

May 25, 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 4B Expansion Construction Project

Dear Ms. Kromhout:

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 4B 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 February 2022 and was completed in May 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.

The Certification of Construction Completion of a Solid Waste Management Facility form for the Manatee County Lena Road Landfill Subsequence 4B Expansion is included in Attachment 1.

An as-built survey of the Project was conducted by Hyatt Survey Services, Inc. (Hyatt) and is provided in Attachment 2.

As indicated on Drawings 3 and 4 provided in Attachment 3, base grades for Subsequence 4B 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 4B.

Representative photographs of the Project collected by SCS are also provided in Attachment 4 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.

Ms. Elizabeth Kromhout, PG  
May 25, 2022  
Page 2

Sincerely,



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



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

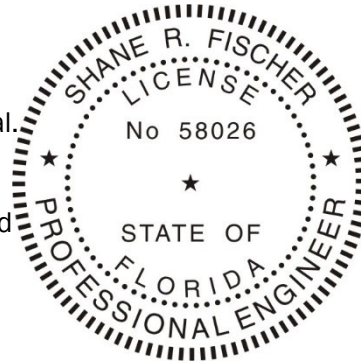
SRF/srf

cc: Robert Shankle, Manatee County  
Bryan White, Manatee County  
Anthony Detweiler, Manatee County  
Steven Tafuni, FDEP Southwest District  
Joe Dertien, PE, FDEP Tallahassee

Enclosures

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

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signed and sealed and the signature must be verified  
on any electronic copies.





ATTACHMENT A

Certification of Construction Completion of a Solid Waste  
Management Facility form for the Manatee County Lena Road  
Landfill Subsequence 4B Expansion



# Department of Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

DEP Form # 62-701.900(2)

Form Title Certification of Construction Completion  
of a Solid Waste Management Facility

Effective Date May 19, 1994

## Certification of Construction Completion of a Solid Waste Management Facility

DEP Construction Permit No: 39884-021-SO-01 County: Manatee County

Name of Project: Manatee County Lena Road Landfill Subsequence 4B Expansion

Name of Owner: Manatee County Board of County Commissioners

Name of Engineer: SCS Engineers

Type of Project: Excavation of Subsequence 4B Expansion to permitted base grades prior to placement of waste.  
The Lena Road Landfill is a slurry wall landfill that does not have a geosynthetics leachate collection and detection system.

Cost: Estimate \$ N/A, County conducted excavation Actual \$ N/A, County conducted excavation

Site Design Quantity: 1,035 ton/day Site Acreage: Total site 316 Acres

Deviations from Plans and Application Approved by DEP (attach additional pages as needed):

Excavation of the Subsequence 4B Expansion was completed in general accordance with the  
Permit. No significant deviations occurred during excavation. Refer to the certification report.

Address and Telephone No. of Site: 3333 Lena Road, Bradenton, FL 34211  
(941) 748-5543

Name(s) of Site Supervisor: Bryan White

Date Site inspection is requested: At the Department's convenience.

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction

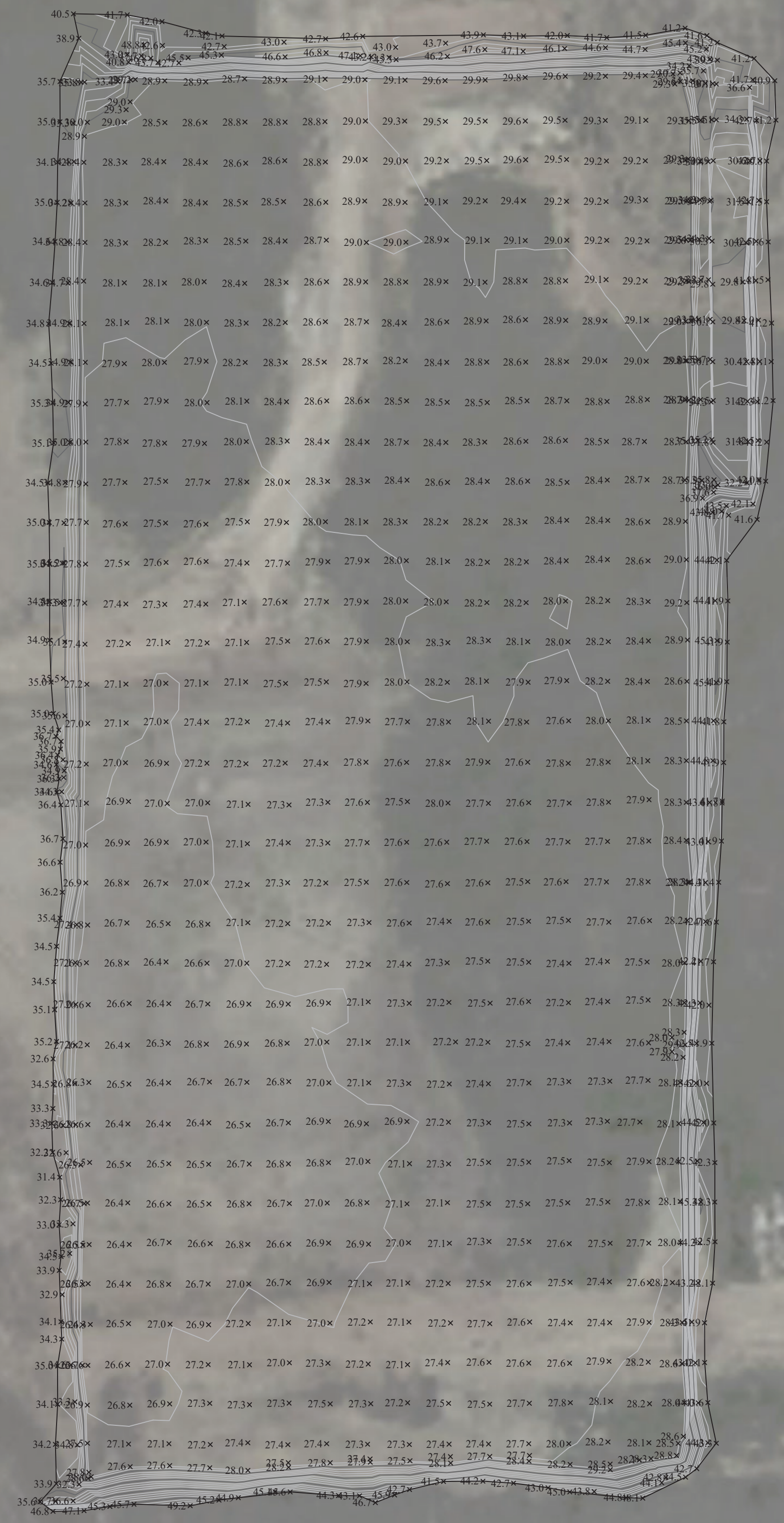
Permit No.: 39884-021-SO-01 Dated: July 29, 2021

Date: May 25, 2022

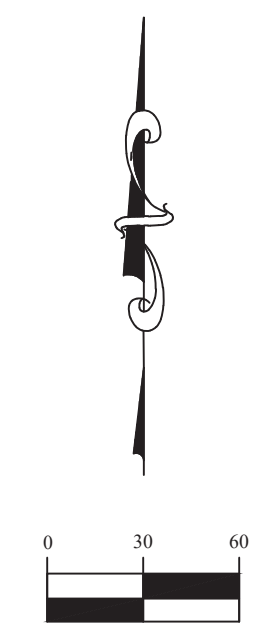
**Shane Fischer** Digitally signed  
by Shane Fischer  
Date: 2022.05.25  
16:26:11 -04'00'

ATTACHMENT B  
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.

**LEGEND**

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



PROJECT #	12-1697-17
SURVEY #	
SECTION	1-355-19E
TWN RNG	6-355-19E
	31-345-19E
SCALE	1" = 60'
SURVEYED	HYATT 05/2022
DESIGNED	
DRAWN	DAR 05/2022
CHECKED	RPH 05/2022





ATTACHMENT C

SCS Certification Of Construction Completion Drawings



# MANATEE COUNTY UTILITIES DEPARTMENT

## LENA ROAD LANDFILL

# CERTIFICATE OF CONSTRUCTION COMPLETION SEQUENCE 4-B

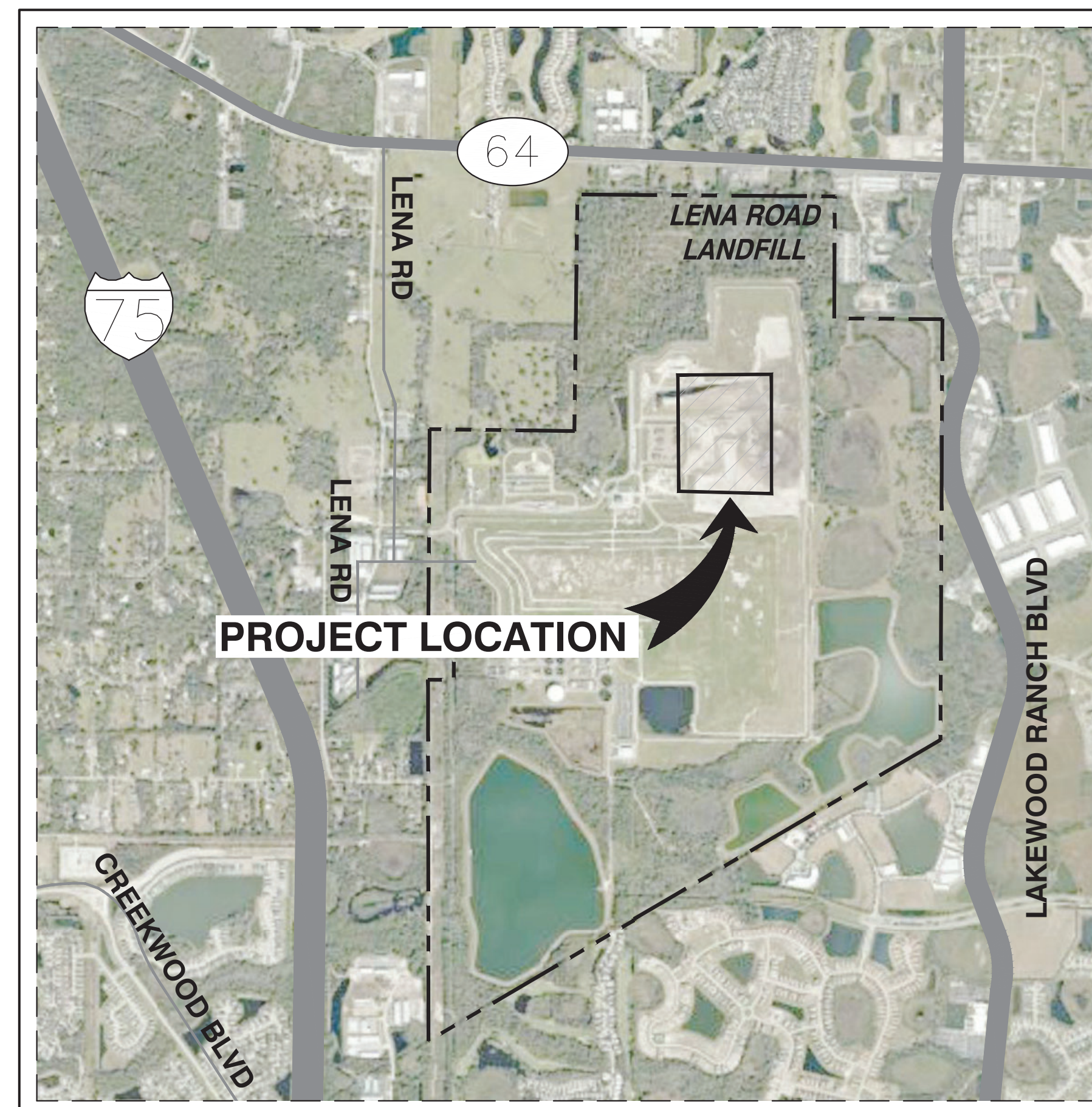
MANATEE COUNTY, FLORIDA

MAY 2022



### 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



1500 0 1500 3000  
SCALE FEET

LOCATION MAP

**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

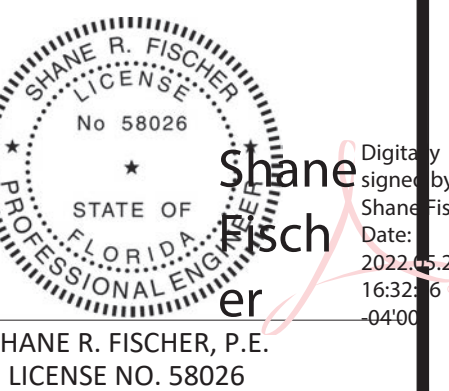
Sheet List Table	
Sheet Number	Sheet Title
1	COVER SHEET
2	SEQUENCE 4-B EXPANSION
3	SECTIONS
4	SECTIONS

F:\PROJECT\09217088.24\Drawings\Engineering\Drawings\4B-COVER SHEET.dwg May 24, 2022 - 5:17pm Layout Name: Layout1 By: 4745ald

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

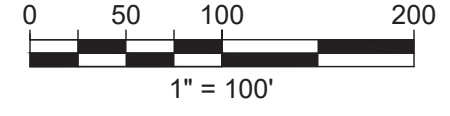
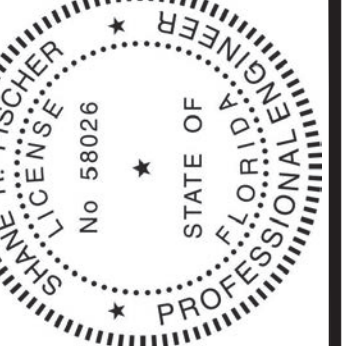


THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY SHANE R. FISCHER, P.E. ON THE DATE ADJACENT TO THE SEAL.  
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.





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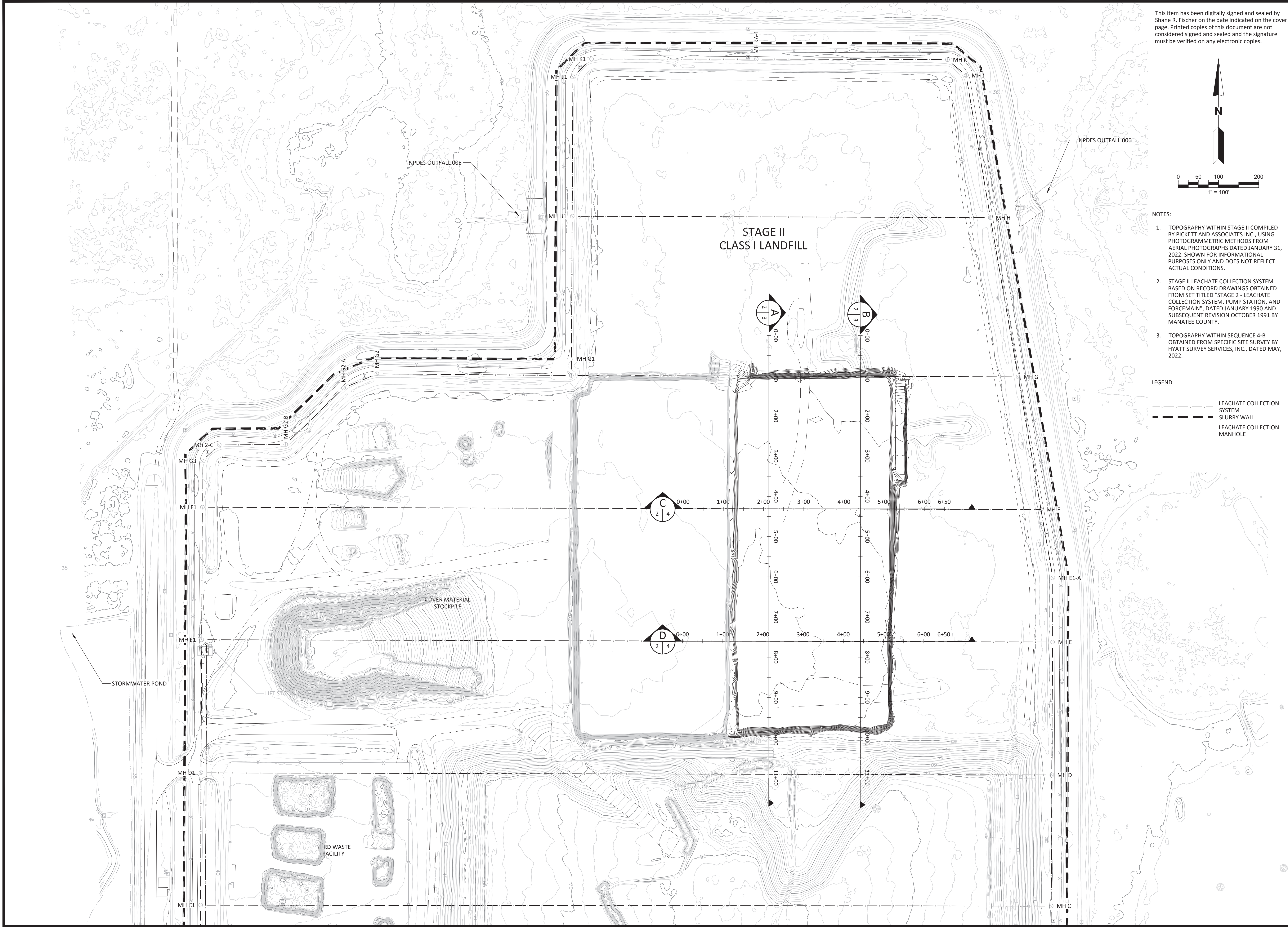


**NOTES:**

1. TOPOGRAPHY WITHIN STAGE II COMPILED BY PICKETT AND ASSOCIATES INC., USING PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHS DATED JANUARY 31, 2022. 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-B OBTAINED FROM SPECIFIC SITE SURVEY BY HYATT SURVEY SERVICES, INC., DATED MAY, 2022.

**LEGEND**

- LEACHATE COLLECTION SYSTEM
- SLURRY WALL
- LEACHATE COLLECTION MANHOLE



CHK. BY	DESCRIPTION	DATE	REV

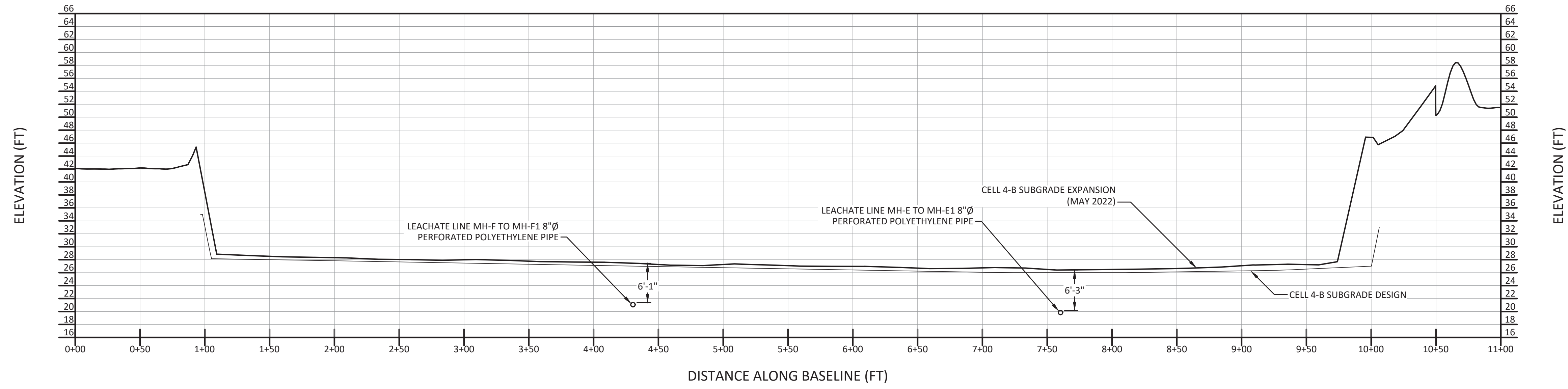
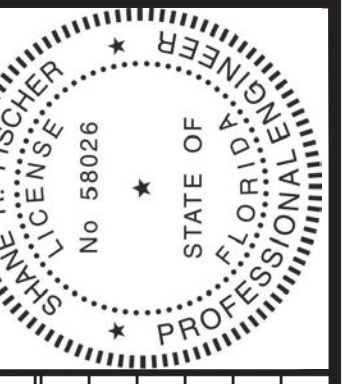
SHEET TITLE	<b>SEQUENCE 4-B EXPANSION</b>
PROJECT TITLE	<b>CERTIFICATION OF CONSTRUCTION COMPLETION</b>

CLIENT	<b>MANATEE COUNTY UTILITIES DEPARTMENT SOLID WASTE DIVISION 3333 LENA ROAD BRADENTON, FL 34211</b>
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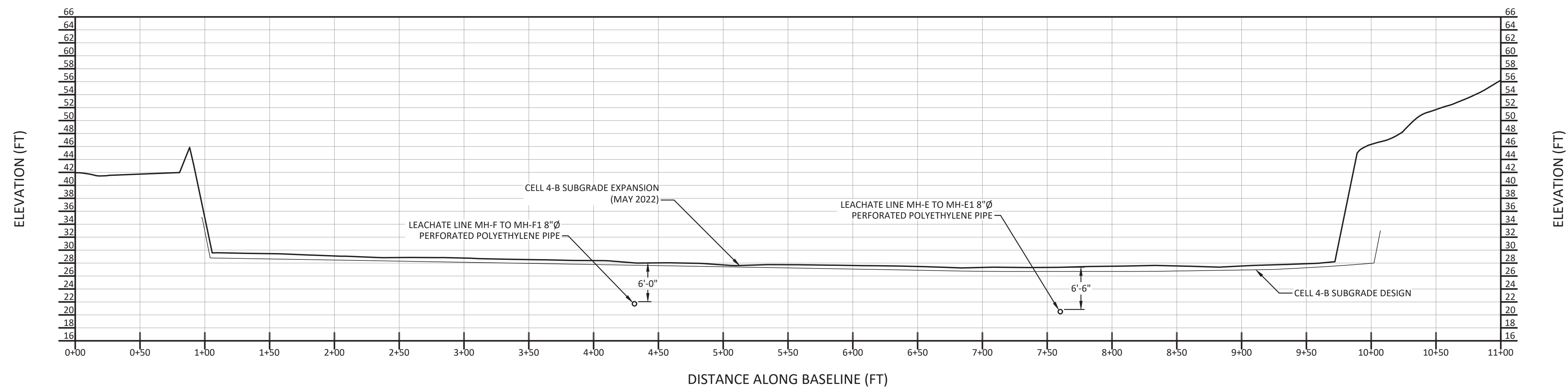
<b>SCS ENGINEERS</b> STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS 3922 COCONUT PALM DRIVE, SUITE 102, TAMPA, FL 33619 PH (813) 821-0080 FAX NO. (813) 625-6757 FLORIDA FIRM REGISTRATION RY-4892	DWN. BY: AID CHK. BY: SRF CADD FILE: 4B AS BUILT ON EXISTING TOPO DATE: MAY 2022 DRAWING NO. <b>2</b> SHEET <b>2</b> of <b>4</b>
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**SECTION A**  
1"=50' HORIZONTAL  
1"=10' VERTICAL



**SECTION B**  
1"=50' HORIZONTAL  
1"=10' VERTICAL

REV	DATE	DESCRIPTION	CHK. BY
1			
2			
3			
4			
5			

SHEET TITLE	SECTIONS
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  
 DATE: 05/24/22  
 DWN. BY: AID  
 CHK. BY: SRF  
 Q/A/R/W BY: SRF  
 APP. BY: SRF

CADD FILE:  
48 AS BUILT ON EXISTING TOPO

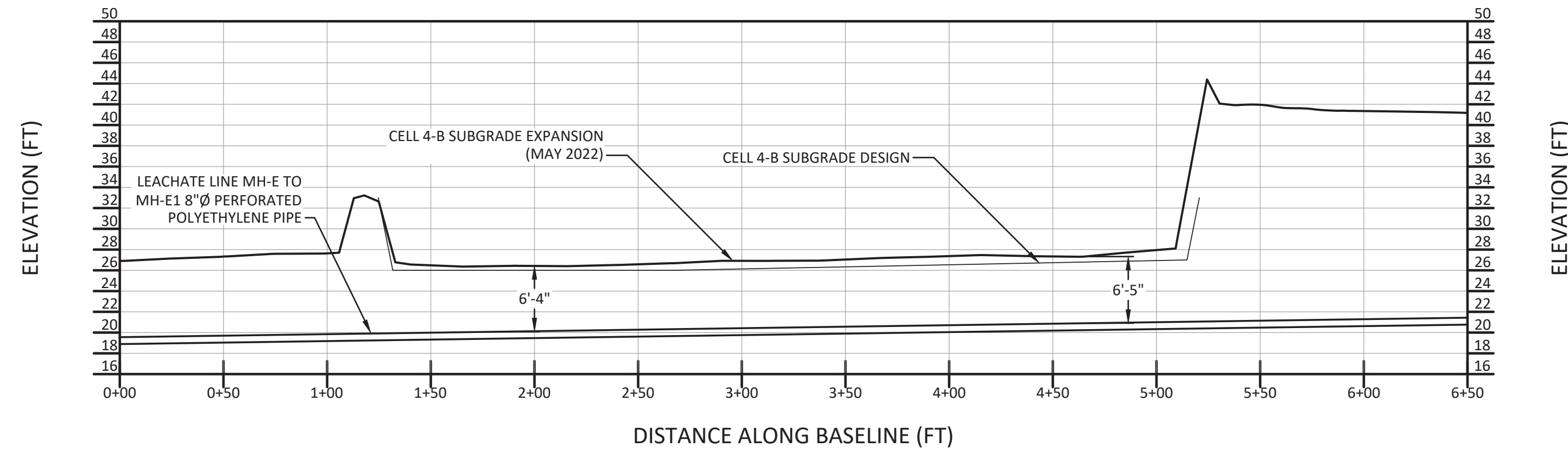
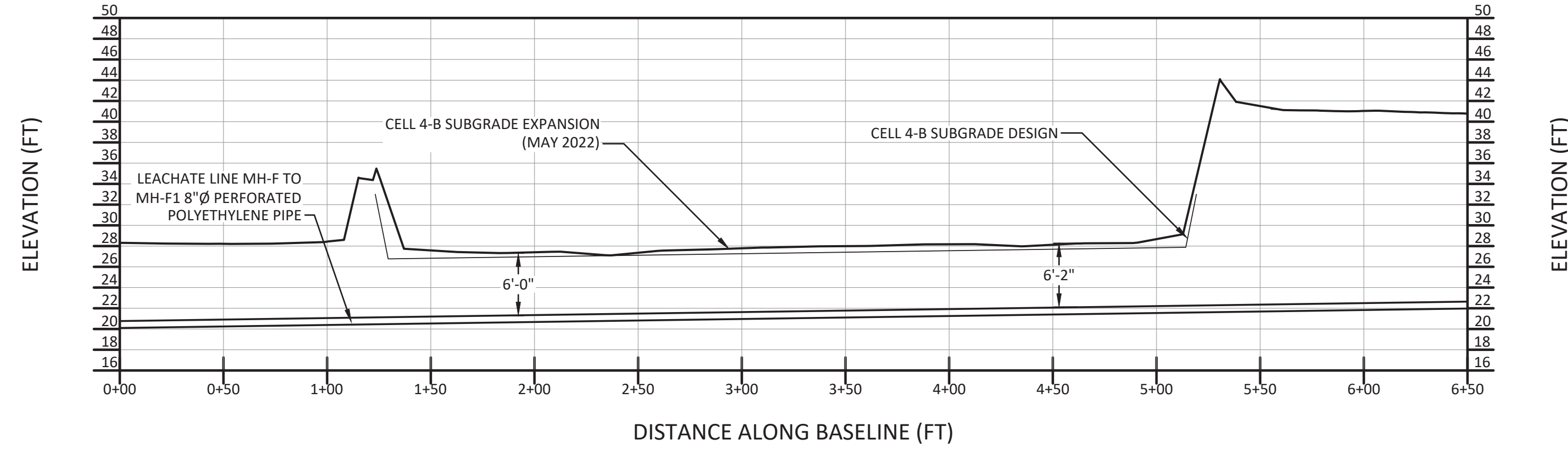
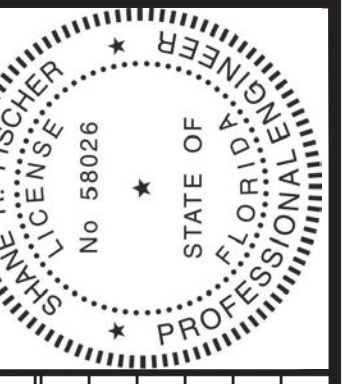
DATE:  
MAY 2022

DRAWING NO.  
**3**

SHEET **3** of **4**



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REV	DATE	DESCRIPTION	CHK. BY
1			
2			
3			
4			

SHEET TITLE	<b>SECTIONS</b>
PROJECT TITLE	<b>CERTIFICATION OF CONSTRUCTION COMPLETION</b>

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

**SCS ENGINEERS**  
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PROJ. NO. 09217088.24  
 DATE: MAY 2022

DWN. BY: AID  
 C/A: SRF  
 APP. BY: SRF

CADD FILE: 4B AS BUILT ON EXISTING TOPO  
 DATE: MAY 2022  
 DRAWING NO. **4**  
 SHEET **4** of **4**

ATTACHMENT D  
PHOTOGRAPHS



Photo: 1

Description:  
Subsequence 4B  
looking north.



Photo: 2

Description:  
Subsequence 4B  
looking north.

