

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
DISH = 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
NAVAL = 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
SFWMD = 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
Ø = DIAMETER
± = MORE OR LESS

LEGAL DESCRIPTION:

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

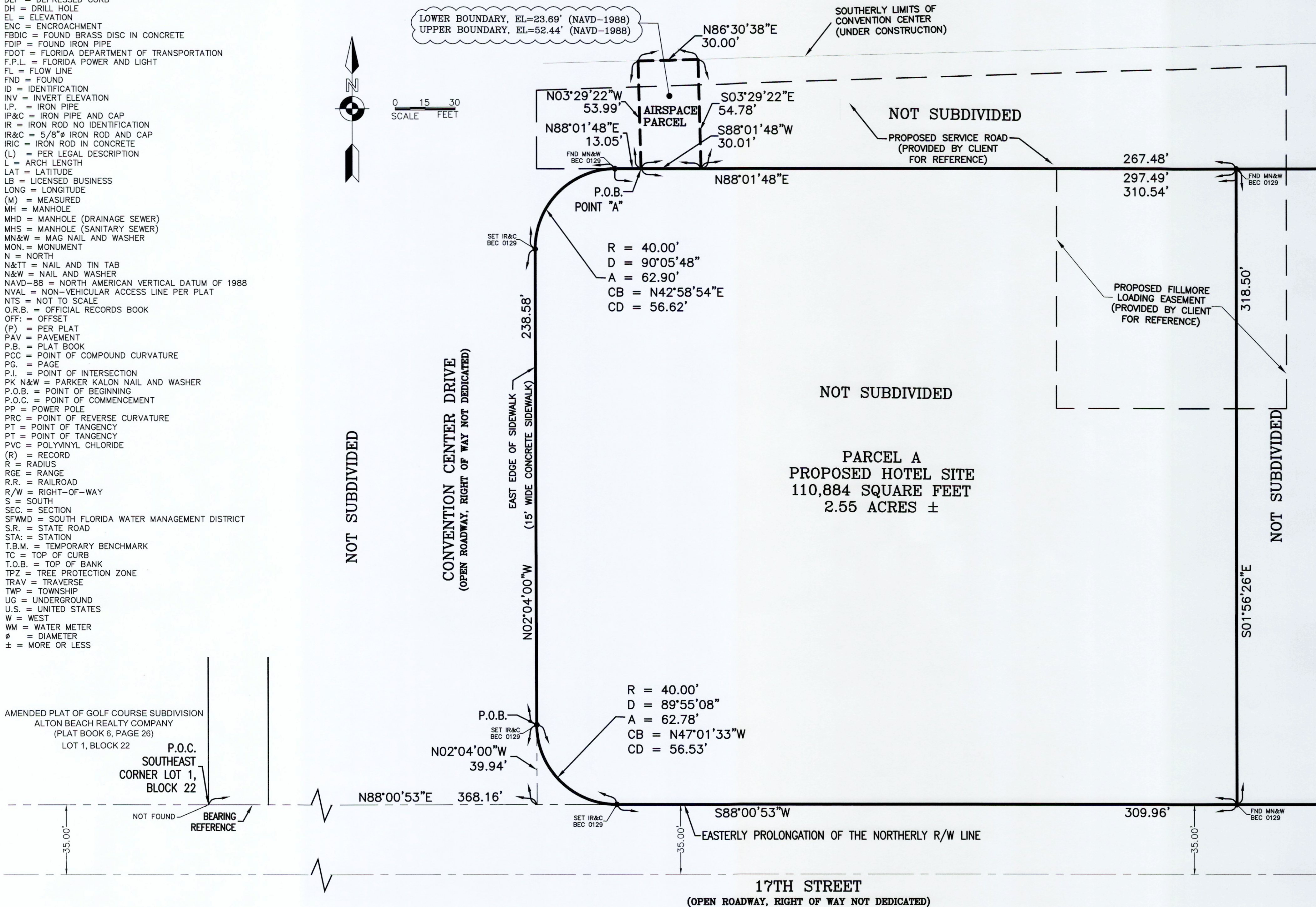
COMMENCE AT THE SOUTHEAST CORNER OF LOT 1, BLOCK 22, ACCORDING TO THE AMENDED PLAT OF GOLF COURSE SUBDIVISION OF THE ALTON BEACH REALTY COMPANY, AS RECORDED IN PLAT BOOK 6, PAGE 26, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA; THENCE N88°00'53"E, ALONG THE EASTERLY PROLONGATION OF THE NORTHERLY 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; THENCE CONTINUE N88°01'48"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°00'53"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.

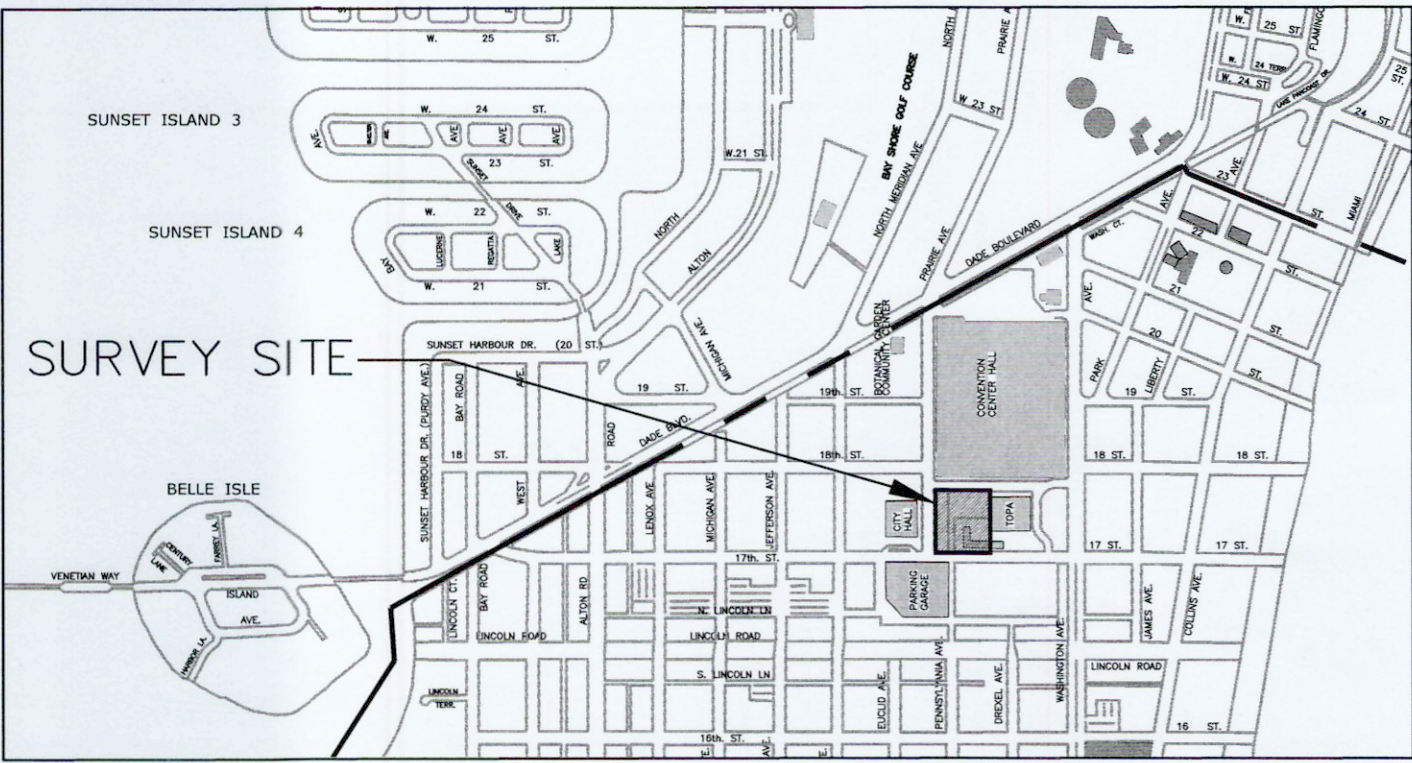
TOGETHER WITH:

AN AIRSPACE PARCEL BEING A PARCEL OF LAND LYING IS 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".



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



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:
 - 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.
 - 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 03-83600 (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-2014J"), PROVIDED TO BEC ON 04/25/2018.

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, PSM, for the Firm
Professional Surveyor and Mapper
No.7218
State of Florida

SURVEY DATE: 04/30/19

File Path: P:\SURVEY\PROJECTS\BEC0007\BEC007 TERRA 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

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
PLANNERS
SINCE 1888
MIAMI-DADE
529 W. FLAGLER ST. MIAMI, FL 33130
TEL (305) 324-7671 FAX (305) 324-8869

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)

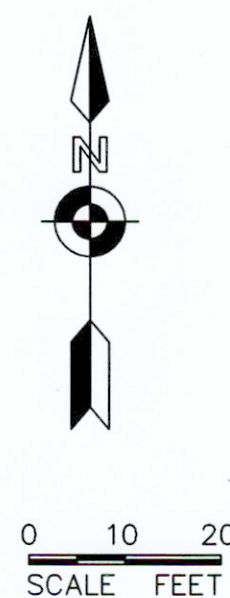
ACCEPTED BY:
BRIAN T. BELLINO, P.S.M.
CITY SURVEYOR MANAGER

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.

NO DATE REVISION APP'D BY

BOUNDARY AND TOPOGRAPHIC SURVEY

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



0 10 20
SCALE FEET

R = 40.00'
D = 90°05'48"
A = 62.90'
CB = N42°58'54"E
CD = 56.62'

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

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SHALL NOT BE CONSIDERED FULL, VALID, AND COMPLETE
UNLESS EACH SHEET IS ATTACHED TO THE OTHERS.

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)

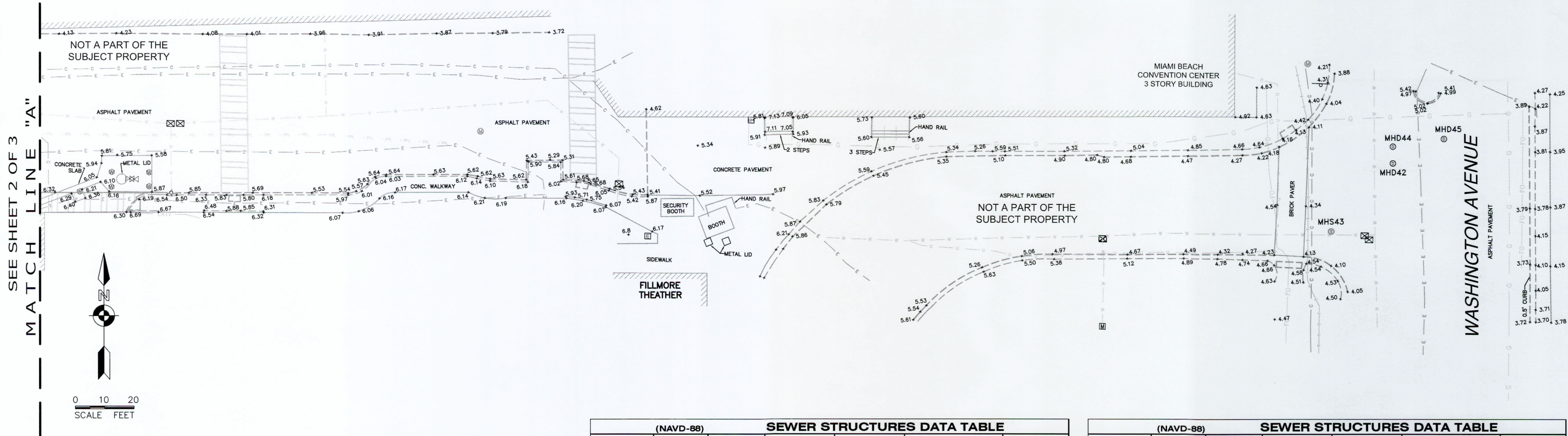
ACCEPTED BY:
BRIAN T. BELLINO, P.S.M.
CITY SURVEYOR MANAGER

NO.	DATE	REVISION
1	04/30/2019	UPDATED BOUNDARY & TOPOGRAPHIC SURVEY
2	01/04/2019	TREE TABLE FROM ARBORIST INCORPORATED
1	12/12/2018	PREPARED BOUNDARY & TOPOGRAPHIC SURVEY

File Path: P:\SURVEY\PROJECTS\86392-MASTER TERRA 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

MATCH LINE
SEE SHEET 3 OF 3

BOUNDARY AND TOPOGRAPHIC SURVEY



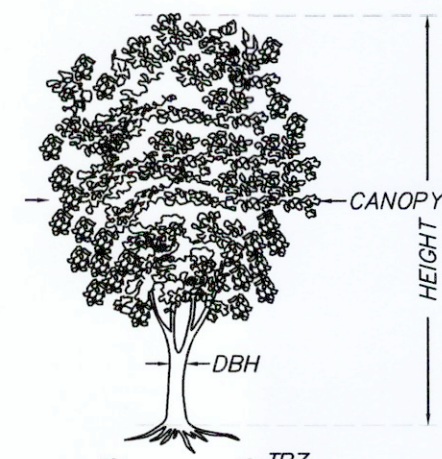
LEGEND:

- 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:



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(NAVD-88) SEWER STRUCTURES DATA TABLE						
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
		4.28	0.04	18	PVC	SOUTH
		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
CB5	3.36	5.60	-2.24	18	PVC	NORTH
		5.50	-2.14	18	PVC	SOUTHEAST
CB6	2.67	8.75	-5.39			BOTTOM
		4.35	-1.68	18	PVC	NORTH
CB7	3.86	7.69	-5.02			BOTTOM
		4.36	-0.50	18	PLASTIC	NORTH
MHD8	2.89	4.45	-0.59	18	PLASTIC	SOUTH
		6.93	-3.07			BOTTOM
		4.25	-1.36	N/A	N/A	NORTHEAST
MHD9	2.61	3.79	-0.90	4	PVC	EAST
		4.69	-1.80	18	CONC.	WEST
		4.70	-1.81			BOTTOM
MHS10	2.74	3.05	-0.44	18	CONC.	WEST
		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
		3.30	-0.74	12	CLAY	EAST
MHS12	2.66	3.70	-1.14			BOTTOM
		2.40	0.26	12	CLAY	EAST
		4.00	-1.34	12	CLAY	WEST
MHD13	2.82	2.28	0.54	10	CLAY	EAST
		2.30	0.52	10	CLAY	WEST
		6.30	-3.48			BOTTOM
MHD16	2.54	1.80	0.74	12	CLAY	WEST
		2.35	0.19			BOTTOM
CB17	2.28	2.15	0.13	8	CLAY	NORTH
		2.20	0.08			BOTTOM
MHD18	2.70	4.46	-1.76	18	CLAY	EAST
		6.55	-3.85			BOTTOM
CB19	2.09	1.94	0.15	8	CLAY	EAST
		2.15	-0.06	8	CLAY	SOUTH
		2.52	-0.43			BOTTOM
CB20	2.07	1.65	0.42	10	PVC	NORTH
		1.70	0.37			BOTTOM
MHS21	2.76					JUNCTION BOX
		6.65	-3.89			BOTTOM
MHD22	2.91					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
		2.51	-0.11			BOTTOM
MHS24	4.19	5.18	-0.99	24	CONC.	SOUTH
		5.18	-0.99			BOTTOM
CB25	3.53					FLOODED WITH GARBAGE

(NAVD-88) SEWER STRUCTURES DATA TABLE						
STRUCTURE NUMBER	RIM ELEV (FEET)	DEPTH (FEET)	INVERT ELEV (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
		9.52	-5.88	36	PLASTIC	NORTH
MHD28	3.64	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
		4.68	0.15	18	PVC	WEST
MHS34	5.36	4.20	1.16	12	CONC.	NORTH
		4.26	1.10	12	CONC.	WEST
CB35	3.94	4.80	-0.86	24	PLASTIC	EAST
		4.90	-0.96	24	PLASTIC	WEST
		6.00	-0.42	8	CLAY	NORTH
CB36	5.58	6.10	-0.05	12	CLAY	EAST
		6.15	-0.57	12	CLAY	WEST
		6.17	-0.59			BOTTOM
MHD37	6.03	4.85	1.18	8	CLAY	EAST
		4.00	2.03	12	CLAY	WEST
		4.76	1.27			BOTTOM
MHS38	3.02	4.65	-1.63	12	CLAY	SOUTHEAST
		4.28	-1.26	4	CLAY	SOUTH
MHS39	2.95	4.91	-1.96	24	CLAY	EAST
		4.62	-1.67	24	CLAY	WEST
		5.00	-2.05	12	PVC	NORTHWEST
MHD40	4.35	6.56	-2.21	36	PLASTIC	NORTH
		7.95	-3.60	36	PLASTIC	EAST
		6.60	-2.25	18	PVC	SOUTH
MHD41	4.65	6.02	-1.67	36	PLASTIC	WEST
		11.45	-7.10			BOTTOM
		10.63	-5.98	36	PLASTIC	NORTH
MHD42	4.79	10.95	-6.30	36	PLASTIC	SOUTH
		14.34	-9.69	36	PLASTIC	WEST
		14.52	-9.87			BOTTOM
MHS43	4.49	7.45	-2.66	24	PLASTIC	NORTH
		7.39	-2.60			BOTTOM
		11.60	-7.11	60	CONC.	NORTH
MHD44	4.841	12.00	-7.51	60	CONC.	SOUTH
		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
MHS45	4.88	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 recinata	Senegal date palm	5"	18'	12'	Moderate	5'
2 Chrysophyllum oliviforme	Satin leaf	7"	14'	14'	Poor	
3 Phoenix recinata	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 recinata	Senegal date palm	28"	18'	25'	Good	4'
12 Plumeria rubra	Frangipani	5"	14'	12'	Good	4'
13 Phoenix recinata	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 Cocoloba diversifolia	Pigeon plum	21"	18'	18'	Good	6'
33 Cocoloba diversifolia	Pigeon plum	7"	15'	15'	Good	4'
34 Cocoloba 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 Dyspis lutescens	Areca palm	35"	10'	16'	Poor	
48 Dyspis lutescens	Areca palm	6"	12'	0'	Dead	
49 Dyspis lutescens	Areca palm	33"	14'	15'	Poor	
50 Dyspis lutescens	Areca palm	8"	15'	10'	Poor	
51 Dyspis lutescens	Areca palm	18"	15'	10'	Poor	
52 Dyspis lutescens	Areca palm	36"	17'	18'	Poor	
53 Dyspis 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 Cocothrinax 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	Solitaire palm	3"	15'	10'	Good	3'
72 Ptychosperma elegans	Solitaire palm	2"	18'	6'	Good	3'
73 Ptychosperma macarthurii	Macarthus palm	21"	22'	18'	Good	3'
74 Cocoloba uvifera	Seagrape	42"	30'	45'	Moderate	18'
74a Adonidia merrillii	Christmas palm	6"	22'	8'	Good	3'
75 Adonidia merrillii	Christmas palm	5"	12'	8'	Good	3'
76 Thrinax radiata	Thatch palm	6"	15'	12'	Good	3'
77 Thrinax radiata	Thatch palm	3"	18'	10'	Good	3'
78 Thrinax radiata	Thatch palm	4"	18'	10'	Good	3'
79 Thrinax radiata	Thatch palm	4"	18'	8'	Good	3'
80 Thrinax radiata	Thatch palm	7"	15'	14'	Good	3'
81 Capparis cynophallophora	Jamaican caper	10"	14'	14'	Poor	
82 Ilex cassine	Dahoon holly	10"	15'	12'	Moderate	5'
83 Roystonea regia	Royal palm	17"	25'	22'	Good	5'
84 Phoenix roebelenii	Pygmy date palm	3"	8'	6'	Good	3'
85 Phoenix roebelenii	Pygmy date palm	4"	8'	8'	Good	3'
86 Phoenix roebelenii	Pygmy date palm	4"	8'	8'	Good	3'
87 Phoenix roebelenii	Pygmy date palm	4"	8'	8'	Good	3'
88 Phoenix roebelenii	Pygmy date palm	5"	7'	10'	Good	3'
89 Phoenix roebelenii	Pygmy date palm	4"	6'	8'	Good	3'
90 Phoenix roebelenii	Pygmy date palm	4"	8'	8'	Good	3'
91 Phoenix roebelenii	Pygmy date palm	4"	9'	6'	Good	3'
92 Swietenia mahagoni	Mahogany	10"	28'	28'	Good	15'
93 Swietenia mahagoni	Mahogany	25"	35'	55'	Good	18'
94 Quercus virginiana	Live oak	8"	24'	25'	Poor	
95 Tabebuia heterophylla	Pink trumpet tree	10"	28'	16'	Good	8'
TREE TABLE PREPARED BY ARBORIST:		Jeff Shmonski President, Tropical Designs of Florida, Inc. Member, American Society of Consulting Arborists ISA Certified Arborist Municipal Specialist FL-1052AM IAA Tree Risk Assessment Qualification LIAF Florida Certified Landscape Inspector - 2016-0175				
TABLE PROVIDED BY CLIENT (SEE SURVEYOR'S NOTES)						