

# BOUNDARY AND TOPOGRAPHIC SURVEY

## ABBREVIATIONS:

- A = ARC LENGTH
- ASPH. = ASPHALT
- ADIC = 2" ALUMINUM DISC IN CONCRETE
- ADICM = 2" ALUMINUM DISC IN CONCRETE MONUMENT
- BCED = BROWARD COUNTY ENGINEERING DEPARTMENT
- BCR = BROWARD COUNTY RECORDS
- BEC = BISCAYNE ENGINEERING COMPANY
- BL = BASELINE
- BM = BENCHMARK
- BW = BACK OF SIDEWALK
- (C) = MEASURED OR CALCULATED FROM FIELD MEASUREMENTS
- CA = CENTRAL ANGLE
- CB = CATCH BASIN
- CB = CHORD BEARING
- CD = CHORD DISTANCE
- CCR = CERTIFIED CORNER RECORD
- CL = CLEARANCE
- CLF = CHAIN LINK FENCE
- CM = CONCRETE MONUMENT
- CMP = CORRUGATED METAL PIPE
- CONC. = CONCRETE
- COR. = CORNER
- C&G = CURB AND GUTTER
- DC = DEPRESSED CURB
- D.B. = DEED BOOK
- E = EAST
- EP = EDGE OF PAVEMENT
- DBH = DIAMETER AT BREAST HEIGHT
- DEP = DEPRESSED CURB
- DH = DRILL HOLE
- EL = ELEVATION
- ENC = ENCROACHMENT
- FBDIC = FOUND BRASS DISC IN CONCRETE
- FDIP = FOUND IRON PIPE
- FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
- F.P.L. = FLORIDA POWER AND LIGHT
- FL = FLOW LINE
- FND = FOUND
- ID = IDENTIFICATION
- INV = INVERT ELEVATION
- I.P. = IRON PIPE
- IP&C = IRON PIPE AND CAP
- IR = IRON ROD NO IDENTIFICATION
- IR&C = 5/8" IRON ROD AND CAP
- IRIC = IRON ROD IN CONCRETE
- (L) = PER LEGAL DESCRIPTION
- L = ARCH LENGTH
- LAT = LATITUDE
- LB = LICENSED BUSINESS
- LONG = LONGITUDE
- (M) = MEASURED
- MH = MANHOLE
- MHD = MANHOLE (DRAINAGE SEWER)
- MHS = MANHOLE (SANITARY SEWER)
- MN&W = MAG NAIL AND WASHER
- MON. = MONUMENT
- N = NORTH
- N&TT = NAIL AND TIN TAB
- N&W = NAIL AND WASHER
- NAVD-88 = NORTH AMERICAN VERTICAL DATUM OF 1988
- NVAL = NON-VEHICULAR ACCESS LINE PER PLAT
- NTS = NOT TO SCALE
- O.R.B. = OFFICIAL RECORDS BOOK
- OFF. = OFFSET
- (P) = PER PLAT
- PAV = PAVEMENT
- P.B. = PLAT BOOK
- PCC = POINT OF COMPOUND CURVATURE
- PG. = PAGE
- P.I. = POINT OF INTERSECTION
- PK N&W = PARKER KALON NAIL AND WASHER
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT
- PP = POWER POLE
- PRC = POINT OF REVERSE CURVATURE
- PT = POINT OF TANGENCY
- PT = POINT OF TANGENCY
- PVC = POLYVINYL CHLORIDE
- (R) = RECORD
- R = RADIUS
- RGE = RANGE
- R.R. = RAILROAD
- R/W = RIGHT-OF-WAY
- S = SOUTH
- SEC. = SECTION
- SFWM = SOUTH FLORIDA WATER MANAGEMENT DISTRICT
- S.R. = STATE ROAD
- STA. = STATION
- T.B.M. = TEMPORARY BENCHMARK
- TC = TOP OF CURB
- T.O.B. = TOP OF BANK
- TPZ = TREE PROTECTION ZONE
- TRAV = TRAVERSE
- TWP = TOWNSHIP
- UG = UNDERGROUND
- U.S. = UNITED STATES
- W = WEST
- WM = WATER METER
- φ = DIAMETER
- ± = MORE OR LESS

## LEGAL DESCRIPTION:

BEING A PARCEL OF LAND LYING IN SECTION 34, TOWNSHIP 53 SOUTH, RANGE 42 EAST, CITY OF MIAMI BEACH, MIAMI-DADE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

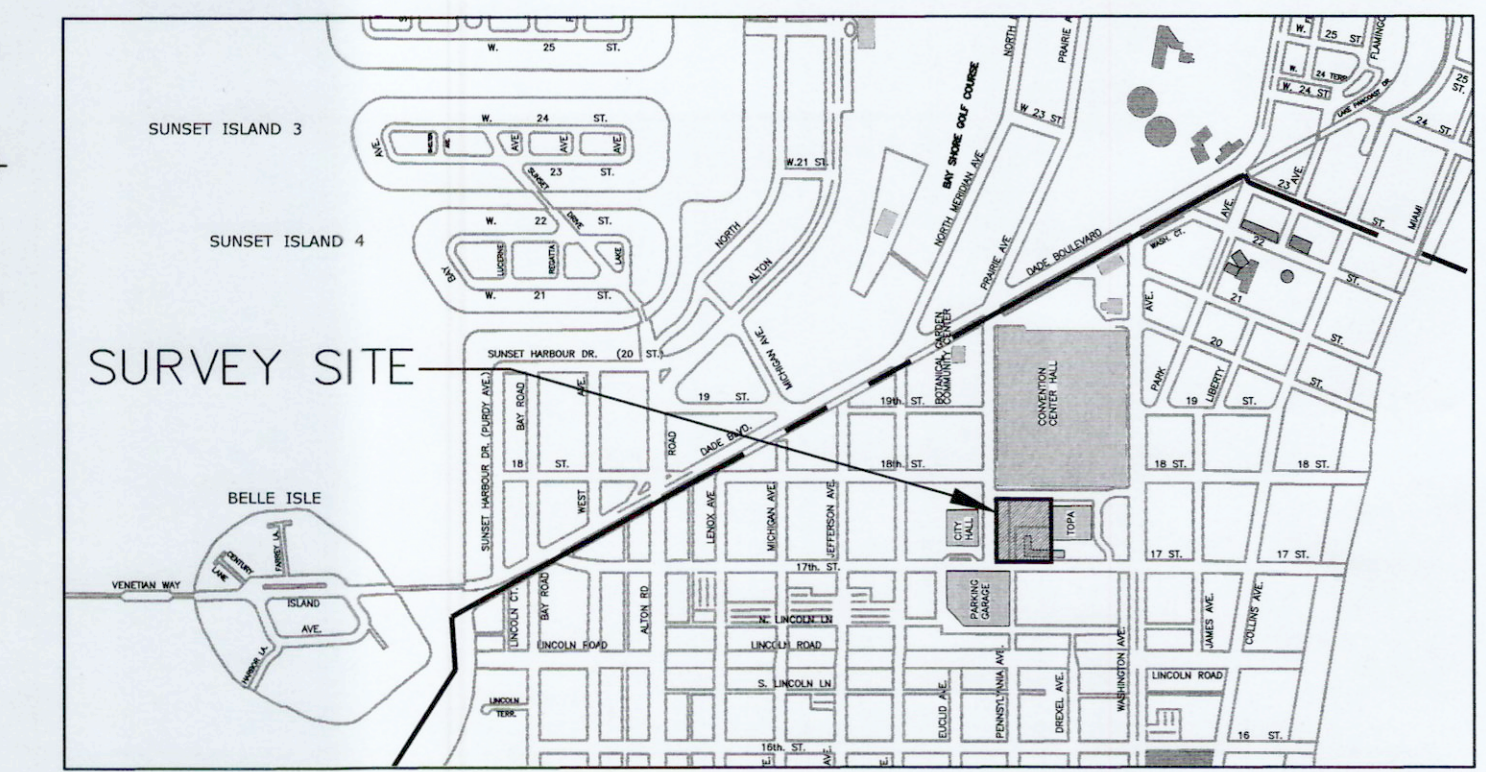
COMMENCE AT THE SOUTHEAST CORNER OF LOT 1, BLOCK 22, ACCORDING TO THE AMENDED PLAT OF GOLF COURSE SUBDIVISION OF THE ALTON BEACH REALTY COMPANY, AS RECORDED IN PLAT BOOK 6, PAGE 26, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA; THENCE N88°00'53"E, ALONG THE EASTERLY PROLONGATION OF THE NORTHERLY RIGHT OF WAY LINE OF 17TH STREET, SAID RIGHT OF WAY BEING 70 FEET IN WIDTH AS SHOWN ON SAID PLAT BOOK 6, PAGE 26, A DISTANCE 368.16 FEET; THENCE N02°04'00"W, ALONG THE EASTERN EDGE OF AN EXISTING 15 FEET WIDE SIDEWALK LYING ON THE EAST SIDE OF CONVENTION CENTER DRIVE AS NOW LAID OUT AND IN USE, A DISTANCE OF 39.94 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE N02°04'00"W ALONG SAID EXISTING SIDEWALK, A DISTANCE OF 238.58 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 40.00 FEET, A CHORD WHICH BEARS N42°58'54"E, A DISTANCE OF 62.90 FEET, THROUGH A CENTRAL ANGLE OF 90°05'48"; THENCE N88°01'48"E A DISTANCE OF 13.05 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "A"; THENCE CONTINUE N88°01'48"E A DISTANCE OF 297.49 FEET; THENCE S01°56'26"E, TO THE INTERSECTION WITH SAID EASTERLY PROLONGATION OF THE NORTHERLY RIGHT OF WAY OF 17TH STREET, A DISTANCE OF 318.50 FEET; THENCE S88°01'48"W, ALONG SAID EASTERLY PROLONGATION OF THE NORTHERLY RIGHT OF WAY OF 17TH STREET, A DISTANCE OF 309.96 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 40.00 FEET, A CHORD WHICH BEARS N47°01'33"W; THENCE NORTHWESTERLY ALONG THE ARC SAID CURVE A DISTANCE OF 62.78 FEET, THROUGH A CENTRAL ANGLE OF 89°55'08" TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL CONTAINS 110,884 SQUARE FEET OR 2.55 ACRES MORE OR LESS.

TOGETHER WITH:

AN AIRSPACE PARCEL BEING A PARCEL OF LAND LYING IN SECTION 34, TOWNSHIP 53 SOUTH, RANGE 42 EAST, CITY OF MIAMI BEACH, MIAMI-DADE COUNTY, FLORIDA, HAVING AS ITS LOWER BOUNDARY, A HORIZONTAL PLANE AT ELEVATION 23.69 FEET (NORTH AMERICAN VERTICAL DATUM OF 1988), HAVING AS ITS UPPER BOUNDARY, A HORIZONTAL PLANE AT ELEVATION 52.44 FEET (NORTH AMERICAN VERTICAL DATUM OF 1988), THE PERIMETRICAL BOUNDARIES OF WHICH ARE MORE PARTICULARLY DESCRIBED AS FOLLOWS:

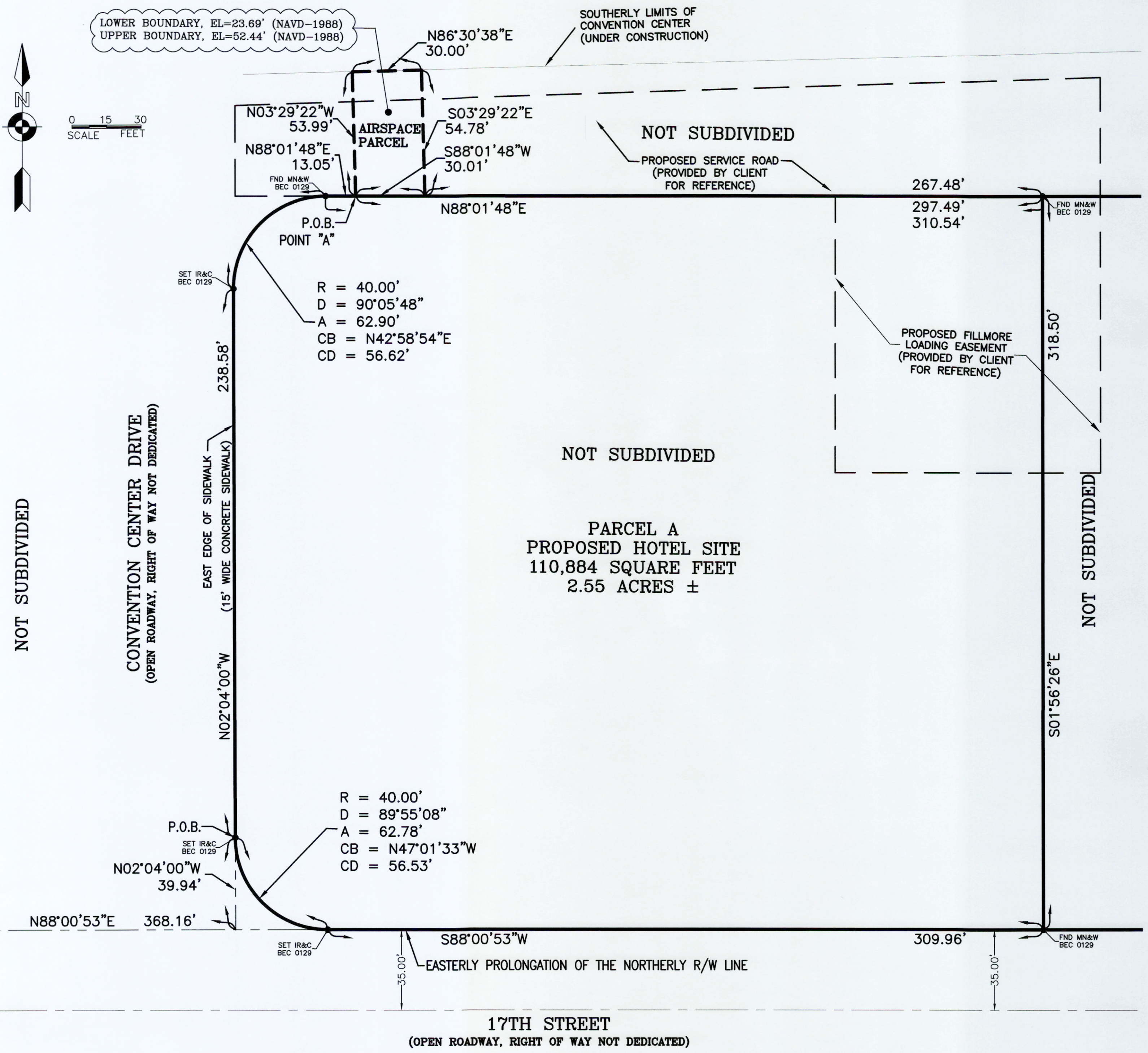
BEGIN AT SAID POINT "A"; THENCE N03°29'22"W A DISTANCE OF 53.99 FEET; THENCE N86°30'38"E A DISTANCE OF 30.00 FEET; THENCE S03°29'22"E A DISTANCE OF 54.78 FEET; THENCE S88°01'48"W A DISTANCE OF 30.01 FEET TO THE POINT OF BEGINNING SAID POINT ALSO BEING POINT "A".



**LOCATION SKETCH**  
(NTS)

## SURVEYOR'S NOTES:

- LEGAL DESCRIPTION PROVIDED BY THE CLIENT.
- THIS SITE LIES IN SECTION 34, TOWNSHIP 53 SOUTH, RANGE 42 EAST, CITY OF MIAMI BEACH, MIAMI-DADE COUNTY, FLORIDA.
- BEARING SHOWN HEREON ARE ASSUMED AND REFERENCED TO THE NORTHERLY RIGHT-OF-WAY LINE OF 17TH STREET, ASSUMED TO BEAR N88°00'53"E.
- UNDERGROUND UTILITIES SHOWN HEREON WERE MARKED BY INFRAMAP CORPORATION ON 04/12/2019 (PROJECT: PF19001) AND LOCATED BY BISCAYNE ENGINEERING.
- ELEVATIONS SHOWN HEREON ARE IN US SURVEY FEET, AND ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD-88), AND ARE REFERENCED TO THE FOLLOWING BENCHMARKS:  
I) CITY OF MIAMI BEACH BENCHMARK "DB MA 12", ELEVATION 7.56' (NAVD-88), PK NAIL AND WASHER, LOCATED ON TRAFFIC SEPARATOR AT THE INTERSECTION OF DADE BOULEVARD AND MERIDIAN AVENUE.  
II) CITY OF MIAMI BEACH BENCHMARK "DB 03", ELEVATION 5.36' (NAVD-88), PK NAIL AND WASHER, LOCATED AT THE SOUTH END OF TRAFFIC SEPARATOR AT THE INTERSECTION OF DADE BOULEVARD AND PRAIRIE AVENUE.
- VERTICAL BENCHMARKS #1 AND #2 WERE MEASURED USING A LEVELING INSTRUMENT.
- LANDS SHOWN HEREON ARE LOCATED IN FEDERAL FLOOD ZONE "AE", ELEVATION 8', PER COMMUNITY PANEL NO. 120651-0317-L, MAP REVISED SEPTEMBER 11, 2009.
- DIRECTIONS OF SURFACE STORM WATER "DRAINAGE FLOW" NOT DETERMINED BY SURVEYOR.
- THE ELEVATIONS OF AIR RIGHTS AND PROPOSED CONVENTION CENTER BUILDING LINE PROVIDED BY FENTRESS ARCHITECTS.
- SYMBOLS SHOWN HEREON ARE FOR REFERENCE AND ARE NOT SHOWN TO SCALE.
- ALL DISTANCES ARE IN FEET AND DECIMALS THEREOF UNLESS OTHERWISE NOTED.
- DIMENSIONS INDICATED HEREON WERE CALCULATED FROM FIELD MEASUREMENTS USING A TOTAL STATION ELECTRONIC DISTANCE MEASUREMENT (EDM), UNLESS OTHERWISE NOTED.
- TOPOGRAPHIC FEATURES SHOWN HEREON WERE FIELD LOCATED USING A TOTAL STATION ELECTRONIC DISTANCE MEASUREMENT (EDM), UNLESS OTHERWISE NOTED.
- TIES FROM PROPERTY LINES TO BUILDINGS ARE TO THE EXTERIOR FACE OF BUILDING'S PERIMETER WALLS; UNDERGROUND FOUNDATIONS HAVE NOT BEEN LOCATED OR SHOWN.
- THE LOCATION OF VISIBLE UTILITIES SHOWN HEREON WERE FIELD LOCATED. SYMBOLS SHOWN HEREON ARE FOR REFERENCE AND ARE NOT SHOWN TO SCALE.
- UNDERGROUND IMPROVEMENTS, UTILITIES, AND/OR UNDERGROUND ENCROACHMENTS, WHERE THEY ARE NOT VISIBLE AT SURFACE GROUND LEVEL, ARE NOT SHOWN INCLUDING BUT NOT LIMITED TO BUILDINGS, STRUCTURAL APPURTENANCES, STORM DRAINAGE SYSTEMS, TANKS OR RUBBISH FILLS.
- NO ATTEMPT WAS MADE BY THE SURVEYOR TO DETERMINE MINERAL RIGHTS OWNERSHIP AND/OR RIGHTS-OF-ENTRY APPURTENANT THERETO.
- SURVEYOR HAS NOT SHOWN ANY OFFICIAL ZONING CLASSIFICATION, VARIANCES, USES PERMITTED THEREUNDER, SETBACK, HEIGHT, BULK, DENSITY AND/OR PARKING REQUIREMENTS, REFERENCED TO THE CITY OF MIAMI BEACH, OR MIAMI-DADE BUILDING CODES, OR ZONING CODES, AS SAME MAY VARY DEPENDING ON TYPE OF CONSTRUCTION ALL TO BE DETERMINED BY ARCHITECT. THIS SURVEY DOES NOT MAKE ANY REPRESENTATIONS AS TO ZONING OR DEVELOPMENT RESTRICTIONS ON THE SUBJECT PARCEL.
- THERE MAY BE ADDITIONAL RESTRICTIONS AFFECTING THIS PROPERTY FOUND IN THE LAWS OF THE CITY OF MIAMI BEACH, MIAMI-DADE COUNTY, AND THE STATE OF FLORIDA.
- THE ACCURACY OF THE SURVEY MEASUREMENTS SHOWN HEREON IS BASED ON THE TYPE OF SURVEY AND EXPECTED USE OF THE SURVEY. REDUNDANT MEASUREMENTS AND COMPUTATION RECORDS SUBSTANTIATE THE SURVEY MAP. REDUNDANCY OF MEASUREMENTS WAS OBTAINED BY MULTIPLE OCCUPATIONS OF FOUND AND SET CONTROL POINTS. THESE METHODS HAVE BEEN TESTED BY BEC AND FOUND TO HAVE AN EXPECTED ACCURACY OF ± 0.07 FEET HORIZONTALLY, ± 0.03 FEET VERTICALLY ON HARD SURFACES AND ± 0.1 FEET ON GROUND SURFACES.
- SURVEYED BUILDINGS WERE LOCATED CROSSING THE BOUNDARY LINES, PARTICULARLY OVER THE EASTERLY BOUNDARY AS SHOWN HEREON.
- THIS SITE WAS NOT ABSTRACTED FOR EASEMENTS OR RIGHTS-OF-WAY OF RECORD. SURVEYOR MAKES NO STATEMENT AS TO OWNERSHIP WHICH IS SUBJECT TO AN OPINION OF TITLE BY A LICENSED FLORIDA ATTORNEY AT LAW. CLIENT IS ADVISED TO GET TITLE INSURANCE WHICH WILL REVEAL MATTERS OF RECORD. THIS SURVEY IS SUBJECT TO FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.
- TREES WERE LOCATED BY THE SURVEYOR; HOWEVER, TREES WERE MEASURED AND IDENTIFIED, AS SHOWN ON THE TREE TABLE, BY CERTIFIED ARBORIST JEFF SHIMONSKI (PRESIDENT, TROPICAL DESIGNS OF FLORIDA, INC.; MEMBER, AMERICAN SOCIETY OF CONSULTING ARBORISTS; ISA CERTIFIED ARBORIST MUNICIPAL SPECIALIST FL-1052AM; ISA TREE RISK ASSESSMENT QUALIFICATION; LIAF FLORIDA CERTIFIED LANDSCAPE INSPECTOR - 2016-0175). TREE TABLE DATA WAS PROVIDED BY CLIENT TO BEC ON 01/04/2019.
- THIS DOCUMENT CONSISTS OF THREE (3) SHEETS AND SHALL NOT BE CONSIDERED FULL, VALID, AND COMPLETE UNLESS EACH SHEET IS ATTACHED TO THE OTHERS.
- THE CERTIFICATE OF AUTHORIZATION NUMBER OF BISCAYNE ENGINEERING COMPANY IS LB-0129.
- REFERENCE: BEC WORK ORDER 03-86130 (SKETCH & LEGAL DESCRIPTION OF PROPOSED HOTEL PARCEL), DRAWING NUMBER EC-01, DATED 04/30/2018; BEC WORK ORDER 03-83800 (TOPOGRAPHIC SURVEY OF MIAMI BEACH CONVENTION CENTER), DRAWING NUMBER DC-5586, DATED 05/28/14. BOUNDARY LIMITS SHOWN HEREON WERE DETERMINED BY CITY OF MIAMI BEACH CITY SURVEYOR, BRIAN T. BELLINO P.S.M., AS PER SKETCH OF DESCRIPTION, DRAWING EC-01 (FILE NAME "SM-2014"), PROVIDED TO BEC ON 04/25/2018.



AMENDED PLAT OF GOLF COURSE SUBDIVISION  
ALTON BEACH REALTY COMPANY  
(PLAT BOOK 6, PAGE 26)  
LOT 1, BLOCK 22

P.O.C.  
SOUTHEAST  
CORNER LOT 1,  
BLOCK 22

THIS DOCUMENT CONSISTS OF THREE (3) SHEETS AND SHALL NOT BE CONSIDERED FULL, VALID, AND COMPLETE UNLESS EACH SHEET IS ATTACHED TO THE OTHERS.

### SURVEYOR'S CERTIFICATE:

I hereby certify that the attached "BOUNDARY AND TOPOGRAPHIC SURVEY" complies with the Standards of Practice for Surveying and Mapping set forth by the State of Florida Board of Professional Surveyors and Mappers in chapter 5J-17, Florida Administrative Code, pursuant to chapter 472.027, Florida Statutes.

NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

Biscayne Engineering Company, Inc.  
529 West Flagler Street, Miami, FL 33130  
305-324-7671  
State of Florida Department of Agriculture  
LB-0000129

*Alberto J. Rabionet*  
Alberto J. Rabionet, PSM, for the Firm  
Professional Surveyor and Mapper  
No. 7218  
State of Florida

SURVEY DATE: 04/30/19



NEIGHBORHOOD: CONVENTION CENTER DISTRICT  
TITLE: SURVEY OF PROPOSED MIAMI BEACH CONVENTION CENTER HOTEL SITE



CITY MANAGER: JIMMY L. MORALES  
DIRECTOR: ROY COLEY  
ACTING CITY ENGINEER: LUIS SOTO, P.E.

ENGINEER OF RECORD: N/A  
DESIGN ENGINEER: ...  
DRAWN BY: R.C./R.B.  
CHECKER: A.J.R.  
SCALE: 1" = 30' (SHEET 1)

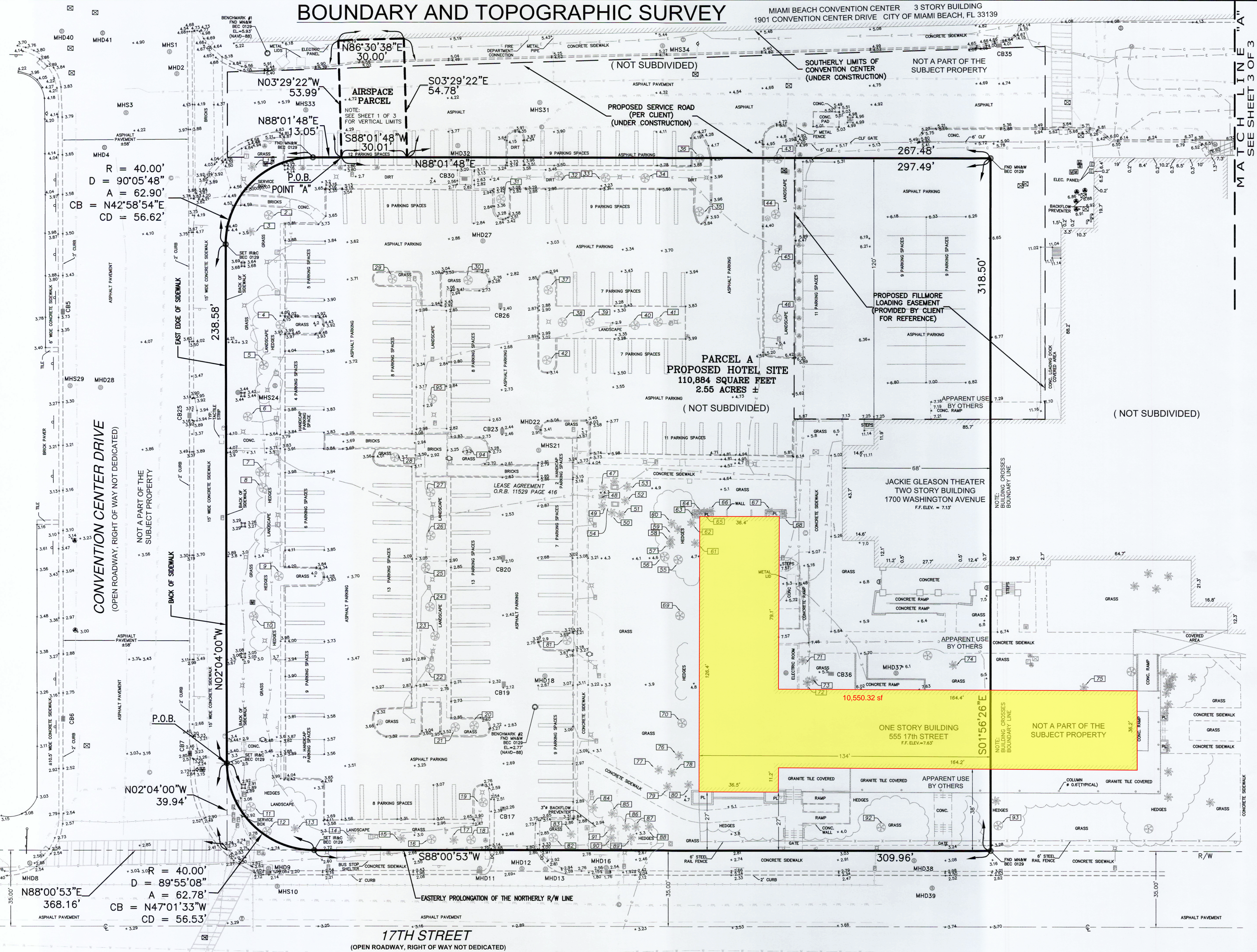
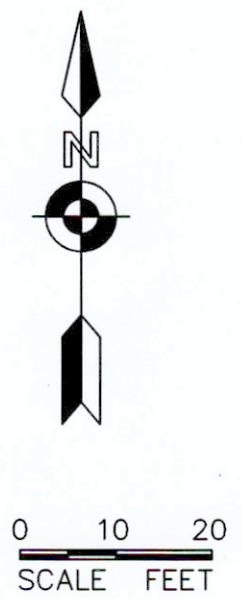
ACCEPTED BY: BRIAN T. BELLINO, P.S.M.  
CITY SURVEYOR MANAGER

NO.	DATE	REVISION	APP'D BY
5			
4			
3	04/30/2019	UPDATED BOUNDARY & TOPOGRAPHIC SURVEY	A.J.R.
2	01/04/2019	TREE TABLE FROM ARBORIST INCORPORATED	X.N.
1	12/12/2018	PREPARED BOUNDARY & TOPOGRAPHIC SURVEY	X.N.

File Path: P:\SURVEY\PROJECTS\2019\LB029 10884 HOTEL DEVELOPMENT GROUP.DWG  
File Name: 86392-MASTER final 4-30-2019.dwg  
Survey Reference:  
Field Book: 2987 Page: 06-11 Work Order: 03-86392  
Date: 04/30/2019 Sheet: 1 of 3 Drawing: XX-00

# BOUNDARY AND TOPOGRAPHIC SURVEY

MIAMI BEACH CONVENTION CENTER 3 STORY BUILDING  
1901 CONVENTION CENTER DRIVE CITY OF MIAMI BEACH, FL 33139



$R = 40.00'$   
 $D = 90^{\circ}05'48''$   
 $A = 62.90'$   
 $CB = N42^{\circ}58'54''E$   
 $CD = 56.62'$

**CONVENTION CENTER DRIVE**  
 (OPEN ROADWAY, RIGHT OF WAY NOT DEDICATED)

**17TH STREET**  
 (OPEN ROADWAY, RIGHT OF WAY NOT DEDICATED)

**LINE TYPE**

CENTER LINE	---
RIGHT OF WAY LINE	---
BOUNDARY LINE	---
SIDEWALK AND EP	---
CONCRETE	---
FENCE	---
LIMITS OF BUILDING	---
UNKNOWN LINE UNDERGROUND	---
F.P.L. ELECTRICAL LINE UNDERGROUND	---
WATER LINE UNDERGROUND	---
ELECTRIC LINE UNDERGROUND	---
CATV LINE UNDERGROUND	---
TRAFFIC SIGNAL UNDERGROUND	---
COMMUNICATION LINE UNDERGROUND	---
GAS LINE UNDERGROUND	---
FIBRE OPTIC UNDERGROUND	---

AMENDED PLAT OF  
 GOLF COURSE SUBDIVISION  
 ALTON BEACH  
 REALTY COMPANY  
 (PLAT BOOK 6, PAGE 26)  
 LOT 1, BLOCK 22  
 P.O.C.  
 SOUTHEAST CORNER  
 LOT 1, BLOCK 22  
 BEARING REFERENCE

THIS DOCUMENT CONSISTS OF THREE (3) SHEETS AND SHALL NOT BE CONSIDERED FULL, VALID, AND COMPLETE UNLESS EACH SHEET IS ATTACHED TO THE OTHERS.

MATCH LINE SEE SHEET 3 OF 3

**MIAMI BEACH**  
**PUBLIC WORKS DEPARTMENT**  
 1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL 33139

NEIGHBORHOOD: CONVENTION CENTER DISTRICT  
 TITLE: SURVEY OF PROPOSED MIAMI BEACH CONVENTION CENTER HOTEL SITE

**BISCAYNE ENGINEERING**  
 SURVEYORS • ENGINEERS  
 PLANNERS  
 SINCE 1888  
 MIAMI OFFICE  
 529 W. FLAGLER ST. MIAMI, FL 33130  
 TEL: (305) 324-7671 FAX: (305) 324-0809

CITY MANAGER: JIMMY L. MORALES  
 DIRECTOR: ROY COLEY  
 ACTING CITY ENGINEER: LUIS SOTO, P.E.

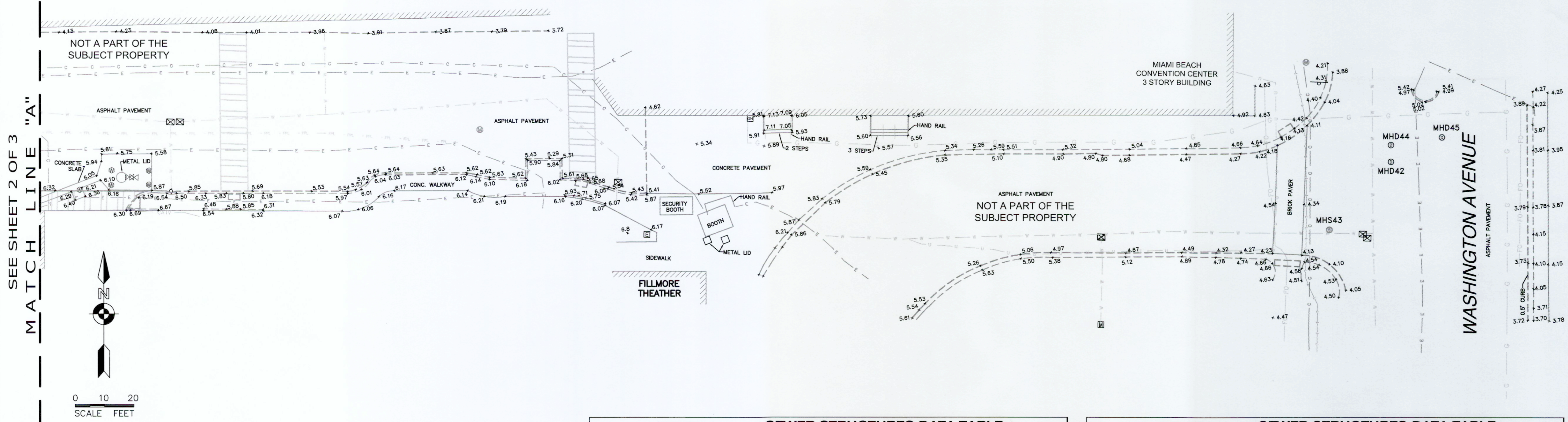
ENGINEER OF RECORD: N/A  
 DESIGN ENGINEER: ...  
 DRAWN BY: R.C./R.B.  
 CHECKER: A.J.R.  
 SCALE: 1" = 20' (SHEET 2)

ACCEPTED BY:  
 BRIAN T. BELLINO, P.S.M.  
 CITY SURVEYOR MANAGER

NO.	DATE	REVISION
1	04/30/2019	PREPARED BOUNDARY & TOPOGRAPHIC SURVEY
2	01/04/2019	TREE TABLE FROM ARBORIST INCORPORATED
3	04/30/2019	UPDATED BOUNDARY & TOPOGRAPHIC SURVEY
4		

File Path: P:\SURVEY\PROJECTS\86392\MIAMI BEACH DEVELOPMENT GROUP\DWG  
 File Name: 86392-MASTER final 4-30-2019.dwg  
 Survey Reference: A.J.R.  
 Field Book: 2987 Page: 06-11 Work Order: 03-86392  
 Date: 04/30/2019 Sheet: 2 of 3 Drawing: XX-00

# BOUNDARY AND TOPOGRAPHIC SURVEY



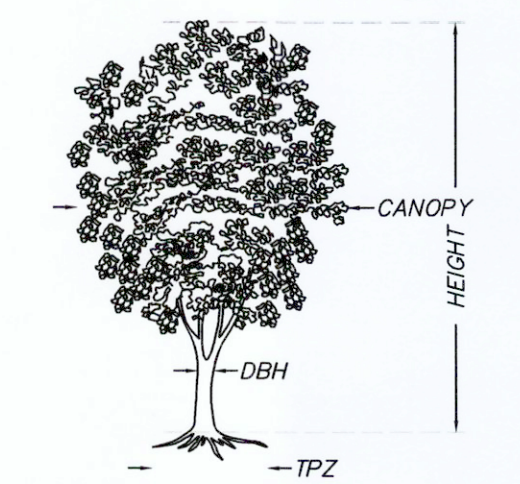
### LEGEND:

- CATCH BASIN TYPE "D"
- CATCH BASIN TYPE "DC"
- CATCH BASIN TYPE "F"
- ELECTRICAL MANHOLE
- FIRE HYDRANT
- GUY WIRE AND ANCHOR
- HEDGE
- LIGHT POLE LOW LEVEL
- LIGHT POLE, MAST ARM
- EXISTING LIGHT POLE LOW LEVEL
- EXISTING LIGHT POLE, MAST ARM
- NORTH ORIENTATION
- PALM
- PINE
- TREE
- PARKING METER
- POWER POLE
- POWER AND TELEPHONE POLE
- STANDING PIPE
- FLOOD LIGHT
- LAMP
- BUS BENCH
- BIKE RACK
- TRASH CAN
- FLAG POLE
- MAILBOX
- FORCE MAIN VALVE BOX
- GAS VALVE
- EXISTING VALVE
- WATER VALVE BOX
- WATER METER BOX
- MONITORING WELL
- POST
- CLEAN OUT
- SANITARY VALVE
- DRAIN
- BACKFLOW PREVENTER
- WATER VALVE
- FIRE DEPARTMENT CONNECTION
- IRRIGATION VALVE
- GAS METER
- GAS MANHOLE
- COMMUNICATION BOX
- TELEPHONE BOX
- ELECTRICAL BOX
- SERVICE BOX
- ELECTRICAL METER
- ELECTRICAL OUTLET
- WOOD POWER POLE
- STORM DRAINAGE MANHOLE
- SANITARY SEWER MANHOLE
- SIGN
- SIGNAL CONTROL PANEL
- SIGNAL PEDESTRIAN
- TRAFFIC SIGNAL, MAST ARM
- TELEPHONE POLE (EXISTING)
- TELEPHONE MANHOLE
- WIRING BOX
- AIR CONDITIONING UNIT
- DENOTES SPOT ELEVATION
- CENTER LINE
- MAST ARM

### LINE TYPE

- CENTER LINE
- RIGHT OF WAY LINE
- BOUNDARY LINE
- SIDEWALK AND EP
- CONCRETE
- FENCE
- LIMITS OF BUILDING
- UNKNOWN LINE UNDERGROUND
- F.P.L. ELECTRICAL LINE UNDERGROUND
- WATER LINE UNDERGROUND
- ELECTRIC LINE UNDERGROUND
- CATV LINE UNDERGROUND
- TRAFFIC SIGNAL UNDERGROUND
- COMMUNICATION LINE UNDERGROUND
- GAS LINE UNDERGROUND
- FIBRE OPTIC UNDERGROUND

### TREE TABLE LEGEND:



THIS DOCUMENT CONSISTS OF THREE (3) SHEETS AND SHALL NOT BE CONSIDERED FULL, VALID, AND COMPLETE UNLESS EACH SHEET IS ATTACHED TO THE OTHERS.

SEWER STRUCTURES DATA TABLE (NAVD-88)						
STRUCTURE NUMBER	RIM EL (FEET)	DEPTH (FEET)	INVERT EL (FEET)	PIPE DIAM (INCH)	MATERIAL	DIRECTION
MHS1	4.78	11.60	-6.82	12	PVC	NORTH
MHD2	4.43	5.80	-1.37	24	PVC	EAST
		10.00	-5.57			BOTTOM
MHS3	4.32	4.20	0.12	18	PVC	EAST
		6.63	-2.31			BOTTOM
MHD4	4.16	10.26	-6.10	18	PVC	NORTH
		10.37	-6.21	36	PLASTIC	SOUTH
		14.67	-10.51			BOTTOM
		5.60	-2.24	18	PVC	NORTH
CB5	3.36	5.50	-2.14	18	PVC	SOUTHEAST
		8.75	-5.39			BOTTOM
CB6	2.67	4.35	-1.68	18	PVC	NORTH
		7.69	-5.02			BOTTOM
CB7	3.86	4.36	-0.50	18	PLASTIC	NORTH
		4.45	-0.59	18	PLASTIC	SOUTH
MHD8	2.89	6.93	-3.07			BOTTOM
		4.25	-1.36	N/A	N/A	NORTHEAST
		3.79	-0.90	4	PVC	EAST
		4.69	-1.80	18	CONC.	WEST
MHD9	2.61	4.70	-1.81			BOTTOM
		3.05	-0.44	18	CONC.	WEST
MHS10	2.74	3.05	-0.44			BOTTOM
		4.00	-1.26	18	CLAY	NORTH
MHD11	2.56	4.10	-1.36	18	CLAY	EAST
		4.00	-1.26	18	CLAY	WEST
MHS12	2.66	3.30	-0.74	12	CLAY	EAST
		3.70	-1.14			BOTTOM
MHD13	2.82	2.40	0.26	12	CLAY	EAST
		4.00	-1.34	12	CLAY	WEST
MHD16	2.54	2.28	0.54	10	CLAY	EAST
		2.30	0.52	10	CLAY	WEST
CB17	2.28	6.30	-3.48			BOTTOM
		1.80	0.74	12	CLAY	WEST
MHD18	2.70	2.35	0.19			BOTTOM
		2.15	0.13	8	CLAY	NORTH
CB19	2.09	2.20	0.08			BOTTOM
		2.15	-0.06	8	CLAY	SOUTH
CB20	2.07	2.52	-0.43			BOTTOM
		1.65	0.42	10	PVC	NORTH
MHS21	2.76	1.70	0.37			BOTTOM
		6.65	-3.89			BOTTOM
MHD22	2.91	JUNCTION BOX				
		JUNCTION BOX				
		2.67	0.24	8	CONC.	WEST
		5.95	-3.04			BOTTOM
CB23	2.40	2.15	0.25	8	CONC.	EAST
		2.19	0.21	10	PVC	SOUTH
MHS24	4.19	2.51	-0.11			BOTTOM
		5.18	-0.99	24	CONC.	SOUTH
CB25	3.53	5.18	-0.99			BOTTOM
		FLOODED WITH GARBAGE				

SEWER STRUCTURES DATA TABLE (NAVD-88)						
STRUCTURE NUMBER	RIM EL (FEET)	DEPTH (FEET)	INVERT EL (FEET)	PIPE DIAM (INCH)	MATERIAL	DIRECTION
CB26	2.33	6.39	-4.06	36	CONC.	NORTH
		6.42	-4.09			BOTTOM
MHD27	2.92	8.04	-5.12	36	CONC.	SOUTH
		8.19	-5.27			BOTTOM
MHD28	3.64	9.52	-5.88	36	PLASTIC	NORTH
		2.15	1.49	18	PVC (TOPO OF PIPE)	EAST
		9.53	-5.89	36	PLASTIC	SOUTH
		12.70	-9.06			BOTTOM
MHS29	3.36	3.30	0.06	8	PVC	EAST
		3.20	0.16	8	PVC	WEST
CB30	2.35	JUNCTION BOX				
		6.18	-3.83			BOTTOM
MHS31	4.44	3.63	0.81	12	PVC	EAST
		3.53	0.91	12	PVC	WEST
MHD32	3.60	JUNCTION BOX				
		14.16	-10.56			BOTTOM
MHS33	4.83	4.35	0.48	8	PVC	NORTH
		4.69	0.14	12	PVC	EAST
MHS34	5.36	4.68	0.15	18	PVC	WEST
		4.20	1.16	12	CONC.	NORTH
CB35	3.94	4.26	1.10	12	CONC.	WEST
		4.80	-0.86	24	PLASTIC	EAST
CB36	5.58	4.90	-0.96	24	PLASTIC	WEST
		6.00	-0.42	8	CLAY	NORTH
MHD37	6.03	6.10	-0.05	12	CLAY	EAST
		6.15	-0.57	12	CLAY	WEST
MHS38	3.02	6.17	-0.59			BOTTOM
		4.85	1.18	8	CLAY	EAST
MHS39	2.95	4.00	2.03	12	CLAY	WEST
		4.76	1.27			BOTTOM
MHD40	4.35	4.65	-1.63	12	CLAY	SOUTHEAST
		4.28	-1.26	4	CLAY	SOUTH
MHD41	4.65	4.91	-1.96	24	CLAY	EAST
		4.62	-1.67	24	CLAY	WEST
		5.00	-2.05	12	PVC	NORTHWEST
		6.56	-2.21	36	PLASTIC	NORTH
MHD42	4.79	7.95	-3.60	36	PLASTIC	EAST
		6.60	-2.25	18	PVC	SOUTH
MHS43	4.49	6.02	-1.67	36	PLASTIC	WEST
		11.45	-7.10			BOTTOM
MHD44	4.841	10.63	-5.98	35	PLASTIC	NORTH
		10.95	-6.30	36	PLASTIC	SOUTH
MHS45	4.88	14.34	-9.69	36	PLASTIC	WEST
		14.52	-9.87			BOTTOM
MHD44	4.841	7.45	-2.66	24	PLASTIC	NORTH
		7.39	-2.60			BOTTOM
MHS43	4.49	11.60	-7.11	60	CONC.	NORTH
		12.00	-7.51	60	CONC.	SOUTH
MHD44	4.841	5.36	-0.87	24	N/A (TOP OF PIPE)	EAST
		12.45	-7.96			BOTTOM
MHS45	4.88	5.82	-0.979	30	CONC.	EAST
		7.46	-2.619			BOTTOM
MHD44	4.841	5.74	-0.86	24	PVC	NORTH
		5.59	-0.71	24	PVC	EAST
MHS45	4.88	5.00	-0.12	30	CONC.	WEST

TREE TABLE						
Scientific name	Common name	DBH	Height	Canopy	Condition	TPZ
1 Phoenix roebelenii	Senegal date palm	5"	18'	12'	Moderate	5'
2 Chrysothamnus oliviforme	Satin leaf	7"	14'	14'	Poor	
3 Phoenix roebelenii	Senegal date palm	37"	20'	25'	Good	5'
4 Bulnesia arborea	Verawood	17"	20'	20'	Moderate	8'
5 Bulnesia arborea	Verawood	11"	18'	15'	Good	5'
6 Tabebuia chrysantha	Yellow tabebuia	18"	18'	40'	Good	15'
7 Bulnesia arborea	Verawood	6"	18'	15'	Moderate	4'
8 Tabebuia heterophylla	Pink trumpet tree	7"	20'	15'	Moderate	4'
9 Bulnesia arborea	Verawood	8"	14'	15'	Moderate	4'
10 Bulnesia arborea	Verawood	10"	20'	20'	Good	4'
11 Phoenix roebelenii	Senegal date palm	28"	18'	25'	Good	4'
12 Plumeria rubra	Frangipani	5"	14'	12'	Good	4'
13 Phoenix roebelenii	Senegal date palm	27"	14'	28'	Good	4'
14 Roystonea regia	Royal palm	20"	25'	20'	Good	4'
15 Roystonea regia	Royal palm	18"	28'	22'	Good	4'
16 Ilex cassine	Dahoon holly	22"	14'	15'	Moderate	6'
17 Roystonea regia	Royal palm	18"	22'	22'	Good	4'
18 Ilex cassine	Dahoon holly	10"	14'	20'	Moderate	4'
19 Filicium decipiens	Japanese fern tree	13"	18'	20'	Moderate	4'
20 Filicium decipiens	Japanese fern tree	8"	15'	15'	Moderate	4'
21 Filicium decipiens	Japanese fern tree	12"	12'	15'	Moderate	4'
22 Bulnesia arborea	Verawood	10"	28'	25'	Poor	
23 Bulnesia arborea	Verawood	4"	12'	10'	Good	3'
24 Bulnesia arborea	Verawood	3"	10'	9'	Poor	
25 Tabebuia heterophylla	Pink trumpet tree	9"	25'	18'	Good	4'
26 Tabebuia heterophylla	Pink trumpet tree	8"	22'	18'	Moderate	4'
27 Tabebuia heterophylla	Pink trumpet tree	8"	22'	20'	Moderate	4'
28 Filicium decipiens	Japanese fern tree	26"	14'	24'	Poor	
29 Lagerstroemia indica	Crape myrtle	28"	20'	20'	Good	6'
30 Lagerstroemia indica	Crape myrtle	31"	20'	20'	Good	6'
31 Filicium decipiens	Japanese fern tree	11"	15'	16'	Poor	
32 Coccoloba diversifolia	Pigeon plum	21"	18'	18'	Good	6'
33 Coccoloba diversifolia	Pigeon plum	7"	15'	15'	Good	4'
34 Coccoloba diversifolia	Pigeon plum	5"	15'	12'	Good	4'
35 Lagerstroemia indica	Crape myrtle	42"	22'	18'	Good	6'
36 Filicium decipiens	Japanese fern tree	15"	15'	15'	Poor	
37 Lagerstroemia indica	Crape myrtle	38"	18'	22'	Good	6'
38 Ilex cassine	Dahoon holly	11"	15'	12'	Poor	
39 Ilex cassine	Dahoon holly	8"	16'	18'	Moderate	4'
40 Ilex cassine	Dahoon holly	17"	18'	15'	Moderate	6'
41 Ilex cassine	Dahoon holly	9"	20'	13'	Good	6'
42 Lagerstroemia indica	Crape myrtle	34"	16'	20'	Good	6'
43 Quercus virginiana	Live oak	16"	25'	35'	Poor	
44 Quercus virginiana	Live oak	16"	28'	30'	Good	10'
45 Quercus virginiana	Live oak	10"	25'	25'	Moderate	8'
46 Quercus virginiana	Live oak	14"	28'	35'	Good	10'
47 Dyopsis lutescens	Areca palm	35"	10'	16'	Poor	
48 Dyopsis lutescens	Areca palm	6"	12'	0'	Dead	
49 Dyopsis lutescens	Areca palm	33"	14'	15'	Poor	
50 Dyopsis lutescens	Areca palm	8"	15'	10'	Poor	
51 Dyopsis lutescens	Areca palm	18"	15'	10'	Poor	
52 Dyopsis lutescens	Areca palm	36"	17'	18'	Poor	
53 Dyopsis lutescens	Areca palm	16"	14'	12'	Poor	
54 Not onsite						
55 Thrinax radiata	Thatch palm	5"	10'	12'	Good	3'
56 Thrinax radiata	Thatch palm	4"	22'	6'	Good	3'
57 Thrinax radiata	Thatch palm	3"	8'	8'	Good	3'
58 Thrinax radiata	Thatch palm	5"	8'	8'	Good	3'
59 Thrinax radiata	Thatch palm	6"	12'	10'	Good	3'
60 Thrinax radiata	Thatch palm	5"	10'	8'	Good	3'
61 Thrinax radiata	Thatch palm	5"	22'	6'	Good	3'
62 Thrinax radiata	Thatch palm	5"	22'	5'	Good	3'
63 Coccoloba species		5"	6'	4'	Good	3'
64 Thrinax radiata	Thatch palm	3"	22'	4'	Good	3'
65 Thrinax radiata	Thatch palm	3"	22'	4'	Good	3'
66 Thrinax radiata	Thatch palm	3"	22'	4'	Good	3'
67 Thrinax radiata	Thatch palm	6"	12'	10'	Good	3'
68 Thrinax radiata	Thatch palm	5"	7'	8'	Good	3'
69 Calophyllum inophyllum	Beauty leaf	54"	35'	70'	Good	25'
70 Calophyllum inophyllum	Beauty leaf	45"	35'	60'	Good	25'
71 Ptychosperma elegans	Solitare palm	3"	15'	10'	Good	3'
72 Ptychosperma elegans	Solitare palm	2"	18'	6'	Good	3'
73 Ptychosperma macarthurii	Macarthus palm	21"	22'	18'	Good	3'
74 Coccoloba uvifera	Seagrape	42"	30'	45'	Moderate	18'
74a Adonidia merrillii	Christmas palm	6"	22'	8'	Good	3'