

P:\Cities_Villages_Towns\Margate\22-2265-V-01-LEGEND.dwg, 6/13/2022 5:20:19 PM, mnavella, i:2

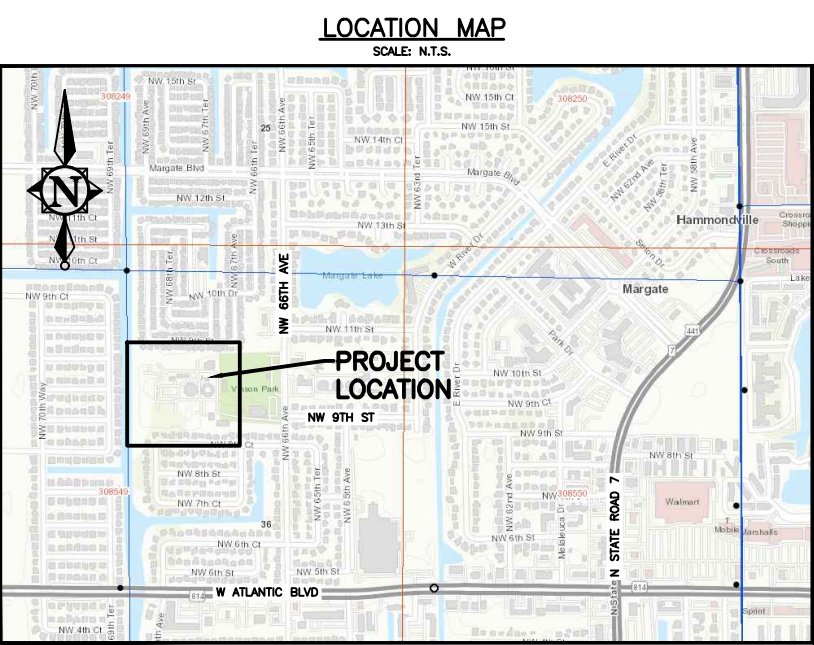
GENERAL ABBREVIATIONS	
ABRV	DESCRIPTION
A/C	AIR CONDITION PAD
BOTT	BOTTOM
(C)	CALCULATED
CIP	CAST IRON PIPE
CL	CENTER LINE
CONC	CONCRETE
(D)	DEED/DESCRIPTION
DIP	DUCTILE IRON PIPE
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EXIST	EXISTING
FF	FINISHED FLOOR
FND	FOUND
FPL	FLORIDA POWER & LIGHT
GE	GRATE ELEVATION
HDPE	HIGH DENSITY POLYETHYLENE
IE	INVERT ELEVATION
IR	IRON ROD
IRC	IRON ROD AND CAP
IP	IRON PIPE
L	ARC LENGTH
LB	LICENSED BUSINESS
LF	LINEAR FEET
(M)	MEASURED
MND	MAGNETIC NAIL AND DISC
NTS	NOT TO SCALE
ORB	OFFICIAL RECORDS BOOK
(P)	PLAT
PB	PLAT BOOK
PC	POINT OF CURVATURE
PG	PAGE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RE	RIM ELEVATION
R/W	RIGHT OF WAY
TOB	TOP OF BANK
TOE	TOE OF SLOPE
TOP	TOP OF PIPE
TYP	TYPICAL
Δ	DELTA
BCR	BROWARD COUNTY RECORDS
26-45-89 SECTION-TOWNSHIP-RANGE	

GENERAL SYMBOL LEGEND				
SYM.	DESCRIPTION	SYM.	DESCRIPTION	
CONTROL		AERIAL TARGET		TELEPHONE JUNCTION BOX
		BENCH MARK		TELEPHONE RISER
		IRON PIPE		TELEPHONE MANHOLE
		IRON ROD		FIBER OPTIC CABLE MARKER
		NAIL & DISC		CATV RISER
		IRON ROD AND CAP		TELEPHONE MARKER
ELECTRICAL		ELECTRIC MANHOLE		BACKFLOW PREVENTOR
		ELECTRICAL OUTLET		FIRE HYDRANT
		GROUND LIGHT		SIAMESE CONNECTION
		ELECTRIC JUNCTION BOX		WATER METER
		ELECTRIC METER		WATER VALVE
		TRAFFIC CONTROL BOX		WATER SPIGOT
POLES		ELECTRICAL RISER		IRRIGATION CONTROL VALVE
		TRANSFORMER		IRRIGATION METER
		CROSSWALK POST		GENERIC TREE (TRG)
		GUY WIRE		OAK TREE (TRO)
		LIGHT POLE		PINE TREE (TRP)
		CONCRETE UTILITY POLE		PALM TREE (TRPL)
SAN SWR		WOOD UTILITY POLE		BORING HOLE
		CLEAN OUT		METER (UNKNOWN)
		SANITARY MANHOLE		BOLLARD
		STUB OUT		COLUMN
		STAND PIPE		MAIL BOX
		SEWER VALVE		FLAG POLE
STORM		CATCH BASIN		MANHOLE (UNKNOWN)
		STORM DRAIN MANHOLE		SATELLITE DISH
		YARD DRAIN		SIGN
		CURB INLET		PARKING METER
		CURB INLET W/ MANHOLE		POST
		CURB INLET W/ GRATE		HAND HOLE
GAS / FUEL		CI W/ MANHOLE & GRATE		GATE POST
		GAS METER		TRASH CAN
		GAS MANHOLE		BIKE RACK
		GAS VALVE		CONCRETE
		MONITORING WELL		BRICK PAVERS
		GAS MARKER		STONE
TELE/ TV		VENT PIPE		ASPHALT
				DIRT/SAND

STANDARD LINETYPES		SYMBOL DESCRIPTION	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
----	BASELINE	BT	BURIED TELEPHONE
----	PARCEL LINE	BT	BURIED TELEPHONE
----	BOUNDARY LINE	BT	BURIED TELEPHONE
----	EASEMENT LINE	BT	BURIED TELEPHONE
----	LOT LINE	BT	BURIED TELEPHONE
----	RIGHT OF WAY LINE	BT	BURIED TELEPHONE
----	CENTER LINE	BT	BURIED TELEPHONE
----	SECTION LINE	BT	BURIED TELEPHONE
----	LANDSCAPE/TREE LINE	BT	BURIED TELEPHONE
----	EDGE OF WATER	BT	BURIED TELEPHONE
----	RAILROAD TRACKS	BT	BURIED TELEPHONE
----	PLAT LINE	BT	BURIED TELEPHONE
----	CURB & GUTTER	BT	BURIED TELEPHONE
----	FENCE LINE	BT	BURIED TELEPHONE
----	GUARD RAIL	BT	BURIED TELEPHONE
----	UNKNOWN UTILITY	BT	BURIED TELEPHONE
----	ABANDONED UTILITY	BT	BURIED TELEPHONE
----	NON FIELD VERIFIED UTILITY	BT	BURIED TELEPHONE
----	BURIED CABLE TV	BT	BURIED TELEPHONE
----	BURIED COMMUNICATIONS LINE	BT	BURIED TELEPHONE
----	FIBER OPTIC CABLE	BT	BURIED TELEPHONE
----	BURIED TELEPHONE	BT	BURIED TELEPHONE

SURVEYOR'S NOTES:	
1.	REPRODUCTIONS OF THIS SURVEY ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
2.	NO SEARCH OF THE PUBLIC RECORDS WAS UNDERTAKEN FOR EASEMENTS, RIGHTS OF WAYS, RESTRICTIONS OR OTHER RECORDED OR EVIDENCE OF UNRECORDED DOCUMENTS BY THIS FIRM.
3.	BEARINGS SHOWN HEREON ARE RELATIVE TO THE WEST LINE OF MARGATE COMPLEX, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 172, PAGE 45, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, (SHOWN TO BEAR NORTH 01° 03' 11" WEST) AND ALL OTHER BOUNDARY LINES ARE RELATIVE THERETO.
4.	ELEVATIONS SHOWN HEREON ARE RELATIVE TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88) AND ARE BASED ON NATIONAL GEODETIC SURVEY PUBLISHED BENCHMARK MONUMENT H 665 (ELEVATION 12.81') AND BROWARD COUNTY PUBLISHED BENCHMARK 6063 (ELEVATION 14.47')
5.	PARCEL IS LOCATED IN FLOOD ZONE X AS PER FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 12011C 0355 H, EFFECTIVE DATE: AUGUST 18, 2014.
6.	THERE MAY BE UNDERGROUND "FOOTINGS", DRAINAGE, UTILITIES, ETC. NOT SHOWN OR INDICATED HEREON.
7.	THE ACCURACY OF THIS SURVEY IS PREMISED ON THE EXPECTED USE OF THE SURVEY. THE EXPECTED USE/PREMISE OF THIS SURVEY IS TO PROVIDE A BOUNDARY AND TOPOGRAPHIC SURVEY FOR THE DESIGN OF FUTURE IMPROVEMENTS WITHIN THE WASTEWATER TREATMENT PLANT SITE. A TRIMBLE R8 GNSS INSTRUMENT WITH TRIMBLE TSC-3 DATA COLLECTION WAS UTILIZED TO ESTABLISH HORIZONTAL SURVEY CONTROL. A LEICA P-30 HIGH DEFINITION SCANNER WAS UTILIZED TO COLLECT DATA IN THE HORIZONTAL AND VERTICAL PLANES. THE METHODS USED TO ESTABLISH OR RECOVER SURVEY CONTROL POINTS MEETS OR EXCEEDS THE MINIMUM REQUIREMENTS SET FORTH IN THE FLORIDA STANDARDS OF PRACTICE FOR SURVEYORS AND MAPPERS.
8.	THE LEGAL DESCRIPTION SHOWN HEREON WAS PREPARED BY THE SURVEYOR.
9.	ALL SYMBOLS SHOWN HEREON ARE FOR REPRESENTATIONAL PURPOSES ONLY AND ARE NOT TO SCALE.
10.	THE DIGITAL DATA PROVIDED IS INTENDED TO BE VIEWED AT A SCALE OF 1" = 30' ON A STANDARD 24" X 36" SHEET.
11.	ALL DISTANCES AND ELEVATIONS SHOWN HEREON ARE IN ACCORD WITH THE UNITED STATES STANDARD USING FEET AND DECIMALS THEREOF.

LEGAL DESCRIPTION:	
BEING A PORTION OF SECTION 36, TOWNSHIP 48 SOUTH, RANGE 41 EAST, BROWARD COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:	
BEGIN AT THE NORTHWEST CORNER OF PARCEL A, MARGATE COMPLEX, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 172, PAGE 45, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA;	
THENCE SOUTH 01° 03' 11" EAST ALONG THE WEST LINE OF SAID PARCEL A, A DISTANCE OF 100.04 FEET;	
THENCE SOUTH 89° 28' 27" EAST ALONG SAID WEST LINE, A DISTANCE OF 40.02 FEET;	
THENCE SOUTH 01° 03' 11" EAST ALONG SAID WEST LINE, A DISTANCE OF 570.11 FEET TO THE NORTH LINE OF MARGATE SIXTH ADDITION, SECTION TWO, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 55, PAGE 10, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA;	
THENCE NORTH 89° 35' 10" WEST ALONG SAID NORTH LINE, A DISTANCE OF 794.62 FEET TO THE EAST RIGHT OF WAY LINE OF THE STRANAHAN RIVER;	
THENCE NORTH 01° 02' 43" WEST ALONG SAID EAST RIGHT OF WAY LINE, A DISTANCE OF 671.70 FEET TO THE SOUTHWEST CORNER OF PARADISE GARDENS, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 67, PAGE 37, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA;	
THENCE SOUTH 89° 28' 27" EAST ALONG THE SOUTH LINE OF SAID PARADISE GARDENS, A DISTANCE OF 754.55 FEET TO THE POINT OF BEGINNING.	
SAID LANDS SITUATE IN THE CITY OF MARGATE, BROWARD COUNTY, FLORIDA, CONTAINING 12.14 ACRES, MORE OR LESS.	



DIGITAL SIGNATURE:	
THIS DOCUMENT WAS DIGITALLY SIGNED BY THE SURVEYOR ON THE DATE SHOWN. PRINTED COPIES OF THE DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE DIGITAL SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.	
SURVEYORS CERTIFICATE:	
I HEREBY CERTIFY THAT THIS SURVEY IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF AND MEETS APPLICABLE SECTIONS OF THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES, SUBJECT TO QUALIFICATIONS NOTED HEREON.	
FOR THE FIRM BY: ROBERT D. KEENER PROFESSIONAL SURVEYOR & MAPPER FLORIDA REGISTRATION NO. 4846	
FIELD DATE: 05/04/22	
SIGNATURE DATE: _____	

3	06/23/22	N/A	MRL	UPDATE SURVEY PER CLIENT	RDK
3	06/13/22	N/A	MRL	UPDATE SURVEY PER CLIENT	RDK
2	05/16/22	N/A	MRL	ADD TOPOGRAPHIC DETAIL SHEET	RDK
1	04/28/22	N/A	MRL	MAP OF BOUNDARY AND TOPOGRAPHIC SURVEY	RDK
NO.	DATE	FB / PG	DWN	REVISION	CKD

PREPARED FOR	
CITY OF MARGATE	

CRAIG A. SMITH & ASSOCIATES	
CONSULTING ENGINEERS-PLANNERS-SURVEYORS	
21045 COMMERCIAL TRAIL BOCA RATON, FLORIDA 33486 (561) 314-4445 CERTIFICATE. NO. LB0003110	

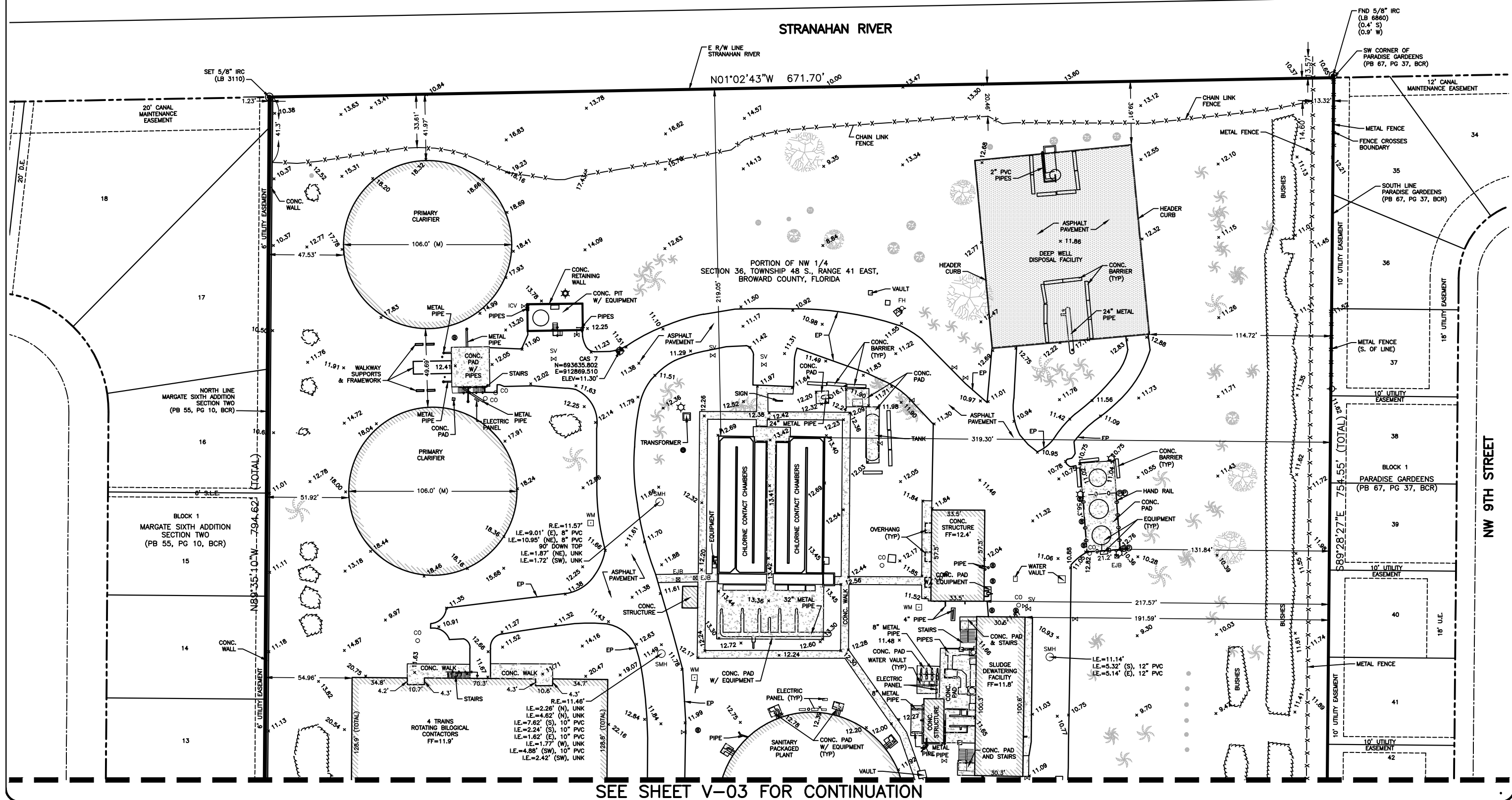
MAP OF BOUNDARY AND TOPOGRAPHIC SURVEY	
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CITY OF MARGATE WEST WASTEWATER TREATMENT PLANT LEGEND	
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FILE NAME: 20-2265-V-01-LEGEND.dwg LAST SAVED: 06/13/22 - 8:32am	
CASS PROJECT NUMBER 22-2265	

SHEET V-01	
OF 04	

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SEE SHEET V-03 FOR CONTINUATION

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1	04/28/22	N/A	MRL	MAP OF BOUNDARY AND TOPOGRAPHIC SURVEY	RDK
NO.	DATE	FB / PG	DWN	REVISION	CKD

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BOCA RATON, FLORIDA 33486
(561) 314-4445
CERTIFICATE NO. LB00031110

**MAP OF
BOUNDARY AND
TOPOGRAPHIC SURVEY**

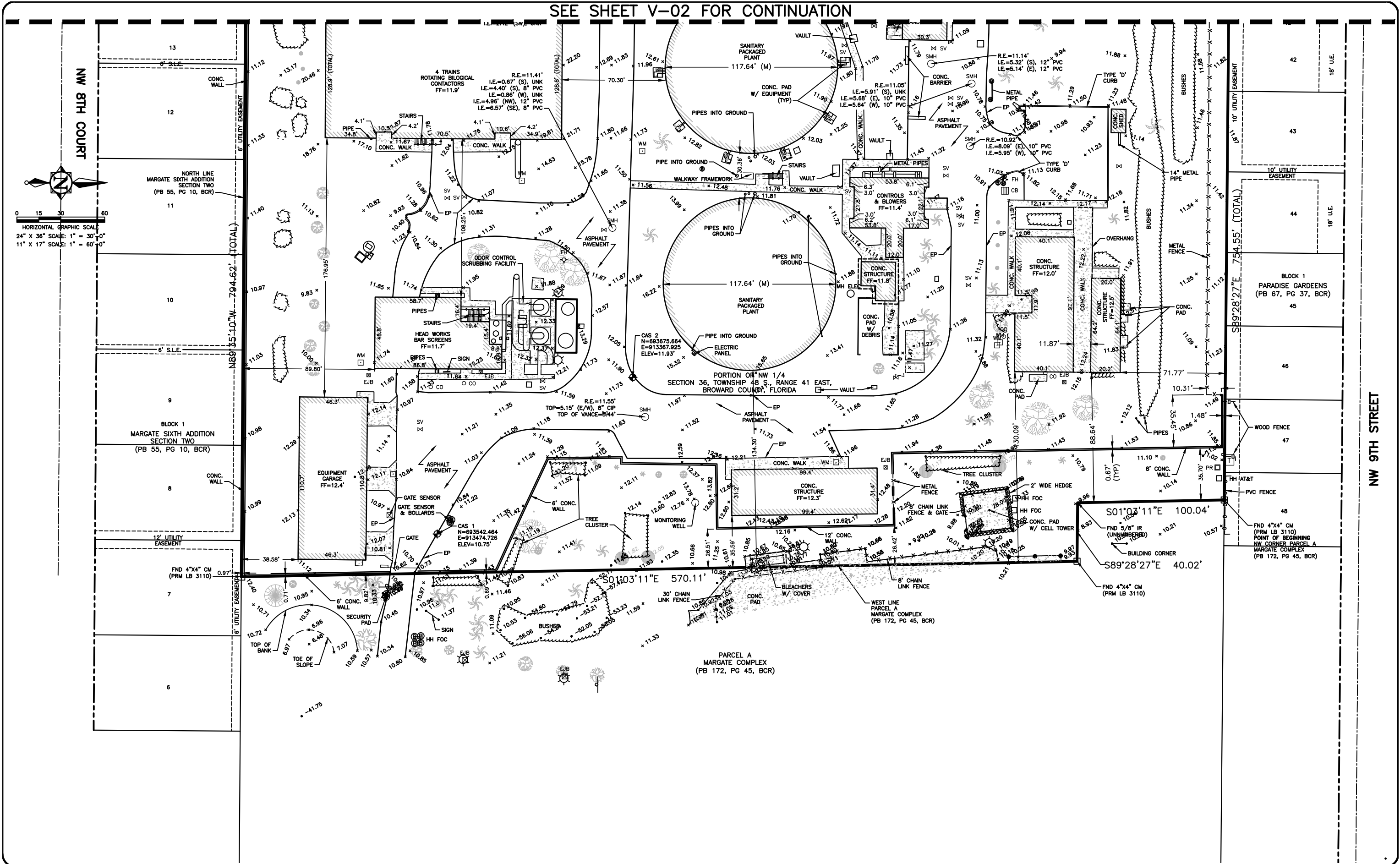
**CITY OF MARGATE
WEST WASTEWATER
TREATMENT PLANT**

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LAST SAVED: 06/13/22 - 10:51am
CASS PROJECT NUMBER
22-2265

SHEET
V-02
OF
04

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SEE SHEET V-02 FOR CONTINUATION



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1	04/28/22	N/A	MRL	MAP OF BOUNDARY AND TOPOGRAPHIC SURVEY	RDK
NO.	DATE	FB / PG	DWN	REVISION	CKD

CITY OF MARGATE

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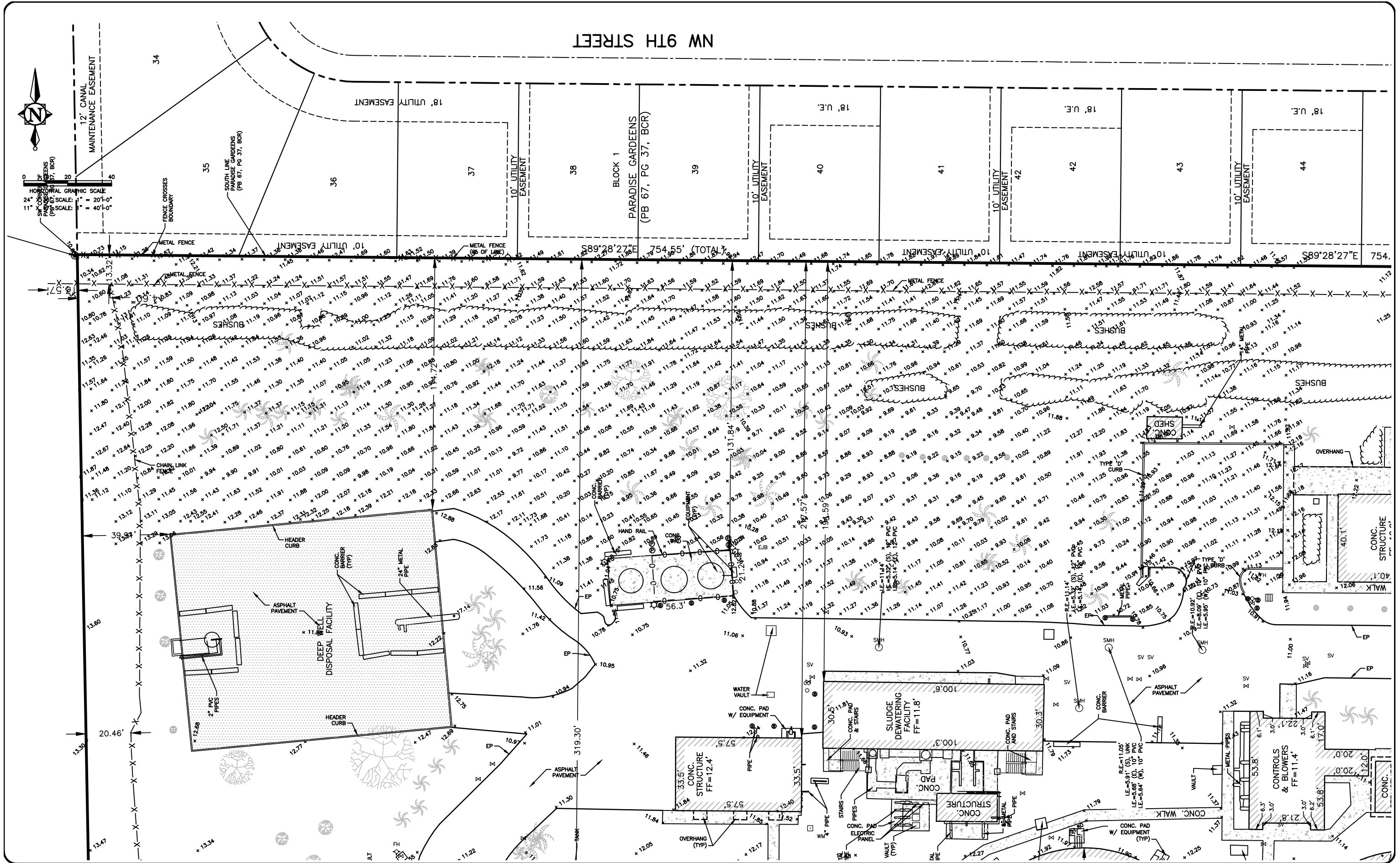
MAP OF
BOUNDARY AND
TOPOGRAPHIC SURVEY

CITY OF MARGATE
WEST WASTEWATER
TREATMENT PLANT

FILE NAME: 20-2265-V-03-SRV.dwg
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CASS PROJECT NUMBER
22-2265

SHEET
V-03
OF
04

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2	05/16/22	N/A	MRL	ADD TOPOGRAPHIC DETAIL SHEET	RDK
1	04/28/22	N/A	MRL	MAP OF BOUNDARY AND TOPOGRAPHIC SURVEY	RDK

CITY OF MARGATE

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CERTIFICATE NO. LB00031110

MAP OF
BOUNDARY AND
TOPOGRAPHIC SURVEY

CITY OF MARGATE
WEST WASTEWATER
TREATMENT PLANT
TOPOGRAPHIC DETAIL SHEET

FILE NAME: 20-2265-V-04-SRV.dwg
LAST SAVED: 06/13/22 - 11:14am
CASS PROJECT NUMBER
22-2265

SHEET
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OF
04