JEFFERSON AVE. INTERSECTION



PROMENADE TREES -PLANTED TREE PIT PRECEDENT



PLAN DETAIL



SECTION DETAIL



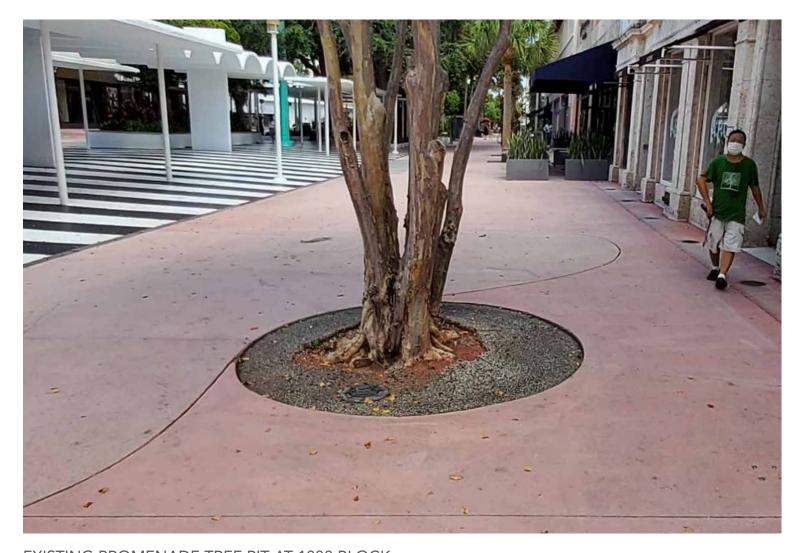


APPROACH B- PLANTED PIT DESIGN DISTRICT PRECEDENT



PLANTED TREE PITS - BOUNDED AGGREGATE STRIP W/ PLANTING SET BACK







EXISTING PROMENADE TREE PIT AT 1000 BLOCK

PROPOSED PLANTED TREE PIT AT 1000 BLOCK

PLANTING AT PLANTERS

RETAIN PLANTING IN GOOD CONDITION

Based on visual observations performed in August 2022, several planters have full and varied vegetation in good condition. Field Operations recommends existing vegetation in good condition remain and be protected during renovation.



EXISTING PLANTING CONDITIONS AT 900 BLOCK

REPLACE / ADD NEW PLANTING AT KEY LOCATIONS

Other planters however have sparse and / or unhealthy vegetation. Field Operations recommends full understory replacement in such occasions.

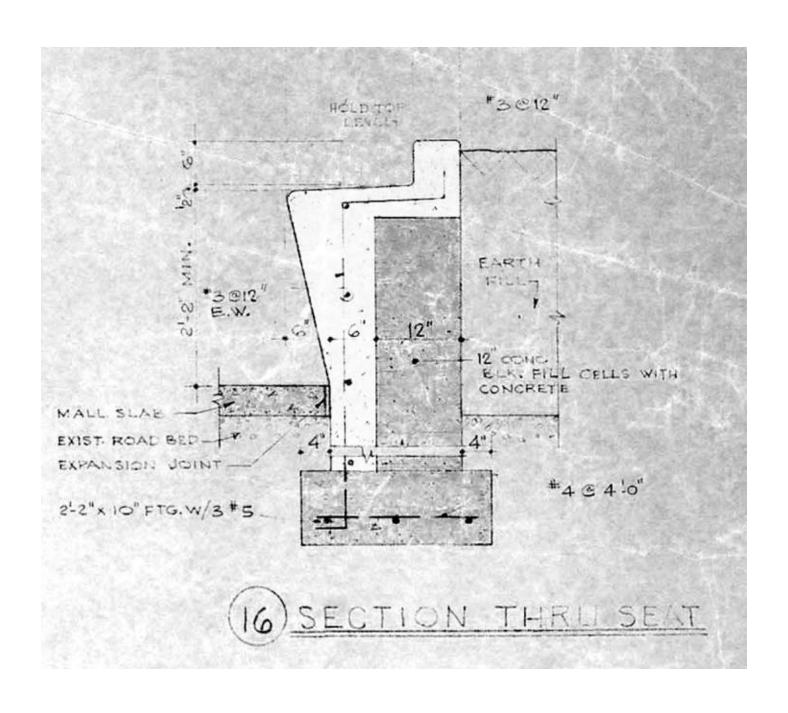


EXISTING PLANTING CONDITIONS AT 1000 BLOCK



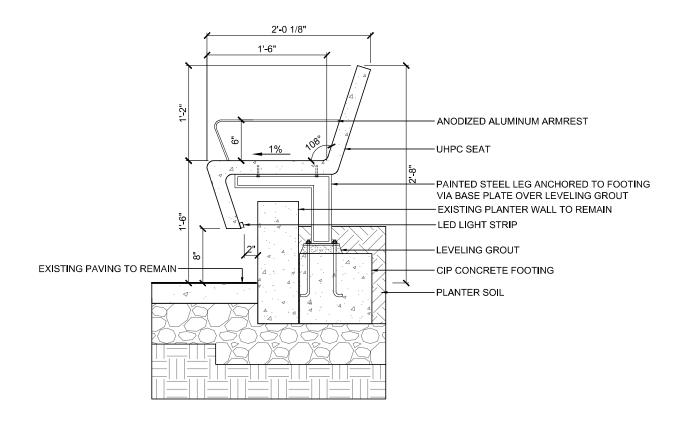
ORIGINAL LAPIDUS PUBLIC SEATING DESIGN

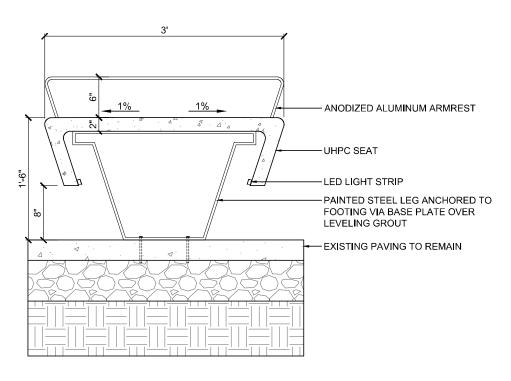




























TOP: EXISTING LOW PLANTER AT 1000 BLOCK BOTTOM: EXISTING LOW PLANTER AT 900 BLOCK





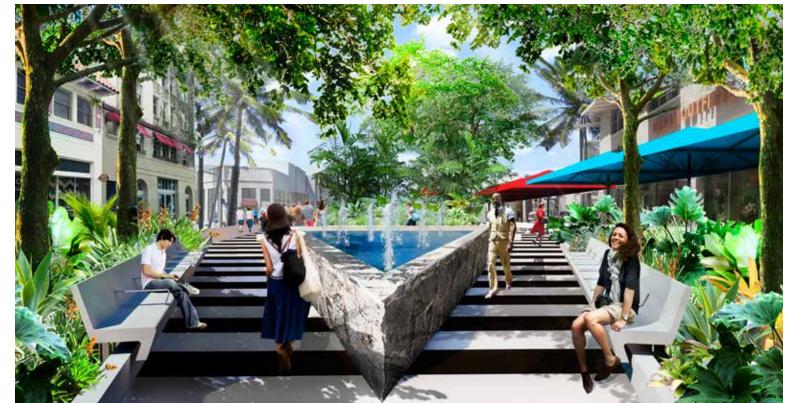






TOP: PROPOSED DOUBLE SIDED FREE-STANDING BENCH AT 900 BLOCK BOTTOM: PROPOSED BENCH WITH BACK AT 900 BLOCK

TOP: EXISTING WATER FEATURE AT 900 BLOCK BOTTOM: EXISTING LOW PLANTER AT 900 BLOCK









TOP: PROPOSED BENCHES AT 800 BLOCK BOTTOM: PROPOSED BENCH AT 700 BLOCK

TOP: EXISTING 800 BLOCK WATER FEATURE BOTTOM: PLANTER SURROUNDING WATER FEATURE AT 700 BLOCK

ADDITIONAL URBAN FURNITURE













POWDER COATED STEEL BLACK AND WHITE WITH CUSTOM DECALS FREE STANDING

DOG BAG DISPENSER POWDER COATED STEEL **POST MOUNTED**





SURFACE MOUNTED

WAYFINDING SIGNAGE

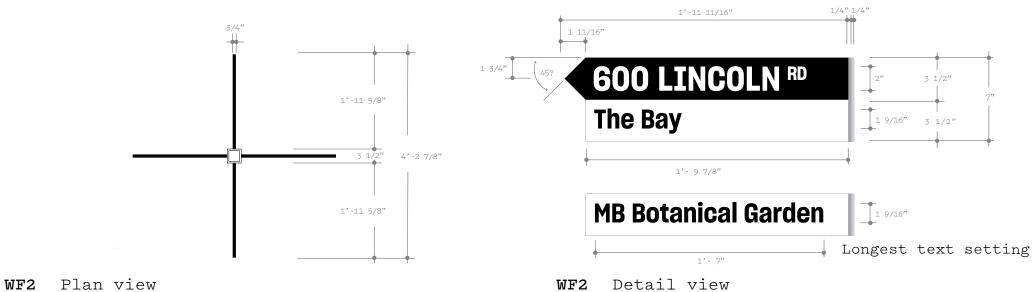


^{*} PREVIOUSLY APPROVED BY CITY OF MIAMI BEACH PLANNING DEPT. IN 2017



WAYFINDING SIGNAGE

Scale: 1" = 1'- 0"

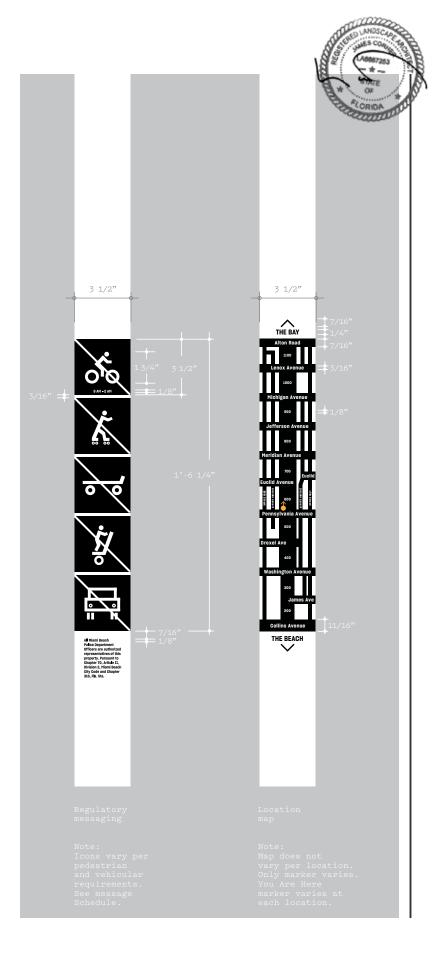


Scale: 1/4 Full Size

500 LINCOLN ® ******





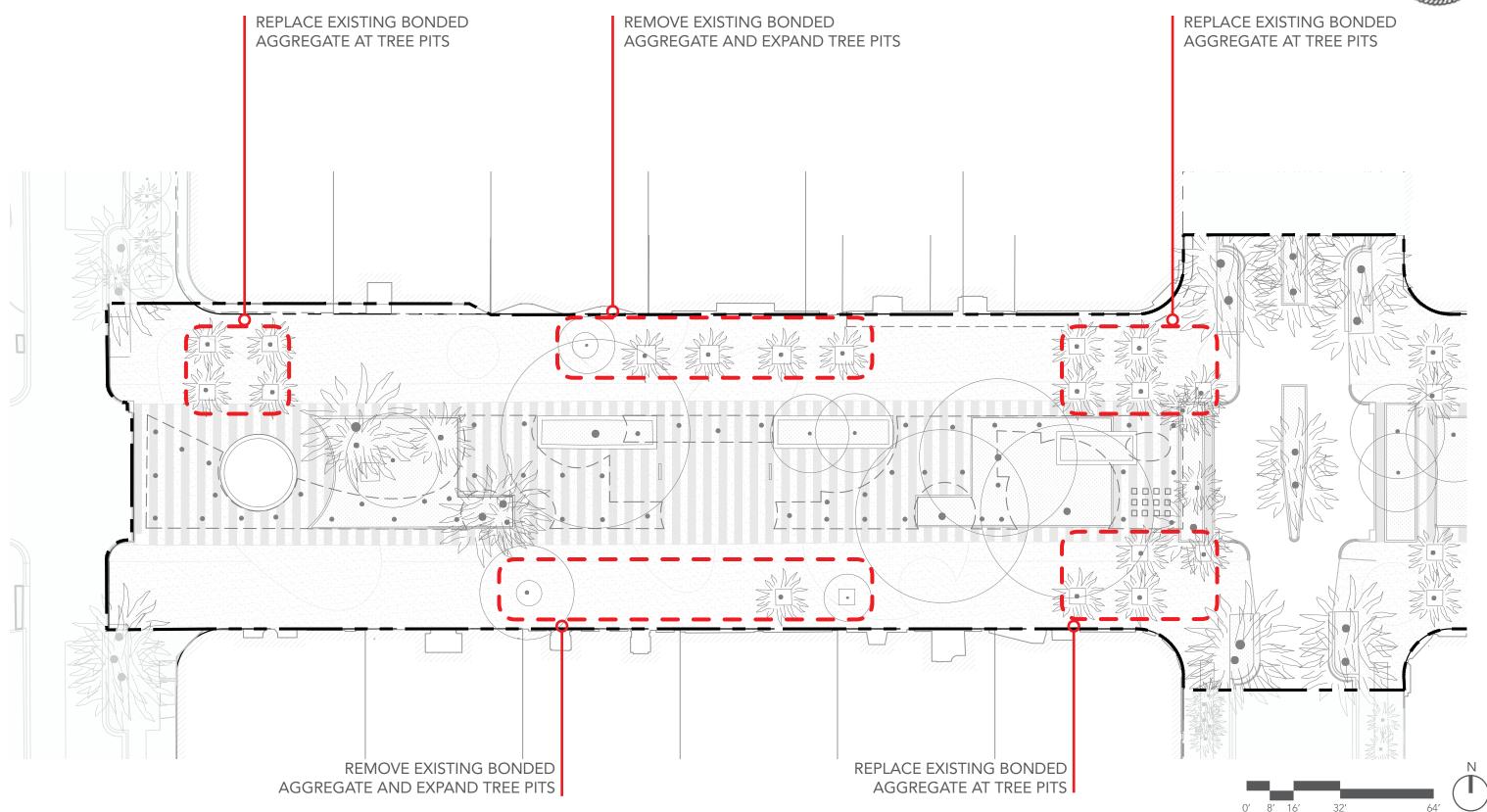




BLOCK BY BLOCK RECOMMENDATIONS

1000 BLOCK EXISTING







1000 BLOCK PROPOSED

NEW PROPOSED UPGRADES

- 1 NEW SEATING AREA / 1 NEW BENCH
- PIANO KEY RESURFACING
- TREE PIT RESURFACING W. BONDED AGGR.
- NEW/EXPANDED TREE PITS W. PLANTING
- 5 NEW PROMENADE PALMS

PREVIOUSLY APPROVED UPGRADES TO REMAIN

- FOLLY RESTORATION + NEW LIGHTING
- WATER FEATURE RESTORATION + NEW MECHANICAL
- IRRIGATION AND PLANTING UPGRADES
- NEW SIGNAGE, TRASH CANS, DOG BAG DISPENSERS, **BIKE RACKS**

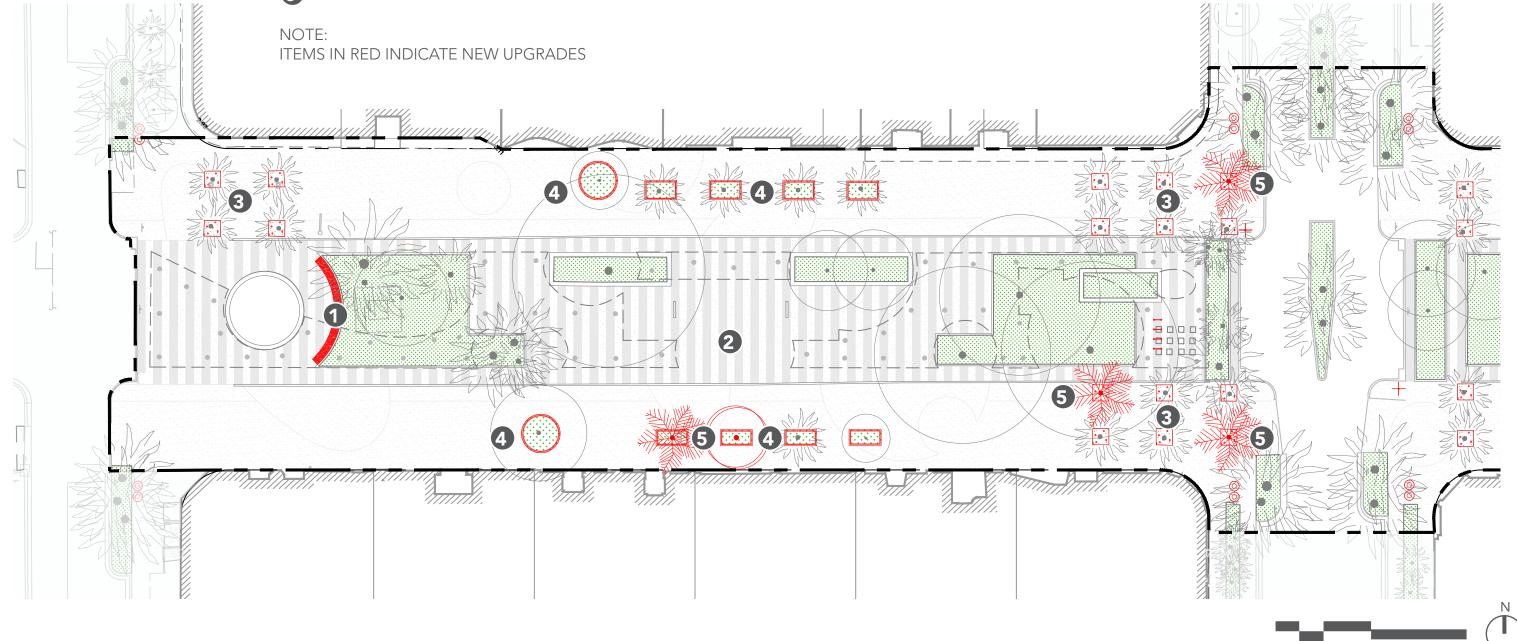
LEGEND

LIMIT OF WORK

BIKE RACKS

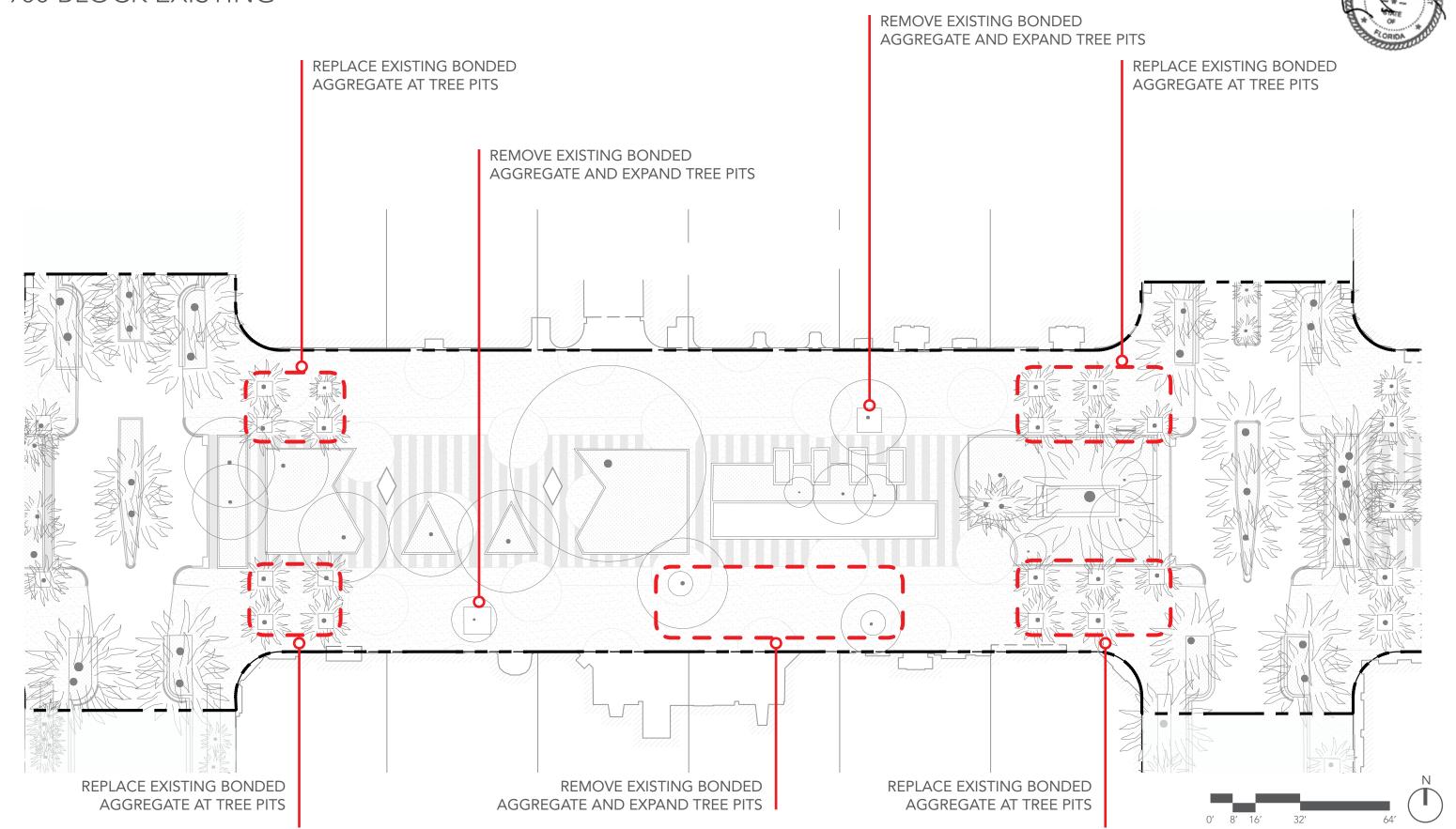
SIGNAGE

TRASH CANS





900 BLOCK EXISTING



900 BLOCK PROPOSED

NEW PROPOSED UPGRADES

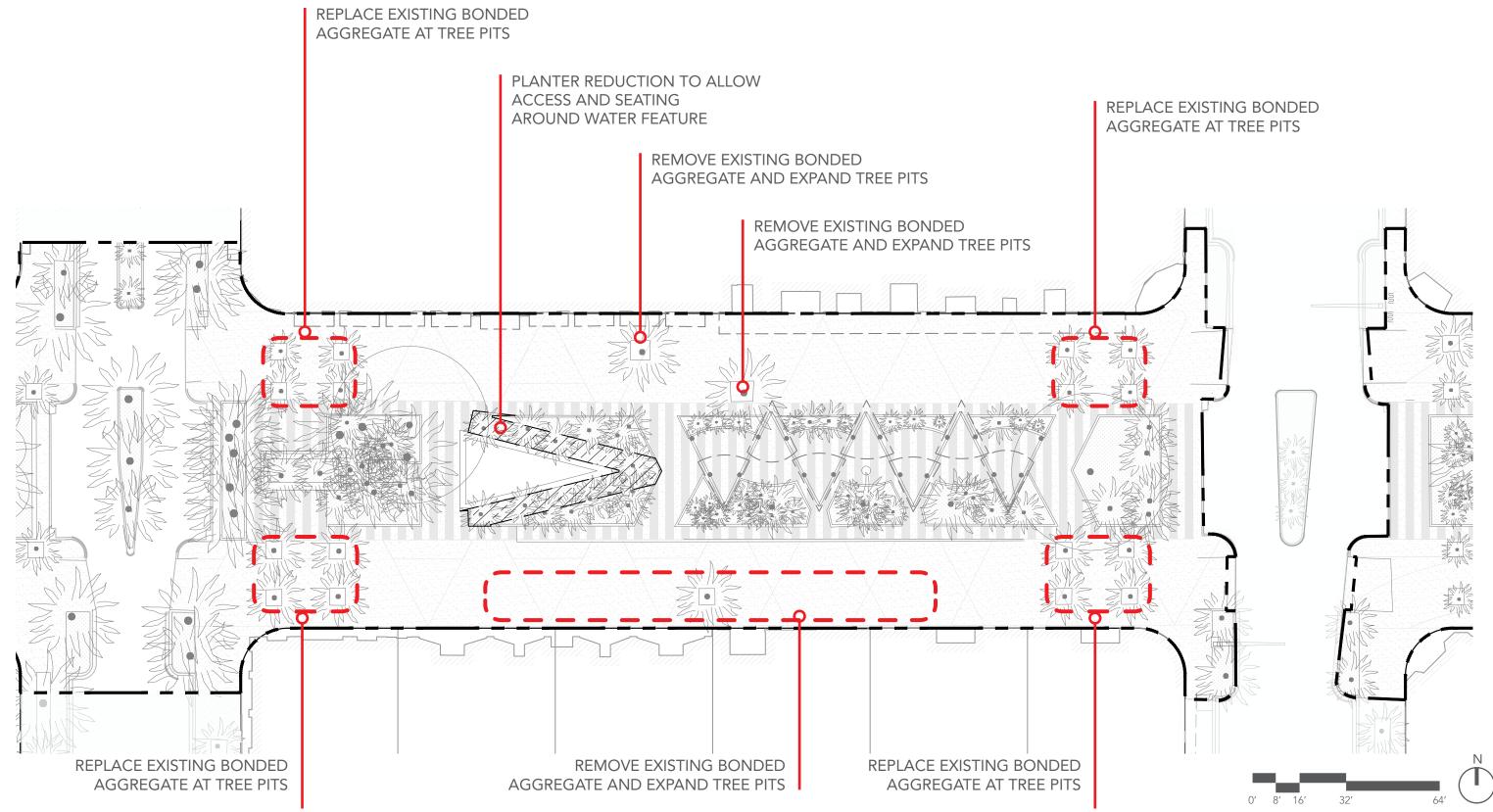
- 3 NEW SEATING AREAS / 5 NEW BENCHES - FOLLY RESTORATION + NEW LIGHTING LIMIT OF WORK - PIANO KEY RESURFACING - WATER FEATURE RESTORATION + NEW MECHANICAL **BIKE RACKS** - TREE PIT RESURFACING W. BONDED AGGR. - IRRIGATION AND PLANTING UPGRADES SIGNAGE - NEW SIGNAGE, TRASH CANS, DOG BAG DISPENSERS, TRASH CANS - NEW/EXPANDED TREE PITS W. PLANTING **BIKE RACKS** - 5 NEW PROMENADE PALMS, 7 NEW TREES NOTE: ITEMS IN RED INDICATE NEW UPGRADES 2 • •

PREVIOUSLY APPROVED UPGRADES TO REMAIN

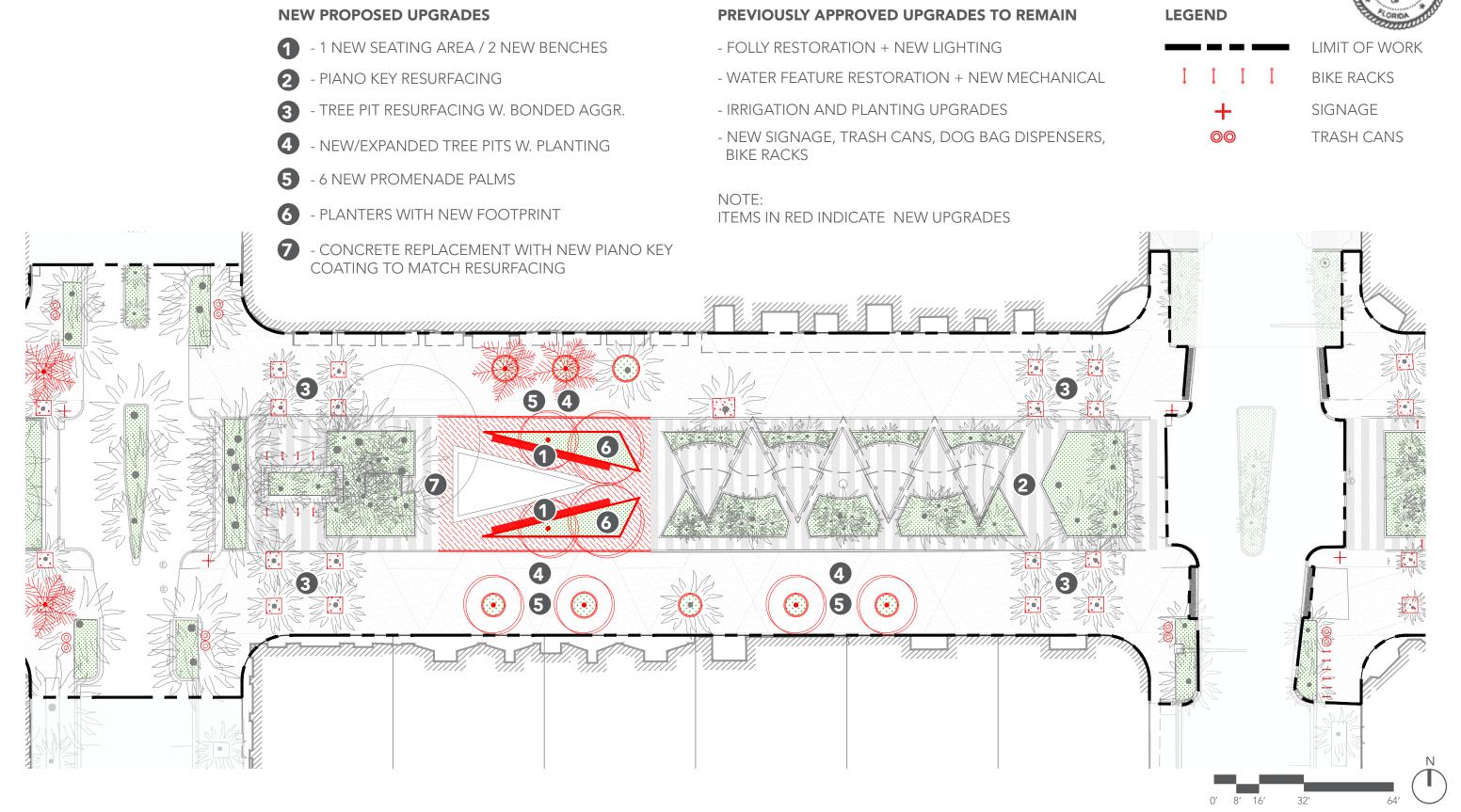
LEGEND

800 BLOCK EXISTING



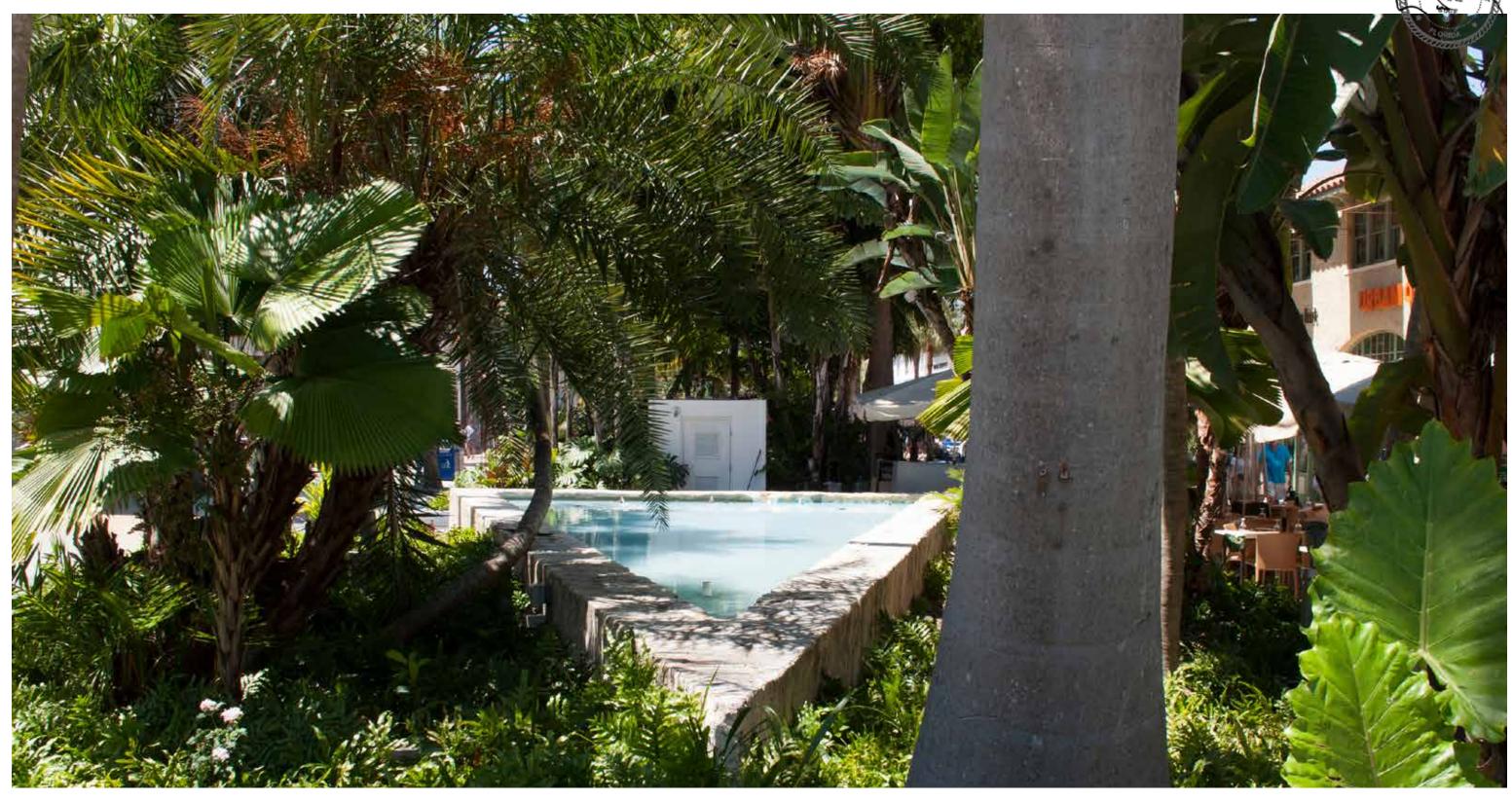


800 BLOCK PROPOSED





800 BLOCK EXISTING



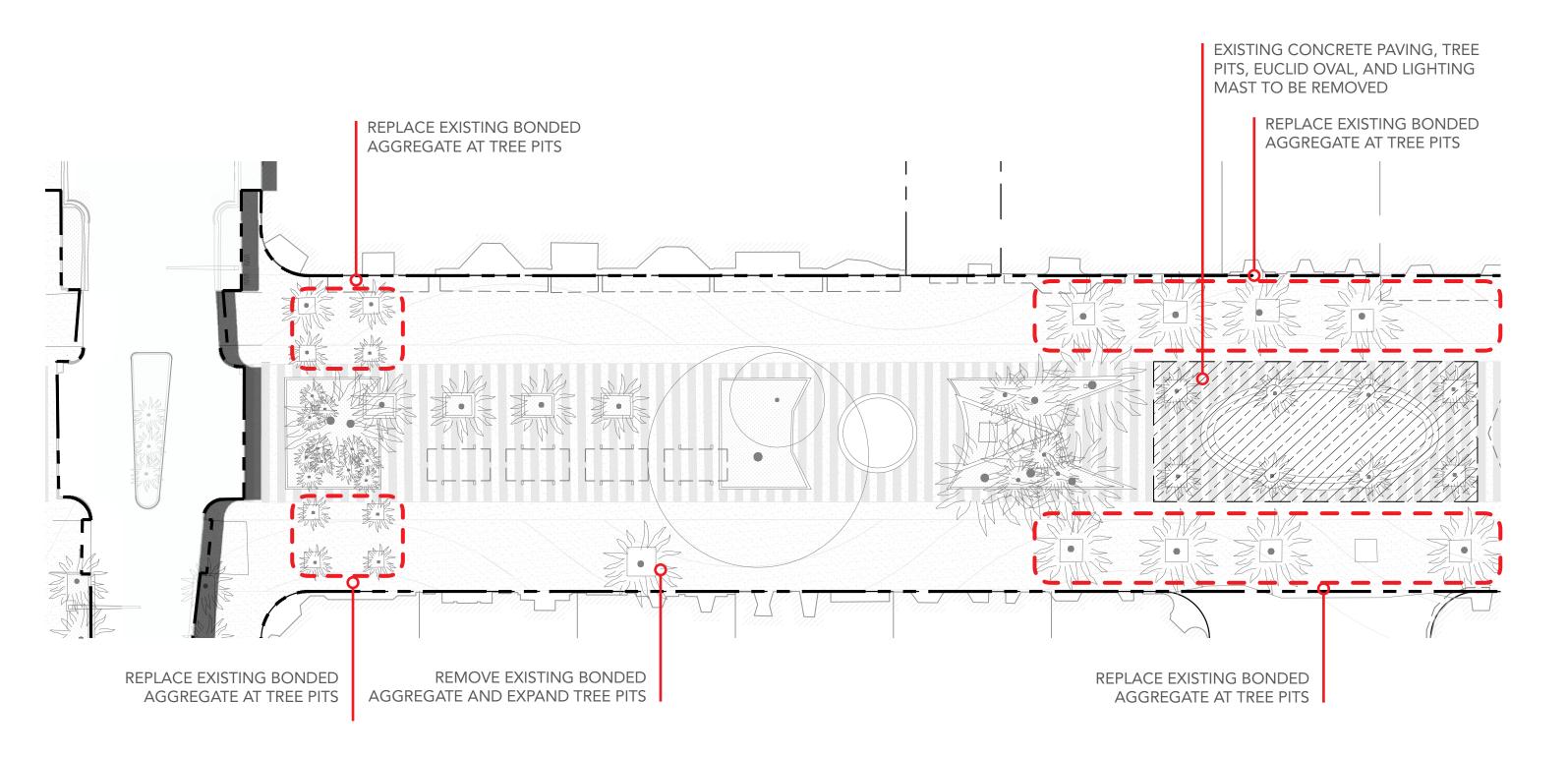


800 BLOCK PROPOSED



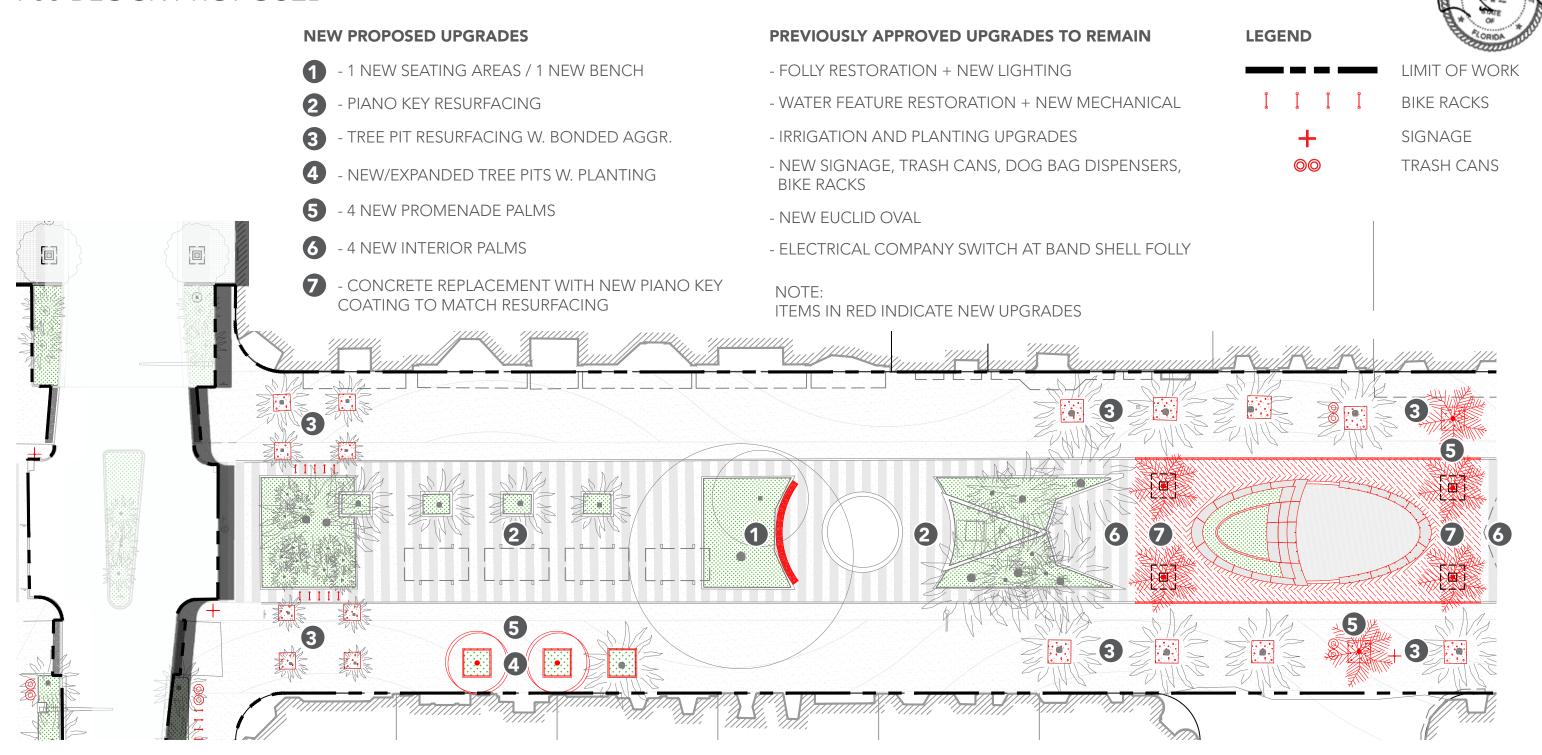
700 BLOCK EXISTING







700 BLOCK PROPOSED



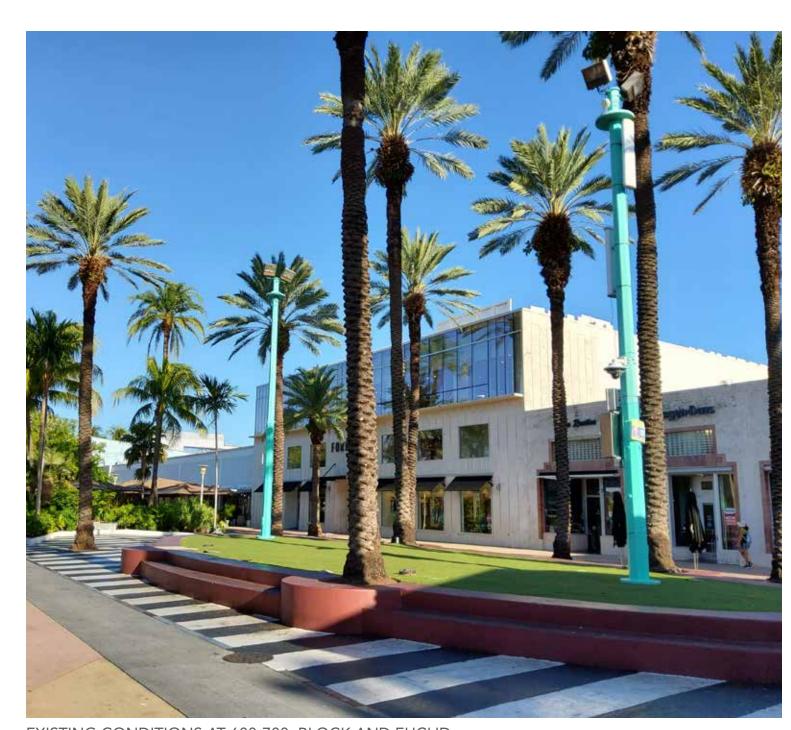




600-700 BLOCK

EXISTING CONDITIONS AT EUCLID OVAL









EXISTING CONDITIONS AT 600-700 BLOCK AND EUCLID



600-700 BLOCK

EUCLID OVAL HISTORIC PHOTOS







SOURCE: MIAMI HERALD

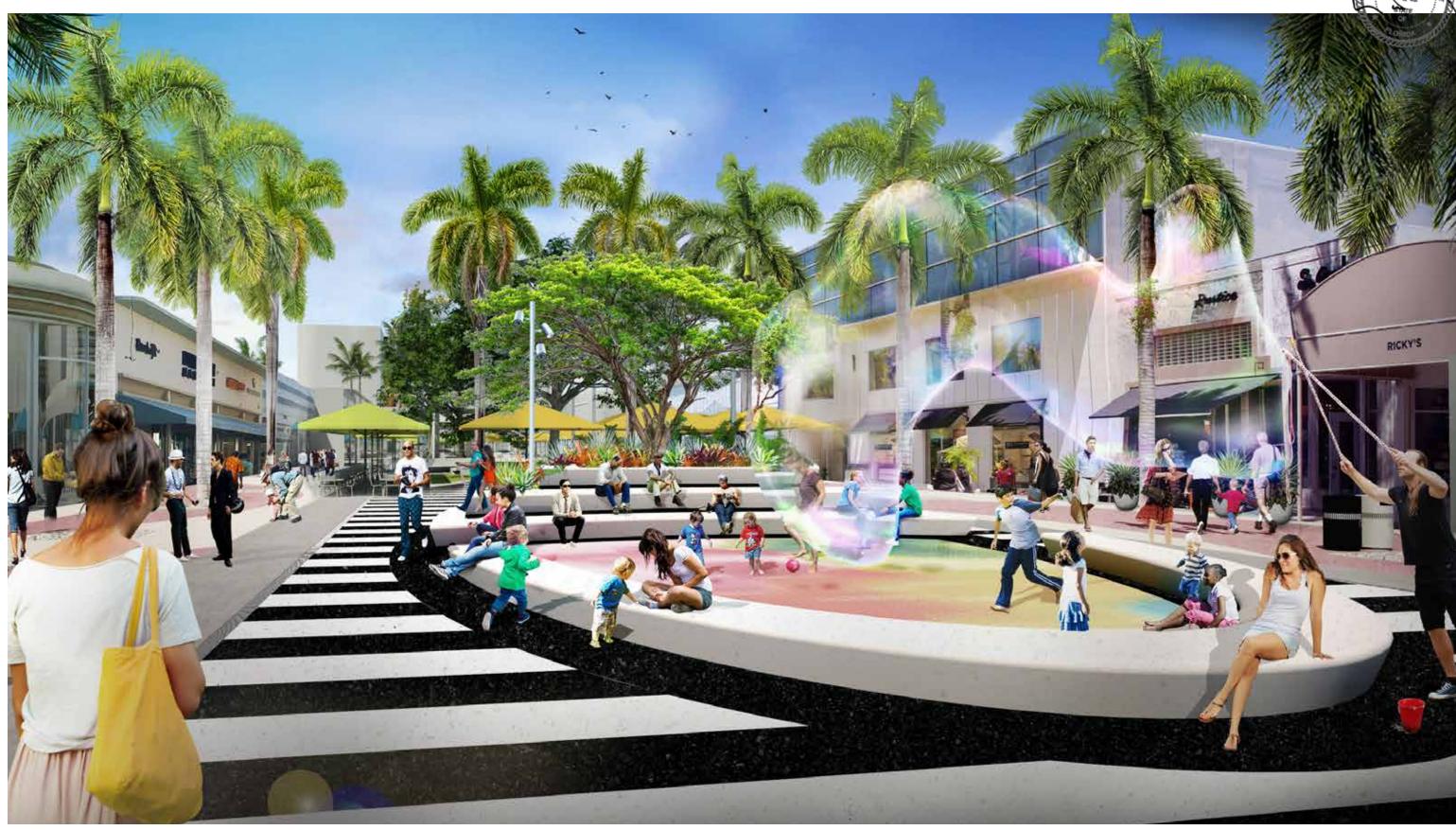
SOURCE: MIAMI HERALD



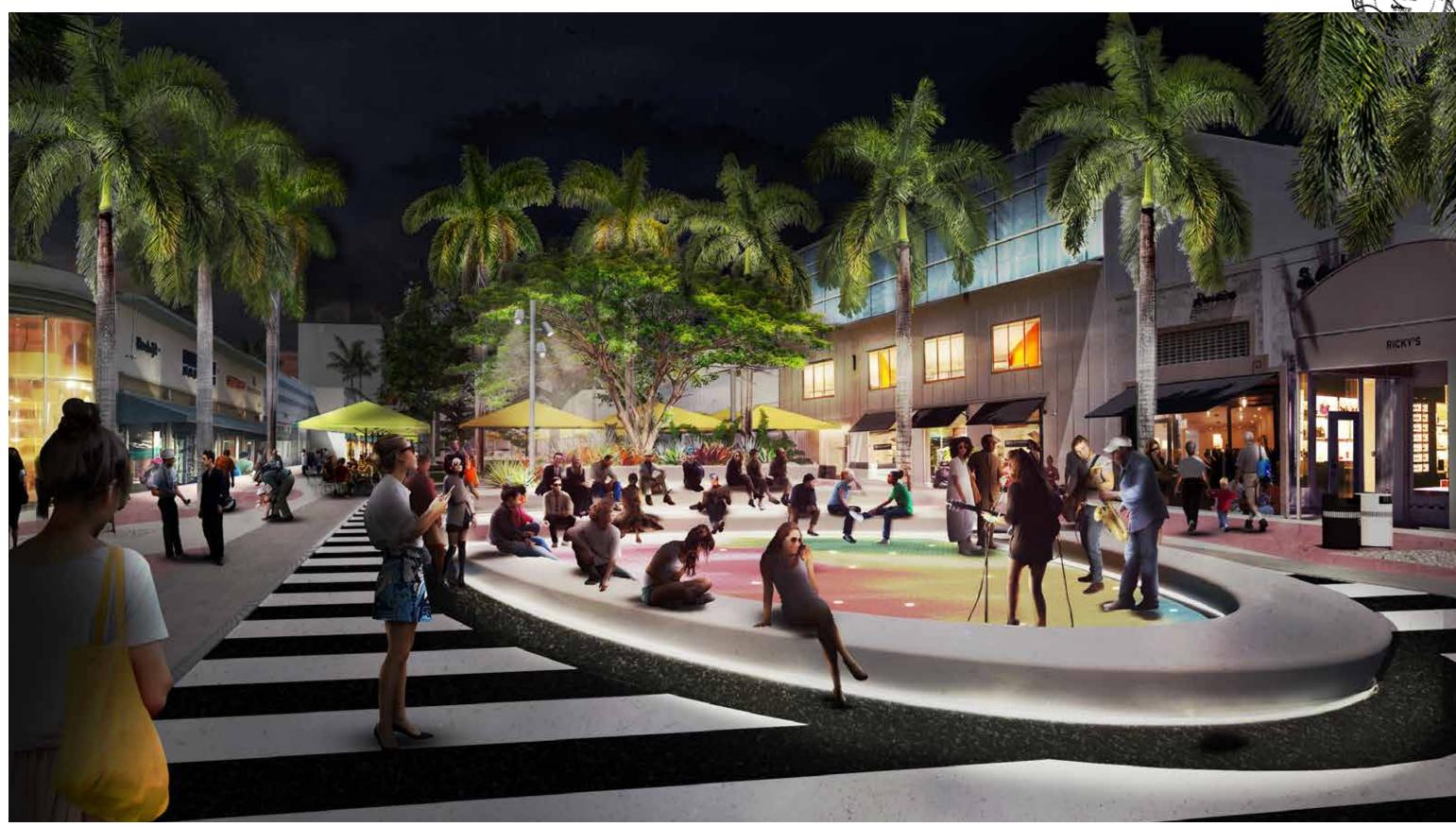
EUCLID OVAL EXISTING



EUCLID OVAL PROPOSED



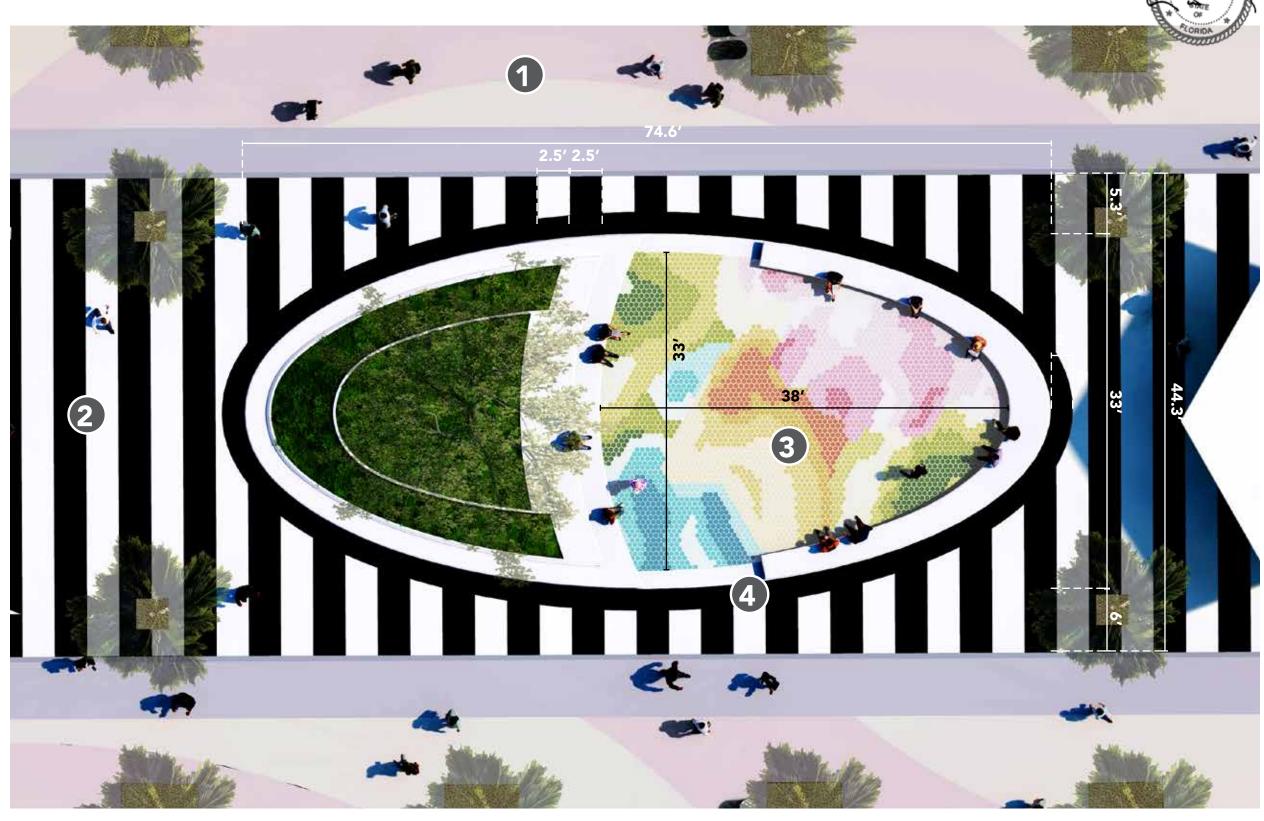
EUCLID OVAL PROPOSED



EUCLID OVAL PROPOSED PLAN

PROPOSED PAVING

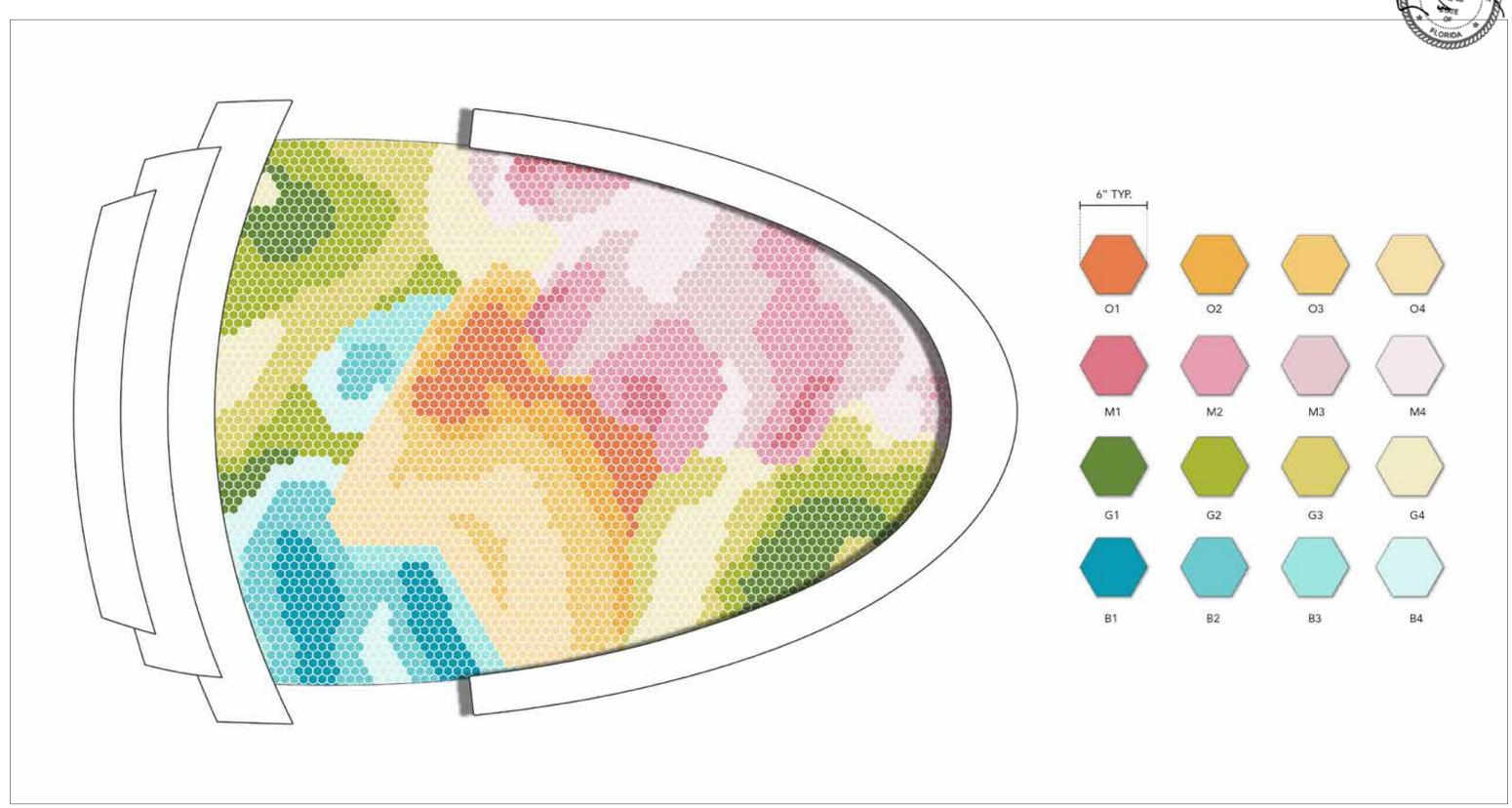
- 1 LR PEDESTRIAN PROMENADE **EXISTING LINCOLN ROAD** COLORED CIP CONCRETE TO REMAIN
- 2 LR PIANO KEYS RESTORED CIP CONCRETE STRIPES WITH NEW COATING
- 3 EUCLID OVAL 6" MOSAIC COLOR PAVER
- 4 APRON 2' WIDE CIP CONCRETE WITH BLACK COATING





EUCLID OVAL

MOSAIC COLOR PAVER

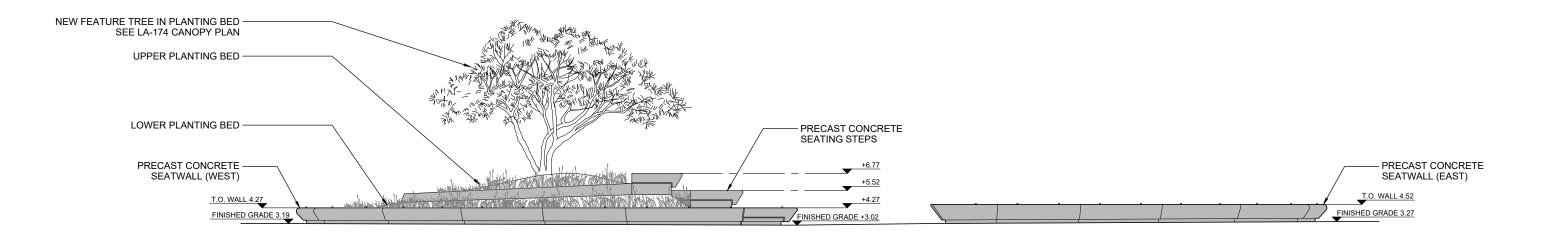


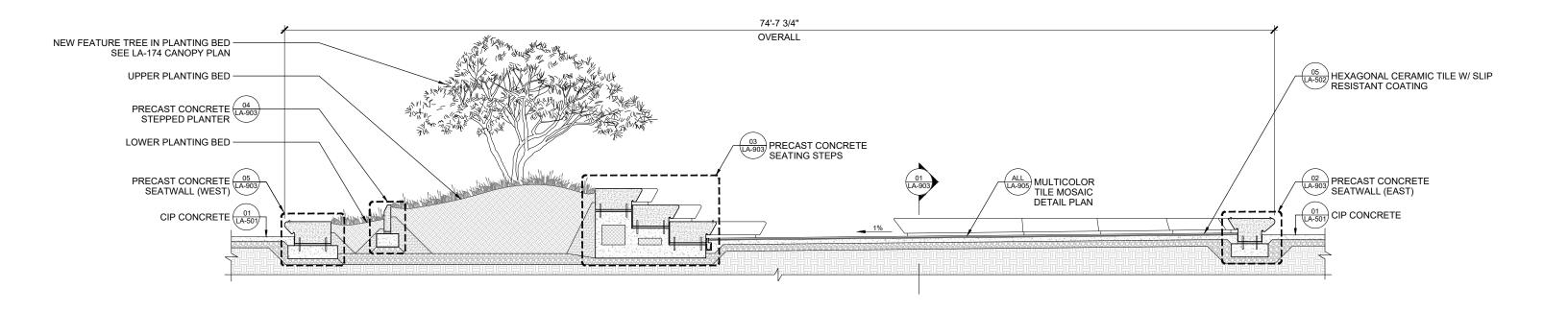


EUCLID OVAL

DETAILS



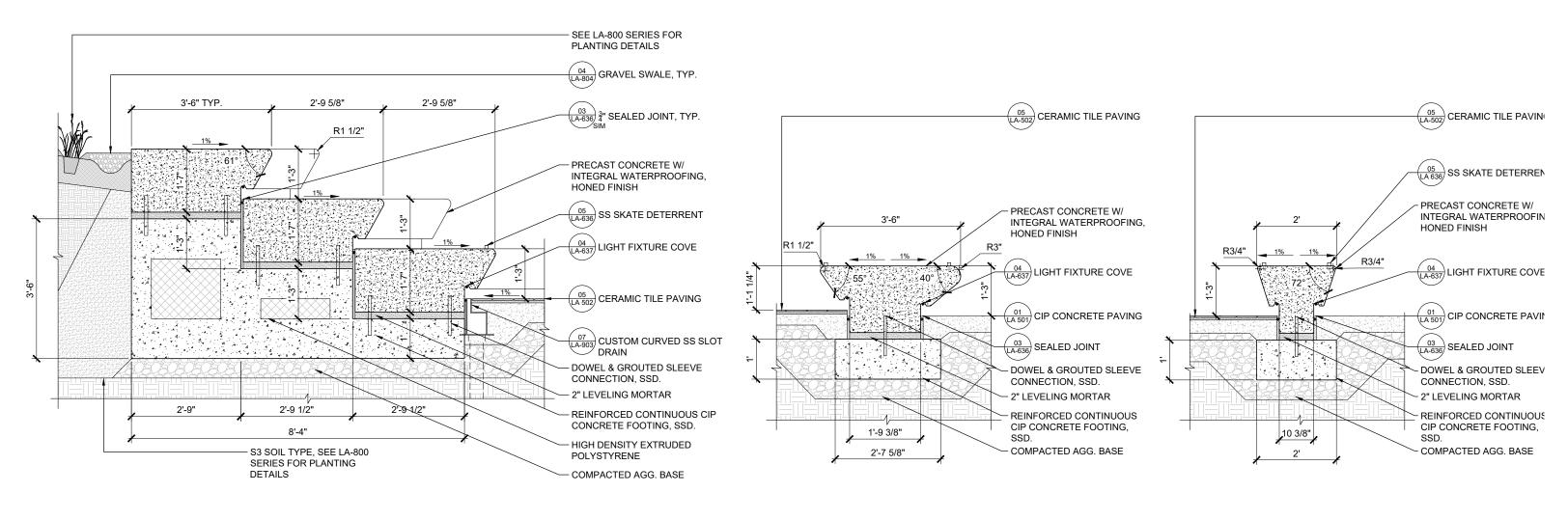




EUCLID OVAL

DETAILS





EUCLID SEATING STEPS MATERIAL PALETTE:

ACID WASHED WHITE PRECAST CONCRETE

HONED WHITE PRECAST CONCRETE

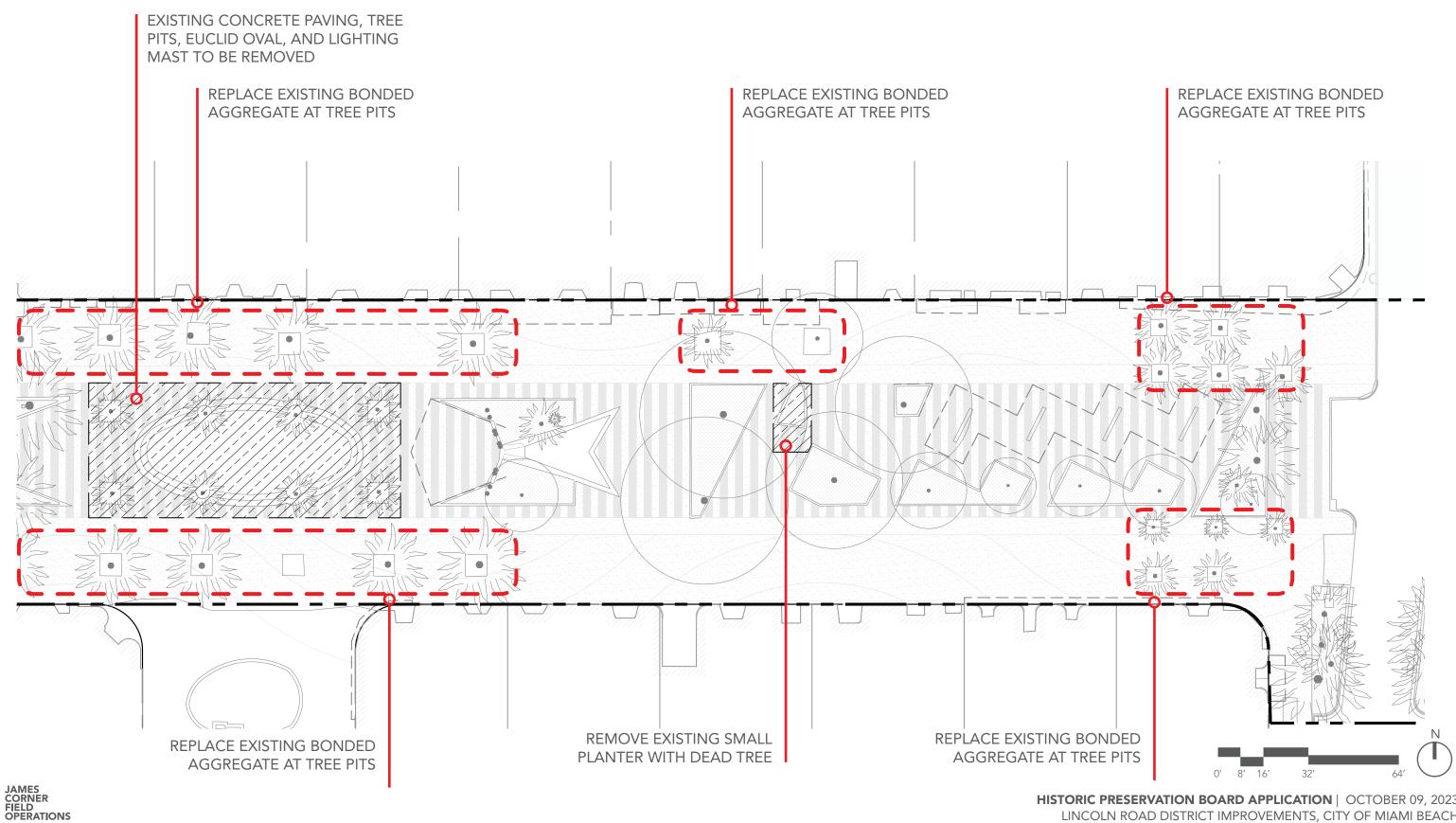






600 BLOCK EXISTING





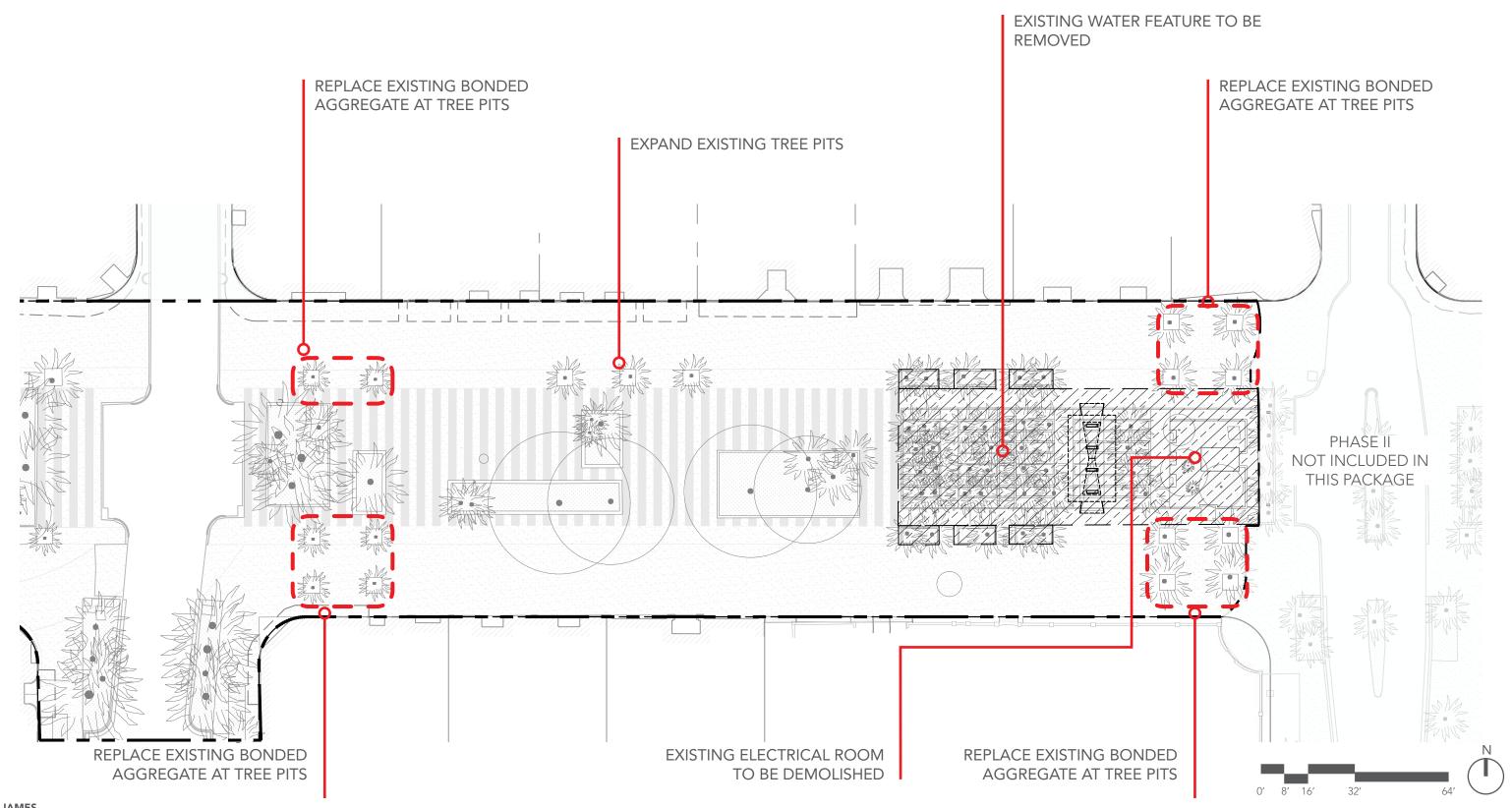
600 BLOCK PROPOSED





500 BLOCK EXISTING





500 BLOCK PROPOSED

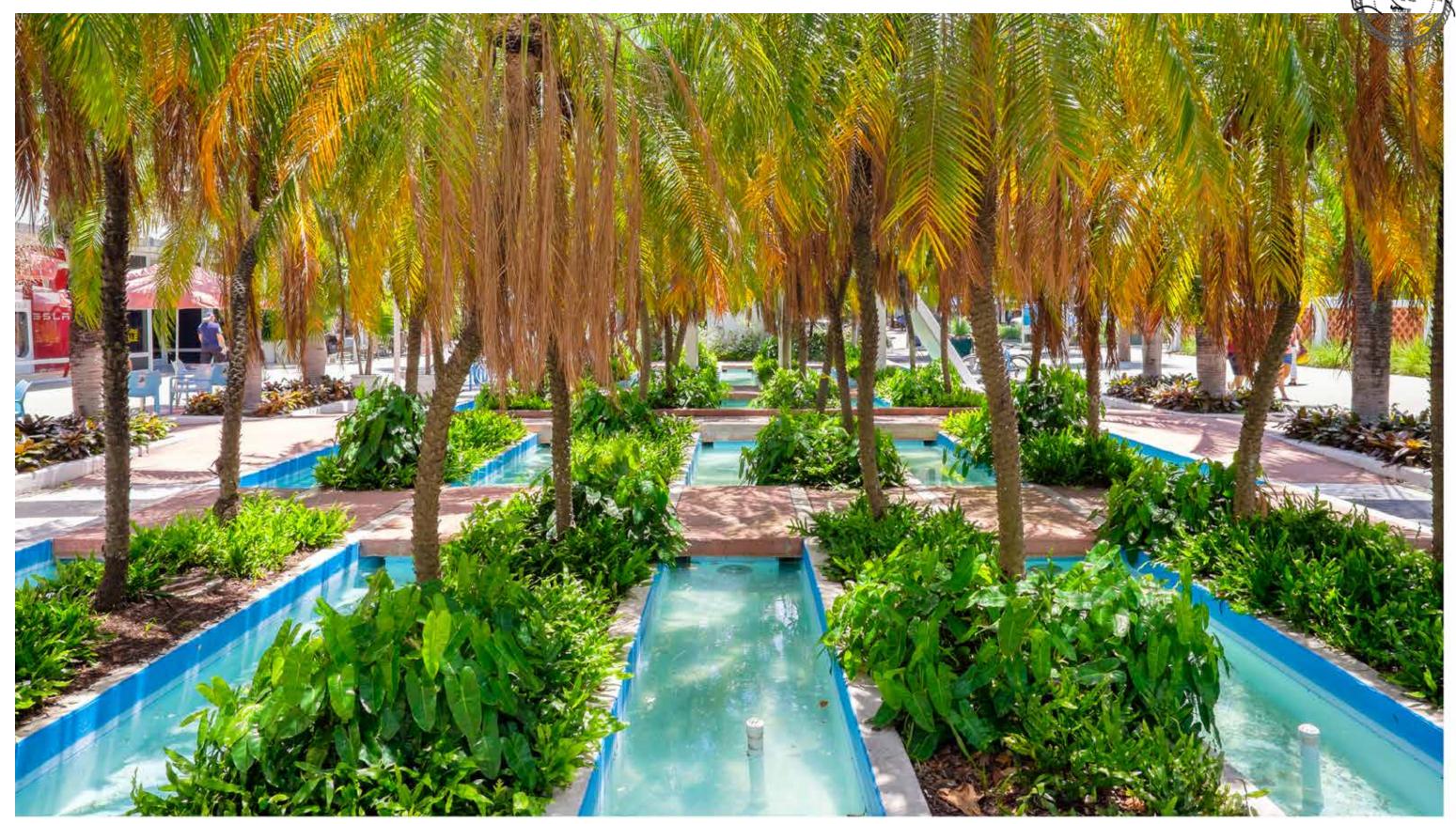
NEW PROPOSED UPGRADES

- 1 NEW SEATING AREAS / 6 NEW BENCHES - FOLLY RESTORATION + NEW LIGHTING LIMIT OF WORK - IRRIGATION AND PLANTING UPGRADES - PIANO KEY RESURFACING **BIKE RACKS** - NEW SIGNAGE, TRASH CANS, DOG BAG DISPENSERS, - TREE PIT RESURFACING W. BONDED AGGR. SIGNAGE **BIKE RACKS** TRASH CANS 00 - NEW/EXPANDED TREE PITS W. PLANTING - NEW WATER FEATURE AND TREE GROVE - 6 NEW PROMENADE PALMS, 1 TREE - 4 NEW INTERIOR TREES - CONCRETE REPLACEMENT WITH NEW PIANO KEY COATING TO MATCH RESURFACING - NEW PLANTER WITH CAST IN PLACE CONCRETE WALLS 45 PHASE II 2 (8) NOT INCLUDED IN 7 NOTE: ITEMS IN RED INDICATE NEW UPGRADES

PREVIOUSLY APPROVED UPGRADES TO REMAIN

LEGEND

500 BLOCK EXISTING WATER FEATURE



500 BLOCK PROPOSED WATER FEATURE (ADD-ALTERNATE)



500 BLOCK PROPOSED WATER FEATURE (ADD-ALTERNATE)



BOSQUE WATER TABLE

AXONOMETRIC (ADD-ALTERNATE) **POLISHED STONE** WATER TABLE PLATFORM **CHISELED STONE** PERIMETER APRON **PROPOSED STONE TYPE** BLACK MARBLE SLABS



BOSQUE WATER TABLE

PLAN (ADD-ALTERNATE)

- 1 NEW CAST IN PLACE CONCRETE PLANTER
- 2 NEW UHPC CONCRETE BENCH
- 3 NEW TABELED WATER FEATURE
- 4 AT GRADE PLANTER
- NEW TREES ON TREE PIT WITH PAVER GRATE
- 6 EXISTING FOLLY TO REMAIN / BE RESTORED
- **7** EXISTING COLORED CONCRETE TO REMAIN



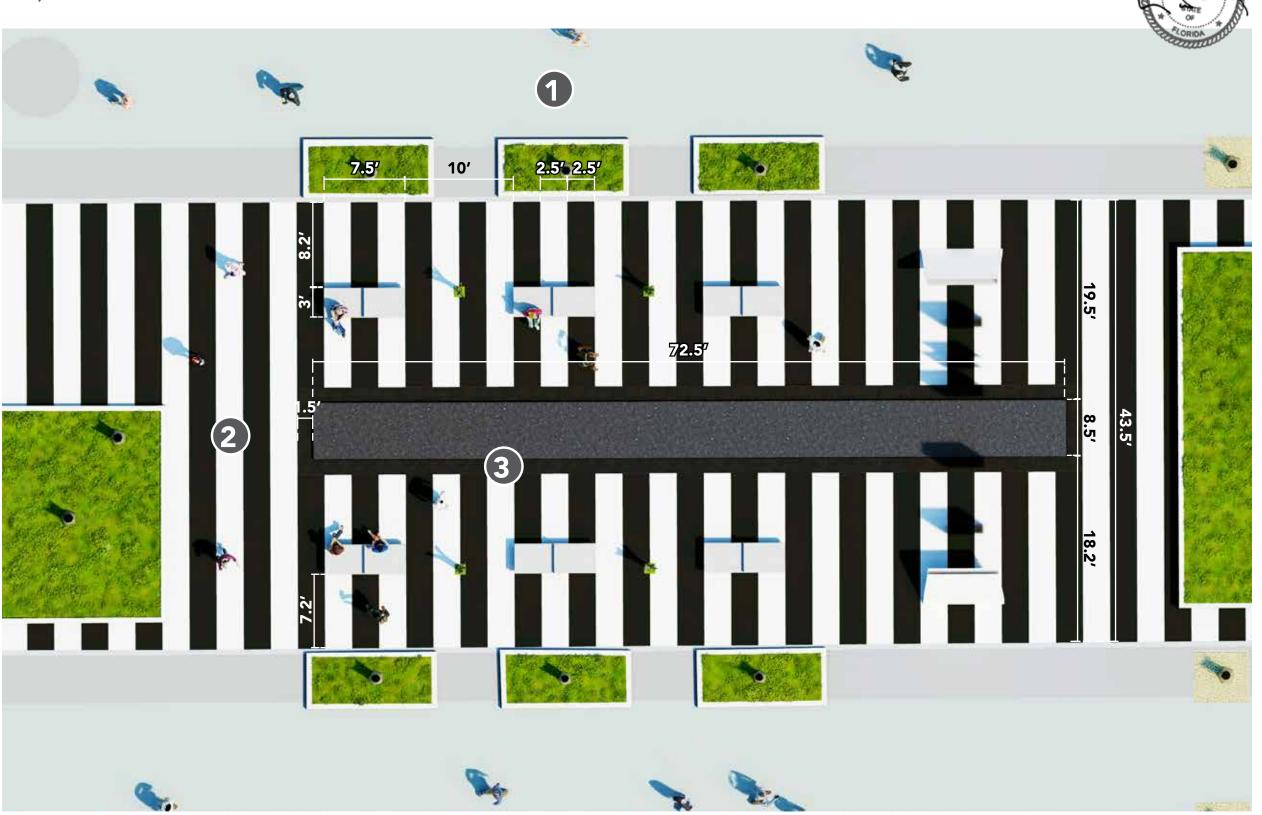


BOSQUE WATER TABLE

PLAN (ADD-ALTERNATE)

PROPOSED PAVING

- 1 LR PEDESTRIAN PROMENADE **EXISTING LINCOLN ROAD** COLORED CIP CONCRETE TO REMAIN
- 2 LR PIANO KEYS NEW CIP CONCRETE STRIPES WITH NEW COATING
- **3** WATER FEATURE APRON 1.5' WIDE CIP CONCRETE WITH BLACK COATING





400 BLOCK

EXISTING CONDITIONS AT WASHINGTON AVENUE

Existing conditions along the eastern part of the 400 block, fronting Washington Avenue are in a state of disrepair. Canary palms have been removed due to poor health, the existing water feature has been replaced with a planter and the City plans to demolish the existing concrete structure. Temporary concrete jersey barriers installed as an anti-ram measure contribute to an overall unwelcoming environment for what is today, one of the primary access points to Lincoln Road.

The poor state of the existing conditions, along with this block's positioning as a primary gateway to Lincoln Road from Collins Avenue, merit a substantial upgrade through new design features.













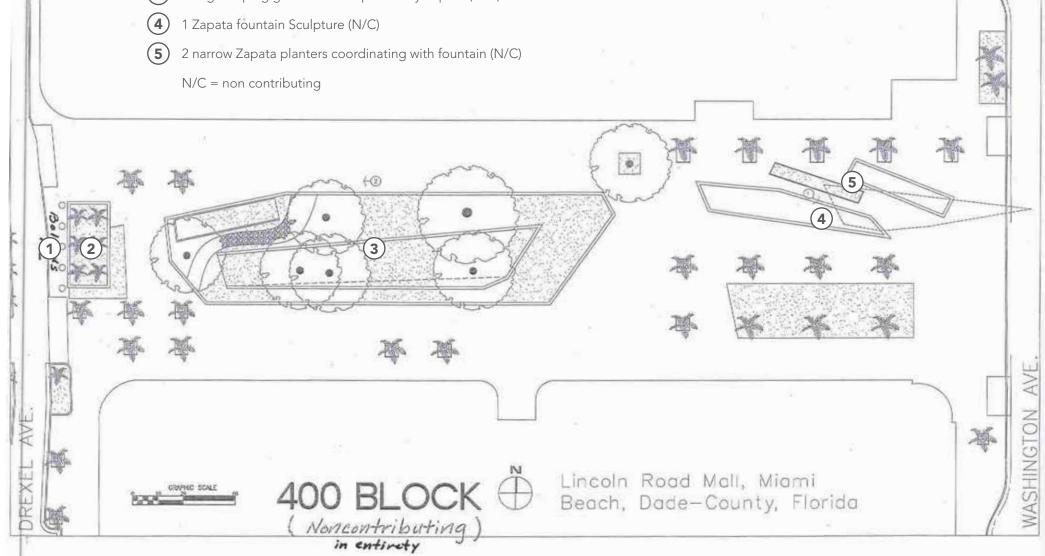
EXISTING CONDITIONS AT 400 BLOCK



400 BLOCK -1997 RENOVATION



- 1 set of bollards (N/C)
- 1 sloping buffer planter by Zapata (N/C)
- 3 1 large sloping grass and rock planter by Zapata (N/C)







CURRENT CONDITIONS

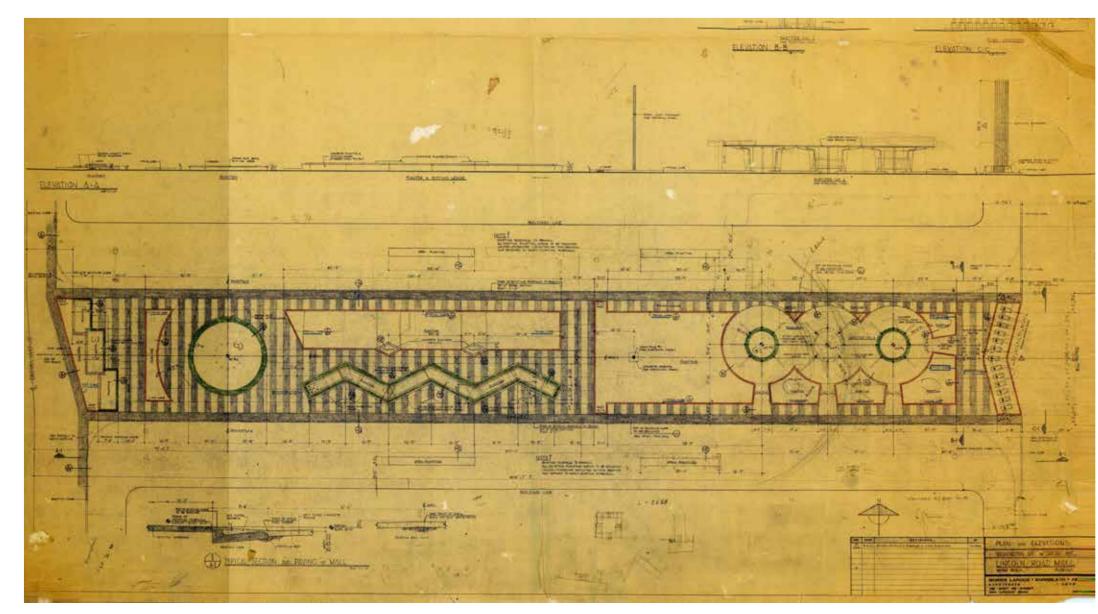
CURRENT 400 PLANS (SOURCE: NATIONAL REGISTER OF HISTORIC PLACES)

*Original Morris Lapidus design was replaced in 1997 with current Carlos Zapata follies and landscape design by Ben Wood



400 ORIGINAL LAPIDUS DESIGN





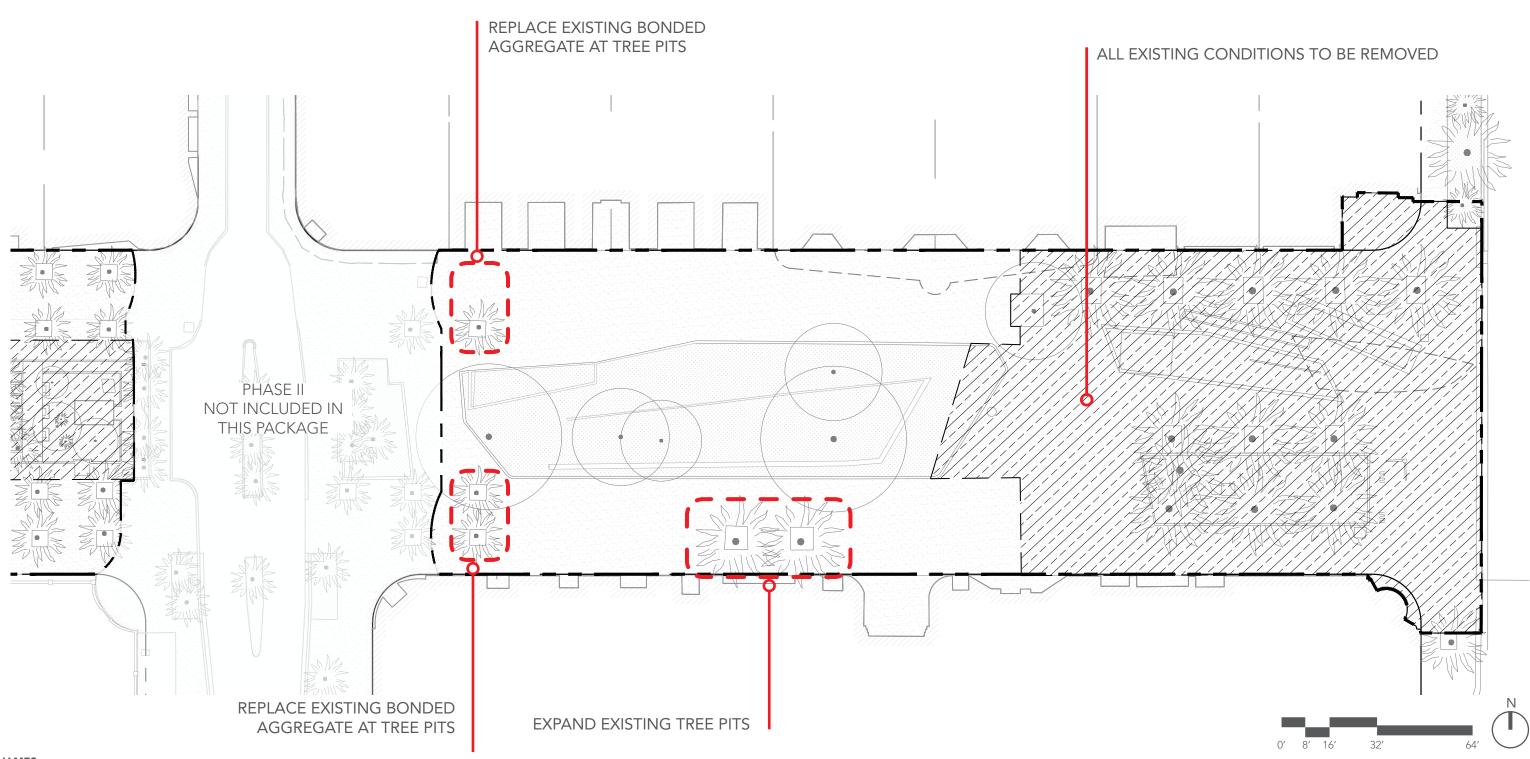


HISTORIC PHOTO (SOURCE: MIAMI HERALD)

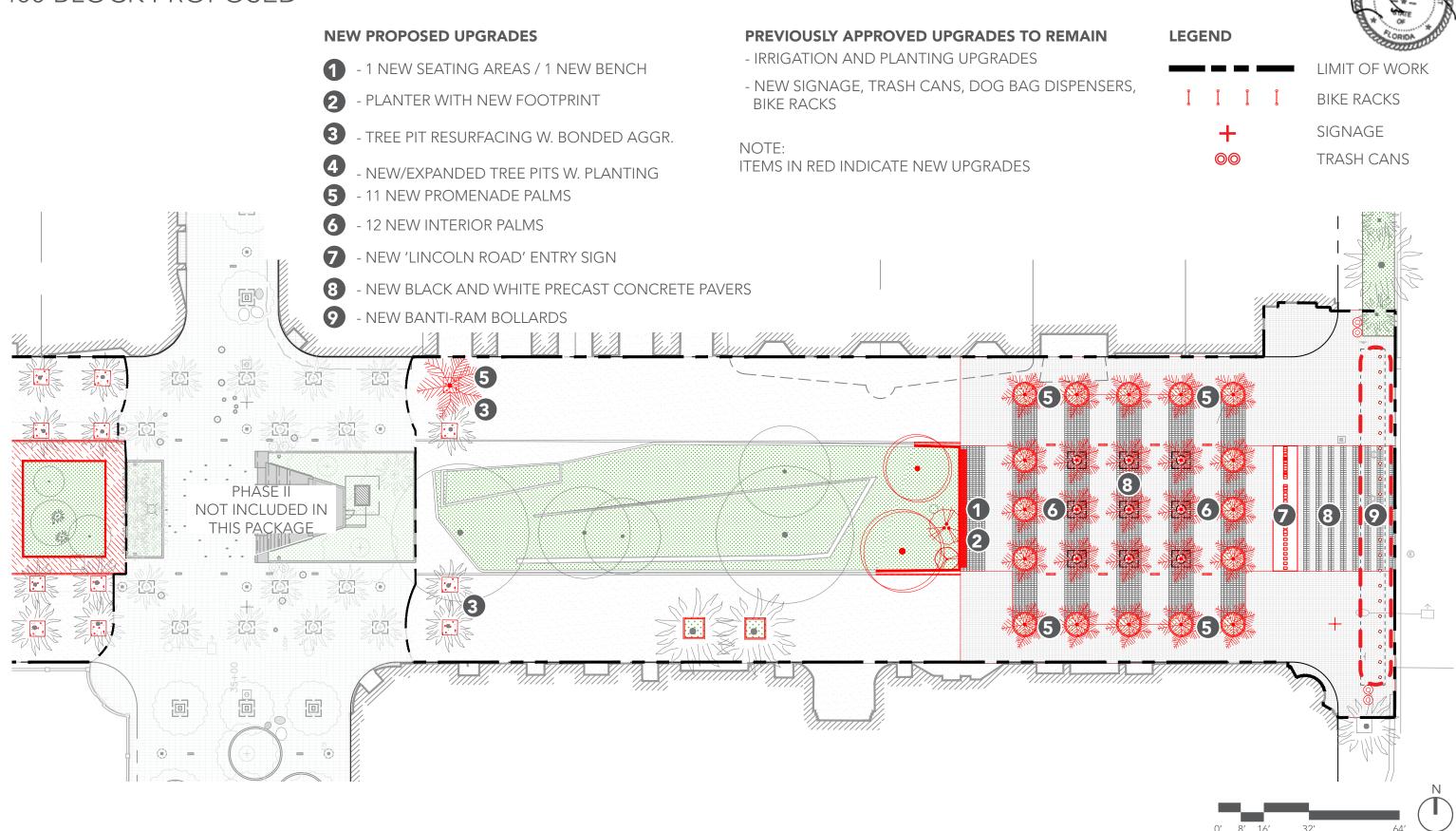


400 BLOCK EXISTING





400 BLOCK PROPOSED





400 BLOCK EXISTING



400 BLOCK PROPOSED- BEACH GATEWAY



LINCOLN RD + WASHINGTON AVE

- 1 EXISTING PLANTER TO BE CUT
- 2 NEW CIP CONCRETE PLANTER
- 3 NEW BENCH
- 4 GATEWAY PLAZA
- ROYAL PALM ON TREE PIT, PLANTED AT GRADE
- ROYAL PALM ON 8' DIA. AT-GRADE PLANTER
- LINCOLN ROAD GATEWAY SIGN OVER STONE BASE
- 8 ANTI-RAM BOLLARDS

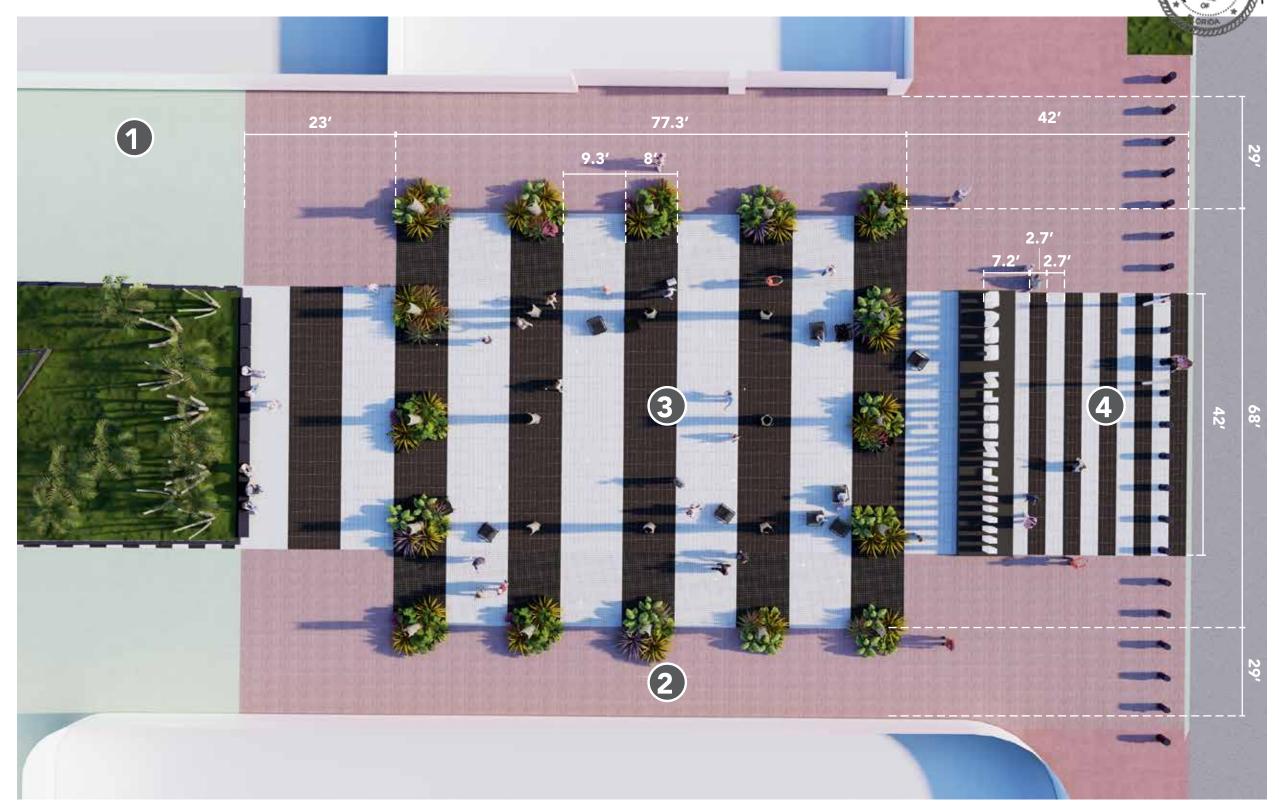


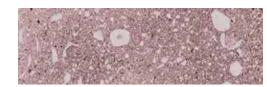


LINCOLN RD + WASHINGTON AVE

PROPOSED PAVING

- 1 LR PEDESTRIAN PROMENADE EXISTING LINCOLN ROAD COLORED CIP CONCRETE TO REMAIN
- **Q** GATEWAY PED. PROMENADE 2-3/8" THICK BY 8" X 12" PRECAST CONCRETE PAVERS PINK W. EXPOSED SEASHELL
- **PALM PLAZA** 2-3/8" THICK BY 8" X 12" PRECAST CONCRETE PAVERS **BLACK AND WHITE**
- **GATEWAY** 2-3/8" THICK BY 8" X 12" PRECAST CONCRETE PAVERS **BLACK AND WHITE**





MATERIAL DETAIL



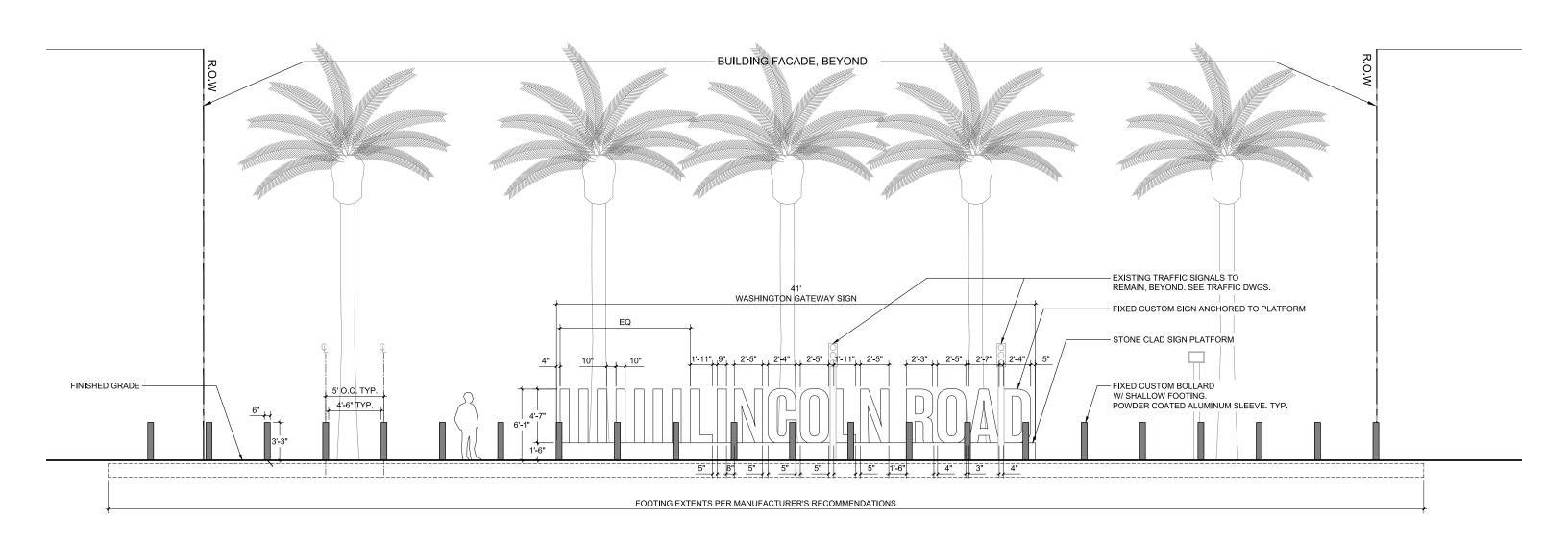


LINCOLN RD + WASHINGTON AVE



LINCOLN RD + WASHINGTON AVE





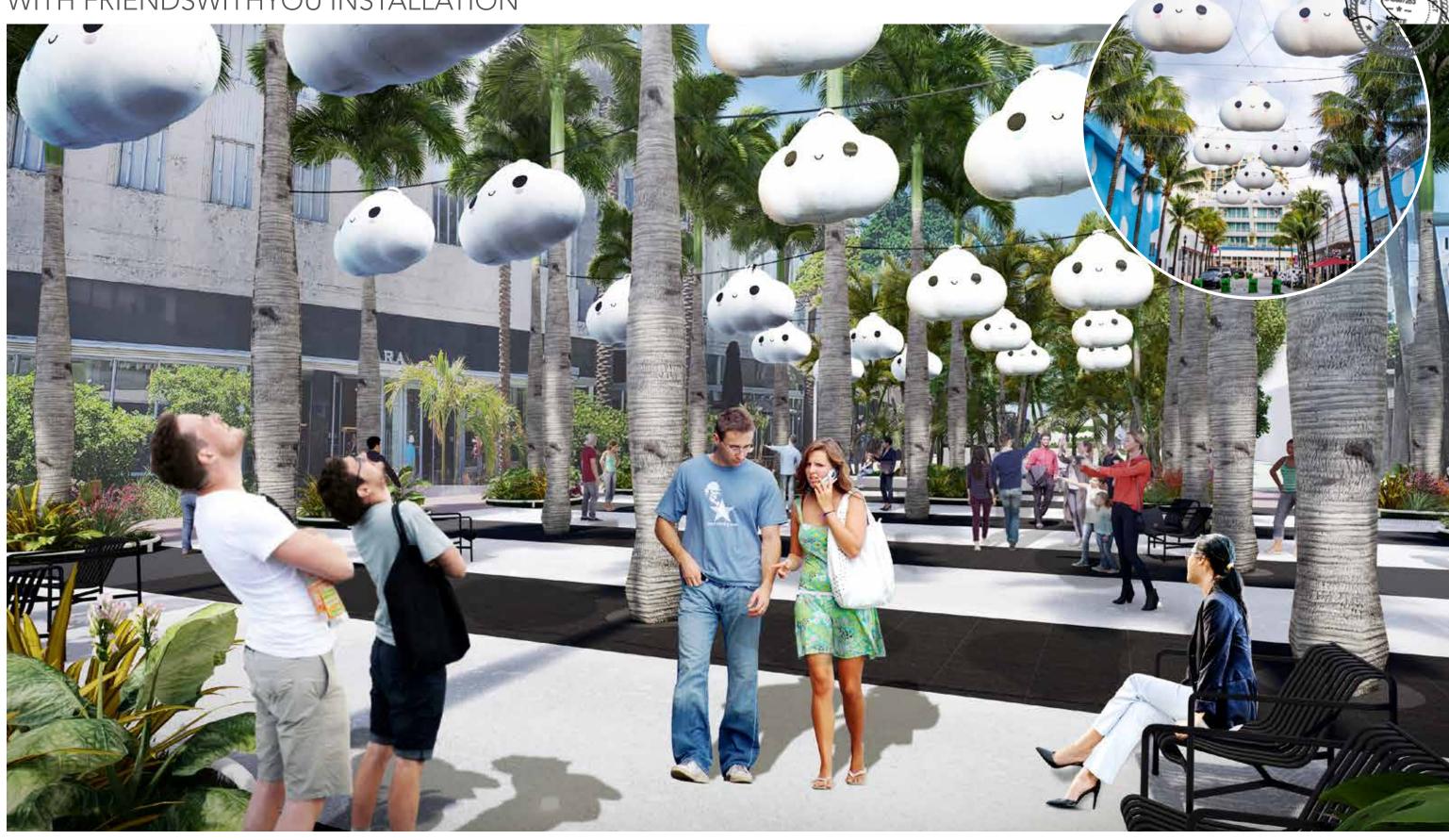
ELEVATION PROPOSED BOLLARDS AND SIGN AT WASHINGTON AVENUE



LINCOLN RD + WASHINGTON AVE



BEACH GATEWAY WITH FRIENDSWITHYOU INSTALLATION



BEACH GATEWAY WITH YAYOI KUSAMA INSTALLATION

LINCOLN RD + WASHINGTON AVE





HISTORIC PRESERVATION BOARD APPLICATION

SUBMITTAL - 10/09/2023

PREPARED BY:

JAMES CORNER FIELD OPERATIONS

PREPARED FOR:
THE CITY OF MIAMI BEACH