SCS ENGINEERS

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-S0-01 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 RCFischer, P.E. Vice President SCS Engineers

SRF/srf

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

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

Enclosures

Printed copies of this document are not copied signed and sealed by

Shane R. Fischer, PE on the date Printed copies of this document are not considered signed and sealed and the signature must be verified



ATTACHMENT A

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

Reset Form





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

Acres

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 Landin is a slurry wan landin that does not have a geosynthetics reachate conection 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

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

Signature of Professional Engineer

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

Northwest District 160 Governmental Center Pensacola, FL 32501-5794 850-595-8360 Northeast District 7825 Baymeadows Way, Ste. B200 Jacksonville, FL 32256-7590 904-448-4300 Central District 3319 Maguire Blvd., Ste. 232 Orlando, FL 32803-3767 407-894-7555 Southwest District 3804 Coconut Palm Dr. Tampa, FL 33619 813-744-6100 South District 2295 Victoria Ave., Ste. 364 Fort Myers, FL 33901-3881 941-332-6975 Southeast District 400 North Congress Ave. West Palm Beach, FL 33401 561-681-6600

ATTACHMENT B

Hyatt Asbuilt Survey

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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				

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29.1× 29.2× 2992888978× 29.8***5

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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

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

THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND RAISED SEAL OR ELECTRONIC SIGNATURE OF A FLORIDA LICENSED SURVEYOR AND MAPPER.LENA ROAD LANDFILL MANATEE COUNTY, FLORIDARUSSELI P HyattDigitally signed by Russell P HyattTOPOGRAPHIC SURVEYRUSSELI P HYATT, P.S.M.Digitally signed by Russell P HyattTOPOGRAPHIC SURVEYRUSSELI P. HYATT, P.S.M.TOPOGRAPHIC SURVEYRUSSELI P. HYATT, P.S.M.	THIS SURVEY IS NOT VALID WITHOUT AND RAISED SEAL OR ELECTRONIC SI FLORIDA LICENSED SURVEYOR AND RUSSELL P. HYATT, P.S.M. RUSSELL P. HYATT, P.S.M. FLORIDA SURVEYORS REGISTRATION
LENA ROAD LANDFILL MANATEE COUNTY, FLORIDA TOPOGRAPHIC SURVEY	PROJECT # 12-1697-17 SURVEY # 12-355-18E SURVEYED 1-355-18E SURVEYED 17-355-18E SURVEYED 17-355-18E
	SURVEY # SECTION TWN RNG 1-35S-18E 6-35S-19E 31-34S-19E SCALE 1" = 60 SURVEYED HYATT 05/2022 DESIGNED

ATTACHMENT C

SCS Certification Of Construction Completion Drawings

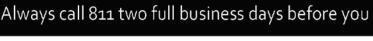
MANATEE COUNTY UTILITIES DEPARTMENT LENA ROAD LANDFILL **CERTIFICATE OF CONSTRUCTION COMPLETION SEQUENCE 4-B MANATEE COUNTY, FLORIDA MAY 2022**



MANATEE COUNTY BOARD OF COUNTY COMMISSIONERS

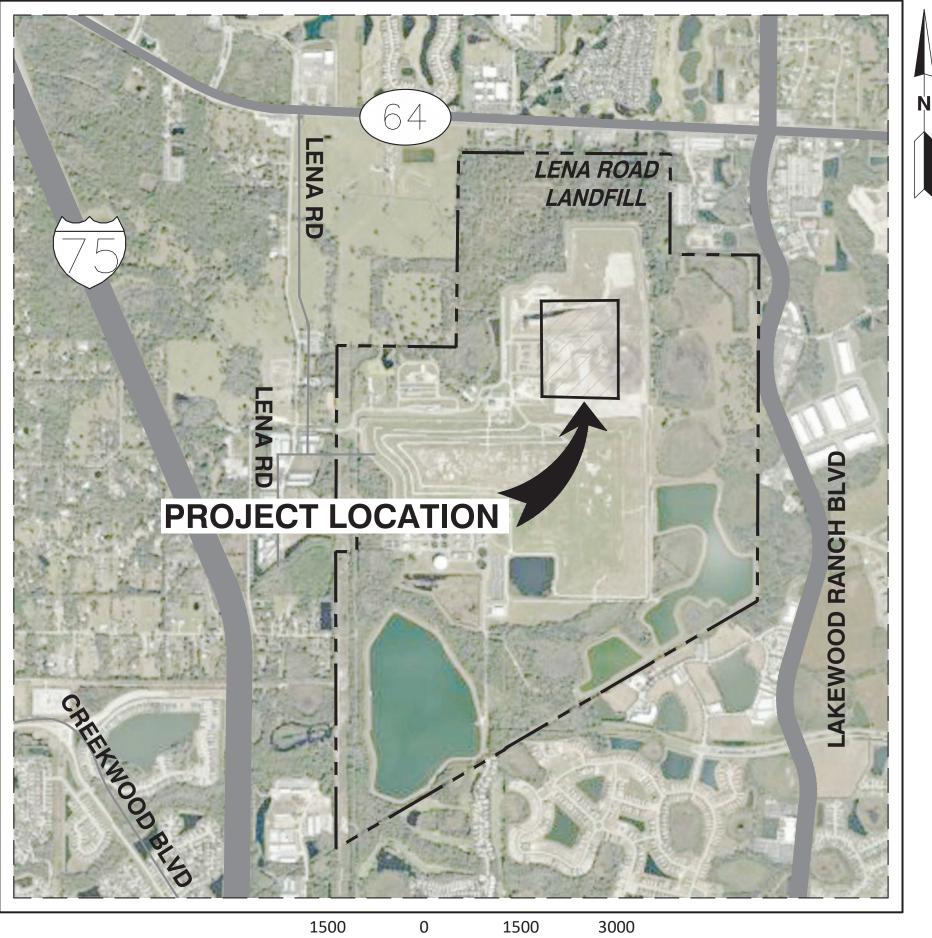
JAMES SATCHER REGGIE BELLAMY KEVIN VAN OSTENBRIDGE MISTY SERVIA VANESSA BAUGH **CAROL WHITMORE GEORGE KRUSE**

DISTRICT 1 DISTRICT 2 DISTRICT 3 DISTRICT 4 DISTRICT 5 AT LARGE AT LARGE





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



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

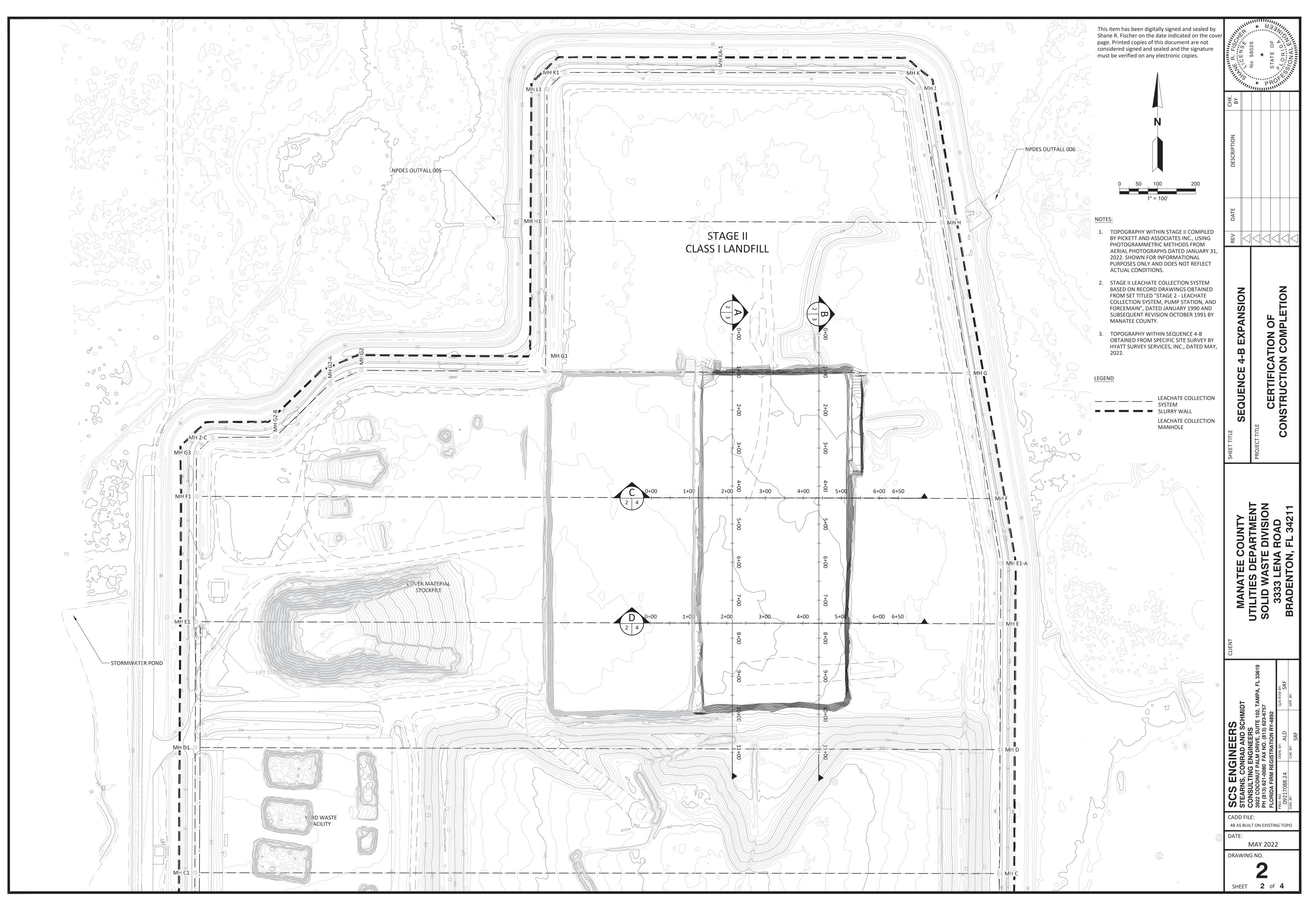
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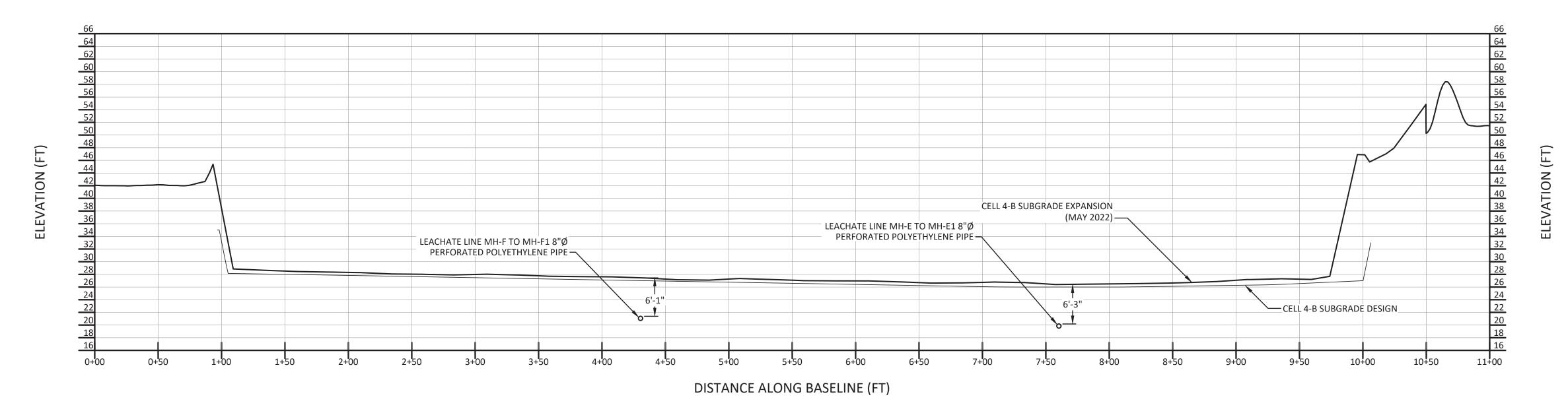
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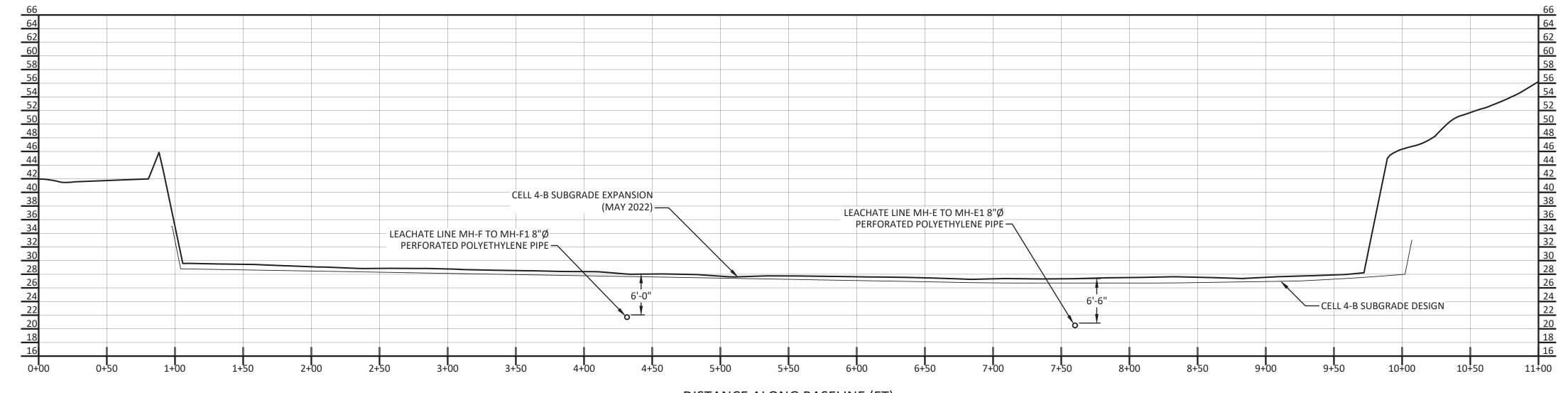


THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY SHANE R. FISCHER, P.E. ON THE DATE ADJACENT TO THE SEAL

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









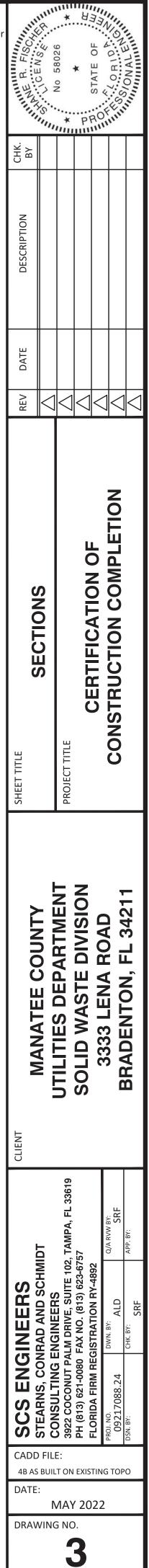


DISTANCE ALONG BASELINE (FT)



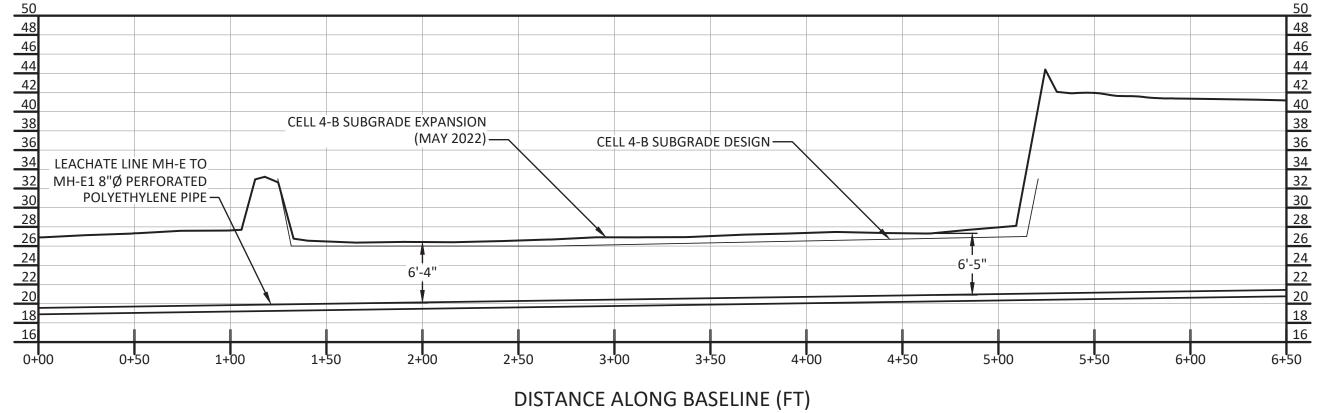
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ELEVATION (FT)



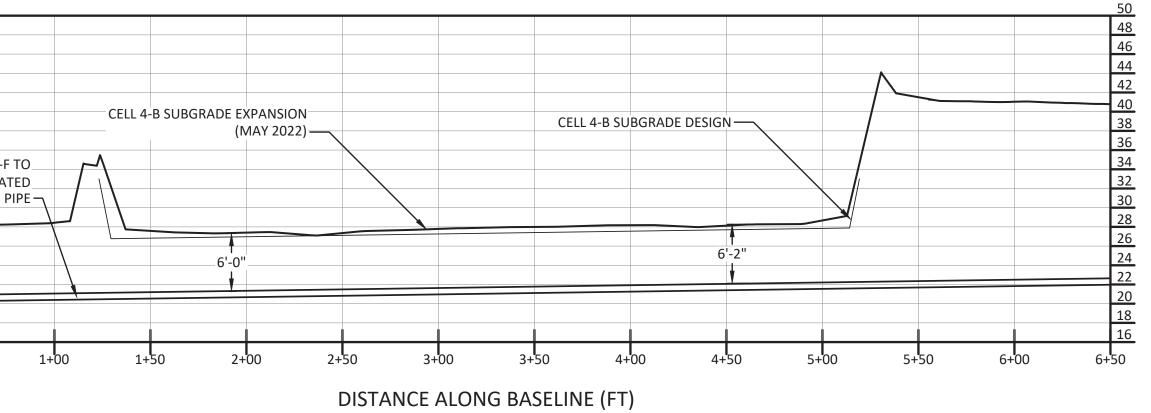
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ATTACHMENT D PHOTOGRAPHS

