# **ALLISON PARK—SHADE STRUCTURE ADDITION**







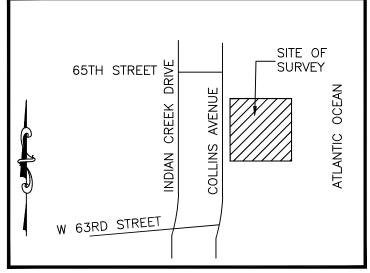
HISTORIC PRESERVATION BOARD
FINAL SUBMITTAL
OCTOBER 11, 2021



#### LEGAL DESCRIPTION:

LOTS 30 THROUGH 34 AND THE SOUTH 25 FEET OF LOT 35, BLOCK 1, AMENDED PLAT OF SECOND OCEAN FRONT SUBDIMISION, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 28, PAGE 28, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA AND THAT PORTION LYTING ADJACENT TO AND WEST OF THE EROSION CONTROL AS SHOWN IN PLAT BOOK 105, PAGE 62, OF THE PUBLIC RECORDS OF

SAID LANDS LYING IN THE CITY OF MIAMI BEACH, MIAMI-DADE COUNTY, FLORIDA. CONTAINING 132,447 SQUARE FEET (3.04 ACRES) MORE OR LESS.



### LOCATION SKETCH

(NOT TO SCALE)

### LEGEND: BACKFLOW PREVENTOR CURB AND GUTTER CI CURB INLET COMM COMMUNICATIONS ELEVATIO ELEC ELECTRIC ELOTL ELECTRIC OUTLET FLORIDA POWER & LIGHT GPS GLORAL POSITIONING SYSTEM IRON PIPE M.D.C.R. METAL FENCE NORTH AMERICAN VERTICAL DATUM OF 1988 P.B. PG. PAGE P.S.M. PROFESSIONAL SURVEYOR AND MAPPER RTK REAL TIME KINETICS W/ WITH

XSTA FXFRCISE STATION

SYMBOLS:		LINE 7	TYPE	
<b>∞</b>	BACK FLOW PREVENTER	THINE		
(B)	BOLLARD	<u> </u>	— METAL — DRAINAGE	
® ∳ ф ■	BOLLARD (LIGHT)	— Е-	— ELECTR	
-©-	CONCRETE LIGHT POLE			OF WAY LINE
	CATCH BASIN		— OVERHE — Sanitaf	
<u>@</u>	CENTER LINE	_	- WATER	
<b>69</b>	CLEANOUT		— LOT LIN	IE
<b>(D)</b>	DRAINAGE MANHOLE		— CENTER	
B	ELECTRIC BOX		— сомми	NICATIONS LINE
<b>ු</b>	FIRE HYDRANT			
FO	FIBER OPTIC BOX			
<b>⊕</b> ₹. 3	FLORIDA POWER & LIGHT MANHOLE	HATCH	HING:	
- <b>¢</b> -	FLOOD LIGHT	3000	3376776	GREENSPACE
Ġ	DISABLED PARKING	7//	7///	SETBACK AREA
83	HEDGE	///	7///	PROPOSED CA
Ø ∳ %	IRRIGATION CONTROL BOX			UCEANFRUNI
<b>₩</b>	METAL LIGHT POLE (ROUND)			
₩	PALM TREE			
<b>₽</b>	PARKING KIOSK			
SLB	STREET LIGHT BOX			
S	SANITARY MANHOLE			
	SIGN POST			
$\odot$	TREE			
TSE	TRAFFIC SIGNAL BOX			

WATER METER

WOOD POST

WATER VALVE

r**XX**1

	METAL FENCE
	DRAINAGE LINE
— E—	ELECTRIC LINE
	RIGHT OF WAY LINE
	OVERHEAD WIRE
— s —	SANITARY LINE
— w —	WATER LINE
<u> </u>	LOT LINE
	CENTER LINE

GREENSPACE SETBACK AREA PROPOSED CANOPY

OCEANFRONT OVERLAY AREA

#### SURVEYOR'S REPORT AND NOTES:

- 1. PHYSICAL PAPER VERSIONS OF THIS SURVEY MAP OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER. ELECTRONIC VERSIONS OF THIS SURVEY MAP HAVE BEEN OFFICIALLY SIGNED AND SEALED BY BENJAMIN B. HOYLE ON THE DATE ADJACENT TO THE SEAL, PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
- 2. THE PURPOSE OF THIS BOUNDARY AND TOPOGRAPHIC SURVEY IS TO DEPICT IMPROVEMENTS AND ELEVATIONS ON SUBJECT PROPERTY AS DESCRIBED HEREON TO BE USED FOR APPLYING FOR PERMITS TO CONSTRUCT SHADE CANOPIES.
- ADDITIONS AND/OR DELETIONS TO THIS SURVEY MAP, BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
- 4. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR RIGHTS-OF-WAY, EASEMENTS, RESTRICTIONS, COVENANTS, OWNERSHIP, OR OTHER
- 5. THE "LAND DESCRIPTION" SHOWN HEREON WAS PREPARED BY THE SURVEYOR.
- UNDERGROUND FOUNDATIONS WERE NOT LOCATED OR SHOWN HEREON.
- UNDERGROUND ENCROACHMENTS WERE NOT LOCATED OR SHOWN HEREON.
- 8. THERE IS NO EVIDENCE THAT UNDERGROUND ENCROACHMENTS EXIST: HOWEVER, NO SUBSURFACE INVESTIGATION WAS PERFORMED TO DETERMINE IF UNDERGROUND ENCROACHMENTS ARE PRESENT.
- IMPROVEMENTS THAT WERE OBSCURED AT THE TIME OF SURVEY WERE NOT LOCATED OR SHOWN HEREON.
- 10. THIS SURVEY DOES NOT IDENTIFY THE LIMITS OR EXTENT OF POTENTIAL JURISDICTIONAL BOUNDARIES.
- 11. DUE TO THE COMPLEXITY OF THE ZONING REGULATIONS ON THESE PROPERTIES. THE CODES, SET-BACKS, LAND USES, AND RESTRICTIONS ARE SUBJECT TO CHANGE AND INTERPRETATION AND SHOULD BE VERIFIED WITH THE APPROPRIATE GOVERNMENTAL
- 12. DISTANCES AND ELEVATIONS SHOWN HEREON ARE IN U.S. SURVEY FEET AND DECIMAL PORTIONS THEREOF, UNLESS SHOWN OTHERWISE.
- 13. BEARINGS SHOWN HEREON ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, TRANSVERSE MERCATOR PROJECTION, NORTH AMERICAN DATUM OF 1983 WITH A 2011 ADJUSTMENT (NAD 83/2011), AND ESTABLISHED BY GLOBAL POSITIONING SYSTEM (GPS) - REAL TIME KINEMATIC (RTK) METHODS, USING THE TRIMBLE VIRTUAL REFERENCE STATION (VRS), HAVING A REFERENCE BEARING OF S01"38'00"E. ALONG THE EAST RIGHT OF WAY LINE OF COLLINS AVENUE.
- 14. THE EXPECTED HORIZONTAL ACCURACY OF THE FEATURES SHOWN HEREON IS ±0.2' FOR THE LIMITS OF HARD SURFACES, SUCH AS ASPHALT, CONCRETE, CURBING, BUILDINGS, ETC. AND IS ±0.3' FOR GROUND SURFACE FEATURES, SUCH AS SURFACE FEATURES OF UTILITIES, ETC. AND IS ±0.4' FOR FEATURES PROTRUDING OUT OF THE GROUND, SUCH AS UTILITY POLES, FENCES, TREES, ETC.
- 15. OVERHEAD WIRES SHOWN HEREON ARE FOR DIRECTIONAL AND CONNECTIVITY PURPOSES ONLY AND DO NOT DEPICT THE ACTUAL LOCATION.
- 16. UNDERGROUND UTILITY LINES SHOWN HEREON WERE DESIGNATED ON THE GROUND BY FR ALEMAN OF MIAMI AND ARE APPROXIMATE IN LOCATION. UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED PRIOR TO ANY CONSTRUCTION ACTIVITIES.
- 17. THE SYMBOLS SHOWN IN THE LEGEND AND ON THIS MAP MAY HAVE BEEN ENLARGED OR REDUCED FOR CLARITY, AND MAY NOT DEPICT THE ACTUAL SIZE OR SHAPE OF THE FEATURES. THE EXPECTED HORIZONTAL ACCURACY OF THE SYMBOLS SHOWN ON THIS MAP IS  $\pm 0.3$ ' FROM THE CENTER OF THE SYMBOL, UNLESS OTHERWISE NOTED.
- 18. ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND ARE BASED ON BENCHMARKS SUPPLIED BY THE CITY OF MIAMI BEACH AND ARE RELATIVE TO CMB 63-01, ELEVATION 4.74'.
- 19. THE EXPECTED VERTICAL ACCURACY OF THE FEATURES SHOWN HEREON IS ±0.03' FOR HARD SURFACES. SUCH AS ASPHALT. CONCRETE, ETC. AND ±0.3' FOR SOFT SURFACES, SUCH AS GRASS, DIRT. MUD. ETC.
- 20. THERE ARE 72 REGULAR PARKING SPACES AND 4 DISABLED PARKING SPACES ON THIS SITE.
- 21. TO CONVERT FROM NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29), ADD 1.55 FEET CONVERSION FACTOR DETERMINED BY UTILIZING THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION'S (NOAA) ONLINE VERTICAL DATUM TRANSFORMATION, VERSION 4.2, ON JUNE 14, 2021

### CERTIFICATE:

I HEREBY CERTIFY THAT THE ATTACHED BOUNDARY AND TOPOGRAPHIC SURVEY OF THE HEREON DESCRIBED PROPERTY IS DEPICTED TO THE BEST OF MY KNOWLEDGE, BELIEF, AND INFORMATION AS PREPARED UNDER MY DIRECTION ON AUGUST 12, 2019. I FURTHER CERTIFY THAT THIS BOUNDARY AND TOPOGRAPHIC SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 51-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES, SUBJECT TO THE QUALIFICATIONS NOTED HEREON.

KCI TECHNOLOGIES

ENGINEERS, SURVEYORS AND PLANNERS

Benjamin B Hoyle 2021.10.09 '00'04-12:33:36



SCIENTIST CONSTRUCTION MANAGE PLANNERS DATE REVISIONS

6/14/21 ADD PROPOSED CANOPIES & CALCULAT GREENSPACE 6/28/21 ADD HATCHING, LABELS 10/4/21 ADD OCEANFRONT & GREENSPACE DETAILS 8/12/2019 SCALE AS SHOWN FIELD BOOK 1538 DRAWN BY \_\_\_DAS/SKN CHECKED BY RRH

3/11/21 UPDATE SURVEY

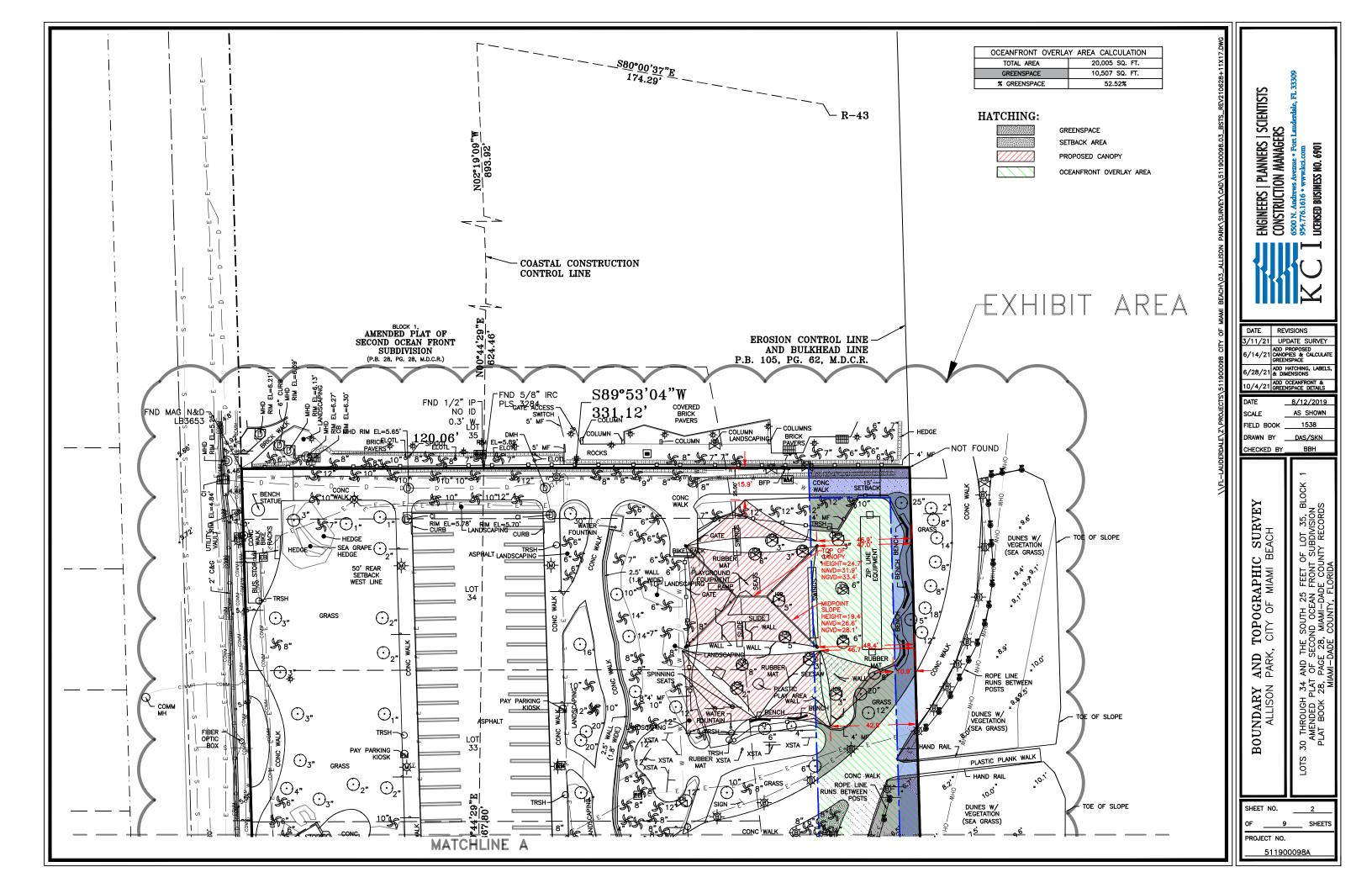
IC SURVEY BEACH TOPOGRAPHIC

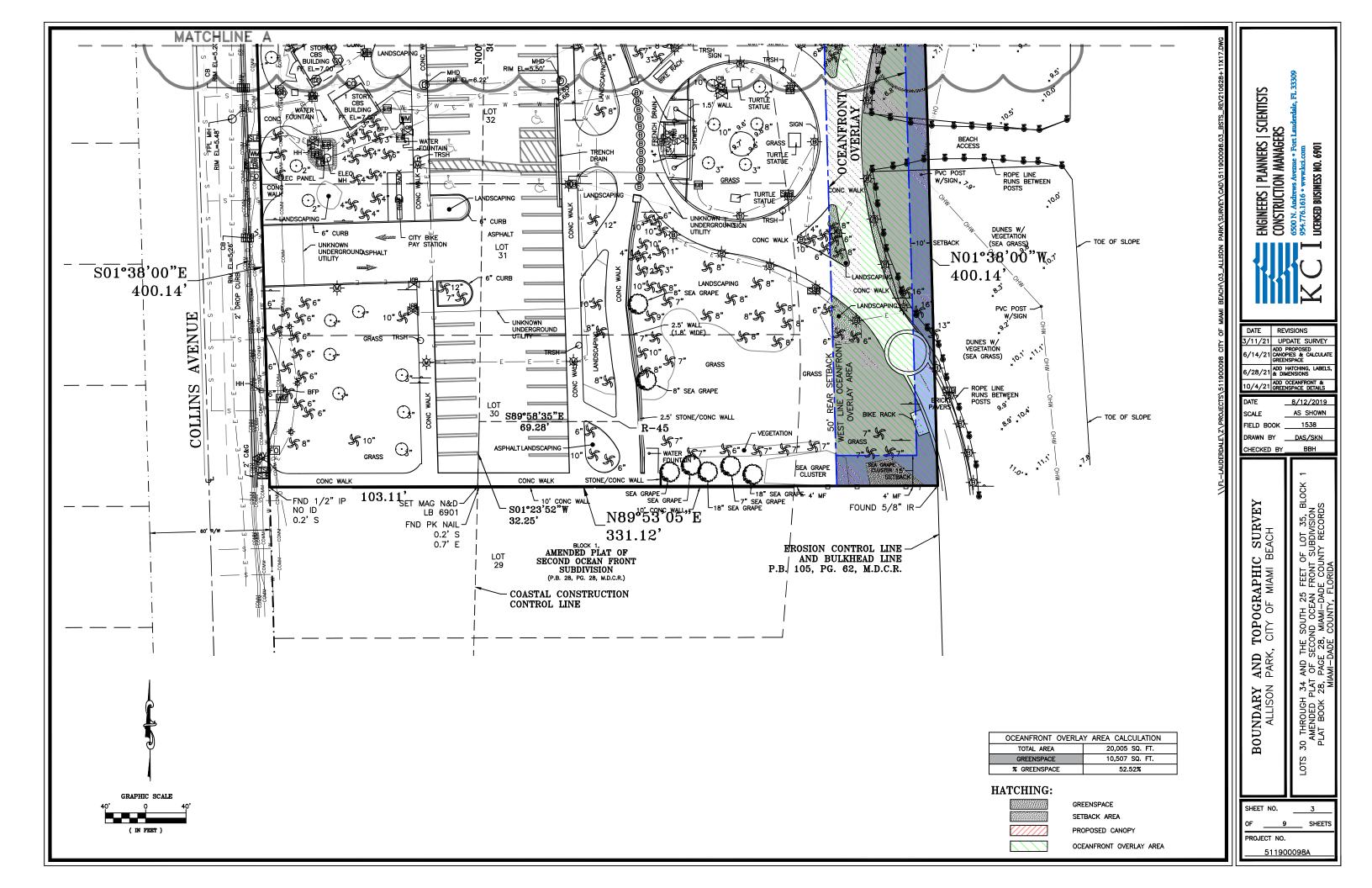
BOUNDARY ALLISON

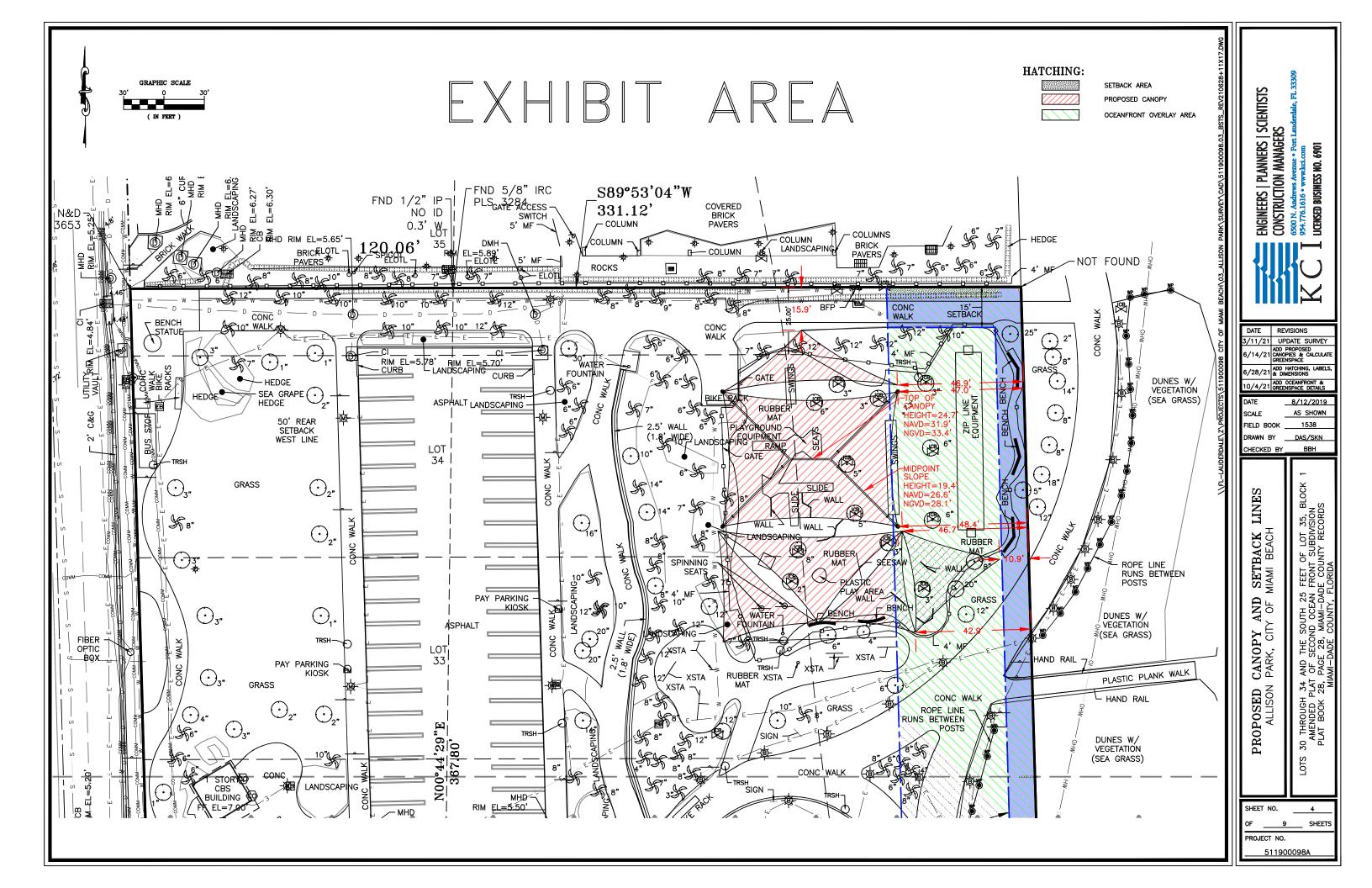
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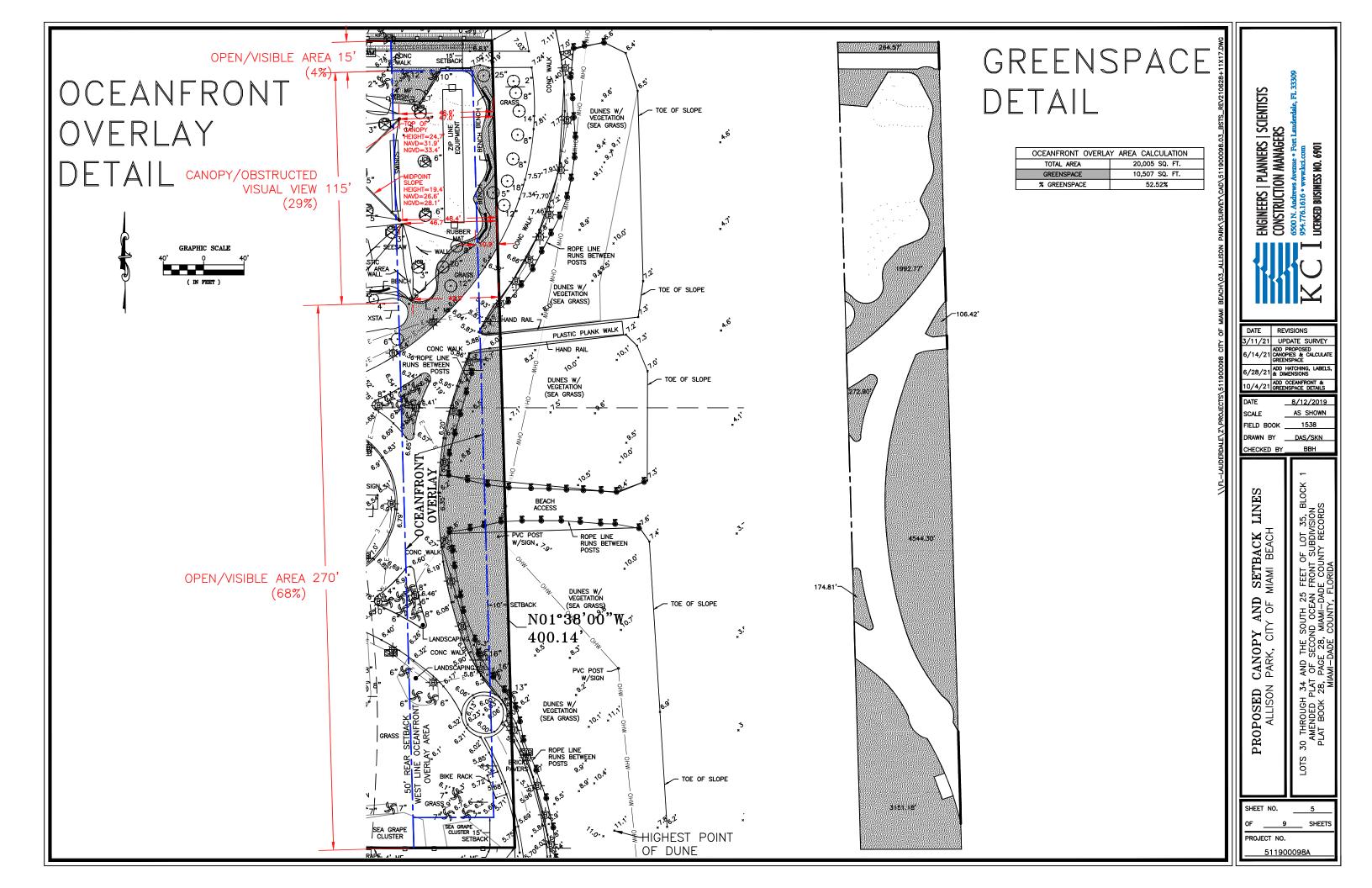
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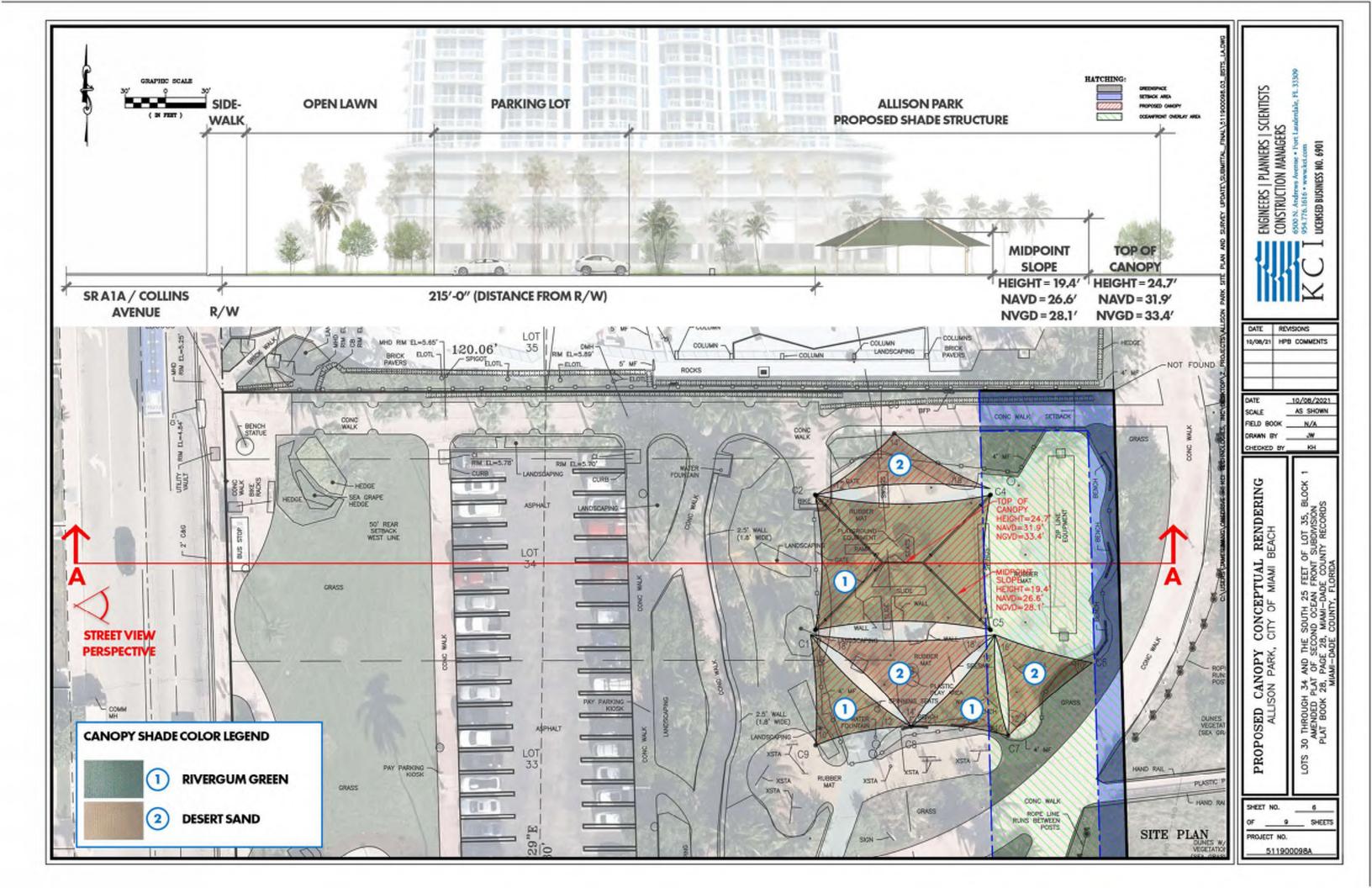
BY: BENJAMIN B. HOYLE, P.S.M. FLORIDA REGISTRATION NO. 6769

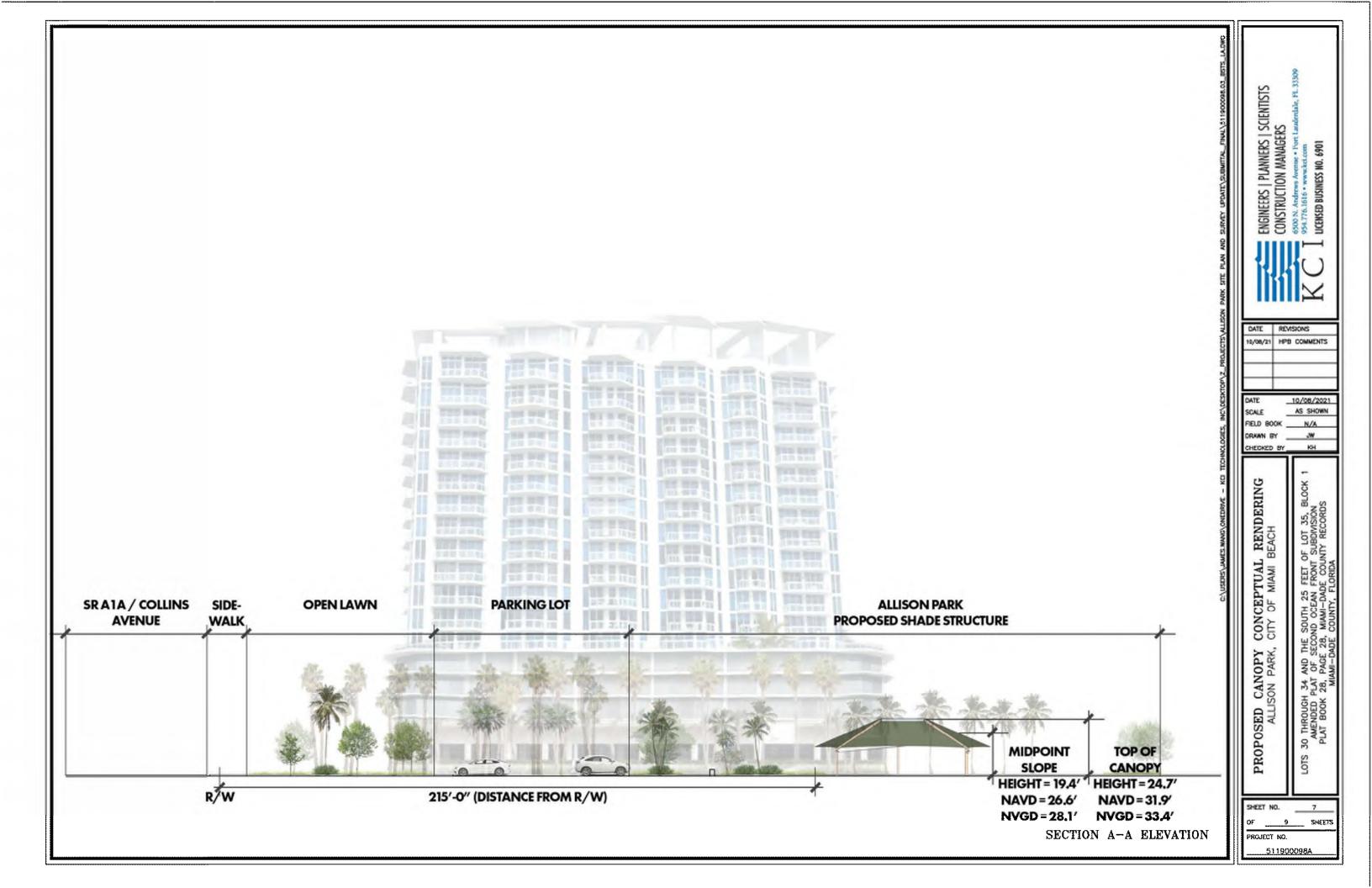














PROJECT NO. 511900098A

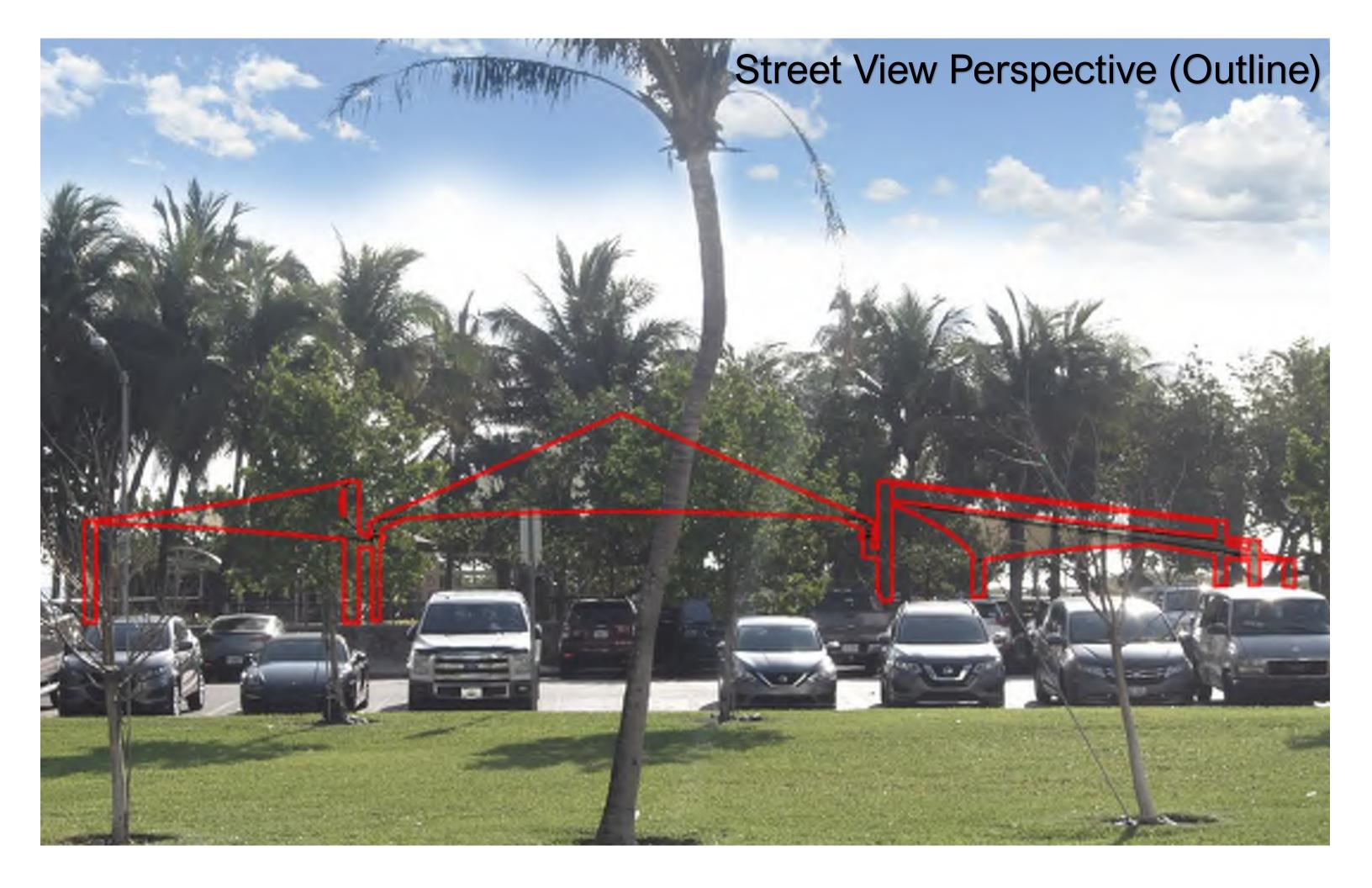
PROPOSED CANOPY ALLISON PARK,

10/08/21 HPB COMMENTS



PROJECT NO. 511900098A

PROPOSED CANOPY ALLISON PARK,





## **AERIAL MAP: EXISTING CONDITIONS PERSPECTIVES**



A. Playground Existing Conditions—Viewing Northwest (8/26/2021)



C. Playground Existing Conditions—Viewing Northeast (8/26/2021)



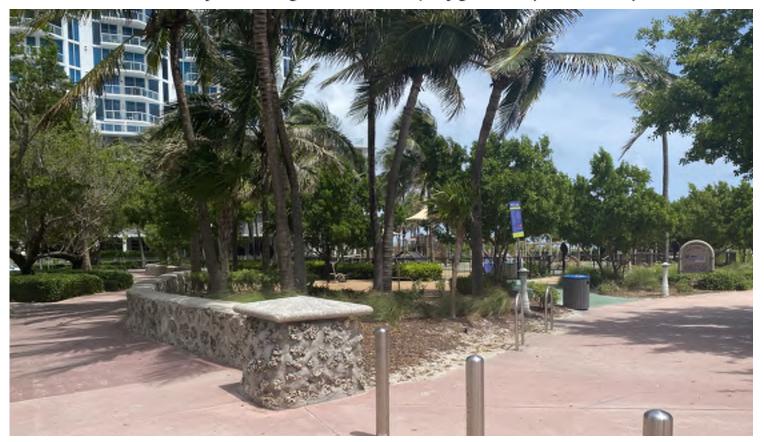
B. Playground Existing Conditions—Viewing Southwest (8/26/2021)



D. Playground Existing Conditions—Viewing Southeast (8/26/2021)



E. Park Main Pathway—Facing NE towards playground (8/26/2021)



G. Park Central Pathway —Viewing North (8/26/2021)



F. Playground Entry Pathway—Facing NW towards playground (8/26/2021)



H. Park Central Pathway—Viewing South (8/26/2021)



I. Park Main Pathway—Facing NW towards playground (8/26/2021)



K. Parking Lot — Facing East towards playground (8/26/2021)



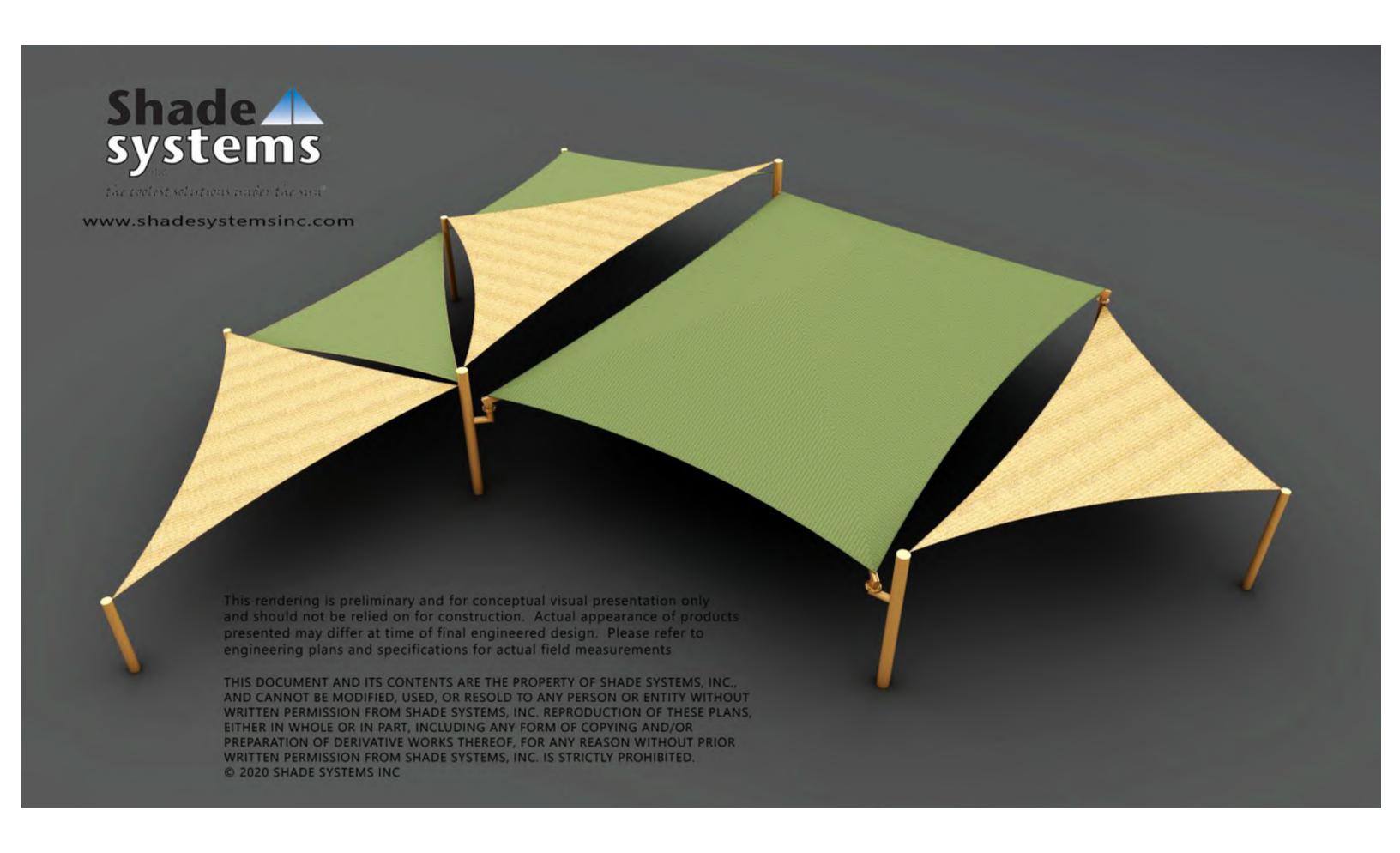
J. Sand Dune Crossing—Facing West towards playground (8/26/2021)



L. North Pathway—Facing East towards playground (8/26/2021)









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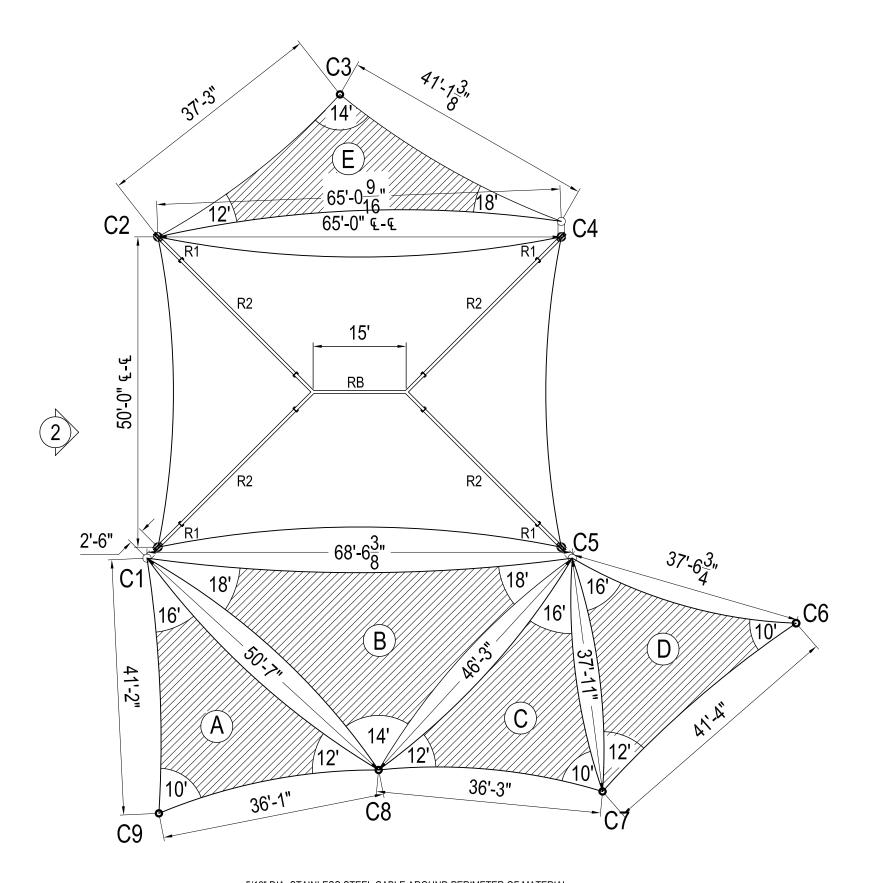
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## PROPOSED SHADE CANOPY COLORS





GENERAL NOTES

1- THE SHADE SYSTEMS, INC.™ STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2017 FLORIDA BUILDING CODE 6TH EDITION AND ASCE 7-10 TO THE FOLLOWING DESIGN CRITERIA:

	STRUCTURE WITH FABRIC CANOPY REMOVED
RISK CATEGORY	Į.
EXPOSURE	В
BASIC WIND SPEED	138 MPH

2- THE FOUNDATION ASSUMES SOIL CLASS MATERIAL 4, VERTICAL FOUNDATION PRESSURE 2000 PSF, LATERAL BEARING PRESSURE 150 PSF/FT, [PER IBC TABLE 1008.2]

3- ALL FASTENERS SHALL BE STAINLESS STEEL.

4- THE FABRIC IS READILY REMOVABLE AND NEED TO BE REMOVED IF WIND SPEED MORE THAN 90 MPH IS EXPECTED. THIS COMPILES WITH "QUICK REMOVAL" PER 2017 FLORIDA BUILDING CODE 6TH EDITION PER SECTION 3105.4.2.1

1- GALV. STEEL TUBES MIN Fy=50KSI. STEEL ROUND PIPE SHALL BE ASTM A53 GRADE B, STEEL HSS ROUND AND HSS RECTANGULAR SHALL BE ASTM A500 GRADE B. STEEL PLATE SHALL CONFORM WITH ASTM A36.

2- ALL PARTS SHALL BE FACTORY-WELDED TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL UTILIZE E70-S6 AND HAVE THE HIGHEST STANDARDS OF QUALITY WORKMANSHIP.

3- ALL WELDS SHALL BE FILLET WELDS WITH MAXIMUM PERMISSABLE THROAT THICKNESS OR FULL PENETRATION GROOVE WELDS.

1- ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE LATES EDITION OF ACI 301 AND 318.

2- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (fc) OF 3000 PSI. A CONCRETE MIX HAVING A LISTED STRENGTH OF AT LEAST 3000 PSI THA IS MIXED IN A COORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IS ACCEPTABLE FOR USE.

3- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 WITH A MINIMUM YIELD STRENGTH (fy) OF 60 KSI.

4- UNLESS OTHERWISE SHOWN, CONCRETE COVER SHALL BE 3" (MIN).

1- KNITTED HDPE FABRIC HAS A SIEVE FACTOR OF 64%

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NOTE TO OWNER: OWNER ACCEPTS FULL RESPONSIBILITY FOR REMOVING THE FABRIC SHADE MATERIAL FROM THE STEEL FRAME WHEN SEVERE WEATHER CONDITIONS ARE PREDICTED. SUCH CONDITIONS INCLUDE PREDICTED WIND SPEEDS IN EXCESS Shade systems

4150 S.W. 19 Street Ocala, FL 34474 Tel.: 1-800-609-6066

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# FLParkBeachAllison Miami

Model Name:

Approved

CUSTOM SAIL SHADE SYSTEM STRUCTURE

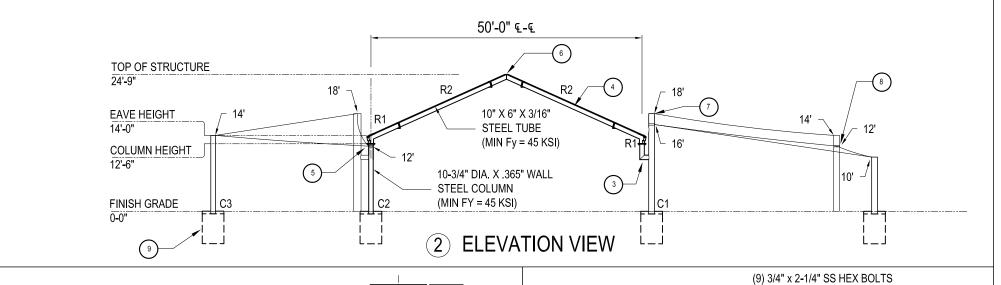
SAIL

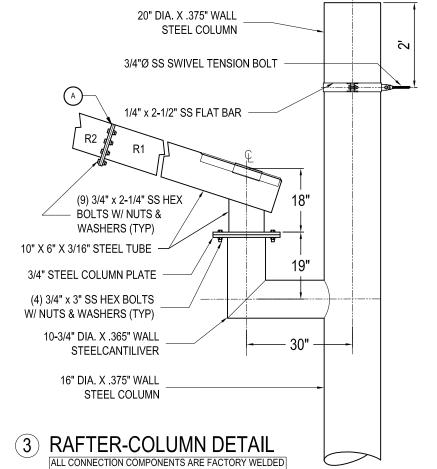
Revisions

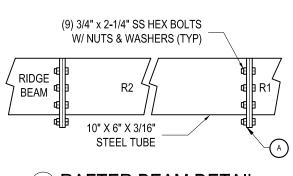
REP QTE. NO. Q-02187

Approved: JRB QTE Checked: MG Date: 11/30/2020 Sheets: NOT TO SCALE 1 OF 4

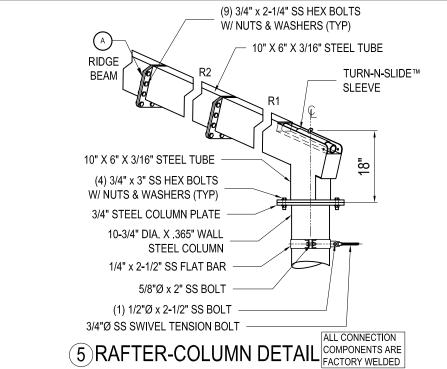
5/16" DIA. STAINLESS STEEL CABLE AROUND PERIMETER OF MATERIAL PLAN VIEW NOTE: NUMBERS IN CORNERS OF FABRIC INDICATE SAIL ATTACHMENT POINT HEIGHTS

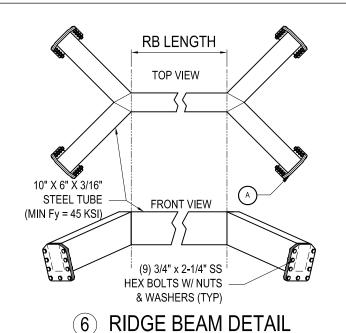


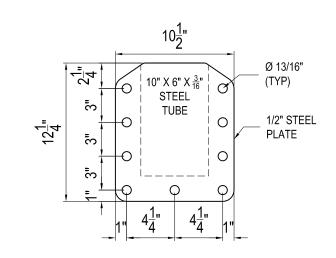




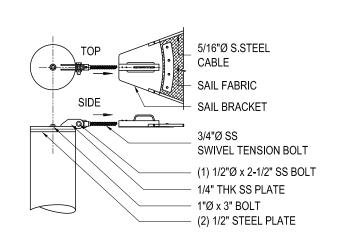
**4** RAFTER BEAM DETAIL



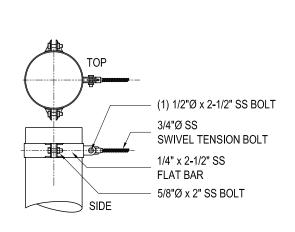




(A) CONNECTION PLATE



(7) SAIL TOP CORNER DETAIL



8 SAIL BRACKET DETAIL



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Allison Park Miami Beach FL

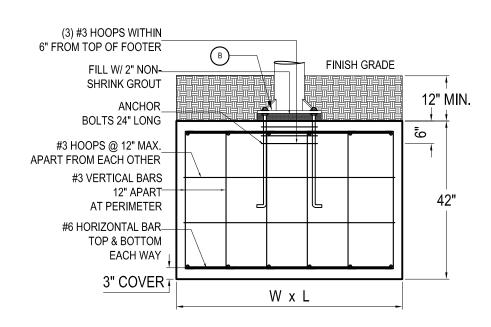
CUSTOM SAIL
SHADE SYSTEM STRUCTURE

SAIL

Revisions

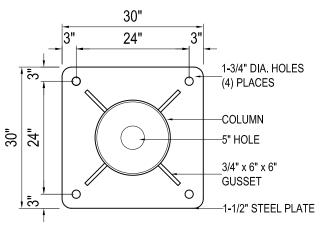
REP QTE. NO. Q-02187

	STEEL COLUMN	FOOTER W x L	ANCHOR BOLT SIZE	NUMBER OF HORIZONTAL REBARS EACH WAY
C1	18" DIA. X .375" WALL	136" x 136"	1-1/2"Ø	12
C2	10-3/4" DIA. X .365" WALL	80" x 80"	1"Ø	6
C3	10-3/4" DIA. X .365" WALL	86" x 86"	1"Ø	8
C4	12-3/4" DIA. X .375" WALL	92" x 92"	1"Ø	9
C5	18" DIA. X .375" WALL	213" x 213"	1-1/2"Ø	19
C6	8-5/8" DIA. X .322" WALL	62" x 62"	1"Ø	6
C7	10-3/4" DIA. X .365" WALL	92" x 92"	1"Ø	8
C8	14" DIA. X .375" WALL	108" x 108"	1-1/2"Ø	10
C9	8-5/8" DIA. X .322" WALL	62" x 62"	1"Ø	6

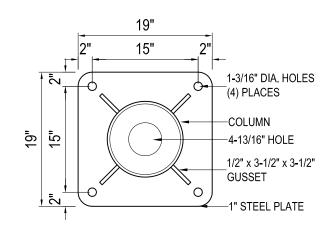


## (9) FOOTING DETAIL

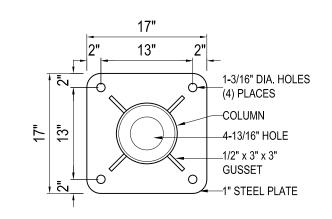
NOTE: GROUT, HOOPS, REBARS & ANCHOR BOLTS NOT SUPPLIED BY FACTORY



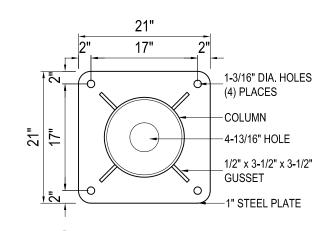
# B BASE PLATE DETAIL



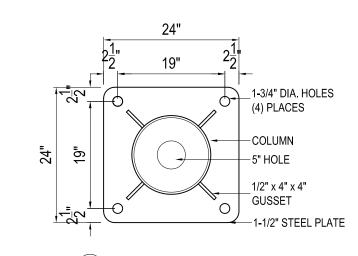
B BASE PLATE DETAIL C2/C3/C7



B BASE PLATE DETAIL



B BASE PLATE DETAIL



B BASE PLATE DETAIL



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# FLParkBeach Allison Miami

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Model Name:

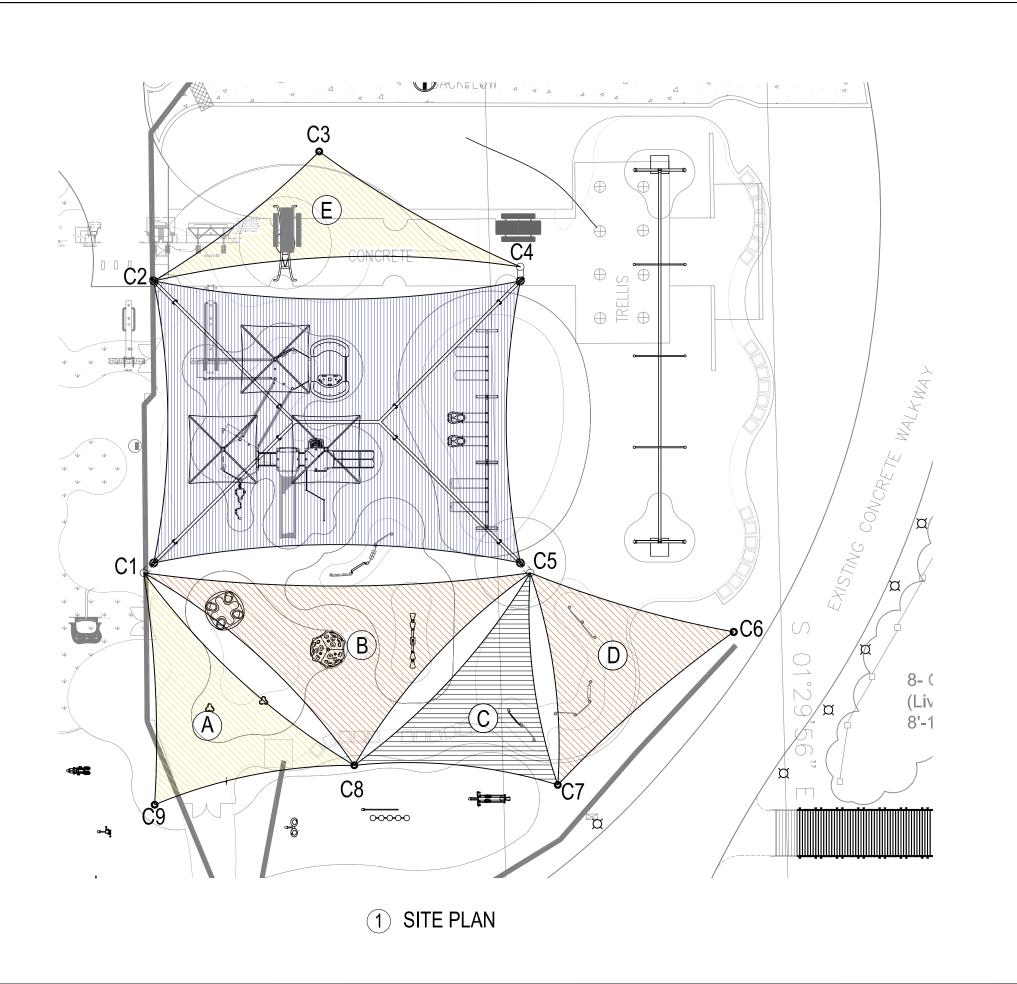
CUSTOM SAIL SHADE SYSTEM STRUCTURE

SAIL

Revisions REP:

REP QTE. NO. Q-02187

QTE MG Date: 11/30/2020 Sheets: NOT TO SCALE 3 OF 3





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# FLParkBeachAllisonMiami

Approved:

Model Name:

CUSTOM SAIL SHADE SYSTEM STRUCTURE

SAIL

Revisions

REP:

REP QTE. NO.

Approved: JRB QTE

Q-02187