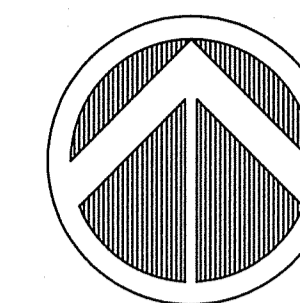


MATCHLINE - SEE BELOW

MATCHLINE SEE SHEET 2



# Map of Survey Performed For Indian River County Landfill

### BENCHMARK NOTE:

THE ELEVATIONS AS SHOWN ON THIS SURVEY ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988. THE PRIMARY BENCHMARK UTILIZED FOR THIS SURVEY IS IRC BM267009, ELEVATION 20.50'. SITE BENCHMARKS ARE AS SHOWN.

### CERTIFIED TO

- INDIAN RIVER COUNTY SOLID WASTE DISTRICT DISPOSAL DISTRICT
- KIMLEY HORN AND ASSOCIATES

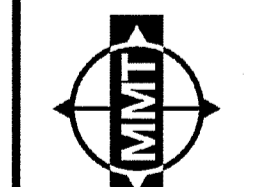
### ABBREVIATIONS AND SYMBOLS

LB	LICENSED BUSINESS NUMBER	○	OAK	⊙	SANITARY MANHOLE	—	SIGN
R/W	RIGHT OF WAY	⊙	PINE	⊙	DRAINAGE MANHOLE	☆	LIGHT POLE
CM	4X4 CONCRETE MONUMENT	⊙	PALM	⊙	WELL	⊙	MAIL OR PAPER BOX
P.U.D.E.	PUBLIC UTILITY AND DRAINAGE EASEMENT	⊙	SHRUB	⊙	HYDRANT	⊙	COMMUNICATIONS BOX
FD	FOUND	⊙	MAPLE	⊙	WATER VALVE	⊙	CABLE TV BOX
O.R.B.	OFFICIAL RECORD BOOK	⊙	CITRUS	⊙	WATER METER	⊙	POWER POLE
P.R.M.	PERMANENT REFERENCE MONUMENT	⊙	ELM	⊙	CLEANOUT	⊙	ELECTRIC BOX
P.C.P.	PERMANENT CONTROL POINT	⊙	MISC. TREE	⊙	CATCH BASIN	⊙	UTILITIES SIGN
BM	BENCHMARK	⊙	BLOW-OFF	⊙	CURB INLET	⊙	MONITORING WELL
F.F.	FINISH FLOOR ELEVATION	⊙	PULL BOX	⊙	REUSE WATER VALVE	⊙	SANITARY VALVE
R	RADIUS	⊙	GAS VALVE	⊙	IRRIGATION VALVE	⊙	TELEPHONE MANHOLE
Δ	DELTA	⊙	SEPTIC TANK	⊙	POST WOOD OR STEEL	⊙	CONCRETE POWER POLE
L	LENGTH	⊙	TILE SURFACE	⊙	YARD DRAIN	⊙	TRANSFORMER PAD
I.D.	IDENTIFICATION SECTION	⊙	SOIL BORING	⊙	PROPOSED DRAINAGE	⊙	BACK FLOW PREVENTER
TWP.	TOWNSHIP	⊙	IR	⊙	FIRE DEPARTMENT CONNECTION	⊙	SPRINKLER HEAD
RGE.	RANGE	⊙	IRC	⊙	STOP LIGHT	⊙	CONCRETE SURFACE
CHD.	CHORD	⊙	IP	⊙	REUSE WATER METER	⊙	BRICK PAVEMENT SURFACE
CHB.	CHORD BEARING CALCULATED	⊙	P.R.D.	⊙	PROPOSED ELEVATION		
(M)	MEASURED	⊙	N.D.	⊙	EXISTING ELEVATION		
(P)	PLAT	⊙	A/C				
(D)	DEED	⊙	P/E				
IR	1/2" IRON ROD		P.S.M.				
IRC	1/2" IRON ROD AND CAP		R.L.S.				
IP	3/4" IRON PIPE						
EP	EDGE OF PAVEMENT						
P.R.D.	PLANNED RESIDENTIAL DEVELOPMENT						
N.D.	NOT DETERMINED						
A/C	AIR CONDITIONING PAD						
P/E	SWIMMING POOL EQUIPMENT PAD						
P.L.S.	PROFESSIONAL LICENSED SURVEYOR						
P.S.M.	PROFESSIONAL SURVEYOR & MAPPER						
R.L.S.	REGISTERED LAND SURVEYOR						
FM	UNDERGROUND FORCE MAIN						
ML	UNDERGROUND WATER LINE						
FB	UNDERGROUND FIBER OPTIC/TELEPHONE						
SS	UNDERGROUND SANITARY SEWER						

### REPORT OF SURVEY

- TYPE OF SURVEY: TOPOGRAPHIC
- SURVEY USE: PERMITTING
- MASTELLER, MOLER & TAYLOR INC. CERTIFICATE OF AUTHORIZATION L.B. 4644 1655 27TH STREET, SUITE 2, VERO BEACH, FLORIDA 32960 PHONE (772) 564-8050 FAX (772) 794-0647
- THIS SURVEY AND REPORT IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS TO THE SURVEY MAP AND/OR REPORT OF SURVEY BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
- THE HORIZONTAL ACCURACY OF THE MEASUREMENTS OBTAINED MEETS OR EXCEEDS THE REQUIREMENTS FOR THE TYPE AND EXPECTED USE OF THIS SURVEY.
- HORIZONTAL FEATURE ACCURACY: TOPOGRAPHIC LAND FEATURES (SIGNS, INLETS, VALVES, MAILBOXES, POWER POLES, DRIVEWAYS, CULVERTS AND SIMILAR FEATURES) HAVE A HORIZONTAL FEATURE ACCURACY OF PLUS OR MINUS 0.25 FEET.
- ELEVATIONS OF WELL-IDENTIFIED FEATURES CONTAINED IN THIS SURVEY AND MAP HAVE BEEN MEASURED TO AN ESTIMATED VERTICAL POSITION ACCURACY OF PLUS OR MINUS 0.10 FEET.
- DATA ACQUISITION WAS COMPLETED ON THE FOLLOWING DATE: 1/3/2023
- NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHTS-OF-WAY AND/OR OWNERSHIP WERE FURNISHED TO THIS SURVEYOR EXCEPT AS SHOWN. NO TITLE OPINION IS EXPRESSED OR IMPLIED.
- THIS SURVEY DOES NOT CERTIFY TO THE EXISTENCE OR LOCATION OF ANY FOUNDATIONS, UTILITIES, UNDERGROUND ENCROACHMENTS OR IMPROVEMENTS EXCEPT AS SHOWN.
- THE PARCEL OF LAND SHOWN HEREON IS LOCATED IN FLOOD ZONE X PER FLOOD INSURANCE RATE MAP 12081C0355H, DATED DECEMBER 14TH, 2012.
- UNLESS A COMPARISON IS SHOWN, PLAT VALUES & MEASURED VALUES ARE THE SAME.
- ALL MEASUREMENTS ARE IN FEET AND DECIMAL PARTS THEREOF AND ARE IN ACCORDANCE WITH THE STANDARDS OF THE UNITED STATES.
- THIS MAP IS INTENDED TO BE DISPLAYED AT A SCALE OF 1"=30' OR SMALLER.
- UNDERGROUND UTILITIES SHOWN HEREON BASED ON GPR SURVEY PERFORMED BY BLOOD HOUND UTILITY LOCATORS ON-8/17/2020-8/18/2020 (PROJECT #00152510)

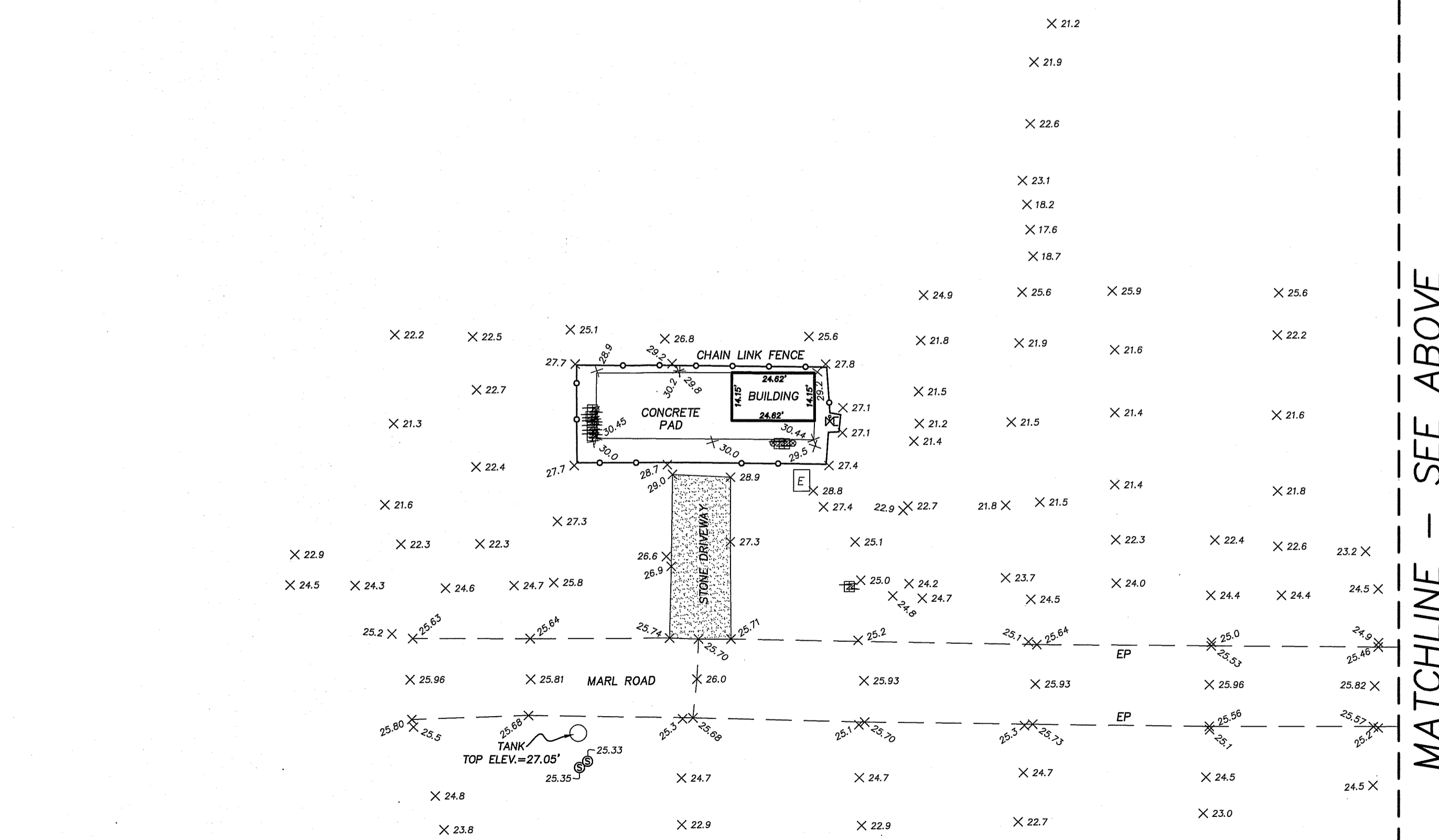
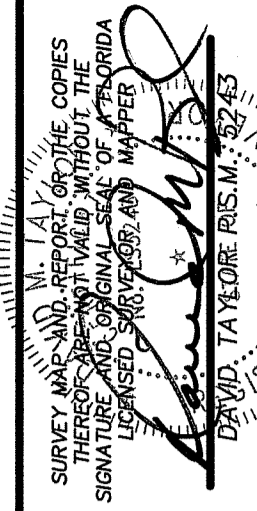
**Masteller, Moler & Taylor, Inc.**  
Professional Surveyors and Mappers  
Land Surveying Business LB 4644  
1655 27th Street, Suite 2, Vero Beach, Florida 32960  
Phone: (772) 564-8050 Fax: (772) 794-0647  
www.mastellersurveying.com



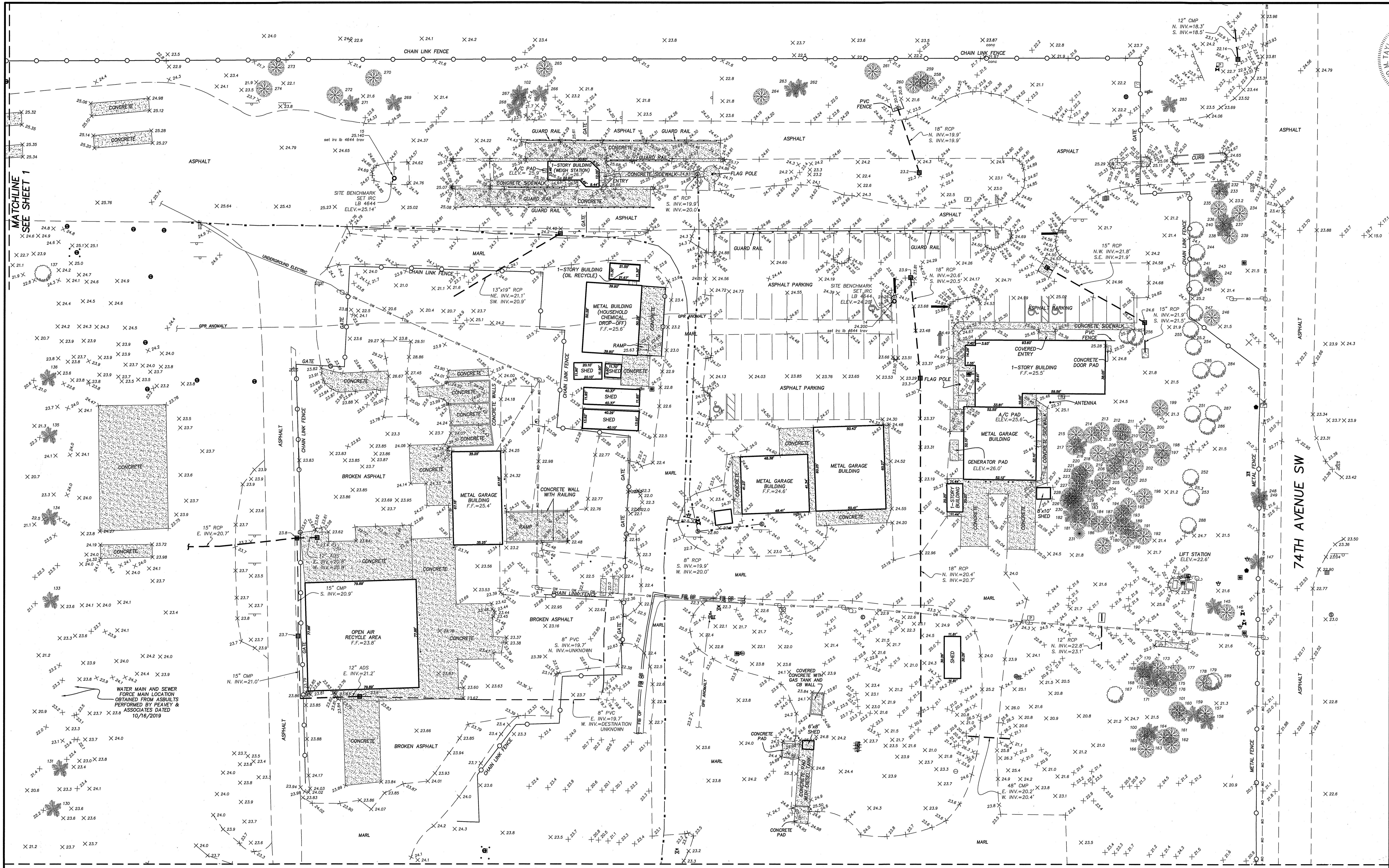
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SCALE	N/A
SHEET NO.	1 OF 3
FILE NO.	6366.13A
DRAWN BY	JWP/BMM
APPROVED BY	DMT
DRAWING NAME	6366-13A.dwg

PREPARED FOR  
Indian River County Landfill

DR. JAYLORE BISMILLI, R.S., L.S.  
Professional Surveyor and Mapper  
Seal and Signature



MATCHLINE - SEE ABOVE



MATCHLINE  
SEE SHEET 1

MATCHLINE - SEE SHEET 3

**BENCHMARK NOTE:**

THE ELEVATIONS AS SHOWN ON THIS SURVEY ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988. THE PRIMARY BENCHMARK UTILIZED FOR THIS SURVEY IS IRC BM267008, ELEVATION 20.50'. SITE BENCHMARKS ARE AS SHOWN.

SURVEY DATA AND BENCHMARK DATA FOR THIS SURVEY ARE THE PROPERTY OF MASTELLER, MOLER & TAYLOR, INC. NO PART OF THIS SURVEY DATA OR BENCHMARK DATA IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MASTELLER, MOLER & TAYLOR, INC.

**Indian River County Landfill**  
 PREPARED FOR

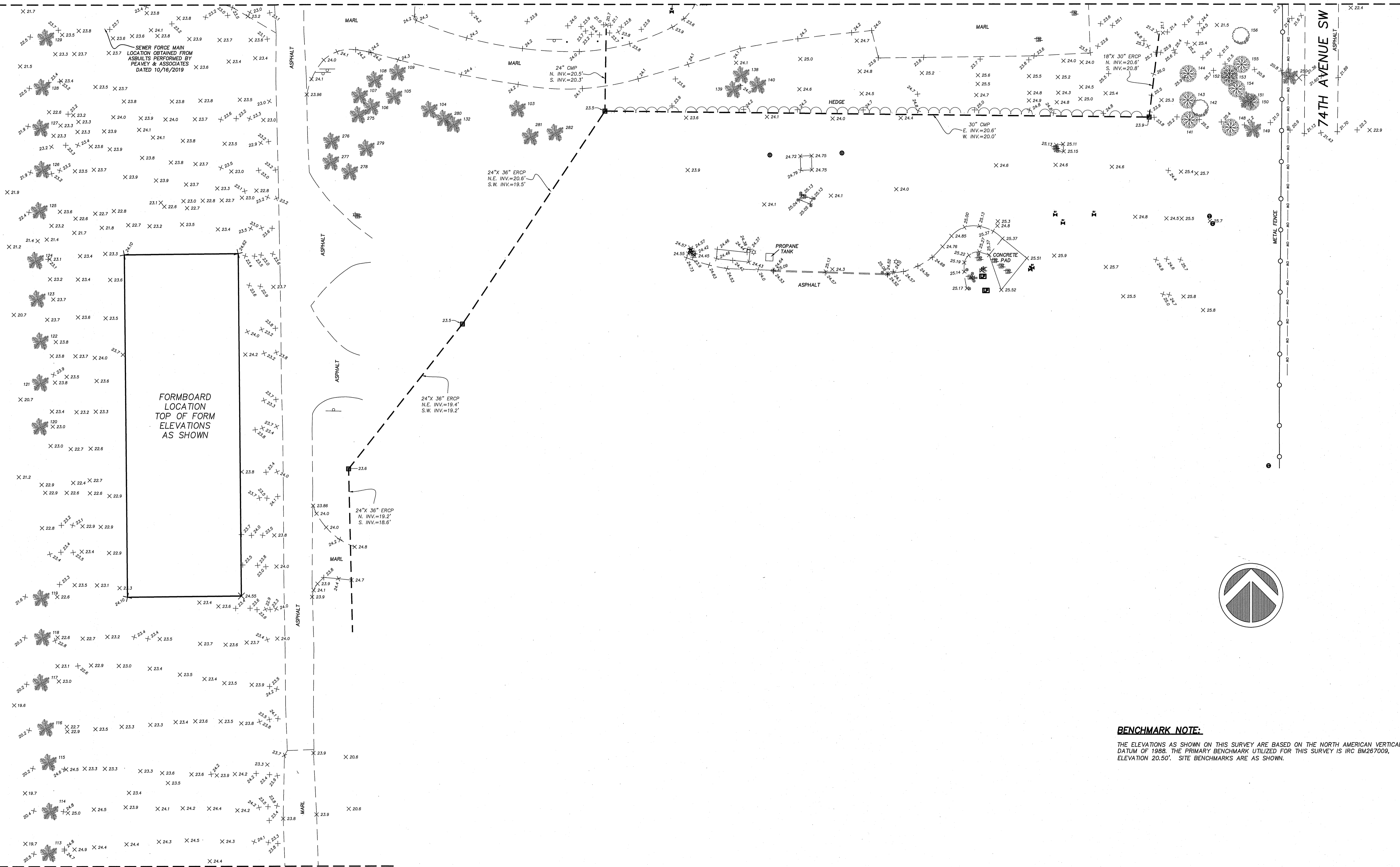
DATE	BY	REVISION
1/4/23	BMM	ADDITIONAL TOPO
12/29/21	JWP	ADDITIONAL TOPO
8/21/20	JWP	ADDED UNDERGROUND UTILITIES AND TREE TABLE
6/7/20	BMM	REVISED PER COMMENTS
	BMM	REVISION

**Masteller, Moler & Taylor, Inc.**  
 Professional Surveyors and Mappers  
 Land Surveying Business LB 4644  
 1655 27th Street, Suite 2, Vero Beach, Florida 32960  
 Phone: (772) 564-8050 Fax: (772) 794-0647  
 adam@mmtsurveying.com



DATE	12/23/2021
SCALE	1" = 30'
SHEET NO.	2 OF 3
FILE NO.	6366.13A
DRAWN BY	JWP/BMM
APPROVED BY	DMT
DRAWING NAME	6366-13A.dwg

MATCHLINE - SEE SHEET 2

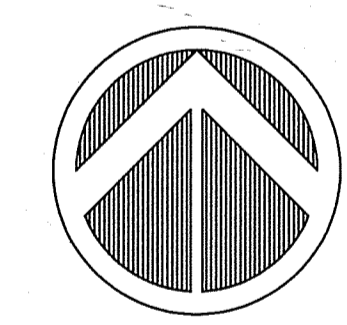


MATCHLINE - SEE RIGHT THIS SHEET

DAVID TAYLOR P.S.M. 5243  
S.O. - FLORIDA S.S.

PREPARED FOR  
**Indian River County Landfill**

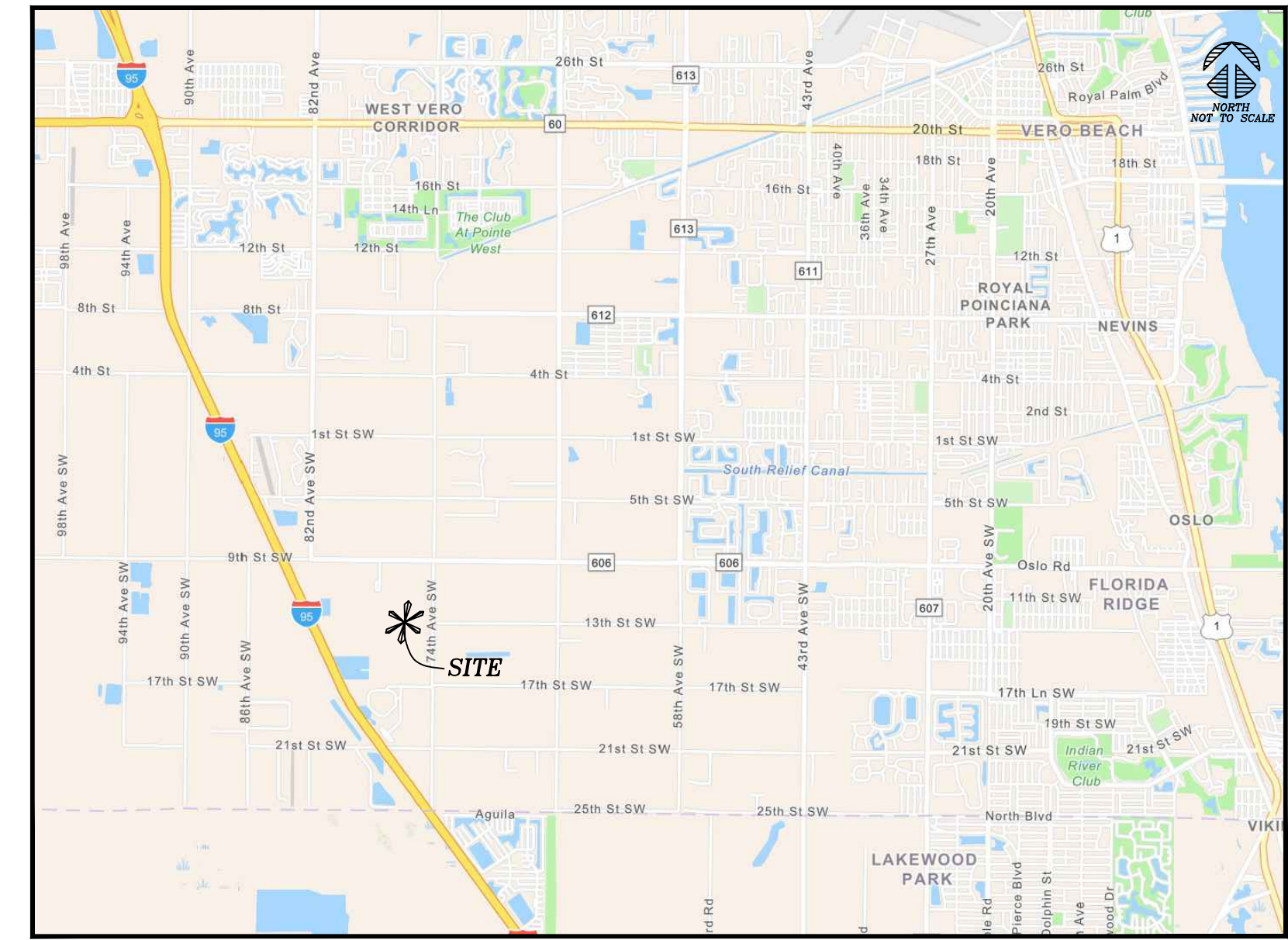
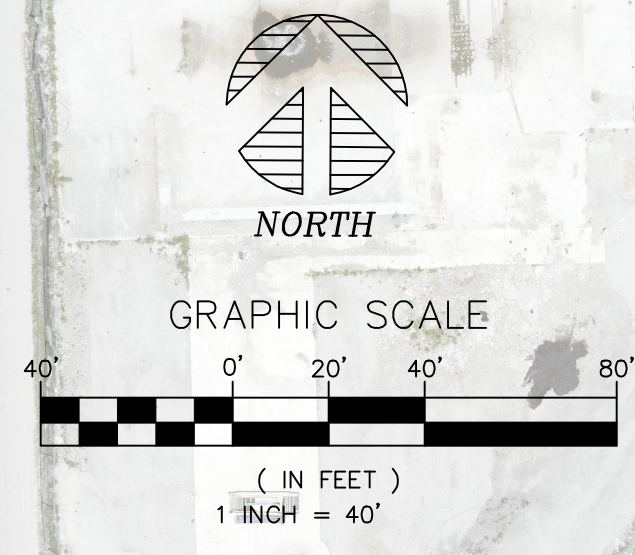
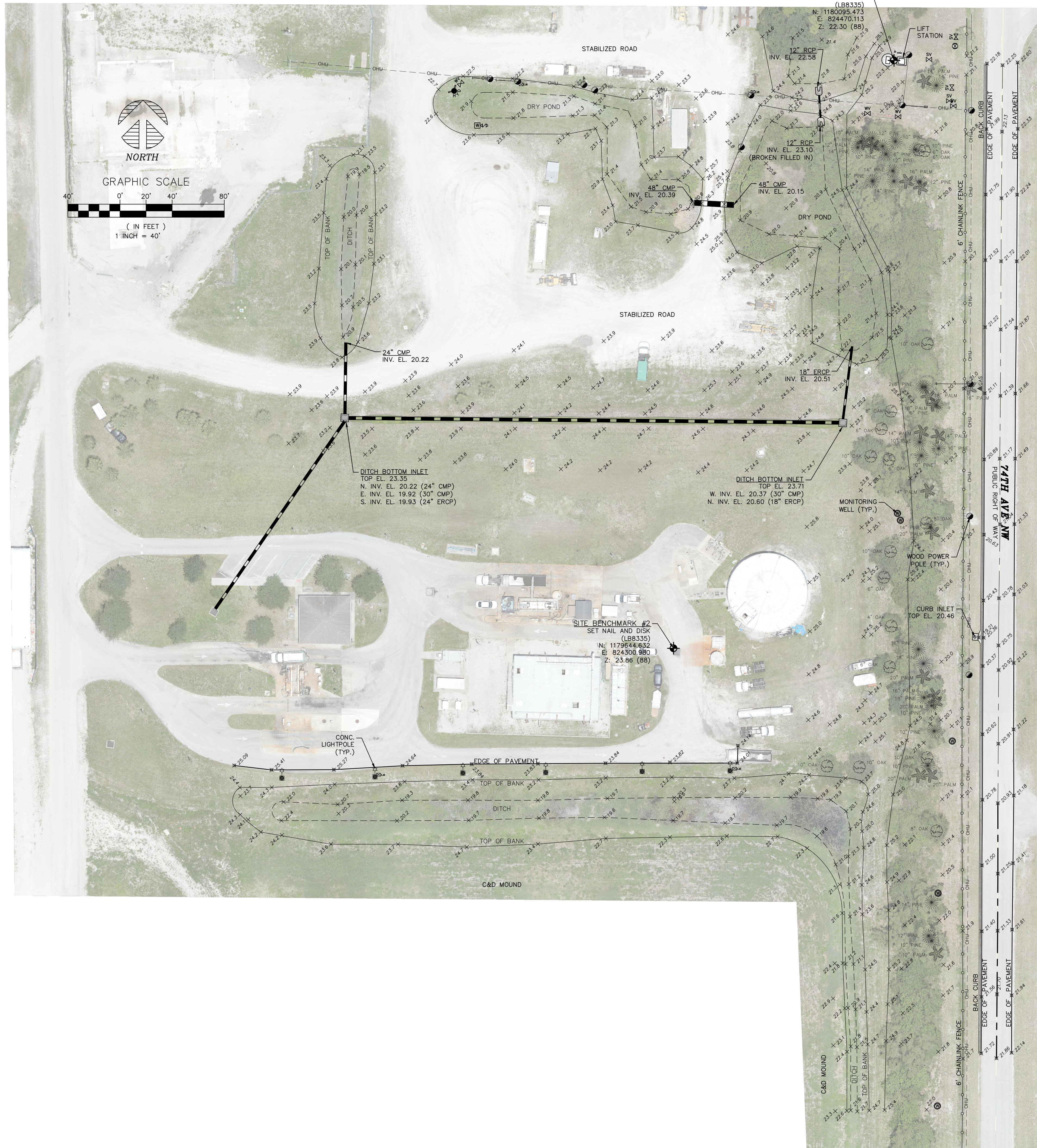
DATE	BY	REVISION
1/4/23	BMM	ADDITIONAL TOPO
12/29/21	ML	ADDITIONAL TOPO
8/21/20	JWP	ADDED UNDERGROUND UTILITIES AND TREE TABLE
6/1/20	BMM	REVISED PER COMMENTS
	BT	REVISION



**BENCHMARK NOTE:**  
THE ELEVATIONS AS SHOWN ON THIS SURVEY ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988. THE PRIMARY BENCHMARK UTILIZED FOR THIS SURVEY IS IRC BM267009, ELEVATION 20.50'. SITE BENCHMARKS ARE AS SHOWN.

**Masteller, Moler & Taylor, Inc.**  
Professional Surveyors and Mappers  
Land Surveying Business LB 4644  
1655 27th Street, Suite 2, Vero Beach, Florida 32960  
Phone: (772) 564-8050 Fax: (772) 794-0647  
admin@mmtsurveying.com

DATE	12/23/2021
SCALE	1"=30'
SHEET NO.	3 OF 3
FILE NO.	6366.13A
DRAWN BY	JWP/BMM
APPROVED BY	DMT
DRAWING NAME	6366-13A.dwg



**SURVEYOR NOTES:**

1. THE PURPOSE OF THIS SPECIFIC PURPOSE TOPOGRAPHIC SURVEY IS TO DEPICT THE PLANIMETRIC AND TOPOGRAPHIC FEATURES FOR A SPECIFIC AREA OF THE EXISTING LANDFILL SITE (AS DEFINED BY DESIGN ENGINEER).
2. THIS SURVEY IS NOT INTENDED TO REPRESENT A BOUNDARY SURVEY AND DOES NOT DEPICT OWNERSHIP/ENCUMBERT'S OF SAID PROPERTY AND OR ANY ADJACENT PROPERTIES.
3. COORDINATES SHOWN HEREON ARE IN REFERENCE TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), ADJUSTMENT 2011 AND ARE PROJECTED IN THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE.
4. ELEVATIONS SHOWN HEREON ARE IN REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND ARE MEASURED IN FEET AND DECIMAL PARTS THERE OF.  
\*BENCHMARK UTILIZED:  
GPS 44  
DISK IN CONCRETE MONUMENT  
ELEVATION 23.17 (NAVD88)
5. UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON FIELD OBSERVATION OF ABOVE GROUND PAINT MARKINGS, ABOVE GROUND UTILITY EQUIPMENT/ASSETS, UTILITY SIGNAGE, AND OR PROVIDED DOCUMENTATION FROM UTILITY PROVIDERS DEPICTING UTILITY LOCATION AND INFORMATION. THIS SURVEYOR MAKE'S NO GUARANTEE THAT THE UTILITIES SHOWN HEREON COMPRISE OF ALL SUCH UTILITIES THAT MAY BE ACTIVE AND OR ABANDONED WITHIN THE VICINITY OF THE SAID PROPERTY.
6. THIS SURVEYOR DID NOT WITNESS/CAPTURE ANY WETLAND FLAGGING ON SITE. THIS SURVEYOR HAS NOT MADE ANY DETERMINATION AS TO THE PRESENCE OF WETLANDS ON SITE (IF ANY). WETLAND DELINEATION BY OTHERS.
7. AERIAL IMAGERY PROVIDED WAS CAPTURED BY ALERT 5 INTERNATIONAL UTILIZING A UNMANNED AIRCRAFT, THE CAPTURED LOW ALTITUDE HIGH RESOLUTION IMAGERY WAS THEN PROCESSED UTILIZING PHOTOGRAMMETRY PRINCIPLES AND STRUCTURE FROM MOTION SOFTWARES. THE PROCESSED IMAGERY WAS THEN RECTIFIED UTILIZING SET ON SITE GROUND CONTROL POINTS TO PROVIDE THE FINAL OVERALL ORTHO-RECTIFIED IMAGE. IMAGERY WAS CAPTURED ON DATE: 06/16/2022
8. UNLESS THIS SURVEY BEARS THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR & MAPPER IT SHALL BE FOR INFORMATIONAL PURPOSES ONLY AND SHALL NOT BE CONSIDERED VALID.
9. DATE OF SURVEY FIELD WORK: 06-16-2022 & 06-17-2022.

**CERTIFIED TO:**  
-INDIAN RIVER COUNTY- SOLID WASTE DISPOSAL DISTRICT

**SURVEYOR LEGEND:**

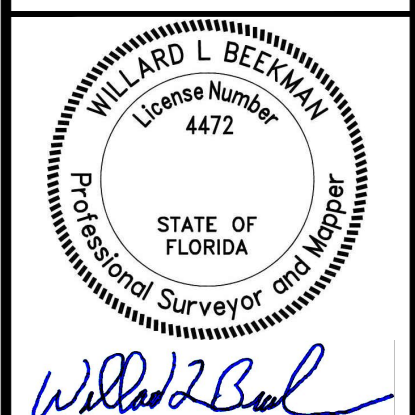
- WATER METER & BACKFLOW PREVENTER
- WATER VALVE
- FIRE HYDRANT
- AIR RELEASE VALVE
- MONITORING WELL
- SEWER VALVE
- WOOD POWER POLE
- CONCRETE LIGHTPOLE
- GUY ANCHOR AND WIRE
- OVERHEAD UTILITIES
- ELECTRIC JUNCTION BOX
- OAK TREE (SEE CALLOUT FOR SIZE)
- PINE TREE (SEE CALLOUT FOR SIZE)
- PALM TREE (SEE CALLOUT FOR SIZE)
- ELEVATIONS (88) HARD SURFACES
- ELEVATIONS (88) SOFT SURFACES

NO.	DATE	REVISIONS	DESCRIPTION

**AREA OF INTEREST**  
**AOI SOLUTIONS, INC.**  
137 S. COURTESYWAY PKWY. #423, MERRITT ISLAND, FL 32952  
PHONE: 321-209-0219 EMAIL: INFO@AOISOLUTIONS.COM  
LICENSED BUSINESS NO. LB 8335

**SPECIFIC PURPOSE TOPOGRAPHIC SURVEY**  
INDIAN RIVER COUNTY LANDFILL  
SOLID WASTE DISPOSAL DISTRICT  
VERO, FLORIDA

SECTION: 25 TOWNSHIP: 33S RANGE: 38E



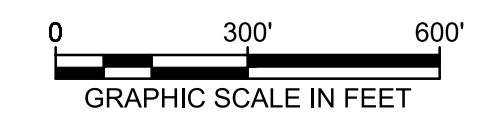
WILLARD L. BEEKMAN  
STATE OF FLORIDA L.S.# 4472  
STATE OF FLORIDA LB# 8335  
DATE: 06/24/2022

PROJECT NO./FILE NAME: 22-118

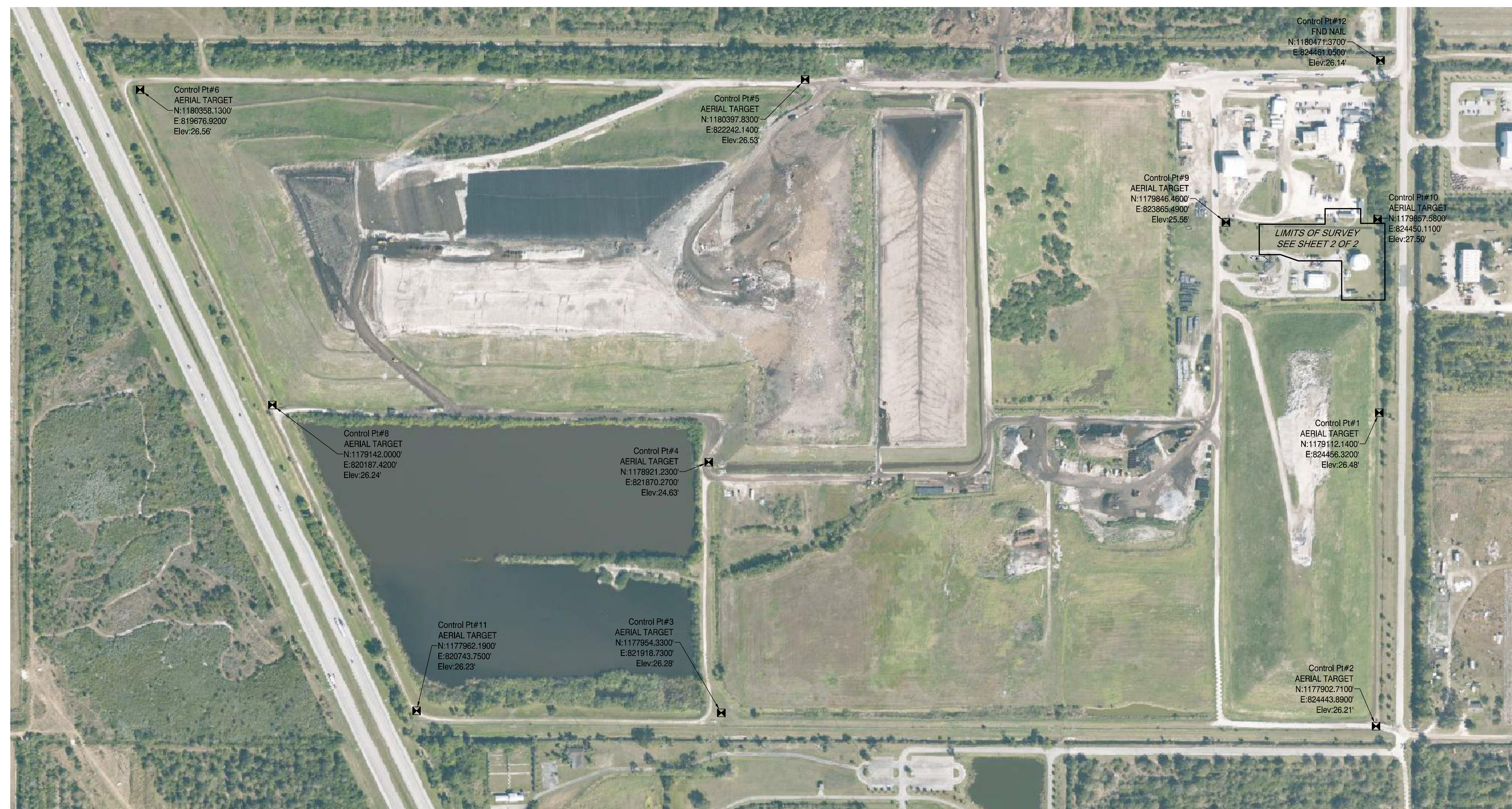
FIELD BOOK:	PAGES:
DATE: 06-24-22	DRAWN: AJH
SCALE: 1" = 40'	CHECKED: WB
SHEET NO. 1 of 1	

This document has been electronically signed and sealed by Willard Beekman using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

# SKETCH OF SURVEY TOPOGRAPHIC SURVEY



The undersigned and CARLSON ENVIRONMENTAL CONSULTANTS, PC, make no representations or guarantees as to the information reflected hereon pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further confirmed by others through appropriate title verification. Lands shown hereon were not abstracted for right-of-way and/or easements of record.



### LEGEND:

- CONC. CONCRETE
- CMP CORRUGATED MANHOLE PIPE
- ELEV. ELEVATION
- ELEC. ELECTRICAL
- FM FORCEMAIN
- FND FOUND
- GND GROUND
- HDPE HIGH-DENSITY POLYETHYLENE PIPE
- INV. INVERT
- I.R. IRON ROD
- LB# LICENSED BUSINESS NUMBER
- MON. MONITORING
- N&D NAIL & DISK
- VERT. VERTICAL
- Aerial Target (Symbol)
- BOLLARD
- CATCH BASIN
- CONCRETE POST
- ELECTRICAL VAULT
- FIRE HYDRANT
- HOSE BIBB
- MONITORING WELL
- PARKING LIGHT 1 BULB
- SIGN SINGLE POST
- SIGN DOUBLE POST
- TEE FITTING
- TEST HOLES
- WATER METER
- WATER PUMP
- WATER VALVE
- ELECTRIC LINE
- LEACHATE FORCEMAIN
- STORM PIPE
- TOP OF BANK / SLOPE
- TOE OF BANK / SLOPE
- WATER MAIN

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY NICHOLAS MESSINA JR., PSM#6559, ON THE DATE ADJACENT TO THE SEAL.

THIS SURVEY MAP OR COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL SEAL OR A UNIQUE ELECTRONIC SIGNATURE OF A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER UNDER CHAPTER RULES 5J-17.061 & 5J-17.062 FLORIDA ADMINISTRATIVE CODE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

### SURVEYOR'S NOTES:

- THIS SURVEY IS BASED ON HORIZONTAL AND VERTICAL COORDINATES FROM AERIAL TARGET REPORT PER PDF FILE "6366-Target-Transmittal.pdf" AS PREPARED BY MASTELLER, OLER & TAYLOR, INC. DATED FEBRUARY 13, 2018, AS PROVIDED BY PICKETT AND ASSOCIATES OCTOBER 29, 2021. THE HORIZONTAL AND VERTICAL CONTROL COORDINATES ARE BASED ON THE FOLLOWING PER THE REPORT.  
  
HORIZONTAL: NORTH AND THE COORDINATES ARE BASED ON THE EAST ZONE OF THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENTS.  
  
VERTICAL: ELEVATIONS ARE TO NATIONAL GEODETIC VERTICAL DATUM OF 1929.
- THE HORIZONTAL AND VERTICAL CONTROL MEASUREMENTS SHOWN HEREON ARE BASED ON THE AFOREMENTIONED CONTROL PROVIDED BY PICKETT AND ASSOCIATES, INC. AND WERE OBTAINED BY UTILIZING A "TRIMBLE R12 GNSS ROVER" REAL TIME KINEMATIC (RTK) RECEIVERS USING "TRIMBLE TSC-7 DATA COLLECTOR WITH TRIMBLE ACCESS 2020 SOFTWARE". RTK CORRECTIONS WERE OBTAINED UTILIZING FLORIDA PERMANENT REFERENCE NETWORK (FPRN) STATEWIDE SERVICE AND PROCESSED WITH TRIMBLE BUSINESS CENTER SOFTWARE.  
  
THE ACCURACY OF THE HORIZONTAL CONTROL MEASUREMENTS HAS BEEN VERIFIED BY REDUNDANT MEASUREMENTS AND ADJUSTED USING TRIMBLE BUSINESS CENTER SOFTWARE. THE ADJUSTMENT IS BASED ON A LEAST SQUARE ADJUSTMENT CALCULATIONS AND MEETS A 95% CONFIDENCE LEVEL TO THE AFOREMENTIONED CONTROL PROVIDED TO CEC. THE MAXIMUM HORIZONTAL RESIDUAL ERROR OF 0.062+/-, HAVING HORIZONTAL ADJUSTMENT SCALE VALUE WAS CALCULATED TO BE 0.9999949481. THE MAXIMUM VERTICAL RESIDUAL ERROR OF 0.054+/-, FOR THE ENTIRE SITE.

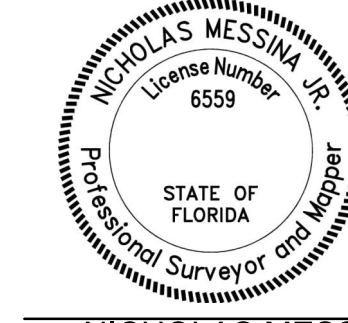
### SURVEYOR'S NOTES:

- ALL LOCATIONS AND ELEVATIONS DEPICTED IN THE SURVEY IS BASED ON THE RTK MEASUREMENTS ONLY.
- THE HORIZONTAL FEATURES SHOWN HEREON ARE PLOTTED TO WITHIN 1/20 OF THE MAP SCALE. HORIZONTAL FEATURE LOCATION IS TO THE CENTER OF THE SYMBOL AND MAY BE ENLARGE FOR CLARITY.
- CARLSON ENVIRONMENTAL CONSULTANTS, PC. CERTIFICATE OF AUTHORIZATION NUMBER IS L.B. #8396.
- THE INTENT OF THIS SURVEY IS TO VERIFY THE EXISTING LOCATIONS AND EXISTING GROUND FOR THE DESIGN AND CONSTRUCTION OF A HEARTLAND LEACHATE EVAPORATOR PLANT. RE-USE OF THIS SURVEY FOR PURPOSES OTHER THAN WHICH IT WAS INTENDED, WITHOUT THE WRITTEN VERIFICATION, WILL BE AT THE RE-USERS SOLE RISK AND WITHOUT LIABILITY TO THE SURVEYOR. NOTHING SHOWN HEREON SHALL BE CONSTRUED TO GIVE ANY RIGHTS OR BENEFITS TO ANYONE OTHER THAN THOSE CERTIFIED TO.
- THIS SURVEY IS ONLY BASED ON THE PROVIDED AERIAL CONTROL. NO BOUNDARY INFORMATION OR LEGAL DESCRIPTION WAS PROVIDED TO CARLSON ENVIRONMENTAL CONSULTANTS, PC.
- THIS SURVEY DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF INDIAN RIVER COUNTY, OR THE PARTIES CERTIFIED HEREON FOR THE EXPRESS PURPOSE STATED HEREIN. COPYING, DISTRIBUTING, AND/OR USING THIS DRAWING, IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN ORIGINALLY INTENDED WITHOUT WRITTEN CONSENT FROM CARLSON ENVIRONMENTAL CONSULTANTS, PC. RETAINS THE RIGHT TO INTERPRET ANY INFORMATION CONTAINED HEREON.
- THE INTENDED MAP SCALE IS 1"=300' FOR SHEET 1 AND A SCALE IS 1"=30' FOR SHEET 2.
- THE IMPROVEMENTS LABELED BY OTHERS ARE PER A CAD FILE NAMED "1093 SITE PLAN A AREA LAYOUT.dwg", BEING A MAP OF RECORD / AS-BUILT SURVEY FOR BOISOLIDS DEWATERING FACILITY AT THE INDIAN RIVER COUNTY LANDFILL, PREPARED BY INDIAN RIVER SURVEY, INC., SHEET 1 OF 9, HAVING A DATE OF LAST FIELDWORK OF 4/6/10.

### SURVEYOR'S CERTIFICATE:

I HEREBY CERTIFY THAT THIS SURVEY AND OTHER PERTINENT DATA SHOWN HEREON, OF THE ABOVE DESCRIBED PROPERTY WAS MADE ON THE GROUND, CONFORMS TO THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN THE STATE OF FLORIDA, AS OUTLINED IN RULES 5J-17.051 AND 5J-17.052, (FLORIDA ADMINISTRATIVE CODE) AS ADOPTED BY THE DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN SEPTEMBER, 1981, AS AMENDED, PURSUANT TO CHAPTER 472.027, FLORIDA STATUTES AND THAT SAID SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED UNDER MY DIRECTION FROM NOVEMBER 2021.

DATE OF LAST FIELD WORK NOVEMBER 3, 2021.  
FIELDBOOK: IRC, PGS 1 - 3



Digitally signed by Nicholas Messina Jr., PSM  
Date: 2021.11.15 12:34:39-05'00'

NICHOLAS MESSINA JR., FOR THE FIRM  
FLORIDA PROFESSIONAL SURVEYOR AND MAPPER NO 6559  
CARLSON ENVIRONMENTAL CONSULTANTS, PC  
LICENSED BUSINESS NUMBER #8396

PT#	NORTHINGS	EASTINGS	ELEVATION	DESCRIPTION	HORIZ. RESIDUAL	VERT. RESIDUAL
1	117912.740	824456.320	26.480	AERIAL TARGET	0.033	N/A
2	1177902.710	824443.890	26.210	AERIAL TARGET	0.062	0.021
3	1177954.330	821918.730	26.280	AERIAL TARGET	0.046	0.009
5	1180397.830	822242.140	26.530	AERIAL TARGET	0.043	N/A
6	1180358.130	819676.920	26.560	AERIAL TARGET	0.052	0.044
8	1179142.000	820187.420	26.240	AERIAL TARGET	0.021	-0.054
10	1179857.580	824450.110	27.500	AERIAL TARGET	0.059	-0.013
12	1180471.370	824461.050	26.140	AERIAL TARGET	0.018	-0.006

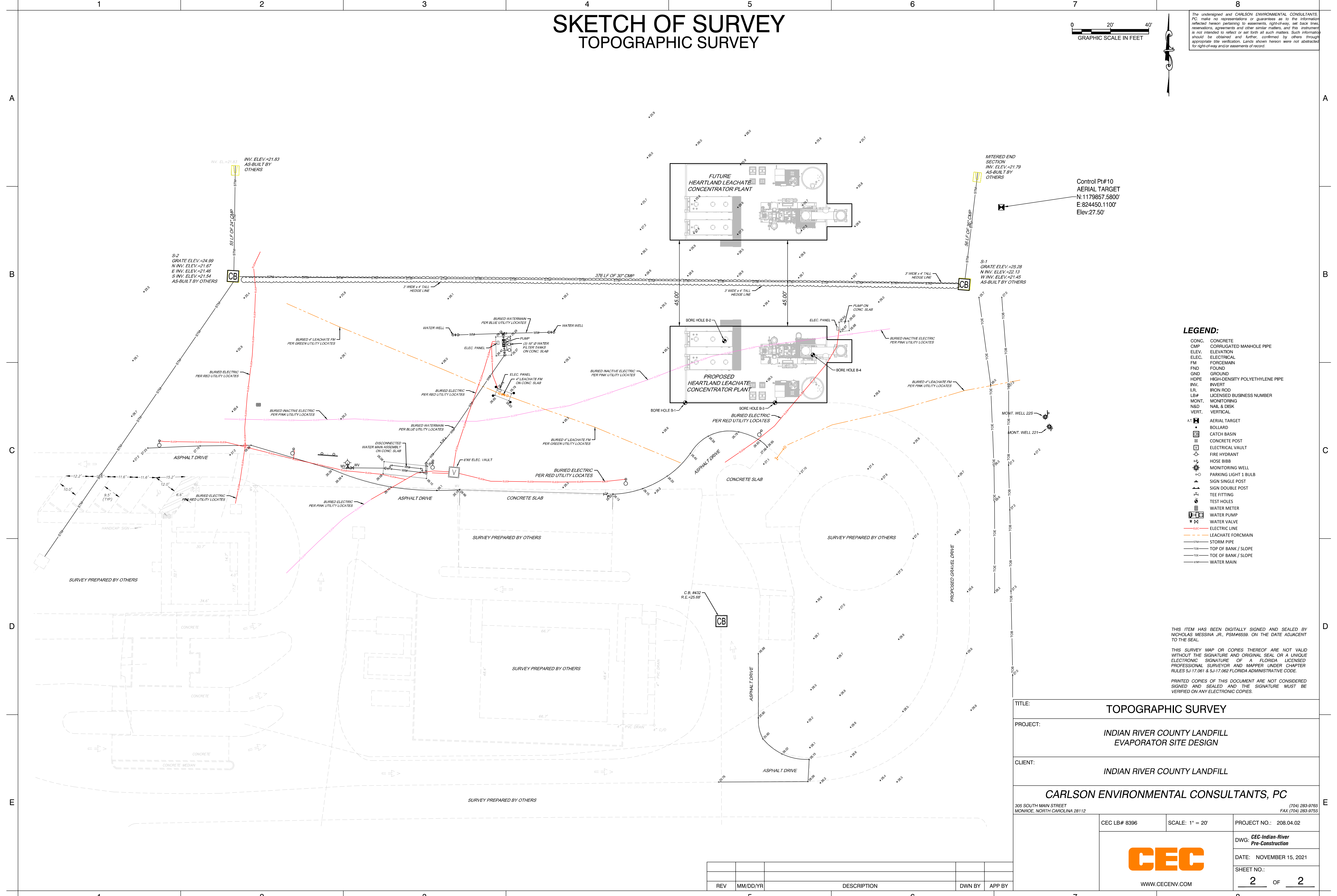
REV	MM/DD/YR	DESCRIPTION	DWN BY	APP BY

TITLE:	TOPOGRAPHIC SURVEY		
PROJECT:	INDIAN RIVER COUNTY LANDFILL EVAPORATOR SITE DESIGN		
CLIENT:	INDIAN RIVER COUNTY LANDFILL		
	CARLSON ENVIRONMENTAL CONSULTANTS, PC		
	305 SOUTH MAIN STREET MONROE, NORTH CAROLINA 28112	(704) 283-9765 FAX (704) 283-9755	
CEC LB# 8396	SCALE: 1" = 300'	PROJECT NO.: 208.04.02	
		DWG: CEC-Indian-River Pre-Construction	
		DATE: NOVEMBER 15, 2021	
		SHEET NO.: 1 OF 2	
		WWW.CECENV.COM	

# SKETCH OF SURVEY TOPOGRAPHIC SURVEY



The undersigned and CARLSON ENVIRONMENTAL CONSULTANTS, PC, make no representations or guarantees as to the information reflected hereon pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further confirmed by others through appropriate title verification. Lands shown hereon were not abstracted for right-of-way and/or easements of record.



Control Pt#10  
AERIAL TARGET  
N:1179857.5800'  
E:824450.1100'  
Elev:27.50'

- LEGEND:**
- CONC. CONCRETE
  - CMP CORRUGATED MANHOLE PIPE
  - ELEV. ELEVATION
  - ELEC. ELECTRICAL
  - FM FOREMAN
  - FND FOUND
  - GND GROUND
  - HDPPE HIGH-DENSITY POLYETHYLENE PIPE
  - INV. INVERT
  - I.R. IRON ROD
  - LB# LICENSED BUSINESS NUMBER
  - MONT. MONITORING
  - N&D NAIL & DISK
  - VERT. VERTICAL
  - A.T. AERIAL TARGET
  - BOLLARD BOLLARD
  - CATCH BASIN CATCH BASIN
  - CONCRETE POST CONCRETE POST
  - ELECTRICAL VAULT ELECTRICAL VAULT
  - FIRE HYDRANT FIRE HYDRANT
  - HOSE BIBB HOSE BIBB
  - MONITORING WELL MONITORING WELL
  - PARKING LIGHT 1 BULB PARKING LIGHT 1 BULB
  - SIGN SINGLE POST SIGN SINGLE POST
  - SIGN DOUBLE POST SIGN DOUBLE POST
  - TEE FITTING TEE FITTING
  - TEST HOLES TEST HOLES
  - WATER METER WATER METER
  - WATER PUMP WATER PUMP
  - WATER VALVE WATER VALVE
  - ELECTRIC LINE ELECTRIC LINE
  - LEACHATE FOREMAN LEACHATE FOREMAN
  - STORM PIPE STORM PIPE
  - TOP OF BANK / SLOPE TOP OF BANK / SLOPE
  - TOE OF BANK / SLOPE TOE OF BANK / SLOPE
  - WATER MAIN WATER MAIN

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY NICHOLAS MESSINA JR., PSM#6599, ON THE DATE ADJACENT TO THE SEAL.

THIS SURVEY MAP OR COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL SEAL OR A UNIQUE ELECTRONIC SIGNATURE OF A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER UNDER CHAPTER RULES 5J-17.061 & 5J-17.062 FLORIDA ADMINISTRATIVE CODE.

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TITLE:		<b>TOPOGRAPHIC SURVEY</b>	
PROJECT:		<b>INDIAN RIVER COUNTY LANDFILL EVAPORATOR SITE DESIGN</b>	
CLIENT:		<b>INDIAN RIVER COUNTY LANDFILL</b>	
<b>CARLSON ENVIRONMENTAL CONSULTANTS, PC</b>			
305 SOUTH MAIN STREET MONROE, NORTH CAROLINA 28112			
CEC LB# 8396		SCALE: 1" = 20'	PROJECT NO.: 208.04.02
		DWG: <b>CEC-Indian-River Pre-Construction</b>	
		DATE: NOVEMBER 15, 2021	
SHEET NO.:		<b>2</b> OF <b>2</b>	
WWW.CECENV.COM			

REV	MM/DD/YR	DESCRIPTION	DWN BY	APP BY