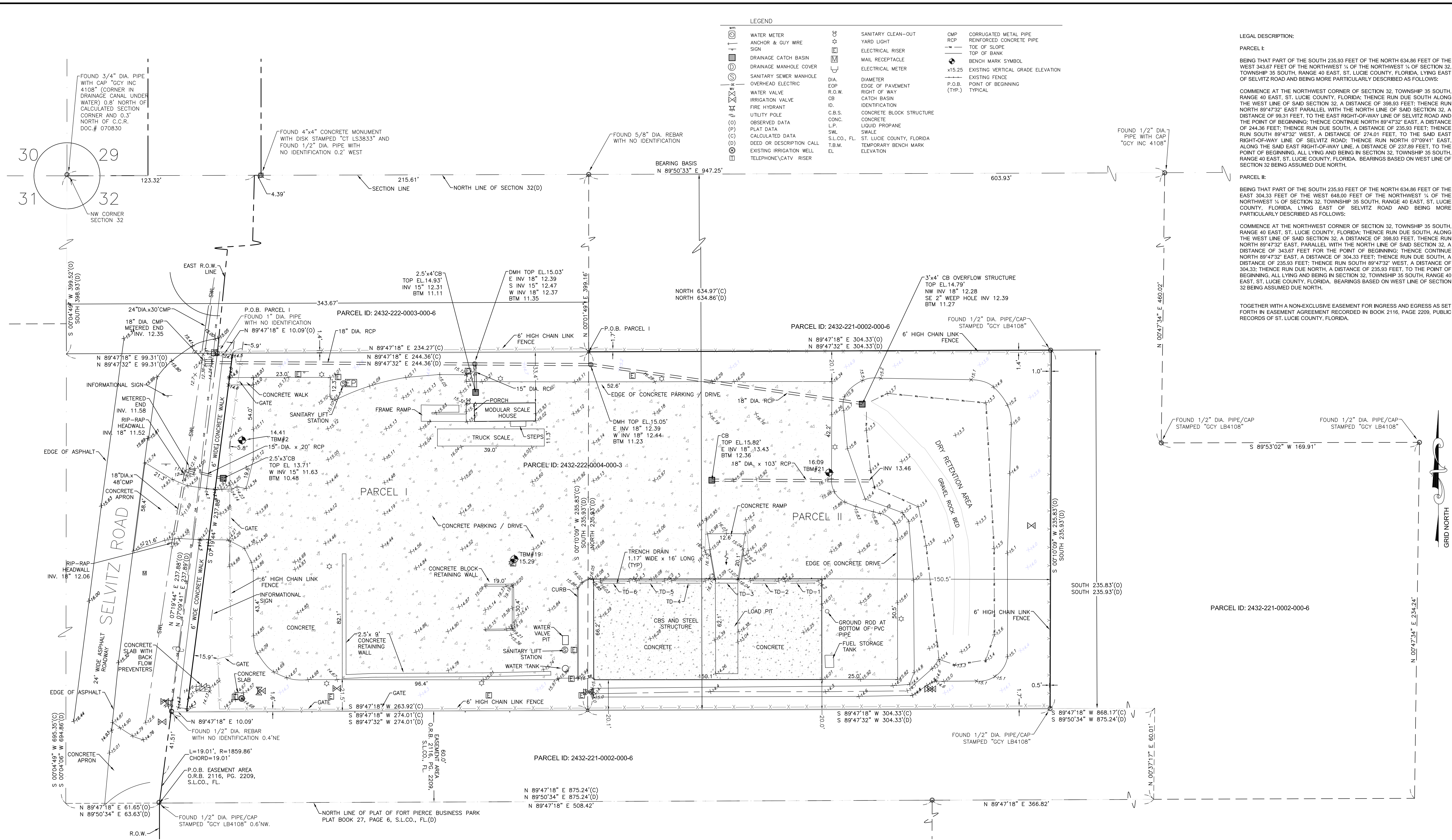


16-0107



LEGEND

WATER METER	SANITARY CLEAN-OUT	CMP	CORRUGATED METAL PIPE
ANCHOR & GUY WIRE SIGN	YARD LIGHT	RCP	REINFORCED CONCRETE PIPE
DRAINAGE CATCH BASIN	ELECTRICAL RISER	---	TOE OF SLOPE
DRAINAGE MANHOLE COVER	MAIL RECEPTACLE	○	TOP OF BANK
SANITARY SEWER MANHOLE OVERHEAD ELECTRIC	ELECTRICAL METER	⊙	BENCH MARK SYMBOL
WATER VALVE	DIA.	x15.25	EXISTING VERTICAL GRADE ELEVATION
IRRIGATION VALVE	EDG	---	EXISTING FENCE
FIRE HYDRANT	R.O.W.	---	P.O.B. POINT OF BEGINNING (TYP.)
UTILITY POLE	CB	---	TYPICAL
OBSERVED DATA	ID.	---	
PLAT DATA	C.B.S.	---	
CALCULATED DATA	CONC.	---	
DEED OR DESCRIPTION CALL	L.P.	---	
EXISTING IRRIGATION WELL	SWL	---	
TELEPHONE/CATV RISER	S.L.C.O., FL.	---	
	T.B.M.	---	
	EL	---	

LEGAL DESCRIPTION:
 PARCEL I:
 BEING THAT PART OF THE SOUTH 235.93 FEET OF THE NORTH 634.86 FEET OF THE WEST 343.67 FEET OF THE NORTHWEST 1/4 OF SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA, LYING EAST OF SELVITZ ROAD AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 COMMENCE AT THE NORTHWEST CORNER OF SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA; THENCE RUN DUE SOUTH ALONG THE WEST LINE OF SAID SECTION 32, A DISTANCE OF 398.93 FEET; THENCE RUN NORTH 89°47'32" WEST, A DISTANCE OF 274.01 FEET, TO THE SAID EAST RIGHT-OF-WAY LINE OF SELVITZ ROAD; THENCE RUN NORTH 07°09'41" EAST, ALONG THE SAID EAST RIGHT-OF-WAY LINE, A DISTANCE OF 237.89 FEET, TO THE POINT OF BEGINNING, ALL LYING AND BEING IN SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA. BEARINGS BASED ON WEST LINE OF SECTION 32 BEING ASSUMED DUE NORTH.

PARCEL II:
 BEING THAT PART OF THE SOUTH 235.93 FEET OF THE NORTH 634.86 FEET OF THE EAST 304.33 FEET OF THE WEST 648.00 FEET OF THE NORTHWEST 1/4 OF SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA, LYING EAST OF SELVITZ ROAD AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 COMMENCE AT THE NORTHWEST CORNER OF SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA; THENCE RUN DUE SOUTH, ALONG THE WEST LINE OF SAID SECTION 32, A DISTANCE OF 398.93 FEET; THENCE RUN NORTH 89°47'32" EAST, PARALLEL WITH THE NORTH LINE OF SAID SECTION 32, A DISTANCE OF 343.67 FEET FOR THE POINT OF BEGINNING; THENCE CONTINUE NORTH 89°47'32" EAST, A DISTANCE OF 304.33 FEET; THENCE RUN DUE SOUTH, A DISTANCE OF 235.93 FEET; THENCE RUN SOUTH 89°47'32" WEST, A DISTANCE OF 304.33 FEET; THENCE RUN DUE NORTH, A DISTANCE OF 235.93 FEET, TO THE POINT OF BEGINNING, ALL LYING AND BEING IN SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA. BEARINGS BASED ON WEST LINE OF SECTION 32 BEING ASSUMED DUE NORTH.

TOGETHER WITH A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS AS SET FORTH IN EASEMENT AGREEMENT RECORDED IN BOOK 2116, PAGE 2209, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA.

DATE	REVISIONS
16-0107	1
	2
	3
	4
	5
	6
	7

JOB NO.	DESIGNED	DRAWN	CHECKED	DATE ISSUED	SCALE
1835 - 20TH STREET VERO BEACH, FL 32940	AFR/RT	AFR/RT	AFR/RT	MAY 2016	
PH: (772) 549-0035					
FX: (772) 778-3617					
MELBOURNE, FL - PH (321) 253-1510					
FT. PIERCE, FL - PH (772) 468-9055					

1835 - 20TH STREET
 VERO BEACH, FL 32940
 PH: (772) 549-0035
 FX: (772) 778-3617
 MELBOURNE, FL - PH (321) 253-1510
 FT. PIERCE, FL - PH (772) 468-9055

EXISTING CONDITIONS
 PLAN

FT. PIERCE
 TRANSFER STATION EXPANSION
 WASTE MANAGEMENT INC.,
 OF FLORIDA
 FT. PIERCE
 FLORIDA

DATE: AARON J. BOWLES
 P.L.E.#55313
 SHEET
 C2
 OF 6
 16-0107

SURVEYOR'S GENERAL NOTES AND REPORT:

- UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.
- THE LAST DAY OF FIELD WORK PERFORMED FOR THE INITIAL SURVEY EFFORT WAS MARCH 23, 2016. SUBSEQUENT ADDITIONS, DELETIONS AND/OR UPDATES, IF ANY, ARE REFLECTED IN THE DRAWING REVISIONS.
- BEARINGS SHOWN HEREON ARE BASED UPON THE NORTH AMERICAN DATUM OF 1983, ADJUSTMENT OF 2011, AND ARE PROJECTED IN THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE (901) AND ARE REFERENCED TO THE ESTABLISHED AND MONUMENTED LINE SHOWN HEREON LABELED AS THE "BEARING BASIS".
- UNLESS A DIFFERENCE IS SHOWN, OBSERVED AND RECORD DIMENSIONS ARE THE SAME. ALL DIMENSIONS SHOWN HEREON ARE DISPLAYED IN U.S. SURVEY FEET AND DECIMAL PARTS THEREOF.
- THE BOUNDARY DETERMINATION AND DELINEATION SHOWN ON THIS MAP OF SURVEY WAS BASED UPON THE PROFESSIONAL OPINION OF THE REGISTERED SURVEYOR PURSUANT TO NORMAL PRINCIPLES AND PRACTICES OF LAND SURVEYING AND IS NOT INTENDED TO IMPLY OR DETERMINE OWNERSHIP. THIS SURVEY DOES NOT INTEND TO DELINEATE LOCAL AREAS OF CONCERN OR ANY OTHER JURISDICTIONAL DETERMINATION.
- THIS SURVEY HAS BEEN PREPARED FOR THE EXCLUSIVE BENEFIT AND USE OF THE PERSONS AND/OR ENTITIES NAMED HEREON FOR THE PURPOSES IDENTIFIED HEREON ONLY. UNLESS OTHERWISE STATED, CERTIFICATION

OF THIS SURVEY MAP APPLIES ONLY TO THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER SJ17 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES. THE CERTIFICATION IN NO WAY CONSTITUTES NEITHER GUARANTY NOR WARRANTY TO ANY OTHER INFORMATION NOT SHOWN HEREON. ADDITIONS, DELETIONS OR REVISIONS TO THIS DRAWING BY OTHERS ARE NOT PERMITTED AND THIS SURVEY MAY NOT BE TRANSFERRED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE SIGNING SURVEYOR. THIS SURVEY IS NOT VALID FOR ANY OTHER PURPOSE OTHER THAN INTENDED BY THE SIGNING SURVEYOR.

THE LEGAL DESCRIPTION AND MATTERS OF PUBLIC RECORD WERE FURNISHED BY THE CLIENT. THIS PROPERTY(S) WAS NOT ABSTRACTED OR RESEARCHED BY THIS OFFICE FOR ENCUMBRANCES OF RECORD. THE HEREON DESCRIBED PROPERTY IS SUBJECT TO RESTRICTIONS, RESERVATIONS, EASEMENTS AND RIGHTS-OF-WAY OF RECORD, IF ANY. MATTERS OF RECORD NOT BROUGHT TO THE SURVEYOR'S ATTENTION BY THE CLIENT, THEIR AGENT OR AS DISCLOSED BY A FURNISHED TITLE INSURANCE POLICY AND NOT INCLUDED. NO INVESTIGATION WAS MADE BY THIS OFFICE INTO THE VALIDITY OF ANY EASEMENTS CITED IN THE LEGAL DESCRIPTION OR FOR ANY ENCUMBRANCES NOT OF RECORD IN THE INFORMATION FURNISHED BY THE CLIENT. A TITLE COMMITMENT OR ABSTRACT OF LAND WAS NOT FURNISHED TO THIS FIRM OR SURVEYOR.

THE EXPECTED USE OF THE LAND, AS CLASSIFIED IN THE STANDARDS OF PRACTICE (SJ17, F.A.C.) IS COMMERCIAL. THE MINIMUM RELATIVE DISTANCE ACCURACY OF BOUNDARIES FOR THIS TYPE OF SURVEY IS 1 FOOT IN 10,000 FEET. THIS SURVEY MEETS OR EXCEEDS THE STATED ACCURACY REQUIREMENT.

WITH EXCEPTION TO WHAT HAS BEEN FIELD LOCATED AND SHOWN ON THIS SURVEY, THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN HEREON COMPRISE ALL SUCH UTILITIES IN THE

AREA, EITHER IN SERVICE OR ABANDONED, SUBSURFACE AND/OR AERIAL ENCROACHMENTS, IF ANY, WERE NOT LOCATED AND/OR DEPICTED ON THIS SURVEY UNLESS NOTED OR IDENTIFIED.

10. THE HEREON DESCRIBED PROPERTY APPEARS TO LIE WITHIN FLOOD ZONE "X" (OUTSIDE 0.2% ANNUAL CHANCE OF FLOOD), AS SHOWN ON FLOOD INSURANCE RATE MAP (FIRM) NUMBER 1211C0188, PANEL 0188, SUFFIX 'J', MAP EFFECTIVE DATE FEBRUARY 16, 2012, MAP INDEX DATE FEBRUARY 16, 2012.

VERTICAL DATUM AND CONTROL NOTES:
 THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988) AND ARE DISPLAYED IN U.S. SURVEY FEET AND DECIMAL PARTS THEREOF.

ORIGINATING BENCH MARK(S) = ST. LUCIE COUNTY BENCH MARK, DISK IN CONCRETE "1999 ROGER" EL. 13.69 NAVD 1988.
 TEMPORARY BENCH MARK(S): T.B.M. #2 = TOP OF REBAR/CAP "TRAV.PT. LB205" EL. 14.41 NAVD 1988. SEE SURVEY FOR LOCATION.
 TEMPORARY BENCH MARK(S): T.B.M. #19 = TOP OF "MAG" NAIL / TAB "TRAV.PT. LB205" EL. 15.29 NAVD 1988. SEE SURVEY FOR LOCATION.
 TEMPORARY BENCH MARK(S): T.B.M. #21 = TOP OF "MAG" NAIL / TAB "TRAV.PT. LB205" EL. 16.09 NAVD 1988. SEE SURVEY FOR LOCATION.

SURVEYOR'S GLOBAL POSITIONING SYSTEM (G.P.S.) NOTES:

1. G.P.S. SURVEY METHOD: REAL TIME KINEMATIC (RTK)

2. G.P.S. RECEIVER TYPE: DUAL FREQUENCY LEICA GX 1250 AND LEICA GS 14 GPS/GLONASS GNSS (GLOBAL NAVIGATION SATELLITE SYSTEM), SBAS, CODE AND PHASE (L1 AND L2)

3. THE ORIGINAL GPS RTK MEASUREMENTS BEGAN MARCH 22, 2016 AND WERE COMPLETED ON MARCH 23, 2016. TWO LEICA DUAL FREQUENCY GPS RECEIVERS EQUIPPED WITH RT-SKI (REAL TIME MEASUREMENT CAPABILITIES) WERE USED TO GATHER GPS DATA. TYPICALLY A BASE RECEIVER IS SET UP ON AN ESTABLISHED CONTROL STATION WHILE A ROVING RECEIVER LOCATES EXISTING MONUMENTS, IMPROVEMENTS AND/OR TOPOGRAPHIC DATA AND CONTROL THROUGHOUT THE PROJECT AREA. REAL-TIME COORDINATE COMPUTATIONS AND PRECISION INFORMATION ARE DETERMINED VIA RADIO / MODEM LINK WITH THE BASE STATION AND RECORDED AS THREE DIMENSIONAL (3D) POSITIONS.

4. G.P.S. SURVEY MEASUREMENTS WERE PROCESSED AND ADJUSTED USING LEICA GEO OFFICE, VERSION 8.3

5. THE HORIZONTAL TARGET ACCURACY FOR THIS SURVEY IS AS FOLLOWS:
 HORIZONTAL: 10MM + 1PPM (RMS)
 VERTICAL: 20MM + 1PPM (RMS)

GPS CONTROL POINT (REFERENCE STATION):
 HORIZONTAL POSITIONS OF SITE CONTROL WERE ESTABLISHED UTILIZING THE FOOT FPRN "MAX" CORRECTION. LOCAL SITE CONTROL VALUES ARE NETWORK CORRECTED (ADJUSTED) POSITIONS.
 DESIGNATION - CARTER BASE 29
 STATE/COUNTY - FLORIDA/RIVER
 USGS QUAD - VERO BEACH (1983)
 NAD 83 (2011) 27°38'23.9452" (N) 80°24'10.0088" (W)
 ELEVATION: 43.69 FEET (N.A.D. 1988)
 ELLIPSOID HEIGHT - 13.9599 METERS
 DESCRIPTION - CARTER ASSOC., INC. REFERENCE STATION, 1708 21ST STREET, VERO BEACH, FLORIDA.

CERTIFIED TO:
 WASTE MANAGEMENT, INC. OF FLORIDA

