NORTH BEACH OCEANSIDE PARK

PROPOSED IMPROVEMENTS - ILLUSTRATIVE/TECHNICAL PACKAGE

FINAL SUBMITTAL | DESIGN REVIEW BOARD SUBMITTAL | 2020.11.03

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Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

August 31, 2020

Mr. James Murphy
Chief of Urban Design
City of Miami Beach
1700 Convention Center Drive
Miami Beach, FL 33139

RE: Letter of Intent for DRB Case #DRB 20-0579 – North Beach Oceanside Park

Dear Design Review Board Members:

We appreciate the opportunity to continue to serve the City of Miami Beach and to submit this design package for review throughout the City's DRB process.

At the directive of the City, Calvin, Giordano & Associates, Inc (CGA) has prepared a design for consideration for approval by the City's Design Review Board for the North Beach Oceanside Park project. This submittal is the result of a directive, issued by the City Commission, to provide a design that met the goals established in a Vision Plan adopted in 2014, which consisted of several park improvements. We have included that adopted Vision Plan in our submittal package for your reference.

Additionally, the City has secured grant funding from the Florida Department of Transportation to be used exclusively in the construction of an on-grade paver beachwalk to connect the built segments that currently exist at 79th Street and at 87th Terrace. As such, this project will be constructed as two separate projects: Park Improvements vs Beachwalk Improvements. This is being done because of funding reasons, primarily because the expenses of the construction for the park and the beachwalk must remain distinct and cannot be co-mingled. Both phases are being submitted to the DRB process as a single project for review in order to ensure that the Board is able to review and approve the project in its entirety.

This project is limited to the following project components:

- Entrance signs and ornamental entrance gates at four locations,
- Revitalized lawns, tree pruning, expansion of the plant palette, and removal of invasive species,
- Expanded path network,
- Pedestrian lighting (as allowable by regulatory agencies),
- Connecting to the proposed beachwalk extension,
- Signage and site furnishings,
- Shower facilities,
- Cosmetic refurbishment of the existing restroom and shelter buildings, and
- Refurbishment of the existing perimeter fence fronting Collins Avenue.

This project had been previously approved by the City's Design Review Board on Sept. 05, 2017, but this DRB approval has since expired. As such, it is being re-submitted for a new approval.

Following the DRB's approval in 2017, construction and bid documents were prepared to satisfy all the requests made by the residents and directives from several City Departments. The project was advertised for bids; however, the lowest bid for construction exceeded the City's allocated budget. As such, the project has been redesigned in a manner to minimize as many impacts as possible on existing trees (as this was a principal driver for the surge in cost).

The project, as it is being presented today, has been reviewed and vetted by both the City's CIP and Parks Staff to include the essential components that can be accommodated within the allocated budget. Additionally, on July 17, 2020, the City Commissioners at the Finance and Sustainability Committee meeting granted an additional $2 million in order to have enough funds to construct the elements included in this package.

The package that is being presented to the Board for review and approval is consistent in feel and experience as the original plans that was previously approved by the Board. Although the configuration of walkways are different, key elements of the original design were kept, as those were deemed to be the most impactful to future park visitors' experiences. Additionally, the re-design satisfies all of the directives posed by the original intent of the project, despite its substantially-reduced and limited budget.

The package has already been reviewed and commented on through the City's DRC step as a part of the DRB submittal process. Comments were generated by the following:

- City Parks Department: Staff requested that the specification of equipment within the restroom restoration be modified to reflect the new standards being used in recently-completed restrooms.
  - All of these comments have been addressed
- City Planning Department: We had provided a full set of construction plans for both the park and beachwalk. Staff requested that the packages be consolidated into a single document and that highly-specific details (such as MEP plans, etc) be eliminated from the package so that the package represented more of the criteria that the DRB Board would be opining on. Staff has additionally requested that additional notations be added to the package to identify issues of setbacks and heights.
  - All of these comments have been addressed

We appreciate your efforts in reviewing these documents and we look forward to our ability to discuss the merits of this design proposal in the DRB public forum as a truly transformative project for the North Beach Community.

Warm regards,

Gianno Feoli, ASLA
Director, Landscape Urbanism & Design
Calvin, Giordano & Associates, Inc.

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LAST UPDATED: 10/09/18

MIAMIBEACH

PLANNING DEPARTMENT

1700 Convention Center Drive, Miami Beach, Florida 33139; Tel: 305.673.7550; Web: www.miamibeachfl.gov/planning

BOARD APPLICATION CHECKLIST

A Pre-Application meeting must be scheduled via CAP to obtain a plan case number and for board staff review of all submittals.
Pre-Application meetings for applications that do not require a traffic study are scheduled on a first come-first served basis and must occur no later than five (5) business days prior to CAP First submittal.
Applications requiring a traffic study must meet with the Transportation Department and peer reviewer thirty (30) calendar days prior to the CAP First Submittal deadline to determine the methodology for the traffic impact study and obtain the Transportation Department's checklist. Fifteen (15) days prior to the First submittal the applicant must submit the traffic study via CAP. Seven (7) days prior to First submittal the Transportation Department/Peer Reviewer will provide first round of comments to the applicant. The applicant must address the comments and submit revised traffic study/plans by the CAP First Submittal deadline including a narrative responding to Transportation/Peer Reviewer comments.
Incomplete, or submittals found to be insufficient will not be placed on a Board agenda.

Property address: North Shore Oceanside Park **Board:** DRB **Date:** 07/23/2020

ITEM #	ITEM DESCRIPTION	REQUIRED
	CAP FIRST SUBMITTAL **To be uploaded online (CAP) by the applicant before 12:00 pm by First submittal deadline.** **ALL PLANS MUST BE DIMENSIONED AND LEGIBLE. INCLUDE A GRAPHIC SCALE.**	
1	Application Fee and Peer review fees shall be paid after Pre-Application meeting and before the First submittal. It is the applicant's responsibility to make this payment, if an invoice is not generated by the CAP system, the applicant should contact staff prior to first submittal to be invoiced and make payment.	✔
a	Is the property the primary residence & homestead of the applicant/property owner? (If yes, provide office of the Property Appraiser Summary Report).	
2	Copy of signed and dated check list issued at Pre-Application meeting.	✔
3	Completed Board Application, Affidavits & Disclosures of Interest (original signatures).	✔
4	Signed and dated Letter of Intent. **Letter must outline application details and identify hardships if Variances are requested.** (see also Items # 42,43 and 44).	✔
5	Mailing Labels: Upload property owner's list and copy of original certified letter from provider. See #52 for submittal of Hard copy / originals of these items.	✔
6	Copies of all current or previously active Business Tax Receipts.	✔
7	School Concurrency Application for projects with a net increase in residential units (no SFH). Provide Planning Department - Miami Dade - School Concurrency Application for Transmittal	
8	Survey: Electronic version of original signed & sealed, dated no more than six months from date of application. Survey must provide: lot area, grade per Section 114-1 of the City Code. (If no sidewalk exists, provide the elevation of the crown of the road) and spot elevations.	✔
9	**Architectural Plans and Exhibits (must be 11"x 17")**	
a	Cover Sheet with bullet point scope of work, clearly labeled "First Submittal" and dated with First Submittal deadline date. **Include copies of previous recorded board orders, if applicable.**	✔

Property address: North Shore Oceanside Park **Board:** DRB **Date:** 07/23/2020

ITEM #	ITEM DESCRIPTION	REQUIRED
b	Copy of the original survey included in plan package. See No. 8 above for survey requirements	✔
c	All Applicable Zoning Information (Use Planning Department zoning data sheet format).	✔
d	Context Location Plan, Min 8.5"X11" Color Aerial 1/2 mile radius, identifying project and showing name of streets. (no Google images)	✔
e	Full legal description of the property if not included in survey (for lengthy legal descriptions, attach as a separate document - label clearly).	✔
f	Existing FAR Shaded Diagrams (Single Family Districts: Unit Size and Lot Coverage Shaded Diagrams), if applicable	
g	Proposed FAR Shaded Diagrams (Single Family Districts: Unit Size and Lot Coverage Shaded Diagrams), if applicable.	
h	Site Plan (fully dimensioned with setbacks, existing and proposed, including adjacent right-of-way widths).	✔
i	Current color photographs, dated, Min 4"x 6" of project site and existing structures (no Google images)	✔
j	Current, color photographs, dated, Min 4"x6" of interior space (no Google images)	
k	Current color photographs, dated, Min 4"x 6" of context, corner to corner, across the street and surrounding properties with a key directional plan (no Google images)	✔
l	Existing Conditions Drawings (Floor Plans & Elevations with dimensions). Number of seats, furniture layout if applicable	
m	Demolition Plans (Floor Plans & Elevations with dimensions)	✔
n	Proposed Floor Plans and Roof Plan, including mechanical equipment plan and section marks. Plans shall indicate location of all property lines and setbacks.	✔
o	Proposed Elevations, materials & finishes noted (showing grade, base flood elevation, heights in NGVD values and free board if applicable)	✔
p	Proposed Section Drawings	✔
q	Color Renderings (elevations and three dimensional perspective drawings).	✔
10	**Landscape Plans and Exhibits (must be 11"x 17")**	
a	Landscape Plan - street and onsite - identifying existing, proposed landscape material, lighting, irrigation, raised curbs, tree survey and tree disposition plan, as well as underground and overhead utilities when street trees are required.	✔
b	Hardscape Plan, i.e. paving materials, pattern, etc.	✔
11	Copy of original Building Permit Card, & Microfilm, if available.	✔
12	Copy of previously approved building permits (provide building permit number) and/or Board Orders.	✔
13	Existing and Proposed detailed topographic survey depicting existing spot grades (NAVD) as well as all underground/overhead utilities and easements/agreements with recording data. See Part 1 / Section 1 / A. Surveying & Mapping Standards and submittal Requirements of the Public Works Manual. http://www.miamibeachfl.gov/publicworks/engineering/engineeringmanual.aspx?id=12920	
14	Vacant/Unoccupied structures or sites shall provide recent photographic evidence that the site and structure are secured and maintained. The applicant shall obtain and post a No Trespassing Sign from the City's Police Dept.	

Property address: North Shore Oceanside Park **Board:** DRB **Date:** 07/23/2020

ITEM #	ITEM DESCRIPTION	REQUIRED
15	Historic Resources Report (This report shall include, but not be limited to, copy of the original Building Permit Card and subsequent modifications, Microfilm records, existing condition analysis, photographic and written description of the history and evolution of the original building on the site, all available historic data including original plans, historic photographs and permit history of the structure and any other related information on the property.	
16	Contextual Elevation Line Drawings, corner to corner, across the street and surrounding properties (dated).	
17	Line of Sight studies.	
18	Structural Analysis of existing building including methodology for shoring and bracing.	
19	Proposed exterior and interior lighting plan, including photometric calculations.	
20	Exploded Axonometric Diagram (showing second floor in relationship to first floor).	
21	Neighborhood Context Study. (Planning will provide guidance if necessary for application.)	
22	Required yards open space calculations and shaded diagrams.	✔
23	Required yards section drawings.	
24	Variance and/or Waiver Diagram	
25	Schematic signage program	
26	Detailed sign(s) with dimensions and elevation drawings showing exact location.	
27	Elevation drawings showing area of building façade for sign calculation (Building ID signs).	
28	Daytime and nighttime renderings for illuminated signs.	
29	Floor Plan Indicating area where alcoholic beverages will be displayed.	
30	Survey showing width of the canal (Dimension shall be certified by a surveyor)	
31	Site Plan showing total projection of structures from seawall, location and dimension of all structures inclusive of dock, mooring piles, boat lift, etc.	
32	DERM recommendation/preliminary approval. Docks or any structures shall have approval stamp from DERM or other regulatory agency before submitting for a variance. A letter from DERM or other agency, explaining specific requirements for the project is recommended.	
33	Technical specifications of the boat lift and/ or boat, ship of vessel to be docked or moored.	
34	Survey shall include spot elevations in rear yard and elevation points on the dune adjacent to the property. Provide highest elevation point on the due within the property. Erosion control line and Bulkhead line shall be indicated if present.	
35	Scaled, signed, sealed and dated specific purpose survey (Alcohol License/Distance Separation) distance shown on survey with a straight line.	
36	Proposed Operational Plan: Include deliveries and trash pickup times, hours of operations, number of employees, security and restaurant menu (if applicable).	
37	Maneuvering plan for loading within the existing/proposed conditions, delivery and garbage trucks size (length and width).	
38	Traffic Study, Site plan(s) : Revised version and narrative addressing first round of comments from Transportation Department and peer review, provide a narrative. (See Transportation Department check list for requirements.)	
39	Sound Study report (Hard copy) with 1 CD.	
40	**Site Plan (Identify streets and alleys)**	
a	Identify: setbacks _____Height_____Drive aisle widths_____Streets and sidewalks widths_____	

Property address: North Shore Oceanside Park **Board:** DRB **Date:** 07/23/2020

ITEM #	ITEM DESCRIPTION	REQUIRED
b	# parking spaces & dimensions_____ Loading spaces locations & dimensions_____	
c	# of bicycle parking spaces_____	
d	Interior and loading area location & dimensions_____	
e	Street level trash room location and dimensions_____	
f	Delivery route_____Sanitation operation_____ Valet drop-off & pick-up_____Valet route in and out_____	
g	Valet route to and from _____auto-turn analysis for delivery and sanitation vehicles_____	
h	Indicate any backflow preventer and FPL vault if applicable	
i	Indicate location of the area included in the application if applicable	
j	Preliminary on-street loading plan	
41	**Floor Plan (dimensioned)**	
a	Total floor area	
b	Identify # seats indoors_____ outdoors_____ seating in public right of way _____ Total_____	
c	Occupancy load indoors and outdoors per venue_____ Total when applicable_____	
42	**The letter of Intent shall include and respond to all sea level rise and resiliency review criteria per section 133-50 of the City Code.**	
43	**The Letter of Intent for Variances shall include and respond to all review guidelines in the code as follows:**	
a	Section 118-53 (d) of the City Code for each Variance.	
44	**The Letter of Intent for Planning Board shall include and respond to all review guidelines in the code as follows:**	
a	For Conditional Use -Section 118-192 (a)(1)-(7)	
b	CU - NIE and or outdoor Entertainment Establishments - Section 142-1362 (a)(1)-(9)	
c	CU - Mechanical Parking - Section 130-38 (3)(c)(i)(1)-(2) & (4)(a)-(k)	
d	CU - Structures over 50,000 SQ.FT. - Section 118-192 (b) (1)-(11)	
e	CU - Religious Institutions - Section 118-192 (c) (1)-(11)	
f	For Lot Splits - Section 118-321 (B) (1)-(6). Also see application instructions	
	Notes: The applicant is responsible for checking above referenced sections of the Code. If not applicable write N/A	
Other	Proposed street furniture and fixtures	✔
Other		
Other		

****ADDITIONAL INFORMATION AS MAY BE REQUIRED AT THE PRE-APPLICATION MEETING**

Property address: North Shore Oceanside Park **Board:** DRB **Date:** 07/23/2020

ITEM #	ITEM DESCRIPTION	REQUIRED
	FINAL SUBMITTAL (CAP & PAPER) **Plans should be clearly labeled "Final Submittal" and dated with Final Submittal deadline date. Final Submittal Documents must be uploaded to the CAP and hard copies must be submitted to the Planning Department prior to 12:00 P.M. on final submittal deadline. Staff will review and issue a notice to proceed or to continue submittal to a future meeting if the application is found incomplete.**	
45	Traffic Study, Site plan(s): This is the final traffic study including any modifications required to address comments from the City's Transportation Department. City's required permit by FDOT should be obtained prior to Final submittal (via CAP).	
	PAPER FINAL SUBMITTAL: * See below note concerning changes in Paper Submittal	
46	Original application with all signed and notarized applicable affidavits and disclosures.	✔
47	Original of all applicable items.	✔
48	One (1) signed and sealed 11"X17" bound, collated set of all the required documents.	✔
49	14 collated copies of all required documents	✔
50	One (1) CD/DVD with electronic copy of entire final application package (plans, application, Letter of Intent, traffic/sound study, etc.) see CD/DVD formatting attached, for instructions.	
51	Traffic Study (Hard copy)	
52	Mailing Labels -2 sets of gummed labels and a CD including: Property owner's list and Original certified letter from provider.	✔

ADDITIONAL INFORMATION AND ACKNOWLEDGEMENTS

A. Other information/documentation required for First submittal will be identified during Pre-Application meeting but may be modified based on further analysis.

B. It is the responsibility of the applicant to confirm that documents submitted via CAP, Paper Submittal sets (14 copies), and electronic version on CD are consistent with each other and legible.

C. Plan revisions and supplemental documentation will not be accepted after the Final Submittal deadline

D. All documents required for Board applications must be submitted in an electronic format (PDF) via CD in the manner prescribed herein. The CD is considered the "Formal Submission", and must include the electronic version of all hard copy documents associated with the application. A new Updated CD will be required if any modifications are made before or after hearing. Failure to comply with the aforementioned may result in a rehearing before the applicable board at the applicant's expense.

E. Please note that the applicant will be required to submit revised plans pursuant to applicable Board Conditions no later than 60 days after Board Approval. (If applicable)

Applicant or Designee's Name | Applicant or Designee's Signature | Date

* Due to Covid-19 Paper Copies are may be placed with an electric copy of all final, original submittal documents, uploaded into CSS and labeled as "Formal Submittal". Staff will provide further details on processes at First Submittal Comments.

PROJECT CHRONOLOGY

2014.03 Terra-Group/West 8 propose a design vision to City Commission with a construction cost of $10m

2014.11.12 Terra-group/West 8 revise the vision to eliminate scope and reduce cost; new construction cost is projected to be between $6.35 m- $6.69m; Adopted by City Commission

2016.07.18 City Contracts West 8 + CGA team to develop construction plans for North Shore Open Space Park using the vision as the basis for the design and a total construction budget of $5m. The scope is limited to:

- Entrance Identification Signs
- Ornamental entrance gates at four (4) locations
- Expanded path network
- Site furnishings
- Cosmetic refurbishment of restrooms and concrete shelters
- Revitalized lawns, expansion of plant palette, removal of invasive species
- Refurbishment of existing perimeter fence fronting Collins Ave

2016.09.07 Design Team + City holds first Public Outreach Listening Session to introduce the project to the community and explain the scope of work. Community requests that the scope of work be expanded to include:

- 'Wow' Gateways - Plaza entrances at 79th and 87th Streets
- Provide ornamental entrances at all street-ends, not just four (4)
- Install a landscape visual buffer around existing maintenance yard
- Upgrade the playground with a new children's playground with open, nature-play
- Install a shade structure over the new playground
- Provide improvements to the existing dog park area
- Replace old vita-course with new exercise stations along a vita-course circuit
- Install a hedge and planting along all Collins Avenue frontage to soften the institutional look of the fence

2016.09. Design Team meets with all City Departments; Staff makes requests to increase the scope to include:

- Security gates at all connections between park and beachwalk
- Crown-raising of the entire canopy to a min clearance of 6 feet (CPTED)
- Pedestrian pole lighting throughout the park, as allowed by FWC
- Break-up the dense tree areas so they could be more easily patrolled and eliminate blind corners

2016.10.21 NCAC Meeting: Design options are discussed to potentially include an All Wheels components into the scope fo work for the park

2017.01.24 Design Team + City holds second Public Outreach meeting to present the proposed design.

2017.01.26 NCAC Meeting: Improvements are discussed to get consensus before going to DRB, decision on trees, children's playground and lighitng is deferred to following NCAC meeting.

2017.02.17 NCAC Meeting: Impact on trees, children's playground and lighting are discussed. Directive is to:

- Reduce tree removals by relocate them instead
- Up-size all new trees plantings to a minimum of 18-feet, where possible

2017.03.07 DRB: Project is presented to the Design Review Board - All elements are approved except fence frontage treatments along Collins Ave and final location of the children's playground. Design team is directed to confer with staff and offer more options.

2017.09.05 DRB: Project is presented again to the Design Review Board, with a focus on the fence frontage treatments along Collins Ave and final location of the children's playground. Options are approved, budget-permitting.

2017 - 2018 Design Team develops the construction plans for the Beachwlak and the Park projects separetly through the 60% and 90% phases. Plans are routed through FDOT for review and to all City Departments for Staff review and comment. Through the City Staff comments phase, staff requests the incorporation of additional items, thereby expanding the scope of work of the park further. These included:

- Add drinking fountains with incorporated chillers
- Install a fence around children's playground area
- Upgrade the poured-in-place rubber surfacing in children's playground from the propsoed 50% color to 100% color
- Upgrade all restroom's interiors beyond just a cosmetic improvement to a complete renovation
- Structural components for the renovation of the restrooms were added
- Install a pavement suspension system (such as 'Cupolex' brand) beneath all walkways, as they were all going to be within a close proximity to existing established trees' roots
- Install a soil suspension system (such as 'Silva Cells' brand) on all new trees or palms that were less than 5 feet away from any walkway

2019.05.02 Bid Plans are complete to the satisfaction of all City Departments. Procurement advertises the park project phase to potential construction bidders with a due date of 6/17/2019.

2019.06.07 Bid due date is extended to 7/26/2019.

2019.06.16 Project is presented and reviewed at the City Staff's 'Ready Team'. Staff directs team to reduce some walkway widths and to add a paving design.

2019.07.19 An Update to the North Beach Oceanside Park is discussed at the Sustainability and Resiliency Committee meeting.

2019.07.23 Bid due date is extended to 8/30/2019

2019.08 In the process of securing the permit, FWC required that all lighting be turtle-friendly and that they utilize shields. Staff directed the Design Team to minimize dark spots inbetween light posts, as such a redesign of the entire lighting had to be performed, substantially increasing the number of light poles in the park.

2019.08.26 Bid due date is extended to 9/13/2019

2019.08.28 FDEP Issues CCCL Permit Number DA-766 for the Beachwalk portion of the project

2019.08.30 Bid due date is extended to 9/30/2019

2019.09.26 Bid due date is extended to 10/3/2019

2019.10.03 NBOP Park Project Bid Opening. 5 bids are received. Bids range from $12,339,885.00 through $16,964,653.00. The City cancels the bid process until further notice.

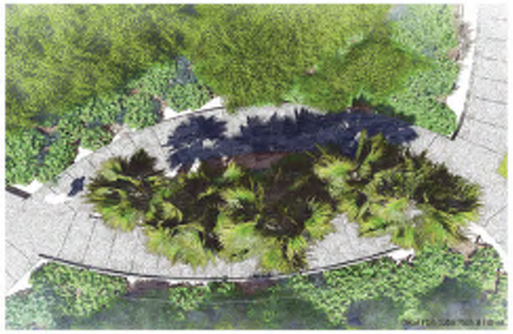
2019.12.18 FDEP Issues CCCL Permit Number DA-771 for the Park portion of the project.

2020.01 CIP Staff and Design Team meet with contractors to discuss and understand critical components driving the costs for the bids: these are identified primarily as the relocation of all the trees and the phasing.

2020.02 CGA works with City Staff to substantially redesign and value-engineer the scope of work and design.

2020.07.17 Staff requests additional $2m to be added to the project budget at the Finance and Resiliency Committee meeting. The funding is granted by the committee; City directs the design team to finalize plans per the new scope of work.

2014 Vision Plan - West 8: Basis of Design



2017 DRB-Approved Site Plan Rendering

DESIGN REVIEW BOARD
City of Miami Beach, Florida

MEETING DATE:	March 07, 2017
FILE NO:	DRB16-0092
PROPERTY:	**North Shore Open Space Park**
APPLICANT:	City of Miami Beach
LEGAL:	See attached 'Exhibit A'
IN RE:	The Application for Design Review Approval for the substantial improvements of North Shore Open Space Park.

ORDER

The City of Miami Beach Design Review Board makes the following FINDINGS OF FACT, based upon the evidence, information, testimony and materials presented at the public hearing and which are part of the record for this matter:

I. **Design Review**

A. The Board has jurisdiction pursuant to Section 118-252(a) of the Miami Beach Code. The property is not located within a designated local historic district and is not an individually designated historic site.

B. Based on the plans and documents submitted with the application, testimony and information provided by the applicant, and the reasons set forth in the Planning Department Staff Report, the project as submitted is inconsistent with Design Review Criteria 7, 8, and 9 in Section 118-251 of the Miami Beach Code.

C. The project would be consistent with the criteria and requirements of Section 118-251 if the following conditions are met:

1. Revised elevation, site plan and floor plan drawings shall be submitted to and approved by staff; at a minimum, such drawings shall incorporate the following:

a. The final equipment style and location for the childrens' playground area of the Park shall not be approved as proposed. The final location and type of equipment design requested herein shall be continued to a future meeting date, and shall be resubmitted, in a manner to be reviewed and approved by the Design Review Board.

b. The design, location and type of fencing proposed along the western edge of the Park, along Collins Avenue, including any gateway entrance designs, landscaping and height of any fencing/edge condition shall not

be approved as proposed. The final location and type of fencing/edge/gateway design requested herein along Collins Avenue shall be continued to a future meeting date, and shall be resubmitted, in a manner to be reviewed and approved by the Design Review Board.

c. A comprehensive lighting plan for the entirety of the Park, including the final design details of the all proposed lighting fixtures and styles within the Park, along the pathways and dunes, including materials and finishes, shall be provided and comply with Florida Department of Environmental Protection regulations. The final location and type of all lighting design requested herein shall be continued to a future meeting date, and shall be resubmitted, in a manner to be reviewed and approved by the Design Review Board.

d. The final design, including materials and finishes for all proposed railings shall be provided, subject to the review and approval of staff.

e. The final design details of the proposed fences and gates, interior to the Park, including style, dimensions, and type, shall be submitted in a manner to be reviewed and approved by staff consistent with the Design Review Criteria and/or the directions from the Board.

f. The final design and placement and model/type of all park furniture and fixtures, shall be reviewed and approved by the Planning Department and the Police Department.

g. Substantial modifications to the plans submitted and approved as part of the application, as determined by the Planning Director or designee, may require the applicant to return to the Board for approval of the modified plans, even if the modifications do not affect variances approved by the Board.

h. A copy of all pages of the recorded Final Order shall be scanned into the plans submitted for building permit, and shall be located immediately after the front cover page of the permit plans.

i. Prior to the issuance of a Certificate of Occupancy, the project Architect shall verify, in writing, that the subject project has been constructed in accordance with the plans approved by the Planning Department for Building Permit.

2. A revised landscape plan, prepared by a Professional Landscape Architect, registered in the State of Florida, and corresponding site plan, shall be submitted to and approved by staff. The species type, quantity, dimensions, spacing, location and overall height of all plant material shall be clearly delineated and subject to the review and approval of staff. At a minimum, such plan shall incorporate the following:

Previous DRB Orders - Dated 2017.03.07

a. Parking areas shall be substantially screened from view from within the park, in a manner to be reviewed and approve by staff.

b. All landscape areas abutting driveways and parking areas shall be defined by decorative bollards.

c. All pathway pavers and concrete banding shall be utilized for the entire impervious area, in a manner to be reviewed and approved by staff consistent with the Design Review Criteria and/or the directions from the Board.

d. A fully automatic irrigation system with 100% coverage and an automatic rain sensor in order to render the system inoperative in the event of rain. Right-of-way areas shall also be incorporated as part of the irrigation system.

e. The utilization of root barriers and/or structural soil, as applicable, shall be clearly delineated on the revised landscape plan.

f. The applicant shall verify, prior to the issuance of a Building Permit, the exact location of all backflow preventers and all other related devices and fixtures; such fixtures and devices shall not be permitted within any required yard or any area fronting a street or sidewalk. The location of backflow preventors, siamese pipes or other related devices and fixtures, if any, and how they are screened with landscape material from the right-of-way, shall be clearly indicated on the site and landscape plans and shall be subject to the review and approval of staff.

g. The applicant shall verify, prior to the issuance of a Building Permit, the exact location of all applicable FPL transformers or vault rooms; such transformers and vault rooms, and all other related devices and fixtures, shall not be permitted within any required yard or any area fronting a street or sidewalk. The location of any exterior transformers, and how they are screened with landscape material from the right-of-way, shall be clearly indicated on the site and landscape plans and shall be subject to the review and approval of staff.

h. Prior to the issuance of a Certificate of Occupancy, the Landscape Architect for the project architect shall verify, in writing, that the project is consistent with the site and landscape plans approved by the Planning Department for Building Permit.

In accordance with Section 118-262, the applicant, or the city manager on behalf of the City Administration, or an affected person, Miami Design Preservation League or Dade Heritage Trust may seek review of any order of the Design Review Board by the City Commission, except that orders granting or denying a request for rehearing shall

not be reviewed by the Commission.

II. Variance(s)

A. No variance(s) were filed as part of this application.

III. General Terms and Conditions applying to both 'I. *Design Review Approval* and II. *Variances*' noted above.

A. A Construction Parking and Traffic Management Plan (CPTMP) shall be approved by the Parking Director pursuant to Chapter 106, Article II, Division 3 of the City Code, prior to the issuance of a Building Permit.

B. The final building plans shall meet all other requirements of the Land Development Regulations of the City Code.

C. The Final Order shall be recorded in the Public Records of Miami-Dade County, prior to the issuance of a Building Permit.

D. Satisfaction of all conditions is required for the Planning Department to give its approval on a Certificate of Occupancy, a Temporary Certificate of Occupancy or Partial Certificate of Occupancy may also be conditionally granted Planning Departmental approval.

E. The Final Order is not severable, and if any provision or condition hereof is held void or unconstitutional in a final decision by a court of competent jurisdiction, the order shall be returned to the Board for reconsideration as to whether the order meets the criteria for approval absent the stricken provision or condition, and/or it is appropriate to modify the remaining conditions or impose new conditions.

F. The conditions of approval herein are binding on the applicant, the property's owners, operators, and all successors in interest and assigns.

G. Nothing in this order authorizes a violation of City Code or other applicable law, nor allows a relaxation of any requirement or standard set forth in the City Code.

IT IS HEREBY ORDERED, based upon the foregoing findings of fact, the evidence, information testimony and materials presented at the public hearing, which are part of the record for this matter, and the staff report and analysis, which are adopted herein, including the staff recommendations, which were amended and adopted by the Board, that the **application** is GRANTED for the above-referenced project subject to those certain conditions specified in Paragraph I, II, III of the Finding of Fact, to which the applicant has agreed.

PROVIDED, the applicant shall build substantially in accordance with the plans, entitled "North Shore Open Space Park – Proposed Improvements (Phase 1) Illustrative Package" by **Calvin, Giordano & Associates, Inc.** dated 02/16/17, and as approved by the Design

Previous DRB Orders - Dated 2017.03.07

Review Board, as determined by staff.

When requesting a building permit, the plans submitted to the Building Department for permit shall be consistent with the plans approved by the Board, modified in accordance with the conditions of approval that must be satisfied prior to permit issuance, as set forth in this Order, have been met.

The issuance of the approval does not relieve the applicant from obtaining all other required Municipal, County and/or State reviews and permits, including final zoning approval. If adequate handicapped access is not provided on the Board approved plans, this approval does not mean that such handicapped access is not required. When requesting Building permit, the plans submitted to the Building Department for permit shall be consistent with the plans approved by the Board, modified in accordance with the conditions set forth in this Order.

If the Full Building Permit for the project is not issued within eighteen (18) months of the meeting date at which the original approval was granted, the application will expire and become null and void, unless the applicant makes an application to the Board for an extension of time, in accordance with the requirements and procedures of Chapter 118 of the City Code, the granting of any such extension of time shall be at the discretion of the Board. If the Full Building Permit for the project shall expire for any reason (including but not limited to construction not commencing and continuing, with required inspections, in accordance with the applicable Building Code), the application will expire and become null and void.

In accordance with Chapter 118 of the City Code, the violation of any conditions and safeguards that are a part of this Order shall be deemed a violation of the land development regulations of the City Code. Failure to comply with this **Order** shall subject the application to Chapter 118 of the City Code, for revocation or modification of the application.

Dated this 9th day of March, 2017.

DESIGN REVIEW BOARD
THE CITY OF MIAMI BEACH, FLORIDA

BY: _____
JAMES G. MURPHY
CHIEF OF URBAN DESIGN
FOR THE CHAIR

STATE OF FLORIDA)
)SS
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me this 9th day of March 2017 by James G. Murphy, Chief of Urban Design, Planning Department, City of Miami Beach, Florida, a Florida Municipal Corporation, on behalf of the Corporation. He is personally known to me.

MONique FONS
MY COMMISSION #GG031314
EXPIRES: SEP 19, 2020
Bonded through 1st State Insurance

NOTARY PUBLIC
Miami-Dade County, Florida
My commission expires: 9-19-20

Approved As To Form:
City Attorney's Office: _____ (3/8/17)

Filed with the Clerk of the Design Review Board on _____ (3/8/17)

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Previous DRB Orders - Dated 2017.03.07

'Exhibit A'

LEGAL DESCRIPTION:
All of Blocks 1, 2, 3 and 4 lying West of the Miami-Dade County Erosion Control Line (ECL) as established within this area, Together With all of Blocks 13, 14, 15 and 16, Together With all the rights-of-way lying North of the North right-of-way line of 79th Street, lying South of the North right-of-way line of 83rd Street and lying East of the East right-of-way line of Collins Avenue (S.R. A-1-A), all of the CORRECTED PLAT OF ALTOS DEL MAR NO. 1, according to the plat thereof as recorded in Plat Book 31, Page 40, of the Public Records of Miami-Dade County Florida.

TOGETHER WITH:

All of Blocks 2, 3, 4 and 5 lying West of the Miami-Dade County Erosion Control Line (ECL) as established within this area, Together With all of Blocks 6, 7, 8 and 9, Together With all the rights-of-way lying North of the North right-of-way line of 83rd Street, lying South of the South right-of-way line of 87th Street and lying East of the East right-of-way line of Collins Avenue (S.R. A-1-A), all of ALTOS DEL MAR SUBDIVISION NO. 2, according to the plat thereof as recorded in Plat Book 4, Page 162, of the Public Records of Miami-Dade County Florida.

Said lands situate within the City of Miami Beach, Miami-Dade County, Florida.

Previous DRB Orders - Dated 2017.03.07

DESIGN REVIEW BOARD
City of Miami Beach, Florida

MEETING DATE:	September 05, 2017
FILE NO:	DRB16-0092
PROPERTY:	**North Shore Open Space Park**
APPLICANT:	City of Miami Beach
LEGAL:	See attached 'Exhibit A'
IN RE:	The Application for Design Review Approval for the substantial improvements of North Shore Open Space Park.

SUPPLEMENTAL ORDER

The City of Miami Beach Design Review Board makes the following FINDINGS OF FACT, based upon the evidence, information, testimony and materials presented at the public hearing and which are part of the record for this matter:

I. Design Review

A. The Board has jurisdiction pursuant to Section 118-252(a) of the Miami Beach Code. The property is not located within a designated local historic district and is not an individually designated historic site.

B. Based on the plans and documents submitted with the application, testimony and information provided by the applicant, and the reasons set forth in the Planning Department Staff Report, the project as submitted is inconsistent with Design Review Criteria 19 in Section 118-251 of the Miami Beach Code.

C. Based on the plans and documents submitted with the application, testimony and information provided by the applicant, and the reasons set forth in the Planning Department Staff Report, the project as submitted is inconsistent with Sea Level Rise Criteria 1 and 5 in Section 133-50(a) of the Miami Beach Code.

D. The project would be consistent with the criteria and requirements of Section 118-251 and/ or Section 133-50(a) if the following conditions are met:

1. All of the original conditions of approval by this Board, as reflected in the Final Order dated March 07, 2017, pursuant to DRB16-0092, shall remain in effect except as modified and approved herein

2. Revised elevation, site plan and floor plan drawings shall be submitted to and approved by staff; at a minimum, such drawings shall incorporate the following:

a. The final equipment style and location for the childrens' playground area of the Park shall be approved as proposed in Option 2: New playground to be installed westward of the existing location, away from the adjacent landscape cluster and restroom building.

- Option 1: New playground to remain within the existing playground limits
- Option 2: New playground to be installed westward of the existing location, away from the adjacent landscape cluster and restroom building

The approval of Option 2 is subject to available funding. In the instance that funding is insufficient; the final location and type of equipment design in Option 1 can be reviewed and approved by staff.

b. The design, location and type of fencing proposed along the western edge of the Park, along Collins Avenue, including any gateway entrance designs, landscaping and height of any fencing/edge condition shall be approved as proposed in Option 5: Replace existing fence panels with 30" Oolite limestone knee-wall..

- Option 1: Paint and repair existing fence
- Option 2: Paint and repair existing fence, add planting
- Option 3: Reduce existing fence panels to 42" height and add hedge plantings
- Option 4: Replace existing fence panels with hedge plantings
- Option 5: Replace existing fence panels with 30" Oolite limestone knee-wall

The approval of Option 5 is subject to available funding. In the instance that funding is insufficient, Options 1 through 4 can be reviewed and approved by staff.

c. The design, location and type of all lighting design requested herein shall be approved as proposed in Option 2: Replace existing light fixtures with turtle friendly Olivio fixtures.

- Option 1: Existing light fixtures to remain
- Option 2: Replace existing light fixtures with turtle friendly Olivio fixtures

The approval of Option 2 is subject to available funding. In the instance that funding is insufficient; the final location and type of lighting design in Option 1 can be reviewed and approved by staff.

d. Substantial modifications to the plans submitted and approved as part of the application, as determined by the Planning Director or designee, may

Previous DRB Orders - Dated 2017.09.05

require the applicant to return to the Board for approval of the modified plans, even if the modifications do not affect variances approved by the Board.

e. A copy of all pages of the recorded Final Order shall be scanned into the plans submitted for building permit, and shall be located immediately after the front cover page of the permit plans.

f. Prior to the issuance of a Certificate of Occupancy, the project Architect shall verify, in writing, that the subject project has been constructed in accordance with the plans approved by the Planning Department for Building Permit.

In accordance with Section 118-262, the applicant, or the city manager on behalf of the City Administration, or an affected person, Miami Design Preservation League or Dade Heritage Trust may seek review of any order of the Design Review Board by the City Commission, except that orders granting or denying a request for rehearing shall not be reviewed by the Commission.

II. Variance(s)

A. No variance(s) were filed as part of this application.

III. General Terms and Conditions applying to both 'I. *Design Review Approval* and II. *Variances*' noted above.

A. A Construction Parking and Traffic Management Plan (CPTMP) shall be approved by the Parking Director pursuant to Chapter 106, Article II, Division 3 of the City Code, prior to the issuance of a Building Permit.

B. The final building plans shall meet all other requirements of the Land Development Regulations of the City Code.

C. The Supplemental Final Order shall be recorded in the Public Records of Miami-Dade County, prior to the issuance of a Building Permit.

D. Satisfaction of all conditions is required for the Planning Department to give its approval on a Certificate of Occupancy, a Temporary Certificate of Occupancy or Partial Certificate of Occupancy may also be conditionally granted Planning Departmental approval.

E. The Supplemental Final Order is not severable, and if any provision or condition hereof is held void or unconstitutional in a final decision by a court of competent jurisdiction, the order shall be returned to the Board for reconsideration as to whether the order meets the criteria for approval absent the stricken provision or condition, and/or it is appropriate to modify the remaining conditions or impose new conditions.

F. The conditions of approval herein are binding on the applicant, the property's owners, operators, and all successors in interest and assigns.

G. Nothing in this order authorizes a violation of City Code or other applicable law, nor allows a relaxation of any requirement or standard set forth in the City Code.

IT IS HEREBY ORDERED, based upon the foregoing findings of fact, the evidence, information testimony and materials presented at the public hearing, which are part of the record for this matter, and the staff report and analysis, which are adopted herein, including the staff recommendations, which were amended and adopted by the Board, that the **application** is GRANTED for the above-referenced project subject to those certain conditions specified in Paragraph I, II, III of the Finding of Fact, to which the applicant has agreed.

PROVIDED, the applicant shall build substantially in accordance with the plans, entitled "North Shore Open Space Park – DRB Presentation Update", and as approved by the Design Review Board, as determined by staff.

When requesting a building permit, the plans submitted to the Building Department for permit shall be consistent with the plans approved by the Board, modified in accordance with the conditions of approval that must be satisfied prior to permit issuance, as set forth in this Order, have been met.

The issuance of the approval does not relieve the applicant from obtaining all other required Municipal, County and/or State reviews and permits, including final zoning approval. If adequate handicapped access is not provided on the Board approved plans, this approval does not mean that such handicapped access is not required. When requesting Building permit, the plans submitted to the Building Department for permit shall be consistent with the plans approved by the Board, modified in accordance with the conditions set forth in this Order.

If the Full Building Permit for the project is not issued within eighteen (18) months of the meeting date at which the original approval was granted, the application will expire and become null and void, unless the applicant makes an application to the Board for an extension of time, in accordance with the requirements and procedures of Chapter 118 of the City Code, the granting of any such extension of time shall be at the discretion of the Board. If the Full Building Permit for the project shall expire for any reason (including but not limited to construction not commencing and continuing, with required inspections, in accordance with the applicable Building Code), the application will expire and become null and void.

In accordance with Chapter 118 of the City Code, the violation of any conditions and safeguards that are a part of this Order shall be deemed a violation of the land development regulations of the City Code. Failure to comply with this **Order** shall subject the application to Chapter 118 of the City Code, for revocation or modification of the application.

Dated this 14th day of September, 2017.

Previous DRB Orders - Dated 2017.09.05

DESIGN REVIEW BOARD
THE CITY OF MIAMI BEACH, FLORIDA

BY: _____
JAMES G. MURPHY
CHIEF OF URBAN DESIGN
FOR THE CHAIR

STATE OF FLORIDA)
)SS
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me this 14th day of September 2017 by James G. Murphy, Chief of Urban Design, Planning Department, City of Miami Beach, Florida, a Florida Municipal Corporation, on behalf of the Corporation. He is personally known to me.

GABRIELA C. FREITAS
MY COMMISSION #GG131201
EXPIRES: AUG 03, 2021
Bonded through 1st State Insurance

_____
NOTARY PUBLIC
Miami-Dade County, Florida
My commission expires: 08-03-2021

Approved As To Form:
City Attorney's Office: _____ (9/14/17)

Filed with the Clerk of the Design Review Board on _____ (9-18-17)

F:\PLAN\$DRB\DRB17\09-05-2017\SEP17 Final Orders\DRB16-0092 NSOSP.SEP17.FO.docx

'Exhibit A'

LEGAL DESCRIPTION:
All of Blocks 1, 2, 3 and 4 lying West of the Miami-Dade County Erosion Control Line (ECL) as established within this area, Together With all of Blocks 13, 14, 15 and 16, Together With all the rights-of-way lying North of the North right-of-way line of 79th Street, lying South of the North right-of-way line of 83rd Street and lying East of the East right-of-way line of Collins Avenue (S.R. A-1-A), all of the CORRECTED PLAT OF ALTOS DEL MAR NO. 1, according to the plat thereof as recorded in Plat Book 31, Page 40, of the Public Records of Miami-Dade County Florida.

TOGETHER WITH:

All of Blocks 2, 3, 4 and 5 lying West of the Miami-Dade County Erosion Control Line (ECL) as established within this area, Together With all of Blocks 6, 7, 8 and 9, Together With all the rights-of-way lying North of the North right-of-way line of 83rd Street, lying South of the South right-of-way line of 87th Street and lying East of the East right-of-way line of Collins Avenue (S.R. A-1-A), all of ALTOS DEL MAR SUBDIVISION NO. 2, according to the plat thereof as recorded in Plat Book 4, Page 162, of the Public Records of Miami-Dade County Florida.

Said lands situate within the City of Miami Beach, Miami-Dade County, Florida.

Public Outreach

Feedback from all City Departments

Issues Resolutions and Consensus-building

Feedback Obtained at the first Community Outreach (Sept 7, 2016):

1. The community was very concerned about crime and safety.
2. More benches should be included for an opportunity to congregate.
3. Teen Job Corps uses the park and has focused on CPTED Principles.
4. Residents liked that natural quality of the park. They put a premium value on the vegetative qualities of the conservation areas and their potential to serve as habitat.
5. The public inquired about lighting in the park and how to increase opportunities to allow sunlight into the darker areas, obscured by the overgrown canopies.
6. Residents inquired about the possibility of including a nature center in the park.
7. Some residents noted that the maintenance area dumpsters were stinky and unsightly.
8. Residents mentioned that they would like loops for exercising and said that the connection to the beachwalk was important.
9. The residents said that the kids liked the "hill" in the park and that hills should be incorporated for play.
10. Residents asked that the Design team develop some "WOW Entrances".
11. The public asked if security cameras could be included in the park.
12. Residents would like more access points into the park - at every block if possible.
13. Residents explained that there are a lot of community volunteers that have helped to weed the park and clean it up and they would like the park to continue to foster advocacy.
14. Residents would like the Million Orchids Program be somehow incorporated.

Synopsis of Design Directives Obtained from City Staff:

1. City staff suggested reviewing the zoning map and the North Shore Master Plan for the west parking lots. They asked that the design team get input from Transportation regarding the possibility of removing parking along Collins Ave. fronting the park.
2. The Designers asked if this park was to be active or passive. Staff agreed that it was to be passive.
3. The Building Department and Parks and Recreation Department stated that current restrooms were recently painted but that the interior fixtures and finishes may need to be upgrading.
4. The Parks and Recreation Department requested that the Designers distribute any new pavilions throughout the park on the beach side to activate more locations throughout the site. They recommended locating them in groups of two or more for larger group events as they are very popular for rentals.
5. City Staff reiterated to the design team to keep the maintenance facility in the current location and to provide planting to screen the area.
6. The Designers noted that they would recommend upgrades for enhanced crosswalks across Collins Ave, even if it didn't comprise this phase of the project.
7. The fire department asked that a portion of the walkways provide support for a rescue vehicle with HS20 loading. It was noted that this is not the big fire truck.
8. City Staff and the Design Team agreed that the beachwalk path should be seamless with the park. The Designers stated a preference for a more sinuous path to be located throughout.
9. The Parks and Recreation Department requested that the Bar-B-Q grills be more dispersed both on the beach side and the park side but be adjacent to the pavilions.
10. The Design Team explained that the exercise stations will be distributed throughout the different proposed loops to activate the entire park.
11. It was suggested that a drop off area adjacent to the maintenance area for park users be provided for unloading for a future phase once a final determination on the maintenance yard is made.
12. The Planning Department stated that the edge condition along Collins is an important component, and that even if it isn't within the scope of this immediate project a vision for the future of that edge should be an integral component of the planning of the park. Planning Staff suggested to expand the walkway along Collins and to work around the existing trees to provide shade as a "Public Greenway". The Planning staff encouraged the modification of the right of way by widening the sidewalk and introducing bulb-outs on Collins.
13. Environmental Staff was in favor of removing the wooden picket fences around the preservation areas to be replaced with a better 'edge'.
14. It was noted that Ocean Rescue may propose a structure inside the maintenance area.
15. The Transportation Staff noted that the trolleys also use the bus stops. The Designers asked if the existing bus shelters could be relocated and Staff replied that no more than 100 feet would be acceptable - they had concerns about relocating the shelter in the mid-block region as this would promote jay-walkers and create a dangerous situation.
16. The Transportation Staff recommended that the team review the Bicycle/Pedestrian Master Plan and suggested that having the bike share program in the park would be beneficial. They suggested that the park incorporate bike rest areas where the riders could wash their face.
17. The Police Department explained that the fencing located around the preservation areas had been placed there at the request of the Police Department's direction in response to discourage the homeless and deviants for using the conservation areas for illicit activities. They explained that the Police Department pays for the youth conservation corps to provide cleanup in the park.
18. The Police Department explained that having the fence along the perimeter of the park helps the Police Department substantiate charges of trespassing in court hearings. They explained that the courts ask for specific barriers and signage to clearly demonstrate that a person should not be in certain locations. The Police stated that signage should be located 150 feet apart which says "No night use". For the beach side, Police said it was acceptable to use wood posts and rope with "No trespassing" signs posted as a barrier. The principal key issue was ensuring that there were physical barriers of some sort that they could point to in a court if an arrest was made to justify that the trespassing offense committed was one that was clearly understood.
19. The Police Department emphatically requested that Designers adhere to the CPTED requirements as much as possible: primarily, clearance with the landscape material between 2 feet and 6 feet high for a minimum depth of the conservation areas, break-up the dense tree areas so they could be more easily patrolled, and to eliminate blind corners.

Community Outreach and Initial Staff Input

Safety and Ecology

Vegetation, Planting and Viewsheds

Dunes and Resiliency

Beachwalk

Pathways, Circulation and Circuitry

Enclosure and Edges

Lawn Areas and Flexible Uses

Pavilions, Facilities and Program

Maintenance Yard Buffering

Existing Zoning Designation GU

Total Lot Area 1,280,003.00 SF 29.38 Acres

Site Development Statistics

Existing				
Pervious Area	1,083,144.00	SF	24.87 Acres	84.62 % Coverage
Impervious Area	196,859.00	SF	4.52 Acres	15.38 % Coverage
Proposed				
Pervious Area	1,061,044.28		24.36 Acres	82.894 % Coverage
Impervious Area	218,958.72		5.03 Acres	17.106 % Coverage
Impacts of Proposed Modifications	22,099.72	SF Increase in Impervious Area		1.73 % Increase in Impervious Coverage

Landscape and Planting Statistics

Trees:

Existing Vegetation On-site by Canopy-type (Exclusing Vegetation within Conservation Areas)				
Existing Total Trees	3144	Trees		
Total Seagrapes	1751	Seagrapes		
Canopy Trees	731	Canopy Trees		
Existing Total Palms	662	Palms		
Proposed Trees to be Removed - Invasive Exotics			37	Trees
Proposed Trees/Palms to be Removed			54	Trees
Park	0	Total		
Seagrapes	0	Seagrapes		
Canopy Trees	0	Canopy Trees		
Beachwalk	54	Total		
Seagrapes	20	Seagrapes		
Other Small Trees	7	Canopy Trees		
Coconut Palm Trees	27	Canopy Trees		
Proposed Trees/Palms to be Relocated			216	Palms
Seagrapes	55	Seagrapes		
Other Small Trees	4	Canopy Trees		
Coconut Palm Trees	144	Canopy Trees		
Other Small Palm Trees	13	Canopy Trees		
New Proposed Canopy Trees in Varying Sizes to meet Mitigation Requirements			XXXX	Trees

All trees/palms to be removed have been evaluated by a Certified Arborist as having either health issues or being structurall unsound

ZONING DATA SHEET

ITEM #	Zoning Information			
1	**Address:**	7929 Altantic Way, Miami Beach 33141		
2	**Board and file numbers :**	DRB CASE #20-0579 NORTH BEACH OCEANSIDE PARK		
3	**Folio number(s):**	See Attached		
4	**Year constructed:**	N/A	**Zoning District:**	GU
5	**Based Flood Elevation:**	8' AND 0'	**Grade value in NGVD:**	6.75'
6	**Adjusted grade (Flood+Grade/2):**	10.75'	**Lot Area:**	1,280,003 SF (29.38 AC)
7	**Lot width:**	2766.34'	**Lot Depth:**	459.88' (NORTH); 475.15' (SOUTH)
8	**Minimum Unit Size**	N/A	**Average Unit Size**	N/A
9	**Existing use:**	PARKS & OPEN SPACE	**Proposed use:**	PARKS & OPEN SPACE

		Maximum	Existing	Proposed	Deficiencies
10	Height	N/A			
11	Number of Stories	N/A			
12	**FAR**	N/A			
13	Gross square footage	N/A			
14	Square Footage by use	N/A			
15	Number of units Residential	N/A			
16	Number of units Hotel	N/A			
17	Number of seats	N/A			
18	Occupancy load	N/A			

	Setbacks	Required	Existing	Proposed	Deficiencies
	Subterranean:	N/A			
19	Front Setback:	N/A			
20	Side Setback:	N/A			
21	Side Setback:	N/A			
22	Side Setback facing street:	N/A			
23	Rear Setback:	N/A			
	At Grade Parking:	N/A			
24	Front Setback:	N/A			
25	Side Setback:	N/A			
26	Side Setback:	N/A			
27	Side Setback facing street:	N/A			
28	Rear Setback:	N/A			
	Pedestal:	**Based on RM-2**			
29	Front Setback:	20'	20'	20'	
30	Side Setback:	221.3'	221.3'	221.3'	
31	Side Setback:				
32	Side Setback facing street:	221.3'	221.3'	221.3'	
33	Rear Setback:	95'	95'	95'	
	Tower:	N/A			
34	Front Setback:	N/A			
35	Side Setback:	N/A			
ITEM #	**Setbacks**	**Required**	**Existing**	**Proposed**	**Deficiencies**
36	Side Setback:	N/A			
37	Side Setback facing street:	N/A			
38	Rear Setback:	N/A			

	Parking	Required	Existing	Proposed	Deficiencies
39	Parking district	N/A			
40	Total # of parking spaces	N/A			
41	# of parking spaces per use (Provide a separate chart for a breakdown calculation)	N/A			
42	# of parking spaces per level (Provide a separate chart for a breakdown calculation)	N/A			
43	Parking Space Dimensions	N/A			
44	Parking Space configuration (45o,60o,90o,Parallel)	N/A			
45	ADA Spaces	N/A			
46	Tandem Spaces	N/A			
47	Drive aisle width	N/A			
48	Valet drop off and pick up	N/A			
49	Loading zones and Trash collection areas	N/A			
50	racks	N/A			
		N/A			

	Restaurants, Cafes, Bars, Lounges, Nightclubs	Required	Existing	Proposed	Deficiencies
51	Type of use	N/A			
52	Total # of seats	N/A			
53	Total # of seats per venue (Provide a separate chart for a breakdown calculation)	N/A			
54	Total occupant content	N/A			
55	Occupant content per venue (Provide a separate chart for a breakdown calculation)	N/A			
		N/A			

56	Is this a contributing building?	No
57	Located within a Local Historic District?	No

Notes:

If not applicable write N/A

All other data information may be required and presented like the above format.

North Beach Oceanside Park Folio Numbers

Parcel	1	02-3202-004-0010	Parcel	22	02-3202-006-0180
Parcel	2	02-3202-004-0050	Parcel	23	02-3202-006-0190
Parcel	3	02-3202-004-0110	Parcel	24	02-3202-006-0200
Parcel	4	02-3202-004-0150	Parcel	25	02-3202-006-0210
Parcel	5	02-3202-004-0580	Parcel	26	02-3202-006-0220
Parcel	6	02-3202-004-0590	Parcel	27	02-3202-006-0240
Parcel	7	02-3202-004-0600	Parcel	28	02-3202-006-0250
Parcel	8	02-3202-004-0610	Parcel	29	02-3202-006-0260
Parcel	9	02-3202-004-0620	Parcel	30	02-3202-006-0270
Parcel	10	02-3202-004-0630	Parcel	31	02-3202-006-0290
Parcel	11	02-3202-004-0640	Parcel	32	02-3202-006-0300
Parcel	12	02-3202-006-0020	Parcel	33	02-3202-006-0310
Parcel	13	02-3202-006-0070	Parcel	34	02-3202-006-0320
Parcel	14	02-3202-006-0080	Parcel	35	02-3202-006-0330
Parcel	15	02-3202-006-0090	Parcel	36	02-3202-006-0340
Parcel	16	02-3202-006-0100	Parcel	37	02-3202-006-0350
Parcel	17	02-3202-006-0110	Parcel	38	02-3202-006-0360
Parcel	18	02-3202-006-0120			
Parcel	19	02-3202-006-0140			
Parcel	20	02-3202-006-0150			
Parcel	21	02-3202-006-0170			

FEMA Flood Map

After 1953

After 1953

2003

2008

87th Street

81st Street

Calvin, Giordano & Associates, Inc.
A SAFEbuilt COMPANY

DRB Case Number: DRB20-0579

SITE HISTORY - FROM RESIDENTIAL LOTS TO PARK

Design Review Board - Final Submittal 2020.11.03

North Beach Community - Aerial View

Detail Aerial View

View Westbound at Approximately 83rd Street

View Northbound at Approximately 80th Street

View Southbound at Approximately 83rd Street

View Westbound at 81st Street

Altos del Mar Community (South of 79th Street)

Altos del Mar Community (South of 79th Street)

Altos del Mar Community (South of 79th Street)

CONTEXT - IMMEDIATE SURROUNDINGS

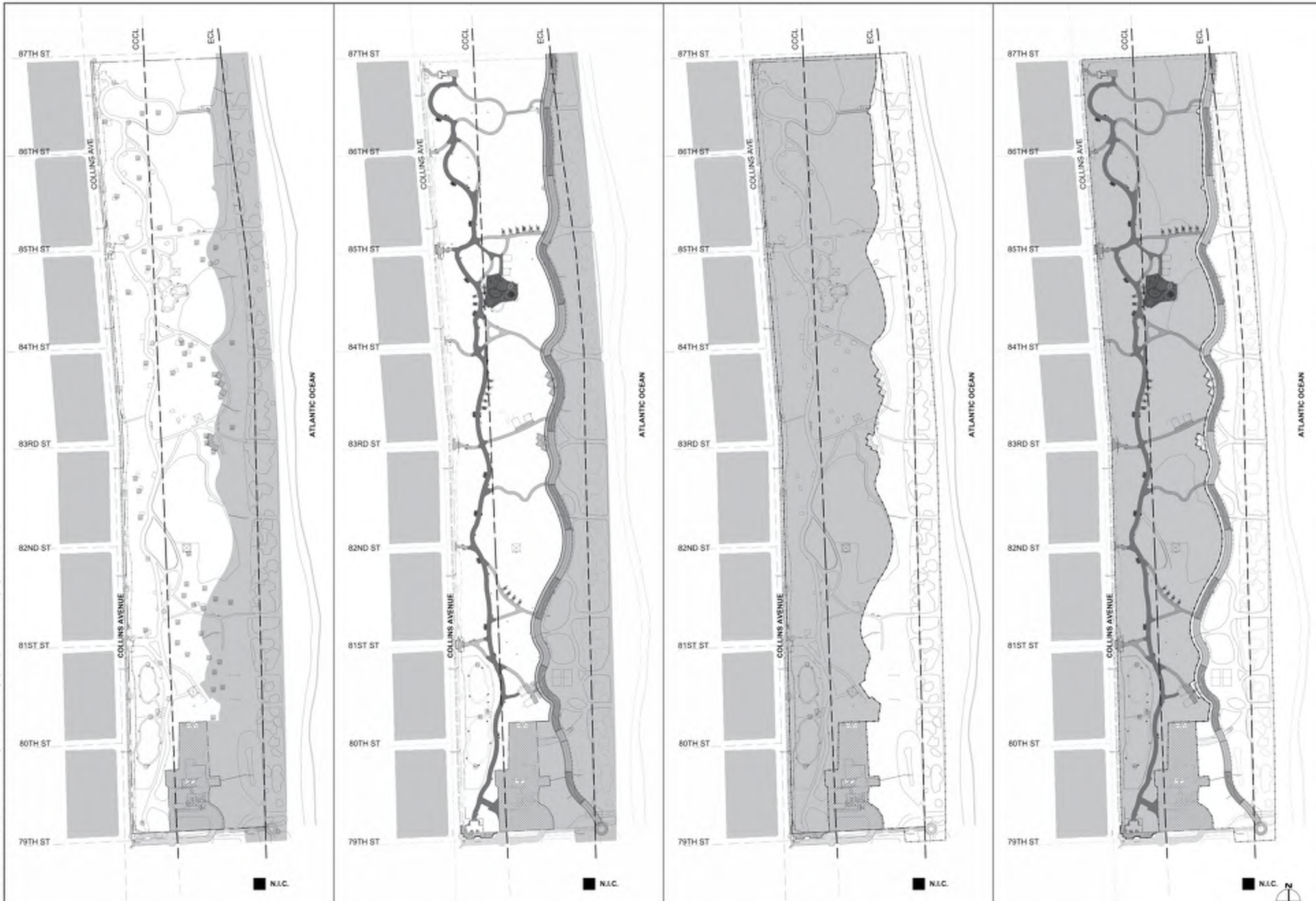
View West Lots

View 87th Terrace Beach Access Easement

View West Lots

View 8701 Collins Ave

CONTEXT - IMMEDIATE SURROUNDINGS



NOTE: AREAS SCREENED IN GRAY ARE NOT-IN-PROJECT

1A PARK PROJECT PLAN (EXISTING CONDITIONS) SCALE: 1" = 150'

1B PARK PROJECT PLAN (PROPOSED SITE) SCALE: 1" = 150'

2A BEACH WALK PROJECT PLAN (EXISTING CONDITIONS) SCALE: 1" = 150'

2B BEACH WALK PROJECT PLAN (PROPOSED SITE) SCALE: 1" = 150'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.987.7550 • Fax: 954.987.9847
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001943

GEOTECHNICAL CONSULTANT:
KUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COOK-WEEDON, PLLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROJECT MAP

SHEET NUMBER:
G-P005

NOTE:
NUMBERS SHOWN INDICATE THE LAST TWO DIGITS OF ANY CORRESPONDING PLAN-VIEW SHEET.

1 KEY MAP
SCALE: 1" = 150'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.987.7550 • Fax: 954.987.9847

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000328
ENGINEERING: 514
SURVEYING: 6731

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
FINKELSTEIN ROMANA SAFE, LLC
1600 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE BEACHWALK PROJECT
7500 ATLANTIC WAY, MIAMI BEACH, FL 33140

SEAL:
12/12/2019
TIMMY G. COON-WISSMAN, PLLC
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

SCALE:
AS SHOWN

ISSUE DATE:
11/05/2019

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
KEY MAP

SHEET NUMBER:
G-B006

NORTH SHORE OPEN SPACE PARK
BOUNDARY AND TOPOGRAPHIC SURVEY

DESCRIPTION:

All of Blocks 1, 2, 3 and 4 lying West of the Miami-Dade County Erosion Control Line (ECL) as established within this area, Together With all of Blocks 13, 14, 15 and 16, Together With all the rights-of-way lying North of the North right-of-way line of 79th Street, lying South of the North right-of-way line of 83rd Street and lying East of the East right-of-way line of Collins Avenue (S.R. A-1-A), all of the CORRECTED PLAT OF ALTOS DEL MAR NO. 7, according to the plat thereof as recorded in Plat Book 31, Page 40, of the Public Records of Miami-Dade County Florida.

TOGETHER WITH:

All of Blocks 2, 3, 4 and 5 lying West of the Miami-Dade County Erosion Control Line (ECL) as established within this area, Together With all of Blocks 6, 7, 8 and 9, Together With all the rights-of-way lying North of the North right-of-way line of 83rd Street, lying South of the South right-of-way line of 87th Street and lying East of the East right-of-way line of Collins Avenue (S.R. A-1-A), all of ALTOS DEL MAR SUBDIVISION NO. 2, according to the plat thereof as recorded in Plat Book 4, Page 162, of the Public Records of Miami-Dade County Florida.

Said lands situate within the City of Miami Beach, Miami-Dade County, Florida.

BOUNDARY & TOPOGRAPHIC SURVEY NOTES:

1. Calvin, Giordano & Associates, did not research title for this property and the plats, rights-of-way, and easements as shown hereon are per the Public Records of Miami-Dade County, Florida via the Miami-Dade County Property Appraiser's and Clerk of the Court's web sites.

2. The purpose of this Map Survey is to prepare a Boundary and Topographic Survey of North Shore Open Space Park located in the City of Miami Beach as described under Miami-Dade County parcel Folio Numbers: 02-3202-006: 0020; 0070; 0080; 0090; 0100; 0110; 0120; 0140; 0150; 0170; 0180; 0190; 0200; 0210; 0220; 0230; 0240; 0250; 0260; 0270; 0290; 0300; 0310; 0320; 0330; 0340; 0350; 0360; 0670; and 02-3202-004: 0010; 0050; 0110; 0150; 0580; 0590; 0600; 0610; 0620; 0630; 0640. All above ground improvements within the site have been located and shown hereon, underground utilities and/or foundations have not been located and CGA did not perform any potholing of underground utilities.

3. Not valid without the signature and original raised seal of a Florida Professional Surveyor & Mapper.

4. Underground improvements and/or encroachments were not located as part of this survey task.

5. Unless otherwise noted hereon, record and measured values are in substantial agreement.

6. This survey is classified as commercial/high risk and exceeds the minimum relative distance accuracy of 1 foot in 10,000 feet as per the Standards of Practice requirements Chapter 5J-17.050 through 5J-17.052 F.A.C., the accuracy obtained by measurement and calculation of a closed geometric figure was found to exceed this requirement.

7. The horizontal features shown hereon are plotted to within 1/20 of the map scale.

8. Horizontal and vertical data shown hereon was obtained utilizing a "TOPCON ES-105" Total Station and "TDS-NOMAD" Data Collection System.

9. Horizontal feature location is to the center of the symbol and may be enlarged for clarity.

10. Bearings shown hereon are assumed and referenced to the Florida Department of Transportation Right-of-Way Map Section 86060, FN. PROJ. ID. 2507471; State Road No. A-1-A (Collins Avenue) having a bearing of N 87° 05'16" E along the centerline of 79th Street.

11. The elevations shown hereon are based on North American Vertical Datum of 1988 (NAVD88) and referenced to Miami-Dade County Benchmarks, D-180, Elevation= 1.93' (NAVD88), being a PK Nail & Aluminum Washer in a concrete sidewalk next to a fire hydrant being 30 ft. South of the centerline of 81st Street and 48 ft. East of the centerline of Byron Avenue and C-313, Elevation= 6.72' (NAVD88), being a US Coast and Geodetic brass disc in the Northeast corner of a sewer pump station at the center of a parking lot, 165 ft. West of the West curb of Collins Avenue and North of 72nd Street.

12. Flood Zone Information

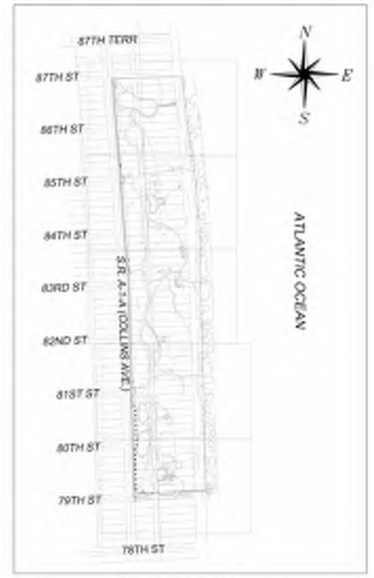
Map Number:	12086C0326L
Flood Zones:	AE (8), VE (10), VE (11), X
Community Number	120651
Panel Number	0326
Suffix	L
Dated	09-11-2009

13. Elevations Shown hereon are based on the North American Vertical Datum of 1988.

14. Miami-Dade County Erosion Control Line information obtained from the recorded maps as linked within the Land Boundary Information System (LABINS) web site as sponsored by the Florida Department of Environmental Protection (FDEP), Division of State Lands, Bureau of Survey and Mapping: Water Boundary/Erosion Control Line Index and Maps.

15. The following information as been provided by the Florida Department of Environmental Protection (FDEP), Division of State Lands, Bureau of Survey and Mapping:

Date:	8/10/2016
County:	Miami-Dade
Waterbody:	Atlantic Ocean
Project Vicinity:	North Shore Open Space Park
Sec. Twp. Rge.:	2-53S-42E
Mean High Water:	+0.33' (NAVD88)
Mean Low Water:	-2.14' (NAVD88)
Seasonal High Water Line:	+4.04' (NAVD88)



KEY SHEET MAP
NOT TO SCALE

SYMBOL LEGEND

- SIGN
- WATER VALVE
- GAS VALVE
- IRRIGATION VALVE
- FIRE HYDRANT
- WATER METER
- BACKFLOW PREVENTOR
- ELECTRIC HANDHOLE
- WOOD POST (SQUARE)
- SANITARY MANHOLE
- TRASH CAN
- WOOD POWER POLE
- CATCH BASIN
- DOG POT
- BELLSOUTH HANDHOLE
- BOLLARD
- GAS CONTAINER
- ELECTRIC METER/ RACK
- FPL TRANSFORMER PAD
- GUY ANCHOR
- PARKING METER
- CATCH BASIN
- FLAG POLE
- DRINKING WATER FOUNTAIN
- BAR-B-Q GRILL
- TRAFFIC SIGNAL HANDHOLE
- PEDESTRIAN POLE
- WASTAIN (SIGNAL)
- WATER VAULT
- OVERHEAD ELECTRIC
- FOUND PROPERTY CORNER (IS SHOWN ON SURVEY)

LEGEND

CONC	CONCRETE
CATV	CABLE TELEVISION
D.B.	DEED BOOK
NAVD	NORTH AMERICAN VERTICAL DATUM
FH	FIRE HYDRANT
FP&L	FLORIDA POWER & LIGHT
LB	LICENSED BUSINESS
MON	MONUMENT
O.R.B.	OFFICIAL RECORDS BOOK
M.D.C.R.	MIAMI DADE COUNTY RECORDS
P.B.	PLAT BOOK
PG.	PAGE
RES	RESIDENT
RCP	REINFORCE CONCRETE PIPE
R/W	RIGHT-OF-WAY
S.R.	STATE ROAD
(Typ.)	TYPICAL
(P)	PLAT RECORDS
INV.	INVERT
ASPH.	ASPHALT
E-O-P	EDGE OF PAVEMENT

CERTIFICATION:

I, Steven M. Watts, do hereby state that this Map of Boundary and Topographic Survey was done under my direct supervision and is accurate to the best of my knowledge and belief. I further state that this Map of Boundary and Topographic Survey was completed in accordance with the Standards of Practice requirements for Surveying and Mapping as stated in Rule 5J-17 of the Florida Administrative Code, pursuant to Florida Statutes Chapter 472.027.

Last Date of Field Survey: January 29, 2018

CALVIN, GIORDANO & ASSOCIATES, INC.

Signature _____
Steven M. Watts
Professional Surveyor and Mapper
Florida Registration No. 4588

811 KNOW WHAT'S BELOW. CALL BEFORE YOU DIG. 1-800-432-4770 www.callsunshine.com

DRAWN BY	CHECKED BY	FIELD BOOK	FIELD SURVEY DATE
PD/SMW	SMW	812 & 899	JAN-SEPT./2018

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 One Drive, Suite 100, Fort Lauderdale, Florida 33316
Phone: 954.987.7550 | Fax: 954.987.5657
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6711

SERVICES PROVIDED:
- LANDSCAPE ARCHITECTURE
- CIVIL ENGINEERING
- COASTAL ENGINEERING
- ELECTRICAL ENGINEERING
- SURVEYING & MAPPING
- COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
520 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYMLOYSKI ROMAN SATE, LLC
1900 ELLER DRIVE
SUITE 600
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003980

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33176
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE BEACHWALK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR & MAPPER
STEVEN M. WATTS
PSM NO. 4588
10/29/2019

REVISIONS:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

SCALE:
AS SHOWN

ISSUE DATE:
10/29/2019

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TOPOGRAPHIC SURVEY COVER

SHEET NUMBER:
V-100

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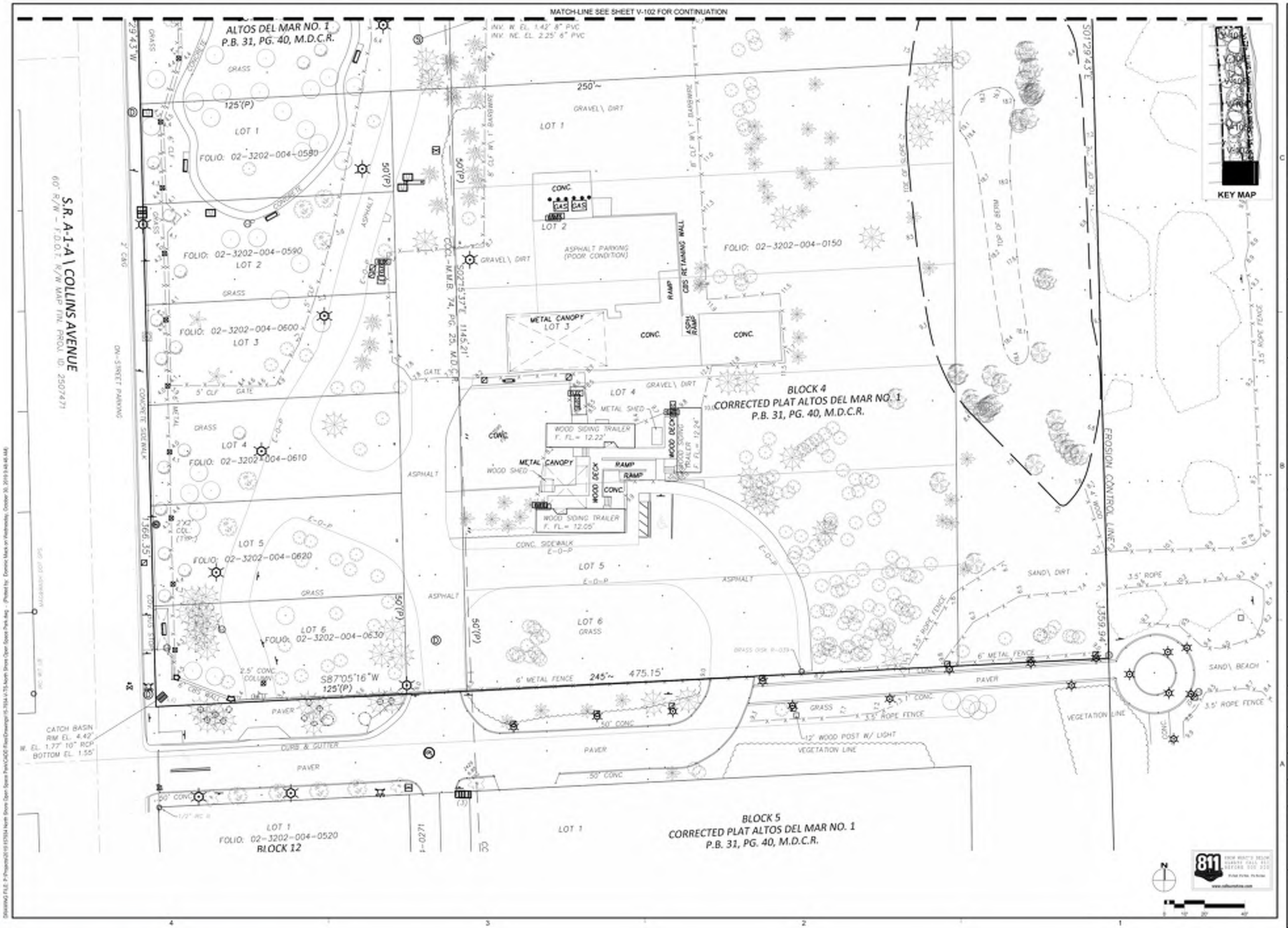


CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 One Drive, Suite 900, Fort Lauderdale, Florida 33316
Phone: 954.987.5700 Fax: 954.987.5987
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
520 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANI SATE, LLC
1680 ESLER DRIVE
SUITE 100
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003980

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 105
MIAMI, FL 33176
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE BEACHWALK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33140

SEAL:

10/29/2019

REVISIONS:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

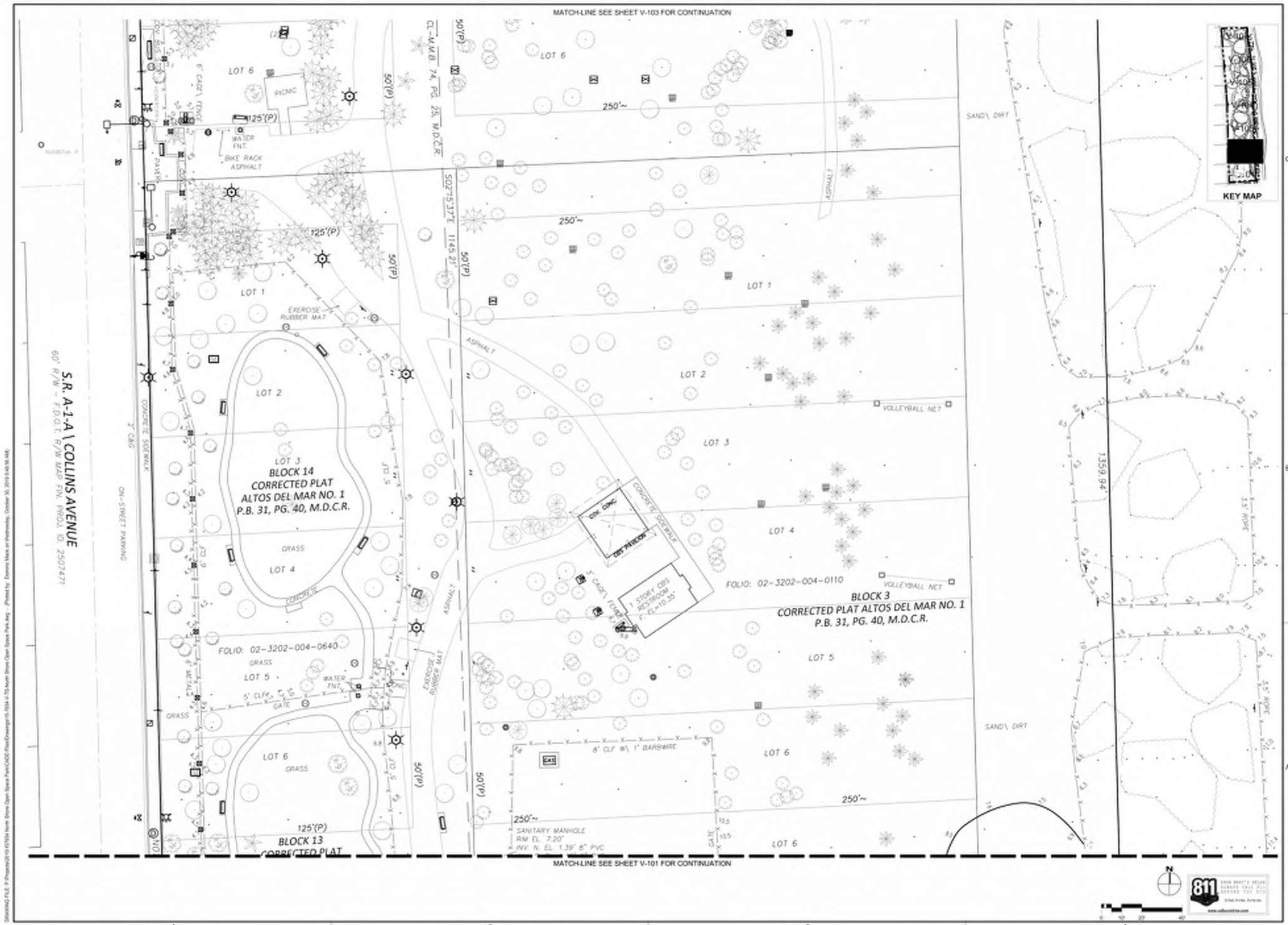
SCALE:
AS SHOWN

ISSUE DATE:
10/29/2019

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TOPOGRAPHIC SURVEY PLAN

SHEET NUMBER:
V-101



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 One Drive, Suite 900, Fort Lauderdale, Florida 33316
Phone: 954.987.5700 | Fax: 954.987.5757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
520 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYMUONYKI ROMANI SATE, LLC
1800 ELLER DRIVE
SUITE 600
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003980

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33176
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE BEACHWALK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33140

SEAL:

10/29/2019

REVISIONS:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

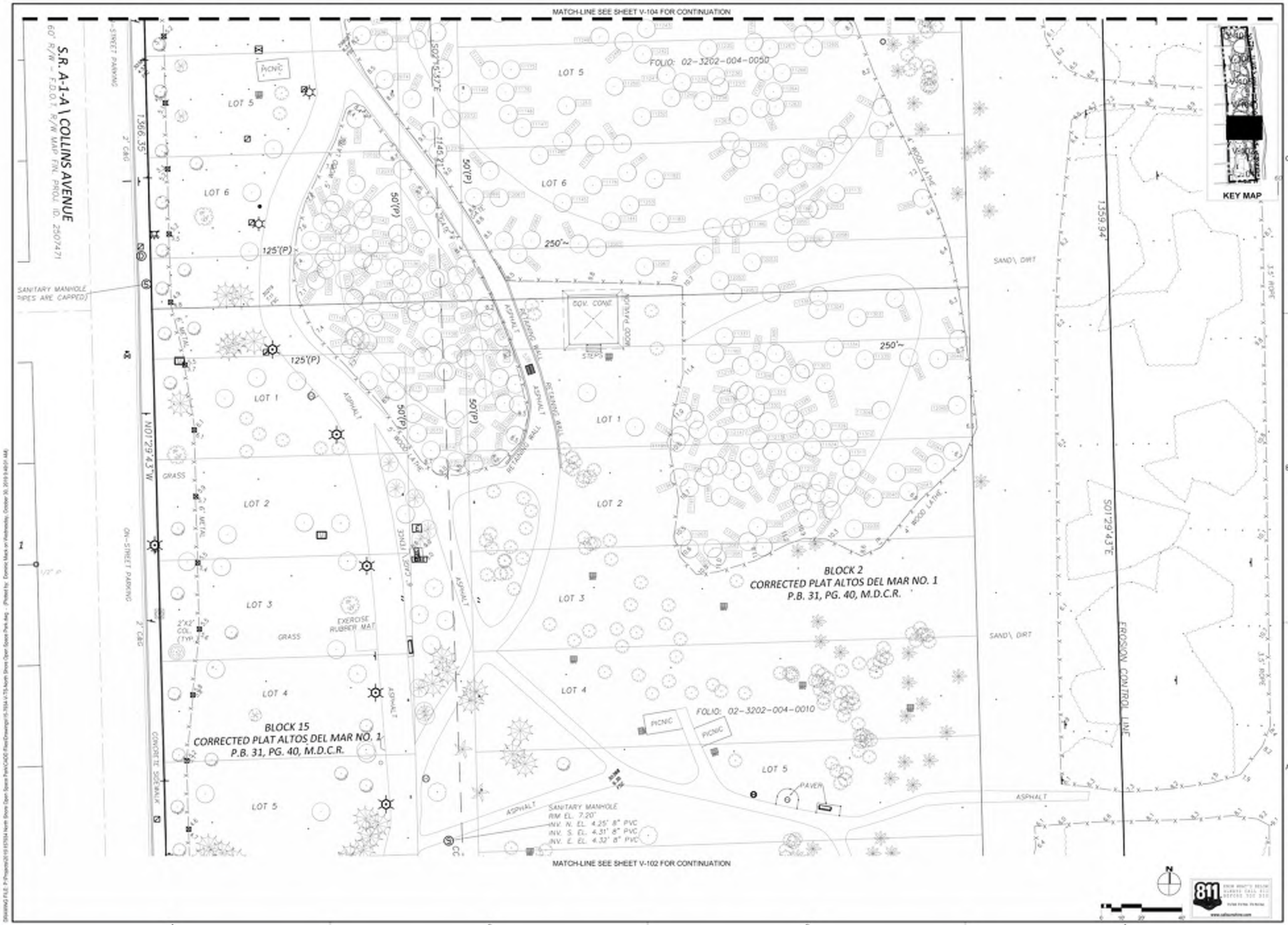
SCALE:
AS SHOWN

ISSUE DATE:
10/29/2019

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TOPOGRAPHIC SURVEY PLAN

SHEET NUMBER:
V-102



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 One Drive, Suite 900, Fort Lauderdale, Florida 33316
Phone: 954-987-7195 | www.cgainc.com
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANI SATE, LLC
1800 ELLER DRIVE
SUITE 600
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003980

GEOTECHNICAL CONSULTANT:
HETTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 105
MIAMI, FL 33176
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE BEACHWALK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33140

SEAL:

10/29/2019

REVISIONS:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

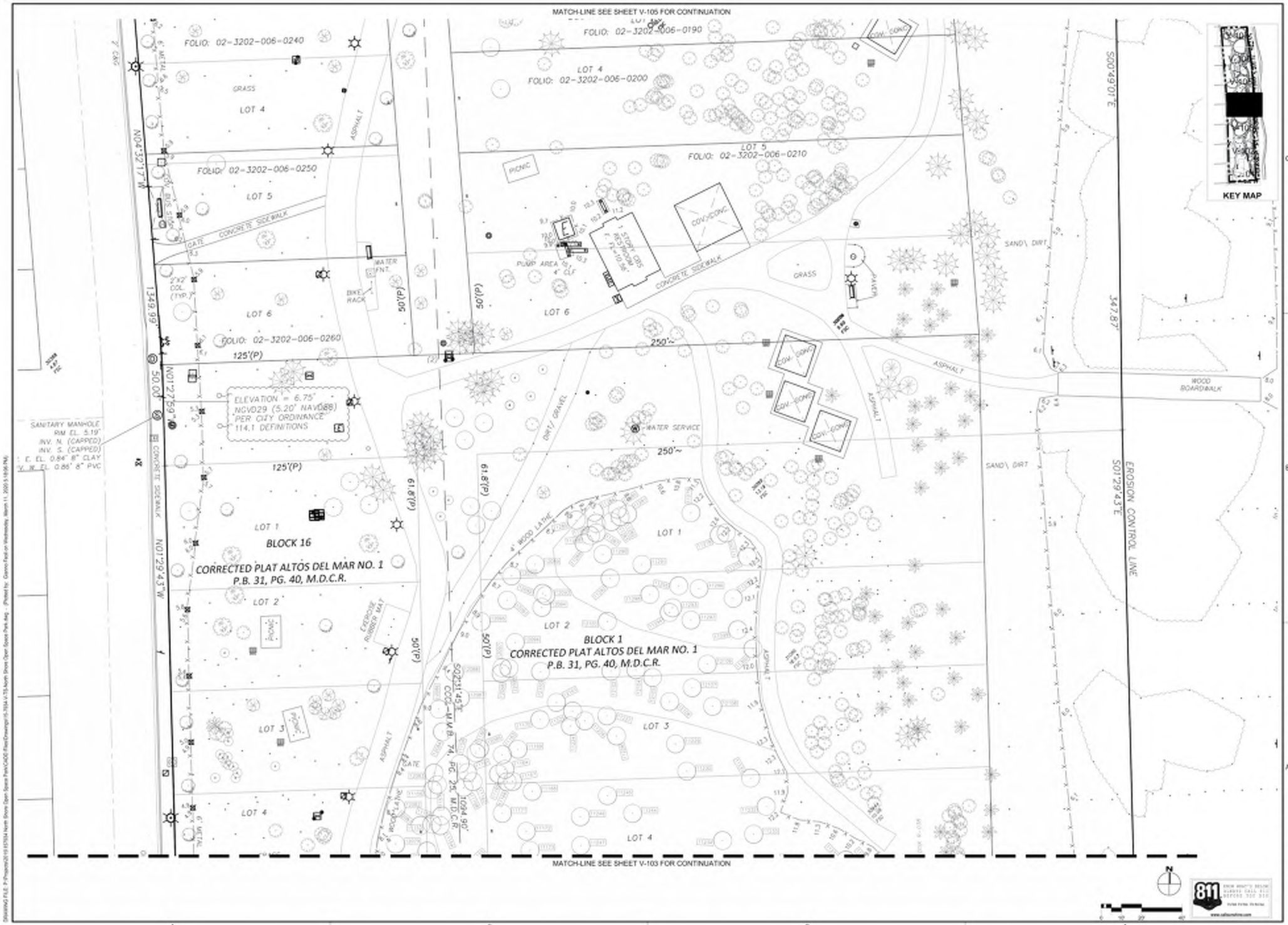
SCALE:
AS SHOWN

ISSUE DATE:
10/29/2019

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TOPOGRAPHIC SURVEY PLAN

SHEET NUMBER:
V-103



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
500 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYMLOYSKI ROMAN SATZ, LLC
1800 EILAND DRIVE
SUITE 600
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003980

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 105
MIAMI, FL 33176
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33140

SEAL:

12/13/2019

REVISIONS:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

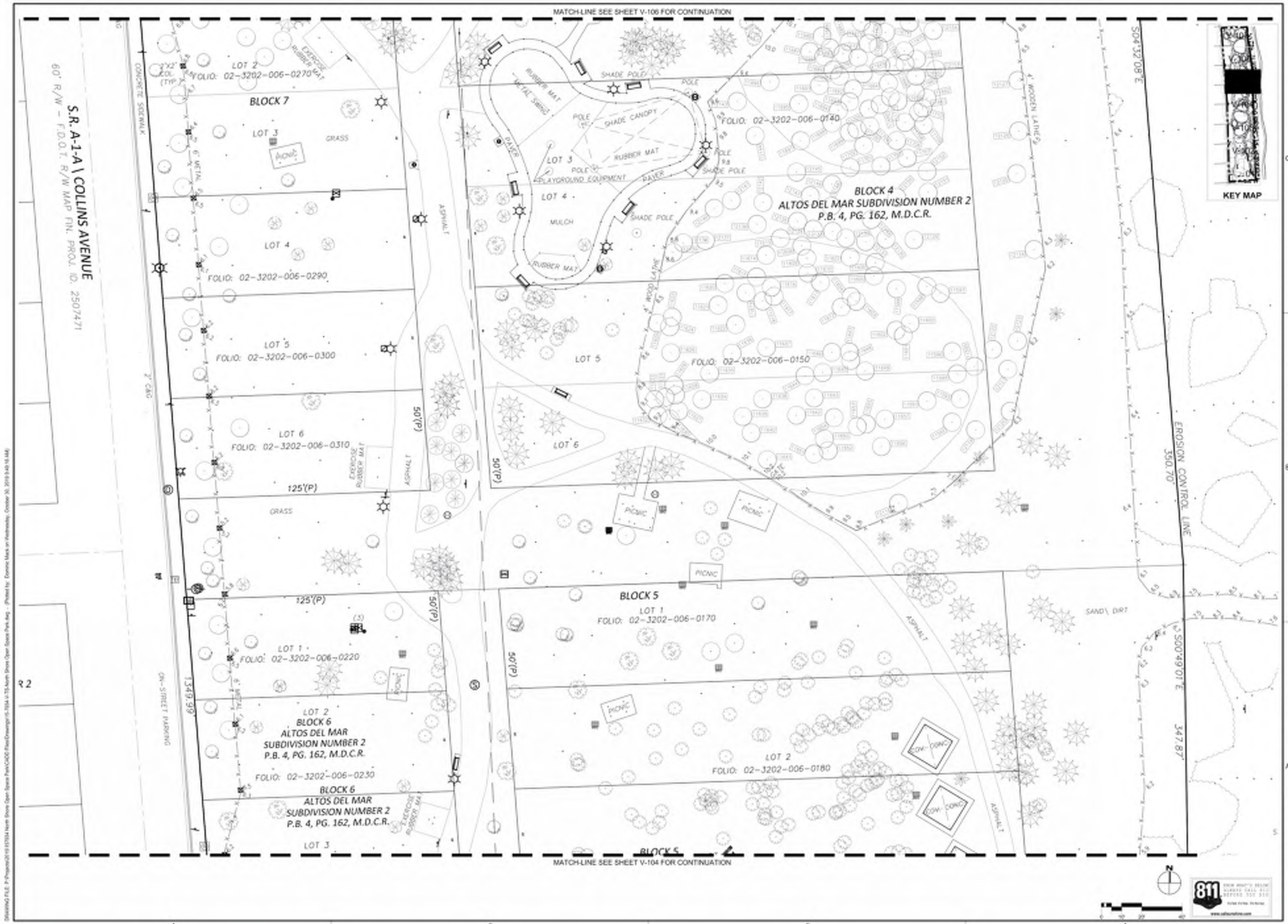
SCALE:
AS SHOWN

ISSUE DATE:
11/06/2019

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TOPOGRAPHIC SURVEY PLAN

SHEET NUMBER:
V-104



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 One Drive, Suite 800, Fort Lauderdale, Florida 33316
Phone: 954.987.7195 Fax: 954.987.5567
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
520 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANI SATE, LLC
1680 ESLER DRIVE
SUITE 60
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003980

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33176
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE BEACHWALK PROJECT

7929 ATLANTIC WAY, MIAMI BEACH, FL 33140

10/29/2019

REVISIONS

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

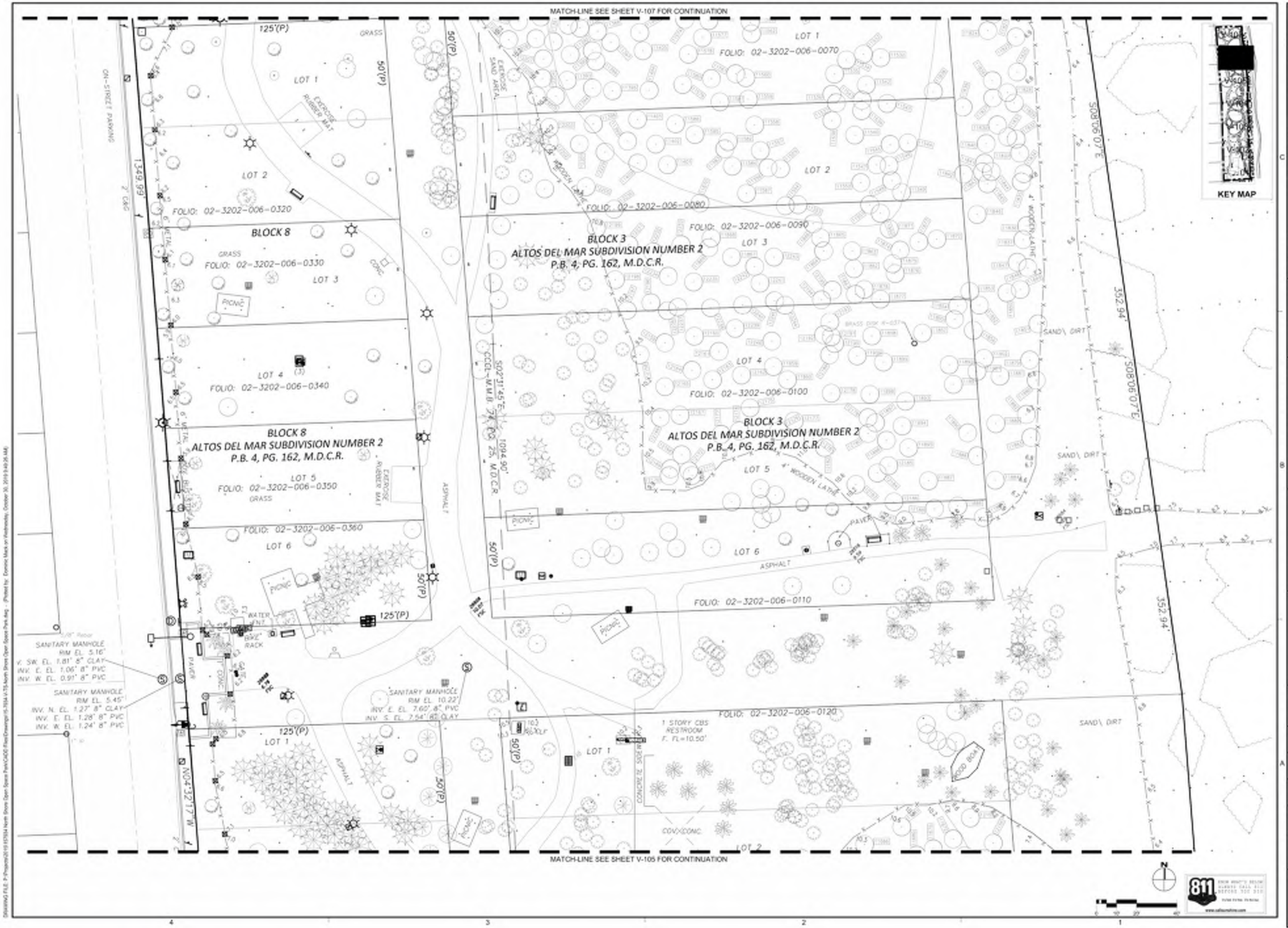
SCALE:
AS SHOWN

ISSUE DATE:
10/29/2019

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TOPOGRAPHIC SURVEY PLAN

SHEET NUMBER:
V-105



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 One Drive, Suite 900, Fort Lauderdale, Florida 33316
Phone: (954) 987-5395
Fax: (954) 987-7690 • www.cgasolutions.com
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
520 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANI SATE, LLC
1800 ELLER DRIVE
SUITE 600
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003980

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 105
MIAMI, FL 33176
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE BEACHWALK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33140

SEAL:

10/29/2019

REVISIONS:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

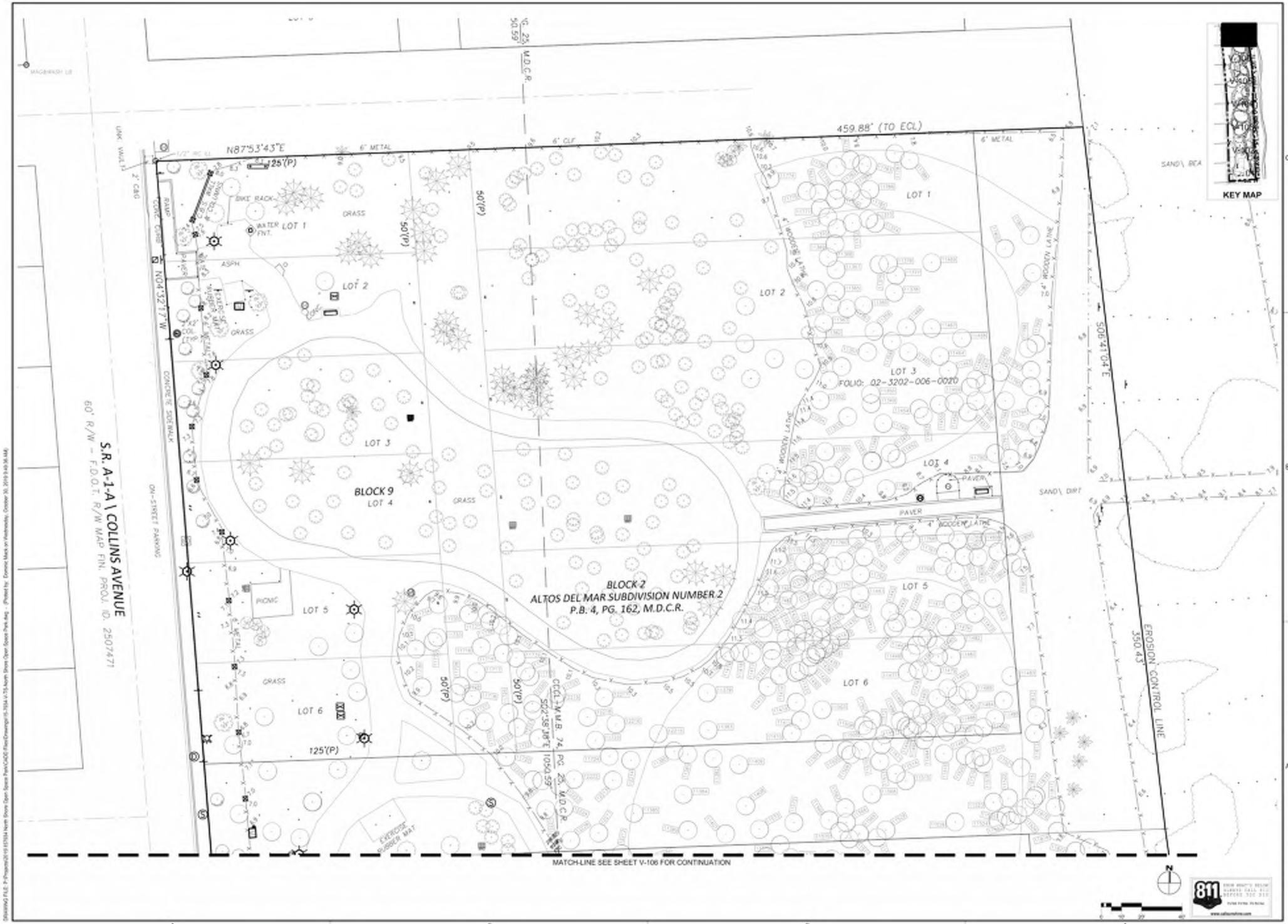
SCALE:
AS SHOWN

ISSUE DATE:
10/29/2019

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TOPOGRAPHIC SURVEY PLAN

SHEET NUMBER:
V-106



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 One Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.987.5795 Fax: 954.987.5797
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
520 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANI SATE, LLC
1680 ESLER DRIVE
SUITE 600
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003980

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33176
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE BEACHWALK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33140

SEAL:

10/29/2019

REVISIONS:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

SCALE:
AS SHOWN

ISSUE DATE:
10/29/2019

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TOPOGRAPHIC SURVEY PLAN

SHEET NUMBER:
V-107

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cypress, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY G. COON-WEBSTER, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
△1 6/7/19 ADDENDUM #5

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - PARK

SHEET NUMBER:
D-P101

MATCH LINE SEE SHEET D-103 FOR CONTINUATION

CONTRACTOR TO MODIFY EXISTING ALUM POCKET FENCE TO REMAIN CONSISTENT WITH DETAIL 02 SHEET SD-303 - TYP.
EXISTING BUS STOP TO REMAIN UNDAMAGED (TYP)
EXISTING COLUMN TO REMAIN
REMOVE EXISTING BBQ STRUCTURE AND FOOTINGS (TYP)
REMOVE EXISTING CONCRETE SLAB
REMOVE EXISTING COLUMNS AND SEGMENTS OF ALUM POCKET FENCE
EXISTING HYDRANT TO REMAIN UNDAMAGED (TYP)
REMOVE EXISTING PAVERS, PERIMETER HEADER CURBS AND EXISTING FURNISHINGS
EXISTING CONC TYPE F CURB TO REMAIN UNDAMAGED (TYP)
81ST ST
REMOVE EXISTING PAVERS AND PERIMETER CURBS WITHOUT DAMAGING ANY FOOTINGS OR COMPONENTS OF THE EXISTING MAST ARM (TYP)
REMOVE ALL EXISTING LIGHT POLE AND FIXTURE WITHOUT DAMAGE AND FURNISH TO CITY FOR REUSE
REMOVE EXISTING COLUMNS AND SEGMENTS OF ALUM POCKET FENCE
REMOVE EXISTING PAVEMENT
REMOVE EXISTING COLUMNS AND SEGMENTS OF ALUM POCKET FENCE
REMOVE ALL EXISTING LIGHT POLE AND FIXTURE WITHOUT DAMAGE AND FURNISH TO CITY FOR REUSE
EXISTING COLUMN TO REMAIN
EXISTING CHAIN LINK FENCE TO BE REMOVED
CONSTRUCTION FENCE (TYP.)
CONTRACTOR TO MODIFY EXISTING ALUM POCKET FENCE TO REMAIN CONSISTENT WITH DETAIL 02 SHEET SD-303 - TYP
EXISTING CHAIN LINK FENCES AND GATES TO BE REMOVED
REMOVE ALL EXISTING LIGHT POLE AND FIXTURE WITHOUT DAMAGE AND FURNISH TO CITY FOR REUSE
ALL EXISTING COLUMNS TO REMAIN UNLESS OTHERWISE STATED (TYP)
COLLINS AVE
DOG PARK
REMOVE ALL EXISTING LIGHT POLE AND FIXTURE WITHOUT DAMAGE AND FURNISH TO CITY FOR REUSE
EXISTING CHAIN LINK FENCE AND GATES TO BE REMOVED
LIMIT OF WORK BOUNDARY DEFINED BY BACK-OF-SIDEWALK (TYP)
PERIMETER CONCRETE SIDEWALKS WITHIN FENCED-IN AREA TO REMAIN (TYP)
REMOVE ALL EXISTING LIGHT POLE AND FIXTURE WITHOUT DAMAGE AND FURNISH TO CITY FOR REUSE
CONTRACTOR TO MODIFY EXISTING ALUM POCKET FENCE TO REMAIN CONSISTENT WITH DETAIL 02 SHEET SD-303 - TYP.
EXISTING CHAIN LINK FENCES AND GATES TO BE REMOVED
CONTRACTOR TO SAW-CUT EXISTING WALKWAY WITH A METAL STRAIGHT EDGE
EXISTING CHAIN LINK FENCE TO BE REMOVED
PERIMETER CONCRETE SIDEWALKS WITHIN FENCED-IN AREA TO REMAIN (TYP)
REMOVE EXISTING BENCH AND FOOTING
DOG PARK
REMOVE CHAIN LINK FENCE
COASTAL CONSTRUCTION CONTROL LINE
REMOVE EXISTING LIGHT POLE AND FIXTURE WITHOUT DAMAGE AND FURNISH TO CITY FOR REUSE
REMOVE EXISTING BBQ STRUCTURE AND FOOTINGS
EXISTING ASPHALT WALKWAY
REMOVE EXISTING PAVEMENT
REMOVE EXISTING BBQ STRUCTURE AND FOOTINGS (TYP)
REMOVE EXISTING PAVEMENT
REMOVE EXISTING PAVEMENT
EXISTING CONCRETE PAVILION TO REMAIN
REMOVE EXISTING WALKWAY UP TO PAVILION, PAVILION CONC SLAB AND FOOTINGS SHALL NOT BE DAMAGED
REMOVE EXISTING PAVEMENT
REMOVE EXISTING WALKWAY UP TO PAVILION, PAVILION CONC SLAB AND FOOTINGS SHALL NOT BE DAMAGED
EXISTING RESTROOM FACILITY TO REMAIN
REMOVE EXISTING WALKWAY UP TO BLDG FACADE, FACADE AND FOOTINGS SHALL NOT BE DAMAGED
REMOVE EXISTING WALKWAY UP TO BLDG FLOOR SLAB, SLAB SHALL NOT BE DAMAGED. IF NO EXP JT IS PRESENT, CONTRACTOR SHALL SAWCUT WITH A METAL EDGE AT BLDG THRESHOLD
EXISTING PERIMETER FENCE AROUND MAINTENANCE YARD TO REMAIN UNDAMAGED
JOINT-USE MAINTENANCE YARD N.I.C
REMOVE EXISTING BBQ STRUCTURE AND FOOTINGS
REMOVE EXISTING BBQ STRUCTURE AND FOOTINGS
CONSTRUCTION FENCE (TYP.)
REMOVE EXISTING PAVEMENT
REMOVE EXISTING BBQ STRUCTURE AND FOOTINGS
REMOVE EXISTING BBQ STRUCTURE AND FOOTINGS
REMOVE EXISTING VOLLEYBALL NET, POSTS AND FOOTINGS
REMOVE EXISTING BBQ STRUCTURE AND FOOTINGS
REMOVE EXISTING BBQ STRUCTURE AND FOOTINGS
REMOVE EXISTING VOLLEYBALL NET, POSTS AND FOOTINGS
EROSION CONTROL LINE
REMOVE POST-AND-ROPE FENCE
VEGETATED DUNE AREA
N.I.C.
DID POST-AND-ROPE FENCE REMOVAL
LOOSE SAND AREA
BEGIN POST-AND-ROPE FENCE REMOVAL
REMOVE POST-AND-ROPE FENCE
VEGETATED DUNE AREA
DID POST-AND-ROPE FENCE REMOVAL
BEGIN POST-AND-ROPE FENCE REMOVAL
VEGETATED DUNE AREA
REMOVE POST-AND-ROPE FENCE
EROSION CONTROL LINE
KEY MAP
D-101
D-102
D-103
D-104
D-105
D-106
D-107
INDICATES IMPROVEMENTS TO BE REMOVED
MATCH LINE SEE SHEET D-101 FOR CONTINUATION

02 SITE DEMOLITION PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.987.7550 • Fax: 954.987.9847
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
KUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

8/14/2020
FABIAN D. COON-MEDINA, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 6/7/19 ADDENDUM #5

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

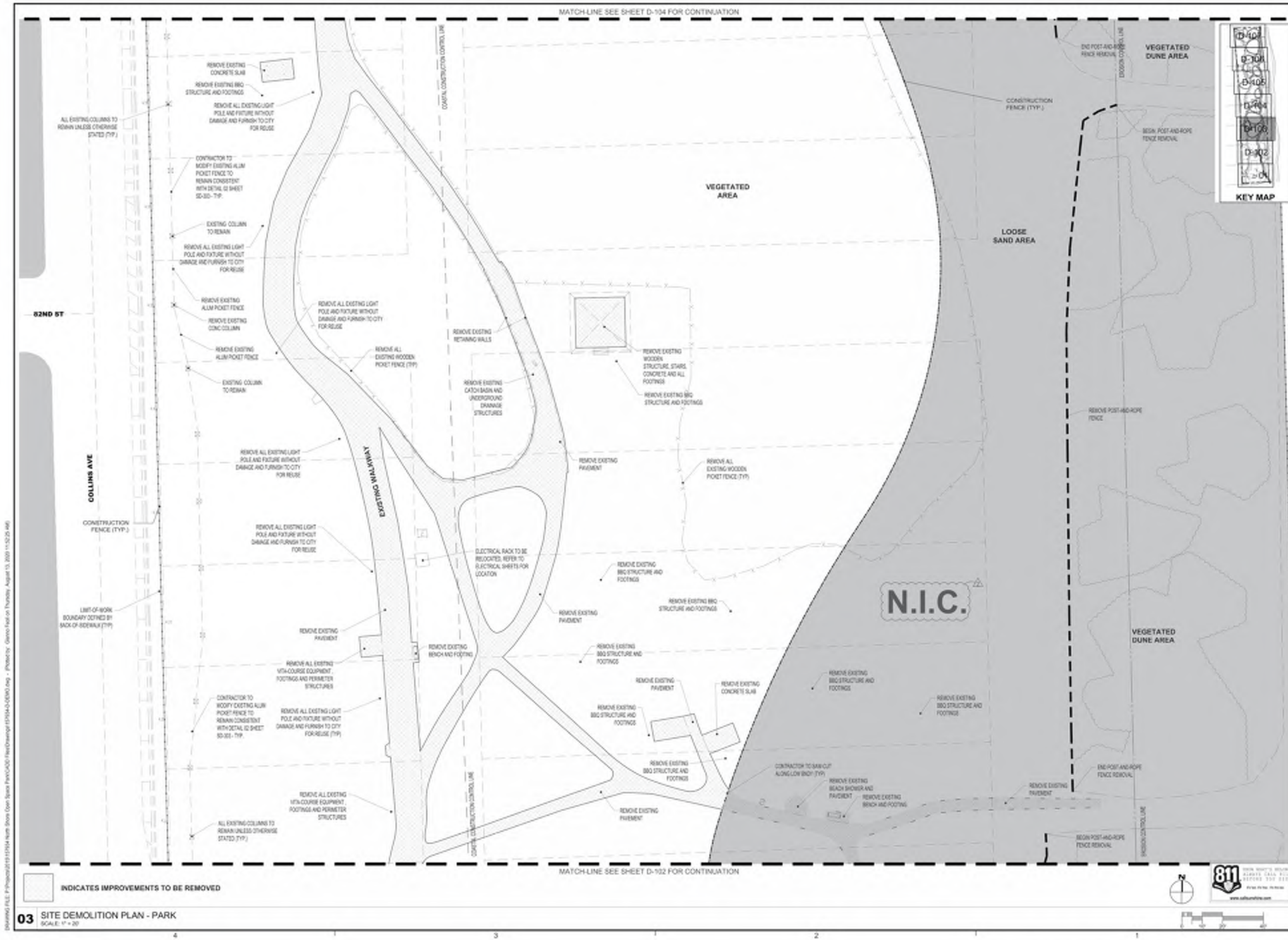
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - PARK

SHEET NUMBER:
D-P102



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cypress, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1680 ULLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940
GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33176
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
FABIAN D. COON-MEDINA, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 6/7/19 ADDENDUM #5

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

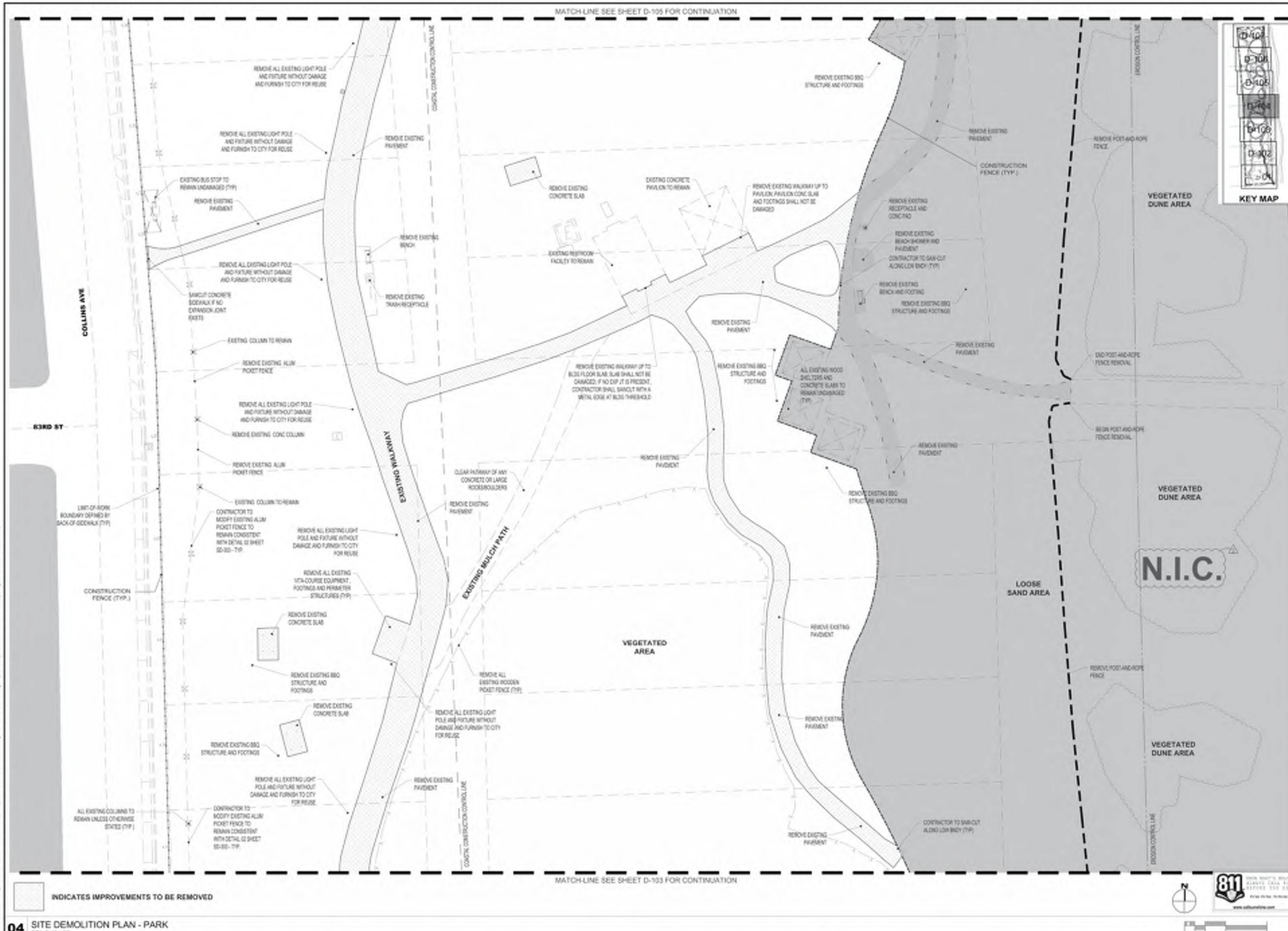
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - PARK

SHEET NUMBER:
D-P103



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC00000339
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
GEOTECHNICAL CONSULTANT:

NORTH BEACH OCEANSIDE PARK PROJECT
7929 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020

REVISIONS:
1 6/7/19 ADDENDUM #5

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

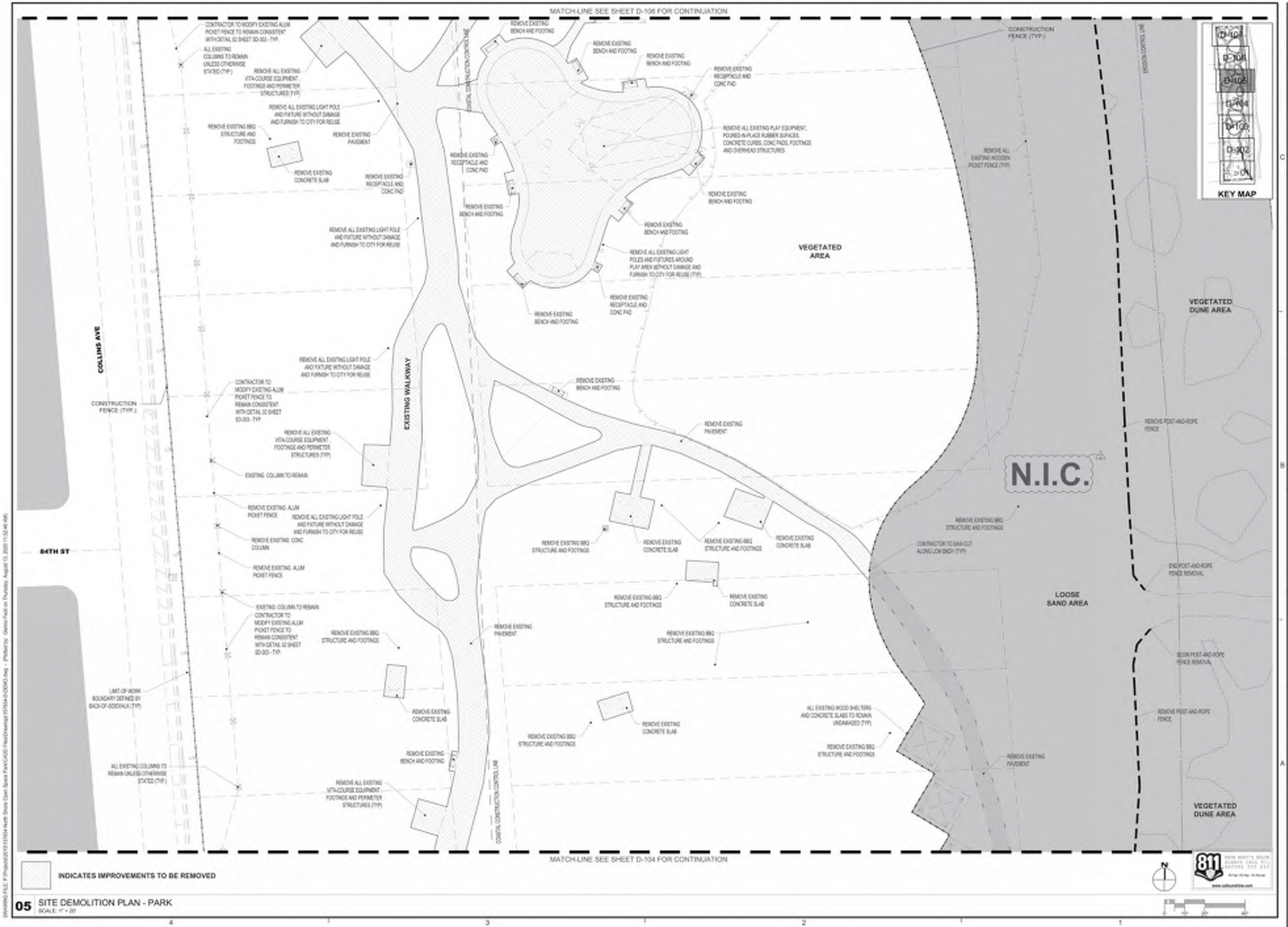
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - PARK

SHEET NUMBER:
D-P104



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1st Ave, Suite 600, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6647
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ISLER DRIVE
SUITE 100
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY G. COOK-WEEDON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No.1326

REVISIONS:
1 6/7/19 ADDENDUM #5

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

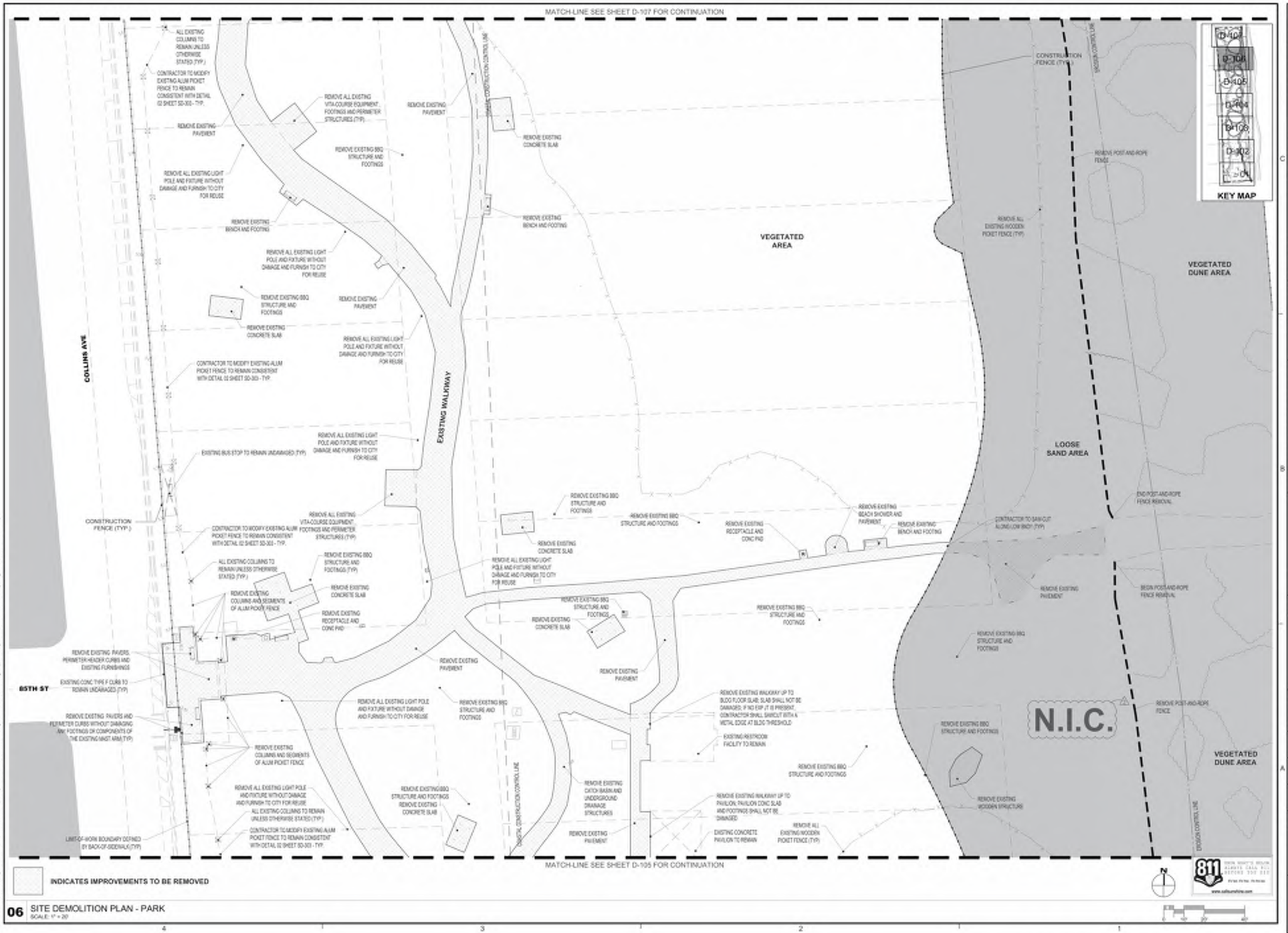
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - PARK

SHEET NUMBER:
D-P105



06 SITE DEMOLITION PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1st Ave, Suite 600, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.8807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
KUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COON-WEESNER, PLLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:
△3 6/7/19 ADDENDUM #5

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - PARK

SHEET NUMBER:
D-P106

87TH ST

COLLINS AVE

86TH ST

EXISTING WALKWAY

VEGETATED AREA

VEGETATED DUNE AREA

N.I.C.

KEY MAP

MATCH LINE SEE SHEET D-106 FOR CONTINUATION

INDICATES IMPROVEMENTS TO BE REMOVED

07 SITE DEMOLITION PLAN - PARK

SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cities, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ULLOA DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
KITTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33176
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TAMMY D. COON-WEBSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE NO. 1326

REVISIONS:
△ 6/7/19 ADDENDUM #5

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - PARK

SHEET NUMBER:
D-P107

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.987.7550 • Fax: 954.987.9847
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000328
ENGINEERING: 514
SURVEYING: 6750
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1900 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY G. COON-WEEDON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - BEACHWALK

SHEET NUMBER:
D-B101

02 SITE DEMOLITION PLAN - BEACHWALK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ELLER DRIVE
SUITE 600
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003960

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7100 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY D. COON-MISSION, R.L.A.
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1245

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

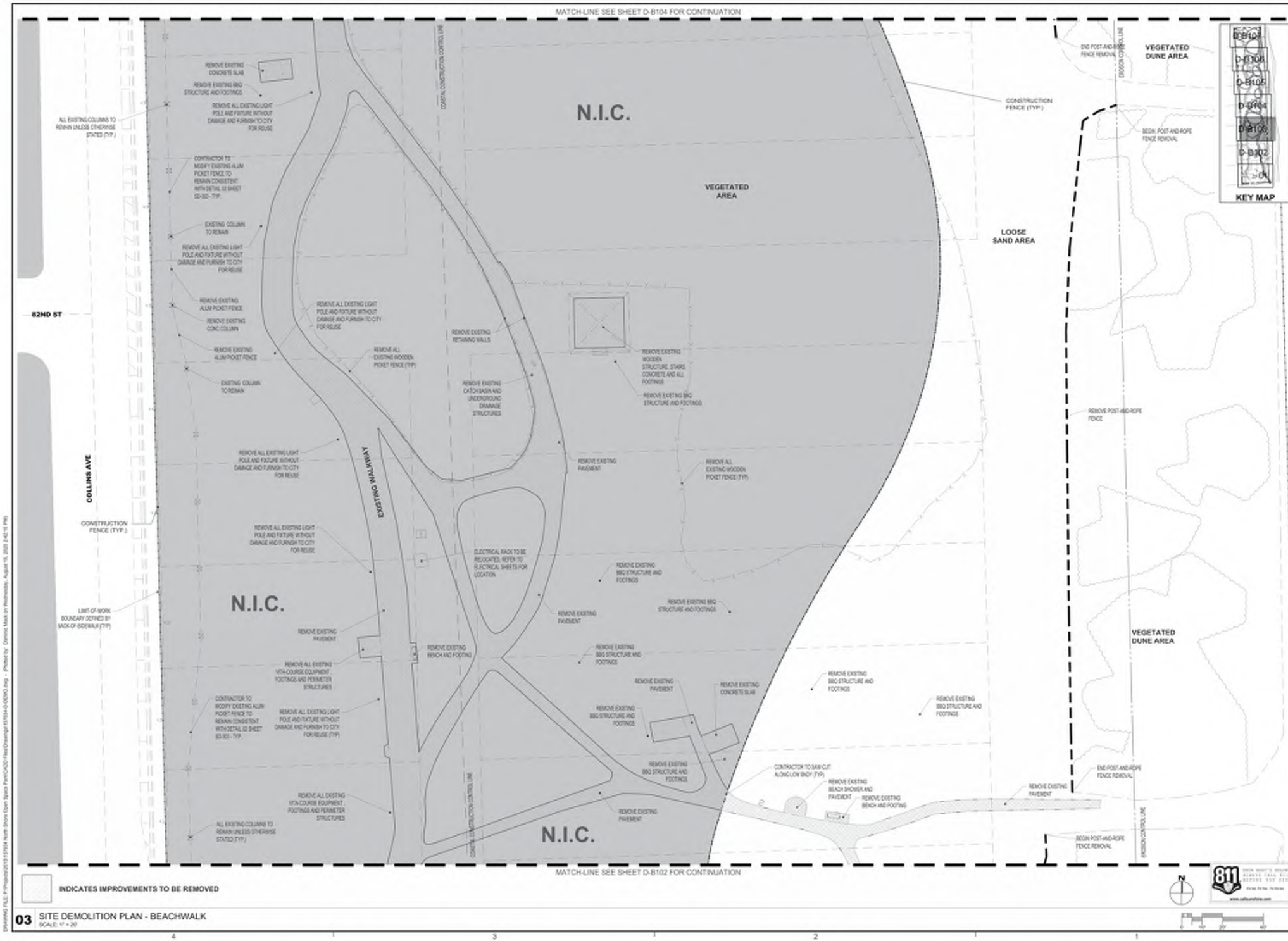
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - BEACHWALK

SHEET NUMBER:
D-B102



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cove, Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000028
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1680 ULLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940
GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COON-WEISSON, PLLC
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

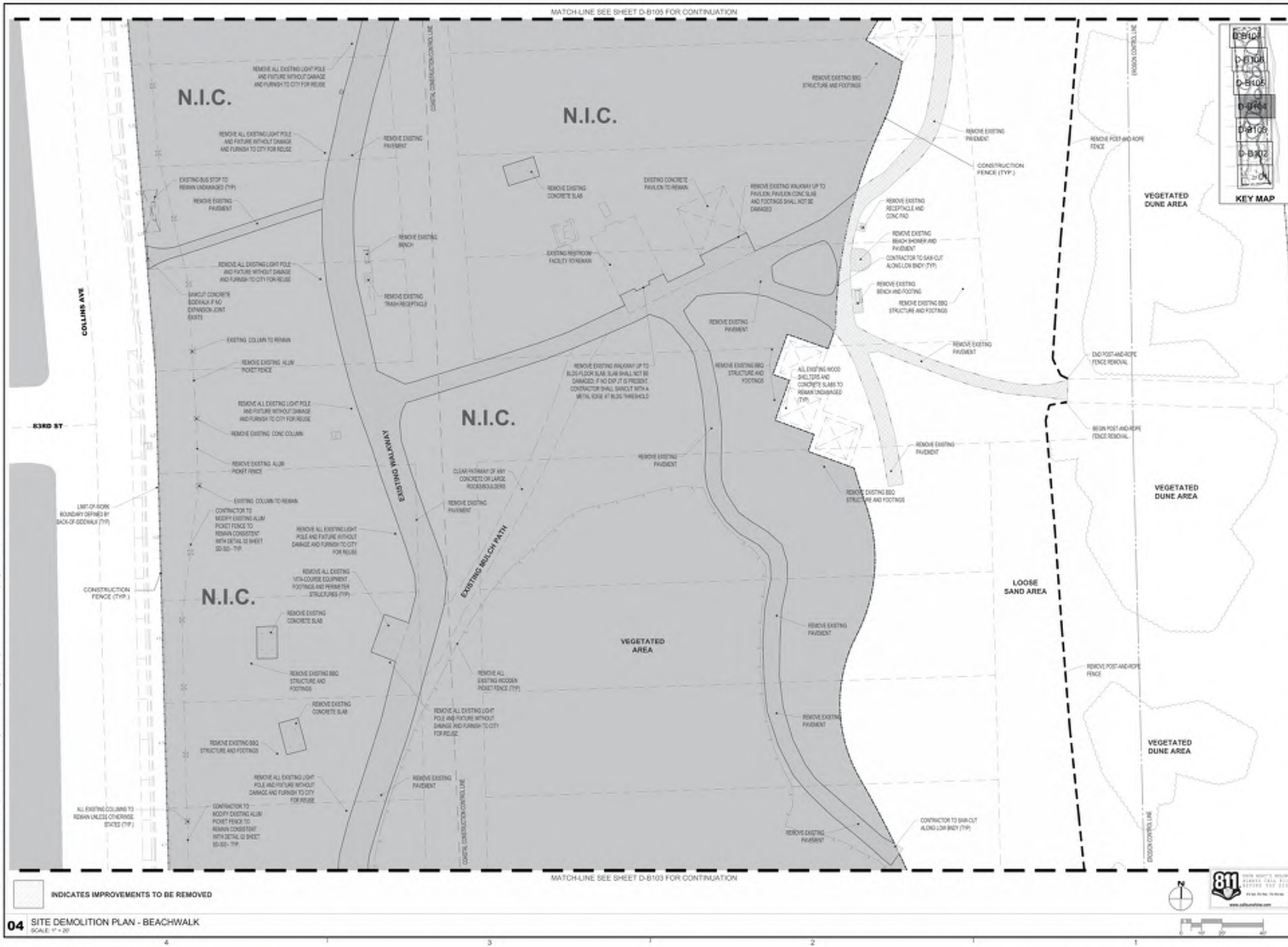
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - BEACHWALK

SHEET NUMBER:
D-B103



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cypress, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000028
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ISLER DRIVE
SUITE 550
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940
GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7100 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY D. COON, PRINCIPAL, PLLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1246

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - BEACHWALK

SHEET NUMBER:
D-B104

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1 Street, Suite 600, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000328
ENGINEERING: 514
SURVEYING: 6731
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7100 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY G. COON-WEDDON, PLLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - BEACHWALK

SHEET NUMBER:
D-B105

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
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1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
303 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1960 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
2501 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7100 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY D. COON-MISSION, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1426

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

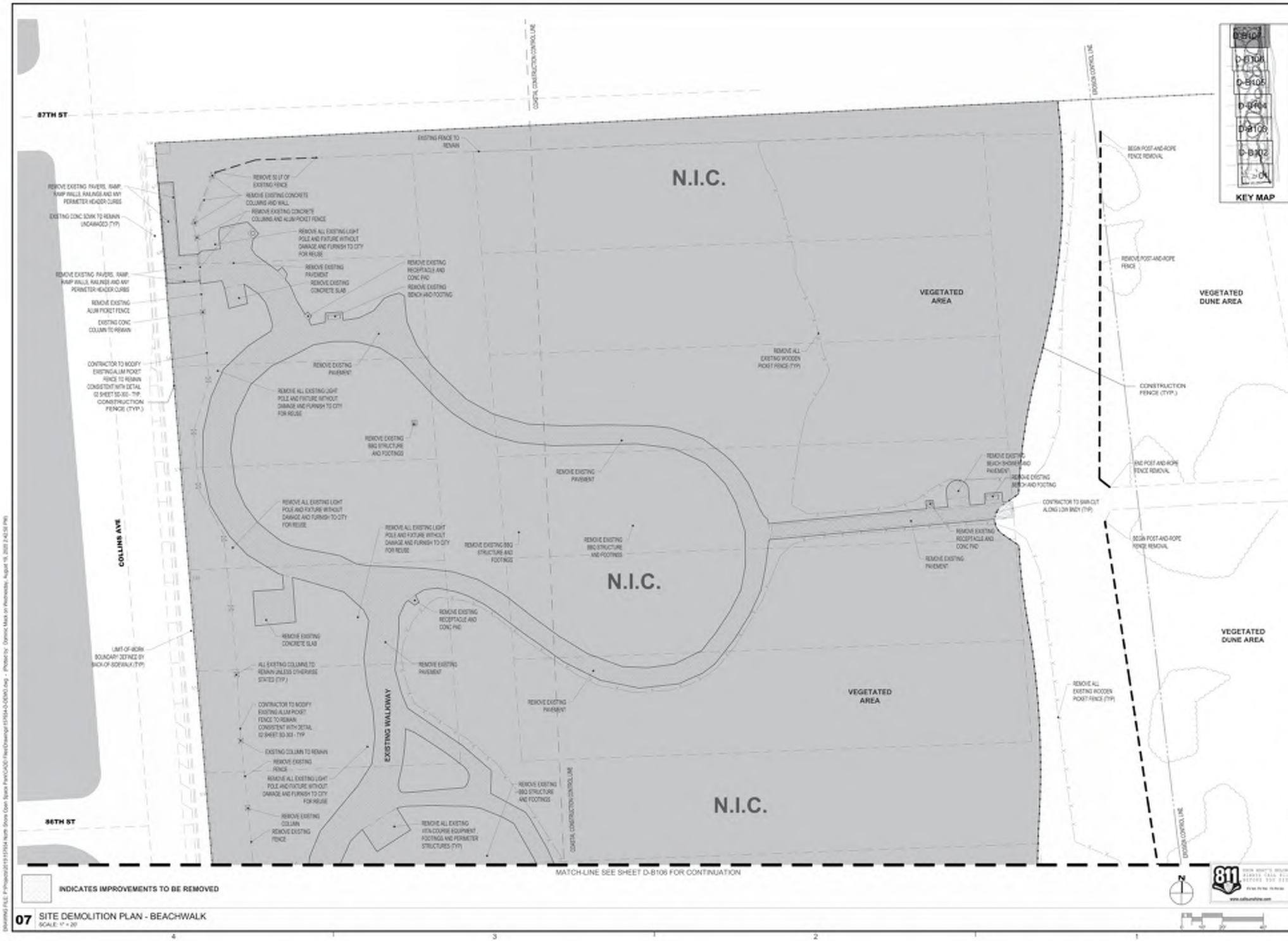
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - BEACHWALK

SHEET NUMBER:
D-B106



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cinco, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6947
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000529
ENGINEERING: 514
SURVEYING: 6731
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TIMMY D. COOK-WISSMAN, PLLC
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1246

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE DEMOLITION PLAN - BEACHWALK

SHEET NUMBER:
D-B107

Overall Site Plan Rendering

NOTES:

1. WHEN NEW PAVEMENT IS PLACED AGAINST EXISTING PAVEMENT, SAW-CUT WITH A METAL EDGE AT NEAREST EXISTING JOINT AT CONCRETE PAVING AND INSTALL NEW SURFACE GRADE SMOOTH AND FLUSH.
2. ALL EXISTING TREES TO BE RETAINED SHALL BE PROTECTED AT THE TREE PROTECTION ZONE (TPZ) BY A FENCE AS SPECIFIED. ALL EXCAVATION WITHIN THE TPZ SHALL BY DONE BY HAND AND SHALL BE CONTINUOUSLY SUPERVISED BY A CERTIFIED ARBORIST AT ALL TIMES.
3. NATURAL CONCRETE TO BE FIBER MESH REINFORCED.
4. CONTRACTOR TO PROVIDE SURVEYED SITE LAYOUT SERVICES THROUGHOUT CONSTRUCTION PHASES. LANDSCAPE ARCHITECT TO PROVIDE CADD FILES TO BE USED AS A BASIS.

SITE PLAN HATCHES KEY

PARK

- CONCRETE
- OOLITE BOULDER
- POURED IN PLACE (PIP) RUBBERIZED SURFACING
- PLANTING
- CENTER LINE
- HEADER CURB
- HEADER CURB CENTER LINE
- PAVER BOUNDARY
- CONCRETE BENCH BOUNDARY

VENDOR CONTACT INFORMATION SCHEDULE

Item Description	QTY	Manufacturer	Rep/Vendor	Contact Person	Address	Telephone	Fax	Email
Receptacle - 17099, 45G	114	MAX-R	The Prestwick Group, Inc.	Jen Krall		800-5057926 x 1226		jkrall@prestwick-group.com
Ultimate Pet Waste System (Pooch Post)	6	City Maintenance Supply	DP-1003-L	Robyn	6725 NW 19th TERR, Fort Lauderdale, FL 33309	954-968-4554	954-968-6554	citysupply@bellsouth.net
Water Fountain with Pet Fountain	2	Most Dependable Fountains	Most Dependable Fountains		5705 Commander Drive | Arlington, TN 38002	901-867-0039	901-867-4008	
Water Fountain with Remote Chiller	9	Most Dependable Fountains	Most Dependable Fountains		5705 Commander Drive | Arlington, TN 38002	901-867-0039	901-867-4008	
Bike Rack	24	Graber Manufacturing, Inc.	Graber Manufacturing, Inc.	Headquarters	1080 Urbek Drive, Waunakee, WI 53597	800-448-7831		sales@madrax.com
Picnic Table - Air-A Bench Model	17	ID Metalco, Inc.	Power & Lighting Systems, Inc.	Sheryl Breze	3832 Shipping Avenue, Miami, FL 33146	786-574-8109		sbreze@p-ls.com
Ari Stix 6' Flat Bench	22	ANOVA Furnishings	ANOVA Furnishings | South Florida	Manuel Gil-Goodin	211 North Lindbergh Blvd. Suite 200, St. Louis, MO 63141	786-385-7101		manuel.g@anovafurnishings.com
Major Gateway: Models FC201, FC202	4	Fine Concrete	Fine Concrete	Nicole Sherman	1565 Avon St. Ext., Charlottesville, VA 22902	434-242-7536		studio@fineconcrete.com
Minor Gateway: Models FC301A, FC301B	4	Fine Concrete	Fine Concrete	Nicole Sherman	1565 Avon St. Ext., Charlottesville, VA 22902	434-242-7536		studio@fineconcrete.com
Aluminum Picket Fence	-	Ameristar	Ameristar		1555 N. Mingo, Tulsa, OK 74116	1-888-333-3422		
Aluminum Picket Gate	10	Ameristar	Ameristar		1555 N. Mingo, Tulsa, OK 74116	1-888-333-3422		
BBQ Rack - Grill 21 Model	57	DuMor	Rep Services, Inc.	Jessica Lieberman	902 Waterway Place, Longwood, FL 32750	954-399-8271		jlieberman@repservices.com
Pavers	-	Belgard	Old Castle					
Playground Climbing Structures	2	Richter	APE Studios	Sarah Braginsky	246 5th Avenue, New York, NY 10001	212-213-6636		sbraginsky@apeoriginal.com
Playground Free Standing Structures	6	Kompan	Kompan	Oscar Lopez		305-542-7063		osclop@kompan.com
PIP Rubberized Surface	-	Sport Surface Specialties	Kompan	Oscar Lopez		305-542-7063		osclop@kompan.com
Bollard - RB6460	12	RELIANCE FOUNDRY	RELIANCE FOUNDRY		Unit 207, 6450 - 148 Street, Surrey, BC V3S 7G7, Canada	1-877-789-3245		info@reliance-foundry.com
Playground Shade Structure	2							
Vitacourse	10	Greenfields Outdoor Fitness	Greenfields Outdoor Fitness	Headquarters		866-315-9037		info@greenfieldsfitness.com

NOTE: NO EXCEPTIONS SHALL BE ALLOWED

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6731
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANI SAFE, LLC
1600 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TIMMY D. COON-MISSION, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE NO. 1326

REVISIONS:
6/7/19 ADDENDUM #5
8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE LAYOUT NOTES & SCHEDULES

SHEET NUMBER:
SP-P100

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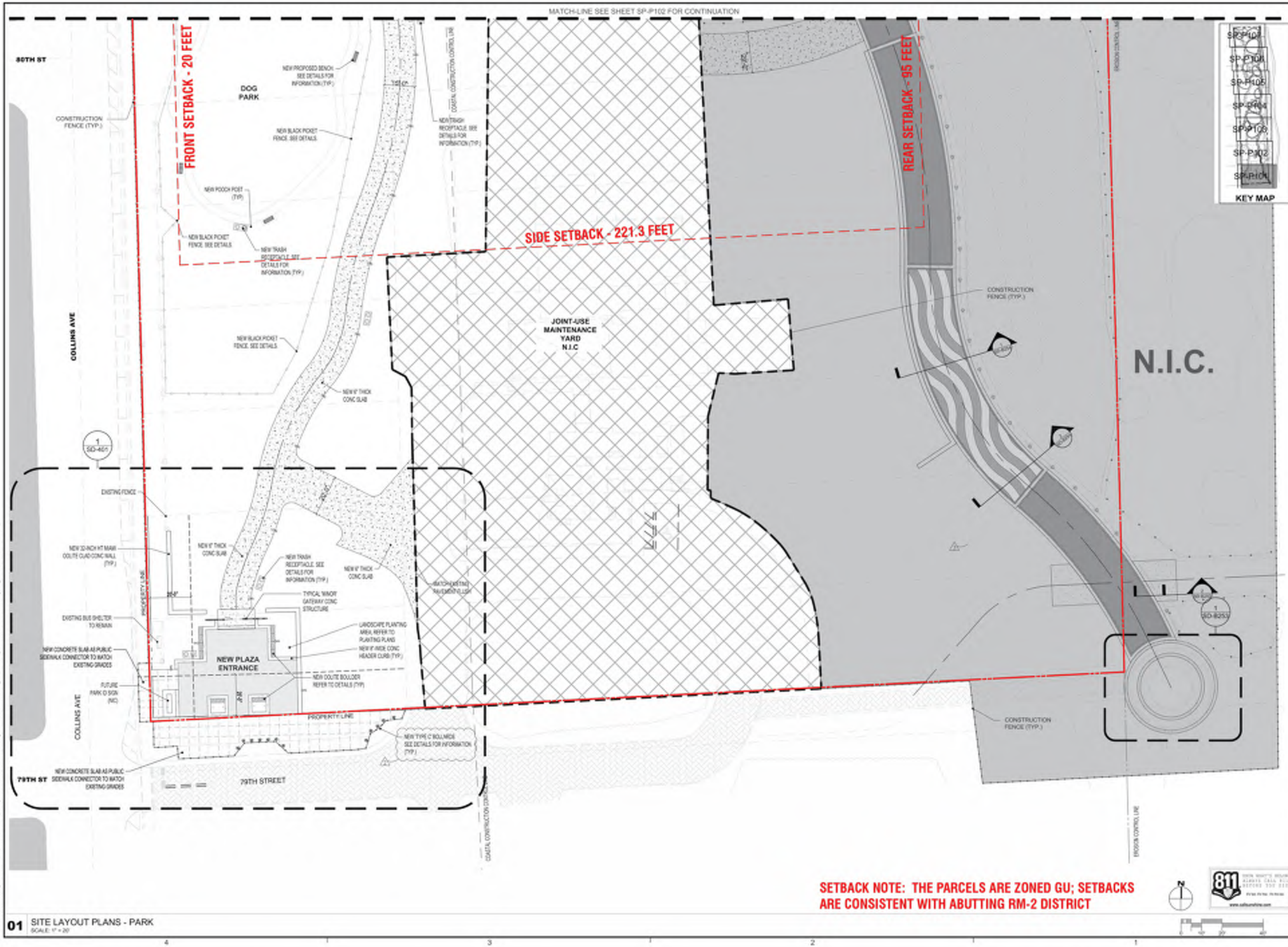
SITE PLAN - PARK PHASE - NOTES, HATCH AND VENDOR SCHEDULE



01 SITE LAYOUT PLANS - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003960

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TAMMY D. COON-WEBSTER, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:
1 6/7/19 ADDENDUM #5
2 6/12/19 ADDENDUM #6
3 8/14/20 REDESIGN PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

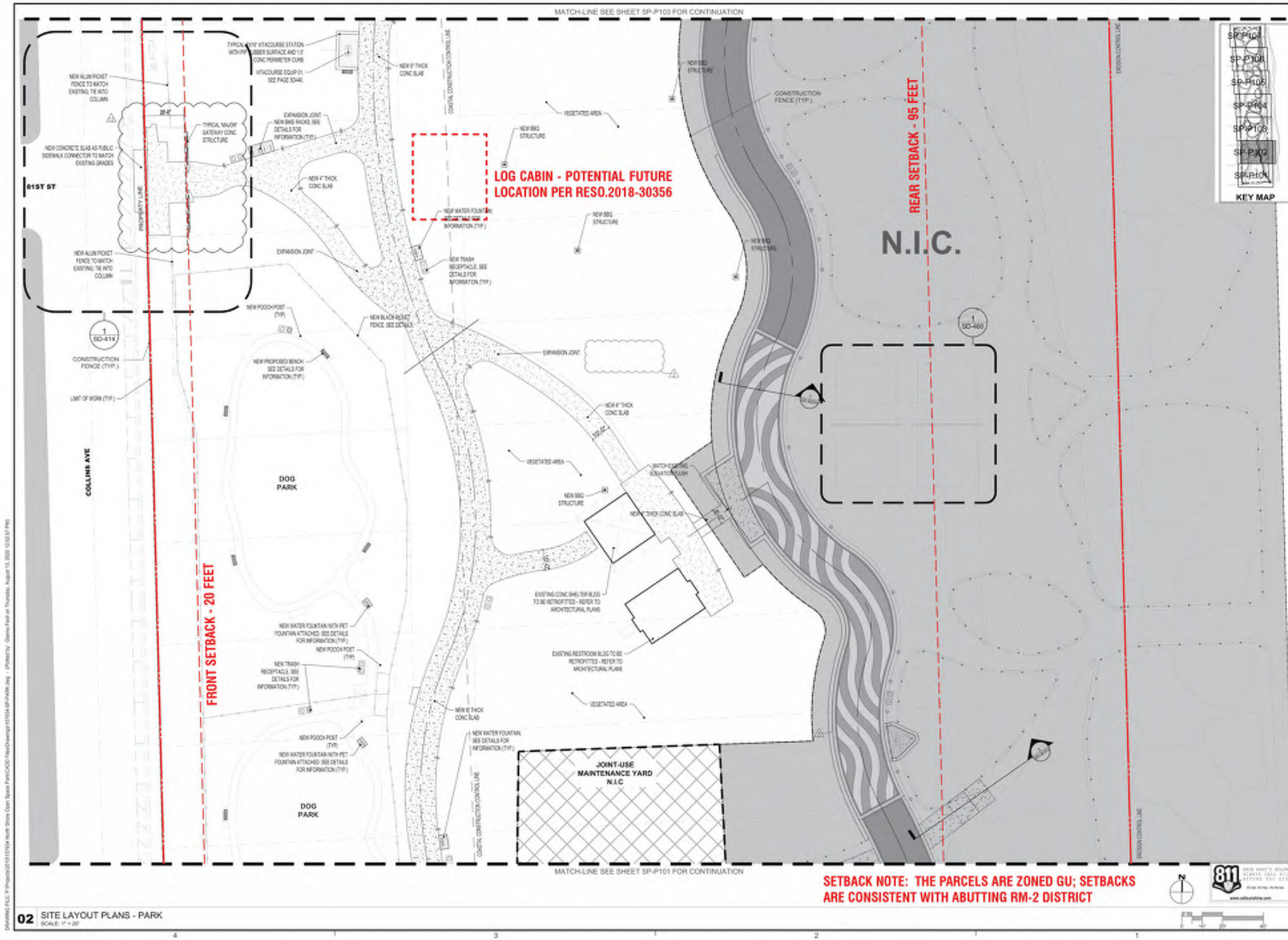
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE LAYOUT PLANS - PARK

SHEET NUMBER:
SP-P101



02 SITE LAYOUT PLANS - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 CLIDER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0001940

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TAMMY D. COON-WEBSTER, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1326

REVISIONS:
1 6/7/19 ADDENDUM #5
2 6/12/19 ADDENDUM #6
3 8/14/20 REVISION PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

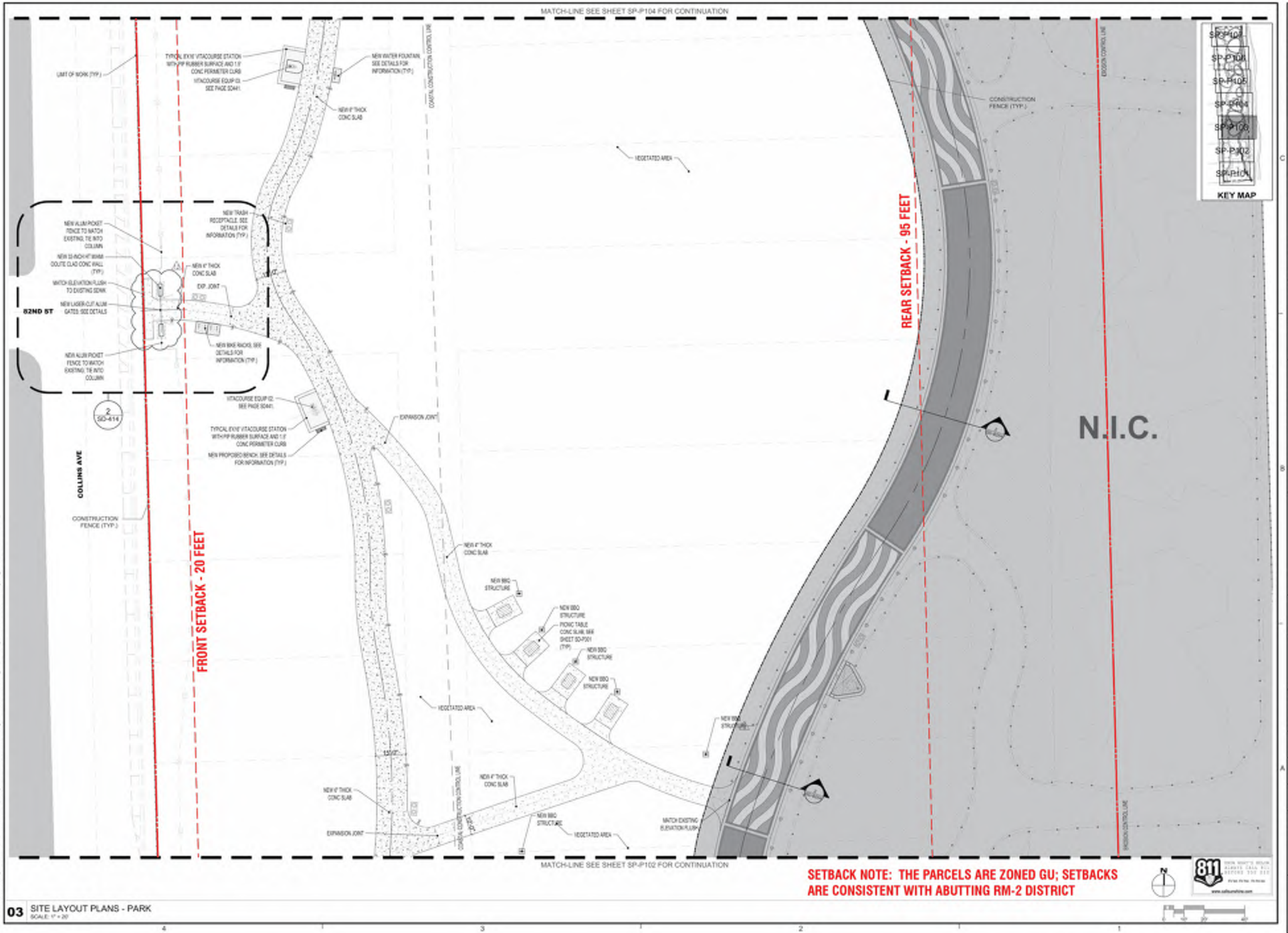
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE LAYOUT PLANS - PARK

SHEET NUMBER:
SP-P102



CLIENT:
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CITY OF MIAMI BEACH
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MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cypress, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6887
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001943

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
FABIAN D. COON-MEDINA, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1426

REVISIONS:
1 6/12/19 ADDENDUM #6
2 8/14/20 REDESIGN REV FOR DP AND PRMS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

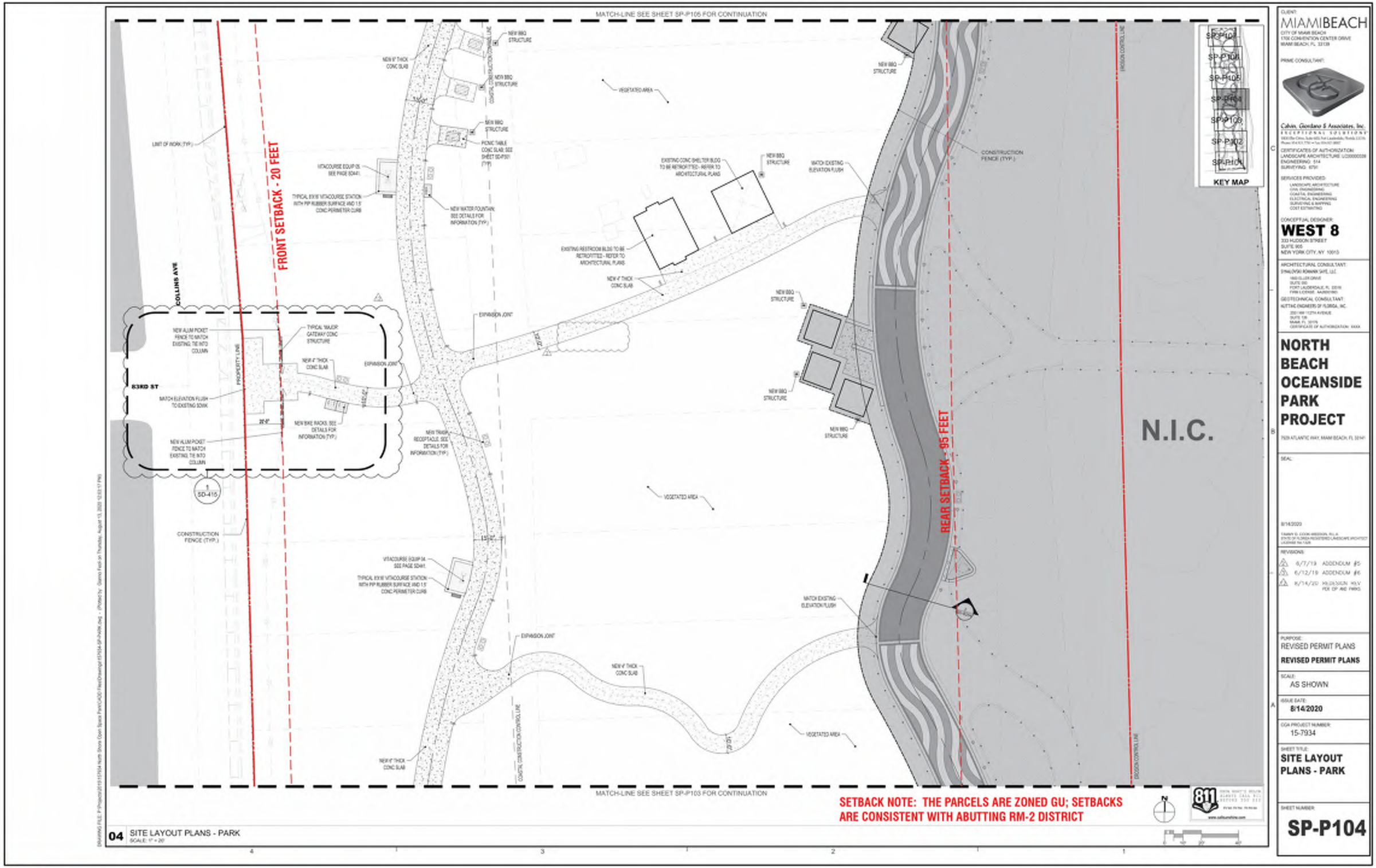
SCALE:
AS SHOWN

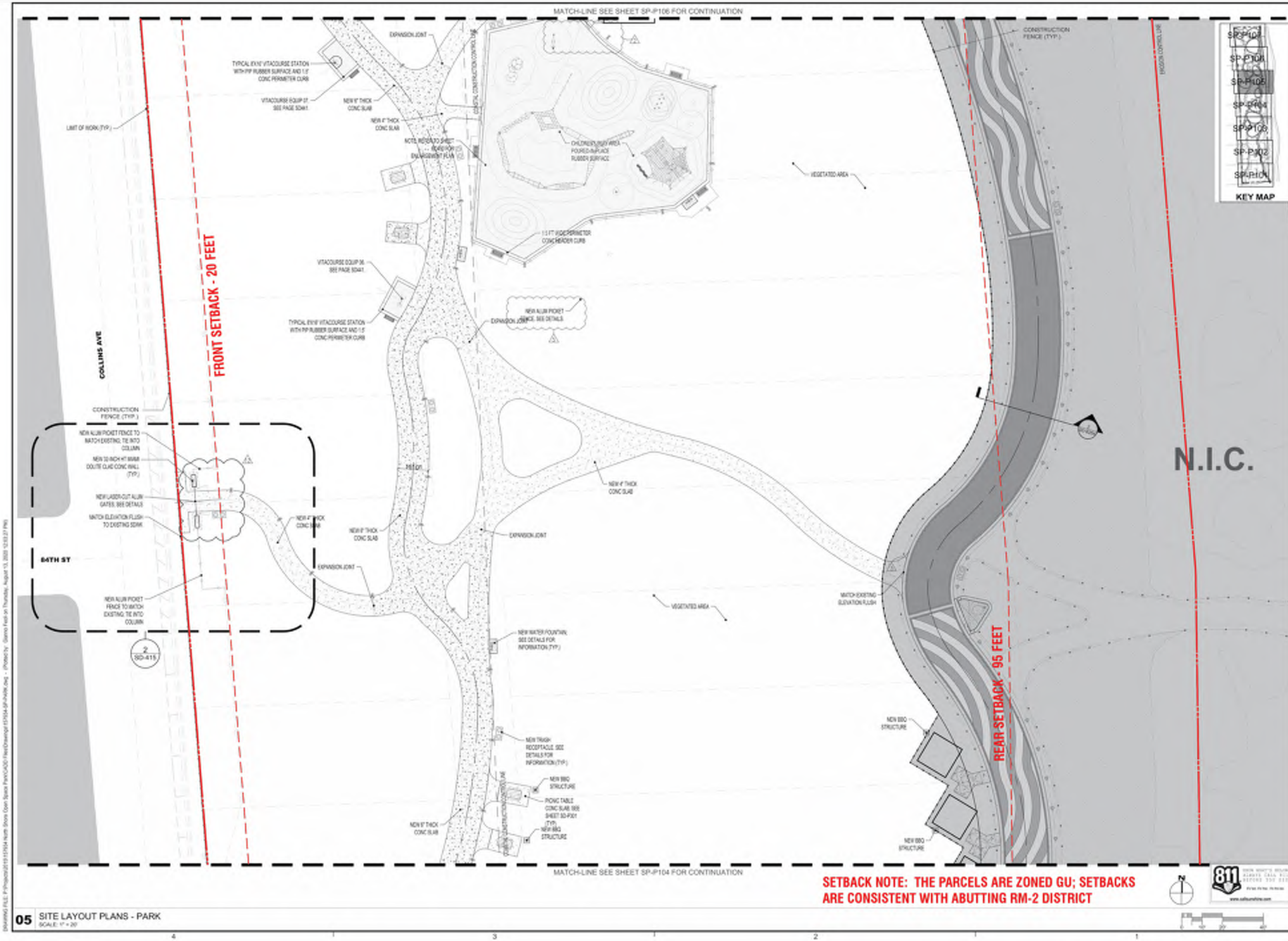
ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE LAYOUT PLANS - PARK

SHEET NUMBER:
SP-P103


MATCH-LINE SEE SHEET SP-P105 FOR CONTINUATION
FRONT SETBACK - 20 FEET
REAR SETBACK - 95 FEET
COLLINS AVE
63RD ST
N.I.C.
KEY MAP
SP-P102
SP-P103
SP-P104
SP-P105
SP-P106
SP-P107
SP-P108
MATCH-LINE SEE SHEET SP-P103 FOR CONTINUATION
SETBACK NOTE: THE PARCELS ARE ZONED GU; SETBACKS ARE CONSISTENT WITH ABUTTING RM-2 DISTRICT
04 SITE LAYOUT PLANS - PARK
SCALE: 1" = 20'
CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139
PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING
CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013
ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0001940
GEOTECHNICAL CONSULTANT:
KITTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33176
CERTIFICATE OF AUTHORIZATION: XXXX
NORTH BEACH OCEANSIDE PARK PROJECT
7509 ATLANTIC WAY, MIAMI BEACH, FL 33141
SEAL:
8/14/2020
REVISIONS:
6/7/19 ADDENDUM #5
6/12/19 ADDENDUM #6
8/14/20 REVISED PER DRB
PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS
SCALE:
AS SHOWN
ISSUE DATE:
8/14/2020
CGA PROJECT NUMBER:
15-7934
SHEET TITLE:
SITE LAYOUT PLANS - PARK
SHEET NUMBER:
SP-P104



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.987.7550 • Fax: 954.987.9847
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
303 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TAMMY D. COON-WEBSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:
1 6/7/19 ADDENDUM #5
2 6/12/19 ADDENDUM #6
3 8/28/19 RESUBMITTAL FOR CP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

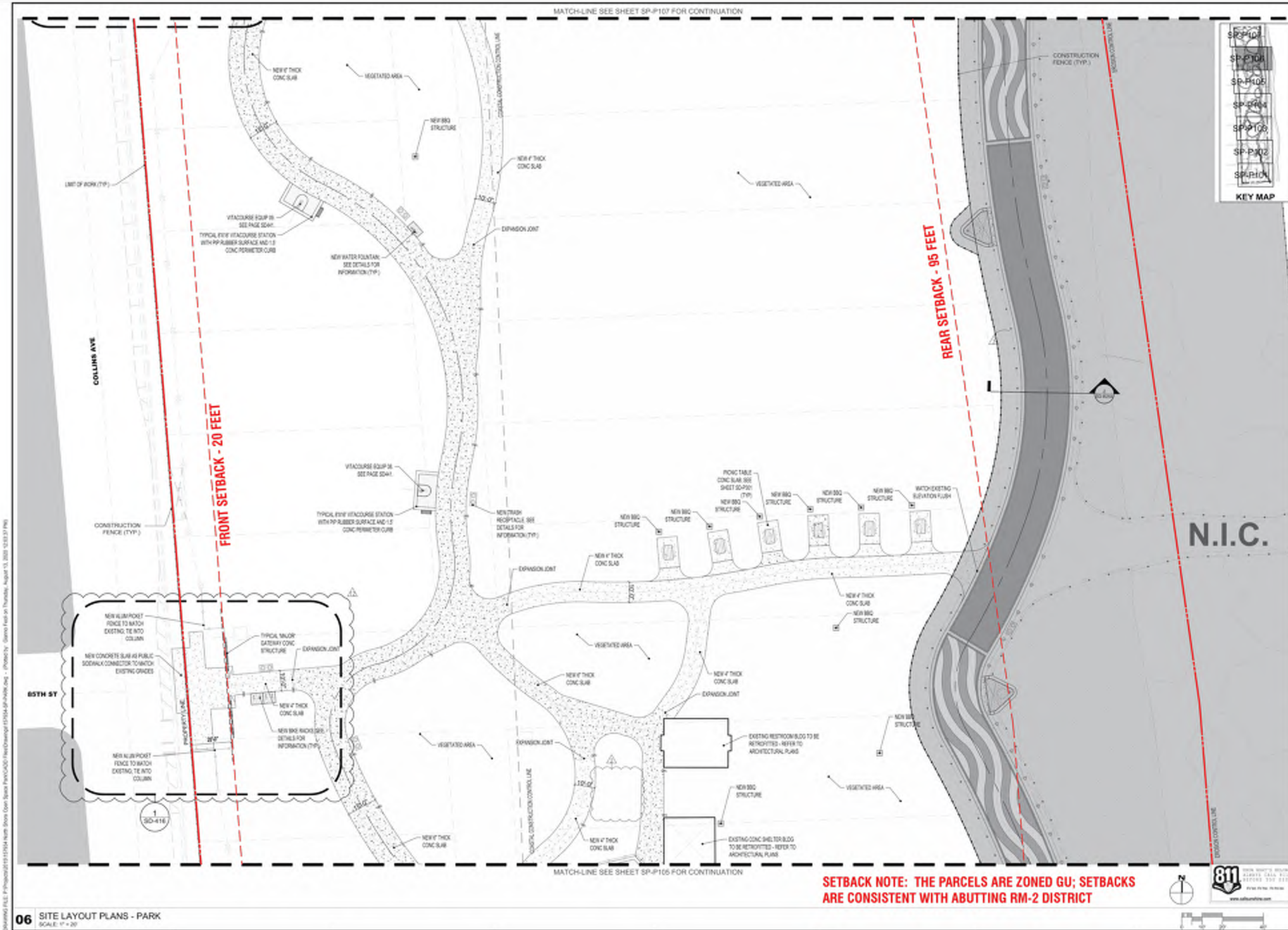
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE LAYOUT PLANS - PARK

SHEET NUMBER:
SP-P105



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.987.7550 • Fax: 954.987.9847
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6731
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001943

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TAMMY D. COON-WEISSIGER, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1126

REVISIONS:
1 6/7/19 ADDENDUM #5
2 6/12/19 ADDENDUM #6
3 8/14/20 REDESIGN 90% PDP OF 2ND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

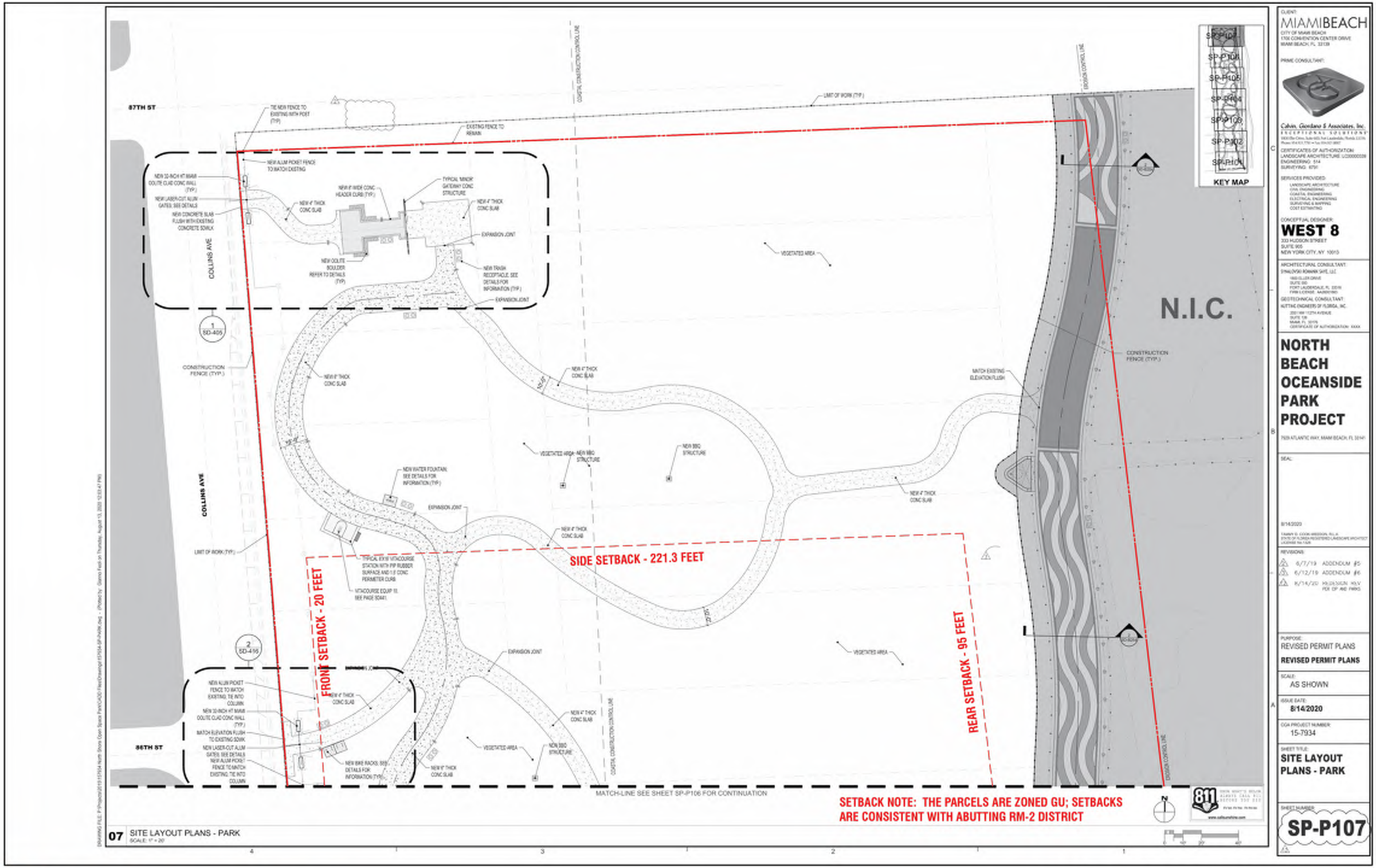
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE LAYOUT PLANS - PARK

SHEET NUMBER:
SP-P106


87TH ST
86TH ST
COLLINS AVE
COLLINS AVE
N.I.C.
KEY MAP
SP-P106
SP-P107
SP-P108
SP-P109
SP-P110
SP-P111
SP-P112
SP-P113
SIDE SETBACK - 221.3 FEET
FRONT SETBACK - 20 FEET
REAR SETBACK - 95 FEET
SETBACK NOTE: THE PARCELS ARE ZONED GU; SETBACKS ARE CONSISTENT WITH ABUTTING RM-2 DISTRICT
MATCH-LINE SEE SHEET SP-P106 FOR CONTINUATION
07 SITE LAYOUT PLANS - PARK
SCALE: 1" = 20'
CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139
PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013
ARCHITECTURAL CONSULTANT:
GEOTECHNICAL CONSULTANT:
NORTH BEACH OCEANSIDE PARK PROJECT
REVISIONS:
PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS
SCALE:
AS SHOWN
ISSUE DATE:
8/14/2020
CGA PROJECT NUMBER:
15-7934
SHEET TITLE:
SITE LAYOUT PLANS - PARK
SHEET NUMBER:
SP-P107

NOTES:

1. WHEN NEW PAVEMENT IS PLACED AGAINST EXISTING PAVEMENT, SAW-CUT WITH A METAL EDGE AT NEAREST EXISTING JOINT AT CONCRETE PAVING AND INSTALL NEW SURFACE GRADE SMOOTH AND FLUSH.
2. ALL EXISTING TREES TO BE RETAINED SHALL BE PROTECTED AT THE TREE PROTECTION ZONE (TPZ) BY A FENCE AS SPECIFIED. ALL EXCAVATION WITHIN THE TPZ SHALL BY DONE BY HAND AND SHALL BE CONTINUOUSLY SUPERVISED BY A CERTIFIED ARBORIST AT ALL TIMES.
3. NATURAL CONCRETE TO BE FIBER MESH REINFORCED.
4. CONTRACTOR TO PROVIDE SURVEYED SITE LAYOUT SERVICES THROUGHOUT CONSTRUCTION PHASES. LANDSCAPE ARCHITECT TO PROVIDE CADD FILES TO BE USED AS A BASIS.

BEACHWALK

- PAVER PATTERN A [FLAMINGO]
- PAVER PATTERN B [BENTCREEK]
- PAVER PATTERN C [BENTCREEK]
- PAVER PATTERN D [PEACH]
- PAVER PATTERN E [GREY]
- PAVER PATTERN F [BENTCREEK]
- PAVER PATTERN G [BENTCREEK]
- CENTER LINE
- HEADER CURB
- HEADER CURB CENTER LINE
- PAVER BOUNDARY
- PAVER GEOMETRY CENTER LINE

DRAWING FILE: P:\Projects\2015\15934 North Shore Open Space Park\CADD Files\Drawings\15934-SP-NOTES_SCHED.dwg - - Plotted by: Dominic Black on Thursday, August 13, 2020 2:00:10 PM

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TAMMY G. COON-WEEDON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

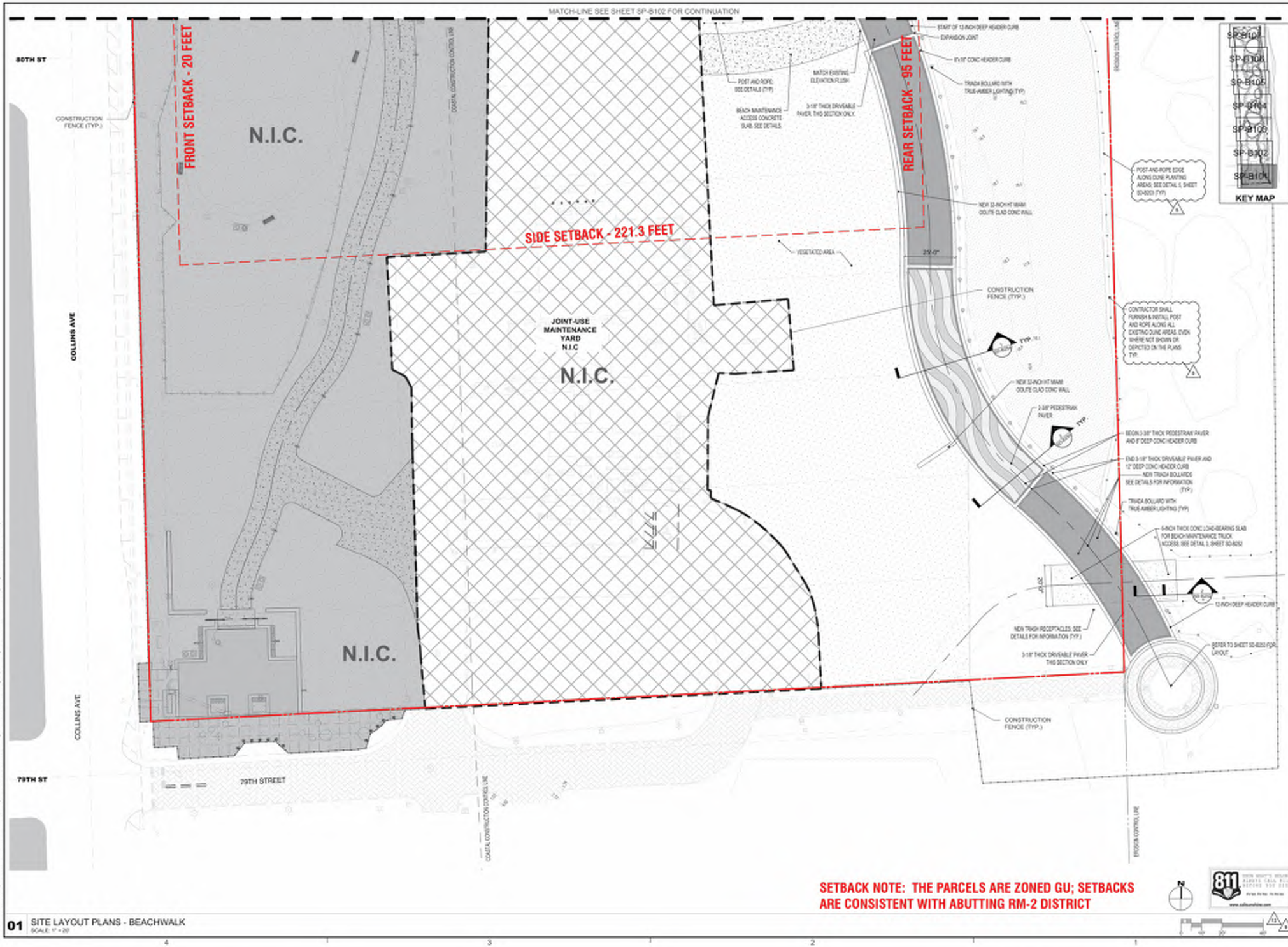
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE LAYOUT NOTES & SCHEDULES

SHEET NUMBER:
SP-B100



01 SITE LAYOUT PLANS - BEACHWALK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
2301 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7100 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY G. COGGIN-WEBSTER, R.L.A.
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 BLDG DEPT COMMENTS 12-9-19
2 8/14/20 REDESIGN REV PER OP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

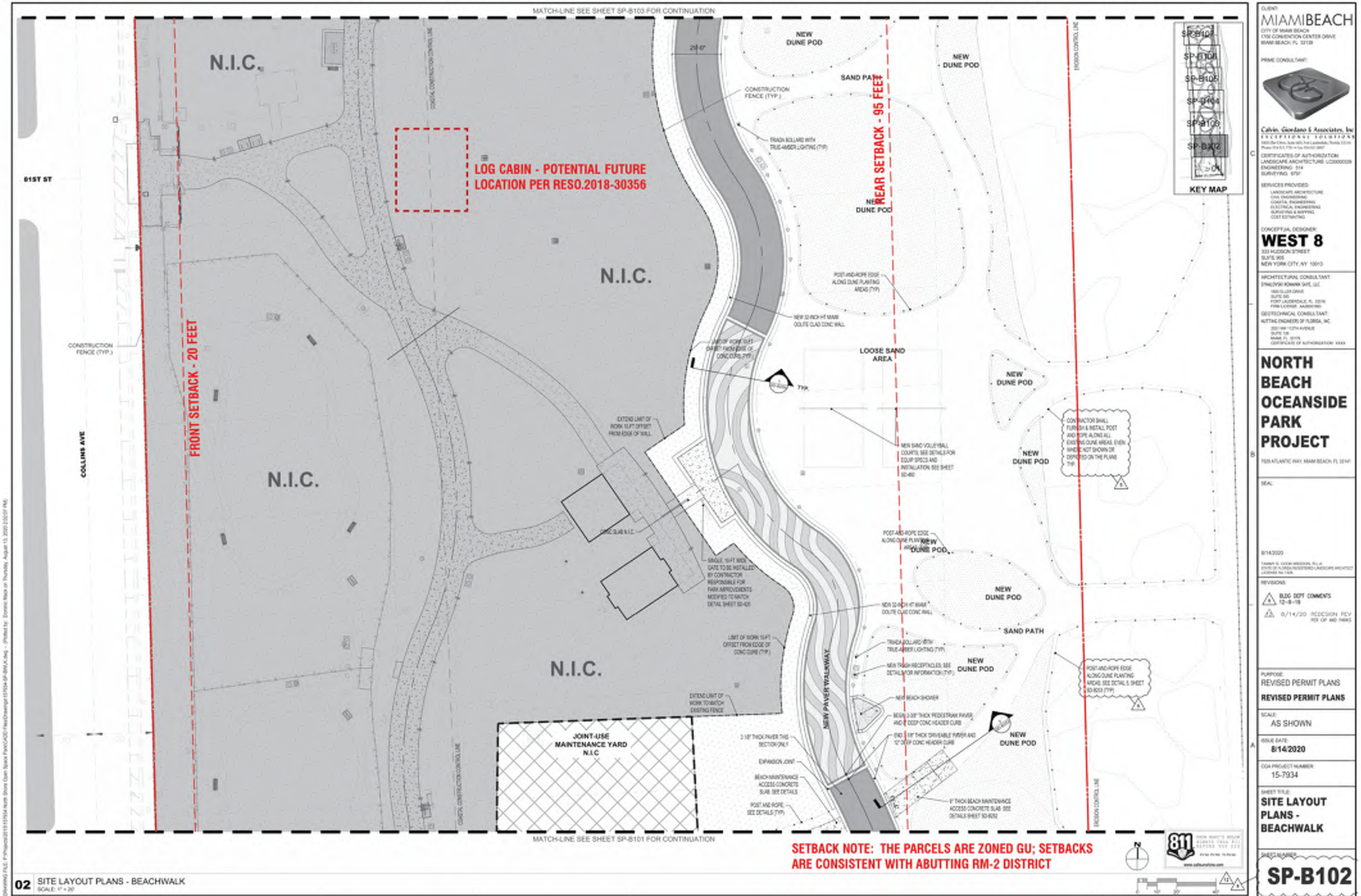
SCALE:
AS SHOWN

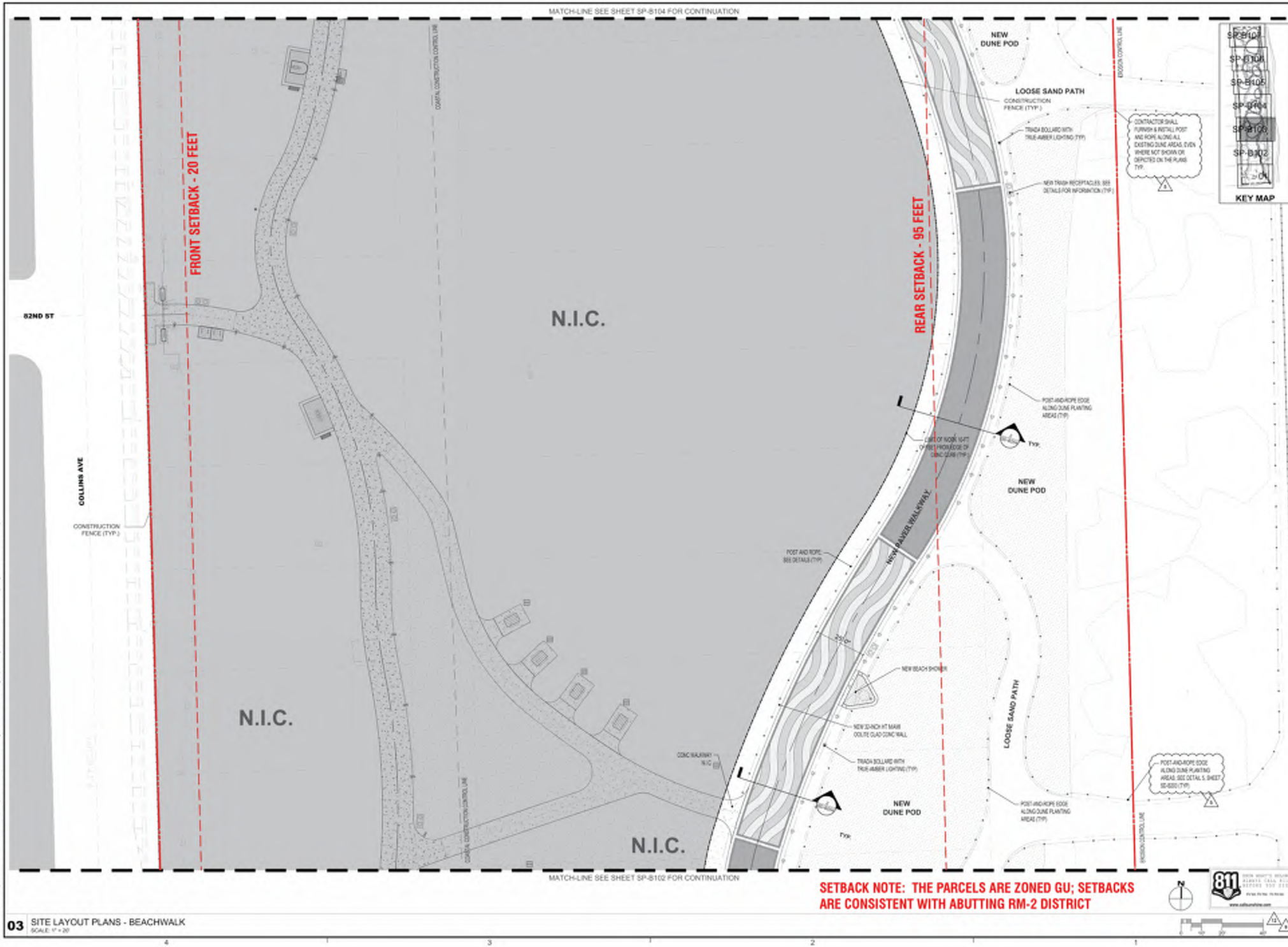
ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE LAYOUT PLANS - BEACHWALK

SHEET NUMBER:
SP-B101


MATCH-LINE SEE SHEET SP-B103 FOR CONTINUATION
N.I.C.
LOG CABIN - POTENTIAL FUTURE LOCATION PER RESO.2018-30356
N.I.C.
N.I.C.
N.I.C.
81ST ST
COLLINS AVE
FRONT SETBACK - 20 FEET
REAR SETBACK - 95 FEET
CONSTRUCTION FENCE (TYP.)
COASTAL CONSTRUCTION CONTROL LINE
EROSION CONTROL LINE
NEW DUNE POD
SAND PATH
NEW DUNE POD
NEW DUNE POD
LOOSE SAND AREA
NEW DUNE POD
NEW DUNE POD
NEW DUNE POD
NEW DUNE POD
SAND PATH
NEW DUNE POD
NEW DUNE POD
NEW PAVER WALKWAY
JOINT-USE MAINTENANCE YARD N.I.C
MATCH-LINE SEE SHEET SP-B101 FOR CONTINUATION
KEY MAP
SP-B102
SP-B101
SP-B105
SP-B104
SP-B103
SP-B102
SETBACK NOTE: THE PARCELS ARE ZONED GU; SETBACKS ARE CONSISTENT WITH ABUTTING RM-2 DISTRICT
02 SITE LAYOUT PLANS - BEACHWALK
SCALE: 1" = 20'
CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139
PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6731
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING
CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013
ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940
GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
20010 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33178
CERTIFICATE OF AUTHORIZATION: XXXX
NORTH BEACH OCEANSIDE PARK PROJECT
7100 ATLANTIC WAY, MIAMI BEACH, FL 33141
SEAL:
8/14/2020
REVISIONS:
1 BLDG DEPT COMMENTS 12-9-19
2 6/14/20 REDESIGN REV PER OP AND PARKS
PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS
SCALE:
AS SHOWN
ISSUE DATE:
8/14/2020
CGA PROJECT NUMBER:
15-7934
SHEET TITLE:
SITE LAYOUT PLANS - BEACHWALK
SHEET NUMBER:
SP-B102



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cities, Suite 900, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000028
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COOK-WEEDON, PLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:
1 BLDG DEPT COMMENTS 12-9-19
2 6/14/20 REDESIGN REV PER GP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

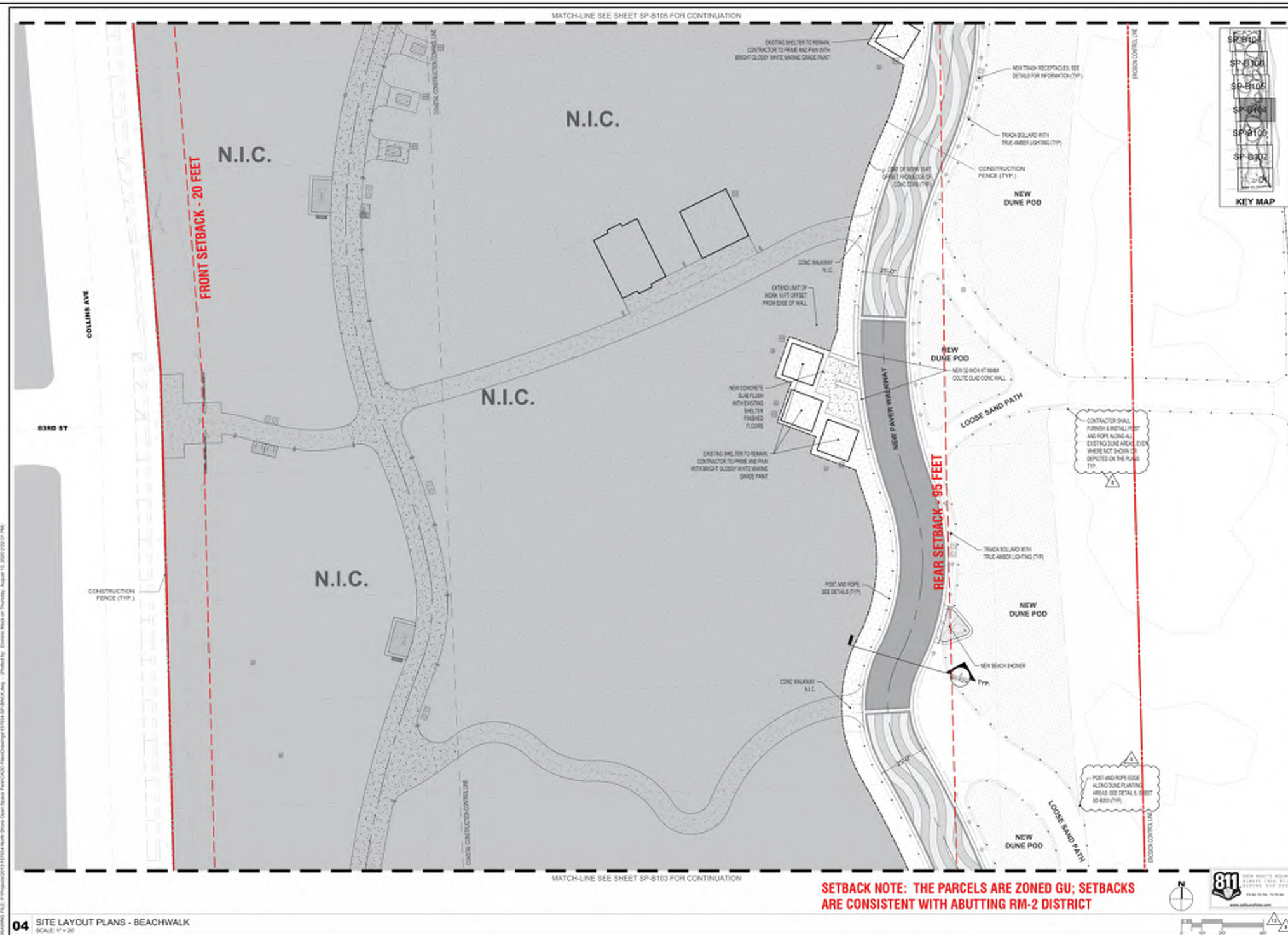
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE LAYOUT PLANS - BEACHWALK

SHEET NUMBER:
SP-B103



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cinco, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6667
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TAMMY D. COOK-WEBSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE NO. 1426

REVISIONS:
1 BLDG DEPT COMMENTS 12-9-19
2 6/14/20 REDESIGN REV PER OP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

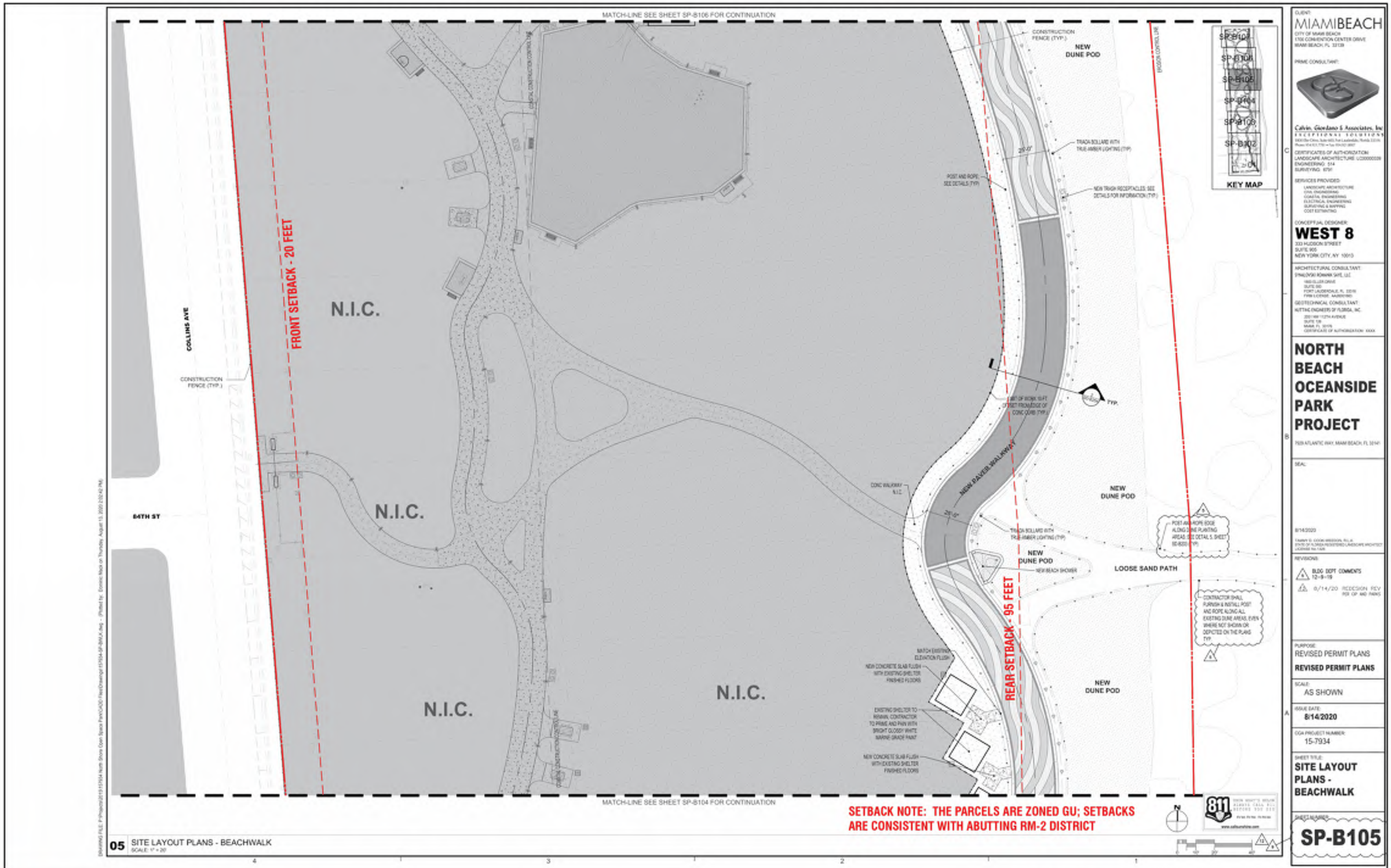
SCALE:
AS SHOWN

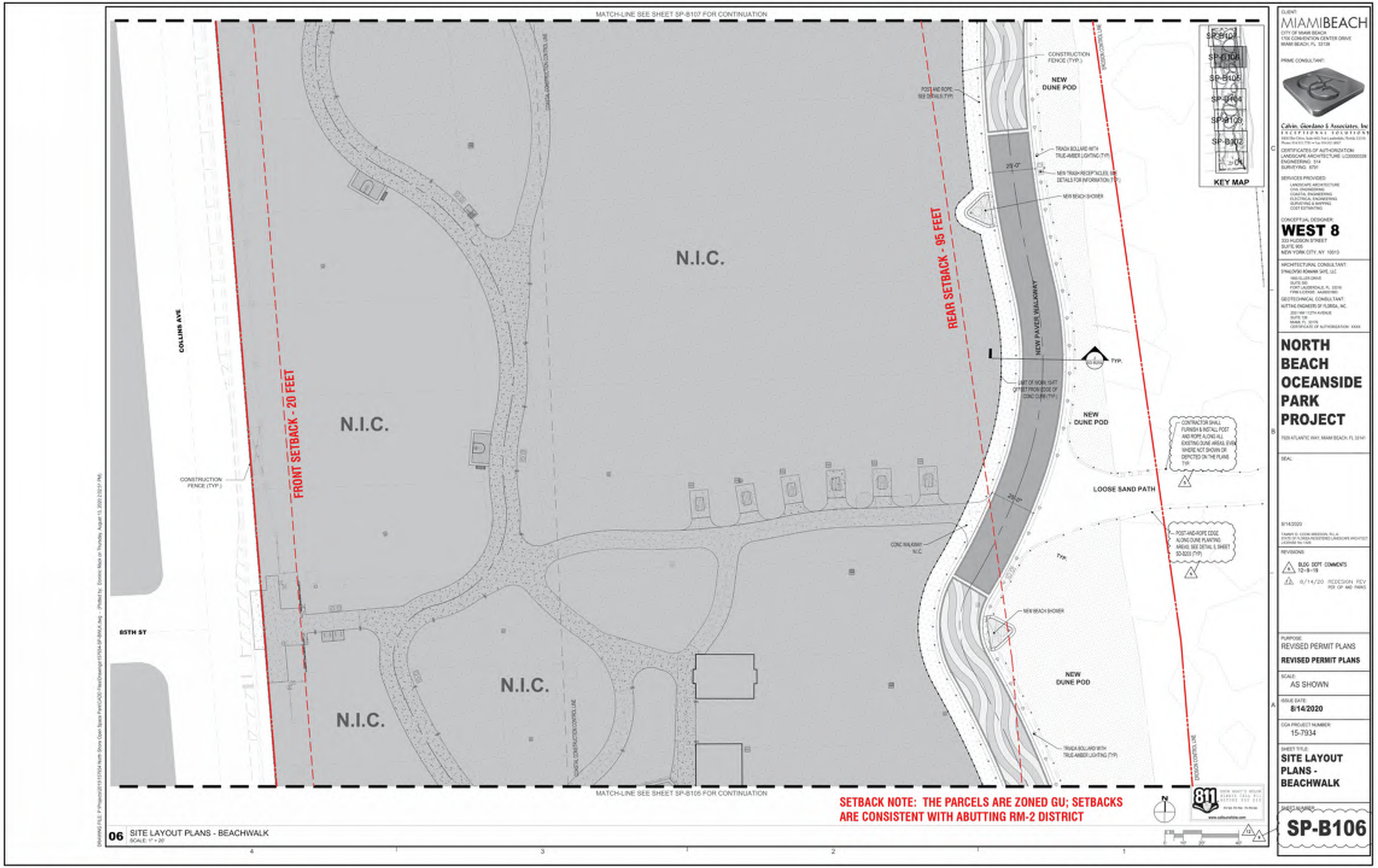
ISSUE DATE:
8/14/2020

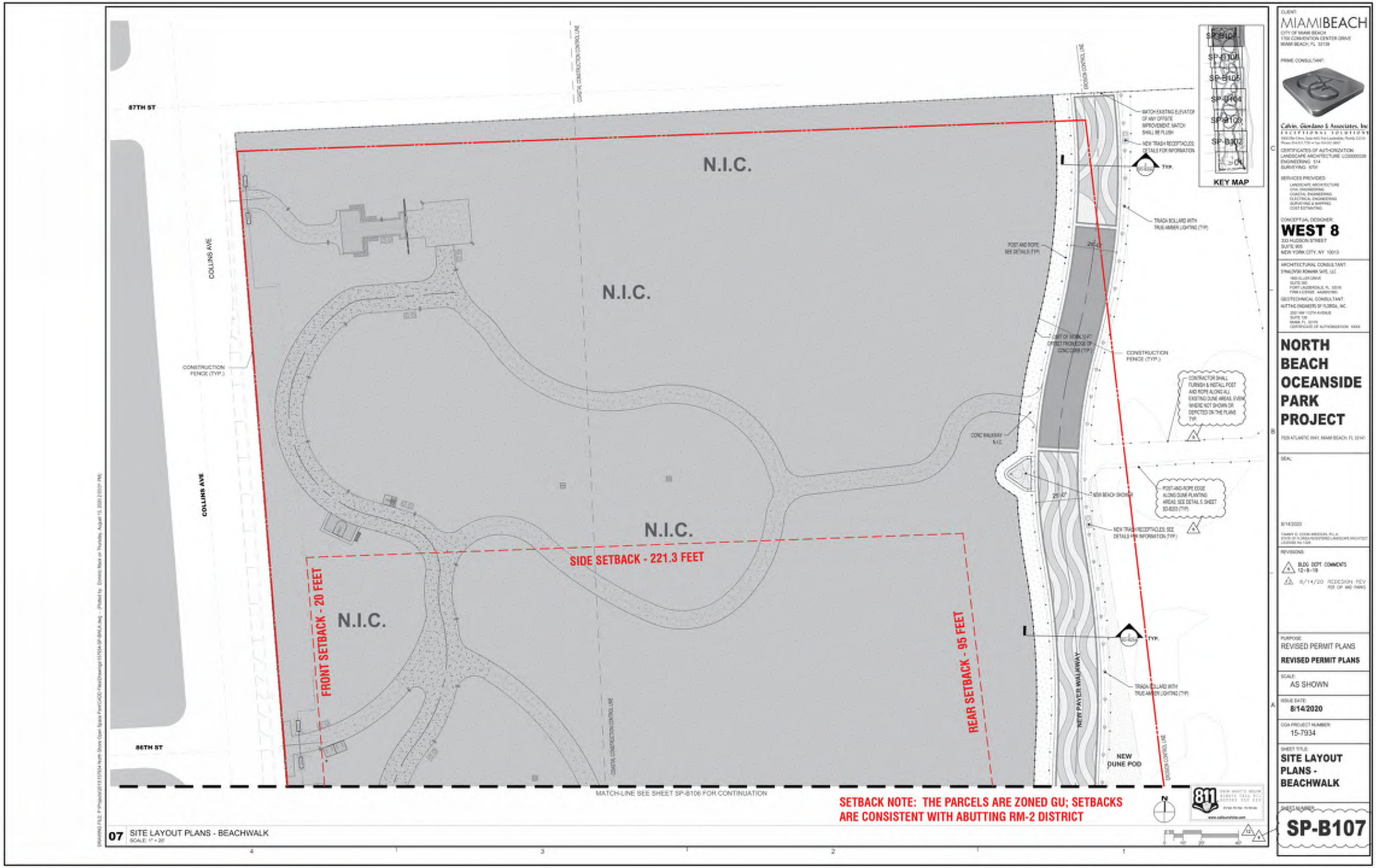
CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
SITE LAYOUT PLANS - BEACHWALK

SHEET NUMBER:
SP-B104


MATCH-LINE SEE SHEET SP-B106 FOR CONTINUATION
COLLINS AVE
84TH ST
FRONT SETBACK - 20 FEET
N.I.C.
N.I.C.
N.I.C.
N.I.C.
CONSTRUCTION FENCE (TYP.)
CONSTRUCTION FENCE (TYP.)
NEW DUNE POD
NEW DUNE POD
NEW DUNE POD
NEW DUNE POD
LOOSE SAND PATH
TRADA BOLLARD WITH TRUE AMBER LIGHTING (TYP)
POST AND ROPE SEE DETAILS (TYP)
NEW TRASH RECEPTACLES, SEE DETAILS FOR INFORMATION (TYP.)
NEW PAVER WALKWAY
CONC WALKWAY
REAR SETBACK - 95 FEET
NEW BEACH SHOWER
POST AND ROPE EDGE ALONG DUNE PLANTING AREAS, SEE DETAIL 5, SHEET SD-B202 (TYP)
CONTRACTOR SHALL FURNISH & INSTALL POST AND ROPE ALONG ALL EXISTING DUNE AREAS, EVEN WHERE NOT SHOWN OR DEPICTED ON THE PLANS TYP.
MATCH EXISTING ELEVATION FLUSH
NEW CONCRETE SLAB FLUSH WITH EXISTING SHELTER FINISHED FLOORS
EXISTING SHELTER TO REMAIN. CONTRACTOR TO PRIME AND PAINT WITH BRIGHT GLOSSY WHITE MARINE GRADE PAINT
NEW CONCRETE SLAB FLUSH WITH EXISTING SHELTER FINISHED FLOORS
MATCH-LINE SEE SHEET SP-B104 FOR CONTINUATION
SETBACK NOTE: THE PARCELS ARE ZONED GU; SETBACKS ARE CONSISTENT WITH ABUTTING RM-2 DISTRICT
KEY MAP
SP-B101
SP-B102
SP-B103
SP-B104
SP-B105
SP-B106
SP-B107
SP-B108
05 SITE LAYOUT PLANS - BEACHWALK
SCALE: 1" = 20'
CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139
PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000028
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING
CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013
ARCHITECTURAL CONSULTANT:
FINALDESIGN ROMANA SAYE, LLC
1600 CLLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940
GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX
NORTH BEACH OCEANSIDE PARK PROJECT
7500 ATLANTIC WAY, MIAMI BEACH, FL 33141
SEAL:
8/14/2020
REVISIONS:
1 BLDG DEPT COMMENTS 12-9-19
2 6/14/20 REDESIGN REV PER CIP AND PARKS
PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS
SCALE:
AS SHOWN
ISSUE DATE:
8/14/2020
CGA PROJECT NUMBER:
15-7934
SHEET TITLE:
SITE LAYOUT PLANS - BEACHWALK
SHEET NUMBER:
SP-B105

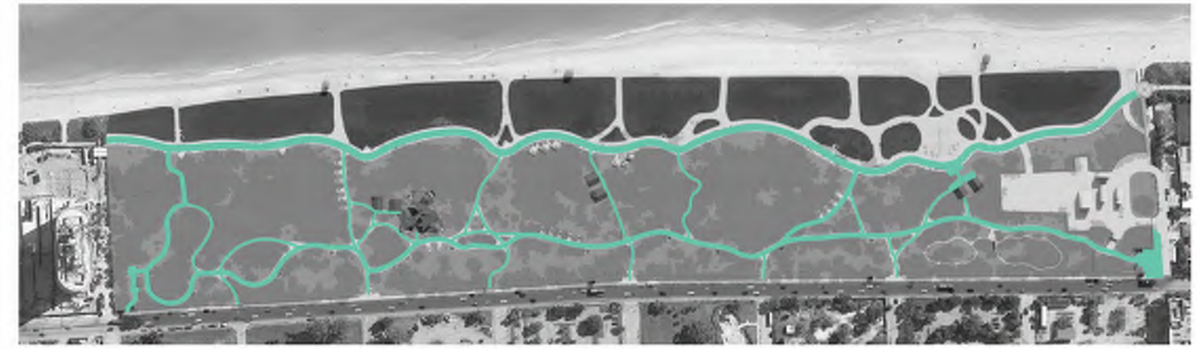

MATCH-LINE SEE SHEET SP-B107 FOR CONTINUATION
N.I.C.
N.I.C.
N.I.C.
N.I.C.
FRONT SETBACK - 20 FEET
REAR SETBACK - 95 FEET
COLLINS AVE
85TH ST
CONSTRUCTION FENCE (TYP.)
POST AND ROPE, SEE DETAILS (TYP)
NEW DUNE POD
TRIDA BOLLARD WITH TRUE-AMBER LIGHTING (TYP)
MBV TRASH RECEPTACLES, SEE DETAILS FOR INFORMATION (TYP)
MBV BEACH SHOWER
NEW PAVER WALKWAY
LIMIT OF WORK 10-FT OFFSET FROM EDGE OF CONC CURB (TYP.)
NEW DUNE POD
CONTRACTOR SHALL FURNISH & INSTALL POST AND ROPE ALONG ALL EXISTING DUNE AREAS, EVEN WHERE NOT SHOWN OR DEPICTED ON THE PLANS TYP.
LOOSE SAND PATH
POST-AND-ROPE EDGE ALONG DUNE PLANTING AREAS, SEE DETAIL 5, SHEET SD-5203 (TYP)
CONC WALKWAY N.I.C.
NEW BEACH SHOWER
NEW DUNE POD
TRIDA BOLLARD WITH TRUE-AMBER LIGHTING (TYP)
DESIGN CONTROL LINE
CONSTRUCTION CONTROL LINE
KEY MAP
SP-B102
SP-B103
SP-B104
SP-B105
SP-B106
SP-B107
MATCH-LINE SEE SHEET SP-B105 FOR CONTINUATION
SETBACK NOTE: THE PARCELS ARE ZONED GU; SETBACKS ARE CONSISTENT WITH ABUTTING RM-2 DISTRICT
06 SITE LAYOUT PLANS - BEACHWALK
SCALE: 1" = 20'
CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139
PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING
CONCEPTUAL DESIGNER:
WEST 8
303 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013
ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740
GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX
NORTH BEACH OCEANSIDE PARK PROJECT
7100 ATLANTIC WAY, MIAMI BEACH, FL 33141
SEAL:
8/14/2020
REVISIONS:
BLDG DEPT COMMENTS 12-9-19
6/14/20 REDESIGN REV PER GP AND PARKS
PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS
SCALE:
AS SHOWN
ISSUE DATE:
8/14/2020
CGA PROJECT NUMBER:
15-7934
SHEET TITLE:
SITE LAYOUT PLANS - BEACHWALK
SHEET NUMBER:
SP-B106


87TH ST
86TH ST
COLLINS AVE
N.I.C.
N.I.C.
N.I.C.
N.I.C.
SIDE SETBACK - 221.3 FEET
FRONT SETBACK - 20 FEET
REAR SETBACK - 95 FEET
CONSTRUCTION FENCE (TYP.)
MATCH-LINE SEE SHEET SP-B106 FOR CONTINUATION
SETBACK NOTE: THE PARCELS ARE ZONED GU; SETBACKS ARE CONSISTENT WITH ABUTTING RM-2 DISTRICT
KEY MAP
SP-B107
SP-B106
SP-B105
SP-B104
SP-B103
SP-B102
NEW PAVER WALKWAY
NEW DUNE POD
TRASH BOLLARD WITH TRUE AMBER LIGHTING (TYP)
POST AND ROPE (TYP)
CONTRACTOR SHALL FURNISH & INSTALL POST AND ROPE ALONG ALL EXISTING DUNE AREAS, EVEN WHERE NOT SHOWN OR DEPICTED ON THE PLANS TYP
POST-AND-ROPE EDGE ALONG DUNE PLANTING AREAS, SEE DETAIL 5, SHEET SD-B001 (TYP)
NEW TRASH RECEPTACLES, SEE DETAILS FOR INFORMATION (TYP.)
07 SITE LAYOUT PLANS - BEACHWALK
SCALE: 1" = 20'
CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139
PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000028
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING
CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013
ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ISLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003960
GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33175
CERTIFICATE OF AUTHORIZATION: XXXX
NORTH BEACH OCEANSIDE PARK PROJECT
7500 ATLANTIC WAY, MIAMI BEACH, FL 33141
SEAL:
8/14/2020
REVISIONS:
BLDG DEPT COMMENTS 12-9-19
6/14/20 REDESIGN REV PER GP AND PARKS
PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS
SCALE:
AS SHOWN
ISSUE DATE:
8/14/2020
CGA PROJECT NUMBER:
15-7934
SHEET TITLE:
SITE LAYOUT PLANS - BEACHWALK
SHEET NUMBER:
SP-B107

Existing Bird's-Eye-View - Looking East

Proposed Bird's-Eye-View - Looking East

Existing Pathways Network



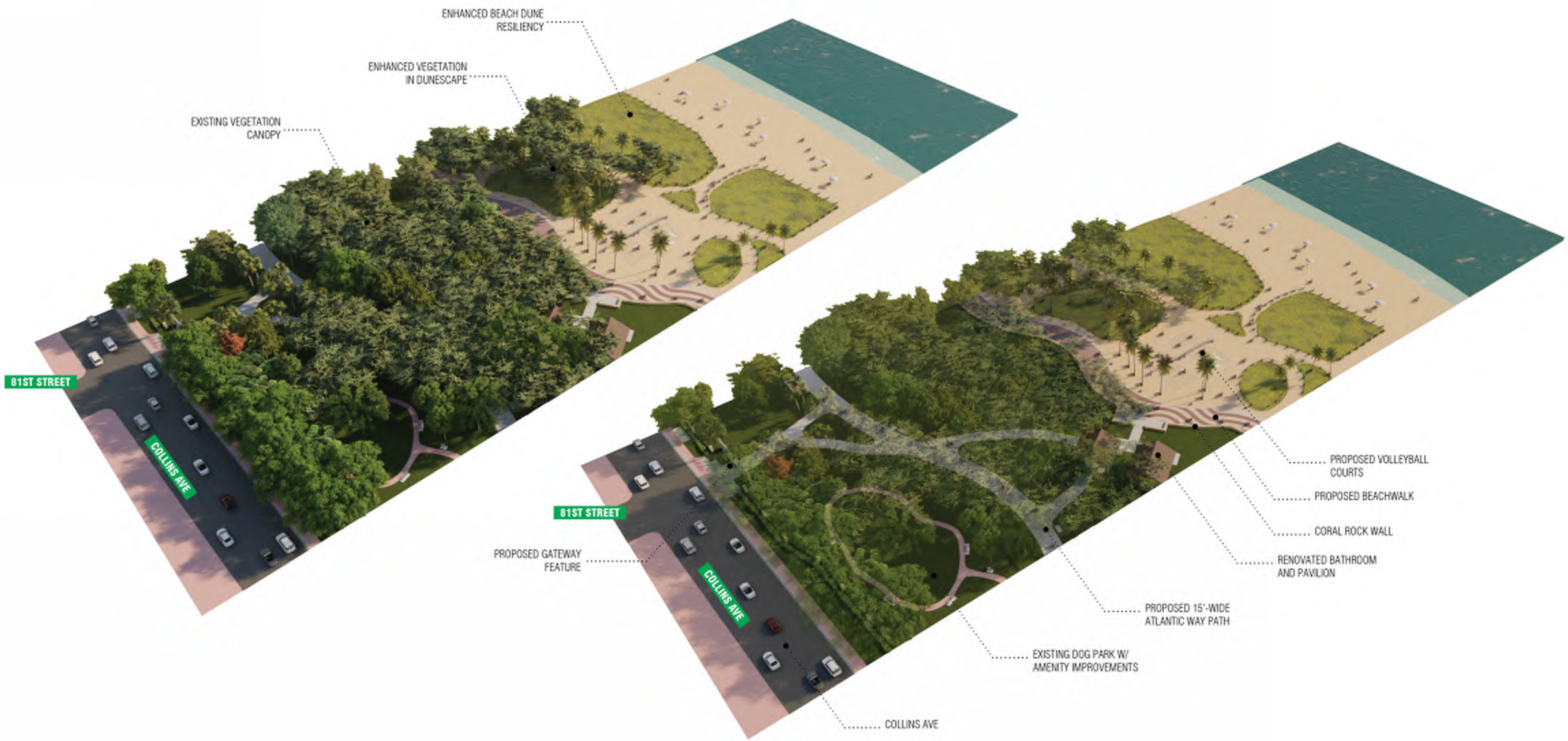
Proposed Pathways Network

Existing Atlantic Way

Existing Beachwalk Area

Proposed Atlantic Way

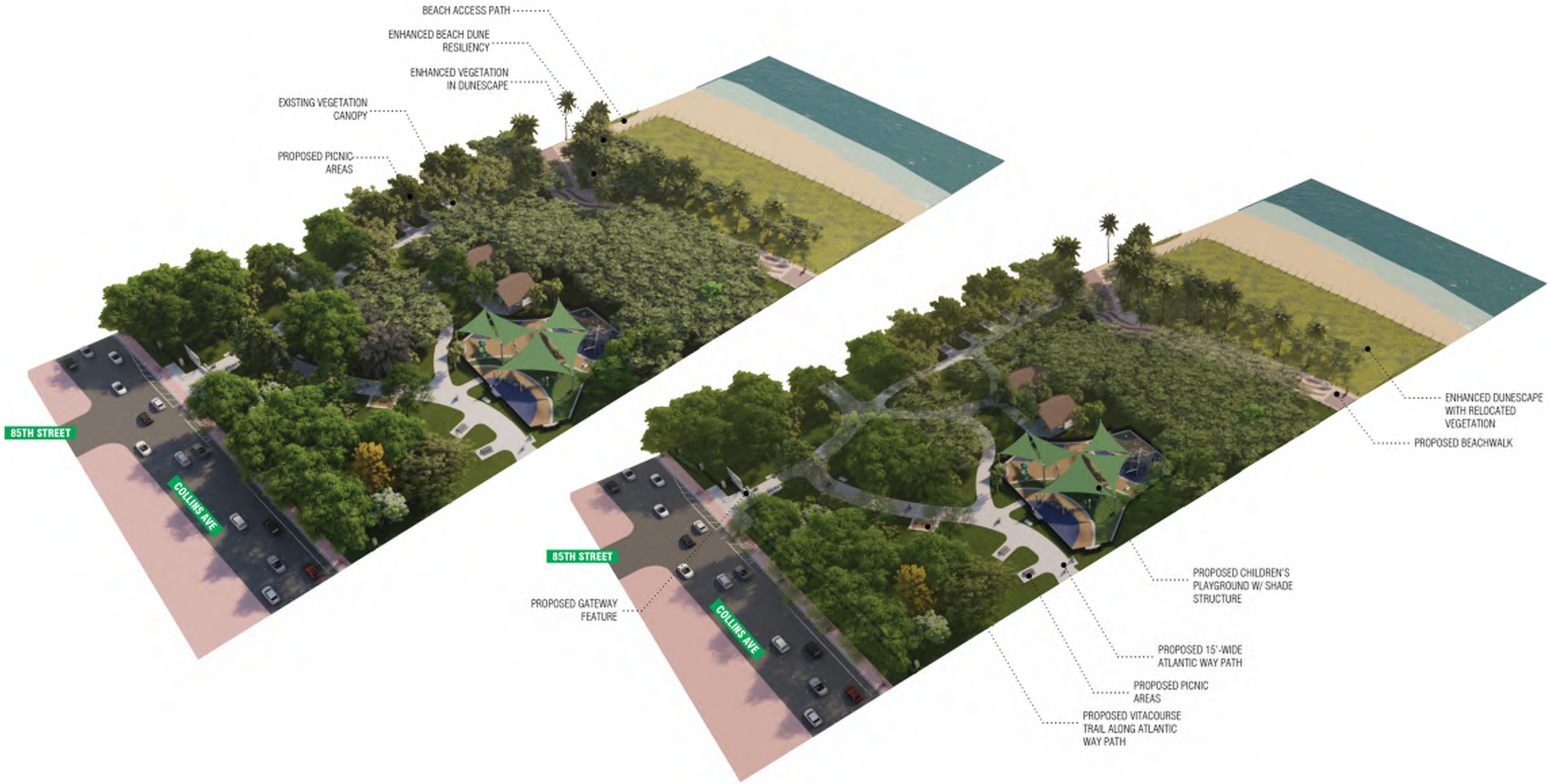
Proposed Beachwalk



Transect - Axonometric View - Portion A

Transect - Plan View - Portion A

Transect - Perspective View - Portion A

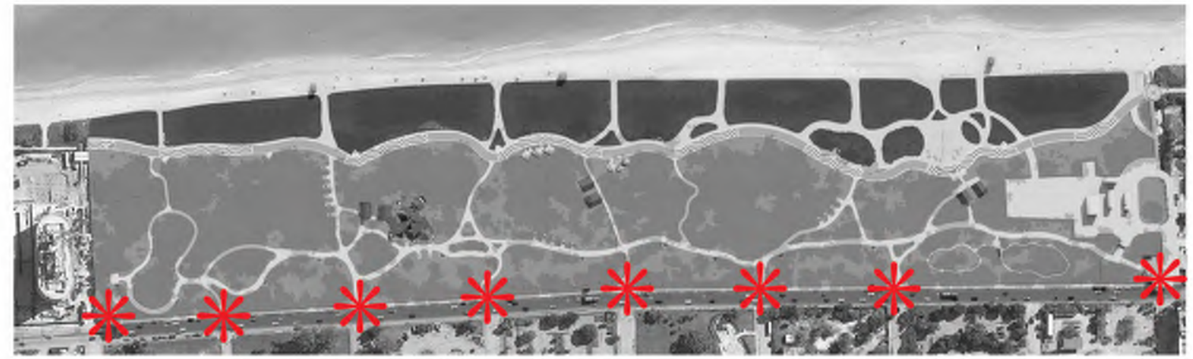


Transect - Axonometric View - Portion B

Transect - Plan View - Portion B

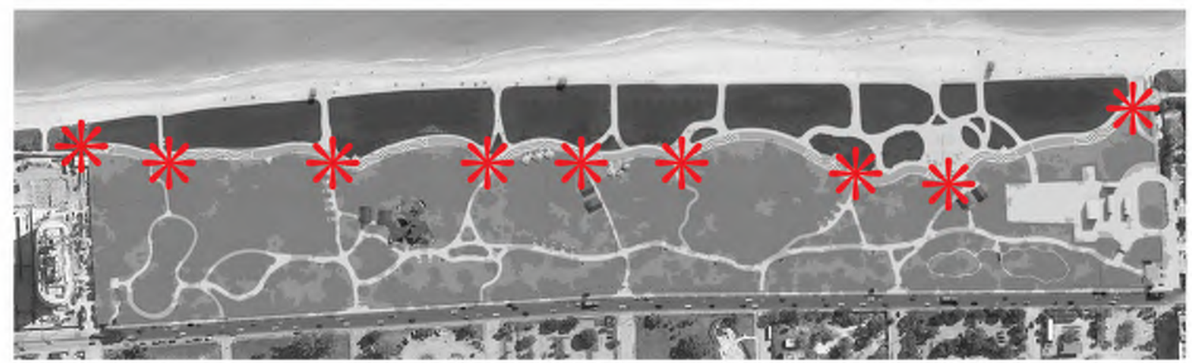
Transect - Perspective View - Portion B

Existing Entrances

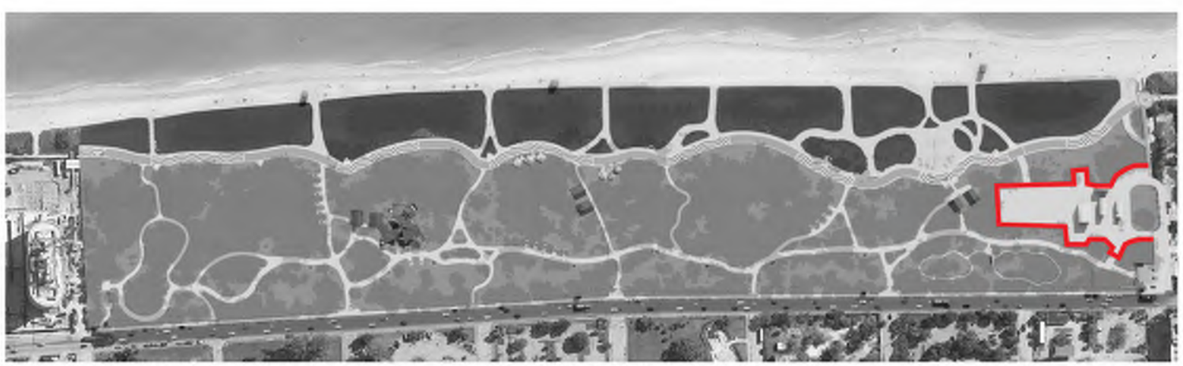


Proposed Entrances - The total number of entrances are being increased to provide an entrance at every street intersection.

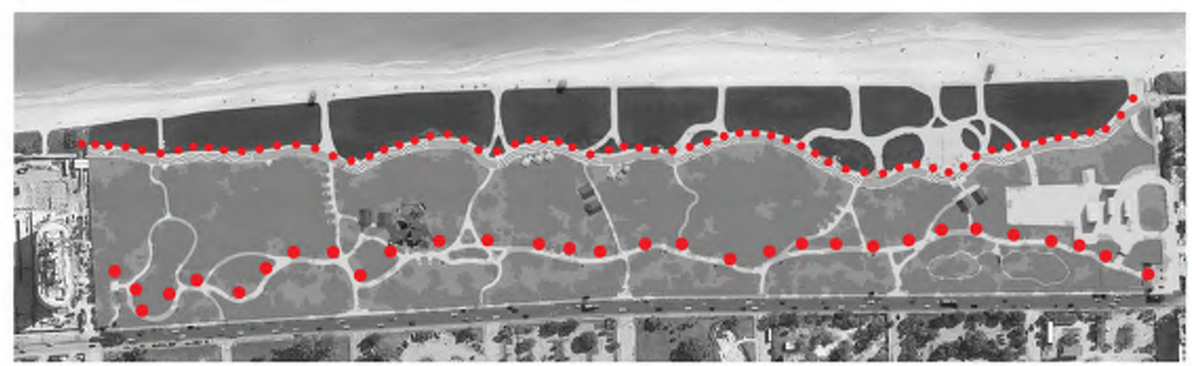
Safety and Enclosure - A system of perimeter boundaries are being provided at the request of the Police Department to demarcate the boundary of the park and to identify when the park is closed to the public's access.



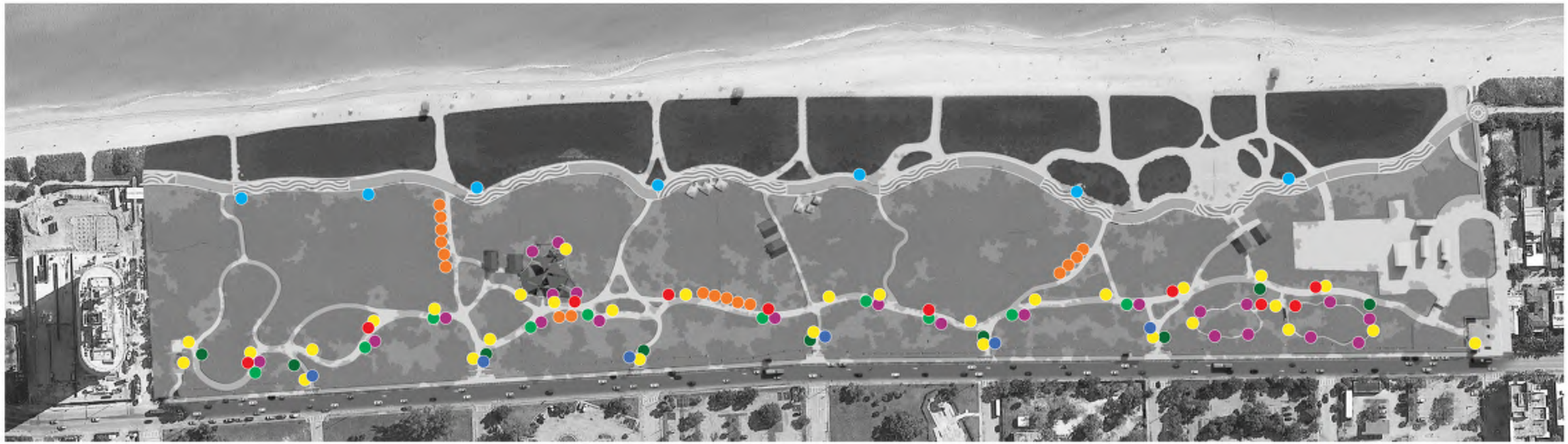
Urban Beach Access Routes - Access to dune cross-over locations are being facilitated by secondary walkways.



Critical Buffers - A substantial visual landscape buffer will be installed around the maintenance yard to minimize views into the yard from the park users.



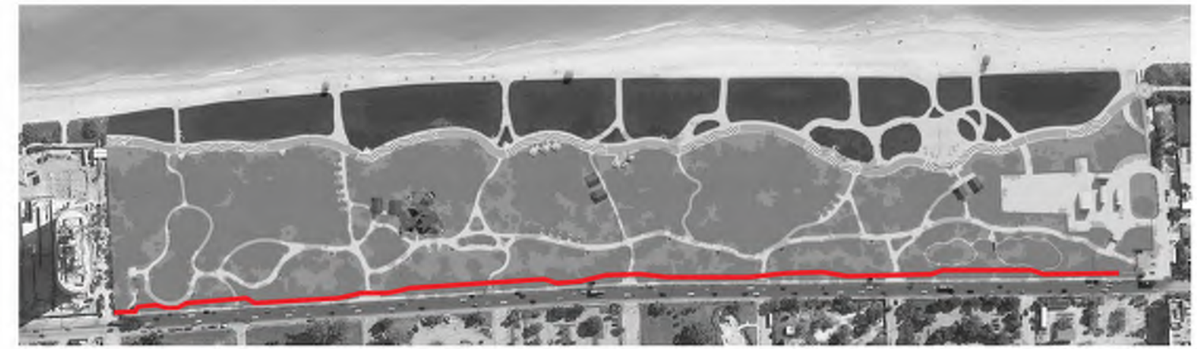
Lighting - At the request of the Police Department and to satisfy CPTED, lighting will be provided along the beachwalk and along Atlantic Way. Lighting will be subject to approvals and requirements of the State of Florida's Fish and Wildlife Conservation Commission.



- TRASH/RECYCLING RECEPTACLES
- DRINKING FOUNTAINS
- VITACOURSE EQUIPMENT
- BENCHES
- BIKE RACKS
- PICNIC TABLES
- BEACH SHOWERS
- POOCH POST

Overall Scheme

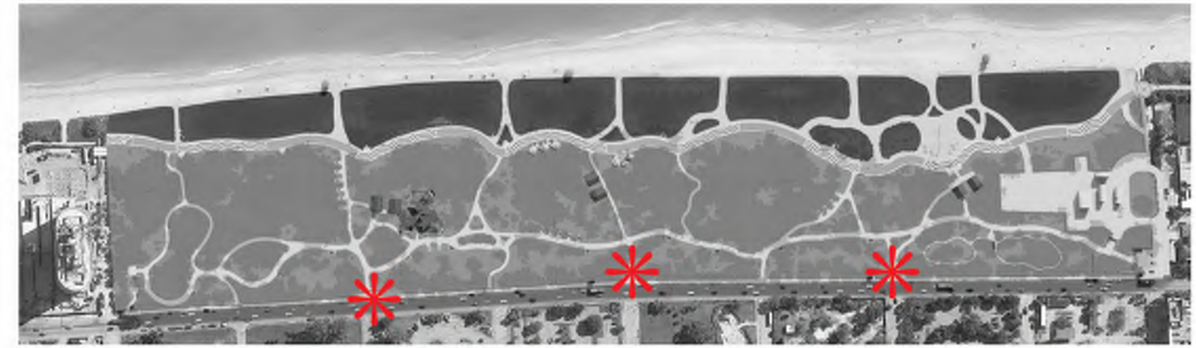
DESIGN ELEMENT DISTRIBUTION SCHEME



Key Map

Collins Ave Frontage - Existing Conditions Photograph

Collins Ave Frontage - Proposed Improvements

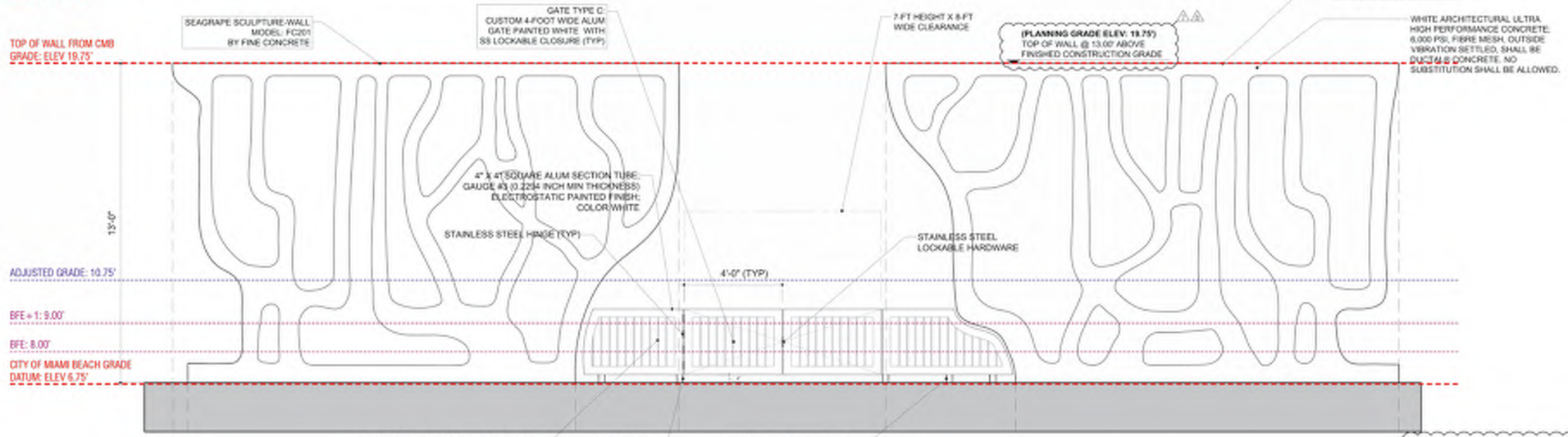


Key Map

Major Gateways - Elevation

Major Gateways - Perpsective Rendering

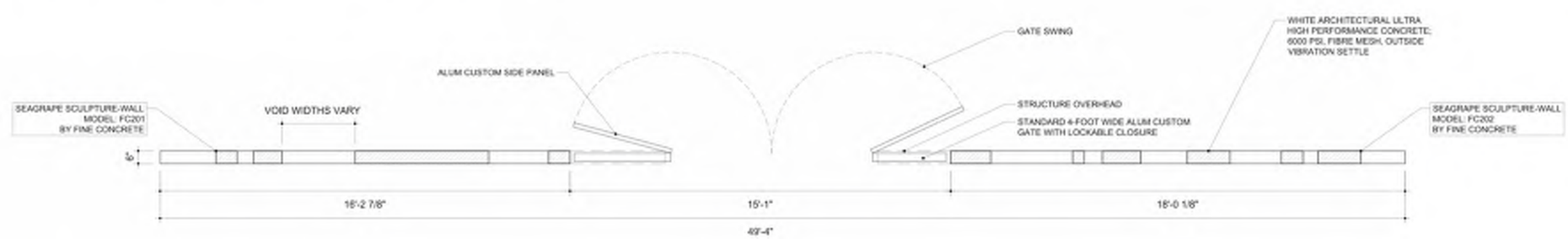
GENERAL NOTE: ALL 'MAJOR' MONUMENT GATEWAY SCULPTURES, FRONTING COLLINS AVE., ARE LOCATED BEYOND THE 'FRONT YARD' AND WITHIN THE DEVELOPABLE AREA OF THE PARK.



NOTE:
THESE DRAWINGS ARE PROVIDED AS DESIGN INTENT. CONTRACTOR SHALL FURNISH ALL SHOP DRAWINGS, SPECIFICATIONS AND SIGNED AND SEALED STRUCTURAL AND GEOTECHNICAL ENGINEERING DRAWINGS FOR ALL CUSTOM DUCTAL® CONCRETE GATEWAY ELEMENTS AND ALL REQUIRED FOUNDATIONS PRIOR TO PURCHASE AND INSTALLATION (TYP.).

1 MAJOR GATEWAY ELEMENT ELEVATION VIEW (FC201 AND FC202) - DESIGN INTENT ONLY

NTS



NOTE:
LANDSCAPE ARCHITECT TO PROVIDE GC WITH A DIGITAL CAD FILE WITH GATEWAY GEOMETRY

2 MAJOR GATEWAY ELEMENT PLAN VIEW (FC201 AND FC202) - DESIGN INTENT ONLY

NTS

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cypress, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6731
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 CLIDER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001842

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TAMMY G. COON-WEEDON, PLLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1426

REVISIONS:
1 11/6/19 FWCC COMMENTS
2 1/3/20 BLDG DEPT

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

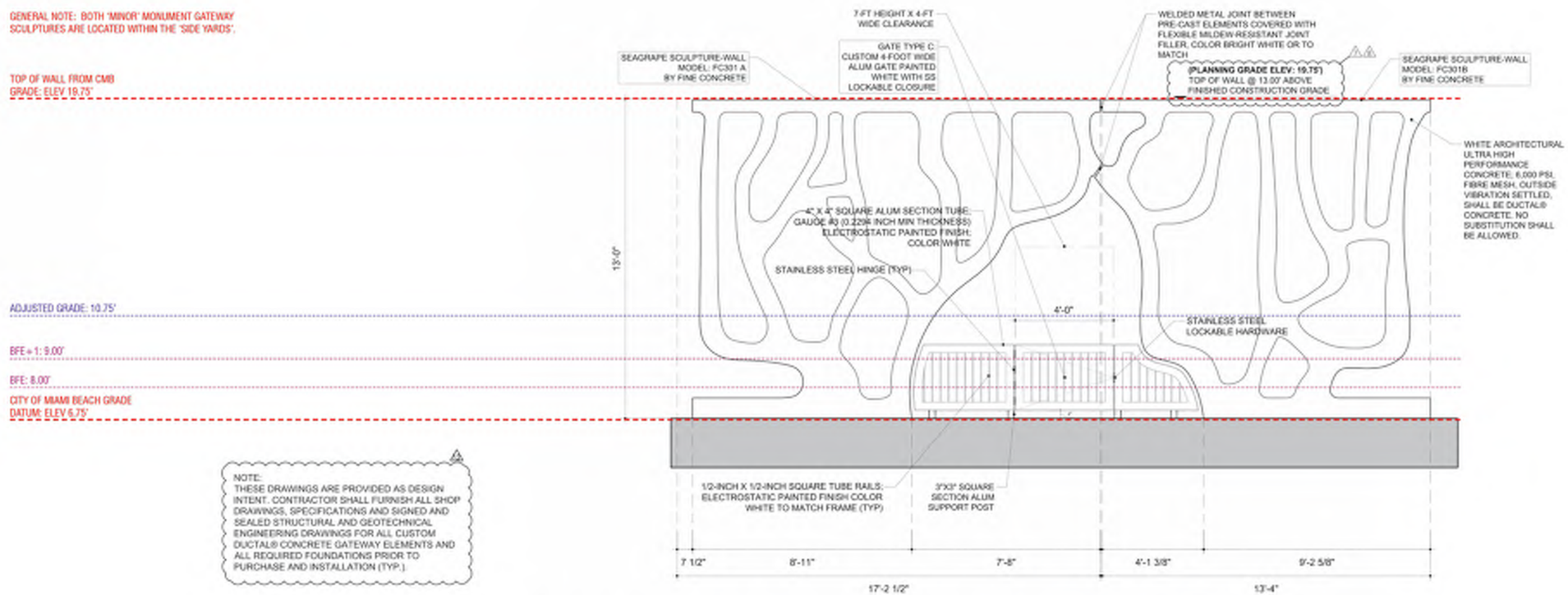
CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MAJOR GATEWAY DETAILS

SHEET NUMBER:
SD-410

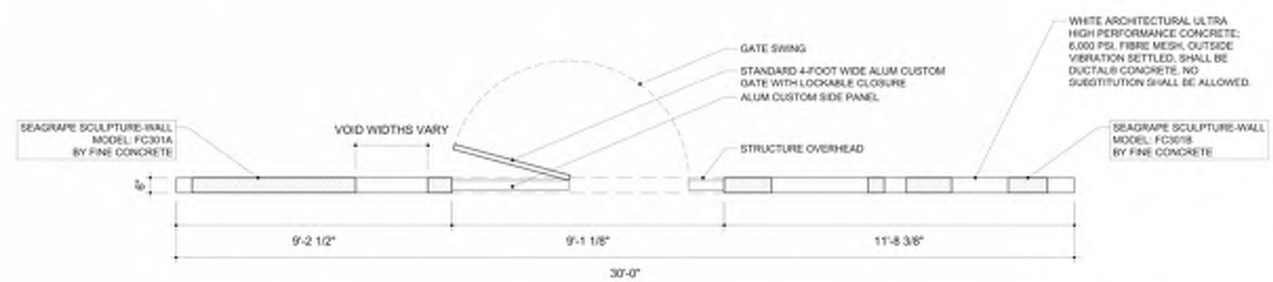
DESIGN ELEMENT HIERARCHIES - ACCESS AND ENTRANCES

GENERAL NOTE: BOTH 'MINOR' MONUMENT GATEWAY SCULPTURES ARE LOCATED WITHIN THE 'SIDE YARDS'.



NOTE:
THESE DRAWINGS ARE PROVIDED AS DESIGN INTENT. CONTRACTOR SHALL FURNISH ALL SHOP DRAWINGS, SPECIFICATIONS AND SIGNED AND SEALED STRUCTURAL AND GEOTECHNICAL ENGINEERING DRAWINGS FOR ALL CUSTOM DUCTAL® CONCRETE GATEWAY ELEMENTS AND ALL REQUIRED FOUNDATIONS PRIOR TO PURCHASE AND INSTALLATION (TYP.).

1 **MINOR GATEWAY ELEMENT ELEVATION VIEW (FC301A AND FC301B) - DESIGN INTENT ONLY** NTS



NOTE:
LANDSCAPE ARCHITECT TO PROVIDE GC WITH A DIGITAL CAD FILE WITH GATEWAY GEOMETRY

2 **MINOR GATEWAY ELEMENT PLAN VIEW (FC301A AND FC301B) - DESIGN INTENT ONLY** NTS

811 DIGIT BELOW ALERTS CALL 811 BEFORE YOU DIG

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cinco, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000028
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ULLOA DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001943

GEOTECHNICAL CONSULTANT:
KITTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33176
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT
7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY G. COOK-BRISSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1326

REVISIONS:
1 11/8/19 FWCC COMMENTS
2 1/3/20 BLDG DEPT

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

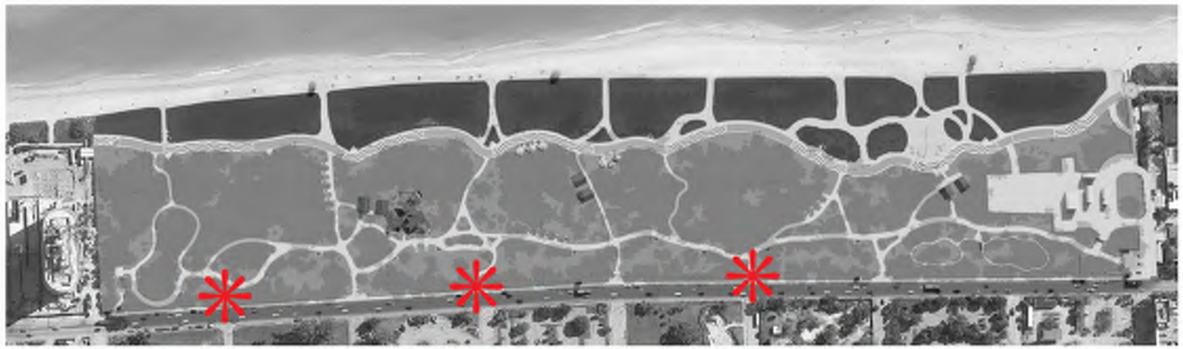
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MINOR GATEWAY DETAILS

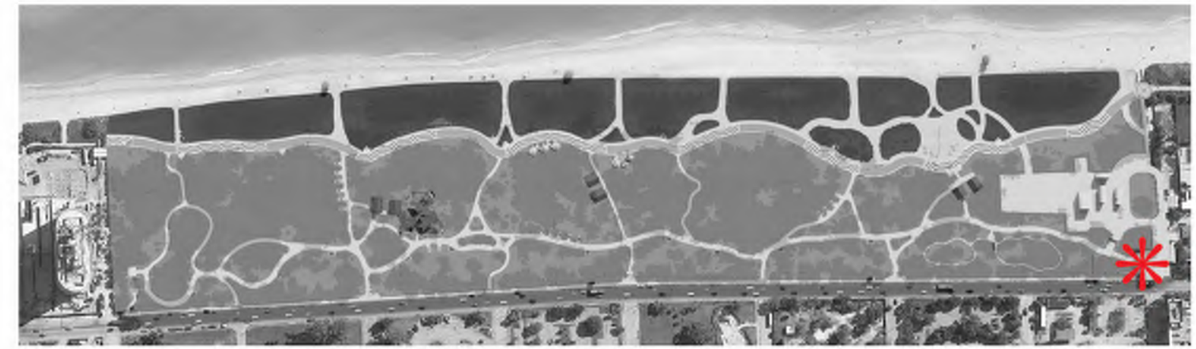
SHEET NUMBER:
SD-411



Key Map

Accessway Entrances - Elevation

Accessway Entrances - Perpsective Rendering



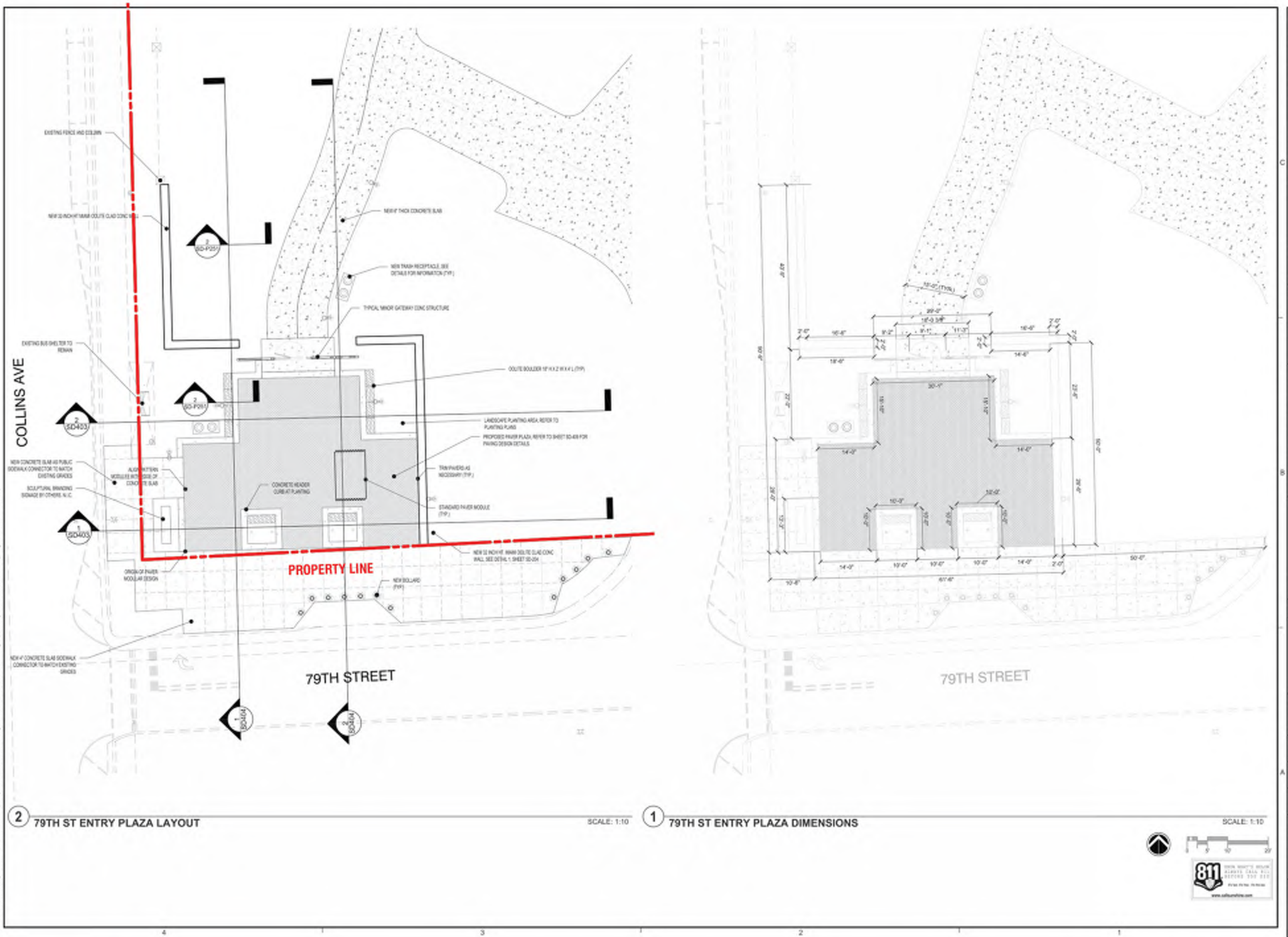
Key Map

79th Street Plaza Entrance - Axonometric View

79th Street Plaza Entrance - Elevation View

DESIGN ELEMENT HIERARCHIES - ACCESS AND ENTRANCES

79th Street Plaza Entrance - Experiential View



2 79TH ST ENTRY PLAZA LAYOUT SCALE: 1:10

1 79TH ST ENTRY PLAZA DIMENSIONS SCALE: 1:10

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6731
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TIMMY G. COON-WEBSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE NO. 1328

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

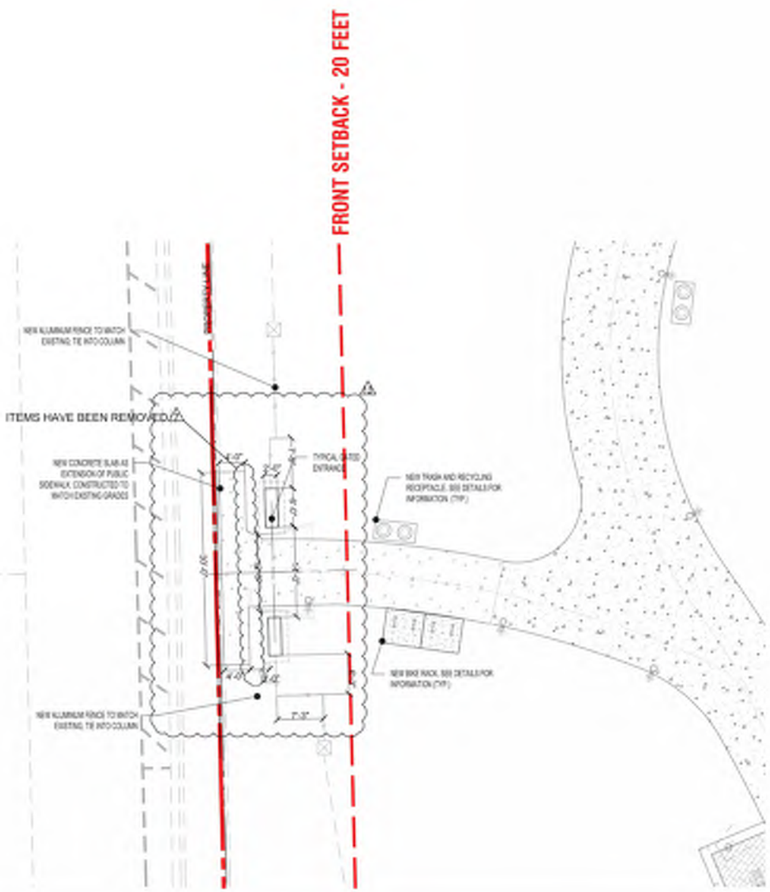
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

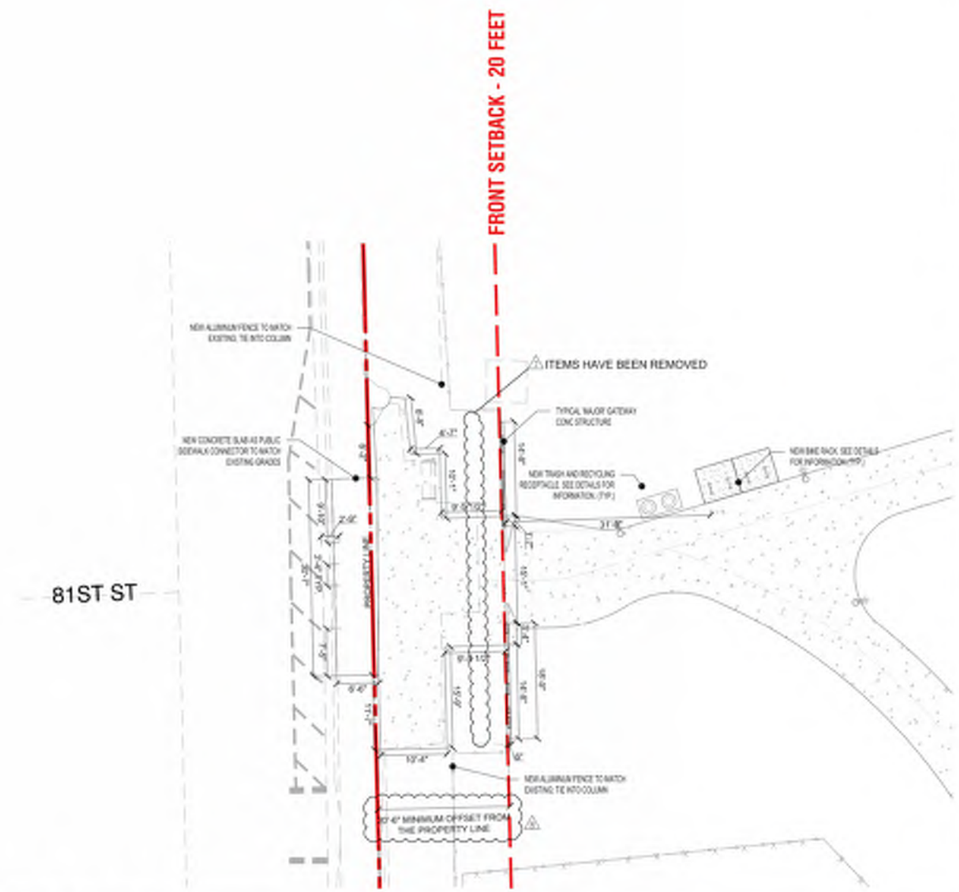
SHEET TITLE:
79TH ST ENTRY PLAZA - LAYOUT AND DIMENSION

SHEET NUMBER:
1
SD-401



2 82ND ST ENTRY GATEWAY

SCALE: 1:10



1 81ST ST ENTRY GATEWAY

SCALE: 1:10

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.987.7550 • Fax: 954.267.9807

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1600 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TAMMY D. COON-WEISSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1246

REVISIONS:
1 11/8/19 PBCC COMMENTS
2 1/3/20 BLDG DEPT

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

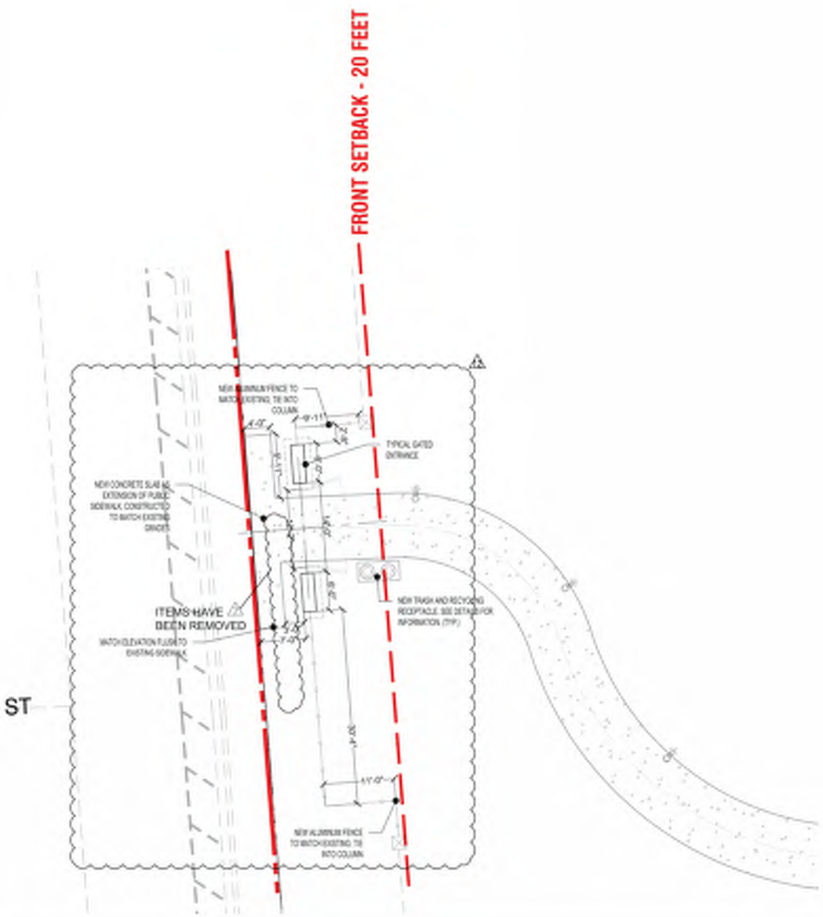
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

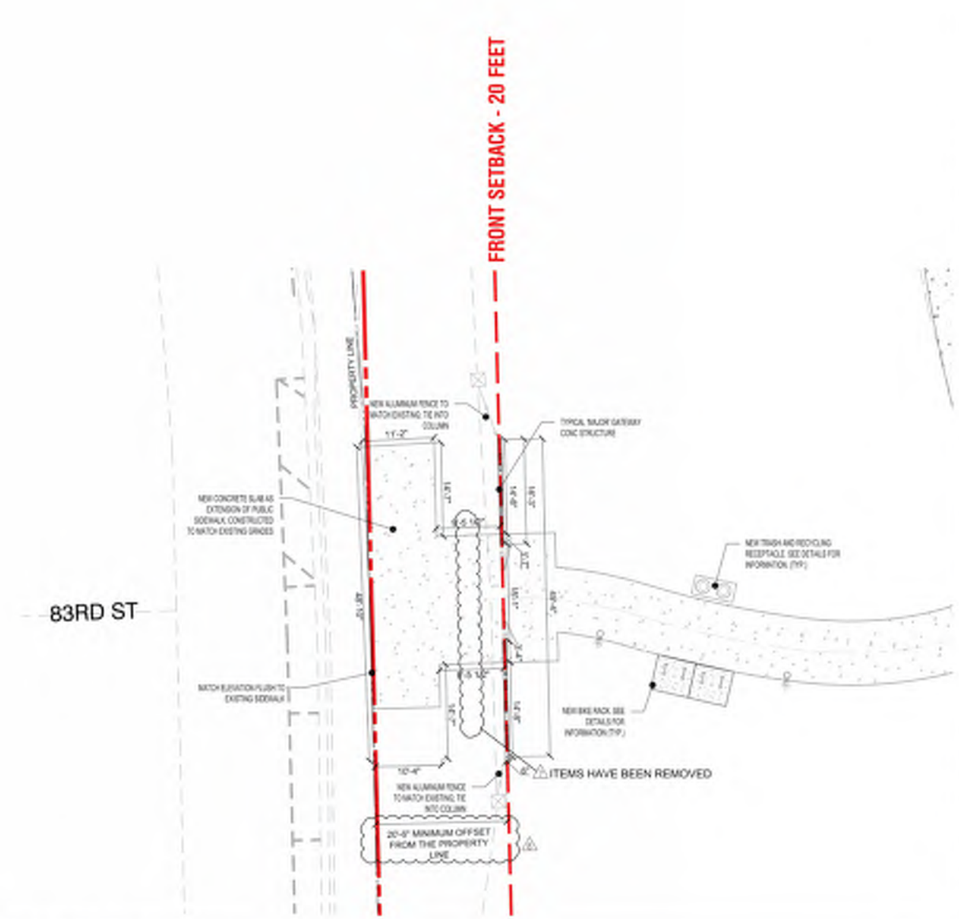
SHEET TITLE:
ENTRY GATEWAY PLAN ENLARGEMENTS

SHEET NUMBER:
SD-414



2 84TH ST ENTRY GATEWAY

SCALE: 1:10



1 83RD ST ENTRY GATEWAY

SCALE: 1:10

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.987.7550 • Fax: 954.267.9807

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6731

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1680 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
HUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TAMMY D. COON-MISSION, R.L.A.
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE NO. 1246

REVISIONS:
1 11/8/19 PRCC COMMENTS
2 1/3/20 BLDG DEPT

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

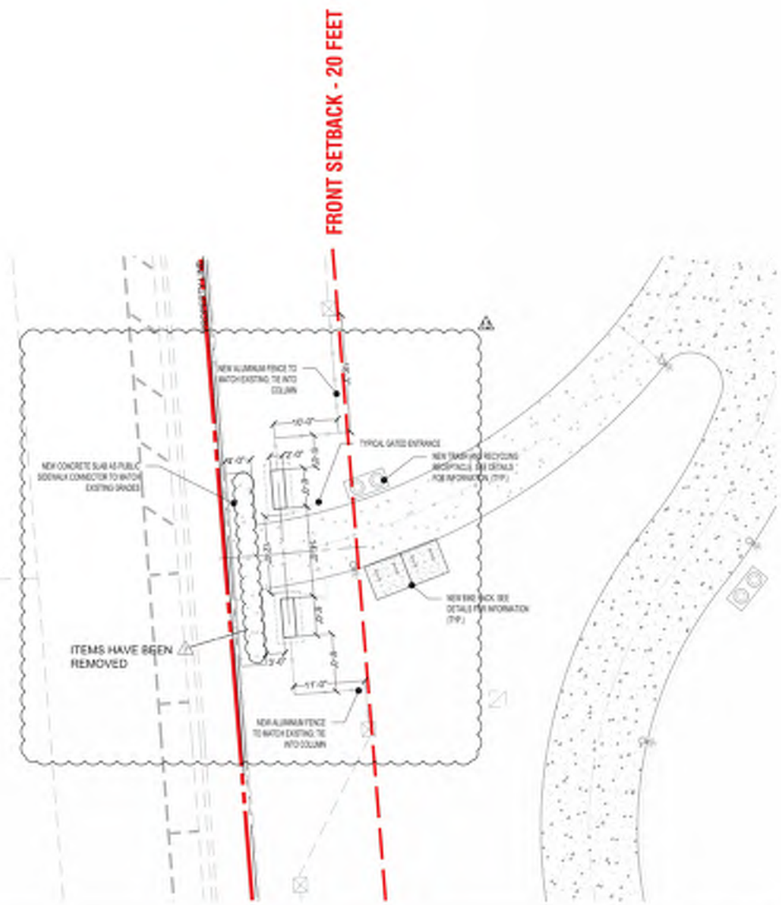
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

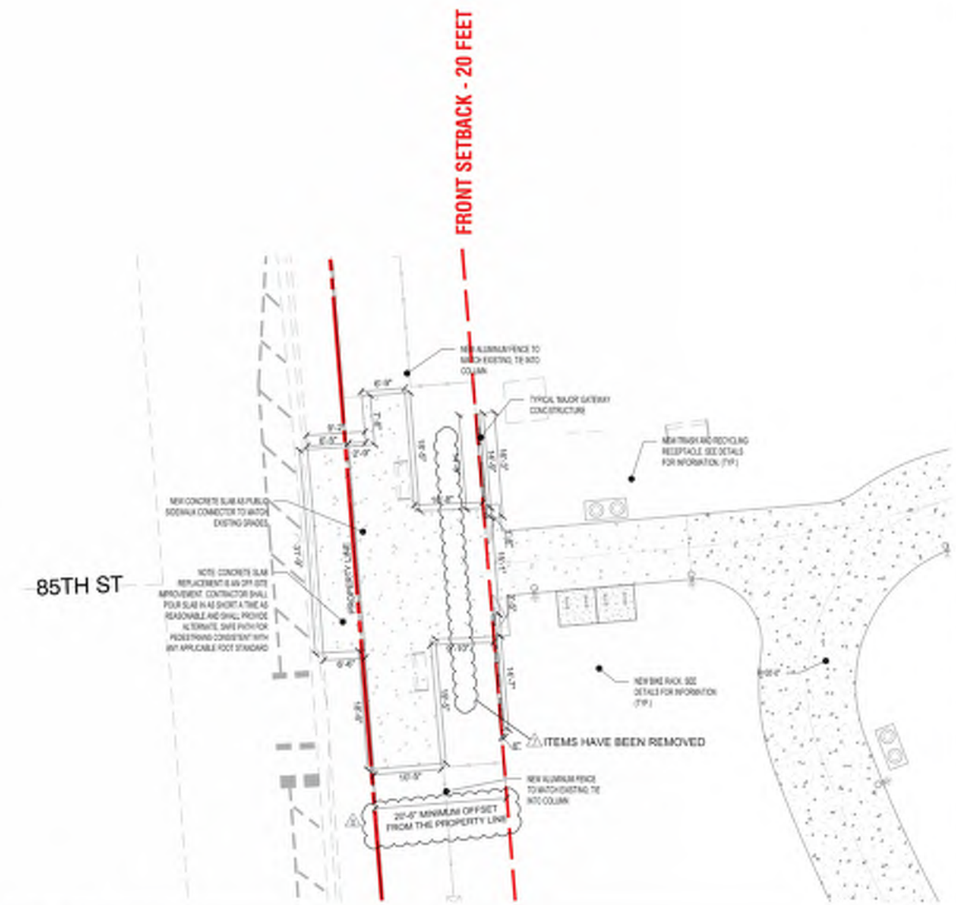
SHEET TITLE:
ENTRY GATEWAY PLAN ENLARGEMENTS

SHEET NUMBER:
SD-415



2 86TH ST ENTRY GATEWAY

SCALE: 1:10



1 85TH ST ENTRY GATEWAY

SCALE: 1:10

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6731

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0001890

GEOTECHNICAL CONSULTANT:
KITTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7100 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TIMOTHY D. COON, PRINCIPAL, PLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:
1 11/8/19 PBCC COMMENTS
2 1/3/20 BLDG DEPT

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

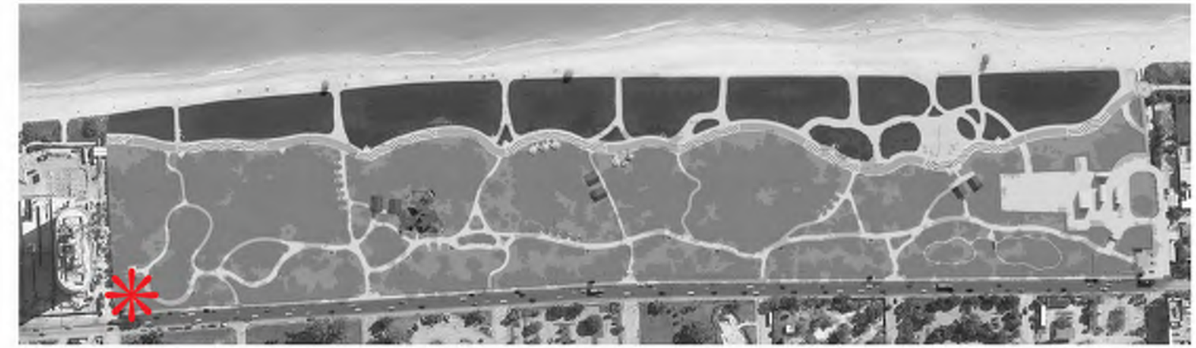
CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
ENTRY GATEWAY PLAN ENLARGEMENTS

SHEET NUMBER:
SD-416

DRAWING FILE: P:\Projects\2015\15934 North Shore Open Space Park\CADD\Files\Drawings\15934-SD-SITE_ELEMENTS.dwg - Photo by: Dominic Mack on Wednesday, August 19, 2020 1:23:55 PM

87th Street Plaza Entrance - Tree Canopy



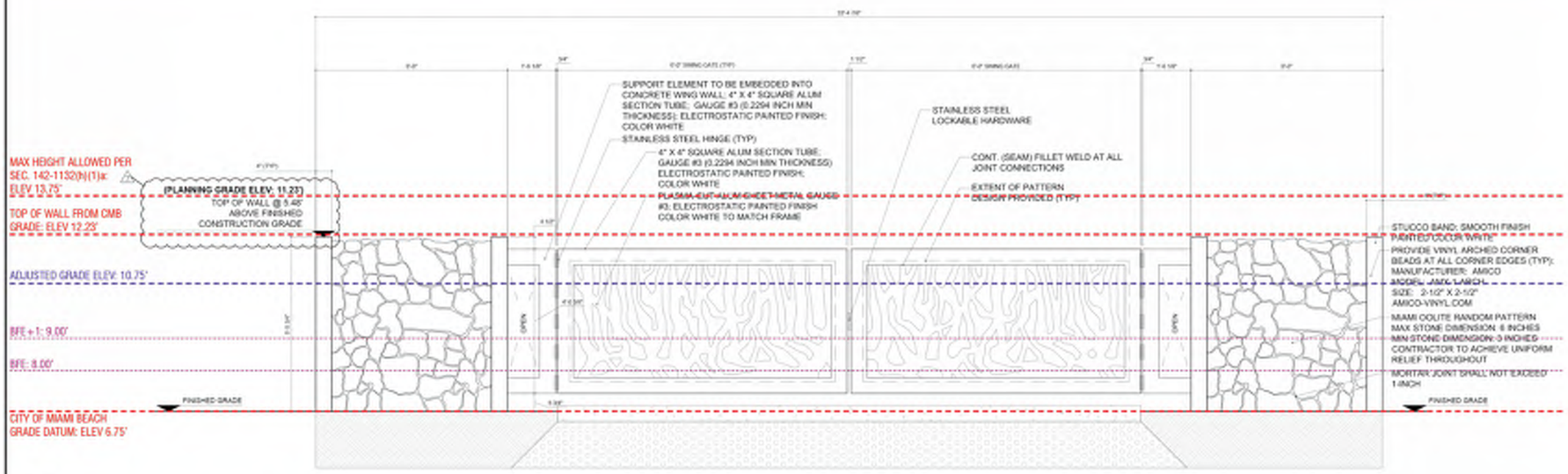
Key Map

87th Street Plaza Entrance - Axonometric View

87th Street Plaza Entrance - Elevation View

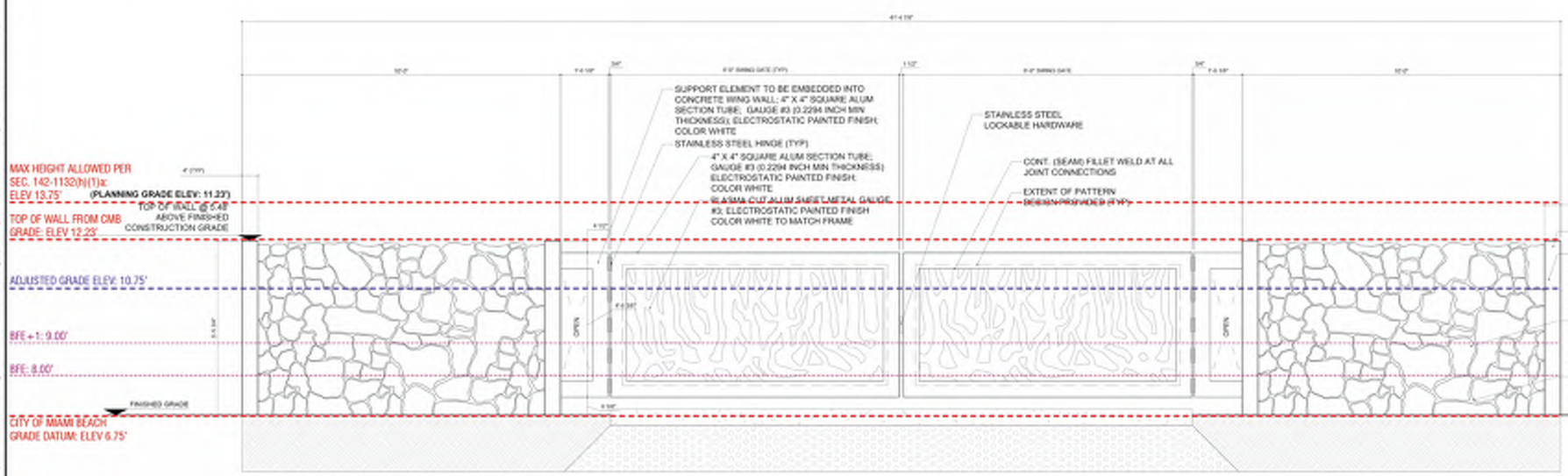
DESIGN ELEMENT HIERARCHIES - ACCESS AND ENTRANCES

TOP OF FEATURE DATUM FROM BFE + 1: 14.00'



1 SMALL GATEWAY BEACH ELEVATION - DESIGN INTENT ONLY

NTS



2 LARGE GATEWAY BEACH GEOMETRY - DESIGN INTENT ONLY

NTS

NOTE:
THESE DRAWINGS ARE PROVIDED AS DESIGN INTENT. CONTRACTOR SHALL PROVIDE LANDSCAPE ARCHITECT WITH SHOP DRAWINGS, SPECIFICATIONS AND SIGNED AND SEALED ENGINEERING DRAWINGS FOR ALL CUSTOM ALUMINUM GATE ELEMENTS AND ALL REQUIRED FOUNDATIONS PRIOR TO PURCHASE AND INSTALLATION (TYP.).
NOTE:
LANDSCAPE ARCHITECT TO PROVIDE GC WITH A DIGITAL CAD FILE WITH ALUMINUM GATE GEOMETRY

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1st Ave., Suite 500, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.8807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANI SAFE, LLC
1680 SE 1st AVENUE
SUITE 200
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003960

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

"I HEREBY CERTIFY THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF FLORIDA"
LICENSE No. 1326

REVISIONS:
1 11/6/19 PRCC COMMENTS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

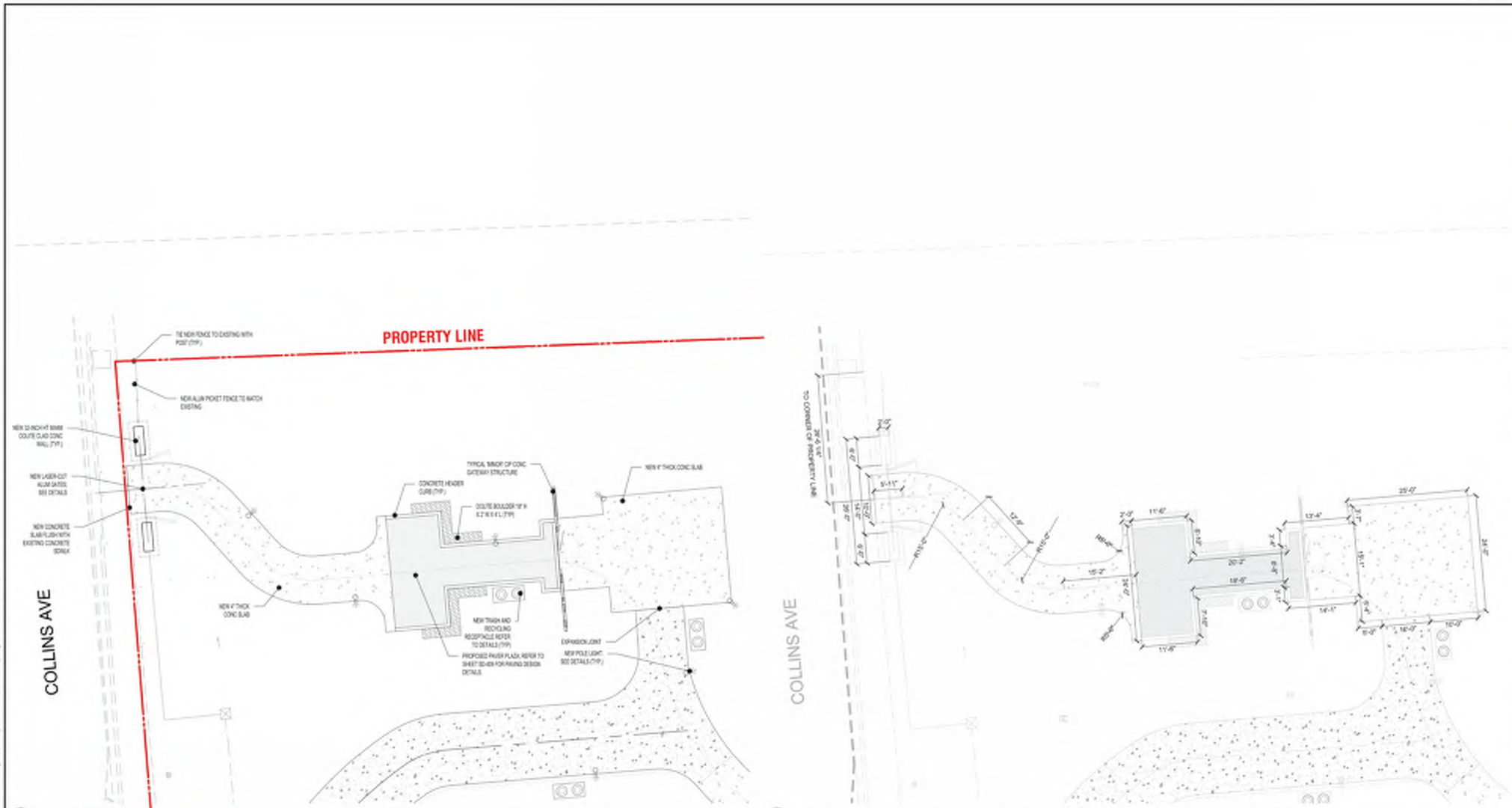
CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
COLLINS AVENUE GATEWAY ELEVATIONS

SHEET NUMBER:
SD-421

DRAWING FILE: P:\Projects\2015\15934 North Shore Open Space Park\CADD Files\Drawings\15934-SD-GA(1)\NW1-BEACH.dwg - (Plotted by: Dominic Maio on Wednesday, September 2, 2020 12:11:37 PM)

87th Street Plaza Entrance - Experiential View



2 87TH ST ENTRY PLAZA LAYOUT SCALE: 1:10

1 87TH ST ENTRY PLAZA DIMENSIONS SCALE: 1:10

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.987.7550 • Fax: 954.987.9847

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6731

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANI SAFE, LLC
1600 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001943

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7100 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TAMMY G. COON-WEBSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

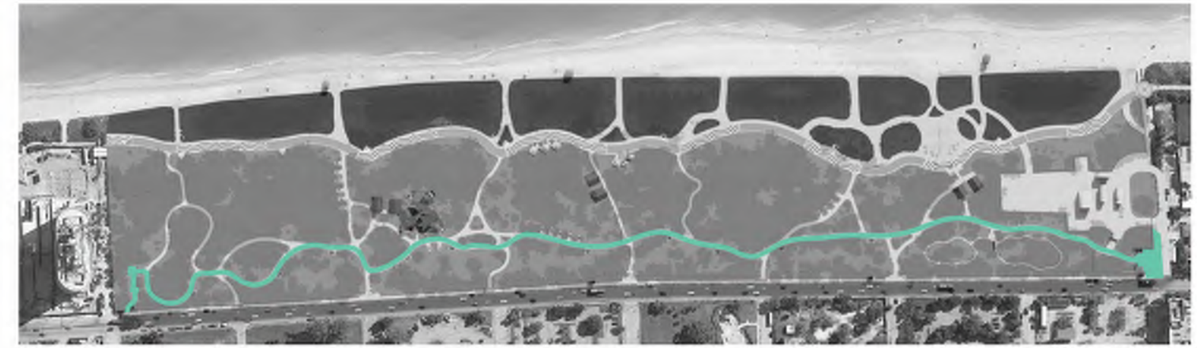
CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
87TH ST ENTRY PLAZA - LAYOUT AND DIMENSION PLAN

SHEET NUMBER:
1
SD-405

DRAWING FILE: P:\Projects\2015\15934-North Shore Open Space Park\CADD Files\Drawings\15934-SD-GA1(SD407-PLAZAS).dwg - - Plotted by: Gianni Ford on Thursday, August 13, 2020 12:19:24 PM

Atlantic Way - Typial Section

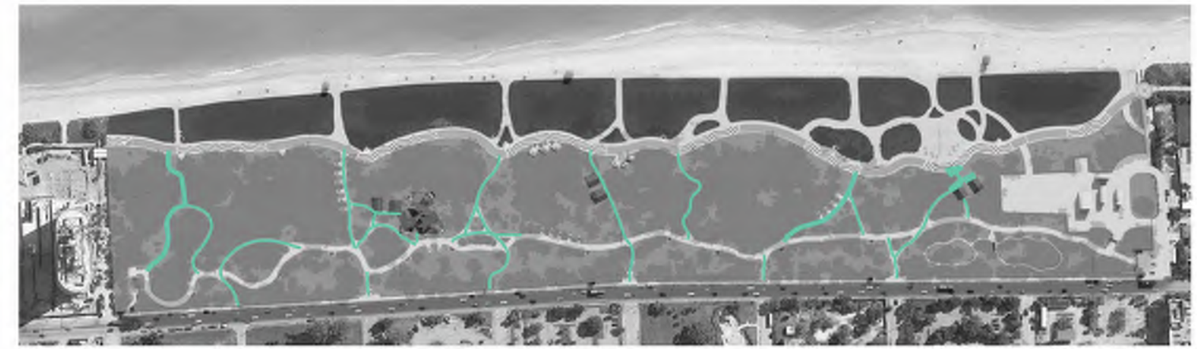


Key Map

Atlantic Way - Experiential View

Atlantic Way - Paving Design

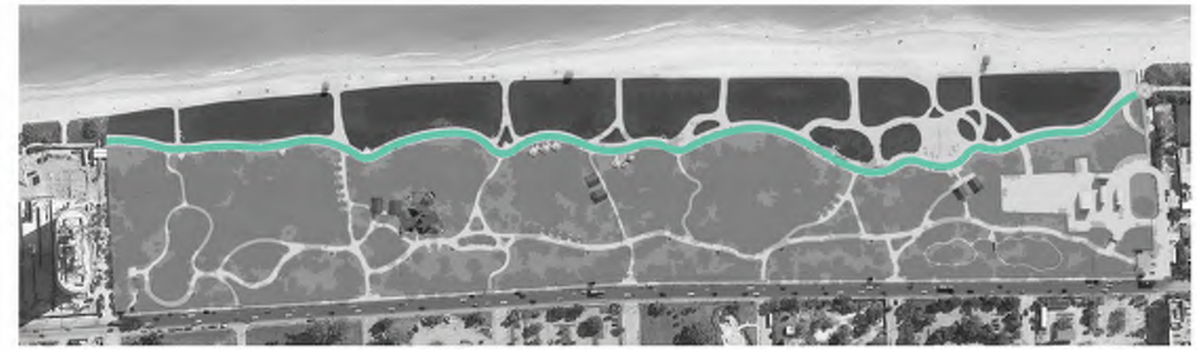
Secondary Pathways - Typical Section



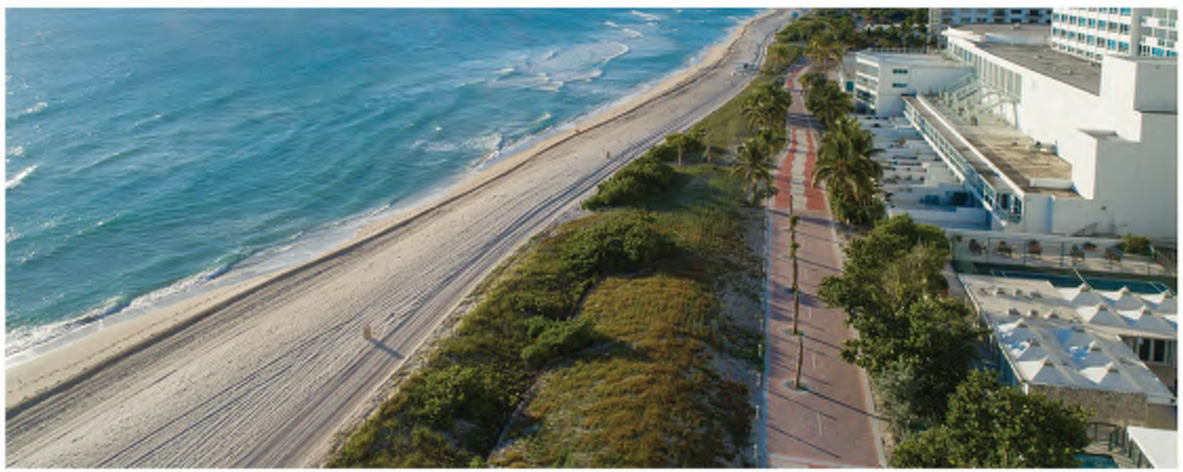
Key Map

Secondary Pathways - Experiential View

Beachwalk - Section View



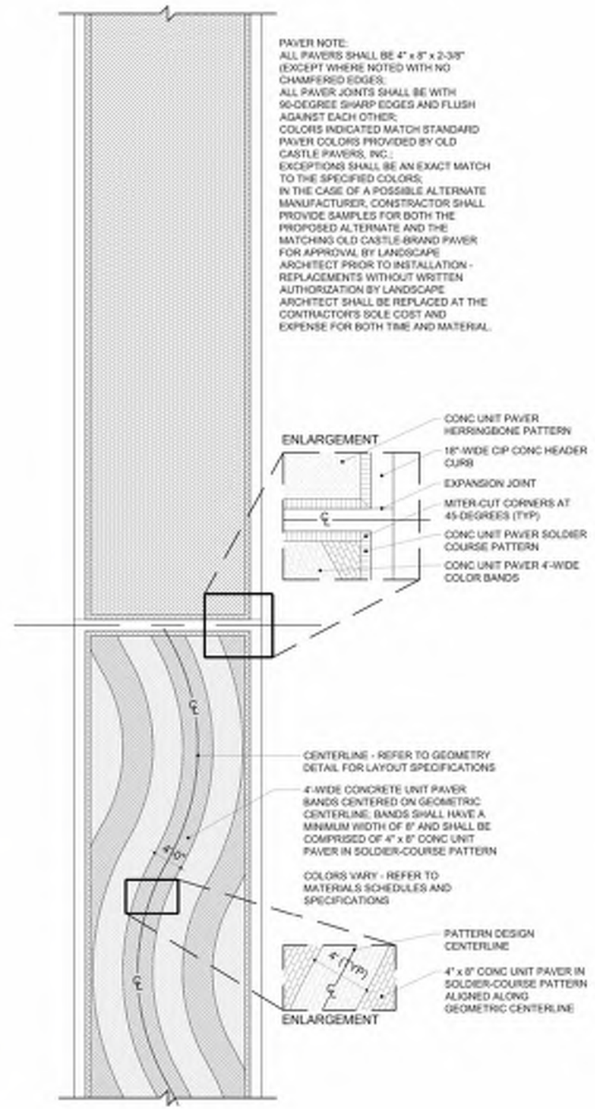
Key Map



Beachwalk - Precedent: Middle Beach Recreational Corridor Phase II (Previously-Completed)

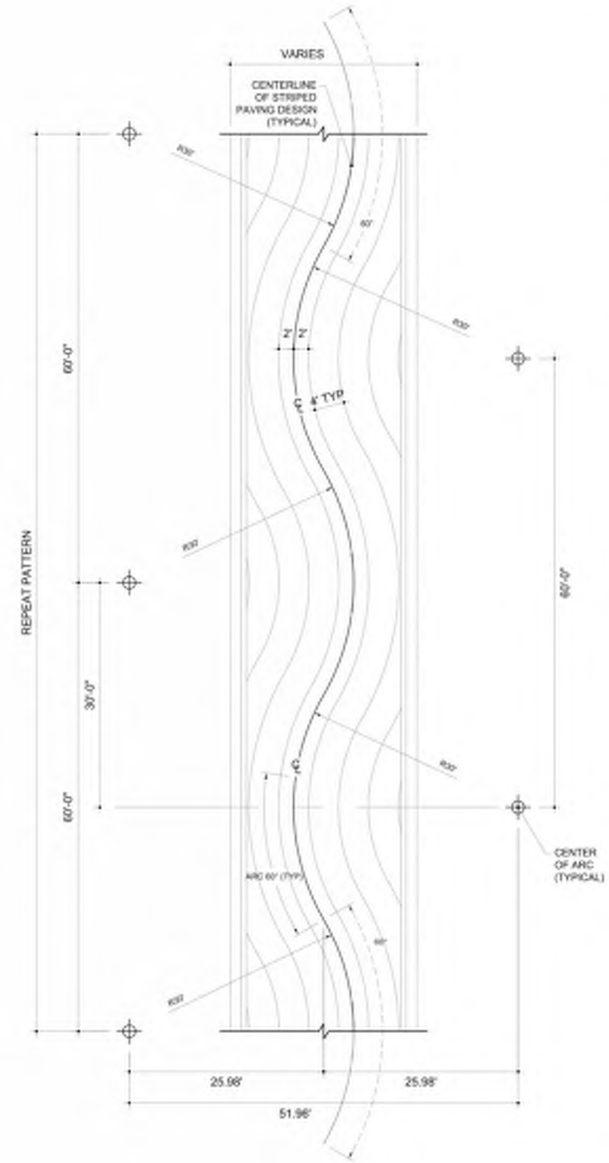
Beachwalk - Access View from 79th Street

Beachwalk - Experiential View



PAVER NOTE:
ALL PAVERS SHALL BE 4" x 8" x 2-3/8" (EXCEPT WHERE NOTED WITH NO CHAMFERED EDGES;
ALL PAVER JOINTS SHALL BE WITH 90-DEGREE SHARP EDGES AND FLUSH AGAINST EACH OTHER;
COLORS INDICATED MATCH STANDARD PAVER COLORS PROVIDED BY OLD CASTLE PAVERS, INC.;
EXCEPTIONS SHALL BE AN EXACT MATCH TO THE SPECIFIED COLORS;
IN THE CASE OF A POSSIBLE ALTERNATE MANUFACTURER, CONSTRACTOR SHALL PROVIDE SAMPLES FOR BOTH THE PROPOSED ALTERNATE AND THE MATCHING OLD CASTLE-BRAND PAVER FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION - REPLACEMENTS WITHOUT WRITTEN AUTHORIZATION BY LANDSCAPE ARCHITECT SHALL BE REPLACED AT THE CONTRACTOR'S SOLE COST AND EXPENSE FOR BOTH TIME AND MATERIAL.

2 BEACHWALK PAVER DESIGN NTS



1 PAVER BANDS GEOMETRY LAYOUT NTS

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1 Ave, Suite 600, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
1680 ULLER DRIVE
SUITE 680
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940
GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE BEACHWALK PROJECT

7929 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

12/13/2019
TAMMY D. COON-WESSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

SCALE:
AS SHOWN

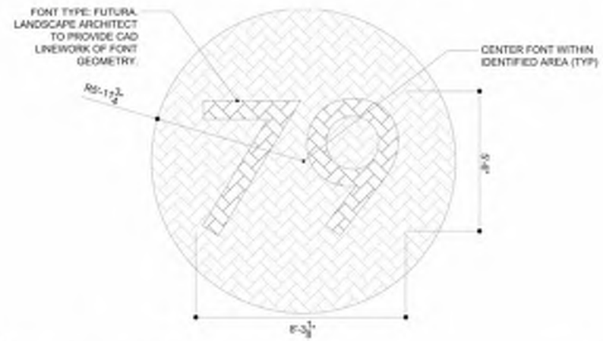
ISSUE DATE:
11/05/2019

CGA PROJECT NUMBER:
15-7934

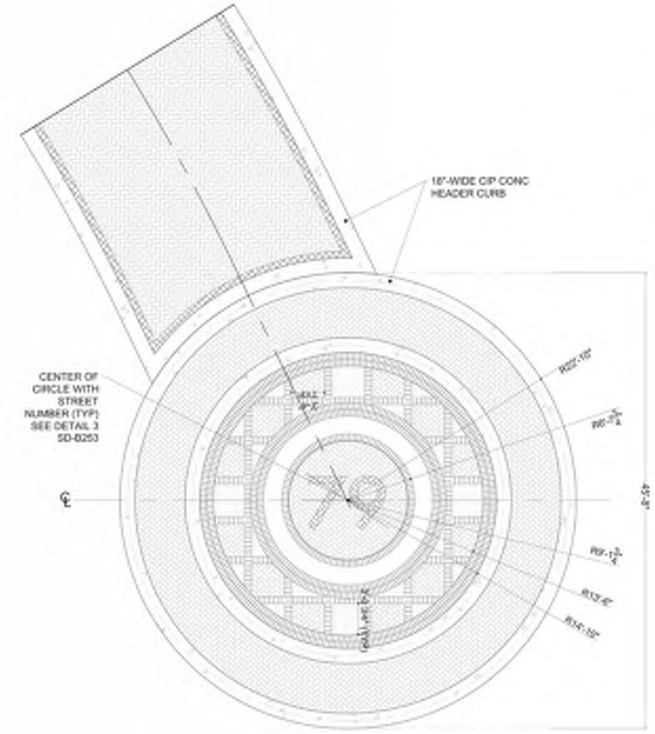
SHEET TITLE:
PAVING & EDGING DETAILS - BEACHWALK

SHEET NUMBER:
SD-B251

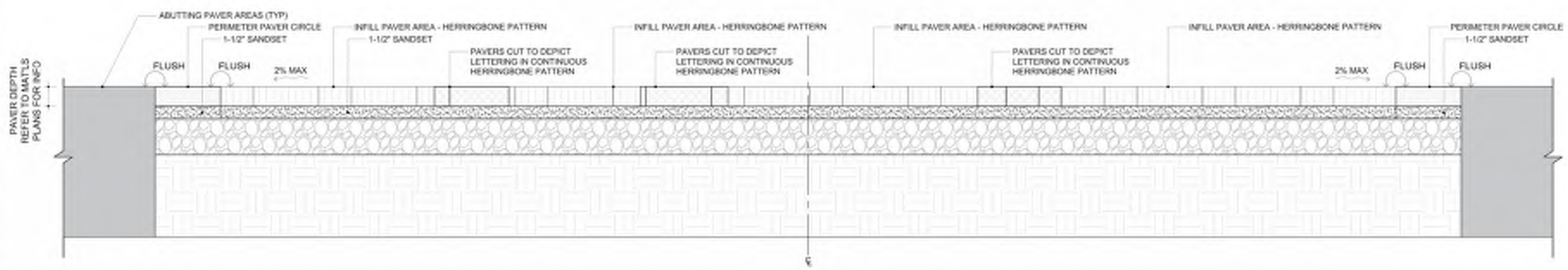
DRAWING FILE: P:\Projects\2015\15934 North Shore Open Space Park\CADD Files\Drawings\15934-SD-PAVING_EDGING-BEACHWALK.dwg - Plotted by: Dominic Black on Thursday, March 12, 2020 9:15:12 AM



3 PAVER CIRCLE NUMBER GEOMETRY NTS



1 PAVER CIRCLE NUMBER DESIGN DETAIL NTS



2 PAVER CIRCLE NUMBER DETAIL NTS

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1 Ave., Suite 600, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYMLOWSKI ROWIN SKYE, LLC
1900 ELLER DRIVE
SUITE 600
FORT LAUDERDALE, FL 33316
FWB LICENSE: AA26001940
GEOTECHNICAL CONSULTANT:
KUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 6XXX

NORTH BEACH OCEANSIDE BEACHWALK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

12/13/2019
TAMMY D. COON-WEDDON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1328

REVISIONS:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

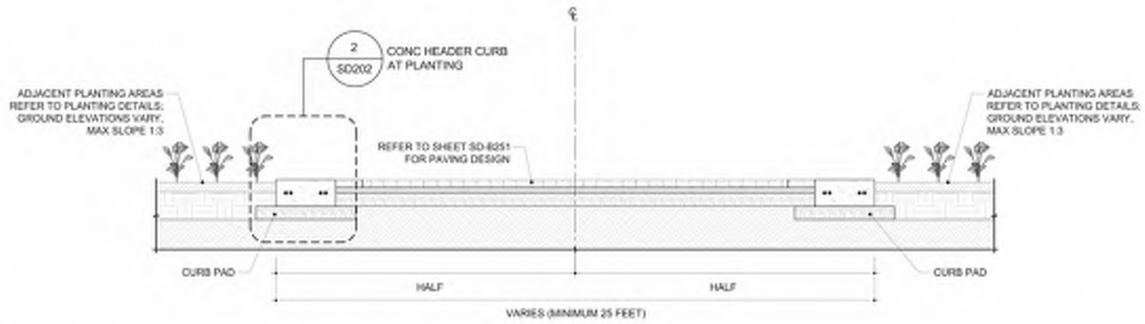
SCALE:
AS SHOWN

ISSUE DATE:
11/06/2019

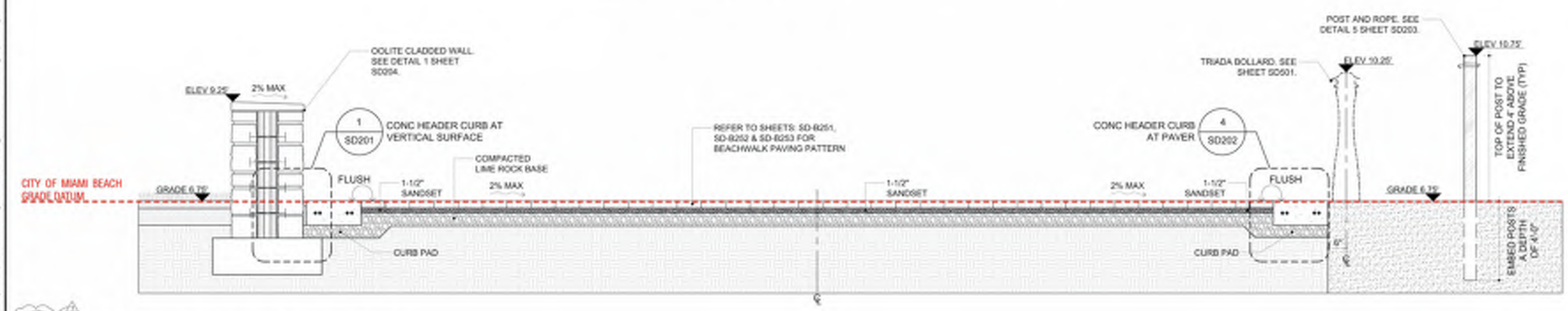
CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PAVING & EDGING DETAILS - BEACHWALK

SHEET NUMBER:
SD-B253



2 BEACHWALK SECTION (TYPICAL) NTS



1 OOLITE WALL AND BEACHWALK SECTION (TYP) NTS

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1 Ave., Suite 600, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
303 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANI SAFE, LLC
1680 ULLER DRIVE
SUITE 500
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 4444

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TABBY D. COON-WEEDON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 9/27/19 PUBLIC WORKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

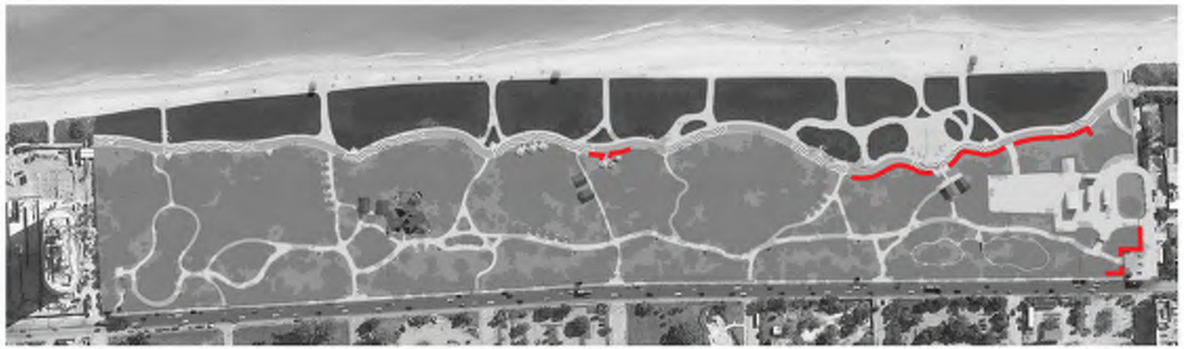
SHEET TITLE:
PAVING & EDGING DETAILS - BEACHWALK

SHEET NUMBER:
SD-B254

Beachwalk - Drone-like Perspective View

Historic Coral Wall - Lummus Park

Historic Coral Wall - Altos del Mar Park



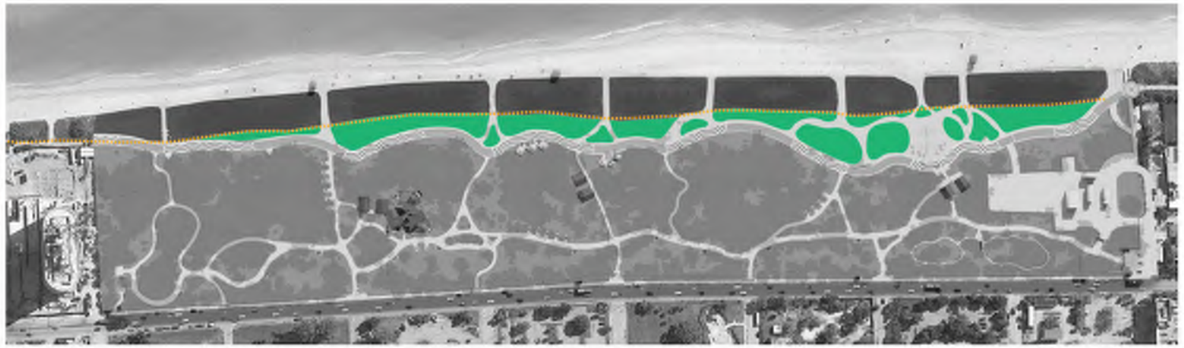
Key Map

Coral Wall - Experiential View from Park

Coral Wall - Experiential View from Beachwalk

Typical Dune Vegetation - Strand Species Mix

Typical Dune Vegetation - Pioneer Species Mix



Key Map

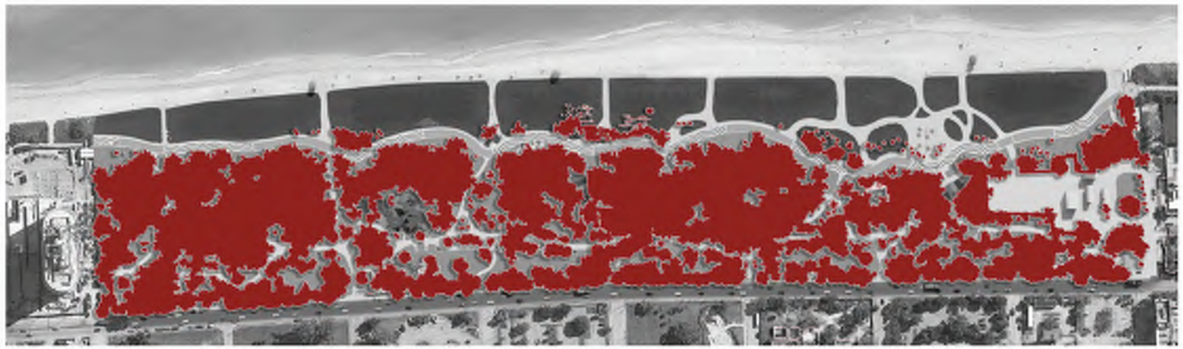
Enhanced Dunes - Experiential View

Enhanced Dunes - Experiential View

Existing Mat'ls: Trees and Shrubs

Existing Mat'ls: Trees and Mulch

Existing Mat'ls: Sodded & Aphalt



Key Map

Canopy Coverage Areas - Existing Photograph

Canopy Coverage Areas - Proposed Rendering

Lawn Areas - Existing Photograph

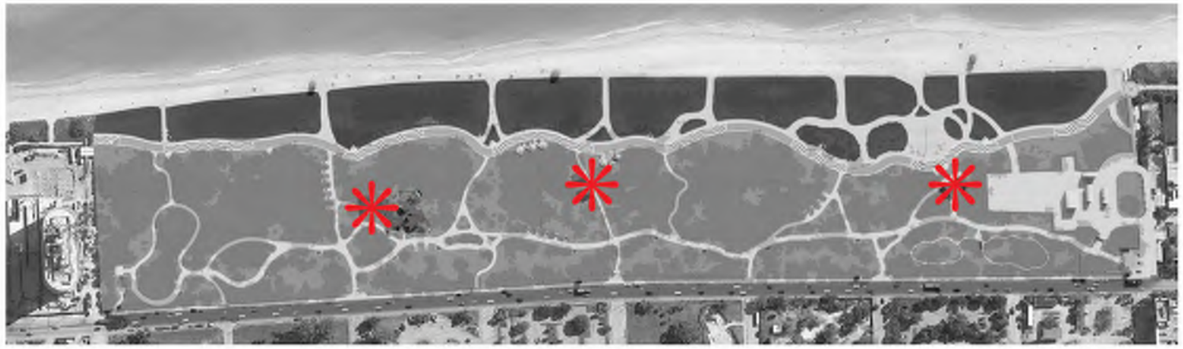
Lawn Areas - Proposed Rendering

PLANTING AND VEGETATION - OVERALL QUALITIES

Existing Trees

Proposed Trees

PLANTING AND VEGETATION - TREE CANOPY



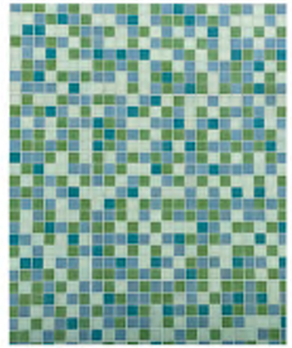
Key Map

Existing Conditions - Exterior

Existing Conditions - Interior

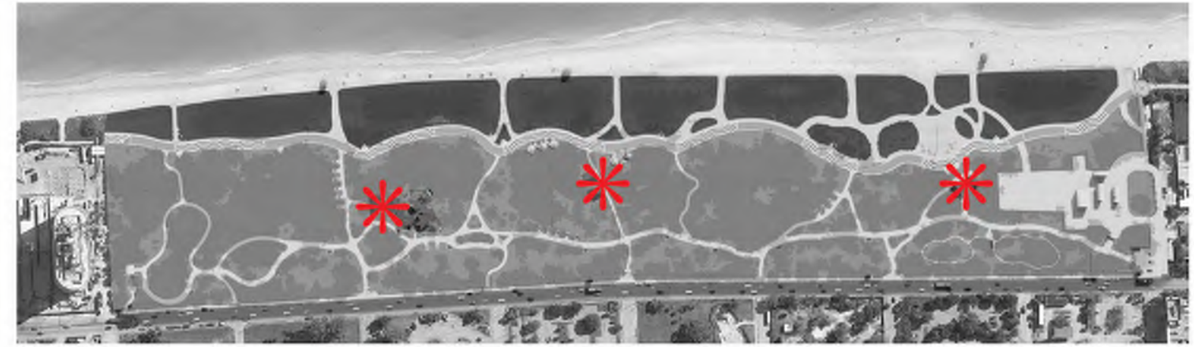
A: Color - Wall

B: Color - Wall



C: Color - Mosaic

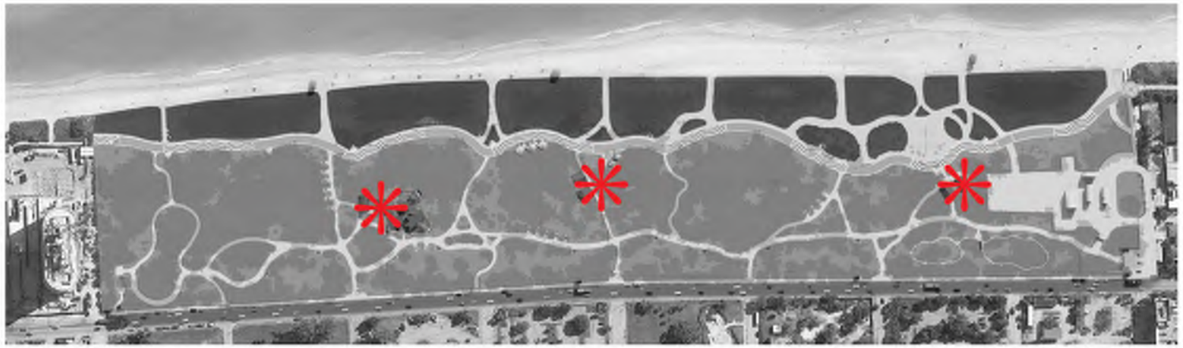
D: Color - Louvers



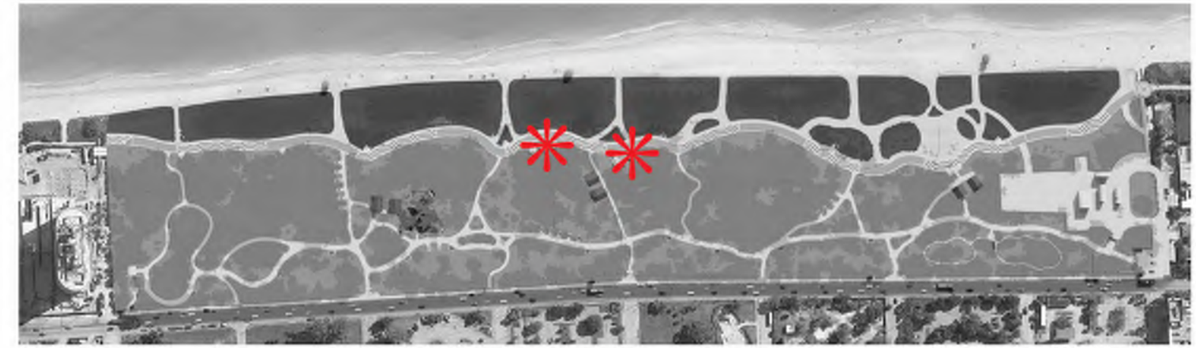
Key Map

Restrooms - Typical Elevation Rendering

Restrooms - Anticipated Typical Interior Improvements (Based on Previously Renovated Projects)



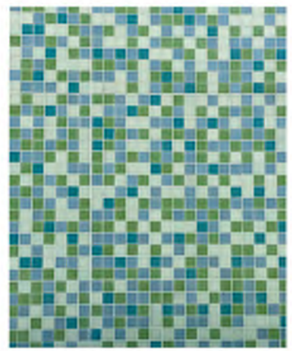
Concrete Shelters - Key Map



Wood Pavilions - Key Map

A: Color - Wall

B: Color - Wall



C: Color - Mosaic

D: Color - Louvers

Overall Color

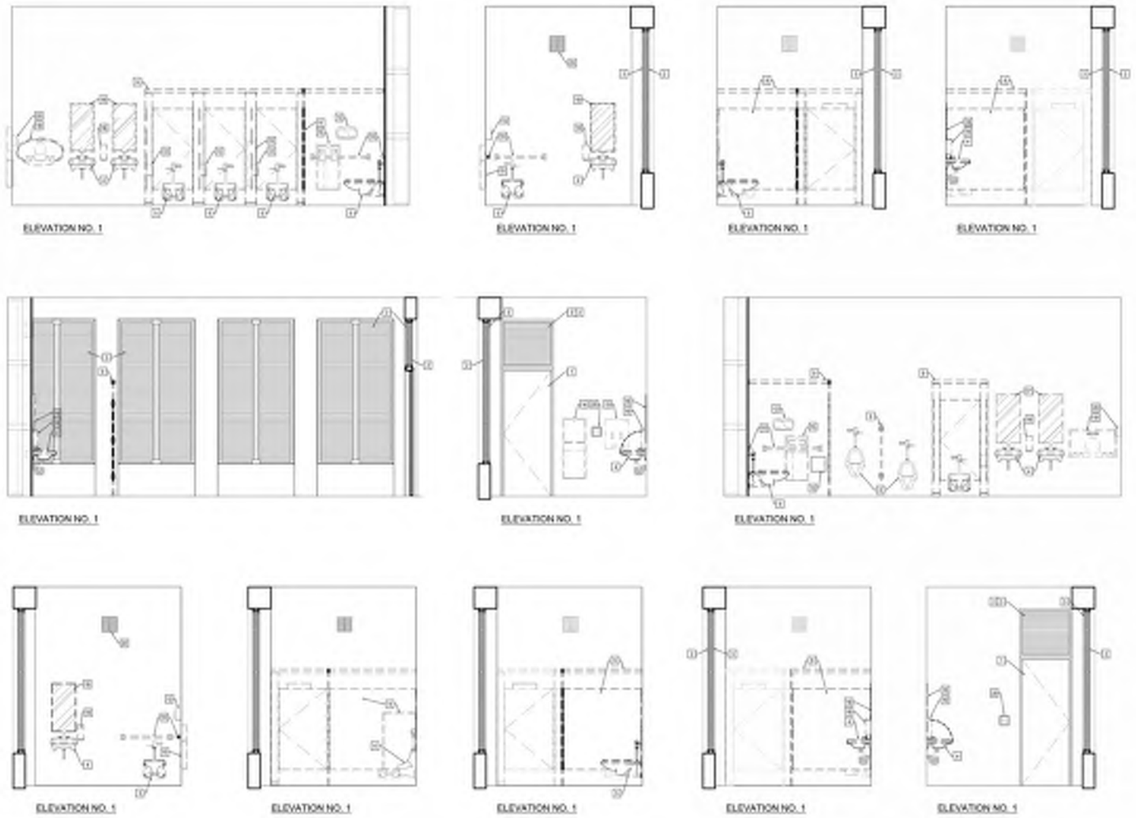
Concrete Shelters - Existing Conditions

Concrete Shelters - Proposed Rendering

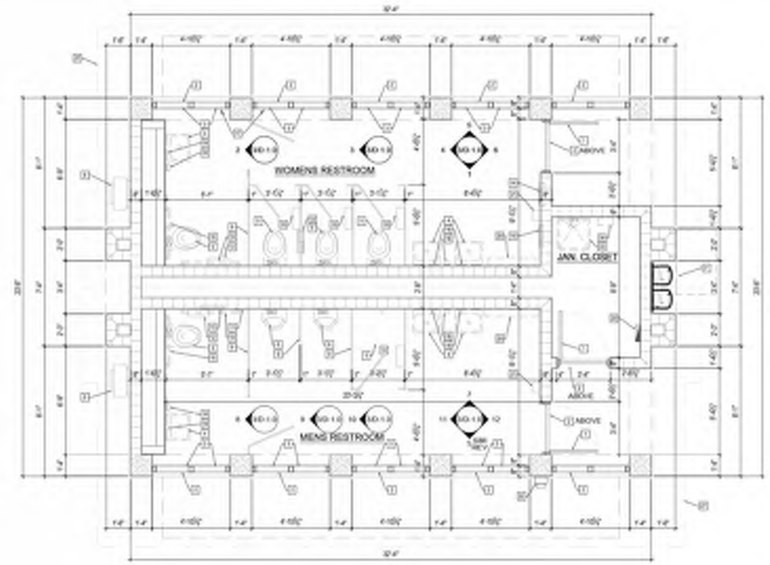
Wood Pavilions - Existing Conditions

Wood Pavilions - Proposed Rendering

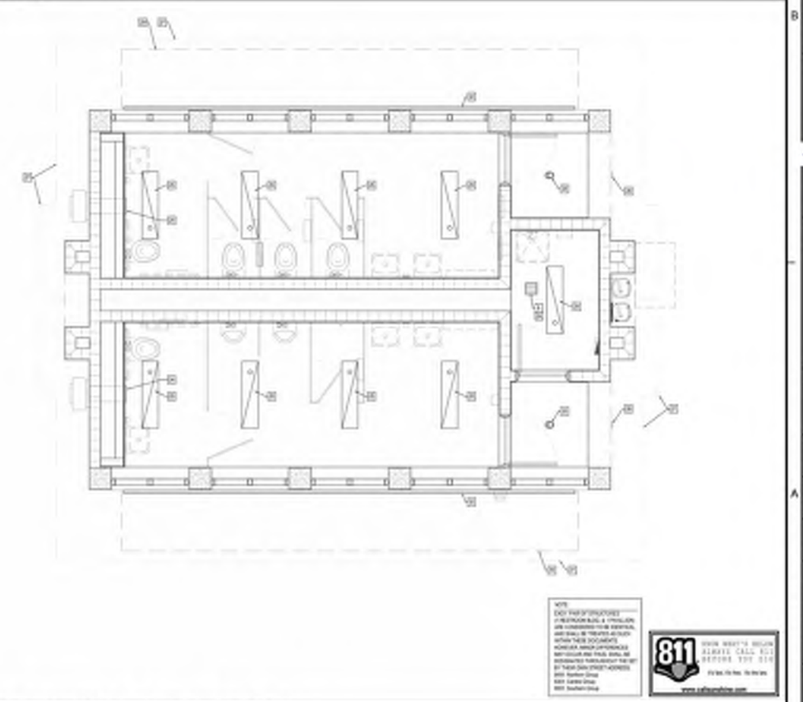
AMENITIES - CONCRETE PAVILIONS & WOOD SHELTERS



3 INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



1 EXIST. RESTROOM FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 EXIST. RESTROOM REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

1. EXIST. MTL. DOOR & FRAME UNIT TO BE REPLACED.
2. EXIST. MTL. WALL LOUVER UNIT TO BE REPLACED.
3. EXIST. MTL. INSECT SCREEN & FRAME TO BE REPLACED.
4. EXIST. WALL-HUNG LAVATORY SINK & FAUCET TO BE REPLACED.
5. EXIST. WALL-HUNG TOILET & FLUSH VALVE TO BE REPLACED.
6. EXIST. WALL-HUNG URINAL & FLUSH VALVE TO BE REPLACED.
7. EXIST. WALL-HUNG HI-LOW WATER FOUNTAIN TO BE REPLACED.
8. EXIST. THRU WALL EXHAUST FAN TO BE REPLACED.
9. EXIST. WALL-HUNG & FLR. MTD. PAINTED MTL. TOILET / URINAL PARTITIONS TO BE REPLACED.
10. EXIST. WALL-HUNG STN. STL. PVC GRAB BAR TO BE REPLACED.
11. EXIST. THRU WALL 12" x 12" STN. STL. ACCESS PANEL TO BE REPLACED.
12. EXIST. SURF. MTD. TOILET TISSUE DISPENSOR TO BE REPLACED.
13. EXIST. IN-WALL MTD. TOILET SEAT COVER DISPENSOR / RECEPTICAL TO BE REPLACED.
14. EXIST. IN-WALL MTD. PAPER TOWEL DISPENSOR / RECEPTICAL TO BE REPLACED.
15. EXIST. IN-WALL MTD. SANITARY NAPKIN VENDING DISPENSOR TO BE REPLACED.
16. EXIST. SURF. MTD. HAND SOAP DISPENSOR TO BE REPLACED.
17. EXIST. SURF. MTD. POLISHED STL. MIRROR TO BE REPLACED.
18. EXIST. SURF. MTD. STN. STL. FRAMED MIRROR TO BE REPLACED.
19. EXIST. SURF. MTD. STN. STL. FRAMED PVC ANGLED MIRROR TO BE REPLACED.
20. EXIST. WALL MTD. BABY CHANGING STATION TO BE REMOVED.
21. EXIST. WALL MTD. ELECTRIC HAND DRYER TO BE REMOVED AND REPLACED.
22. EXIST. ELEC. MTR. TO REMAIN.
23. EXIST. ELEC. PANEL TO REMAIN.
24. EXIST. EXH. FAN INTAKE GRILL TO BE REPLACED.
25. EXIST. CLG. MTD. LIGHT FIXTURE TO BE REPLACED.
26. EXIST. WALL MTD. LIGHT FIXTURE TO BE REMOVED & BOX FLUSH COVER PLATED.
27. EXIST. ASPHALT SHINGLE ROOF & GALV. MTL. DRIP FLASHING TO BE REPLACED. ROOF SYSTEM N.O.A. REQUIRED FOR PERMIT.
28. EXIST. PAINTED WOOD FASCIA TO BE INSPECTED, and RETAINED or REPLACED AS REQUIRED FOR ROOF CERTIFICATION.
29. EXIST. PAINTED STUCCO FINISHED SOFFIT TO BE INSPECTED, and RETAINED, PATCHED or REPLACED AS REQUIRED.
30. EXIST. PAINTED STUCCO FINISHED GABLE END TO BE INSPECTED, RETAINED, PATCHED or REPLACED AS REQUIRED.
31. EXIST. PAINTED STUCCO FINISHED CEILING TO BE INSPECTED, RETAINED, PATCHED or REPLACED AS REQUIRED.
32. EXIST. FACTORY FINISHED PVC SOFFIT VENT TO BE INSPECTED, and RETAINED or REPLACED AS REQUIRED.
33. EXIST. FLOOR MTD. LAUNDRY TUB TO BE REPLACED.
34. EXIST. WALL MTD. INST-HOT WATER HEATER TO BE REPLACED (M&P ONLY).

4 PLAN & ELEVATION KEY NOTE LEGEND
NO SCALE

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
A SAFEbuilt COMPANY
1800 S.W. 3rd Avenue, Suite 100, Miami, Florida 33129
Phone: 305.374.7506 Fax: 305.374.7508
Florida Inc. Lic. No. 00000549
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000329
ENGINEERING: 5164
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANI SITE, LLC
1800 S.LER DRIVE
SUITE 500
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001890

GEOTECHNICAL CONSULTANT:
KUTTING ENGINEERS OF FLORIDA, INC.
2501 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 6XXX

NORTH BEACH OCEANSIDE PARK

BETWEEN 16TH AND 87TH STREETS, EAST OF COLLINS AVENUE

SEAL:
STATE OF FLORIDA
MANUEL SYNALOVSKI, AIA
AR 95195
LICENSED AS: AUGUSTINO

REVISIONS:
#	DATE	DESCRIPTION

PURPOSE:
PERMIT SET

SCALE:
AS SHOWN

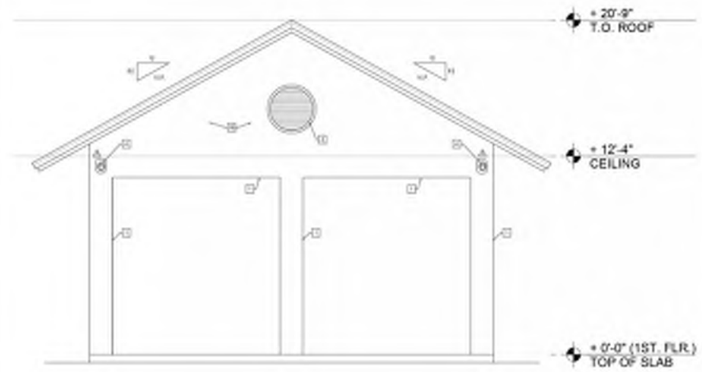
ISSUE DATE:
06/27/2018

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
EXIST. RESTROOM DEMO PLAN ELEVATION & DETAILS

SHEET NUMBER:
D1-01

DRAWING FILE: E:\1015-100\13 North Shore Open Park\Drawings\2018-NSOP - Ex-Ar Restroom Demolition Plan.dwg - (Plotted by: Mario Lanzado on Wednesday, August 19, 2020 9:45:53 PM)



3a ENTRANCE ELEVATION
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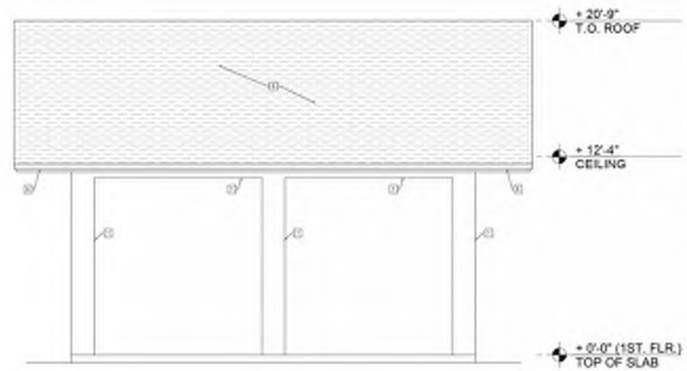
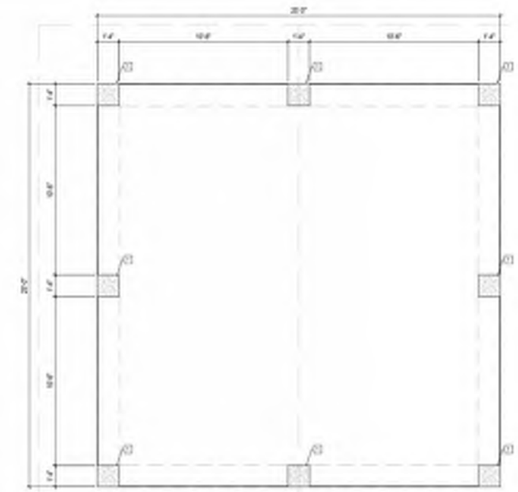


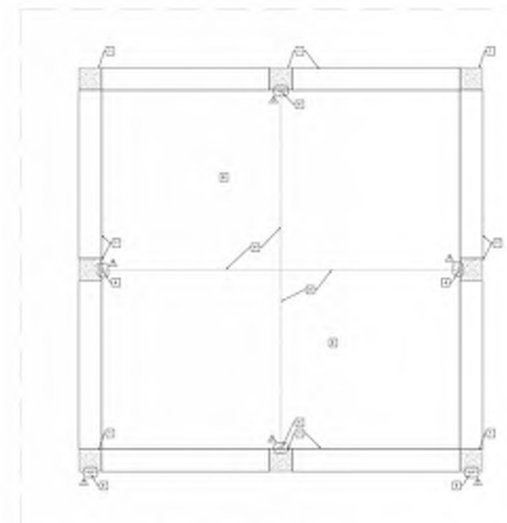
3b SIDE ELEVATION
SCALE: 1/4" = 1'-0"

1. EXIST. PAINTED STUCCO FINISHED CONCRETE COLUMN & BEAM STRUCTURE TO BE RETAINED and REFINISHED.
2. EXIST. MTL. WALL LOUVER UNIT TO BE REPLACED.
3. EXIST. C.O. WTD. LIGHT FIXTURE TO BE REPLACED.
4. EXIST. WALL MTD. LIGHT FIXTURE TO BE REMOVED & BOX FLUSH COVER PLATED.
5. EXIST. ASPHALT SHINGLE ROOF & GALV. MTL. DRIP TO BE REPLACED. PRODUCT N.O.A. REQUIRED FOR PERMIT.
6. EXIST. PAINTED WOOD FASCIA TO BE RETAINED, INSPECTED and REFINISHED AS REQUIRED FOR CERTIFICATION.
7. EXIST. PAINTED STUCCO FINISHED SOFFIT TO BE RETAINED, INSPECTED, PATCHED and REFINISHED AS REQUIRED FOR CERTIFICATION.
8. EXIST. PAINTED STUCCO FINISHED CEILING TO BE RETAINED, INSPECTED, PATCHED and REFINISHED AS REQUIRED FOR CERTIFICATION.
9. EXIST. STUCCO CONTROL JOINT TO REMAIN.
10. EXIST. PAINTED STUCCO FINISHED GABLE END TO BE RETAINED, INSPECTED, PATCHED and REFINISHED AS REQUIRED FOR CERTIFICATION.

4 PLAN & ELEVATION KEYNOTES
SCALE: 1/4" = 1'-0"



1 PAVILION FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 PAVILION REFLETED CEILING PLAN
SCALE: 1/4" = 1'-0"

DRAWING FILE: E1516-160113 North Shore Open Park\Drawings\2016-NOSP - CD-01 Pavilion Demolition Plan.dwg - (Plotted by: Mario Lanado on Wednesday, August 19, 2020 5:45:58 PM)

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
A SAFEbuilt COMPANY
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000329
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1920 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AAC001940

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 6XXX

NORTH BEACH OCEANSIDE PARK

BETWEEN 16TH AND 87TH STREETS, EAST OF COLLINS AVENUE

SEAL:
STATE OF FLORIDA
ARCHITECT
AR0021628
MANUEL SYNALOVSKI, AIA
AR 21 630
LICENSED AR, AA26001940

REVISIONS:
1 11.03.20 PJ/CLC REVIEW COMMENTS

PURPOSE:
PERMIT SET

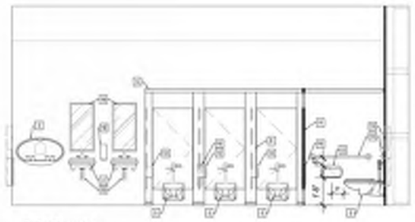
SCALE:
AS SHOWN

ISSUE DATE:
06/27/2018

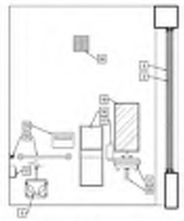
CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
EXIST. PAVILION DEMOLITION PLAN & ELEVATIONS

SHEET NUMBER:
D2-01



ELEVATION NO. 1



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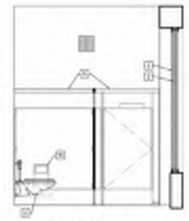

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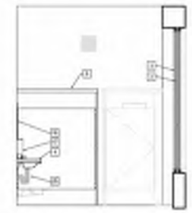

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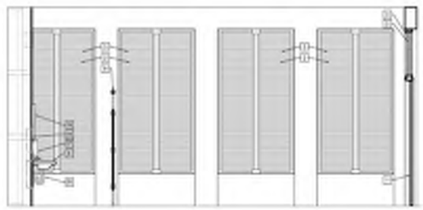
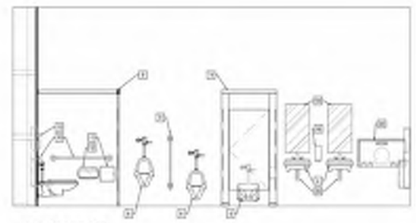
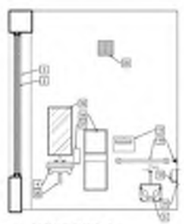


ELEVATION NO. 5

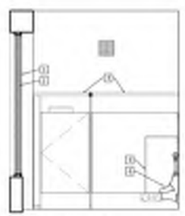
ELEVATION NO. 6



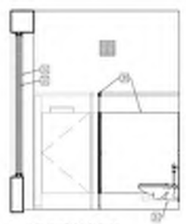
ELEVATION NO. 7



ELEVATION NO. 8



ELEVATION NO. 9



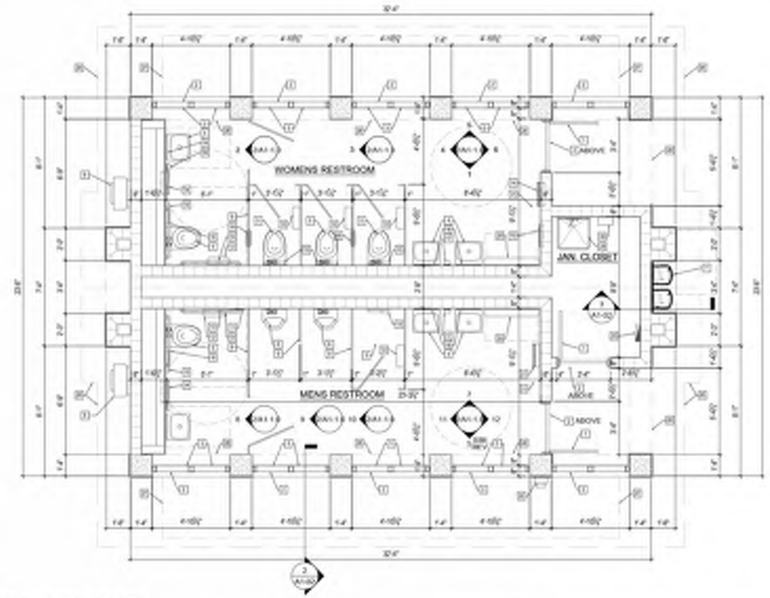
ELEVATION NO. 10

ELEVATION NO. 11

ELEVATION NO. 12

2 INTERIOR ELEVATIONS

SCALE: 1/4" = 1'-0"

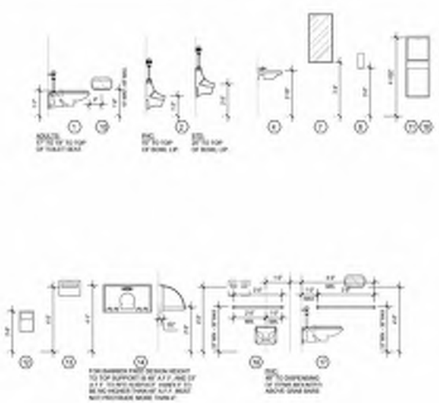


PLAN & ELEVATION KEYNOTES

1. NEW NFL. DOOR & FRAME UNIT TO MATCH EXIST. IN SAME OPENING. PRODUCT N.O.A. REQ'D. FOR PERMIT
2. NEW NFL. WALL LOUVER UNIT TO MATCH EXIST. IN SAME OPENING. PRODUCT N.O.A. REQ'D. FOR PERMIT
3. NEW NFL. INSECT SCREEN & FRAME UNIT TO MATCH EXIST. OVER NEW WALL LOUVER.
4. NEW WALL-HUNG LAVATORY SINK & FAUCET REPLACEMENT IN SAME LOCATION.
5. NEW WALL-HUNG TOILET & FLUSH VALVE REPLACEMENT IN SAME LOCATION.
6. NEW WALL-HUNG URINAL & FLUSH VALVE REPLACEMENT IN SAME LOCATION.
7. NEW WALL-HUNG HI-LOW WATER FOUNTAIN UNIT REPLACEMENT IN SAME LOCATION.
8. NEW THRU-WALL EXHAUST FAN UNIT REPLACEMENT IN SAME LOCATION.
9. NEW WALL-HUNG & F.R. MTD. _____ TOILET / URINAL PARTITION REPLACEMENTS.
10. NEW WALL-HUNG STN. STL. PHC GRAB BAR REPLACEMENT IN SAME LOCATION.
11. NEW THRU-WALL 12" x 12" STN. STL. ACCESS PANEL TO REPLACE EXIST. UNIT IN SAME OPENING.
12. NEW SURF. MTD. TOILET TISSUE DISPENSOR REPLACEMENT IN SAME LOCATION.
13. NEW IN-WALL MTD. TOILET SEAT COVER DISPENSOR / RECEPTICAL REPLACEMENT IN SAME LOCATION.
14. NEW IN-WALL MTD. PAPER TOWEL DISPENSOR / RECEPTICAL REPLACEMENT IN SAME LOCATION.
15. NEW IN-WALL MTD. SANITARY NAPKIN VENDING DISPENSOR TO REPLACE EXIST. IN SAME OPENING.
16. NEW THRU-PART. MTD. SANITARY NAPKIN RECEPTICAL REPLACEMENT IN SAME LOCATION.
17. NEW SURF. MTD. HAND SOAP DISPENSOR REPLACEMENT IN SAME LOCATION.
18. NEW SURF. MTD. POLISHED STL. FRAMED MIRROR REPLACEMENT IN SAME LOCATION.
19. NEW SURF. MTD. STN. STL. FRAMED PHC ANGLED MIRROR REPLACEMENT IN SAME LOCATION.
20. NEW WALL MTD. BABY CHANGING STATION REPLACEMENT IN SAME LOCATION.
21. NEW SURF. MTD. PAPER TOWEL DISPENSOR / RECEPTICAL.
22. EXIST. ELEC. MTR. TO REMAIN.
23. EXIST. ELEC. PANEL TO REMAIN.
24. NEW EXH. FAN INTAKE GRILL REPLACEMENT IN SAME LOCATION.
25. NEW UNDERCOUNTER PLUMBING PIPE INSULATION / CUSHION.
26. LINE OF EXIST. ROOF ABOVE TO REMAIN.
27. LINE OF EXIST. SOFFIT ABOVE TO REMAIN.
28. LINE OF EXIST. HEADER BM. ABOVE TO REMAIN.
29. NEW FLOOR MTD. LAUNDRY TUB & FAUCET.
30. NEW WALL-HUNG INSTA-HOT WATER HEATER. (9491 - REPLACEMENT, 9301 & 9351 - ADDITION)
31. NEW WALL MTD. ELECTRIC HAND DRYER REPLACEMENT IN SAME LOCATION.

1 EXIST. RESTROOM FLOOR PLAN

SCALE: 1/4" = 1'-0"



4 FIXTURES & EQUIPMENT MOUNTING HEIGHTS

SCALE: 1/4" = 1'-0"

RESTROOM PLUMBING FIXTURES & EQUIPMENT LEGEND

KEY	MODEL	MANF'R	MODEL	DESCRIPTION
1	TOILETS	SLOAN	ST-2000	WALL-HUNG
2	URINALS	SLOAN	WEST-1000-1401	WALL-HUNG
3	FLUSHOMETER	SLOAN	SOLO 111-1-1-QR	FLUSH VALVES
4	LAVATORY	SLOAN	SS-3100-STN	WALL-MTD
5	NOT USED	-	-	-
6	FAUCETS	SLOAN	OPTIMA PLUS EBF-650	FAUCETS
7	MIRROR	BOBRICK	B-165	PERMIT REFLECTION, HANDS, ROOTKAPT
8	SOAP DISP.	BOBRICK	B-2013	SURFACE MTD. LIQUID SOAP DISPENSOR
9	HAND DRYER	ULTRATOR	XL-SB	MATCHES TO BE NOW (NEAT OFF)
10	TOILET PAPER DISP.	BOBRICK	B-2892	MM LMRD, DOUBLE ROLL, TOSSE DISPENSOR
11	PAPER TOWEL DISP.	BOBRICK	B-3944	RECESSED PAPER TOWEL DISPENSER / WASTE RECEPT.
12	SAN. NAPKIN DISPOSAL	BOBRICK	B-270	THRU-PARTITION MTD. SANITARY NAPKIN WASTE RECEPT.
13	SEAT COVER DISP.	BOBRICK	B-221	SURFACE MTD. PAPER TOILET SEAT DISPENSER
14	BABY CHANGE STATION	KOHLER MFG. PRODUCTS	K5200-10 (GRCY)	
15	TOILET PARTITIONS	SCHWARTZ	VINYLY HINGED	HIGH COLOR CHANGING WHITE FEATURE OR BRAND FLAME CORE. TO MEET CONT. TO HELP
16	GRAB BARS	BOBRICK	B-6806-36	36"L x 1.2" DIA. WALL MTD. GRAB BAR
17	GRAB BARS	BOBRICK	B-6806-42	42"L x 1.2" DIA. WALL MTD. GRAB BAR
18	PAPER TOWEL DISP.	BOBRICK	B-3949	SURFACE MTD. PAPER TOWEL DISPENSER / WASTE RECEPT.
19	DRINKING FOUNTAIN	ELKAY	LVRCUBWSP	DRINKING GRAB MOTIO PLUMB CENTER & REPAIRED IN-LINE NON FROST FLOWED CONNECTS

NOTE:
EACH PIECE OF STRUCTURAL/ 1-HOUR PARTITION IN 1-RESTROOM BLOCK PARTITION ARE CONSIDERED TO BE DEFINITIVE AND SHALL BE PROVIDED AS SUCH WITHIN THESE DOCUMENTS. HOWEVER, MINOR DEVIATIONS MAY OCCUR AND THUS, SHALL BE DESIGNATED THROUGHOUT THE SET BY THEIR OWN STREET ADDRESS.
9401 Harding Group
9301 Carmen Group
9351 Bowman Group

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3 FIXTURES & EQUIPMENT SCHEDULE

NO SCALE

DRAWING FILE: E:\1516-16\15 North Shore Open Park\Drawings\2018-06\DP - A1-01 Restroom Floor Plan & Int Elevations.dwg - (Plotted by: Mario Lanfranco on Wednesday, August 15, 2018 5:40:27 PM)

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
1800 S.W. 3rd Avenue, Suite 100, Miami, FL 33129-1000
Phone: 305-774-1900 Fax: 305-774-1980
www.cgaassociates.com
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000329
ENGINEERING: 5164
SURVEYING: 6751

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
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NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SHYE, LLC
1800 S.W. 3rd AVENUE
SUITE 500
FORT LAUDERDALE, FL 33315
FIRM LICENSE: AA0001890

GEOTECHNICAL CONSULTANT:
KUTTING ENGINEERS OF FLORIDA, INC.
2501 NW 112TH AVENUE
SUITE 106
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 6XXX

NORTH BEACH OCEANSIDE PARK

BETWEEN 16TH AND 17TH STREETS, EAST OF COLLINS AVENUE

SEAL:
STATE OF FLORIDA
MANUEL SYNALOVSKI
AR0011608
REGISTERED ARCHITECT

MANUEL SYNALOVSKI, AIA

REVISIONS:
1 06-18-18 COORDINATION

PURPOSE:
PERMIT SET

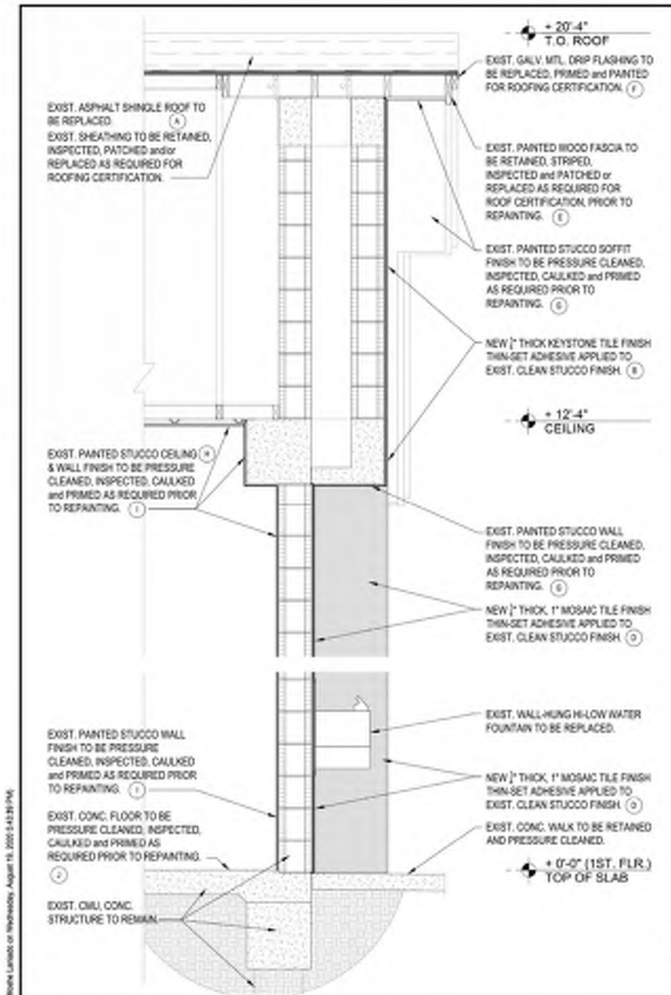
SCALE:
AS SHOWN

ISSUE DATE:
06-27-2018

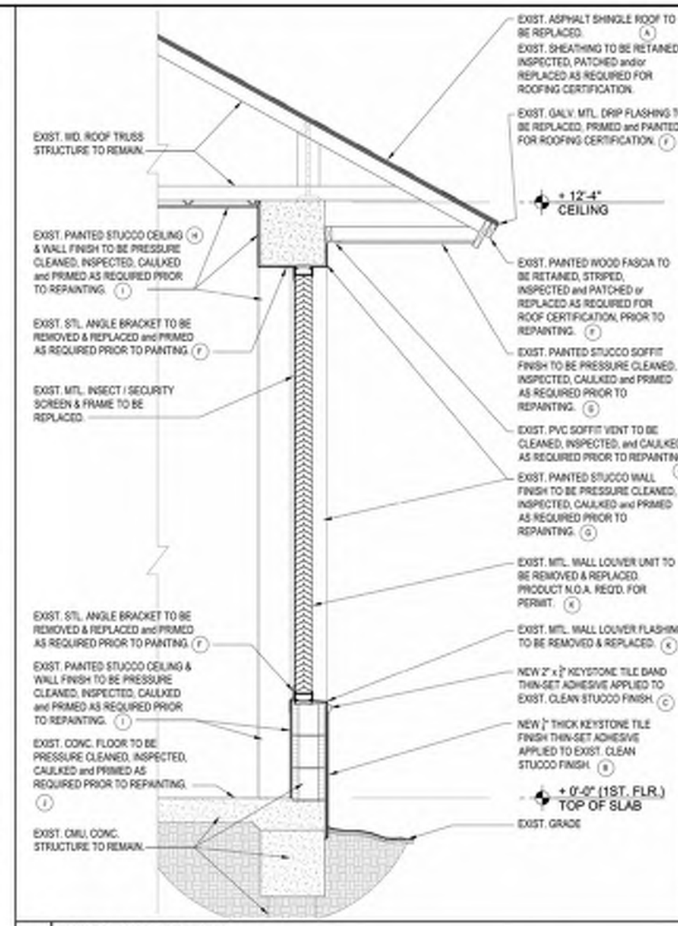
CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
EXIST. RESTROOM PLAN, ELEVATIONS & DETAILS

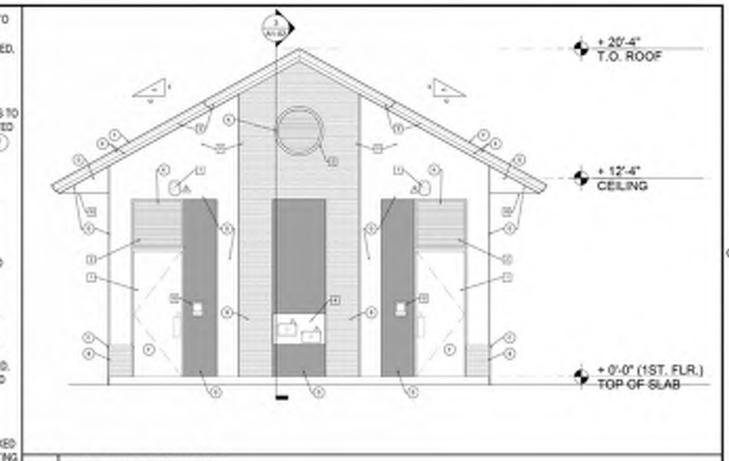
SHEET NUMBER:
A1-01



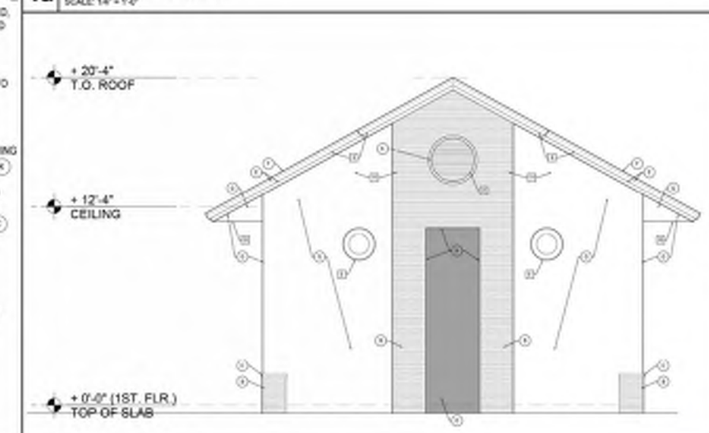
3 TYPICAL WALL SECTION
SCALE: 3/4" = 1'-0"



2 TYPICAL WALL SECTION
SCALE: 3/4" = 1'-0"



1a ENTRANCE ELEVATION
SCALE: 1/4" = 1'-0"



1b REAR ELEVATION
SCALE: 1/4" = 1'-0"

1. NEW MTL. DOOR & FRAME UNIT TO MATCH EXIST. IN SAME OPENING. PRODUCT N.O.A. REQ'D. FOR PERMIT.
2. NEW MTL. WINDOW/LOUVER UNIT TO MATCH EXIST. IN SAME OPENING. PRODUCT N.O.A. REQ'D. FOR PERMIT.
3. NEW MTL. INSECT SCREEN & FRAME TO MATCH EXIST. IN SAME OPENING.
4. NEW WALL-HUNG HI-LOW WATER FOUNTAIN UNIT REPLACEMENT IN SAME LOCATION. REFER TO A1-01.
5. NEW THRU-WALL EXHAUST FAN UNIT REPLACEMENT IN SAME LOCATION. SEE MECH. DWGS.
6. NEW C.O.D. INTO LIGHT FIXTURE REPLACEMENT IN SAME LOCATION. SEE ELECTRICAL DWGS.
7. PAINTED, BLANK COVER PLATE OVER JUNCTION BOX. OF REMOVED LIGHT. SEE ELECTRICAL DWGS.
8. NEW ASPHALT SHINGLE ROOF & GALV. MTL. DRIP FLASHING REPLACEMENT. PRODUCT N.O.A. REQUIRED FOR PERMIT.
9. EXIST. PAINTED WOOD FASCIA TO BE RETAINED, INSPECTED and REFINISHED AS REQUIRED FOR CERTIFICATION.
10. EXIST. PAINTED STUCCO FINISHED SOFFIT TO BE RETAINED, INSPECTED, PATCHED and REFINISHED AS REQUIRED FOR CERTIFICATION.
11. EXIST. PAINTED STUCCO FINISHED GABLE END TO BE RETAINED, INSPECTED, PATCHED and REFINISHED AS REQUIRED FOR CERTIFICATION.
12. ADA APPROVED IDENTITY SIGNAGE.
13. EXIST. ELEC. MTR. TO REMAIN.
14. EXIST. ELEC. PANEL TO REMAIN.

4a ELEVATION KEYNOTES
NO SCALE

(A)	SHINGLE ROOF	-	-	-
(B)	KEYSTONE TILE	"VIA SHELL REEF" OR APPROVED EQUAL INNOVATIVE SURFACES CONTACT: GLJANETH GIL (786) 317-1418 DR@GIL@INNOVATIVESURFACES.COM		
(C)	KEYSTONE BORDER	"VIA SHELL REEF" OR APPROVED EQUAL		
(D)	1" MOSAIC TILE	GLASS MOSAIC TILE BY DAISY TILE BRISTOL OR APPROVED EQUAL		
(E)	PAINTED WOOD	SHERWIN WILLIAMS	SW 7597	ANTIQUE RED
(F)	PAINTED METAL	SHERWIN WILLIAMS	SW 7597	ANTIQUE RED
(G)	PAINTED WALL	SHERWIN WILLIAMS	SEE NOTE BELOW	
(H)	PAINTED CEILING	SHERWIN WILLIAMS	SW 7006	ALABASTER
(I)	PAINTED WALL	BONCO POLISHED BONE	MODERN GREY	FINISH: KDA MATTO CRYSTAL COAT
(J)	PAINTED CONCRETE	BONCO HEMO SEMI-GLOSS STONE	COLOR: ROCKSLIDE	FINISH: KDA SAFETY SURFACE
(K)	ALUM. LOUVER	FACTORY FINISH	ANODIZED BRONZE	

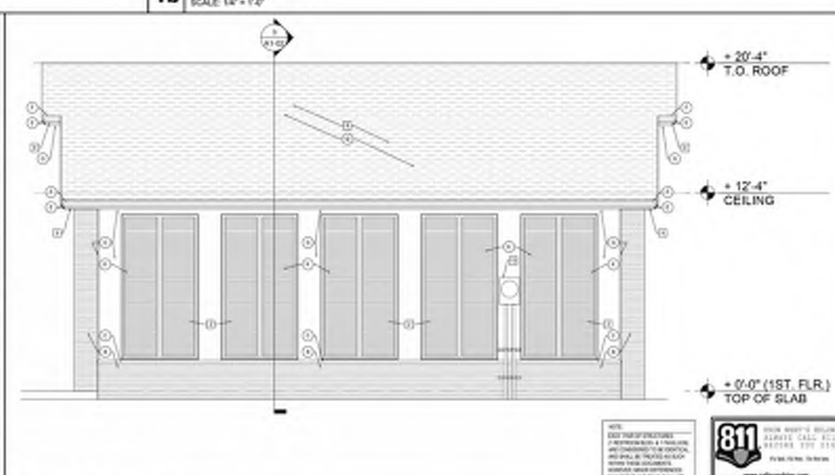
NOTE: EXTERIOR PAINT IS SHERWIN WILLIAMS OR APPROVED EQUAL. SPECIFICATIONS CRITERIA ARE AS FOLLOWS:

EXTERIOR CONCRETE AND MASONRY PRIMER FOR EXISTING CONSTRUCTION: FACTORY FORMULATED ALKALI-RESISTANT ACRYLIC PRIMER FOR EXTERIOR APPLICATION. SHERWIN-WILLIAMS. LOXON CONDITIONER (ACRYLIC). APPLIED AT A SPREAD RATE OF 200-300 SQUARE FEET PER GALLON.

EXTERIOR LOW-LUSTER ACRYLIC ELASTOMERIC: FACTORY-FORMULATED LOW SHEEN 100% ACRYLIC ELASTOMERIC COATING FOR EXTERIOR APPLICATION. NOTE: USE ELASTOMERICS ONLY AFTER RECEIVING APPROVAL IN WRITING FROM THE OWNER. SHERWIN-WILLIAMS. SHERLASTIC ELASTOMERIC COATING (A8 100 SERIES). APPLIED AT 14 DRY FILM THICKNESS OR NOT LESS THAN 5.0 MILS PER COAT.

FIELD PAINT COLOR TO BE: SHERWIN WILLIAMS - SW7006 ALABASTER
ACCENT PAINT COLOR TO BE: SHERWIN WILLIAMS - SW 9045 BORA BORA SHORE

4b ELEVATION FINISH KEYNOTES
NO SCALE



1c SIDE ELEVATION
SCALE: 1/4" = 1'-0"

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000329
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1900 ELLER DRIVE
SUITE 500
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0001840

GEOTECHNICAL CONSULTANT:
KUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 110
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 6XXX

NORTH BEACH OCEANSIDE PARK

BETWEEN 76TH AND 87TH STREETS, EAST OF COLLINS AVENUE

SEAL:
STATE OF FLORIDA
MANUEL SYNALOVSKI, AIA
AR 95 926
LICENSED AR: AA0001840

REVISIONS:
A 06-18-20 CORRECTION

PURPOSE:
PERMIT SET

SCALE:
AS SHOWN

ISSUE DATE:
06-27-2018

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
RESTROOM ELEVATIONS & SECTIONS

SHEET NUMBER:
A1-02

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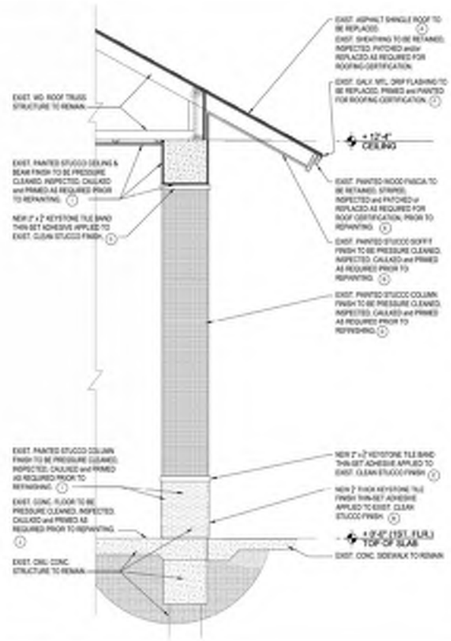
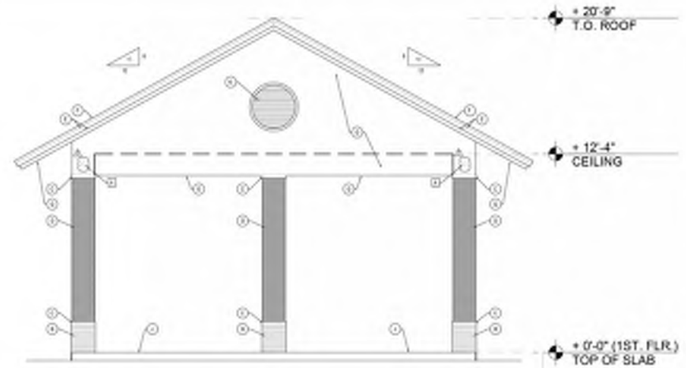
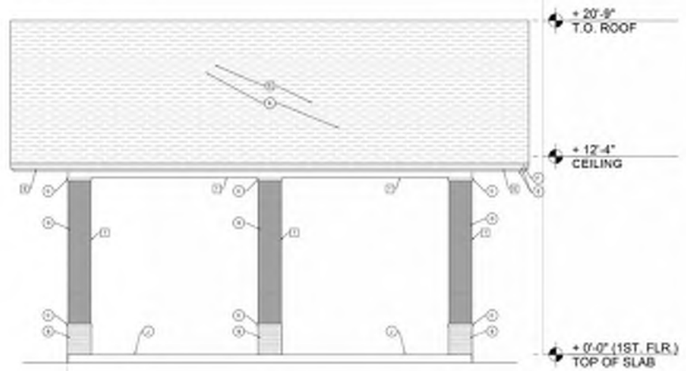


5 SECTION
SCALE: 1/2" = 1'-0"



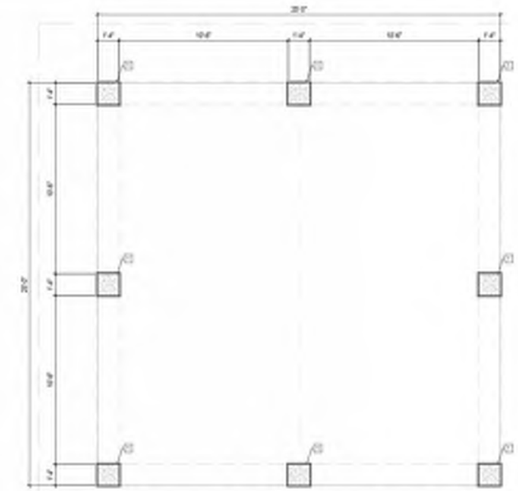
3a ENTRANCE ELEVATION
SCALE: 1/4" = 1'-0"



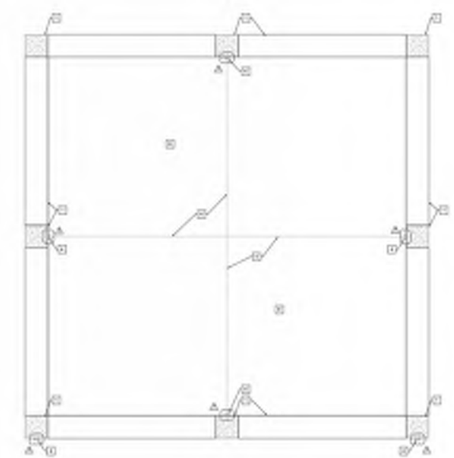
3b SIDE ELEVATION
SCALE: 1/4" = 1'-0"

1. EXIST. PAINTED STUCCO FINISHED CONCRETE COLUMN & BEAM STRUCTURE TO BE RETAINED and REFINISHED.
2. NEW INTL. WALL LOUVER UNIT IN EXIST. OPENING. PRODUCT N.O.A. REQ'D. FOR PERMIT.
3. NEW OLD. MTD. LIGHT FIXTURE. SEE ELECTRICAL SHEET E1-01 FOR MORE INFO.
4. PAINTED, BLANK COVER PLATE OVER JUNCTION BOX OF REMOVED LIGHT. SEE ELECTRICAL DWG'S.
5. NEW ASPHALT SHINGLE ROOF & GALV. MTL. DRIP FLASHING. PRODUCT N.O.A. REQUIRED FOR PERMIT.
6. EXIST. PAINTED WOOD FASCIA TO BE RETAINED, INSPECTED and REFINISHED AS REQUIRED FOR CERTIFICATION.
7. EXIST. PAINTED STUCCO FINISHED SOFFIT TO BE RETAINED, INSPECTED, PATCHED and REFINISHED AS REQUIRED FOR CERTIFICATION.
8. EXIST. PAINTED STUCCO FINISHED CEILING TO BE RETAINED, INSPECTED, PATCHED and REFINISHED AS REQUIRED FOR CERTIFICATION.
9. EXIST. STUCCO CONTROL JOINT TO REMAIN.
10. EXIST. PAINTED STUCCO FINISHED GABLE END TO BE RETAINED, INSPECTED, PATCHED and REFINISHED AS REQUIRED FOR CERTIFICATION.

4 PLAN & ELEVATION KEYNOTES
SCALE: 1/4" = 1'-0"



1 PAVILION FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 PAVILION REFLETED CEILING PLAN
SCALE: 1/4" = 1'-0"

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000329
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
PLUMBING ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
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NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1900 SLUSER DRIVE
SUITE 300
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FIRM LICENSE: AA0003980

GEOTECHNICAL CONSULTANT:
KUTTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 6XXX

NORTH BEACH OCEANSIDE PARK

BETWEEN 76TH AND 87TH STREETS, EAST OF COLLINS AVENUE

SEAL:
STATE OF FLORIDA
MANUEL SYNALOVSKI, AIA

REVISIONS:

PURPOSE:
PERMIT SET

SCALE:
AS SHOWN

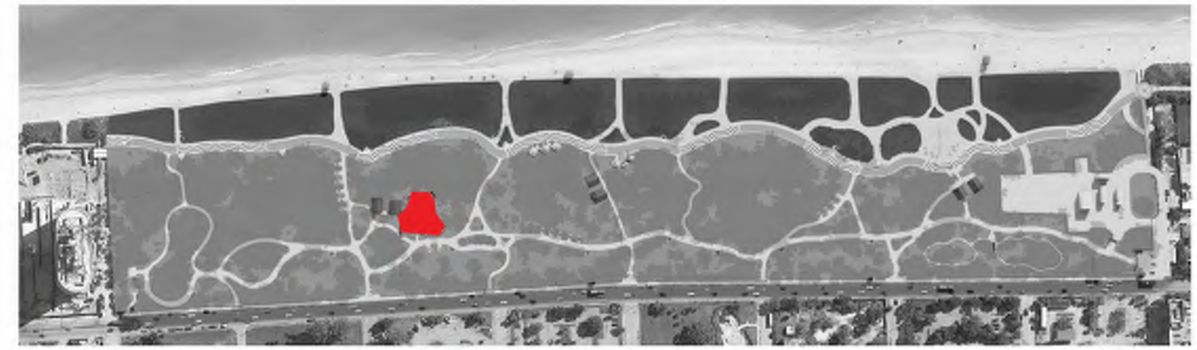
ISSUE DATE:
06/27/2018

CGA PROJECT NUMBER:
15-7934

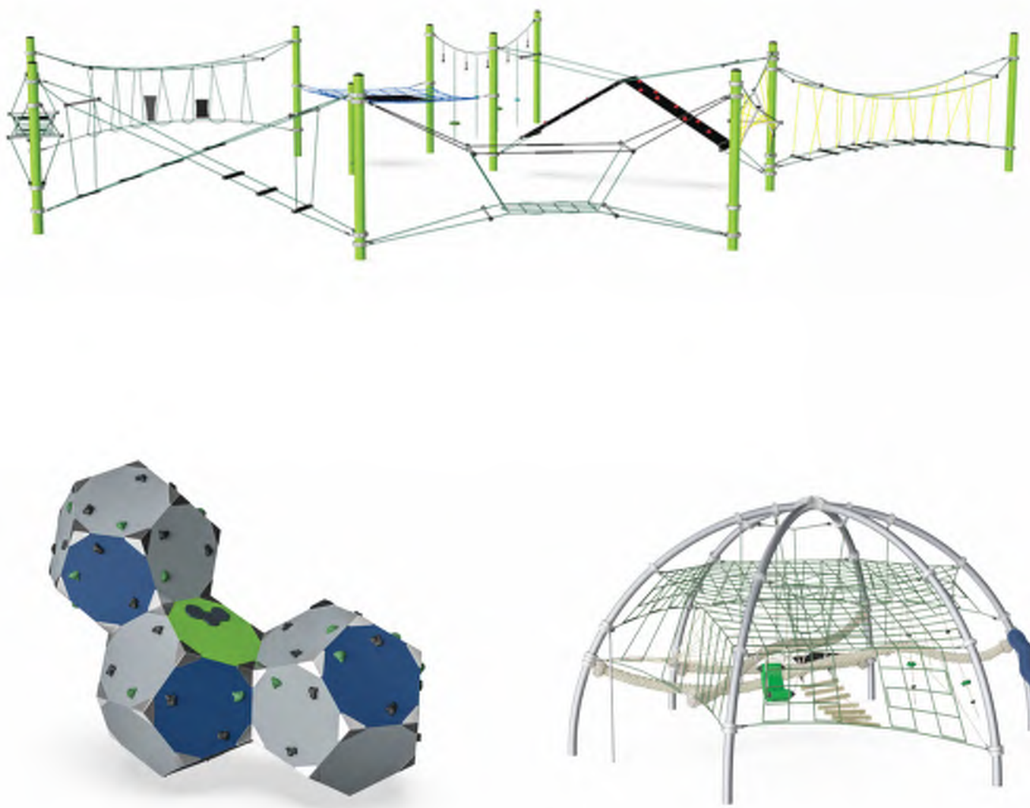
SHEET TITLE:
PAVILION PLAN, REFLECT. CLG. PLAN,ELEVATIONS & SECTION

SHEET NUMBER:
A2-01

Green | Beige | Blue | Eggshell

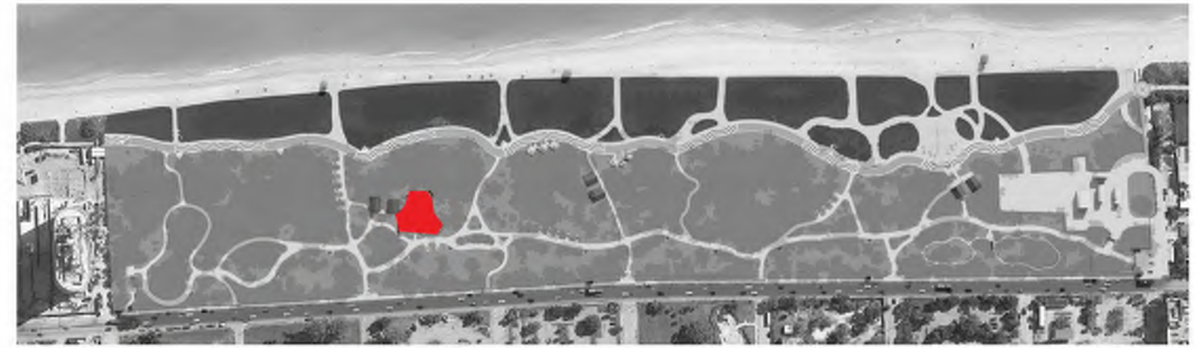


Key Map



Proposed Play Equipment

Playground - Axonometric Rendering



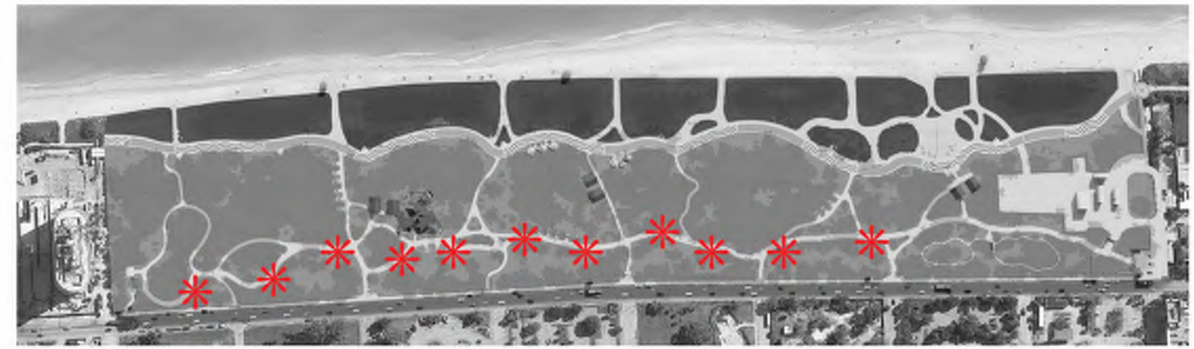
Key Map

Children's Playground - Experiential View

Children's Playground - Experiential View

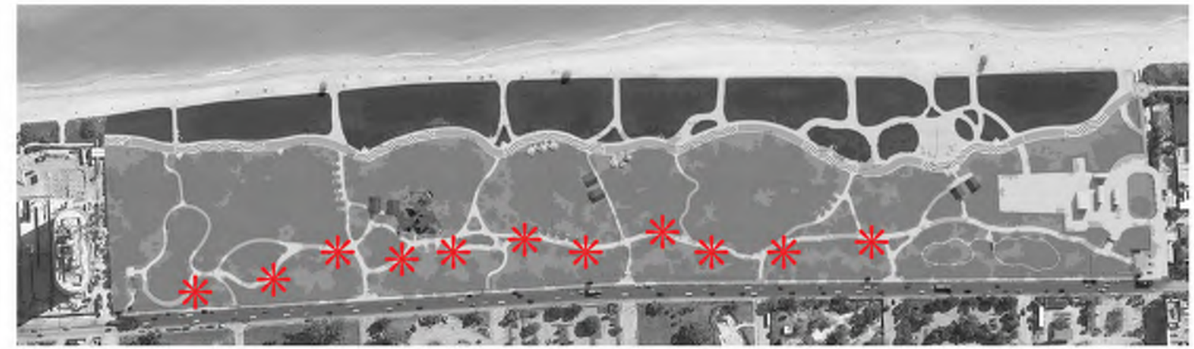
Existing Conditions Photograph

Alternative Color Palette

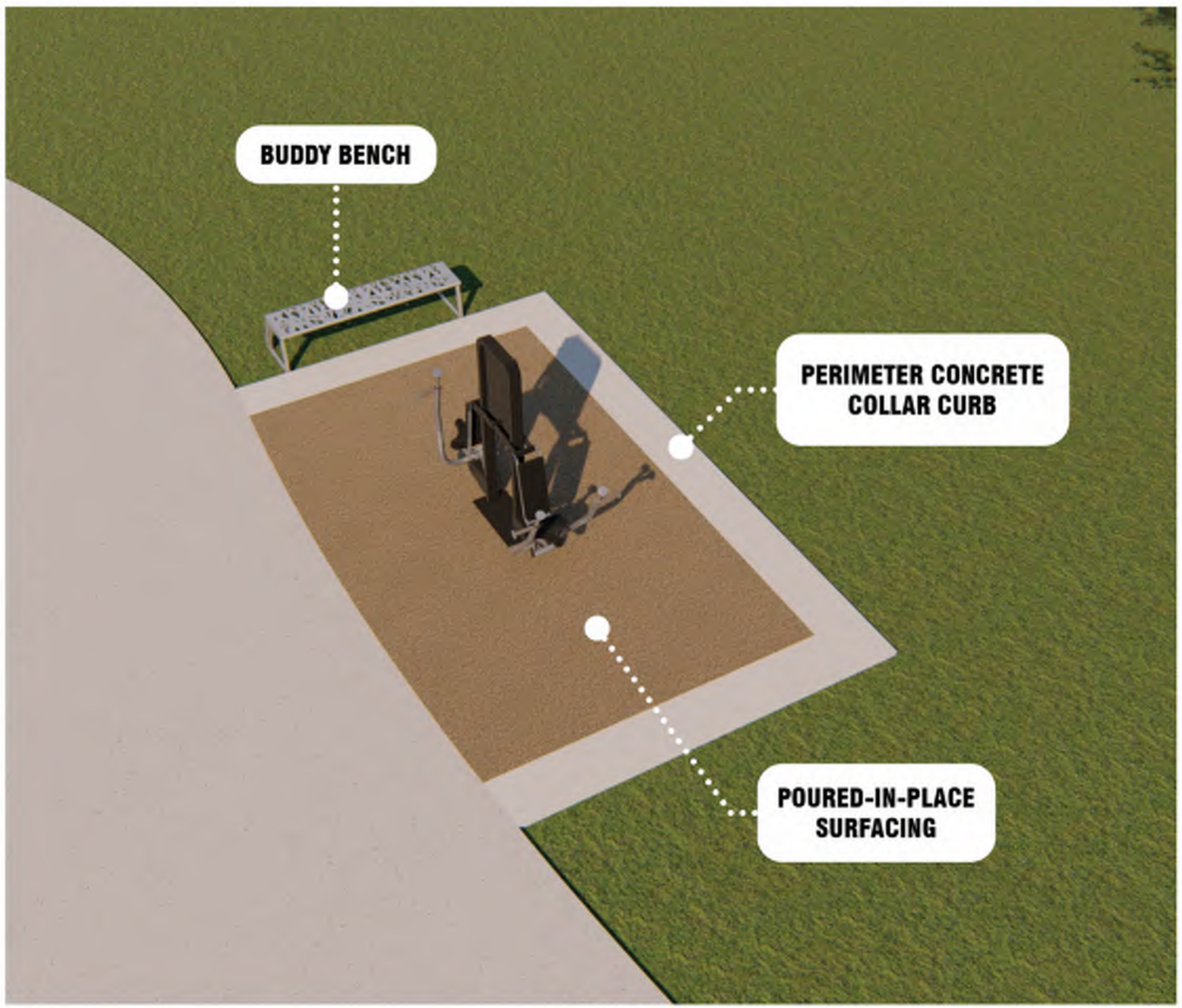


Key Map

Catalog of Outdoor Exercise Equipment



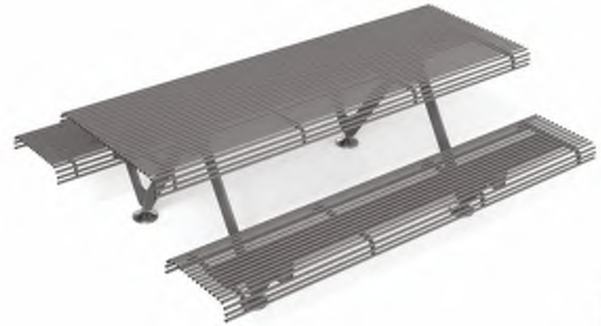
Key Map



Outdoor Exercise Equipment - Typical Axonometric View

Outdoor Exercise Equipment - Experiential View

Bench



Picnic Table

Trash and Recycling Receptacle

Dog Water Fountain

Water Fountain

Pooch Post

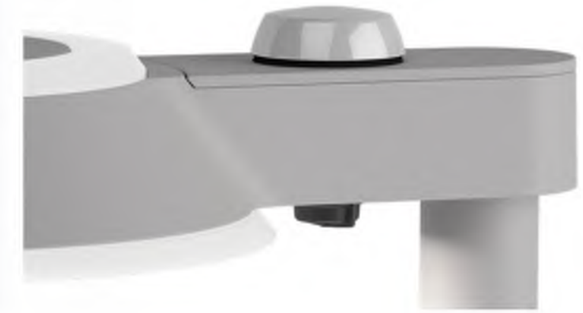
Bike Rack

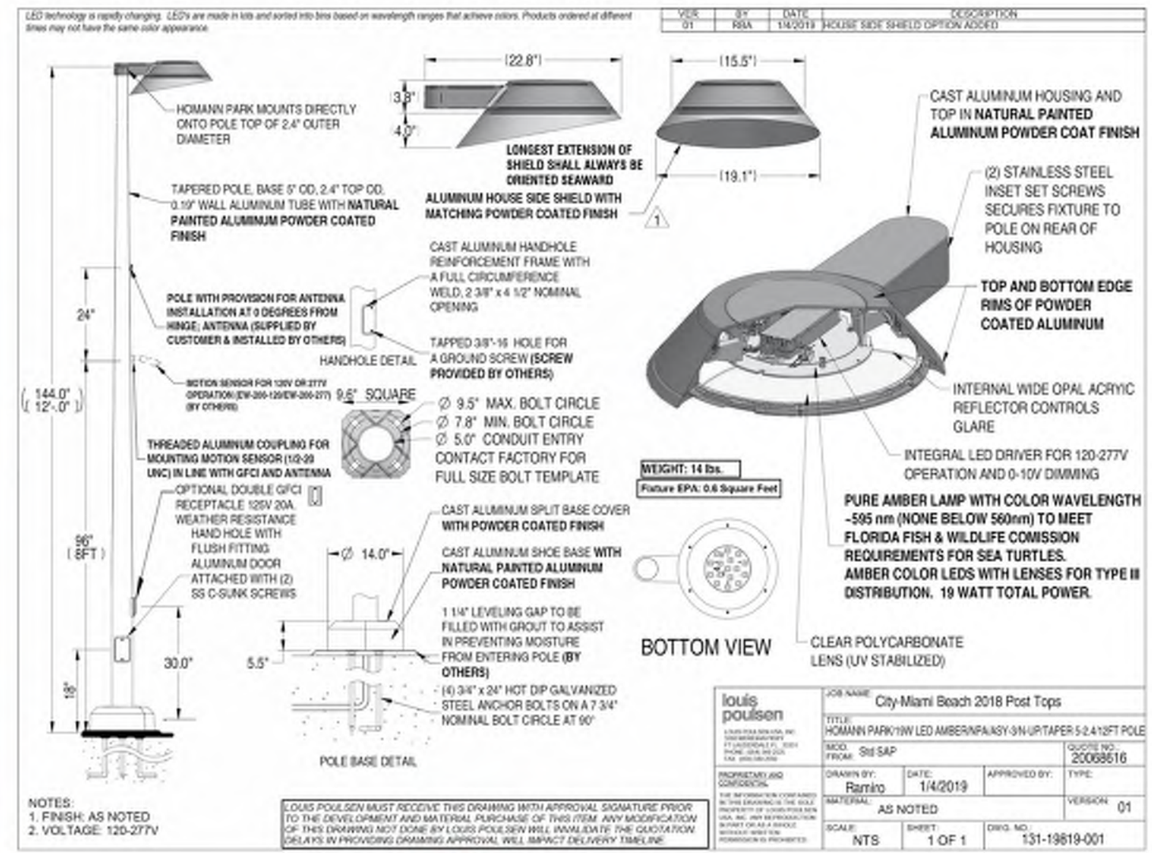
Beach Shower

BBQ Rack

Beachwalk Bollards - North of 87th Terrace

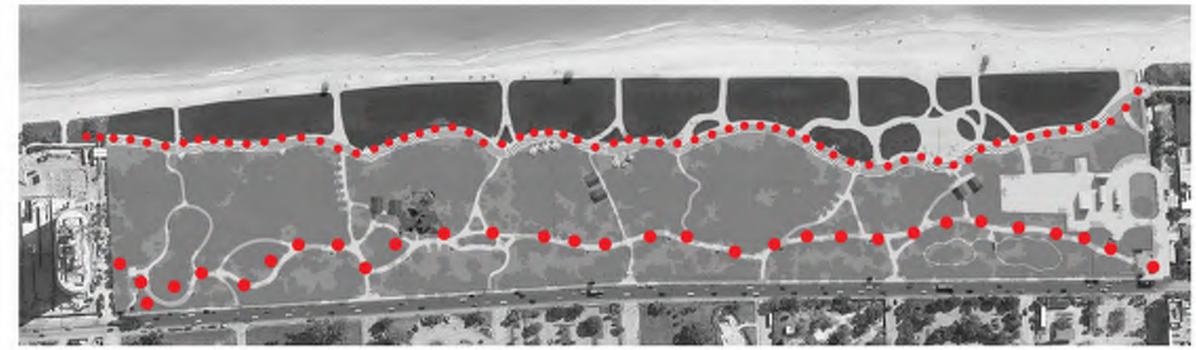
Beachwalk Bollards - All other City beachwalks





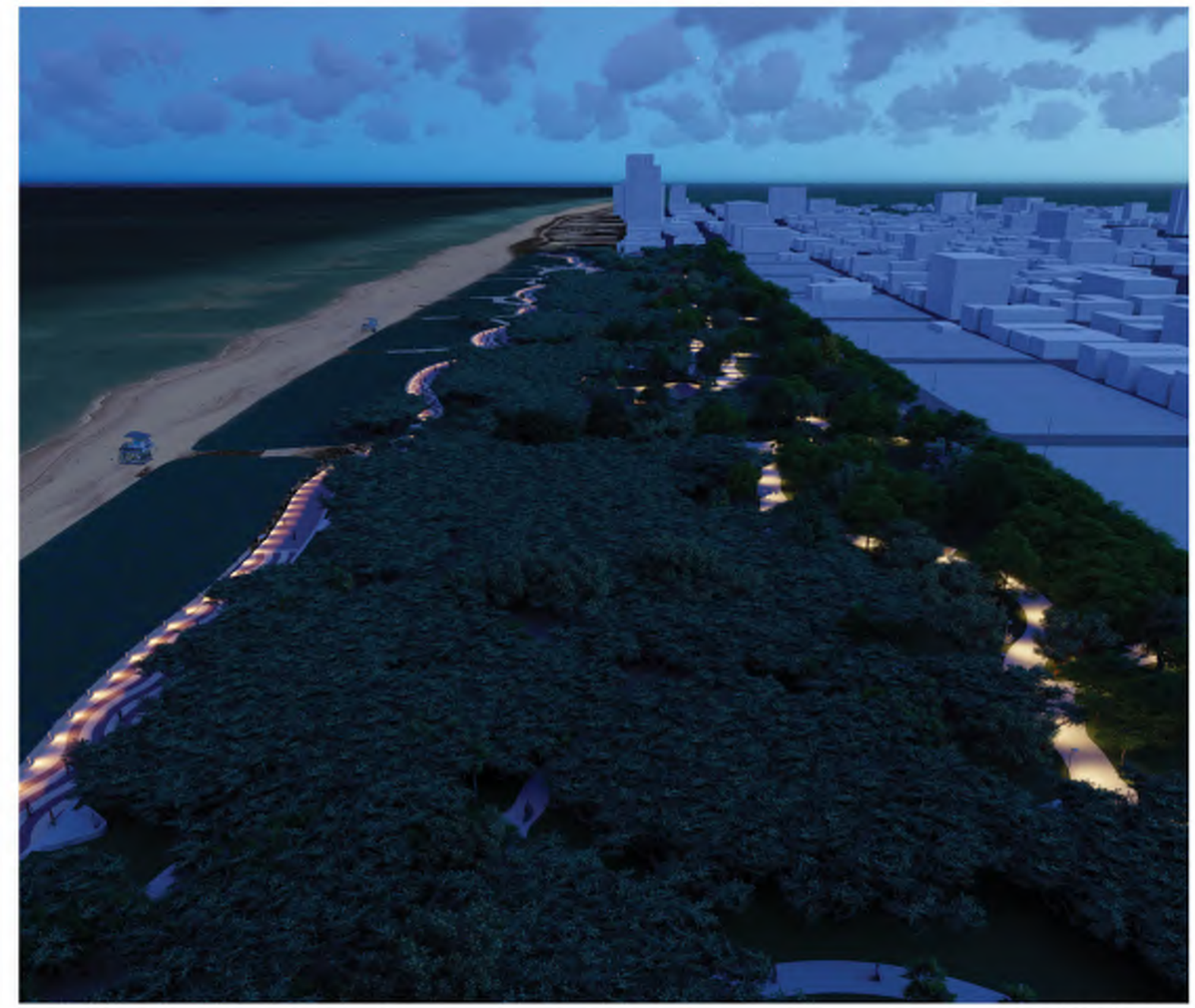
APPROVED

Louis Poulsen - Homann Park Post Top Lighting



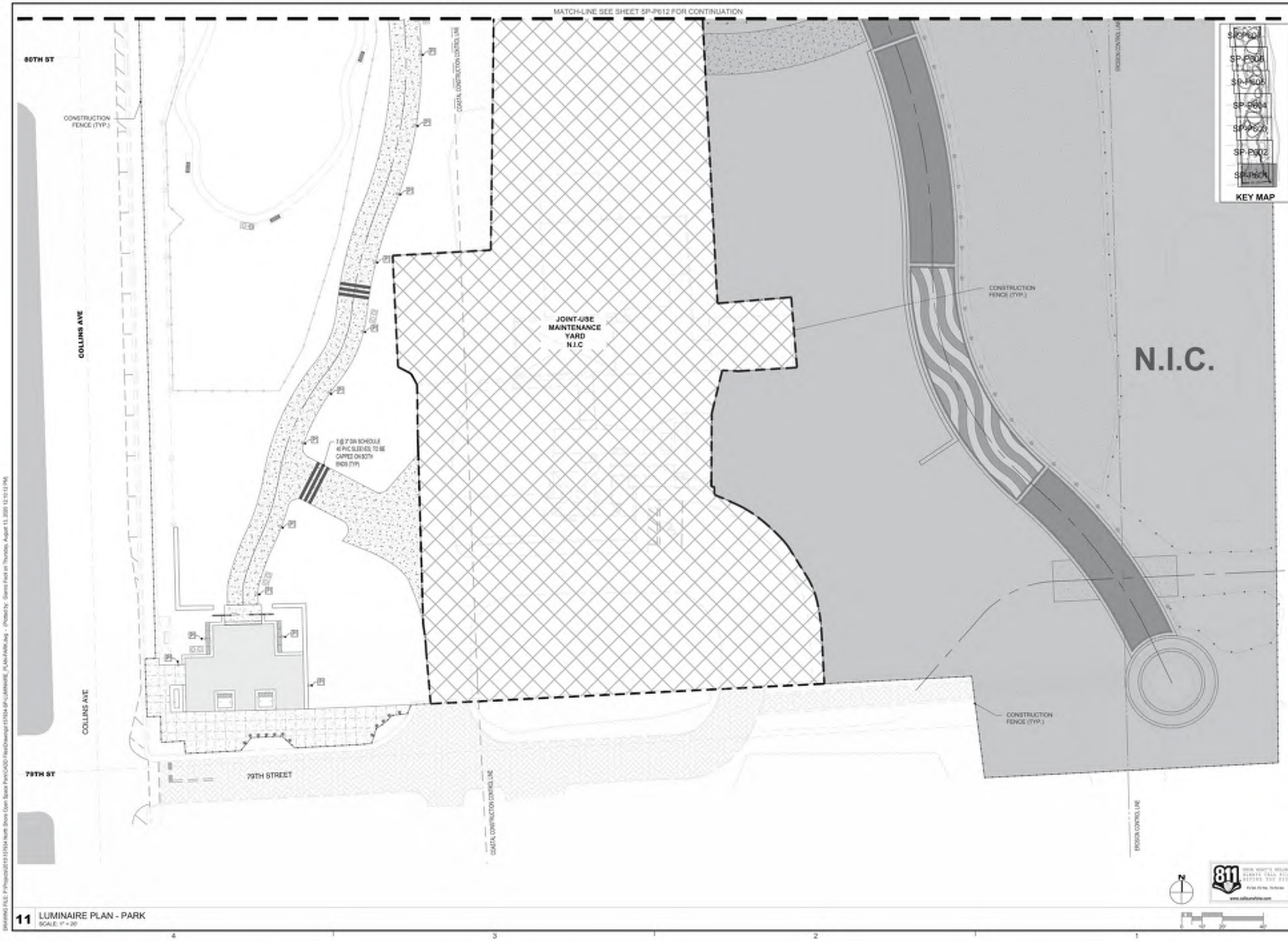
Key Map

Atlantic Way Lighting - Turtle-Friendly AmberLED with Shielding



Lighting Overlay

Miami Beach Beachwalk Standard Bollard Lighting



11 LUMINAIRE PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 17th Street, Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.763.7750 • Fax: 954.522.6807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SHYE, LLC
1499 SE 3rd DRIVE
SUITE 100
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001842

GEOTECHNICAL CONSULTANT:
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MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY G. COON-WEBSON, R.L.A.
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

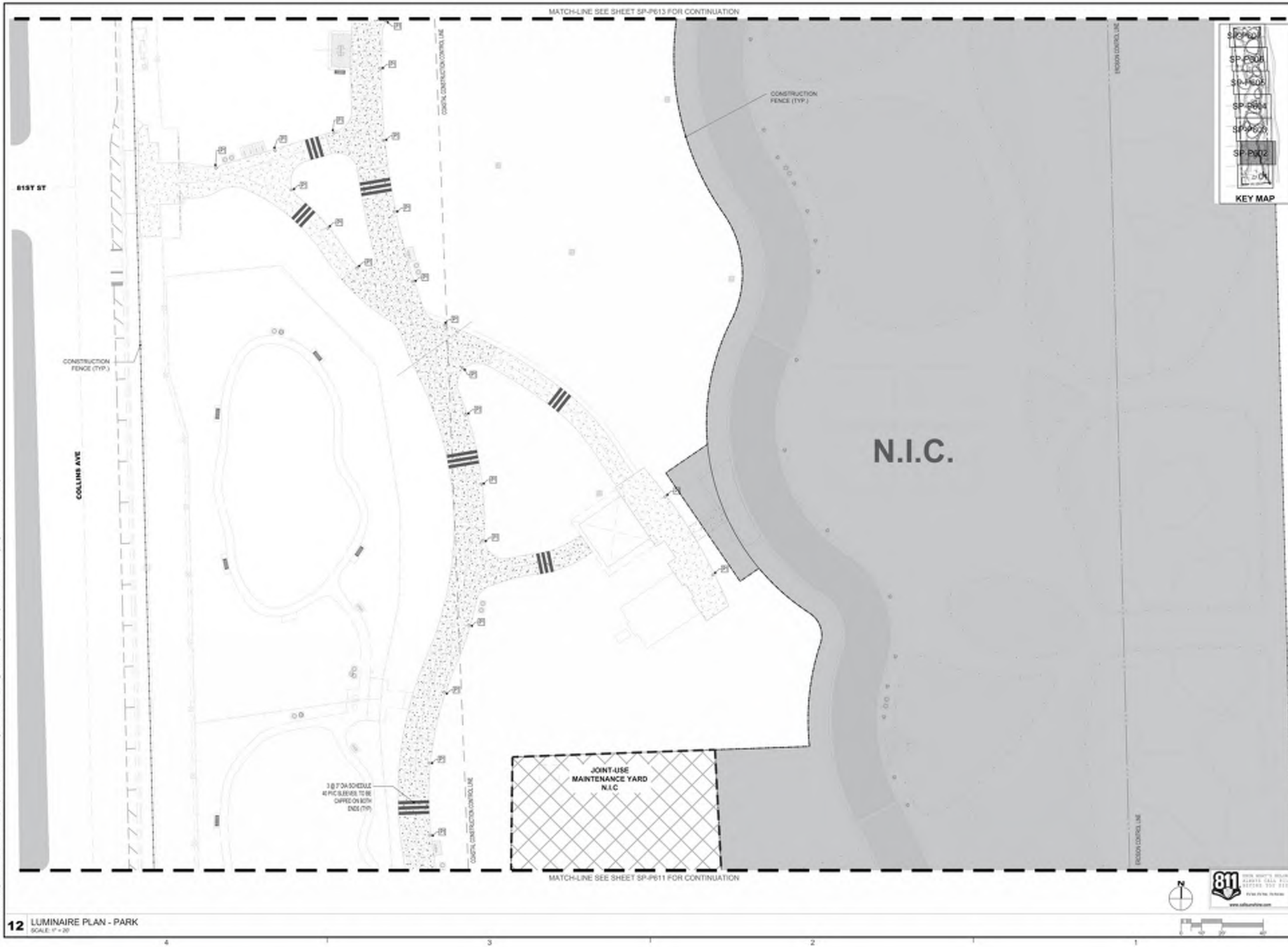
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
LUMINAIRE PLAN - PARK

SHEET NUMBER:
SP-P611



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
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CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000038
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
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333 HUDSON STREET
SUITE 905
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MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COON-WEBSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1326

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
LUMINAIRE PLAN - PARK

SHEET NUMBER:
SP-P612

MATCH-LINE SEE SHEET SP-P614 FOR CONTINUATION
82ND ST
COLLINS AVE
CONSTRUCTION FENCE (TYP.)
COASTAL CONSTRUCTION CONTROL LINE
3 @ 2" DIA GO KEDULE 40 PVC SLEEVES, TO BE CAPPED ON BOTH ENDS (TYP)
CONSTRUCTION FENCE (TYP.)
EROSION CONTROL LINE
N.I.C.
KEY MAP
SP-P607
SP-P608
SP-P609
SP-P614
SP-P612
SP-P602
MATCH-LINE SEE SHEET SP-P612 FOR CONTINUATION
13 LUMINAIRE PLAN - PARK
SCALE: 1" = 20'
CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139
PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000038
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING
CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013
ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SHYE, LLC
GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
NORTH BEACH OCEANSIDE PARK PROJECT
7509 ATLANTIC WAY, MIAMI BEACH, FL 33141
SEAL:
8/14/2020
REVISIONS:
1 8/14/20 REDESIGN REV PER OP AND PARKS
PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS
SCALE:
AS SHOWN
ISSUE DATE:
8/14/2020
CGA PROJECT NUMBER:
15-7934
SHEET TITLE:
LUMINAIRE PLAN - PARK
SHEET NUMBER:
SP-P613

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

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CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
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CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
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333 HUDSON STREET
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SYNALOVSKI ROMANA SAYE, LLC
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SUITE 300
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FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
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MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY G. COON-WEBSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
LUMINAIRE PLAN - PARK

SHEET NUMBER:
SP-P614

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
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1800 SW 1ST AVE, Suite 550, Fort Lauderdale, Florida 33315
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CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
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NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1680 SE 1ST DRIVE
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FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940

GEOTECHNICAL CONSULTANT:
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2001 NW 117TH AVENUE
SUITE 105
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COON-WEBSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1326

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
LUMINAIRE PLAN - PARK

SHEET NUMBER:
SP-P615

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
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CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000538
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1680 FIFI LDER DRIVE
SUITE 300
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FIRM LICENSE: AA26001842

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MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COON-WEGGEN, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1326

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

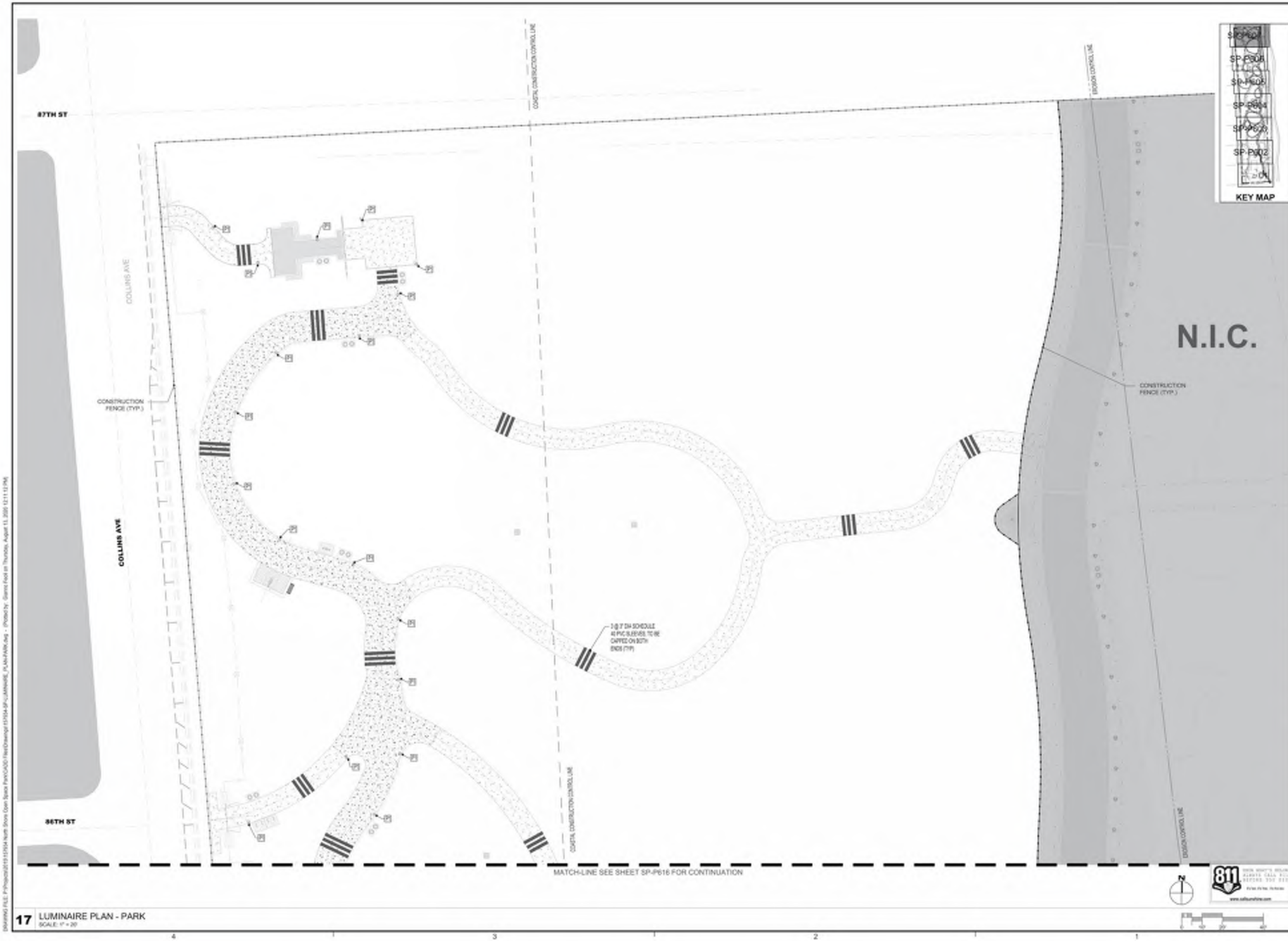
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
LUMINAIRE PLAN - PARK

SHEET NUMBER:
SP-P616



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
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CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
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333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
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1680 SE 1ST DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
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2001 NW 117TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COOK-WEGGON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
LUMINAIRE PLAN - PARK

SHEET NUMBER:
SP-P617

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

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EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE, Suite 550, Fort Lauderdale, Florida 33315
Phone: 954.987.5795 • Fax: 954.987.8997
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

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SYNALOVSKI ROMANIK SAYE, LLC
1600 SLUSER DRIVE
SUITE 100
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003960

GEOTECHNICAL CONSULTANT:
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CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COOK-BRISSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

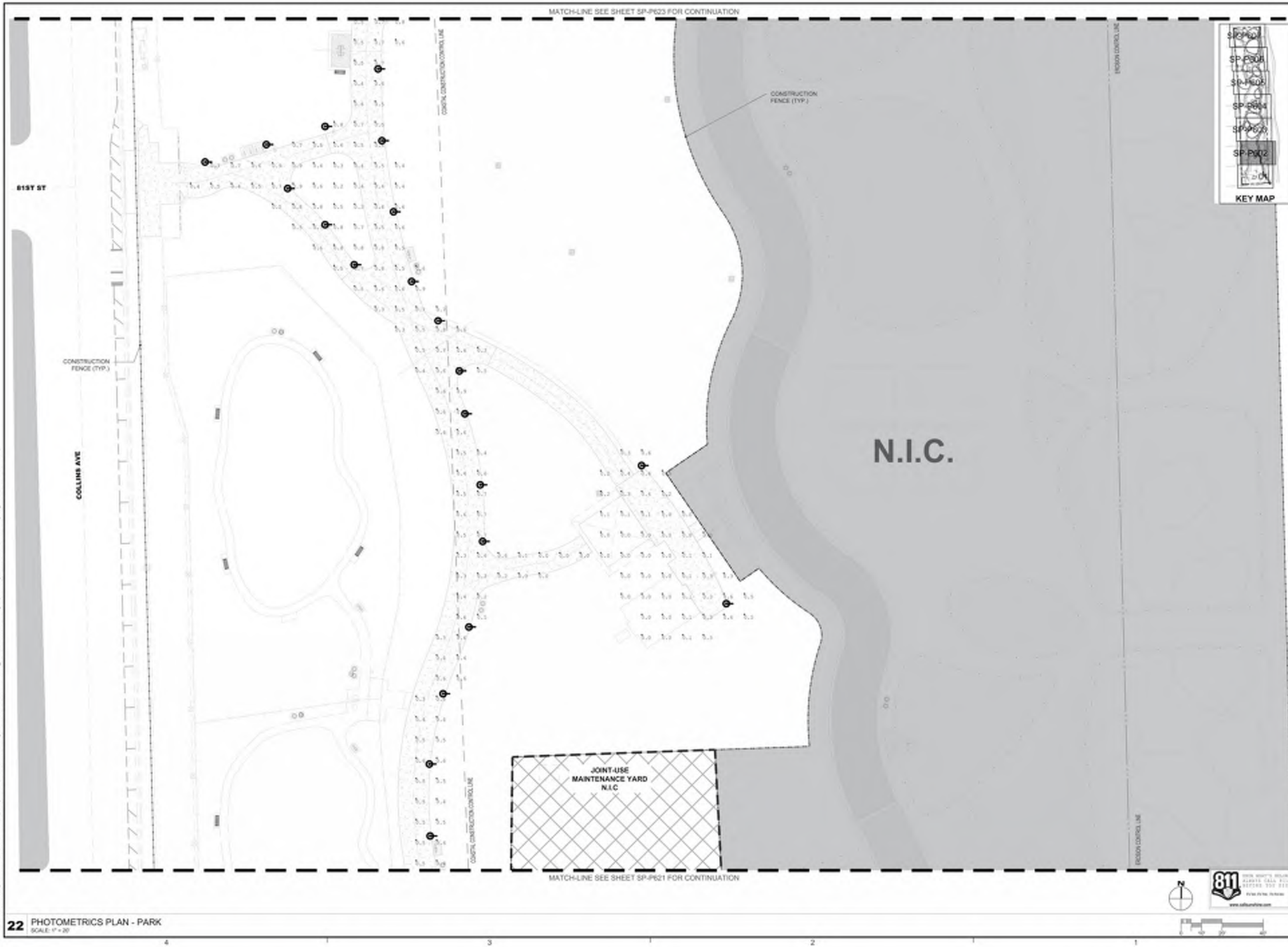
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PHOTOMETRICS PLAN - PARK

SHEET NUMBER:
SP-P621



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
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1800 SE 10th Court, Suite 300, Fort Lauderdale, Florida 33316
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CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000038
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
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NEW YORK CITY, NY 10013

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1900 SLUSER DRIVE
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FIRM LICENSE: AA0001840

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NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY G. COOK-WEGGEN, RLA #
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

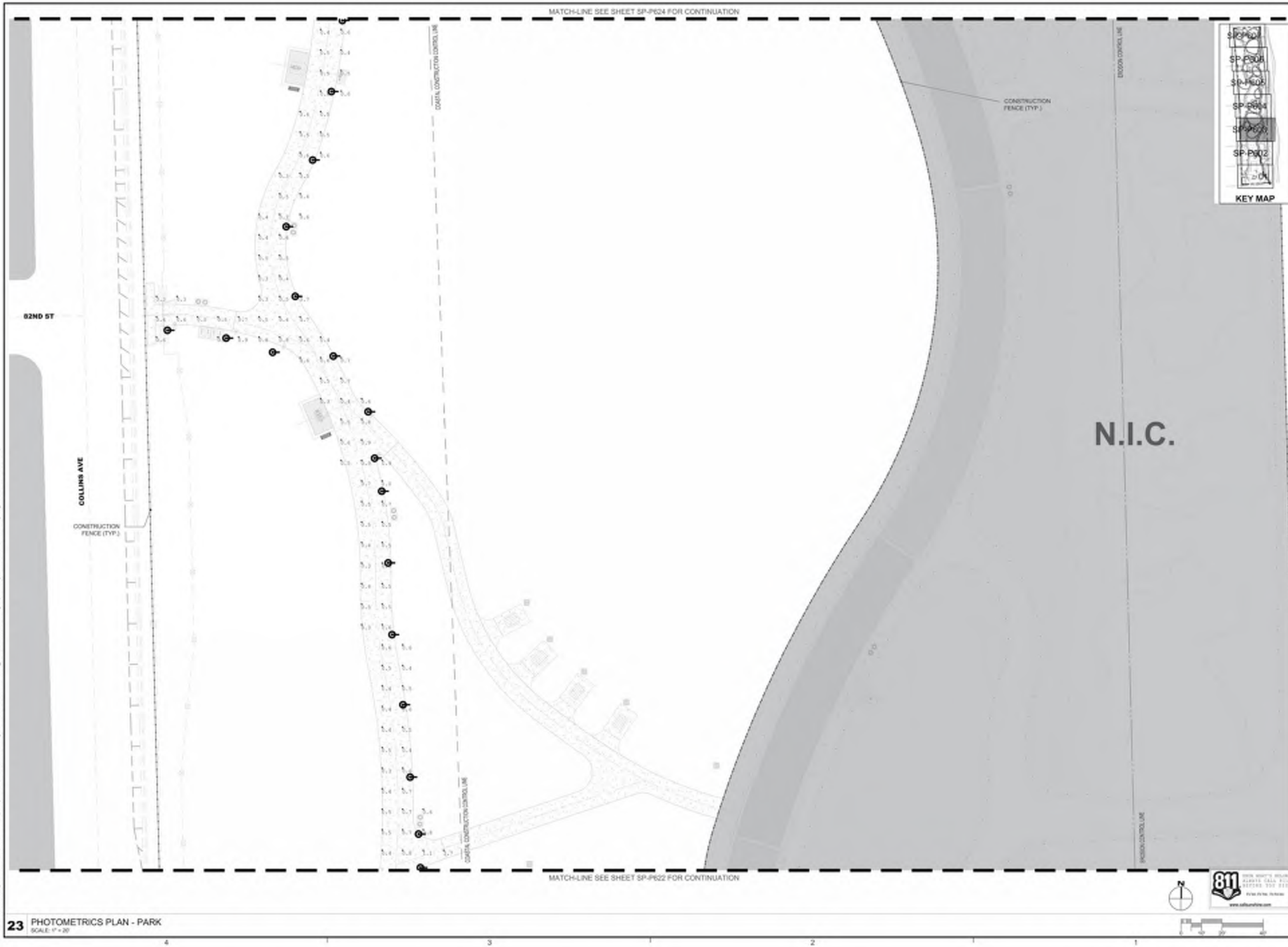
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PHOTOMETRICS PLAN - PARK

SHEET NUMBER:
SP-P622



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
E X C E P T I O N A L S O L U T I O N S

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000038
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
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SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1600 SLUSER DRIVE
SUITE 100
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001943

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
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MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COOK-WISSON, R.L.A.
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PHOTOMETRICS PLAN - PARK

SHEET NUMBER:
SP-P623

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
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CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
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1800 SE 10th DRIVE
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FIRM LICENSE: AA0003740

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CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COOK-WEGGEN, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PHOTOMETRICS PLAN - PARK

SHEET NUMBER:
SP-P624

25 PHOTOMETRICS PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
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CERTIFICATES OF AUTHORIZATION:
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SURVEYING: 6791
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COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
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SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1680 FIFI LDER DRIVE
SUITE 500
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
KETTIG ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COON-WEBSTER, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PHOTOMETRICS PLAN - PARK

SHEET NUMBER:
SP-P625

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE., Suite 550, Fort Lauderdale, Florida 33315
Phone: 954.987.7550 • Fax: 954.987.9977

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1680 SE 1ST DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 105
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COON-WEBSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1326

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PHOTOMETRICS PLAN - PARK

SHEET NUMBER:
SP-P626

27 PHOTOMETRICS PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 17th Street, Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000538
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1680 SE 3RD DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003950

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COOK-WEGGON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

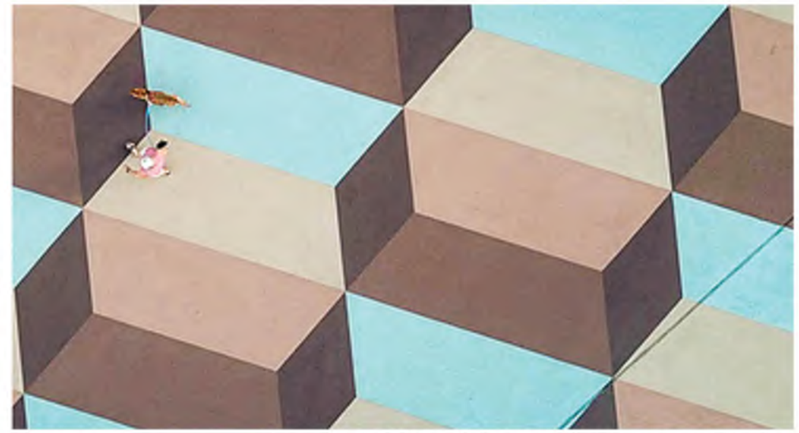
ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PHOTOMETRICS PLAN - PARK

SHEET NUMBER:
SP-P627

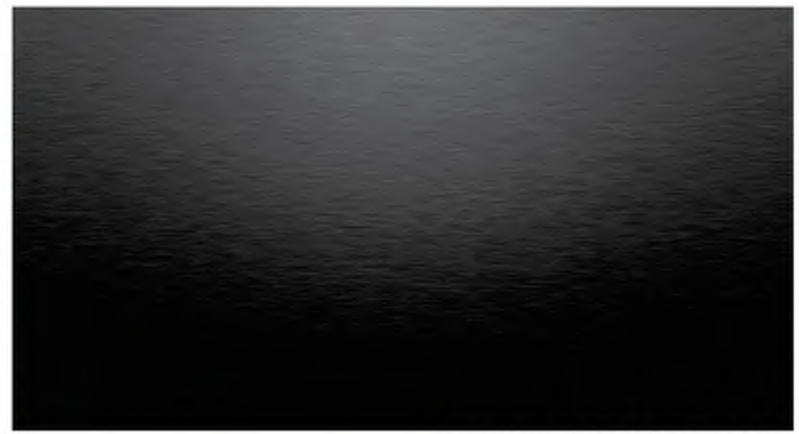
Concrete - Natural Color with Broom Finish



Concrete - Natural Color with Pavement Overlay

Concrete - Miami Beach Red Integral Color

Miami Oolite Rock - Random Stone vs Boulder



Aluminum Picket Fence - Black

Laser/Plasma-cut Aluminum - Light Grey

Ultra-high Performance Concrete

Beachwalk Pavers

Post-and-Rope

NOTES:

1. WHEN NEW PAVEMENT IS PLACED AGAINST EXISTING PAVEMENT, SAW-CUT WITH A METAL EDGE AT NEAREST EXISTING JOINT AT CONCRETE PAVING AND INSTALL NEW SURFACE GRADE SMOOTH AND FLUSH.
2. ALL EXISTING TREES TO BE RETAINED SHALL BE PROTECTED AT THE TREE PROTECTION ZONE (TPZ) BY A FENCE AS SPECIFIED. ALL EXCAVATION WITHIN THE TPZ SHALL BY DONE BY HAND AND SHALL BE CONTINUOUSLY SUPERVISED BY A CERTIFIED ARBORIST AT ALL TIMES.
3. NATURAL CONCRETE TO BE FIBER-MESH REINFORCED.

PARK

- 6" CONC SLAB; NATURAL COLOR, SMOOTH, BROOM FINISH
- 4" CONC SLAB; NATURAL COLOR, SMOOTH, BROOM FINISH
- CONC; NATURAL COLOR; SEE DETAILS FOR SPECIFICATIONS
- 4" CONC SLAB; COLOR MIAMI BEACH RED, BROOM FINISH
- RUBBER, POURED-IN-PLACE; SEE DETAILS FOR COLORS
- 4" x 8" PAVER, REFER TO PLAN ENLARGEMENTS FOR COLOR

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE., Suite 550, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6677

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000038
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAYE, LLC
1680 FI-LER DRIVE
SUITE 100
FORT LAUDERDALE, FL 33316
FWB LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
KETTIG ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TIMMY O. COOK-WEEDON, R.L.A.
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

1 6/7/19 ADDENDUM #5

PURPOSE:
REVISED PERMIT PLANS

REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN NOTES & SCHEDULES

SHEET NUMBER:
SP-P200

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cinco, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6887
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SKYE, LLC
1800 SE 10th DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COON-WEBSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

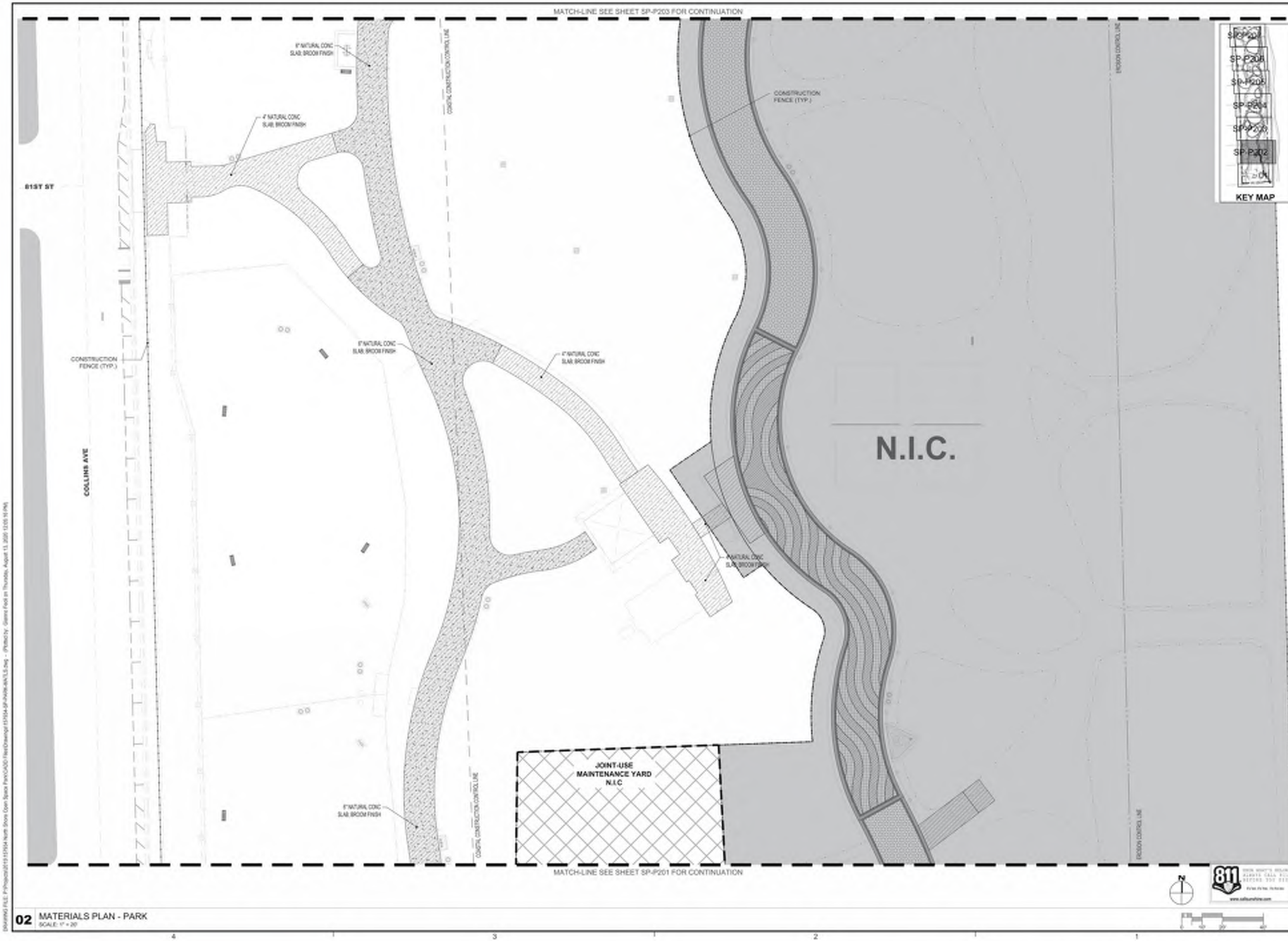
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN - PARK

SHEET NUMBER:
SP-P201



02 MATERIALS PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE., Suite 550, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANK SKYE, LLC
1900 SLUSER DRIVE
SUITE 100
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001943

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COOK-WESSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

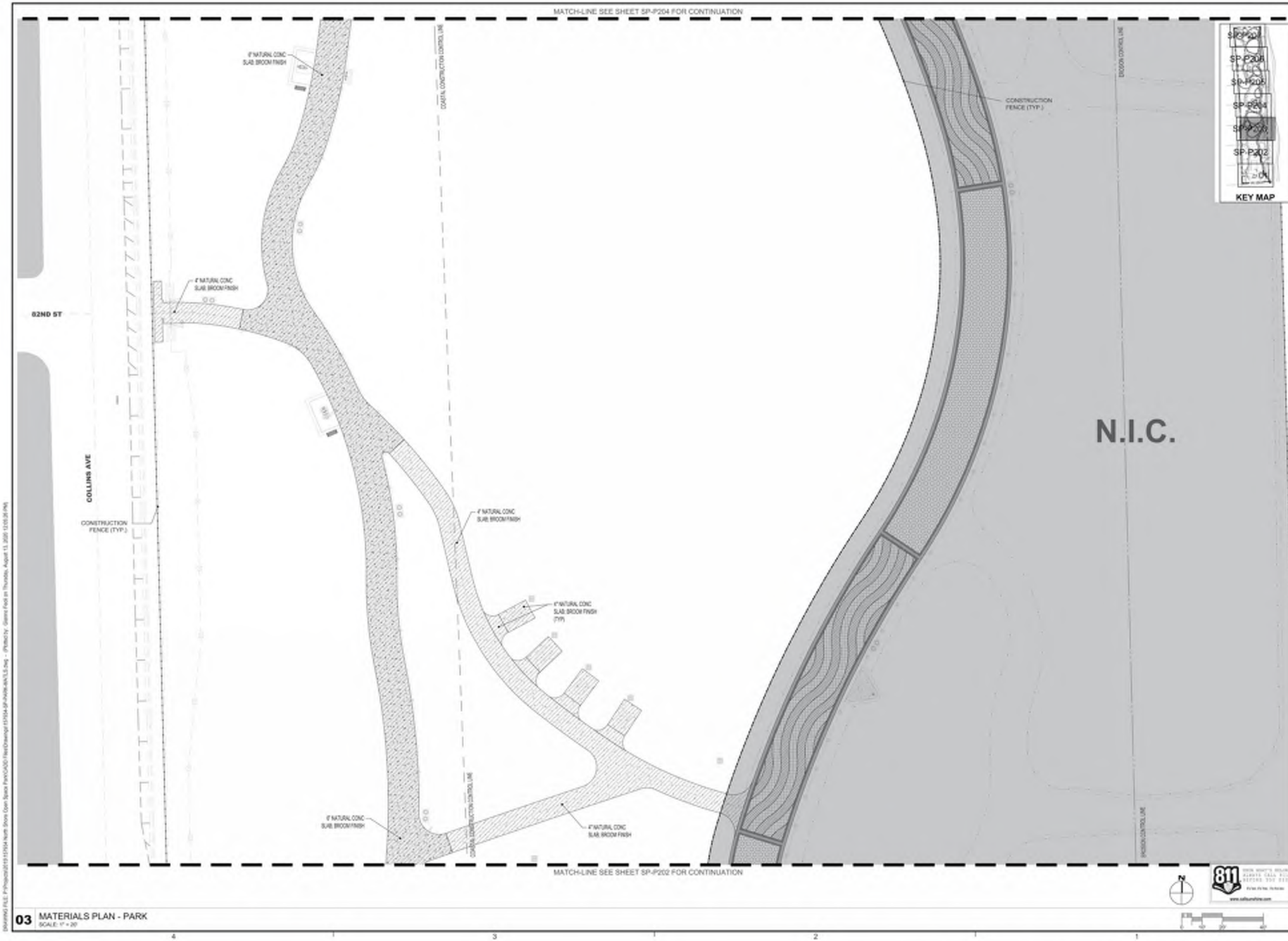
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN - PARK

SHEET NUMBER:
SP-P202



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000038
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SHYE, LLC
1800 SULLER DRIVE
SUITE 900
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001943

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 105
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COOK-WEDDON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

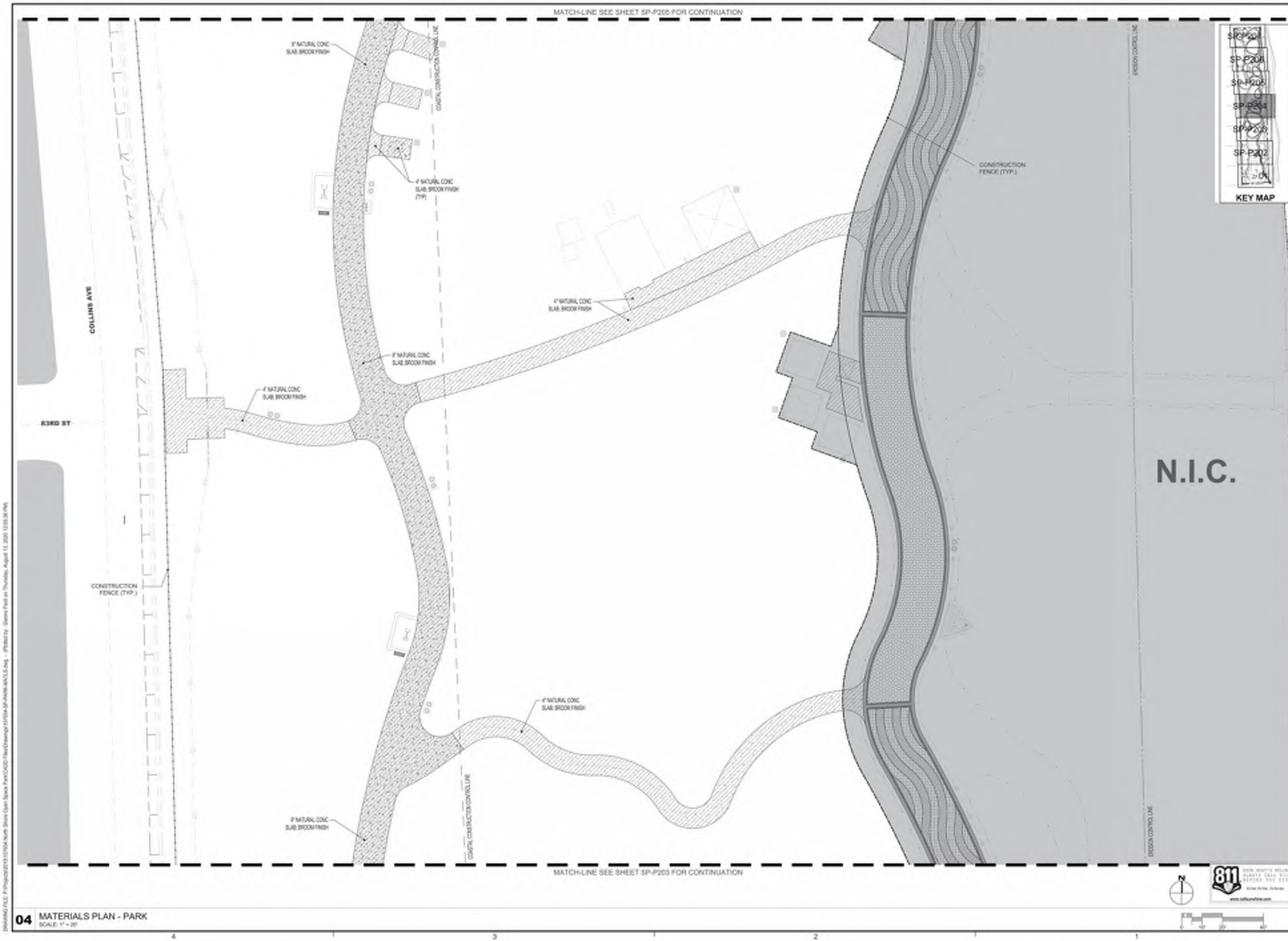
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN - PARK

SHEET NUMBER:
SP-P203



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE, Suite 550, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000538
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SHYE, LLC
1680 SE 1ST DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001943

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 105
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TIMMY O. COOK-WIGGINS, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN - PARK

SHEET NUMBER:
SP-P204

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
E X C E P T I O N A L S O L U T I O N S
1800 SE Cinco, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6897
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1680 SE 1ST DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
FABIAN D. COOK-WEDDAN, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

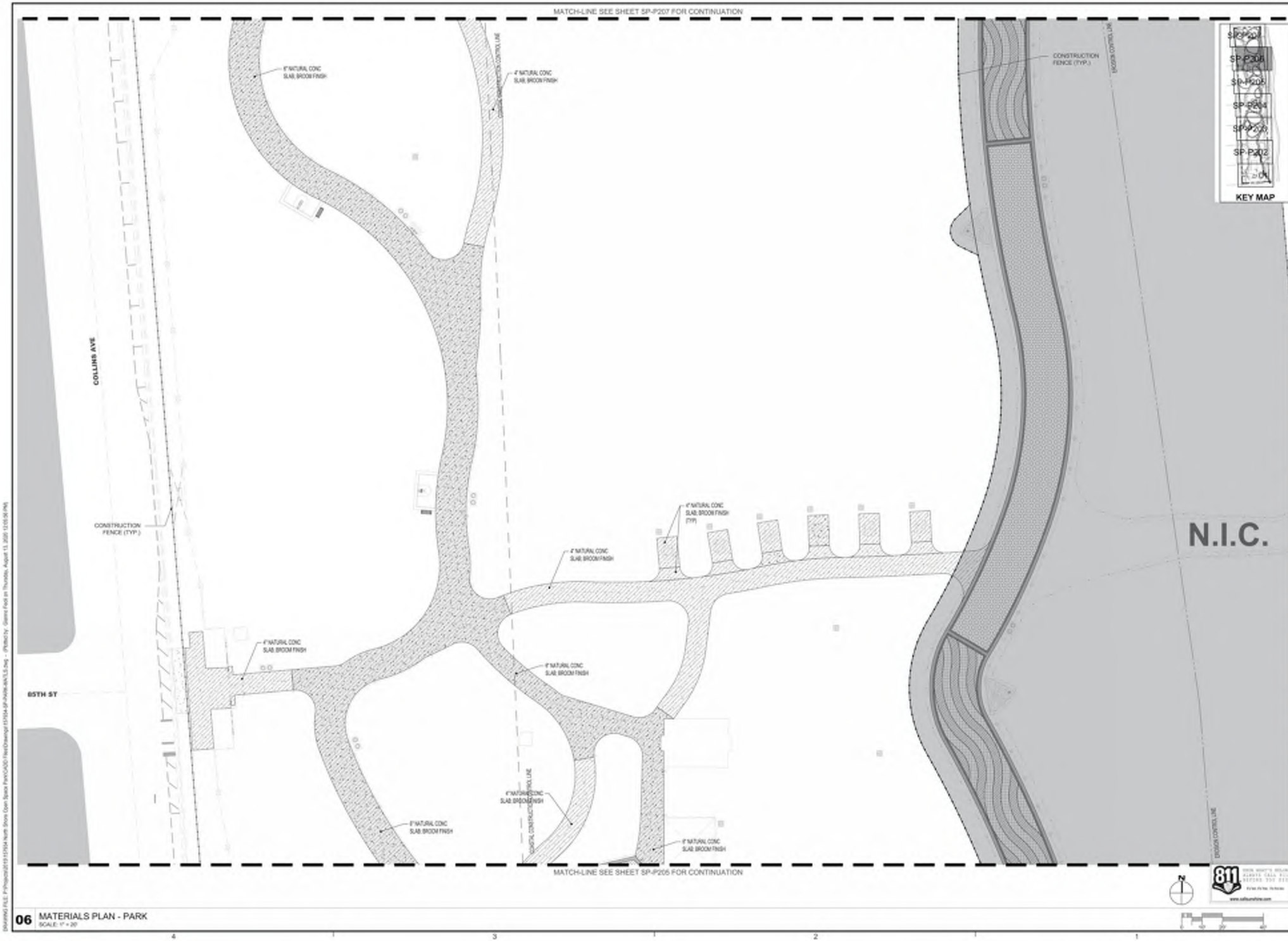
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN - PARK

SHEET NUMBER:
SP-P205



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 17th Street, Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000538
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANK SKYE, LLC
1900 SLUSER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001943

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 105
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COON-WEGGON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

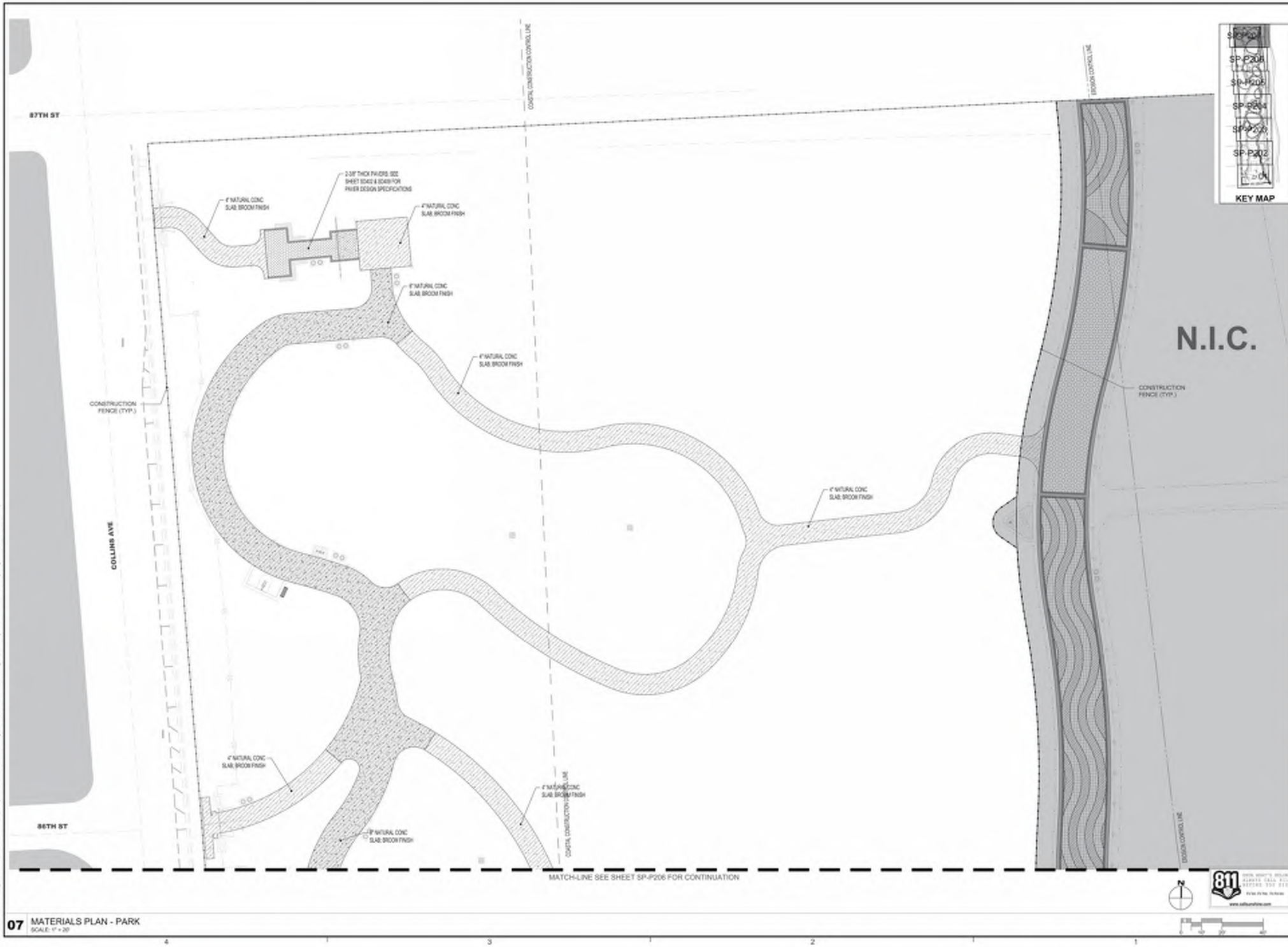
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN - PARK

SHEET NUMBER:
SP-P206



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 17th Street, Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000539
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1680 SE 1st AVENUE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TIMMY O. COON-WEGGEN, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN - PARK

SHEET NUMBER:
SP-P207

NOTES:

1. WHEN NEW PAVEMENT IS PLACED AGAINST EXISTING PAVEMENT, SAW-CUT WITH A METAL EDGE AT NEAREST EXISTING JOINT AT CONCRETE PAVING AND INSTALL NEW SURFACE GRADE SMOOTH AND FLUSH.
2. ALL EXISTING TREES TO BE RETAINED SHALL BE PROTECTED AT THE TREE PROTECTION ZONE (TPZ) BY A FENCE AS SPECIFIED. ALL EXCAVATION WITHIN THE TPZ SHALL BY DONE BY HAND AND SHALL BE CONTINUOUSLY SUPERVISED BY A CERTIFIED ARBORIST AT ALL TIMES.
3. NATURAL CONCRETE TO BE FIBER-MESH REINFORCED.

BEACHWALK

- 6" CONC SLAB; NATURAL COLOR, SMOOTH, BROOM FINISH
- 4" CONC SLAB; NATURAL COLOR, SMOOTH, BROOM FINISH
- CONC; NATURAL COLOR; SEE DETAILS FOR SPECIFICATIONS
- 4" x 8' PAVER, COLOR: BENTCREEK
- 4" x 8' PAVER, COLOR: FLAMINGO
- 4" x 8' PAVER, COLOR: PEACH
- 4" x 8' PAVER, COLOR: MALT
- 4" x 8' PAVER, REFER TO PLAN ENLARGEMENTS FOR COLOR

DRAWING FILE: P:\Projects\2015\15934 North Shore Open Space Park\CADD Files\Drawings\15934-SP-B\NTLS_SCHED.dwg - Plotted by: Dominic Mack on Thursday, August 13, 2020 2:15:57 PM

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 10th Ave, Suite 540, Fort Lauderdale, Florida 33316
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CERTIFICATES OF AUTHORIZATION:
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ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
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CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROBINN SAYE, LLC
1900 SLUDER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940

GEOTECHNICAL CONSULTANT:
KITTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 130
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COON-WEDDON, R.L.A.
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN NOTES & SCHEDULES

SHEET NUMBER:
SP-B200

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1 Ave, Suite 600, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000538
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1960 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7929 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TAMMY D. COON-WEGGEL, PLLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN - BEACHWALK

SHEET NUMBER:
SP-B201

02 MATERIALS PLAN - BEACHWALK
SCALE: 1" = 20'

DRAWING FILE: P:\Projects\2015\15934 North Shore Open Space Park\CADD Files\Drawings\15934-SP-BKLK-MP-L3.dwg - (Plotted by: Dominic Mack on Thursday, August 13, 2020 2:20:39 PM)

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 17th St., Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000038
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1960 SLUDER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COON-WEGGEN, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 8/14/20 REDESIGN REV FOR CP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

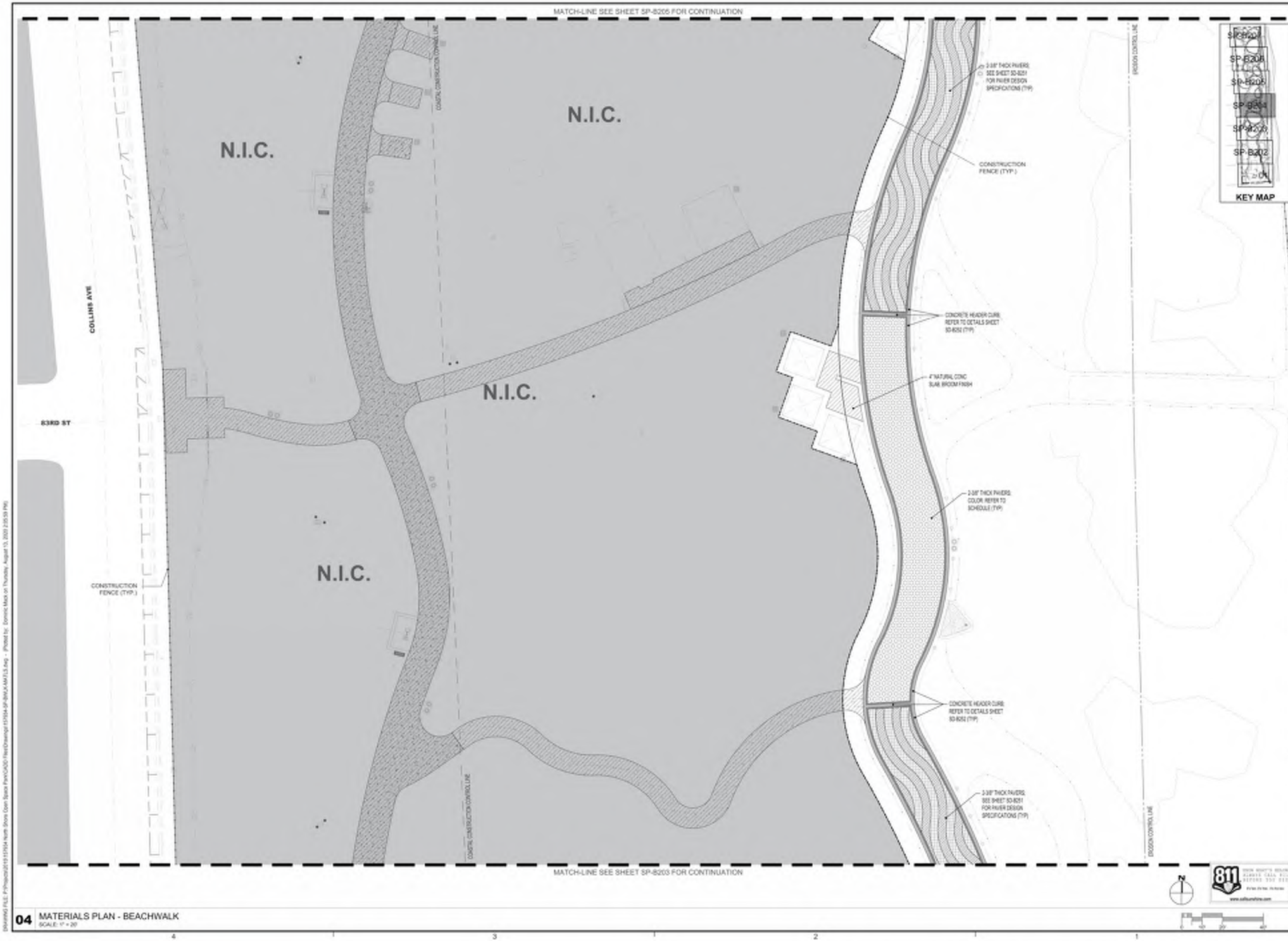
ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN - BEACHWALK

SHEET NUMBER:
SP-B202

MATCH-LINE SEE SHEET SP-B204 FOR CONTINUATION
82ND ST
COLLINS AVE
CONSTRUCTION FENCE (TYP.)
COASTAL CONSTRUCTION CONTROL LINE
N.I.C.
N.I.C.
N.I.C.
2-3/8" THICK PAVERS; SEE SHEET SD-B201 FOR PAVER DESIGN SPECIFICATIONS (TYP)
CONSTRUCTION FENCE (TYP.)
CONCRETE HEADER CURB; REFER TO DETAILS SHEET SD-B202 (TYP)
2-3/8" THICK PAVERS; COLOR: REFER TO SCHEDULE (TYP)
EROSION CONTROL LINE
KEY MAP
SP-B201
SP-B202
MATCH-LINE SEE SHEET SP-B202 FOR CONTINUATION
03 MATERIALS PLAN - BEACHWALK
SCALE: 1" = 20'
CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139
PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING
CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013
ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SAFE, LLC
GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
NORTH BEACH OCEANSIDE PARK PROJECT
7509 ATLANTIC WAY, MIAMI BEACH, FL 33141
SEAL:
8/14/2020
REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS
PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS
SCALE:
AS SHOWN
ISSUE DATE:
8/14/2020
CGA PROJECT NUMBER:
15-7934
SHEET TITLE:
MATERIALS PLAN - BEACHWALK
SHEET NUMBER:
SP-B203



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 10th Ave, Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000538
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1499 SLUDER DRIVE
SUITE 500
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001945

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2501 NW 112TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7929 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COON-WEEDON, PLLC
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1326

REVISIONS:
1 8/14/20 REDESIGN REV PER CP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

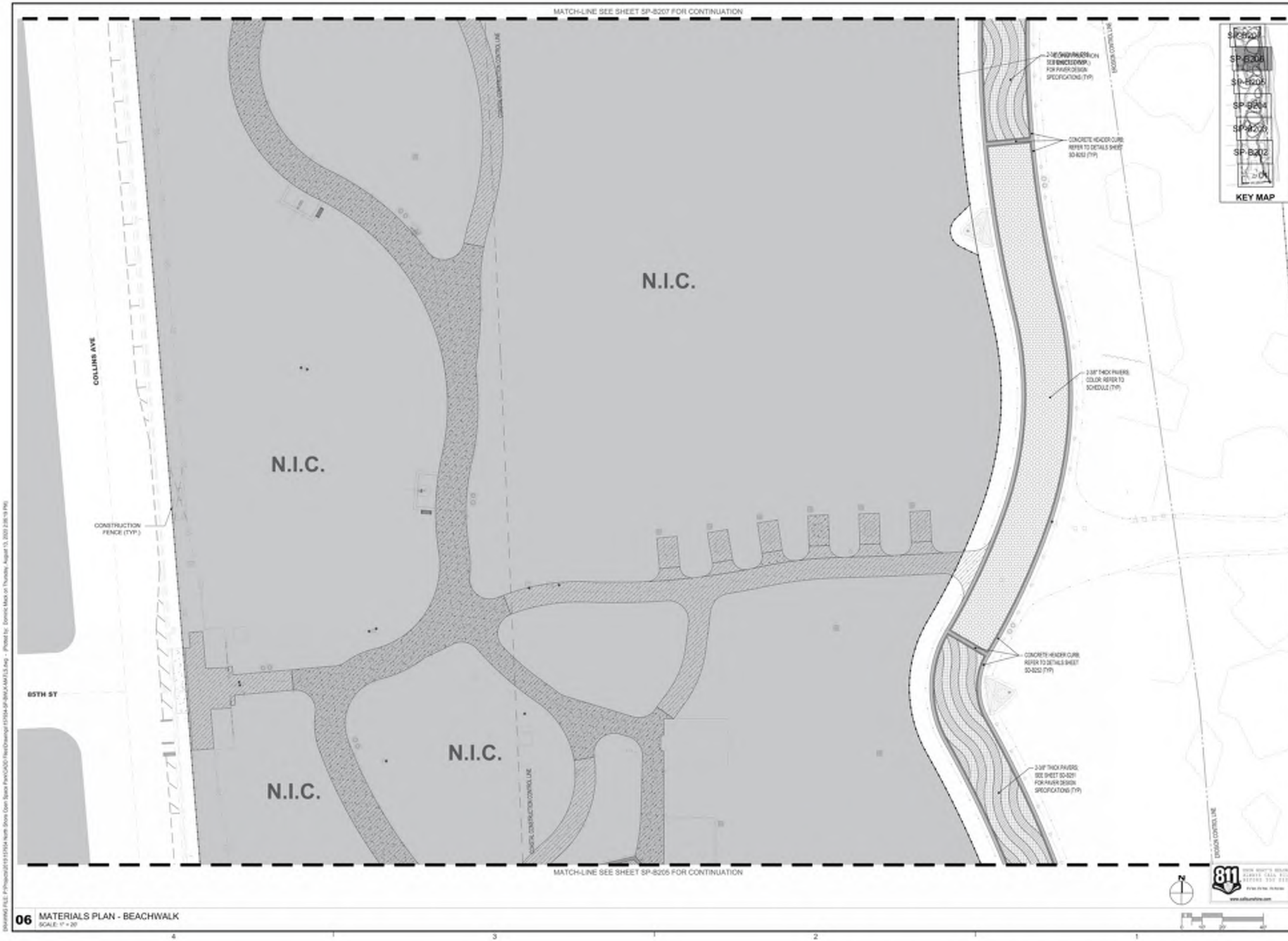
ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN - BEACHWALK

SHEET NUMBER:
SP-B204

MATCH-LINE SEE SHEET SP-B206 FOR CONTINUATION
N.I.C.
N.I.C.
N.I.C.
N.I.C.
COLLINS AVE
84TH ST
CONSTRUCTION FENCE (TYP.)
COASTAL CONSTRUCTION CONTROL LINE
CONSTRUCTION FENCE (TYP.)
2-3/8" THICK PAVERS; SEE SHEET SD-B251 FOR PAVER DESIGN SPECIFICATIONS (TYP)
CONCRETE HEADER CURB; REFER TO DETAILS SHEET SD-B252 (TYP)
2-3/8" THICK PAVERS; COLOR: REFER TO SCHEDULE (TYP)
CONCRETE HEADER CURB; REFER TO DETAILS SHEET SD-B252 (TYP)
2-3/8" THICK PAVERS; SEE SHEET SD-B251 FOR PAVER DESIGN SPECIFICATIONS (TYP)
4" NATURAL CONC SLAB, BROOM FINISH
4" NATURAL CONC SLAB, BROOM FINISH
HIDDEN CONTROL LINE
SP-B203
SP-B206
SP-B205
SP-B204
SP-B201
SP-B202
KEY MAP
MATCH-LINE SEE SHEET SP-B204 FOR CONTINUATION
N
811
05 MATERIALS PLAN - BEACHWALK
SCALE: 1" = 20'
CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139
PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000038
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING
CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013
ARCHITECTURAL CONSULTANT:
SYMLOWSKI ROMANK SAYE, LLC
GEOTECHNICAL CONSULTANT:
KUTTING ENGINEERS OF FLORIDA, INC.
NORTH BEACH OCEANSIDE PARK PROJECT
7509 ATLANTIC WAY, MIAMI BEACH, FL 33141
SEAL:
8/14/2020
REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS
PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS
SCALE:
AS SHOWN
ISSUE DATE:
8/14/2020
CGA PROJECT NUMBER:
15-7934
SHEET TITLE:
MATERIALS PLAN - BEACHWALK
SHEET NUMBER:
SP-B205



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1 Ave., Suite 600, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000538
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1960 SLOER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2501 NW 112TH AVENUE
SUITE 106
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TAMMY D. COON-WESSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1326

REVISIONS:
1 8/14/20 REDESIGN RCV PER DP AND PARKS

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
MATERIALS PLAN - BEACHWALK

SHEET NUMBER:
SP-B206

87TH ST
86TH ST
COLLINS AVE
COLLINS AVE
CONSTRUCTION FENCE (TYP.)
N.I.C.
N.I.C.
N.I.C.
N.I.C.
COASTAL CONSTRUCTION CONTROL LINE
EROSION CONTROL LINE
2-3/8" THICK PAVERS; SEE SHEET SD-B201 FOR PAVER DESIGN SPECIFICATIONS (TYP)
2-3/8" THICK PAVERS; COLOR: REFER TO SCHEDULE (TYP)
CONSTRUCTION FENCE (TYP.)
CONCRETE HEADER CURB; REFER TO DETAILS SHEET SD-B202 (TYP)
2-3/8" THICK PAVERS; SEE SHEET SD-B201 FOR PAVER DESIGN SPECIFICATIONS (TYP)
MATCH-LINE SEE SHEET SP-B206 FOR CONTINUATION
KEY MAP
SP-B206
SP-B205
SP-B204
SP-B203
SP-B202
07 MATERIALS PLAN - BEACHWALK
SCALE: 1" = 20'
CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139
PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING
CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013
ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SHYE, LLC
GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
NORTH BEACH OCEANSIDE PARK PROJECT
7509 ATLANTIC WAY, MIAMI BEACH, FL 33141
SEAL:
8/14/2020
REVISIONS:
1 8/14/20 REDESIGN REV PER DP AND PARKS
PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS
SCALE:
AS SHOWN
ISSUE DATE:
8/14/2020
CGA PROJECT NUMBER:
15-7934
SHEET TITLE:
MATERIALS PLAN - BEACHWALK
SHEET NUMBER:
SP-B207

Chrysobalanus icaco | Cocoplum

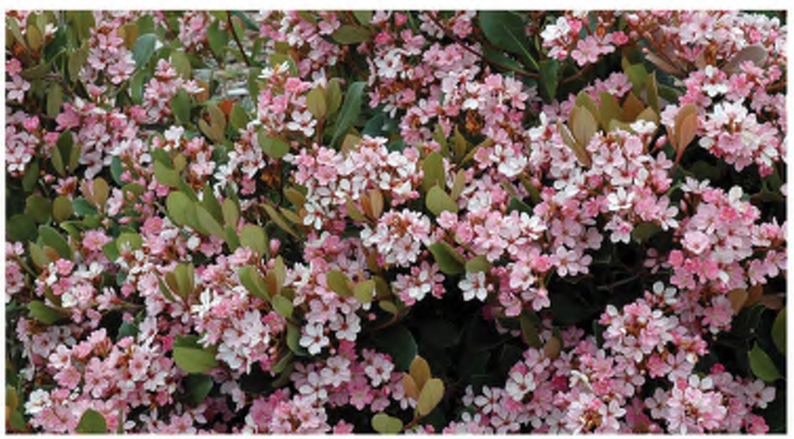
Clusia rosea | Autograph Tree

Ernodea littoralis | Beach Creeper

Hibiscus rosea-sinensis | Hibiscus

Ilex vomitaria | Yaupon Holly

Muhlenbergia capillaris | Pink Muhly Grass



Raphiolepis indica | Indian Hawthorne

Spartina bakeri | Sand Cord Grass

Ficus microcarpa 'Green Island' | Green Island Ficus

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1 Street, Suite 600, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000038
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANI SKIFF, LLC
1800 ELLER DRIVE
SUITE 600
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TAMMY G. COON-WESSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1328

REVISIONS:
5 5/12/20 ARBORIST REC.

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

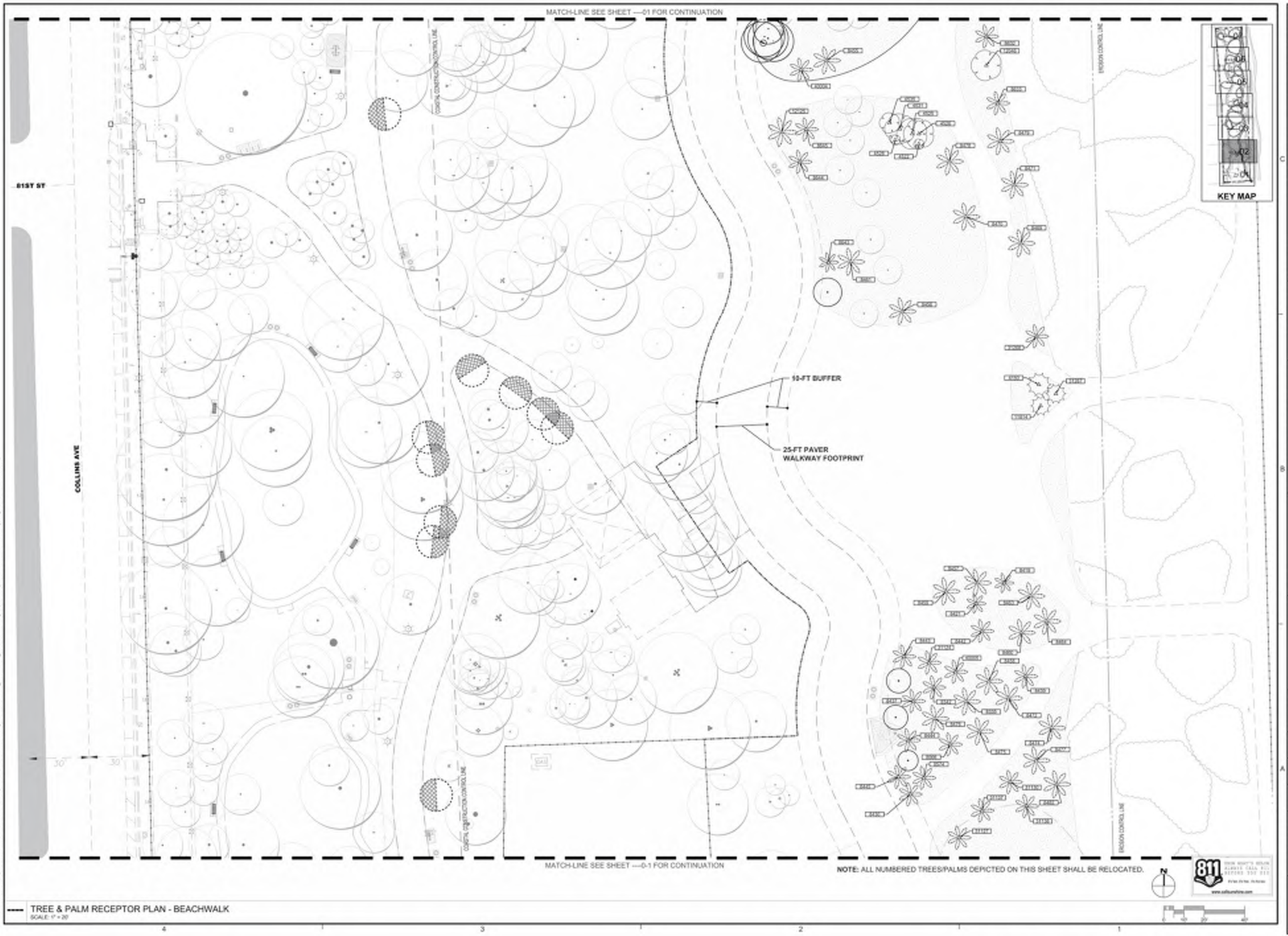
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TREE & PALM RECEPTOR PLAN - BEACHWALK

SHEET NUMBER:
L-B201



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1 Ave, Suite 600, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000038
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1800 SW 1 AVE
SUITE 500
FORT LAUDERDALE, FL 33315
FIRM LICENSE: AA0001040

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
FABIAN D. COON-MEDINA, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
5/12/20 ARBORIST REC.

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

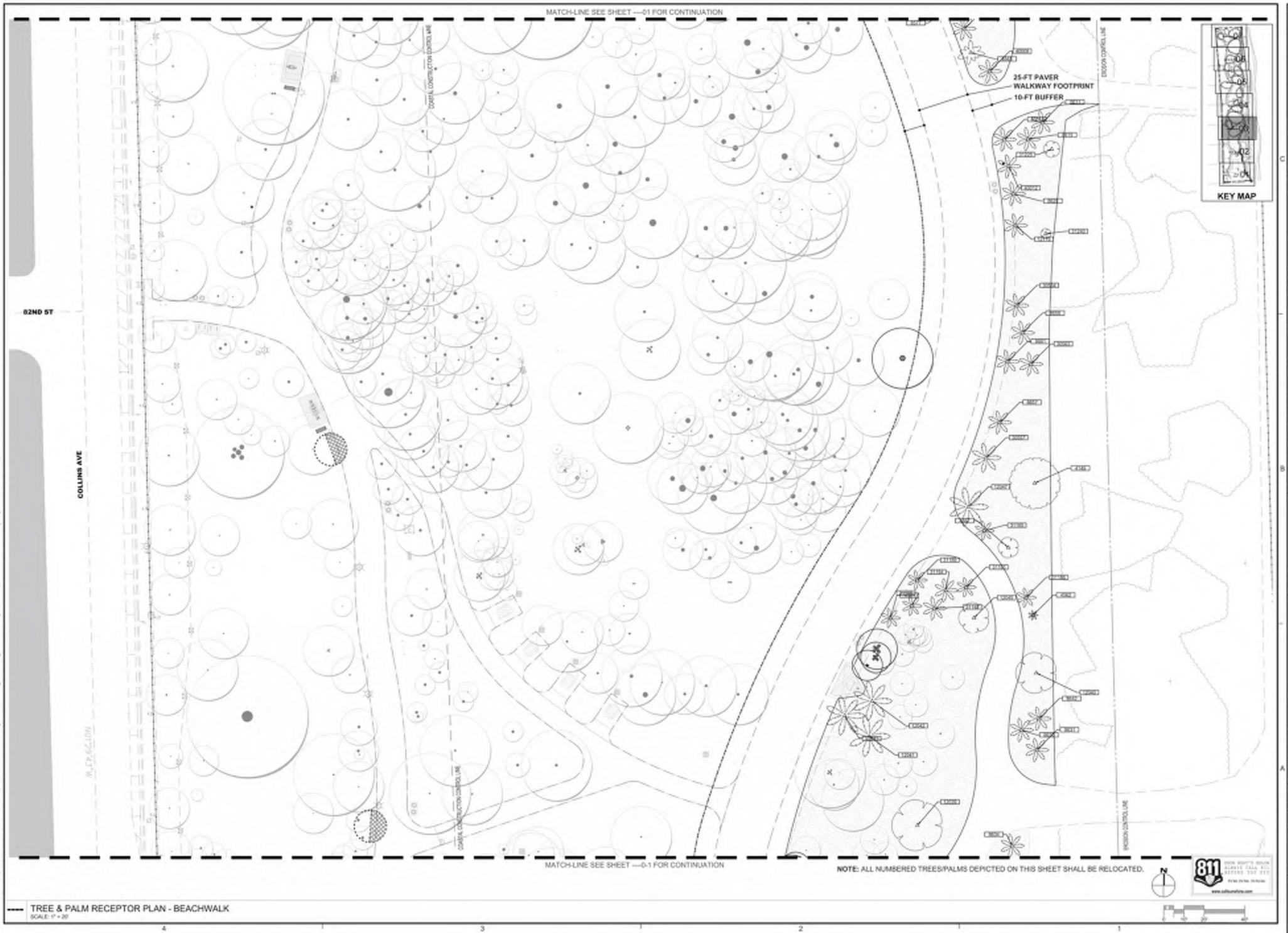
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TREE & PALM RECEPTOR PLAN - BEACHWALK

SHEET NUMBER:
L-B202



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 17th St., Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
303 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1960 SLUSER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940
GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 4444

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TAMMY G. COON-WESSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1326

REVISIONS:
1 5/12/20 ARBORIST REC.
2 6/2/20 UF DEPT.

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

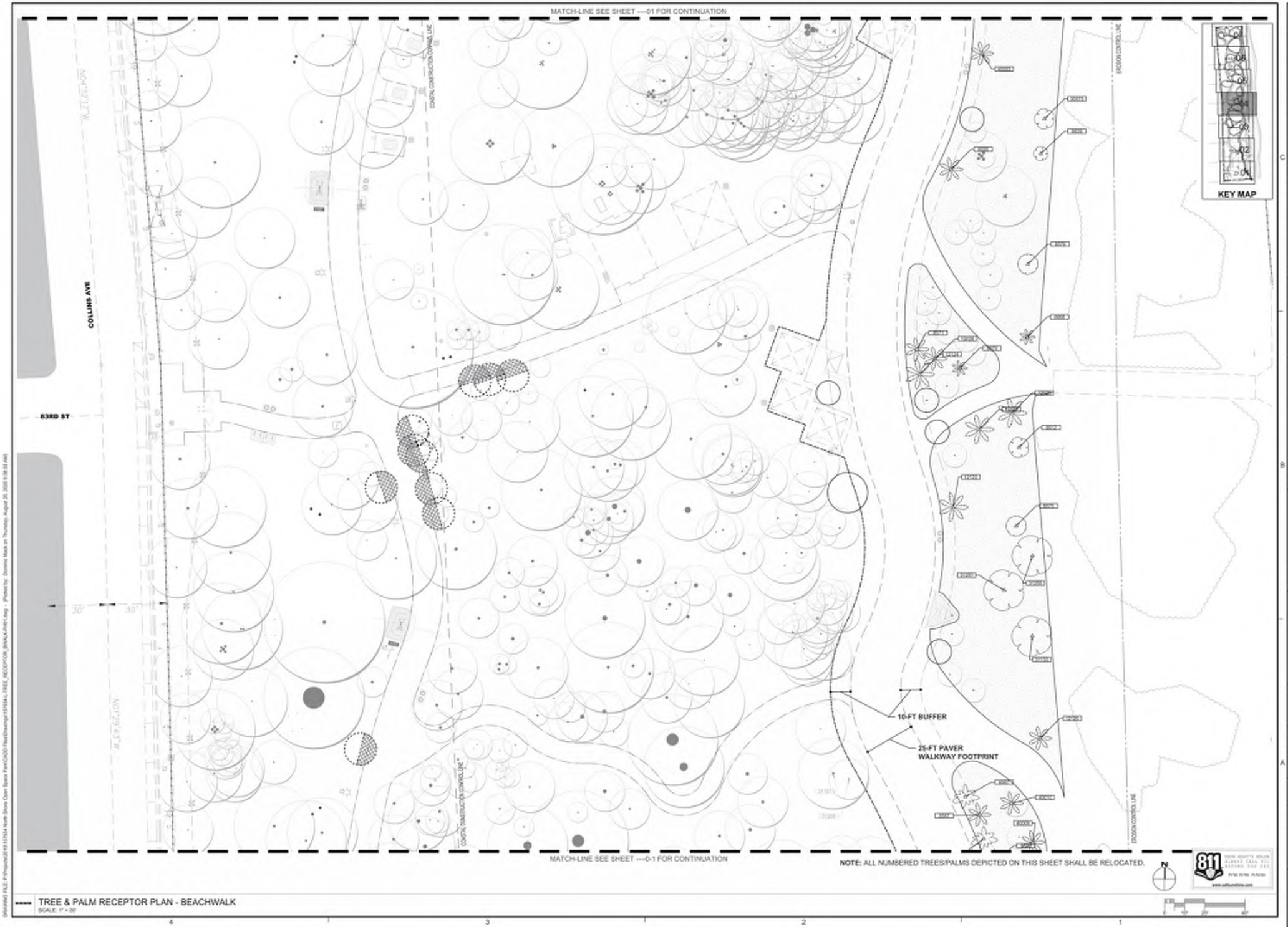
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TREE & PALM RECEPTOR PLAN - BEACHWALK

SHEET NUMBER:
L-B203



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 17th St., Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANK SAYE, LLC
1900 CLUB DRIVE
SUITE 600
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 4444

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TIMMY D. COON-WEEDON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1428

REVISIONS:
5/12/20 ARBORIST REC.

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

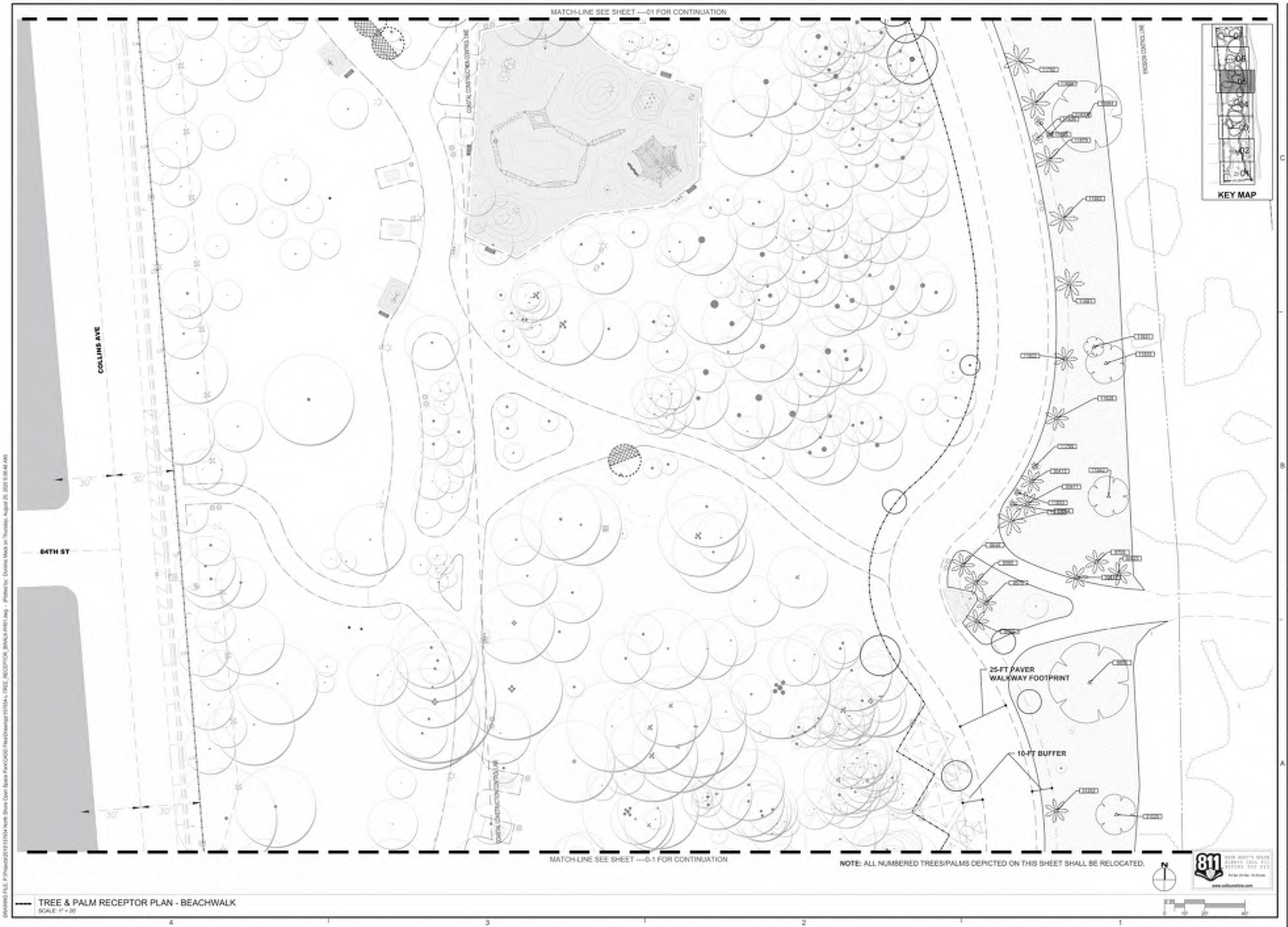
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TREE & PALM RECEPTOR PLAN - BEACHWALK

SHEET NUMBER:
L-B204



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 10th Ave, Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1800 SLUDER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TAWNI O. COON-WESSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1326

REVISIONS:
5/12/20 ARBORIST REC.

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

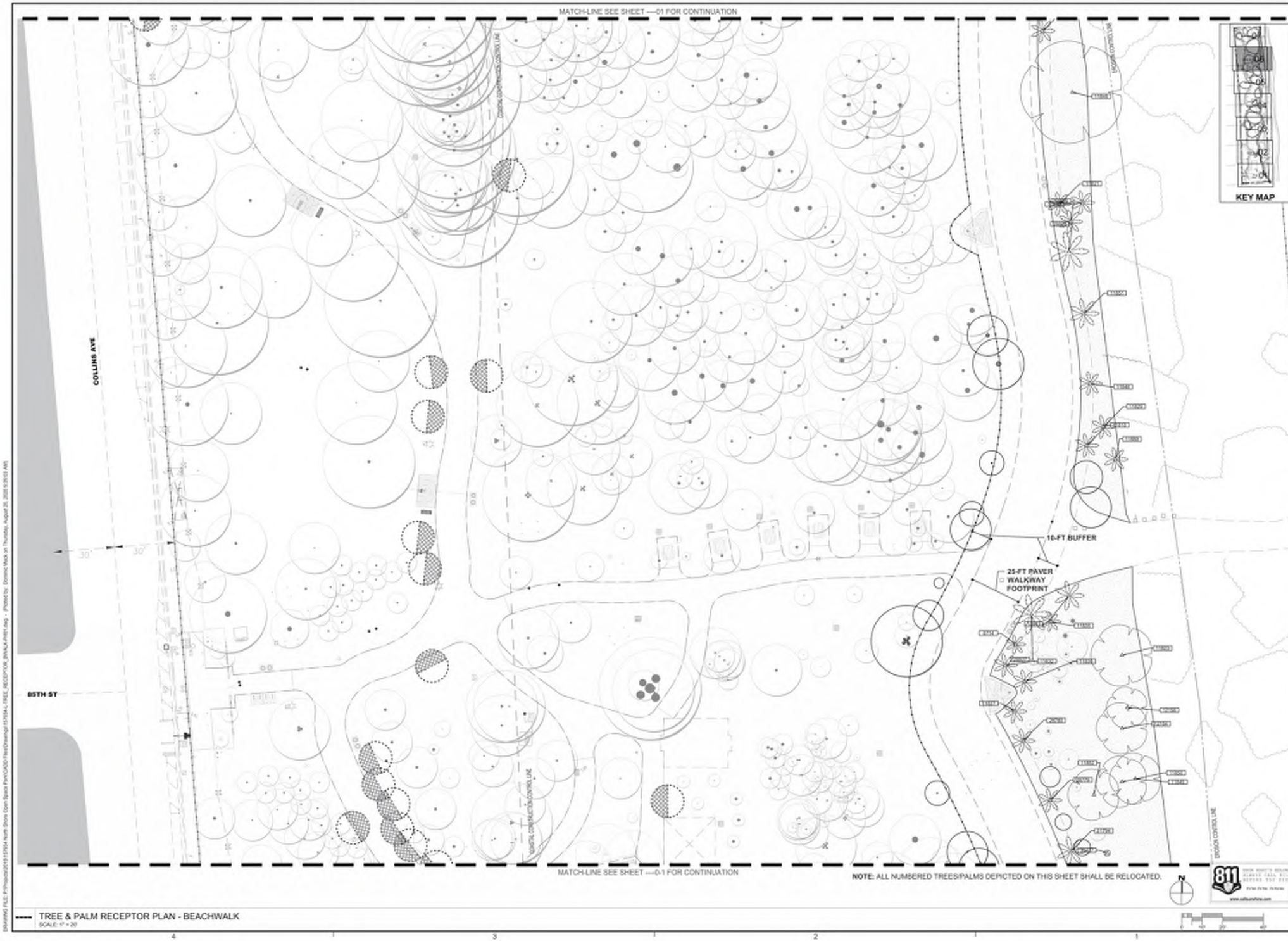
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TREE & PALM RECEPTOR PLAN - BEACHWALK

SHEET NUMBER:
L-B205



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
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PRIME CONSULTANT:
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LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
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CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
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SUITE 905
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ARCHITECTURAL CONSULTANT:
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1900 ELLER DRIVE
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SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TAMMY D. COON-WISSOM, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
5/12/20 ARBORIST REC.

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TREE & PALM RECEPTOR PLAN - BEACHWALK

SHEET NUMBER:
L-B206

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 10th Ave, Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
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300 HUDSON STREET
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SUITE 680
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FIRM LICENSE: AA0003940
GEOTECHNICAL CONSULTANT:
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2001 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
FABIAN D. COON-MEDINA, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1428

REVISIONS:
5/12/20 ARBORIST REC.

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
TREE & PALM RECEPTOR PLAN - BEACHWALK

SHEET NUMBER:
L-B207

PROPOSED PLANT LIST - PARK PHASE ONLY

Abbrev	Qty	Scientific Name	Common Name	Specifications
TREES AND PALMS				
BS	9	Bursera simaruba	Gumbo Limbo	Field Grown, 18' Ht. x 7' Min. Sprd., Min 5" DBH, 6' CT., Florida No. 1, Matched
CE	5	Conocarpus erectus	Green Buttonwood	Field Grown, 12' Ht. x 4' Min. Sprd., Min 2" DBH, 4' CT., Florida No. 1, Matched
CS	1	Chorisia speciosa	Silk Floss Tree	Field Grown, 18' Ht. x 7' Min. Sprd., Min 5" DBH, 6' CT., Florida No. 1, Matched
CD	0	Coccoloba diversifolia	Pidgeon Plum	Field Grown, 18' Ht. x 7' Min. Sprd., Min 5" DBH, 6' CT., Florida No. 1, Matched
CN	0	Cocos nucifera 'Green Malayan'	Green Malayan Coconut Palm	F.G., 12' Min. OW, Single Trunk, Florida Fancy, Lethal Yellowing Certified
PC	2	Phoenix canariensis	Date Palm	F.G., 8' Min. OW, Heavy Trunk, Florida Fancy, Single, Matched
SP	27	Sabal palmetto	Sabal Palm	F.G., 16-18' Min. OA, Character Trunk, Contractor to provide photographs for approval by LA prior to site delivery
SR	0	Serenoa repens	Saw Palmetto	Field Grown, 25G, 2-3' Ht
SHRUBS (HIGH SALT TOLERANCE)				
CAC	209	Capparis cynophallophora	Jamaican Caper	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
CAB	93	Cassia bahamiensis	Bahama Cassia	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
CHI	2356	Chrysobalanus icaco	Cocoplum	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
CLU	3826	Clusia rosea	Autograph Tree	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
ERI	0	Ernodea littoralis	Beach Creeper	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
HIB	513	Hibiscus rosea-sinensis	Hibiscus	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
HYM	154	Hymenocallis latifolia	Spider Lily	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
ILE	758	Ilex vomitaria	Yaupon Holly	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 18" O.C.
JAT	187	Jatropha hastata	Jatropha	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
JUN	424	Juniperus Spp	Juniper	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
MUH	2562	Muhlenbergia capillaris	Pink Muhly Grass	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
MCE	139	Myrica cerifera	Wax Myrtle	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
RAP	3957	Raphiolepis indica	Indian Hawthorne	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 18" O.C.
RUS	736	Russelia equisetiformis	Firecracker Plant	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
SOP	315	Sophora tormentosa	Necklace Pod	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
SPA	24	Spartina bakeri	Sand Cord Grass	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
VIT	1184	Vitex trifolia	Vitex	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
SHRUBS (MODERATE SALT TOLERANCE)				
ACH	73	Acalypha hispida	Chenille Plant	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
ACW	235	Acalypha wilkesiana	Copperleaf	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
ALP	792	Alpinia nutans	Shell Ginger	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
COD	173	Codiaeum variegatum	Croton	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 18" O.C.
DUR	2519	Duranta erecta 'Goldmound'	Gold Mound Duranta	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 18" O.C.
FMG	4309	Ficus microcarpa 'Green Island'	Green Island Ficus	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 18" O.C.
JAS	192	Jasminum multiflorum	Downy Jasmine	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
PIT	727	Pittosporum tobira 'Variegata'	Variegated Pittosporum	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 18" O.C.
POD	783	Podocarpus macrophyllus 'Pringles'	Dwarf Podocarpus	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
PSY	318	Psychotria nervosa	Wild Coffee	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
GROUNDCOVERS (HIGH SALT TOLERANCE)				
BOR	370	Borrichia frutescens	Sea Ox-Eye Daisy	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
EVO	2983	Evolvus glomeratus	Blue Daze	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 18" O.C.
GAI	890	Gaillardia pulchella	Gaillardia	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 18" O.C.
HEL	2294	Helianthus debilis	Dune Beach Sunflower	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 18" O.C.
SES	762	Sesuvium portulacastrum	Sea Purslane	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
TRA	1409	Trachelospermum asiaticum	Asiatic Jasmine	1 Gal., Full, Max. 18" O.C.
WED	1072	Wedelia trilobata	Wedelia	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2' O.C.
GROUNDCOVERS (MODERATE SALT TOLERANCE)				
ASP	1647	Asparagus meyeri	Foxtail Fern	1 Gal., Full, 18" OA Ht 18" O.C.
LIR	1322	Liriope muscari	Liriope	1 Gal., Full, 18" OA Ht 12" O.C.
GROUNDCOVERS BY AREA (HIGH SALT TOLERANCE)				
-	41,774 sf	Arachis glabrata	Perennial Peanut	
-	165,137 sf	Stenotaphrum secundatum 'Floratam'	St. Augustine 'Floratam' Sod	

Notes:
1. General Contractor shall be responsible for verifying all quantities in accordance to the permitted plant list.
2. All shrubs shall be free of fungus, insects and from all disease.
3. All vegetation shall have root balls fully grown into the specified container - recently transplanted material into up-sized containers shall not be accepted.

SHRUBS & GROUNDCOVER PATTERNS KEY

SHRUBS (HIGH SALT TOLERANCE)

- *CAPPARIS CYNOPHALLOPHORA* JAMAICAN CAPER
- *CASSIA BAHAMIENSIS* BAHAMA CASSIA
- *CHRYSOBALANUS ICACO* COCOPLUM
- *CLUSIA ROSEA* AUTOGRAPH TREE
- *ERNODEA LITTORALIS* BEACH CREEPER
- *HIBISCUS ROSEA-SINENSIS* HIBISCUS (VARIOUS COLORS)
- *HYMENOCALLIS LATIFOLIA* SPIDER LILY
- *ILEX VOMITARIA* YOUPON HOLLY
- *JATROPHA HASTATA* JATROPHA
- *JUNIPERUS SPP* JUNIPER
- *MUHLENBERGIA CAPILLARIS* PINK MUHLY GRASS
- *MYRCIANTHES FRAGRANS* SIMPSON STOPPER
- *MYRICA CERIFERA* WAX MYRTLE
- *RAPHIOLEPIS INDICA* INDIAN HAWTHORNE
- *RUSSELIA EQUISETIFORIMS* FIRECRACKER PLANT
- *SOPHORA TORMENTOSA* NECKLACE POD
- *SPARTINA BAKERI* SAND CORD GRASS
- *VITEX TRIFOLIA* VITEX

GENERAL COVERAGE AREAS

- HABITAT PODS: CONTRACTOR TO UP-ROOT AND REMOVE ALL INVASIVE, EXOTIC AND NON-NATIVE VEGETATION AND STUMP GRIND ANY AND ALL EXISTING STUMPS; PLANTING TO BE 'BY OTHERS'
- DUNE PLANTING AREAS: SPECIES VARIES; REFER TO PLANT SCHEDULE FOR SPECIES; DISTRIBUTION TO OF PLANTS WITH THE DESIGNATED AREAS TO BE CONSISTENTLY SPACED THROUGHOUT
- MULCH AREAS UNDER TREES; 3" AVERAGE THICKNESS; 1-1/2" MINIMUM THICKNESS; CONTRACTOR TO LIGHTLY HAND-TAMP MULCH FOR MINIMUM COMPACTION

SHRUBS (MODERATE SALT TOLERANCE)

- *ACALYPHA HISPIDA* CHENILLE PLANT
- *ACALYPHA WILKESIANA* COPPERLEAF
- *ALPINIA NUTANS* SHELLGINGER
- *CODIAEUM VARIEGATUM* CROTON
- *DURANTA ERECTA 'GOLDMOUND'* GOLD MOUND DURANTA
- *FICUS MACROCARPA 'GREEN ISLAND'* GREEN ISLAND FICUS
- *JASMINUM MULTIFLORUM* DOWNY JASMINE
- *PITTOSPORUM TOBIRA 'VARIEGATA'* VARIEGATA PITTOSPORUM
- *PODOCARPUS MACROPYLLUS 'PRINGLES'* DWARF PODOCARPUS
- *PSYCHOTRIA NERVOSA* WILD COFFEE

GROUNDCOVERS (HIGH SALT TOLERANCE)

- *ARACHIS GLABRATA* PERENNIAL PEANUT
- *BORRICHIA FRUTESCENS* SEA OX-EYE DAISY
- *EVOLVUS GLOMERATUS* BLUE DAZE
- *GAILLARDIA PULCHELLA* GAILLARDIA
- *HELIANTHUS DEBILIS* DUNE BEACH SUNFLOWER
- *SESUVIUM PORTULACASTRUM* SEA PURSLANE
- *TRACHELOSPERMUM ASIATICUM* ASIASTIC JASMINE
- *WEDELIA TRILOBATA* WEDELIA

GROUNDCOVERS (MODERATE SALT TOLERANCE)

- *ASPARAGUS MEYERI* FOXTAIL FERN
- LIROIPE MUSCARI LIRIOPE

TURF (HIGH SALT TOLERANCE)

- *STENOTAPHRUM SECUNDATUM* ST. AUGUSTINE 'FLORATAM' SOD

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

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CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
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ARCHITECTURAL CONSULTANT:
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1900 CLUB DRIVE
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FIRM LICENSE: AA0003940
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KITTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
FABIAN D. COON-WEDDON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 6/7/19 ADDENDUM #5

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING SCHEDULES - PARK

SHEET NUMBER:
L-P501

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

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LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
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CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
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CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COON-WESSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:
1 6/7/19 ADDENDUM #5

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED CANOPY PLANTING PLAN - PARK

SHEET NUMBER:
L-P601

TREE STAKING NOTE: ALL TREES TO BE STAKED PER DETAIL 6, SHEET L901, UNLESS OTHERWISE NOTED.
UNCOMPACTED SOIL NOTE: GC SHALL GUARANTEE A MINIMUM VOLUME OF NO LESS THAN THE SPECIFIED QUANTITY OF UNCOMPACTED SOILS AROUND CRITICAL ROOT AREAS LOCATED BENEATH ANY HARDSCAPE IMPROVEMENTS

02 PROPOSED CANOPY PLANTING PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
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EXCEPTIONAL SOLUTIONS
1800 SW 1 Street, Suite 600, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANK SKYE, LLC
1900 SLUSER DRIVE
SUITE 100
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0001840

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 105
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 4444

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COOK-WEGGON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED CANOPY PLANTING PLAN - PARK

SHEET NUMBER:
L-P602

TREE STAKING NOTE: ALL TREES TO BE STAKED PER DETAIL 6, SHEET L-901, UNLESS OTHERWISE NOTED.
UNCOMPACTED SOIL NOTE: GC SHALL GUARANTEE A MINIMUM VOLUME OF NO LESS THAN THE SPECIFIED QUANTITY OF UNCOMPACTED SOILS AROUND CRITICAL ROOT AREAS LOCATED BENEATH ANY HARDSCAPE IMPROVEMENTS

03 PROPOSED CANOPY PLANTING PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE Cinco, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
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COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1680 SE 1ST DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FWM LICENSE: AA0003960

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
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MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020

TAMMY D. COOK-WESSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED CANOPY PLANTING PLAN - PARK

SHEET NUMBER:
L-P603

TREE STAKING NOTE: ALL TREES TO BE STAKED PER DETAIL 6, SHEET L901, UNLESS OTHERWISE NOTED.
UNCOMPACTED SOIL NOTE: GC SHALL GUARANTEE A MINIMUM VOLUME OF NO LESS THAN THE SPECIFIED QUANTITY OF UNCOMPACTED SOILS AROUND CRITICAL ROOT AREAS LOCATED BENEATH ANY HARDSCAPE IMPROVEMENTS

04 PROPOSED CANOPY PLANTING PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 10th Court, Suite 200, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SHYE, LLC
1800 SE 10th DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001843

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TIMMY O. COOK-WISSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED CANOPY PLANTING PLAN - PARK

SHEET NUMBER:
L-P604

TREE STAKING NOTE: ALL TREES TO BE STAKED PER DETAIL 6, SHEET L901, UNLESS OTHERWISE NOTED.
UNCOMPACTED SOIL NOTE: GC SHALL GUARANTEE A MINIMUM VOLUME OF NO LESS THAN THE SPECIFIED QUANTITY OF UNCOMPACTED SOILS AROUND CRITICAL ROOT AREAS LOCATED BENEATH ANY HARDSCAPE IMPROVEMENTS

05 PROPOSED CANOPY PLANTING PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
E X C E P T I O N A L S O L U T I O N S

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1499 SLUSER DRIVE
SUITE 100
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001842

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 106
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COON-WISSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED CANOPY PLANTING PLAN - PARK

SHEET NUMBER:
L-P605

TREE STAKING NOTE: ALL TREES TO BE STAKED PER DETAIL 6, SHEET L901, UNLESS OTHERWISE NOTED.
UNCOMPACTED SOIL NOTE: GC SHALL GUARANTEE A MINIMUM VOLUME OF NO LESS THAN THE SPECIFIED QUANTITY OF UNCOMPACTED SOILS AROUND CRITICAL ROOT AREAS LOCATED BENEATH ANY HARDSCAPE IMPROVEMENTS

06 PROPOSED CANOPY PLANTING PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE., Suite 550, Fort Lauderdale, Florida 33315
Phone: 954.987.7195 • Fax: 954.987.8997
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SHYE, LLC
1680 SE 1ST AVENUE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001843

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2501 NW 112TH AVENUE
SUITE 109
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TIMMY D. COON-WISSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED CANOPY PLANTING PLAN - PARK

SHEET NUMBER:
L-P606

TREE STAKING NOTE: ALL TREES TO BE STAKED PER DETAIL 6, SHEET L901, UNLESS OTHERWISE NOTED.
UNCOMPACTED SOIL NOTE: GC SHALL GUARANTEE A MINIMUM VOLUME OF NO LESS THAN THE SPECIFIED QUANTITY OF UNCOMPACTED SOILS AROUND CRITICAL ROOT AREAS LOCATED BENEATH ANY HARDSCAPE IMPROVEMENTS

07 PROPOSED CANOPY PLANTING PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.987.7195 • Fax: 954.987.8997
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1680 ELLER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003960
GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 106
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY D. COOK-WEGGUN, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 6/7/19 ADDENDUM #5

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED CANOPY PLANTING PLAN - PARK

SHEET NUMBER:
L-P607

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE, Suite 550, Fort Lauderdale, Florida 33315
Phone: 954.987.7195 • Fax: 954.987.8997
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SHYE, LLC
1680 SE 1ST DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001842

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 105
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 4444

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COOK-WEGGON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:
1 6/7/19 ADDENDUM #5

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

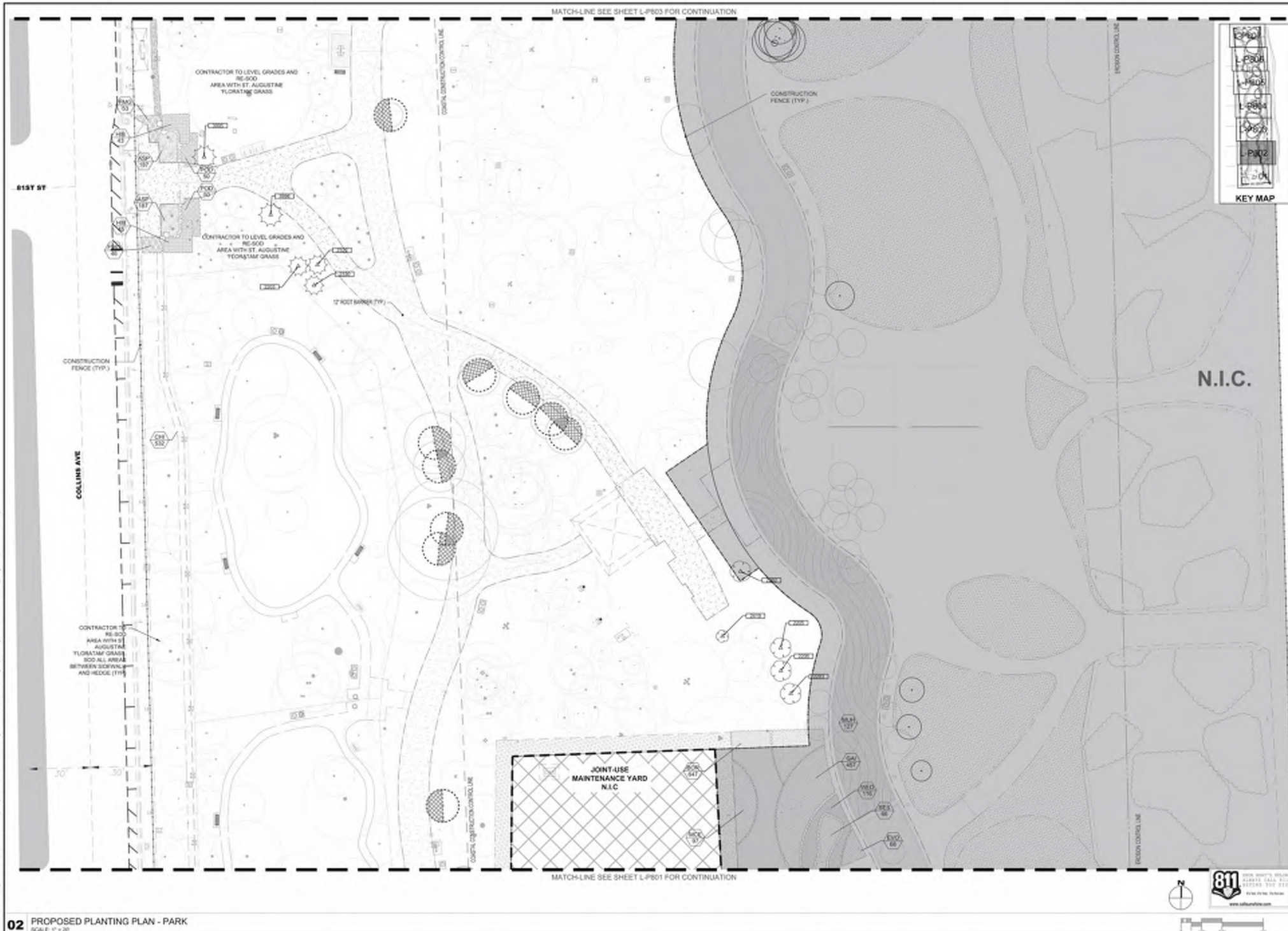
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - PARK

SHEET NUMBER:
L-P801



02 PROPOSED PLANTING PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE, Suite 500, Fort Lauderdale, Florida 33315
Phone: 954.987.7766 • Fax: 954.987.8997
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000038
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SHYE, LLC
1499 SLUSER DRIVE
SUITE 500
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003740

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 106
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COOK-WEGGION, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

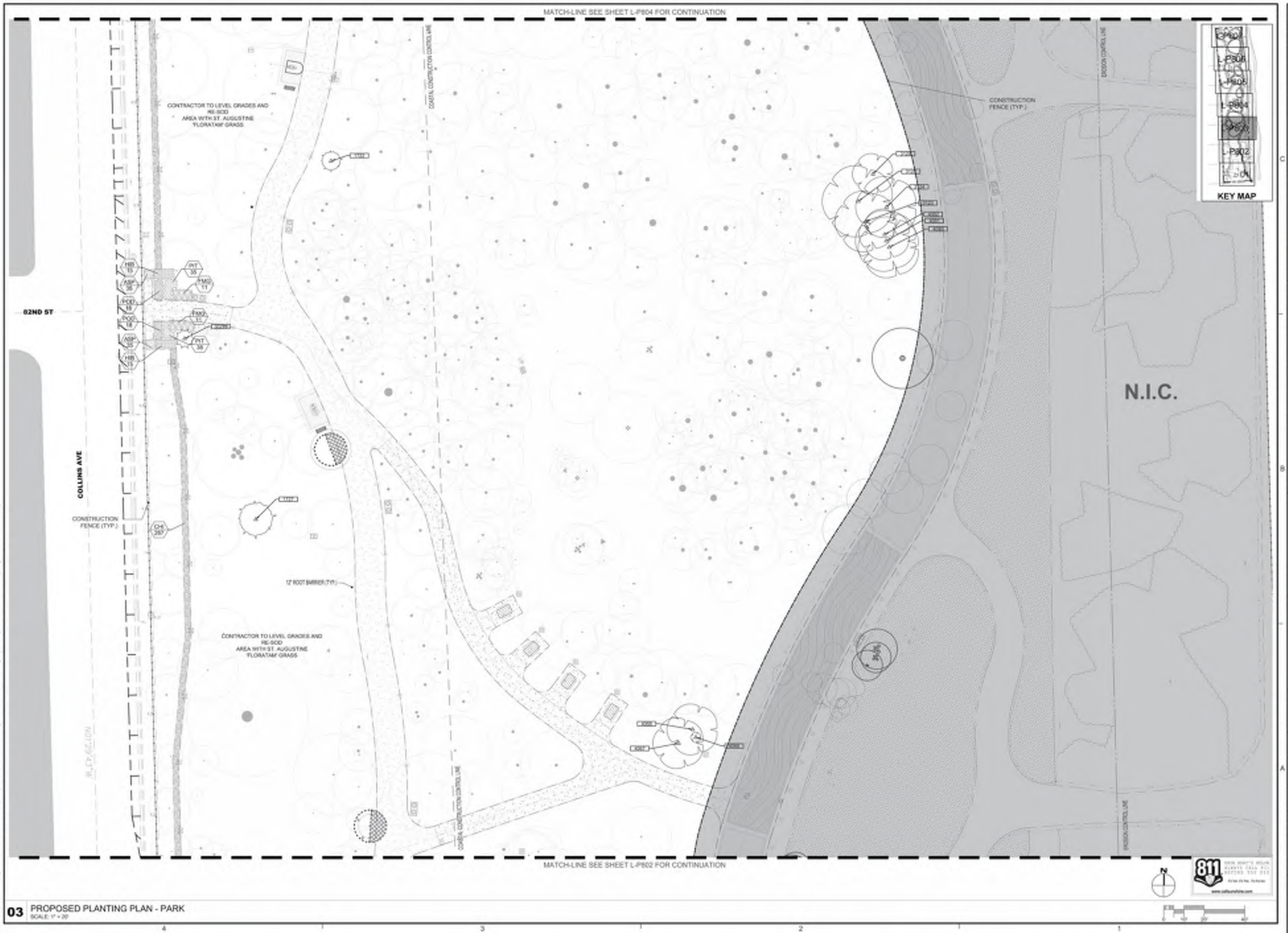
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - PARK

SHEET NUMBER:
L-P802



03 PROPOSED PLANTING PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 10th Court, Suite 300, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SHYE, LLC
1680 SE 3RD DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003960

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 105
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 4444

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TIMMY O. COON-WESSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - PARK

SHEET NUMBER:
L-P803

04 PROPOSED PLANTING PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1st Ave., Suite 550, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.8807
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SKYE, LLC
1900 SLUSER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940
GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 105
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TIMMY O. COOK-WISSON, R.L.A.
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - PARK

SHEET NUMBER:
L-P804

05 PROPOSED PLANTING PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE, Suite 550, Fort Lauderdale, Florida 33315
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CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANA SKYE, LLC
1800 SW 1ST DRIVE
SUITE 550
FORT LAUDERDALE, FL 33315
FWM LICENSE: AA26001943

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 117TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COON-WEBSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - PARK

SHEET NUMBER:
L-P805

06 PROPOSED PLANTING PLAN - PARK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE., Suite 550, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
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1800 SW 1ST DRIVE
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FIRM LICENSE: AA26001843

GEOTECHNICAL CONSULTANT:
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2001 NW 112TH AVENUE
SUITE 106
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TAMMY D. COON-WEGGEL, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

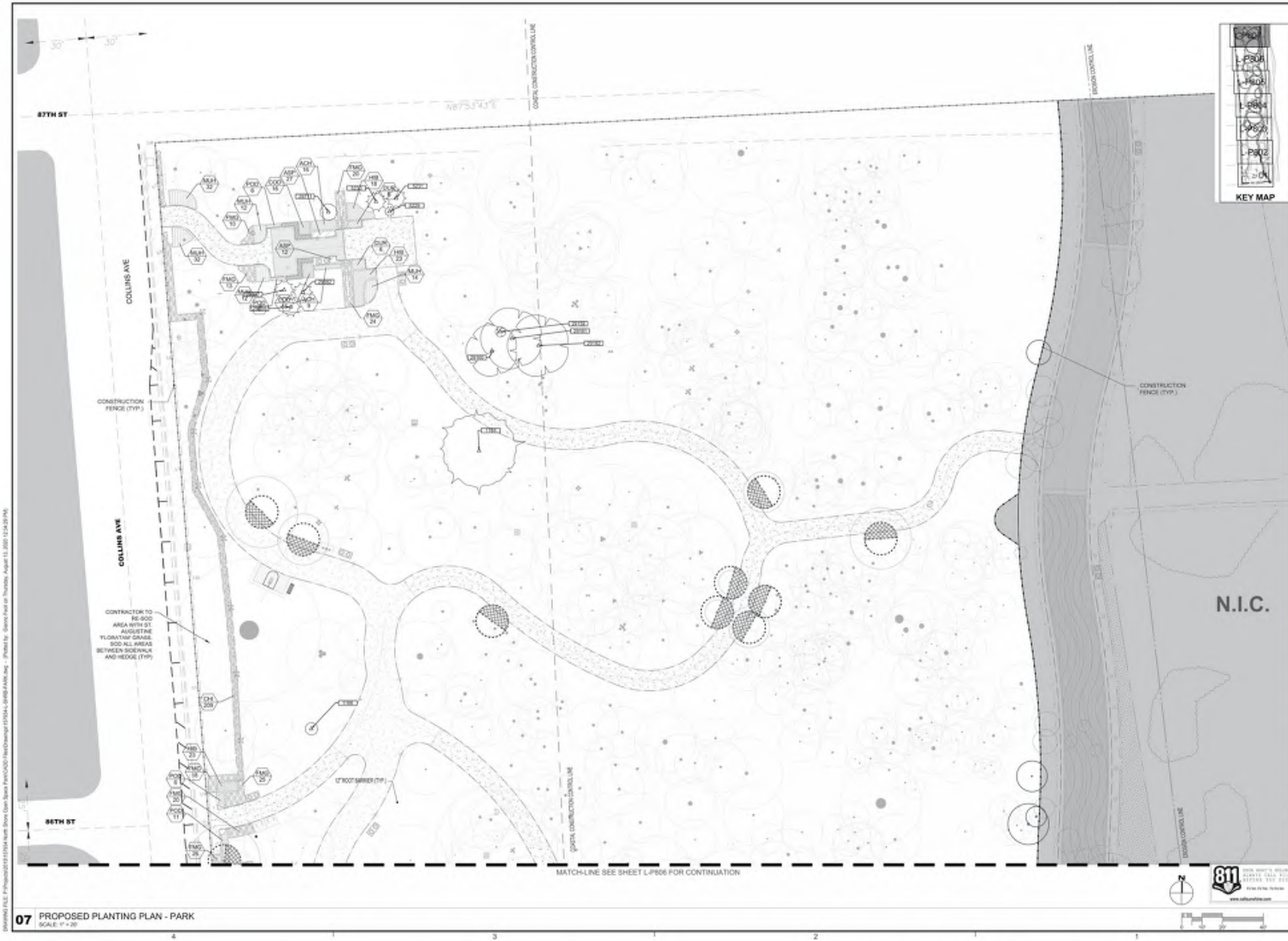
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - PARK

SHEET NUMBER:
L-P806



CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
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EXCEPTIONAL SOLUTIONS
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Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SKYE, LLC
1800 SE 10th DRIVE
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FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001943

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 106
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TIMMY O. COOK-WEGGON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - PARK

SHEET NUMBER:
L-P807

OVERALL PLANTING SCHEDULE FOR ALL DUNE PLANTING AREAS

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
115692			Overall Square Footage (SF) to be Planted	
1973		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
1973		*Ipomea imperati*	Beach Morningolry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
1973		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
1973		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
1973		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
1973		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
47346		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
38145			Overall Square Footage (SF) to be Planted	
781		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
781		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
781		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
11718		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
781		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
781		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
781		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
781		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
781		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
781		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
781		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		

PLANTING SCHEDULE FOR ALL NON-DUNE AREAS

Quantity	Symbol	Botanical	Common	Remarks
CANOPY PLANTING (PALMS AND TREES)				
17	SP	*Sabal palmetto*	Cabbage Palmetto	FG, 10'-12' OA Bud Height, Staggered, Candle-cut
UNDERSTORY PLANTING				
77		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	1 gal., 12" x 12", Full to base
1398		*Ernodea littoralis*	Golden Beach Creeper	1 gal., 12" x 12", Full to base
92		*Helianthus debilis*	Dune Sunflower	1 gal., 12" x 12", Full to base

DUNE PLANTING AREA 01

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
17660			Overall Square Footage (SF) to be Planted	
301		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
301		*Ipomea imperati*	Beach Morningolry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
301		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
301		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
301		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
301		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
7234		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
5828			Overall Square Footage (SF) to be Planted	
119		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
119		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
119		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
1790		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
119		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
119		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
119		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
119		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
119		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
119		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
119		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 02

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
3877			Overall Square Footage (SF) to be Planted	
66		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
66		*Ipomea imperati*	Beach Morningolry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
66		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
66		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
66		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
66		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
1588		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
1279			Overall Square Footage (SF) to be Planted	
26		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
26		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
26		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
393		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
26		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
26		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
26		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
26		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
26		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
26		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
26		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 03

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
961			Overall Square Footage (SF) to be Planted	
16		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
16		*Ipomea imperati*	Beach Morningolry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
16		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
16		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
16		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
16		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
394		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
317			Overall Square Footage (SF) to be Planted	
6		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
6		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
6		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
97		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
6		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
6		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
6		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
6		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
6		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
6		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
6		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 04

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
2082			Overall Square Footage (SF) to be Planted	
36		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
36		*Ipomea imperati*	Beach Morningolry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
36		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
36		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
36		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
36		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
853		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
687			Overall Square Footage (SF) to be Planted	
14		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
14		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
14		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
211		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
14		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
14		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
14		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
14		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
14		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
14		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
14		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 05

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
581			Overall Square Footage (SF) to be Planted	
10		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
10		*Ipomea imperati*	Beach Morningolry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
10		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
10		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
10		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
10		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
238		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
192			Overall Square Footage (SF) to be Planted	
4		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
59		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 06

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
664			Overall Square Footage (SF) to be Planted	
11		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
11		*Ipomea imperati*	Beach Morningolry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
11		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
11		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
11		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
11		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
272		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
219			Overall Square Footage (SF) to be Planted	
4		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
67		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
4		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht.
		**** Refer to General Planting Notes and Succession Planting Detail***		

PROPOSED PLANT LIST AT 79ST CIRCLE - BEACHWALK PHASE ONLY

Abbrev	Qty	Scientific Name	Common Name	Specifications
TREES AND PALMS				
SP	17	Sabal palmetto	Cabbage Palm	Field Grown, 10' Ht.-13' Ht. Florida No. 1, Matched, Candle-cut
SHRUBS (HIGH SALT TOLERANCE)				
CHI	92	Chrysobalanus icaco	Cocoplum	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 18" O.C.
ENL	1398	Ernodea littoralis	Beach Creeper	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 18" O.C.
HEL	77	Helianthus debilis	Dune Beach Sunflower	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 18" O.C.

Notes:
1. General Contractor shall be responsible for verifying all quantities in accordance to the permitted plant list.
2. All shrubs shall be free of fungus, insects and from all disease.
3. All vegetation shall have root balls fully grown into the specified container - recently transplanted material into up-sized containers shall not be accepted.

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC00000338
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
FORT LAUDERDALE, FL

GEOTECHNICAL CONSULTANT:
NUTTING ENGINEERS OF FLORIDA, INC.

NORTH BEACH OCEANSIDE BEACHWALK PROJECT
7929 ATLANTIC WAY, MIAMI BEACH, FL 33140

SEAL:
12/12/2019

REVISIONS:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

SCALE:
AS SHOWN

ISSUE DATE:
11/06/2019

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING SCHEDULES - BEACHWALK

SHEET NUMBER:
L-B501

DUNE PLANTING AREA 07

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
2628			Overall Square Footage (SF) to be Planted	
45		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
45		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
45		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
45		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
45		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
45		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
1076		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
867			Overall Square Footage (SF) to be Planted	
18		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
18		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
18		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
266		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
18		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
18		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
18		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
18		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
18		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
18		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
18		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 08

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
9116			Overall Square Footage (SF) to be Planted	
156		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
156		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
156		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
156		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
156		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
156		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3734		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
3008			Overall Square Footage (SF) to be Planted	
62		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
62		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
62		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
924		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
62		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
62		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
62		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
62		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
62		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
62		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
62		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 09

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
11892			Overall Square Footage (SF) to be Planted	
203		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
203		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
203		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
203		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
203		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
203		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
4871		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
3924			Overall Square Footage (SF) to be Planted	
80		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
80		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
80		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
1206		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
80		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
80		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
80		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
80		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
80		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
80		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
80		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 10

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
9088			Overall Square Footage (SF) to be Planted	
155		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
155		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
155		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
155		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
155		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
155		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3722		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
2999			Overall Square Footage (SF) to be Planted	
61		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
61		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
61		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
921		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
61		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
61		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
61		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
61		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
61		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
61		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
61		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 11

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
123			Overall Square Footage (SF) to be Planted	
2		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
50		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
41			Overall Square Footage (SF) to be Planted	
1		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
1		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
1		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
12		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
1		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
1		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
1		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
1		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
1		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
1		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
1		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 12

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
2157			Overall Square Footage (SF) to be Planted	
37		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
37		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
37		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
37		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
37		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
37		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
888		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
715			Overall Square Footage (SF) to be Planted	
15		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
220		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 13

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
324			Overall Square Footage (SF) to be Planted	
6		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
133		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
107			Overall Square Footage (SF) to be Planted	
2		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
33		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 14

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
6317			Overall Square Footage (SF) to be Planted	
142		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
142		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
142		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
142		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
142		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
142		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3407		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
2748			Overall Square Footage (SF) to be Planted	
56		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
56		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
56		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
843		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
56		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
56		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
56		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
56		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
56		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
56		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
56		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		

DUNE PLANTING AREA 15

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
2141			Overall Square Footage (SF) to be Planted	
37		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
37		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
37		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
37		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
37		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
37		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
877		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
707			Overall Square Footage (SF) to be Planted	
14		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
14		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
14		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
217		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
14		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
14		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
14		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
14		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
14		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
14		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
14		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		**** Refer to General Planting Notes and Succession Planting Detail***		

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

NORTH BEACH OCEANSIDE BEACHWALK PROJECT

SEAL:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

SCALE:
AS SHOWN

ISSUE DATE:
11/06/2019

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING SCHEDULES - BEACHWALK

SHEET NUMBER:
L-B502

DUNE PLANTING AREA 16

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
13589			Overall Square Footage (SF) to be Planted	
232		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
232		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
232		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
232		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
232		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
232		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
5566		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
4484			Overall Square Footage (SF) to be Planted	
92		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
92		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
92		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
1378		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
92		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
92		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
92		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
92		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
92		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
92		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
92		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		

DUNE PLANTING AREA 17

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
1459			Overall Square Footage (SF) to be Planted	
25		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
25		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
25		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
25		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
25		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
25		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
598		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
481			Overall Square Footage (SF) to be Planted	
10		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
10		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
10		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
148		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
10		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
10		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
10		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
10		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
10		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
10		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
10		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		

DUNE PLANTING AREA 18

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
20677			Overall Square Footage (SF) to be Planted	
351		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
351		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
351		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
351		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
351		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
351		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
8428		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
6790			Overall Square Footage (SF) to be Planted	
139		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
139		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
139		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2086		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
139		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
139		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
139		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
139		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
139		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
139		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
139		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		

DUNE PLANTING AREA 19

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
892			Overall Square Footage (SF) to be Planted	
15		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
15		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
365		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
294			Overall Square Footage (SF) to be Planted	
6		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
90		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		

DUNE PLANTING AREA 20

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
414			Overall Square Footage (SF) to be Planted	
7		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
7		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
7		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
7		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
7		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
7		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
170		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
137			Overall Square Footage (SF) to be Planted	
3		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
42		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		

DUNE PLANTING AREA 21

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
6252			Overall Square Footage (SF) to be Planted	
107		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
107		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
107		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
107		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
107		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
107		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2561		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
2063			Overall Square Footage (SF) to be Planted	
42		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
42		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
42		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
634		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
42		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
42		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
42		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
42		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
42		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
42		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
42		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		

DUNE PLANTING AREA 22

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
350			Overall Square Footage (SF) to be Planted	
6		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
6		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
143		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
116			Overall Square Footage (SF) to be Planted	
2		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
35		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
2		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		

DUNE PLANTING AREA 23

Quantity	Symbol	Botanical	Common	Remarks
DUNE PLANTING PHASE 1 - COASTAL HAMMOCK PIONEER ZONE SPECIES *				
438			Overall Square Footage (SF) to be Planted	
7		*Canavalia maritima*	Beach Bean	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
7		*Ipomea imperati*	Beach Morningglory	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
7		*Ipomea pres caprea*	Railroad Vine	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
7		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
7		*Paspalum vaginatum*	Shore Paspalum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
7		*Sporobolus virginicus*	Virginia Dropseed Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
179		*Uniola paniculata*	Sea Oats	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		
DUNE PLANTING PHASE 2 - COASTAL STRAND ZONE SPECIES *				
145			Overall Square Footage (SF) to be Planted	
3		*Argusia gnaphalodes*	Sea Lavendar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Borrichia arborescens*	Sea Oxeye Daisy	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Chrysobalanus icaco 'Horizontalis'*	Horizontal Cocoplum	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
44		*Ernodea littoralis*	Golden Beach Creeper	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Gaillardia pulchella*	Beach Blanket Flower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Helianthus debilis*	Dune Sunflower	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Iva imbricata*	Seaside Elder	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Panicum amarum*	Dune Panic Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Randia aculeata*	White Indigo Berry	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Spartina patens*	Salt Meadow Cord Grass	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
3		*Suriana maritima*	Bay Cedar	72 Cell Liner Size @ 18" O.C., 6-12" Varied Ht
		Refer to General Planting Notes and Succession Planting Detail		

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC00000 [illegible]
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
333 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:

GEOTECHNICAL CONSULTANT:

NORTH BEACH OCEANSIDE BEACHWALK PROJECT

SEAL:
12/12/2019

REVISIONS:

PURPOSE:
100% PERMIT PLANS
FOR BIDDING PURPOSES

SCALE:
AS SHOWN

ISSUE DATE:
11/06/2019

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING SCHEDULES - BEACHWALK

SHEET NUMBER:
L-B503

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE., Suite 550, Fort Lauderdale, Florida 33315
Phone: 954.987.7550 • Fax: 954.987.4797
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
STNALOVSKI ROMAN SAFE, LLC
1800 SW 1ST AVE
SUITE 550
FORT LAUDERDALE, FL 33315
FIRM LICENSE: AA26001840

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TAMMY D. COON-WEGSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - BEACHWALK

SHEET NUMBER:
L-B801

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 10th Court, Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
STNALOVSKI ROMANK SATE, LLC
1900 SLUSER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001945

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TAMMY D. COON-WEEDON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - BEACHWALK

SHEET NUMBER:
L-B802

03 PROPOSED PLANTING PLAN - BEACHWALK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SE 10th Court, Suite 300, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000039
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1999 BLUER DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001945
GEOTECHNICAL CONSULTANT:
KUTTING ENGINEERS OF FLORIDA, INC.
2501 NW 112TH AVENUE
SUITE 106
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: 4444

NORTH BEACH OCEANSIDE PARK PROJECT

7809 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COON-WEESDON, RLA #
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - BEACHWALK

SHEET NUMBER:
L-B803

04 PROPOSED PLANTING PLAN - BEACHWALK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE, Suite 550, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
STNALOYSKI ROMANK SATE, LLC
1900 SLUDER DRIVE
SUITE 550
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940

GEOTECHNICAL CONSULTANT:
KITTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TAMMY D. COOK-WEBSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

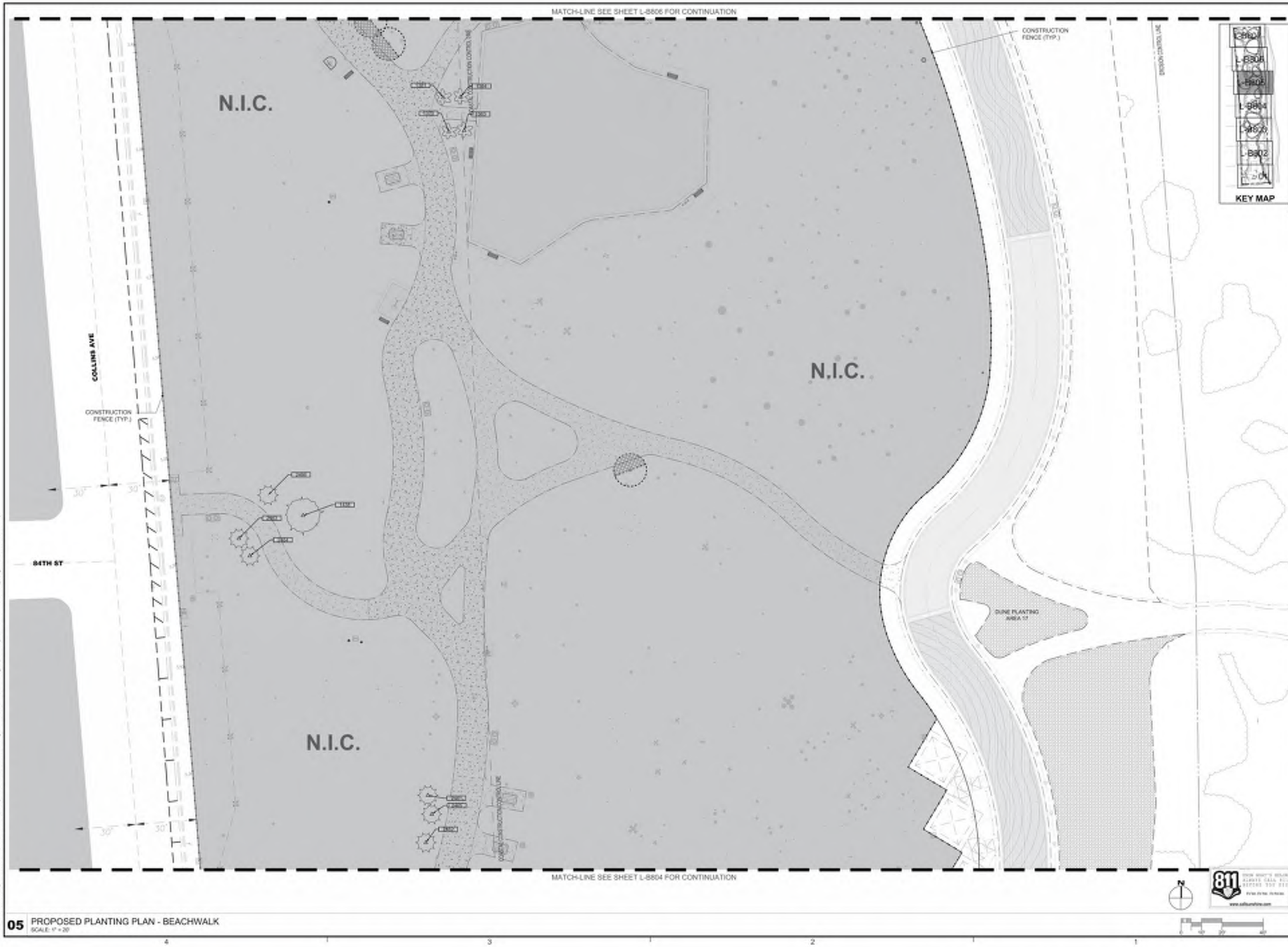
SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - BEACHWALK

SHEET NUMBER:
L-B804



05 PROPOSED PLANTING PLAN - BEACHWALK
SCALE: 1" = 20'

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.987.7550 • Fax: 954.987.9847
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
STNALOVSKI ROMANK SAYE, LLC
1900 ELLER DRIVE
SUITE 600
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001945

GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 100
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COON-WISSON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - BEACHWALK

SHEET NUMBER:
L-B805

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 SW 1ST AVE., Suite 550, Fort Lauderdale, Florida 33315
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
STNALOVSKI ROMANK SAYE, LLC
1900 ISLER DRIVE
SUITE 550
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
KUTTNE ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7509 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:

8/14/2020
TAMMY D. COON-WEEDON, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PROPOSED PLANTING PLAN - BEACHWALK

SHEET NUMBER:
L-B806

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
Calvin, Giordano & Associates, Inc.
E X C E P T I O N A L S O L U T I O N S

CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC0000038
ENGINEERING: 514
SURVEYING: 6791

SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
STNALOVSKI ROMANK SAYE, LLC
1600 ISLER DRIVE
SUITE 100
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA26001940

GEOTECHNICAL CONSULTANT:
KITTING ENGINEERS OF FLORIDA, INC.
200 NW 112TH AVENUE
SUITE 106
MIAMI, FL 33175
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7500 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY D. COON-WEGGEL, R.L.A.
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

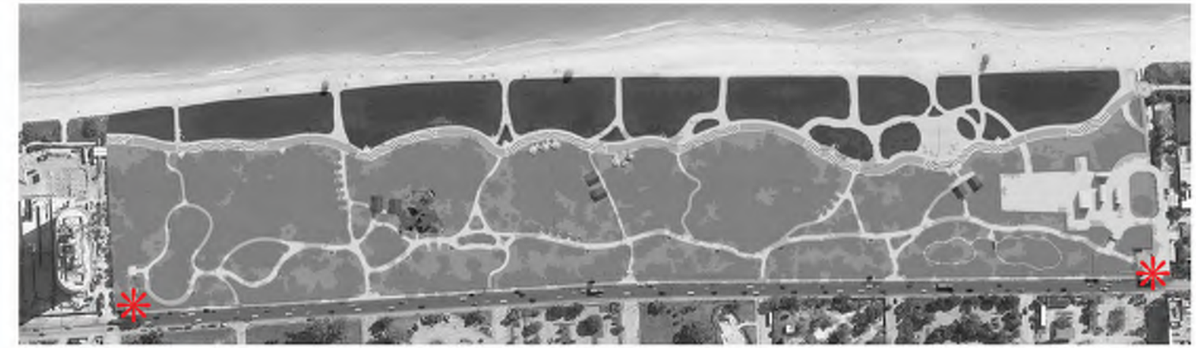
ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

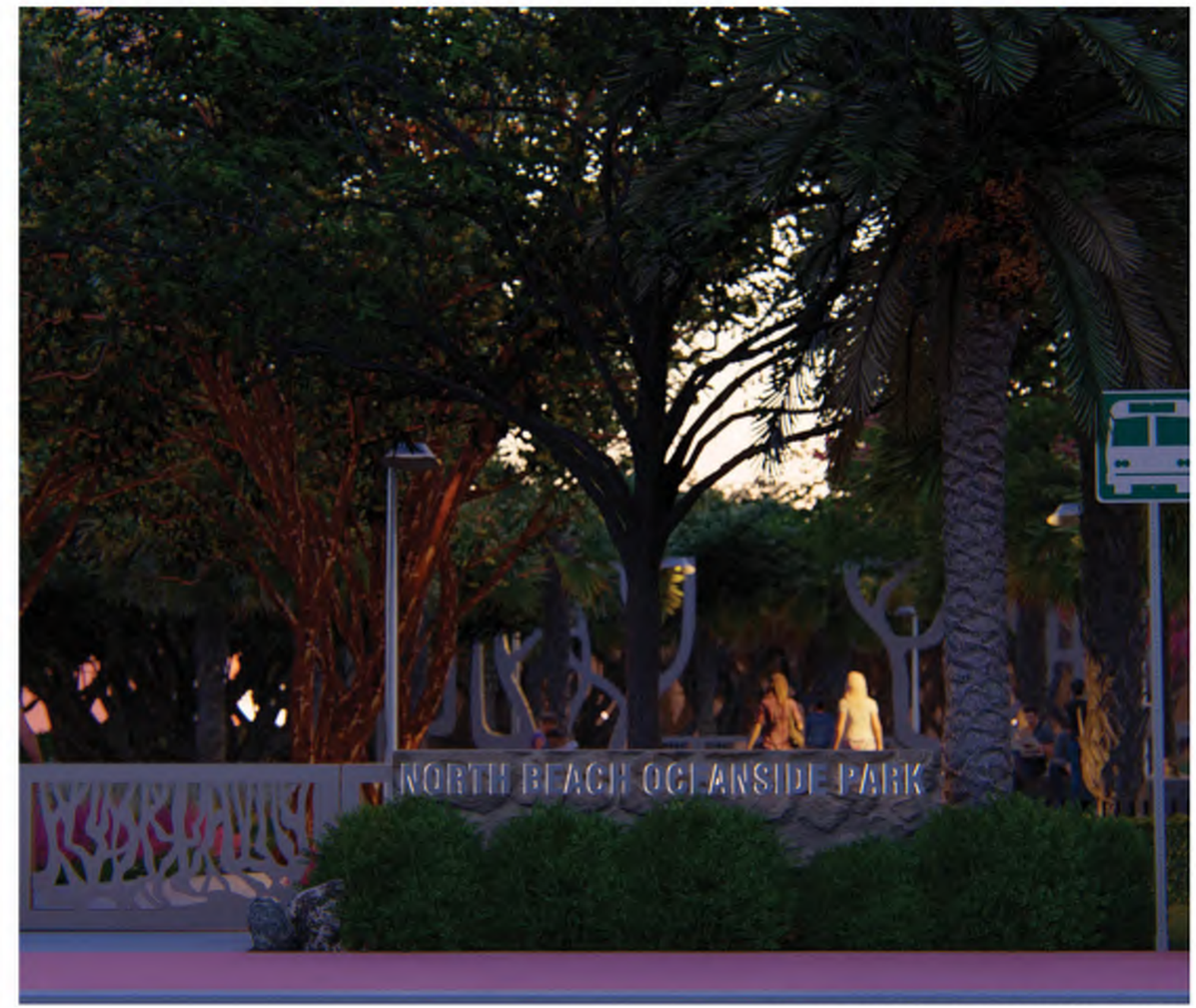
SHEET TITLE:
PROPOSED PLANTING PLAN - BEACHWALK

SHEET NUMBER:
L-B807

Proposed Signage | 79th Street Plaza

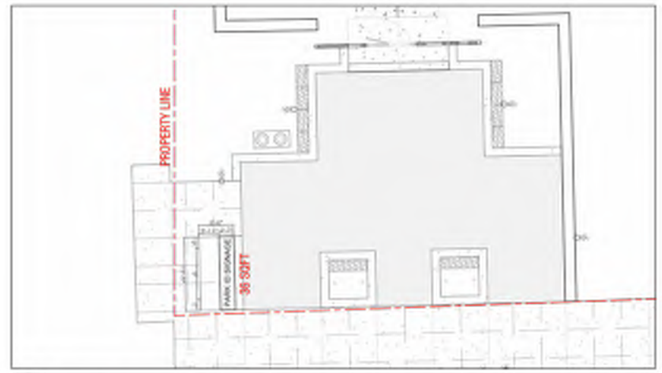


Key Map

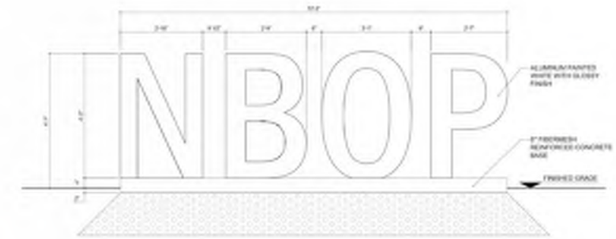


Proposed Signage | 87th Street Plaza

Fostering the Preservation of the Densest Canopy In the City



3 79TH ST PARK SIGNAGE PLAN - DESIGN INTENT ONLY NTS



1 79TH ST PARK SIGNAGE ELEVATION - DESIGN INTENT ONLY NTS

2 87TH ST PARK SIGNAGE ELEVATION - DESIGN INTENT ONLY NTS

2 LARGE GATEWAY BEACH GEOMETRY - DESIGN INTENT ONLY NTS

NOTE:
THESE DRAWINGS ARE PROVIDED AS DESIGN INTENT. CONTRACTOR SHALL PROVIDE LANDSCAPE ARCHITECT WITH SHOP DRAWINGS, SPECIFICATIONS AND SIGNED AND SEALED ENGINEERING DRAWINGS FOR ALL CUSTOM ALUMINUM GATE ELEMENTS AND ALL REQUIRED FOUNDATIONS PRIOR TO PURCHASE AND INSTALLATION (TYP.).
NOTE:
LANDSCAPE ARCHITECT TO PROVIDE GC WITH A DIGITAL CAD FILE WITH ALUMINUM GATE GEOMETRY

CLIENT:
MIAMIBEACH
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH, FL 33139

PRIME CONSULTANT:
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EXCEPTIONAL SOLUTIONS
1800 SE 10th Ave, Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.6757
CERTIFICATES OF AUTHORIZATION:
LANDSCAPE ARCHITECTURE: LC26000338
ENGINEERING: 514
SURVEYING: 6791
SERVICES PROVIDED:
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
COASTAL ENGINEERING
ELECTRICAL ENGINEERING
SURVEYING & MAPPING
COST ESTIMATING

CONCEPTUAL DESIGNER:
WEST 8
300 HUDSON STREET
SUITE 905
NEW YORK CITY, NY 10013

ARCHITECTURAL CONSULTANT:
SYNALOVSKI ROMANIK SAYE, LLC
1900 CLUB DRIVE
SUITE 300
FORT LAUDERDALE, FL 33316
FIRM LICENSE: AA0003940
GEOTECHNICAL CONSULTANT:
KETTING ENGINEERS OF FLORIDA, INC.
2001 NW 112TH AVENUE
SUITE 108
MIAMI, FL 33172
CERTIFICATE OF AUTHORIZATION: XXXX

NORTH BEACH OCEANSIDE PARK PROJECT

7929 ATLANTIC WAY, MIAMI BEACH, FL 33141

SEAL:
8/14/2020
TAMMY C. CORKUM-WESTOVER, RLA
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No 1326

REVISIONS:

PURPOSE:
REVISED PERMIT PLANS
REVISED PERMIT PLANS

SCALE:
AS SHOWN

ISSUE DATE:
8/14/2020

CGA PROJECT NUMBER:
15-7934

SHEET TITLE:
PARK SIGNAGE DETAILS

SHEET NUMBER:
SD-421

DRAWING FILE: P:\Projects\2015\15934-North Shore Open Space Park\CADD Files\Drawings\15934-SD-GATEWAY-BEACH.dwg - Plotted by: Dominic Mack on Wednesday, September 2, 2020 2:55:01 PM

Creating a Highly-Visible, Iconic Experience Along Collins Avenue

Incorporating the City's Brand and Identity

Creating Safe Spaces for the Community