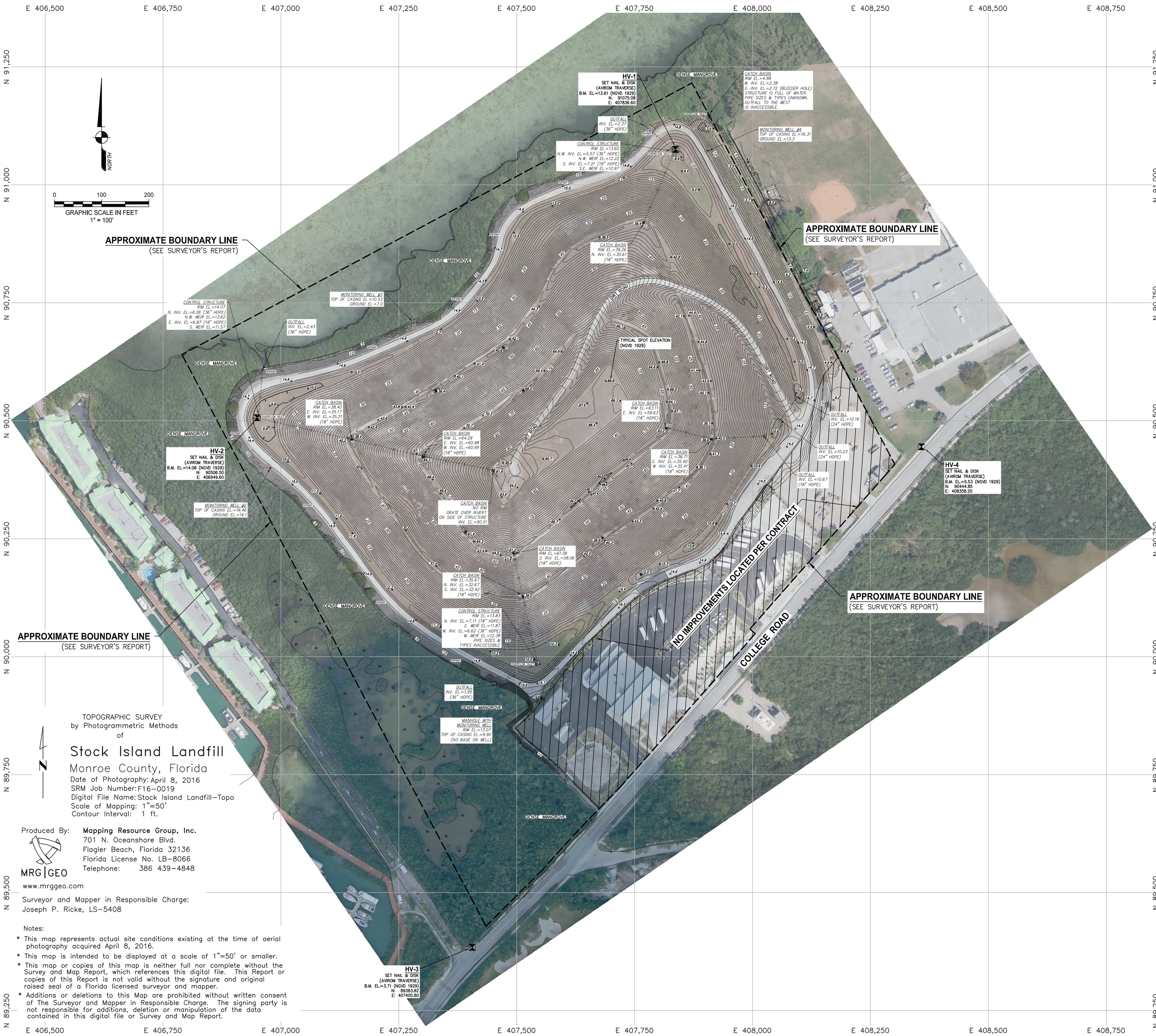


TOPOGRAPHIC SURVEY
by Photogrammetric Methods
of

Stock Island Landfill

Monroe County, Florida

Date of Photography: April 8, 2016
SRM Job Number: F16-0019
Digital File Name: Stock Island Landfill-Topo
Scale of Mapping: 1"=50'
Contour Interval: 1 ft.

Produced By:

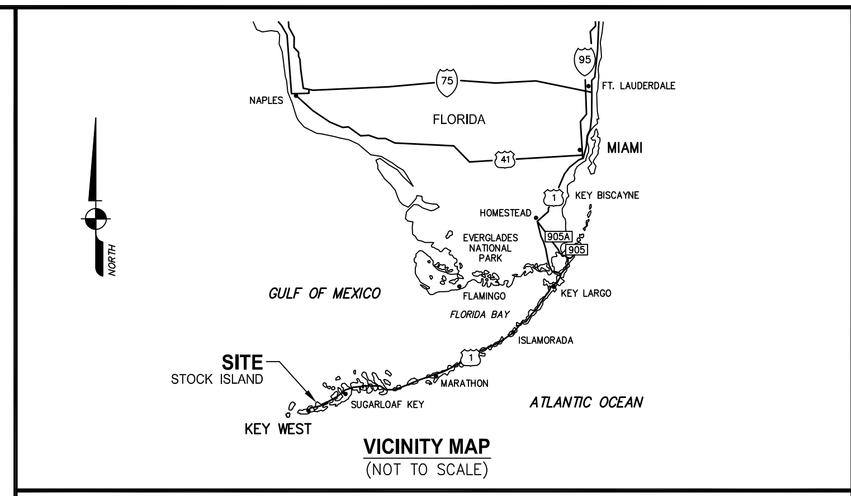
Mapping Resource Group, Inc.
701 N. Oceanshore Blvd.
Flagler Beach, Florida 32136
Florida License No. LB-8066
Telephone: 386 439-4848

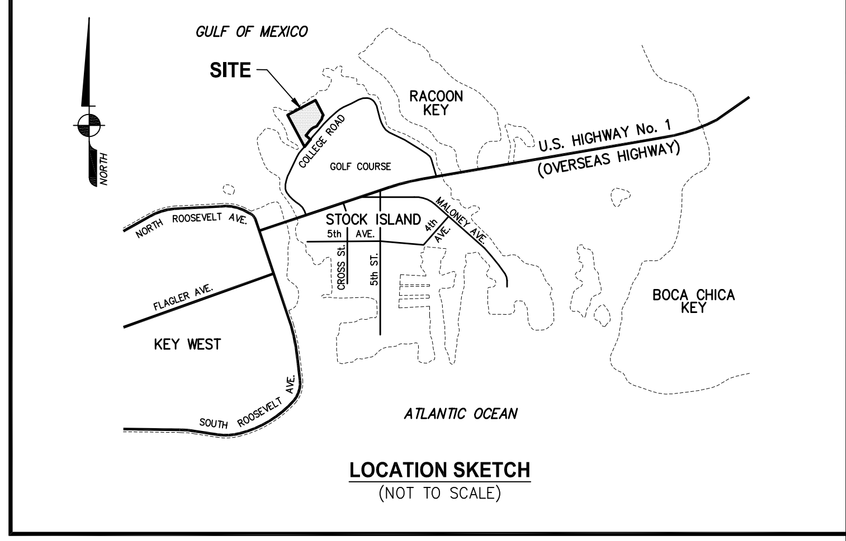
MRG|GEO
www.mrggeo.com

Surveyor and Mapper in Responsible Charge:
Joseph P. Ricke, LS-5408

Notes:

* This map represents actual site conditions existing at the time of aerial photography acquired April 8, 2016.
* This map is intended to be displayed at a scale of 1"=50' or smaller.
* This map or copies of this map is neither full nor complete without the Survey and Map Report, which references this digital file. This Report or copies of this Report is not valid without the signature and original raised seal of a Florida licensed surveyor and mapper.
* Additions or deletions to this Map are prohibited without written consent of The Surveyor and Mapper in Responsible Charge. The signing party is not responsible for additions, deletion or manipulation of the data contained in this digital file or Survey and Map Report.





SURVEYOR'S REPORT:

1. Reproductions of this Sketch are not valid without the signature and the original raised seal of a Florida licensed surveyor and mapper.
2. No Title Opinion or Abstract to the subject property has been provided. It is possible that there are Deeds, Easements, or other instruments (recorded or unrecorded) which may affect the subject property. No search of the Public Records has been made by the Surveyor.
3. Aerial topographic mapping and photography was produced by Mapping Resource Group, Inc., 701 N. Oceanshore Blvd., Flagler Beach, FL 32136 Telephone: (386) 439-4848
4. The underground utilities shown have been located from field survey information. The surveyor makes no guaranties that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located accurately as possible from information available. The surveyor has not physically located the underground utilities. Every effort has been made to obtain underground utilities pipe type and size, as shown. It is the responsibility of the end user to verify the invert and pipe size dimensions prior to design of new facilities.
8. The Grid coordinates shown hereon are based on the North American Datum of 1983, adjustment of 2011 (NAD 83/2011) Epoch 2010.00, of the Florida State Plane Coordinate System (Transverse Mercator Projection), East Zone established by a Real-time Network (RTN) GPS Control Survey which is certified to a 2 centimeter local accuracy, relative to the nearest control point within the National Geodetic Survey's (NGS) Geodetic Control Network.
   a. Method: Wide Area Continuously Operating GPS Reference Station Network.
   b. Equipment Used: Trimble R10 GNSS, Serial Number 5413460373 (Dual Frequency Receiver)
   c. Processing Software: Trimble Business Center, Version 3.51

The following NGS horizontal stations were utilized:

EYW ARP 2 (PID AA0043)

Latitude (North)	Longitude (West)	Northing (US Feet)	Easting (US Feet)	Elevation (US Feet)	Remarks
24°33'23.53010"	081°45'34.42350"	81,802.70	403,713.94	0.89	Published
24°33'23.53002"	81°45'34.42314"	81802.69	403713.97	0.71	Observed

EYW ARP 2 (PID AA0043)

Latitude (North)	Longitude (West)	Northing (US Feet)	Easting (US Feet)	Elevation (US Feet)	Remarks
24°33'23.28023"	081°46'00.39025"	81,790.75	401,316.35	1.21	Published
24°33'23.28034"	81°46'00.39016"	81790.76	401316.36	1.15	Observed

9. Elevations shown hereon are in feet and based on the National Geodetic Vertical Datum of 1929 (NGVD 1929). To convert NGVD 1929 elevations to North American Vertical Datum of 1988 (NAVD 1988) for this site, the model value of (-)1.34 must be added algebraically to the NGVD 1929 height.
10. Benchmark Description: National Geodetic Survey Station Designation "872 4572 F TIDAL" (PID AA1629). Elevation=10.05 feet (NGVD 1929). Elevation=8.71 feet (NAVD 1988).
11. Approximate Boundary lines are graphically delineated from information obtained from recorded documents at the time of the survey. This information is spatially placed within the digital file of the topographic survey, based on existing occupation lines to depict the boundary relative to the topographic locations. This is not a boundary survey and the information should not be relied as such. It is strongly recommended that if the design is contingent on accurate boundary placement and especially prior to construction, a boundary survey should be performed to establish the lines. We will not be responsible for the misuse of the topographic survey for purposes it was not intended.
12. Symbols shown hereon and in the legend may have been enlarged for clarity. These symbols have been plotted at the center of the field location and may not represent the actual shape or size of the feature.
13. This map is intended to be displayed at a scale of 1:1200 (1"=100').
14. Units of measurement are in U.S. Survey Feet and decimal parts thereof. Well identified features in this survey were field measured to a horizontal positional accuracy of 0.10'. The elevations on impervious surfaces were field measured to 0.05' and on ground surfaces to 0.1'.
15. Abbreviation Legend: B.M. = Benchmark; DI = Drainage Inlet; EL. = Elevation; F.B. = Field Book; HDPE = High Density Polyethylene Pipe; INV. = Invert; L.B. = Licensed Business; NAD = North American Datum; NAVD = North American Vertical Datum; NGVD = National Geodetic Vertical Datum; PID = Point Identifier; P.L.S. = Professional Land Surveyor.

CERTIFICATION:

I HEREBY CERTIFY that the attached Control Survey of the hereon described property is true and correct to the best of my knowledge and belief as surveyed in the field under my direction. I FURTHER CERTIFY that this Control Survey meets the Standards of Practice set forth in Chapter 5J-17, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

Date: _____

_____
KEITH M. CHEE-A-TOW, P.L.S.
Florida Registration No. 5328
AVIROM & ASSOCIATES, INC.
L.B. No. 3300

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www.AVIROM-SURVEY.com

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REVISIONS	DATE	F.B. / PG.	BY	CKD

AERIAL TOPOGRAPHIC SURVEY
STOCK ISLAND LANDFILL
PORTIONS OF SECTIONS 26 & 27
TOWNSHIP 67 SOUTH, RANGE 25 EAST
STOCK ISLAND, CITY OF KEY WEST
MONROE COUNTY, FLORIDA

SCALE:	1" = 100'		
DATE:	04/13/2016		
BY:	S.A.M.		
CHECKED:	K.M.C.		
F.B.	1792	PG.	01 - 17
SHEET	1	OF	1

JOB #: 8151-1