February 3, 2022
File No. 09217088.24

Ms. Elizabeth Kromhout, PG, Environmental Administrator
Florida Department of Environmental Protection - Division of Waste Management
Permitting & Compliance Assistance Program - Solid Waste Permitting
2600 Blair Stone Road, MS 4565
Tallahassee, FL 32399

Subject: Manatee County Lena Road Landfill
Certification of Construction Completion Report
Subsequence 4A Expansion Construction Project

Dear Mr. Tafuni:

On behalf of the Manatee County Solid Waste Division (County), SCS Engineers, Inc. (SCS) has prepared this Certification of Construction Completion Report for the Lena Road Class I Landfill, Subsequence 4A Expansion Construction Project (Project) in accordance with the Florida Department of Environmental Protection (FDEP) Operation Permit No. 39884-021-SO-01 Part B.2.

Excavation of the Project commenced in October 2021 and was completed in January 2022. The Project was constructed in compliance with the Operation Permit and drawings, which include the following:

- Sheet 5 of the Operation Permit Drawings entitled *Sequence 3, Lena Road Landfill, Stage II Fill Sequence*, signed and sealed by SCS dated March 22, 2021.

An as-built survey of the Project was conducted by Hyatt Survey Services, Inc. (Hyatt) and is provided in Attachment A.

As indicated on Drawings 3 and 4 provided in Attachment B, base grades for Subsequence 4A are similar to the FDEP approved base grades based on the Hyatt as-built survey. SCS has confirmed there is at least 5 feet of elevation difference between the existing Leachate Collection and Removal System pipes and the top of the drainage layer within Subsequence 4A.

Representative photographs of the Project collected by SCS are also provided in Attachment C of this Report.

Based on the above information, the Project was completed in substantial conformance with the FDEP Operation Permit. The County wishes to receive FDEP approval of this Project in order to begin disposing of solid waste in this area. Therefore, your prompt review of this submittal is appreciated.

Please do not hesitate to contact us should you have any questions or require additional information.

Sincerely,

Shane R. Fischer, P.E.
Vice President
SCS Engineers

Carlo Lebron, P.E.
Business Unit Director
SCS Engineers

SRF/cfl

cc: Robert Shankle, Manatee County
Bryan White, Manatee County
Anthony Detweiler, Manatee County
Bob Bennett, Manatee County
Steve Morgan, FDEP Southwest District
Steven Tafuni, FDEP Southwest District

Enclosures

This item has been digitally signed and sealed by Shane R. Fischer, PE on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

SHANE R. FISCHER
LICENSE
No 58026
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Shane Fischer
Digitally signed by Shane Fischer
Date: 2022.02.03 15:23:04 -05'00'

ATTACHMENT A

HYATT ASBUILT SURVEY

Control Table				
Point #	Northing	Easting	Elevation	Description
109	1141545.95	509165.88	33.96	AT
122	1138428.30	511092.73	38.90	AT
135	1138562.79	513590.75	40.93	AT
168	1144330.79	512336.06	39.12	AT
194	1146038.75	508797.91	22.80	AT
205	1145790.59	514071.03	30.64	AT
219	1136246.43	514518.68	48.03	AT
229	1135605.88	508386.36	33.94	AT

SURVEYOR NOTES

1. THIS SURVEY IS REFERENCED TO A PROJECTION OF THE STATE PLANE COORDINATE SYSTEM OF FLORIDA WEST ZONE (NAD 83/11).
2. THE ELEVATIONS DEPICTED HEREON WERE DERIVED FROM THE CONTROL PROVIDED WITHIN A SURVEYOR'S REPORT PREPARED BY PICKETT SURVEYING AND ENGINEERING PROJECT NUMBER 18600-1 DATED 2/14/19.
3. THE HORIZONTAL AND VERTICAL COORDINATES OF THE SITE BENCH MARKS WERE DERIVED FROM REDUNDANT RTK GPS OBSERVATIONS AND DIFFERENTIAL LEVELING METHODS.
4. THIS IS NOT A BOUNDARY SURVEY.
5. THIS SURVEY IS SUBJECT TO PERTINENT EASEMENTS, RIGHTS OF WAY AND RESTRICTIONS OF RECORD, IF ANY.
6. THE LOCATION OF UTILITIES, FOUNDATIONS OR STRUCTURES, IF ANY, BENEATH THE SURFACE HAVE NOT BEEN DETERMINED.
7. THIS SURVEY DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF THE PARTY OR PARTIES CERTIFIED TO BELOW FOR THE EXPRESS PURPOSE STATED HEREON AND/OR CONTAINED IN THE CONTRACT BETWEEN HYATT SURVEY SERVICES, INC. AND THE CLIENT FOR THIS PROJECT. COPYING, DISTRIBUTING AND/OR USING THIS DRAWING, IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN ORIGINALLY INTENDED WITHOUT WRITTEN CONSENT FROM HYATT SURVEY SERVICES, INC. IS STRICTLY PROHIBITED AND RENDERS THE SURVEYOR'S CERTIFICATION, SIGNATURE AND SEAL NULL AND VOID. ANY QUESTIONS CONCERNING THE CONTENT OR PURPOSE OF THIS DRAWING SHOULD BE DIRECTED TO HYATT SURVEY SERVICES, INC.

0 30 60

LEGEND

	BENCH MARK (SEE CONTROL TABLE)
SSR	STAINLESS STEEL ROD
SND	SET NAIL AND DISK
SFS	SET FENO SPIKE
MKG	MARKER
TOP	TOP OF PIPE
INV	INVERT

Hyatt Survey Services, Inc.
Geographic Data Specialists
2012 LENA ROAD BRADENTON, FLORIDA 34212
PH. (941) 748-4693 FAX (941) 744-1643 LB No.: 7203

THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

Russell P Hyatt

Digitally signed by Russell P Hyatt
Date: 2022.02.03 11:54:03 -05'00'

RUSSELL P. HYATT, P.S.M.
FLORIDA SURVEYORS REGISTRATION NO. 5303

LENA ROAD LANDFILL
MANATEE COUNTY, FLORIDA
TOPOGRAPHIC SURVEY

Manatee County FLORIDA

PROJECT #	12-1697-17	
SURVEY #		
SECTION TWN RNG	1-35S-18E 6-35S-19E 31-34S-19E	
SCALE	1" = 60	
SURVEYED	HYATT	01/2022
DESIGNED		
DRAWN	DAR	01/2022
CHECKED	RPH	01/2022

SHEET 1 OF 1

ATTACHMENT B

SCS CERTIFICATION OF CONSTRUCITON COMPLETION DRAWINGS

MANATEE COUNTY UTILITIES DEPARTMENT
LENA ROAD LANDFILL

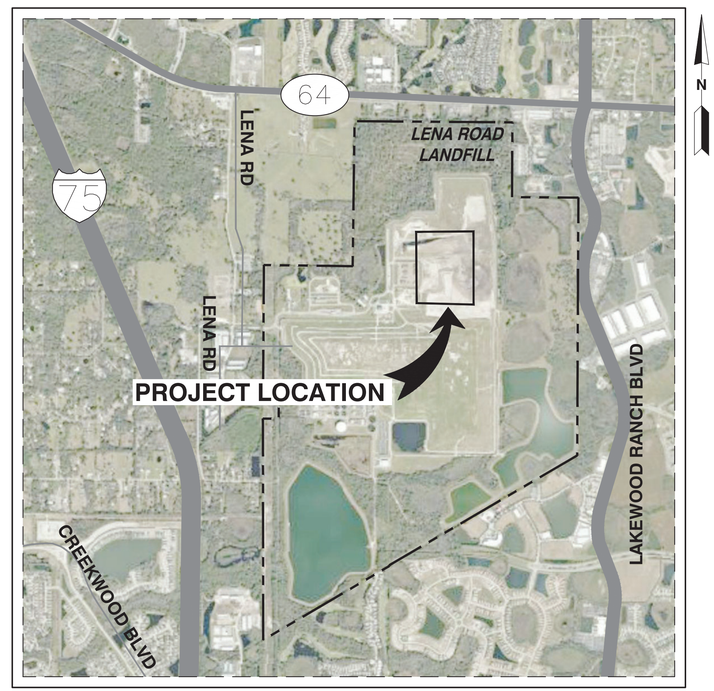
CERTIFICATION OF CONSTRUCTION COMPLETION SUBSEQUENCE 4A

MANATEE COUNTY, FLORIDA

JANUARY 2022

Sheet List Table

Sheet Number	Sheet Title
1	COVER SHEET
2	SUBSEQUENCE 4A EXPANSION
3	SECTIONS
4	SECTIONS



1500 0 1500 3000
SCALE FEET

LOCATION MAP

MANATEE COUNTY BOARD OF COUNTY COMMISSIONERS

JAMES SATCHER	DISTRICT 1
REGGIE BELLAMY	DISTRICT 2
KEVIN VAN OSTENBRIDGE	DISTRICT 3
MISTY SERVIA	DISTRICT 4
VANESSA BAUGH	DISTRICT 5
CAROL WHITMORE	AT LARGE
GEORGE KRUSE	AT LARGE

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS, INC.
3922 COCONUT PALM DRIVE, SUITE 102
TAMPA, FL 33619
PH. (813) 621-0080 FAX. (813) 623-6757
FIRM REGISTRATION RY 4892
WWW.SCSENGINEERS.COM

SCS PROJECT NO. 09217088.24

Always call 811 two full business days before you dig
Sunshine811.com

WHEN DRAWINGS ARE REDUCED IN SIZE FROM ORIGINAL 24" X 36", SCALING WILL NOT BE ACCURATE.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY SHANE R. FISCHER, P.E. ON THE DATE ADJACENT TO THE SEAL.

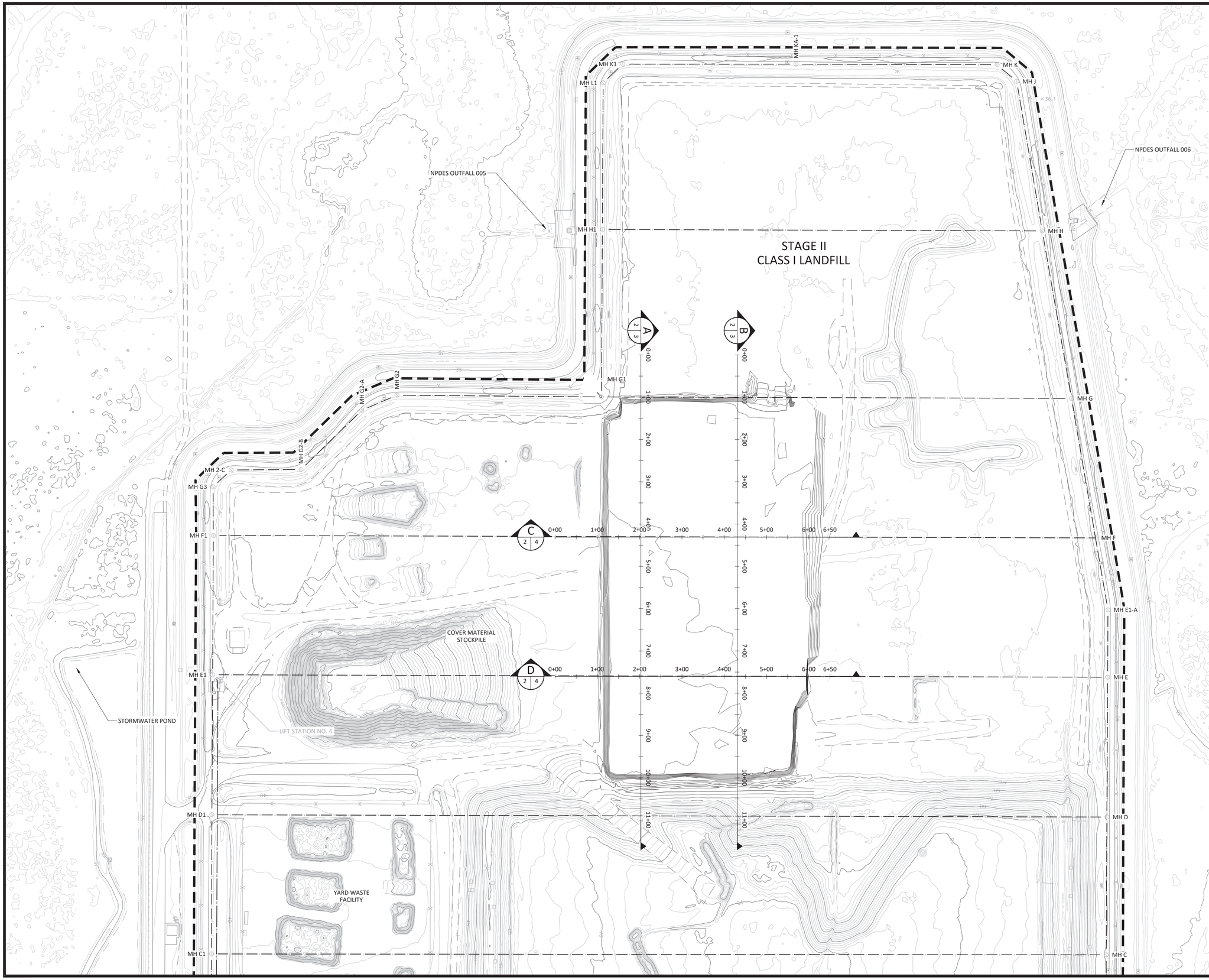
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

SHANE R. FISCHER LICENSE No 58026 STATE OF FLORIDA PROFESSIONAL ENGINEER

Shane Fischer Digitally signed by Shane Fischer Date: 2022.02.03 15:23:44 -05'00'

SHANE R. FISCHER, P.E.
LICENSE NO. 58026

F:\PROJECT\09217088.24\Drawings\Engineering Drawings\01-COVER SHEET.dwg Jan 05, 2022 - 7:47pm Layout Name: Layout1 By: 4745ald



NOTES:

1. TOPOGRAPHY WITHIN STAGE II COMPILED BY PICKETT AND ASSOCIATES INC., USING PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHS DATED FEBRUARY 3, 2021. SHOWN FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT REFLECT ACTUAL CONDITIONS.
2. STAGE II LEACHATE COLLECTION SYSTEM BASED ON RECORD DRAWINGS OBTAINED FROM SET TITLED "STAGE 2 - LEACHATE COLLECTION SYSTEM, PUMP STATION, AND FORCEMAIN", DATED JANUARY 1990 AND SUBSEQUENT REVISION OCTOBER 1991 BY MANATEE COUNTY.
3. TOPOGRAPHY WITHIN SEQUENCE 4-A OBTAINED FROM SPECIFIC SITE SURVEY BY HYATT SURVEY SERVICES, INC., DATED JANUARY, 2022.

LEGEND

LEACHATE COLLECTION SYSTEM
SLURRY WALL
LEACHATE COLLECTION MANHOLE

REV	DATE	DESCRIPTION	CHK. BY

SHEET TITLE
SUBSEQUENCE 4A EXPANSION

PROJECT TITLE
CERTIFICATION OF CONSTRUCTION COMPLETION

CLIENT
MANATEE COUNTY
UTILITIES DEPARTMENT
SOLID WASTE DIVISION
3333 LENA ROAD
BRADENTON, FL 34211

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
3922 COCONUT PALM DRIVE, SUITE 102, TAMPA, FL 33619
PH (813) 621-0080 FAX NO. (813) 623-6757
FLORIDA FIRM REGISTRATION RY-4892

PROJ. NO. 09217088.24
DWN. BY: ALD
Q/A RVW BY: SRF
DSN. BY:
CHK. BY: SRF
APP. BY:

CADD FILE:
4A AS BUILT ON EXISTING TOPO

DATE:
JANUARY 2022

DRAWING NO.
2

SHEET 2 of 4

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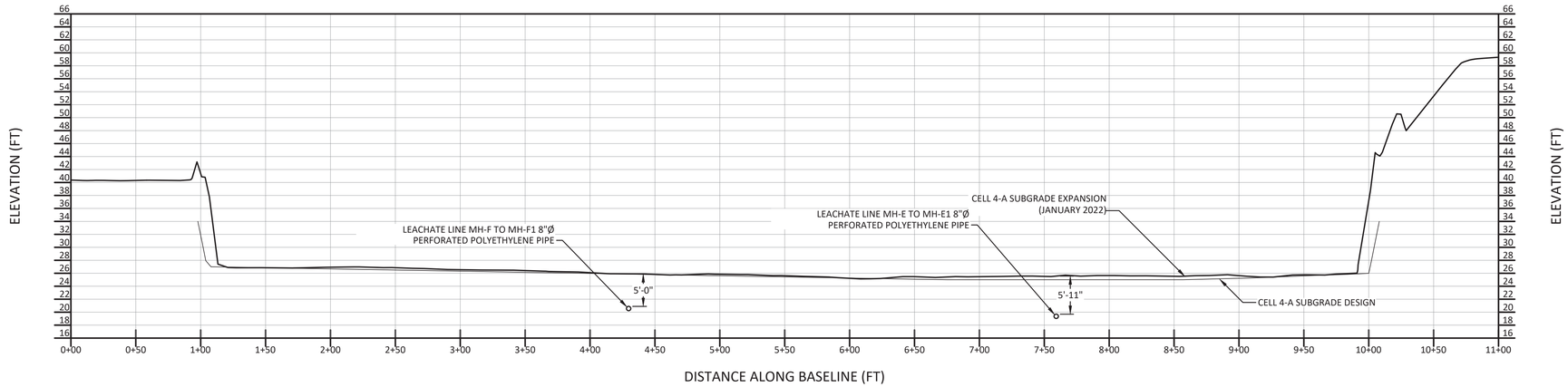
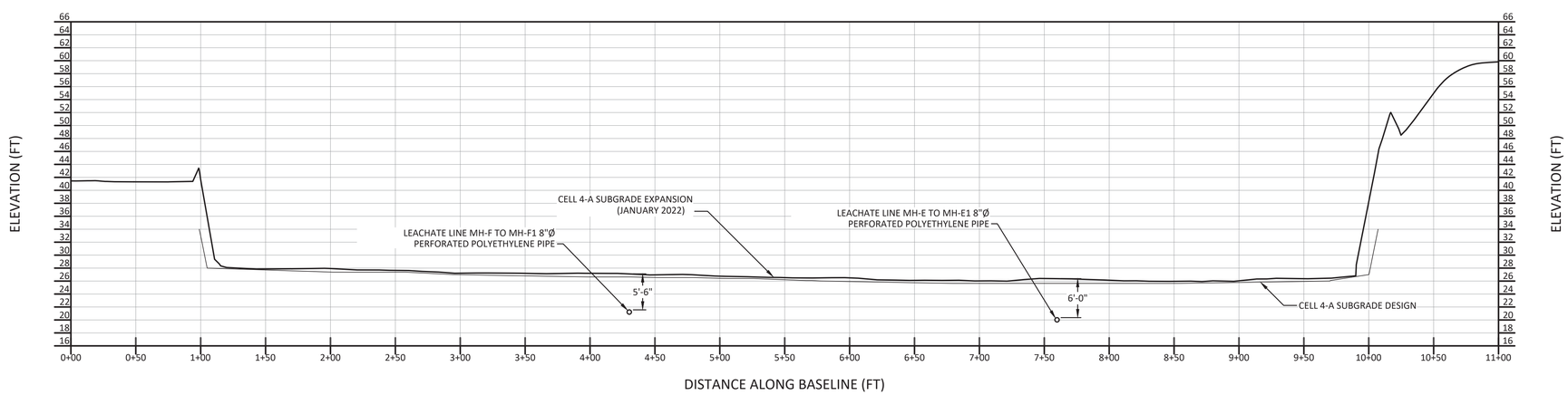


SECTION A
1"=50' HORIZONTAL
1"=10' VERTICAL
2 | 3



SECTION B
1"=50' HORIZONTAL
1"=10' VERTICAL
2 | 3

REV	DATE	DESCRIPTION	CHK. BY

SHEET TITLE
SECTIONS

PROJECT TITLE
CERTIFICATION OF CONSTRUCTION COMPLETION

CLIENT
MANATEE COUNTY
UTILITIES DEPARTMENT
SOLID WASTE DIVISION
3333 LENA ROAD
BRADENTON, FL 34211

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CONSULTING ENGINEERS
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PH (813) 621-0080 FAX NO. (813) 623-6757
FLORIDA FIRM REGISTRATION RY-4892

PROJ. NO. 09217088.24 | DWN. BY: ALD | CLR. BY: SRF | CHK. BY: SRF | QLA KNW BY: SRF | APP. BY:

CADD FILE:
4A AS BUILT ON EXISTING TOPO

DATE:
JANUARY 2022

DRAWING NO.
3

SHEET 3 of 4

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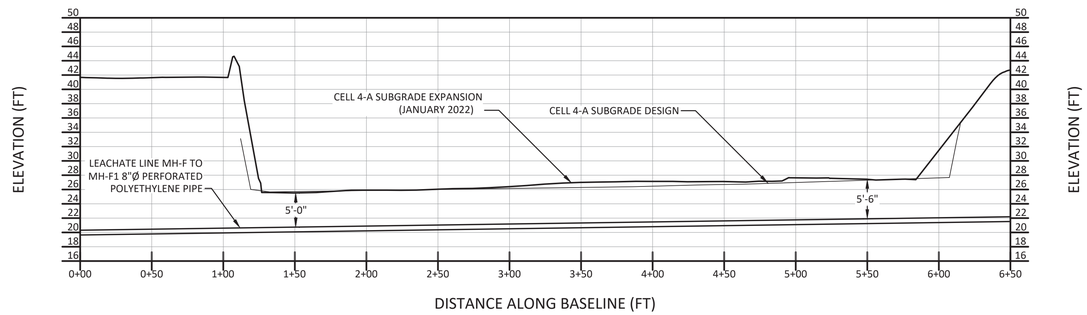
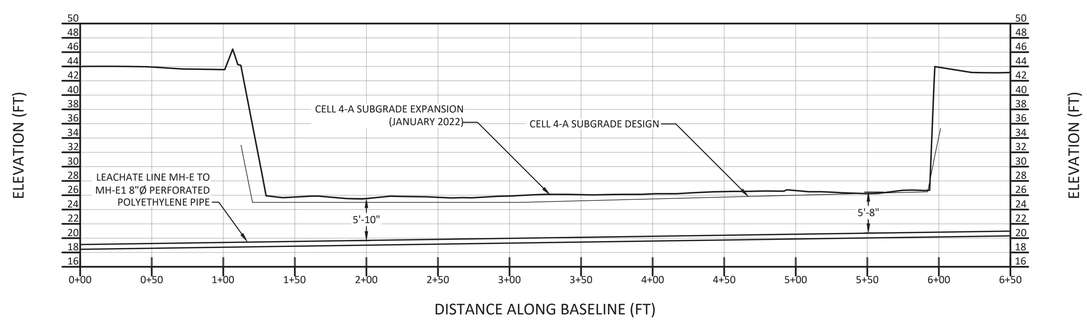


SECTION C
1"=50' HORIZONTAL
1"=10' VERTICAL
2 | 4



SECTION D
1"=50' HORIZONTAL
1"=10' VERTICAL
2 | 4

REV	DATE	DESCRIPTION	CHK. BY

SHEET TITLE
SECTIONS

PROJECT TITLE
CERTIFICATION OF CONSTRUCTION COMPLETION

CLIENT
MANATEE COUNTY
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PROJ. NO. 09217088.24
DWN. BY: ALD
CHK. BY: SRF
QA/A RVW BY:
APP. BY:
DSN. BY:

CADD FILE:
4A AS BUILT ON EXISTING TOPO

DATE:
JANUARY 2022

DRAWING NO.
4

SHEET **4** of **4**

F:\PROJECT\09217088.24\Drawings\Engineering Drawings\4A AS BUILT ON EXISTING TOPO.dwg Jan 29, 2022 – 5:28pm Layout Name: SECTION C D By: 4745dld

ATTACHMENT C

PHOTOGRAPHS

Photo: 1 Description: Subsequence 4A looking northwest.	

Photo: 2 Description: Subsequence 4A looking southeast.	

Photo: 3 Description: Subsequence 4A looking south.	

Photo: 4 Description: Subsequence 4A looking south.	