

GREEN MEADOW SUSTAINABLE SOLUTIONS LANDFILL ENGINEERING DRAWINGS

PREPARED FOR:

**GREENWAY ENVIRONMENTAL
SERVICES, LLC.**

GREENWAY ENVIRONMENTAL SERVICES, LLC.
4451 U.S. HIGHWAY 61
FAYETTE, MISSISSIPPI 39069

PREPARED BY:

DECEMBER 2024

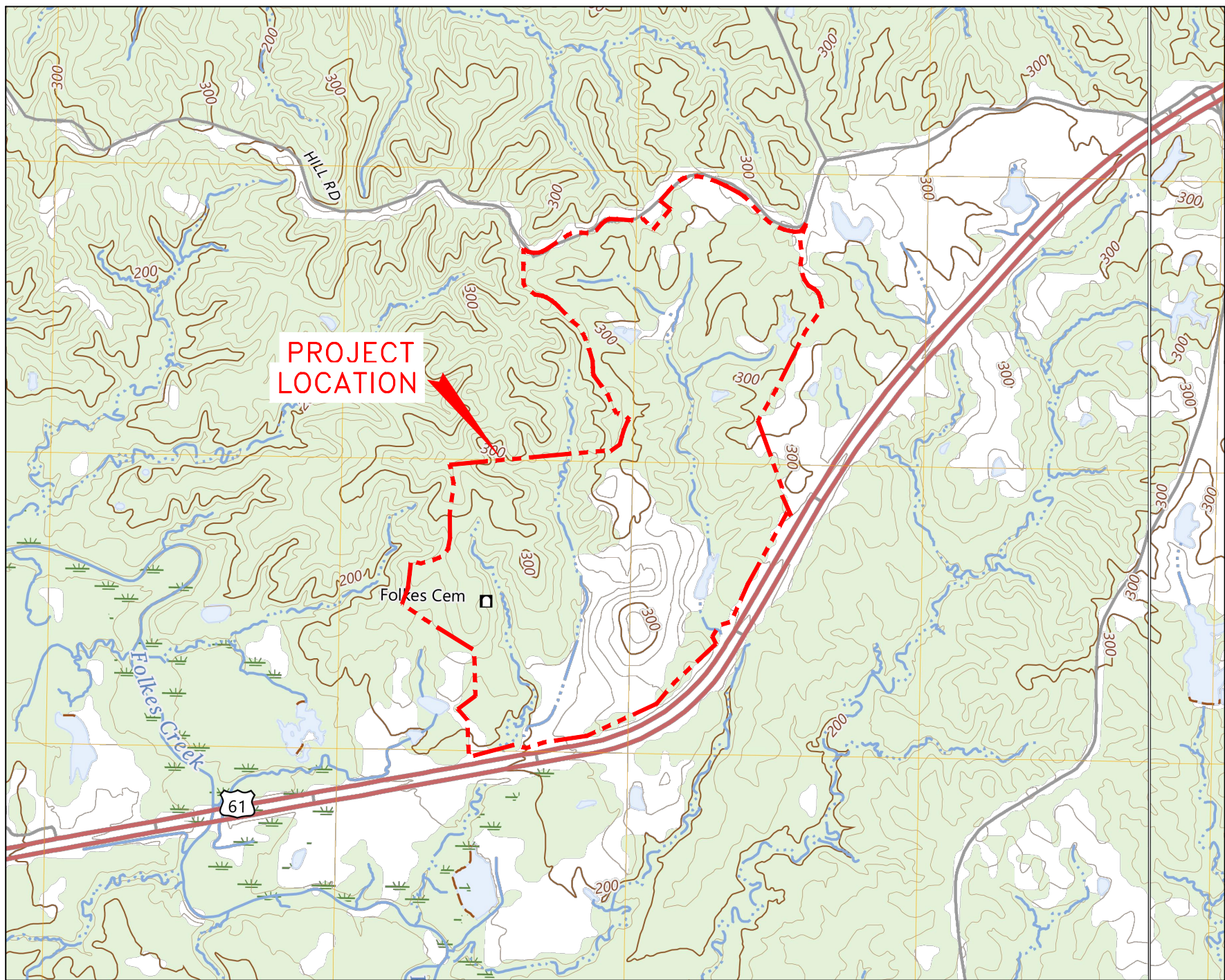
BY:

**JEFFREY L. ALLEN, P.E.
PROFESSIONAL ENGINEER
MISSISSIPPI REGISTRATION NO. 13161**

 **ALLEN** ENGINEERING AND SCIENCE
6360 I-55 North, Suite 330, Jackson, Mississippi
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VICINITY MAP
SCALE: N.T.S.



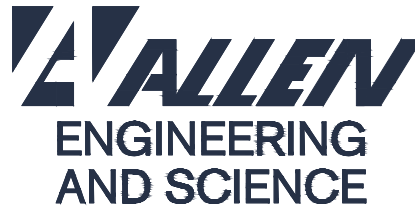
PROJECT LOCATION MAP
SCALE: 1" = 1,500'
LATITUDE: N31° 39' 11.21"
LONGITUDE: W91° 08' 36.32"

DRAWING INDEX		
DRAWING NO.	DESCRIPTION	REVISION NO.
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5B	GENERALIZED GEOLOGICAL CROSS-SECTION B-B'	0
5C	GENERALIZED GEOLOGICAL CROSS-SECTION C-C'	0
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5E	GENERALIZED GEOLOGICAL CROSS-SECTION E-E'	0
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23	ADJACENT PROPERTY OWNERS MAP	0

0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE

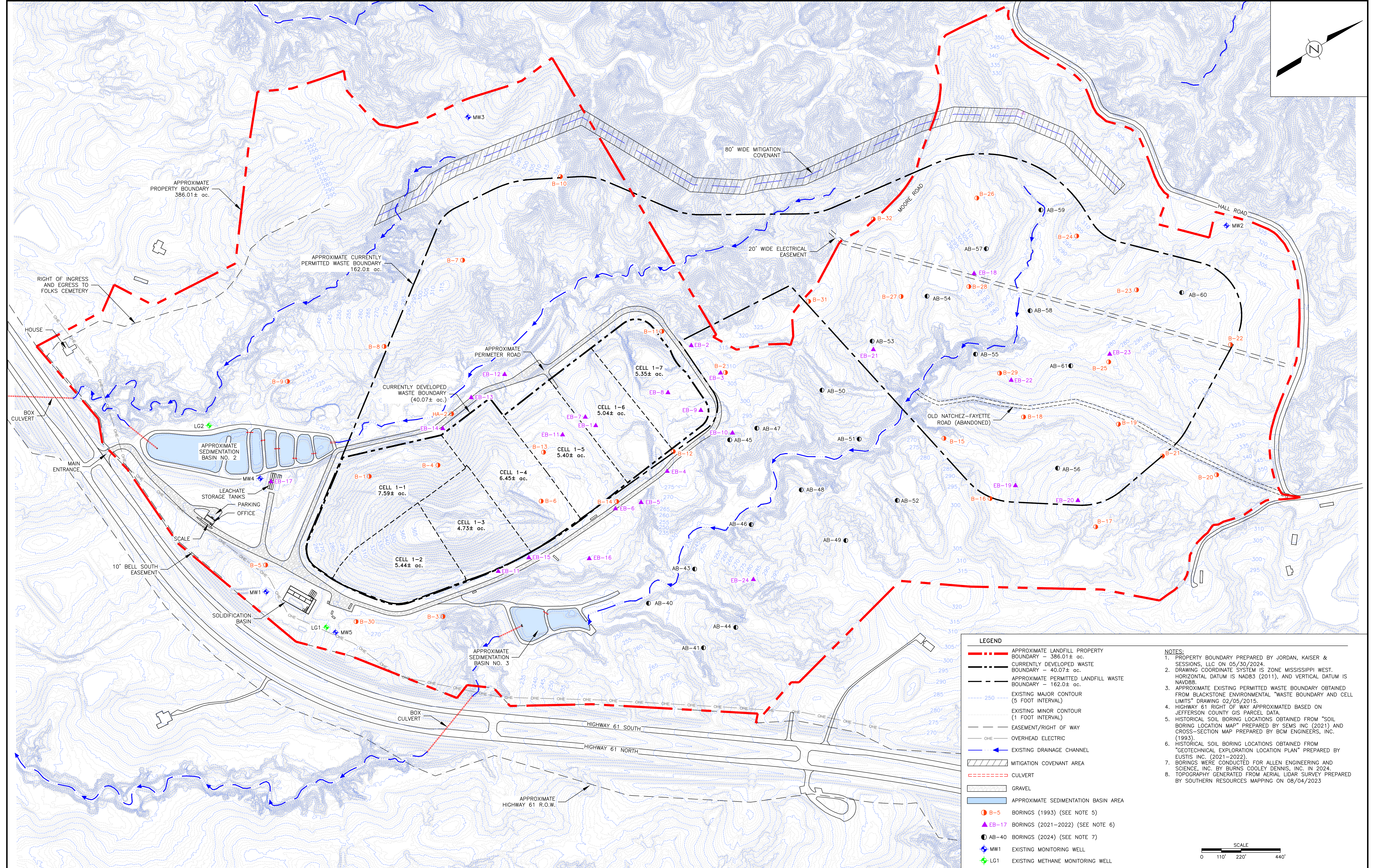
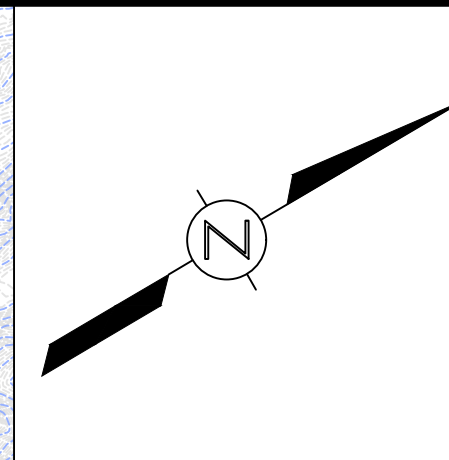


SCALE: AS SHOWN
DRAWN: P. LANNING
CHECKED: T. MABRY
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



PROJECT LOCATION MAP, VICINITY MAP, AND DRAWING INDEX	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI	

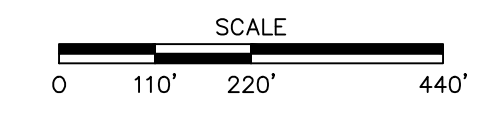
PROJECT No. 24051	
CAD FILE NAME 121624 DWG2 R00 INDEX	
DRAWING	REVISION
2	0



LEGEND

- APPROXIMATE LANDFILL PROPERTY BOUNDARY - 386.01± ac.
- CURRENTLY DEVELOPED WASTE BOUNDARY - 40.07± ac.
- APPROXIMATE PERMITTED LANDFILL WASTE BOUNDARY - 162.0± ac.
- EXISTING MAJOR CONTOUR (5 FOOT INTERVAL)
- EXISTING MINOR CONTOUR (1 FOOT INTERVAL)
- EASEMENT/RIGHT OF WAY
- OVERHEAD ELECTRIC
- EXISTING DRAINAGE CHANNEL
- MITIGATION COVENANT AREA
- CULVERT
- GRAVEL
- APPROXIMATE SEDIMENTATION BASIN AREA
- B-5 BORINGS (1993) (SEE NOTE 5)
- EB-17 BORINGS (2021-2022) (SEE NOTE 6)
- AB-40 BORINGS (2024) (SEE NOTE 7)
- MW1 EXISTING MONITORING WELL
- LG1 EXISTING METHANE MONITORING WELL

- NOTES:**
- PROPERTY BOUNDARY PREPARED BY JORDAN, KAISER & SESSIONS, LLC ON 05/30/2024.
 - DRAWING COORDINATE SYSTEM IS ZONE MISSISSIPPI WEST. HORIZONTAL DATUM IS NAD83 (2011), AND VERTICAL DATUM IS NAVD83.
 - APPROXIMATE EXISTING PERMITTED WASTE BOUNDARY OBTAINED FROM BLACKSTONE ENVIRONMENTAL "WASTE BOUNDARY AND CELL LIMITS" DRAWING 02/05/2015.
 - HIGHWAY 61 RIGHT OF WAY APPROXIMATED BASED ON JEFFERSON COUNTY GIS PARCEL DATA.
 - HISTORICAL SOIL BORING LOCATIONS OBTAINED FROM "SOIL BORING LOCATION MAP" PREPARED BY SEMS INC (2021) AND CROSS-SECTION MAP PREPARED BY BCM ENGINEERS, INC. (1993).
 - HISTORICAL SOIL BORING LOCATIONS OBTAINED FROM "GEOTECHNICAL EXPLORATION LOCATION PLAN" PREPARED BY EUSTIS INC. (2021-2022).
 - BORINGS WERE CONDUCTED FOR ALLEN ENGINEERING AND SCIENCE, INC. BY BURNS COOLEY DENNIS, INC. IN 2024.
 - TOPOGRAPHY GENERATED FROM AERIAL LIDAR SURVEY PREPARED BY SOUTHERN RESOURCES MAPPING ON 08/04/2023



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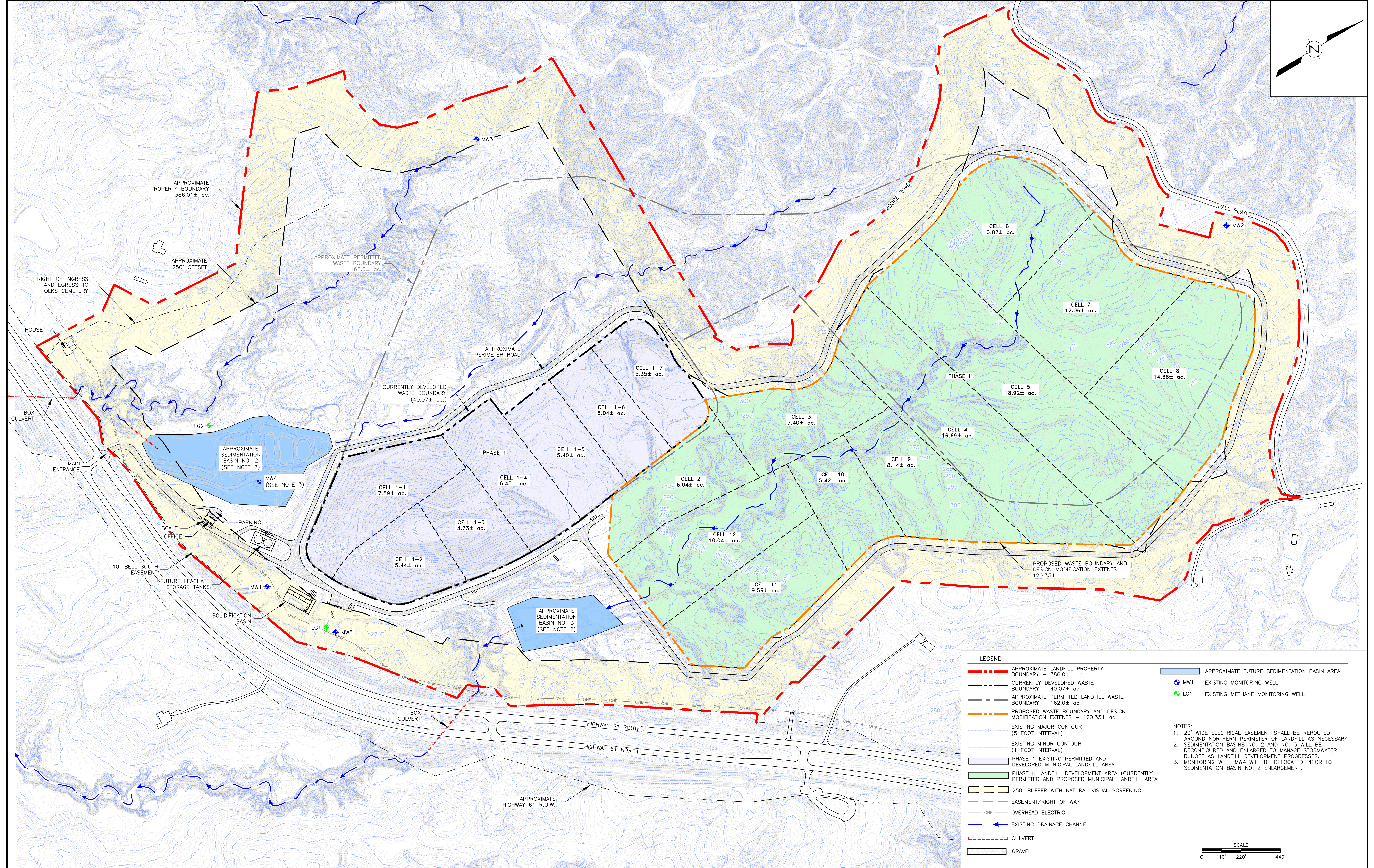
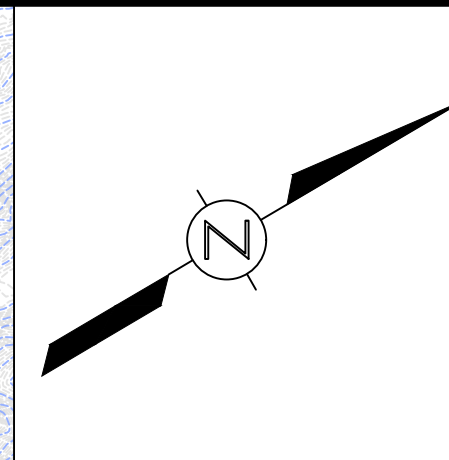
Green Meadow
SUSTAINABLE SOLUTIONS

SCALE: 1"=220'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024

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ENGINEERING
AND SCIENCE

EXISTING CONDITIONS
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI

PROJECT No. 24051
CAD FILE NAME 121624 DWG03 R0 GMLC
DRAWING 3
REVISION 0



LEGEND

- APPROXIMATE LANDFILL PROPERTY BOUNDARY - 386.01± ac.
- CURRENTLY DEVELOPED WASTE BOUNDARY - 40.07± ac.
- APPROXIMATE PERMITTED LANDFILL WASTE BOUNDARY - 162.0± ac.
- PROPOSED WASTE BOUNDARY AND DESIGN MODIFICATION EXTENTS - 120.33± ac.
- EXISTING MAJOR CONTOUR (5 FOOT INTERVAL)
- EXISTING MINOR CONTOUR (1 FOOT INTERVAL)
- PHASE I EXISTING PERMITTED AND DEVELOPED MUNICIPAL LANDFILL AREA
- PHASE II LANDFILL DEVELOPMENT AREA (CURRENTLY PERMITTED AND PROPOSED MUNICIPAL LANDFILL AREA)
- 250' BUFFER WITH NATURAL VISUAL SCREENING
- EASEMENT/RIGHT OF WAY
- OVERHEAD ELECTRIC
- EXISTING DRAINAGE CHANNEL
- CULVERT
- GRAVEL

- APPROXIMATE FUTURE SEDIMENTATION BASIN AREA
- MW1 EXISTING MONITORING WELL
- LG1 EXISTING METHANE MONITORING WELL

NOTES:

- 20' WIDE ELECTRICAL EASEMENT SHALL BE ROUTED AROUND NORTHERN PERIMETER OF LANDFILL AS NECESSARY.
- SEDIMENTATION BASINS NO. 2 AND NO. 3 WILL BE RECONFIGURED AND ENLARGED TO MANAGE STORMWATER RUNOFF AS LANDFILL DEVELOPMENT PROGRESSES.
- MONITORING WELL MW4 WILL BE RELOCATED PRIOR TO SEDIMENTATION BASIN NO. 2 ENLARGEMENT.

SCALE

0 110' 220' 440'

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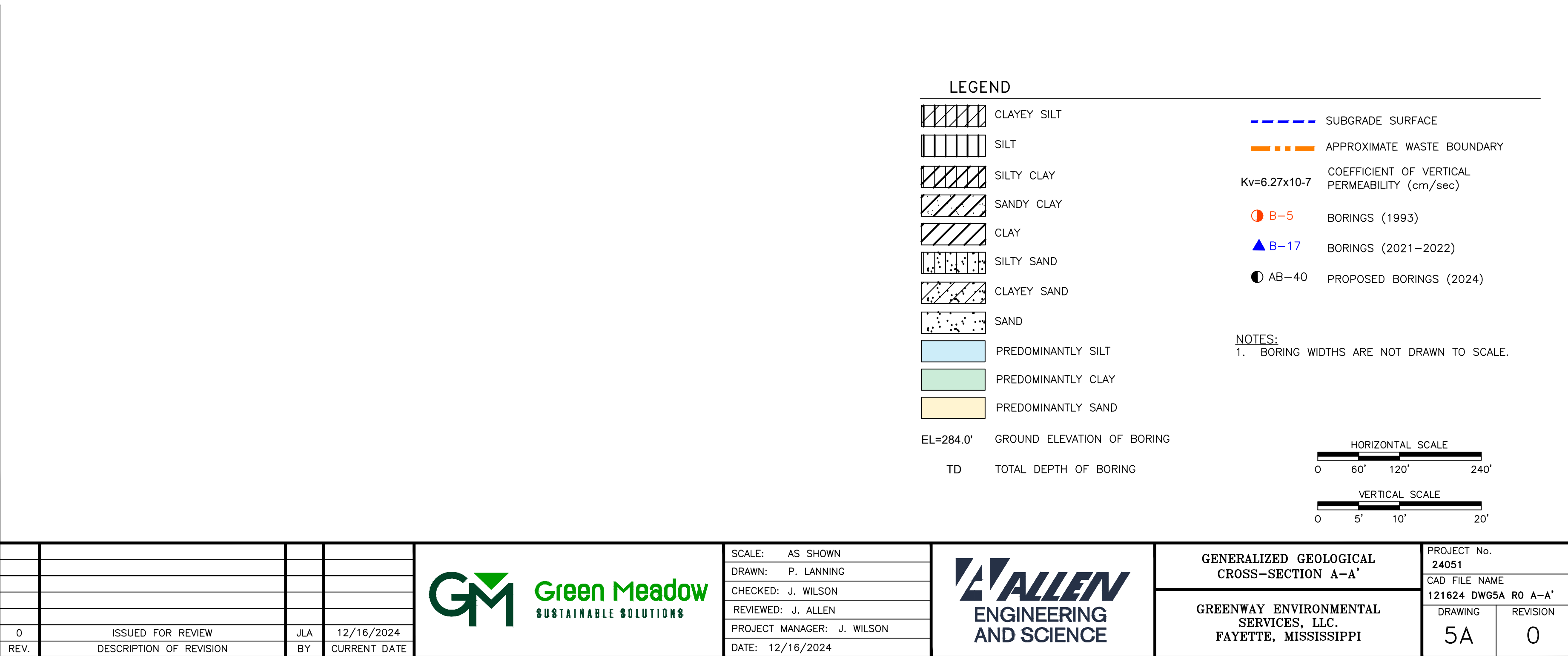
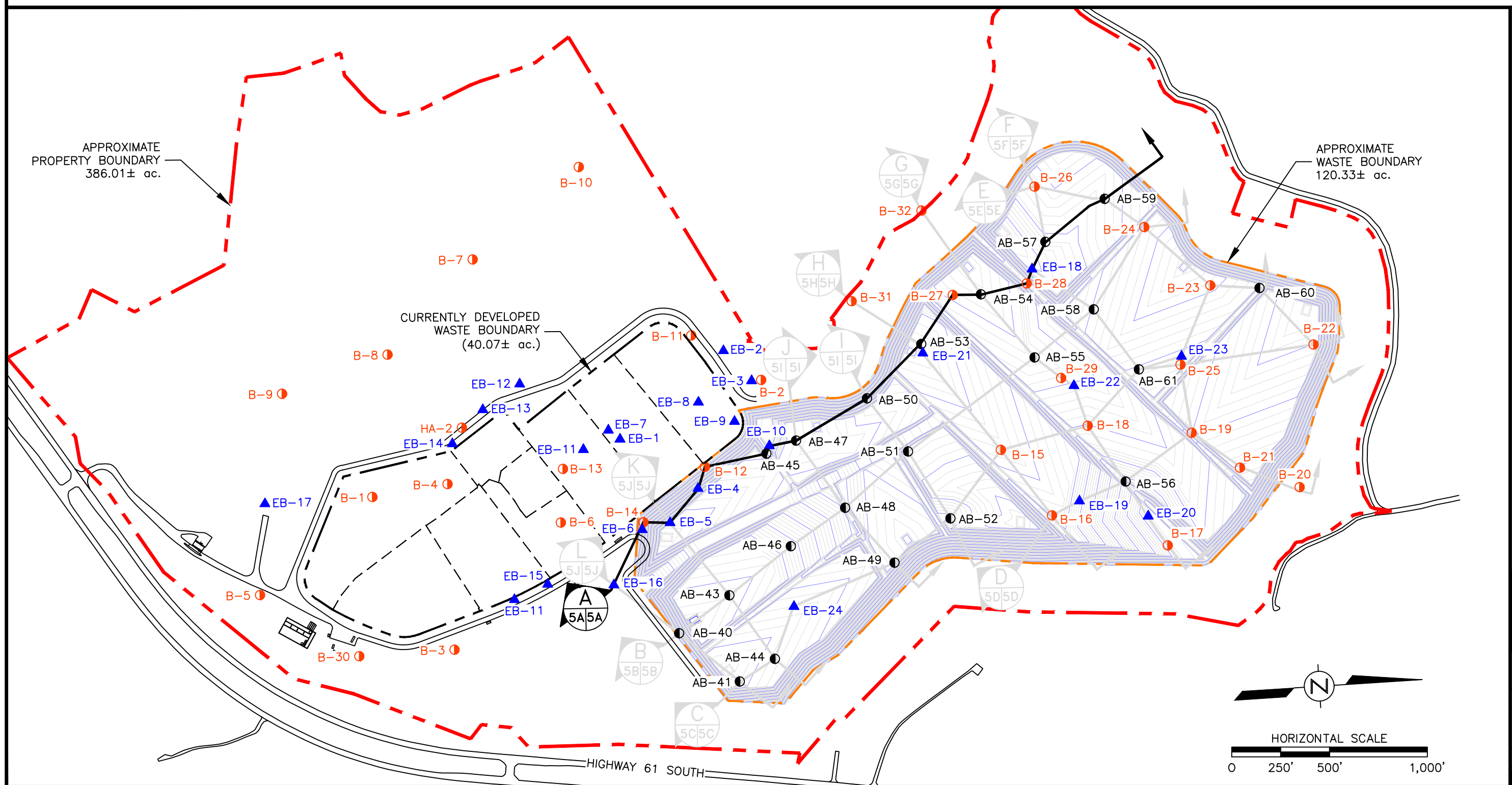


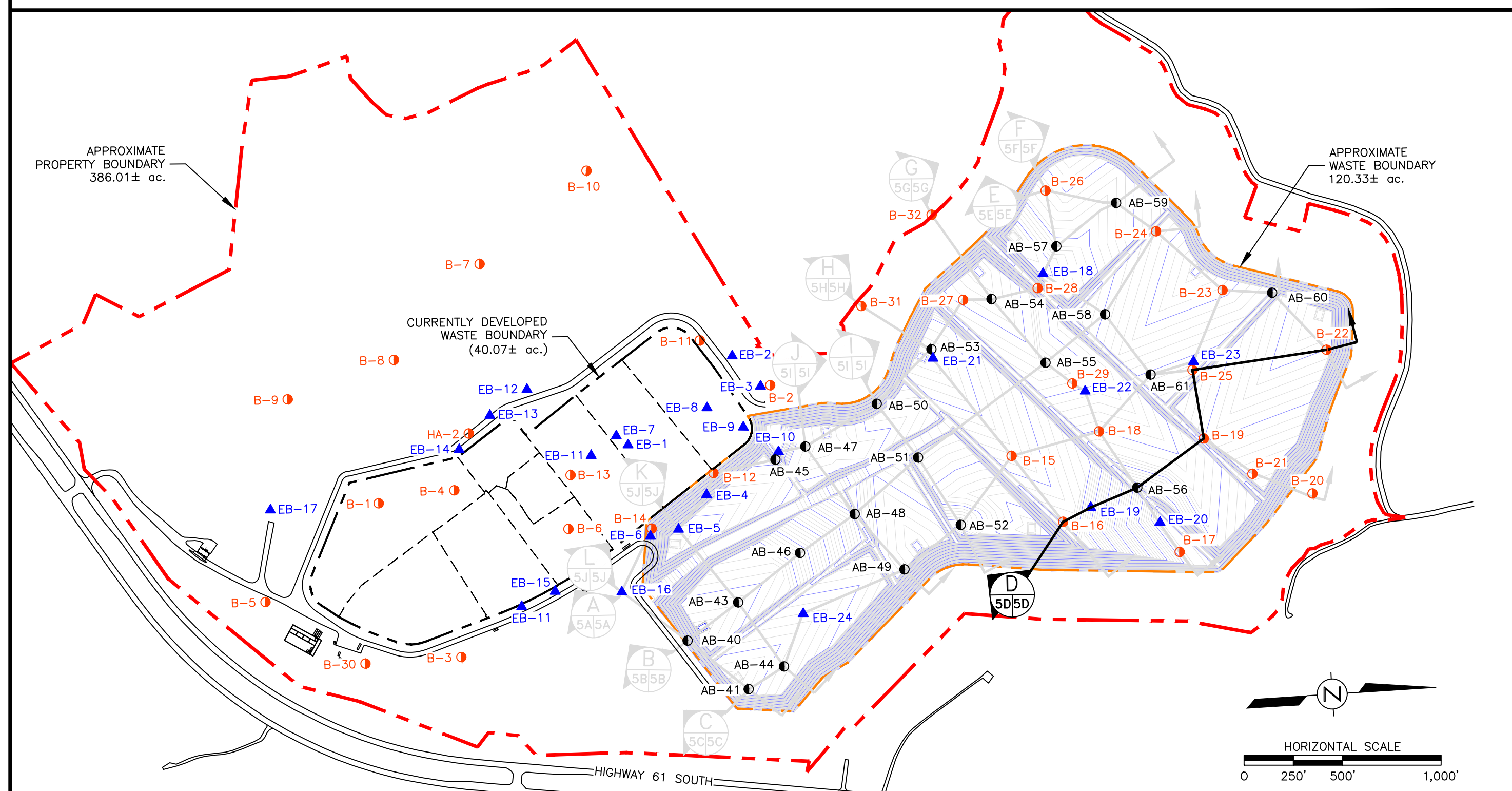
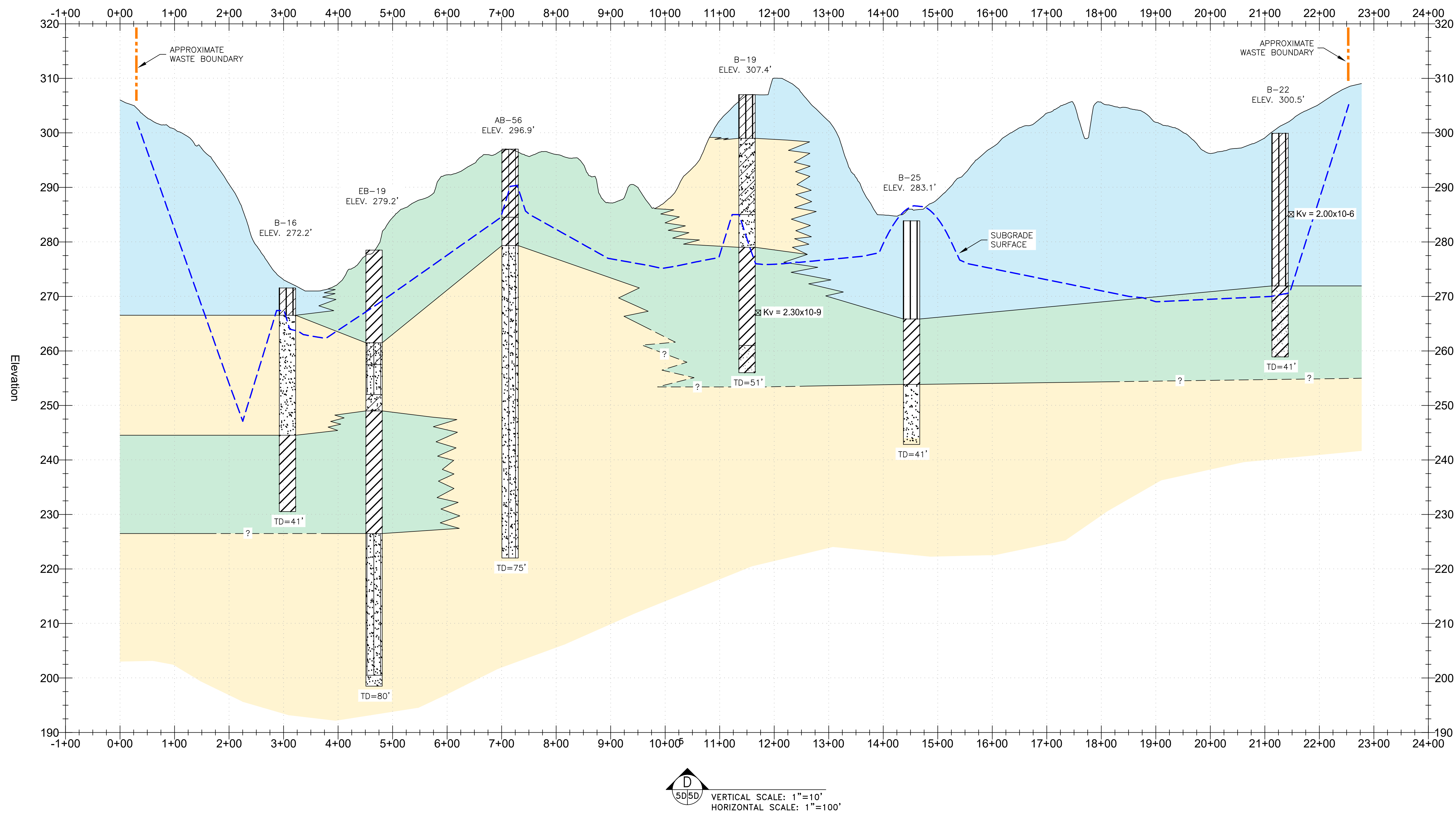
SCALE: 1"=220'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



LANDFILL DEVELOPMENT PLAN
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI

PROJECT No. 24051
CAD FILE NAME 121624 DWG04 R0 LDP
DRAWING 4
REVISION 0





LEGEND

	CLAYEY SILT		SUBGRADE SURFACE
	SILT		APPROXIMATE WASTE BOUNDARY
	SILTY CLAY		COEFFICIENT OF VERTICAL PERMEABILITY (cm/sec)
	SANDY CLAY		BORINGS (1993)
	CLAY		BORINGS (2021-2022)
	SILTY SAND		PROPOSED BORINGS (2024)
	CLAYEY SAND		
	SAND		
	PREDOMINANTLY SILT		
	PREDOMINANTLY CLAY		
	PREDOMINANTLY SAND		
EL=284.0'	GROUND ELEVATION OF BORING		
TD	TOTAL DEPTH OF BORING		

NOTES:
1. BORING WIDTHS ARE NOT DRAWN TO SCALE.

HORIZONTAL SCALE
0 50' 100' 200'

VERTICAL SCALE
0 5' 10' 20'

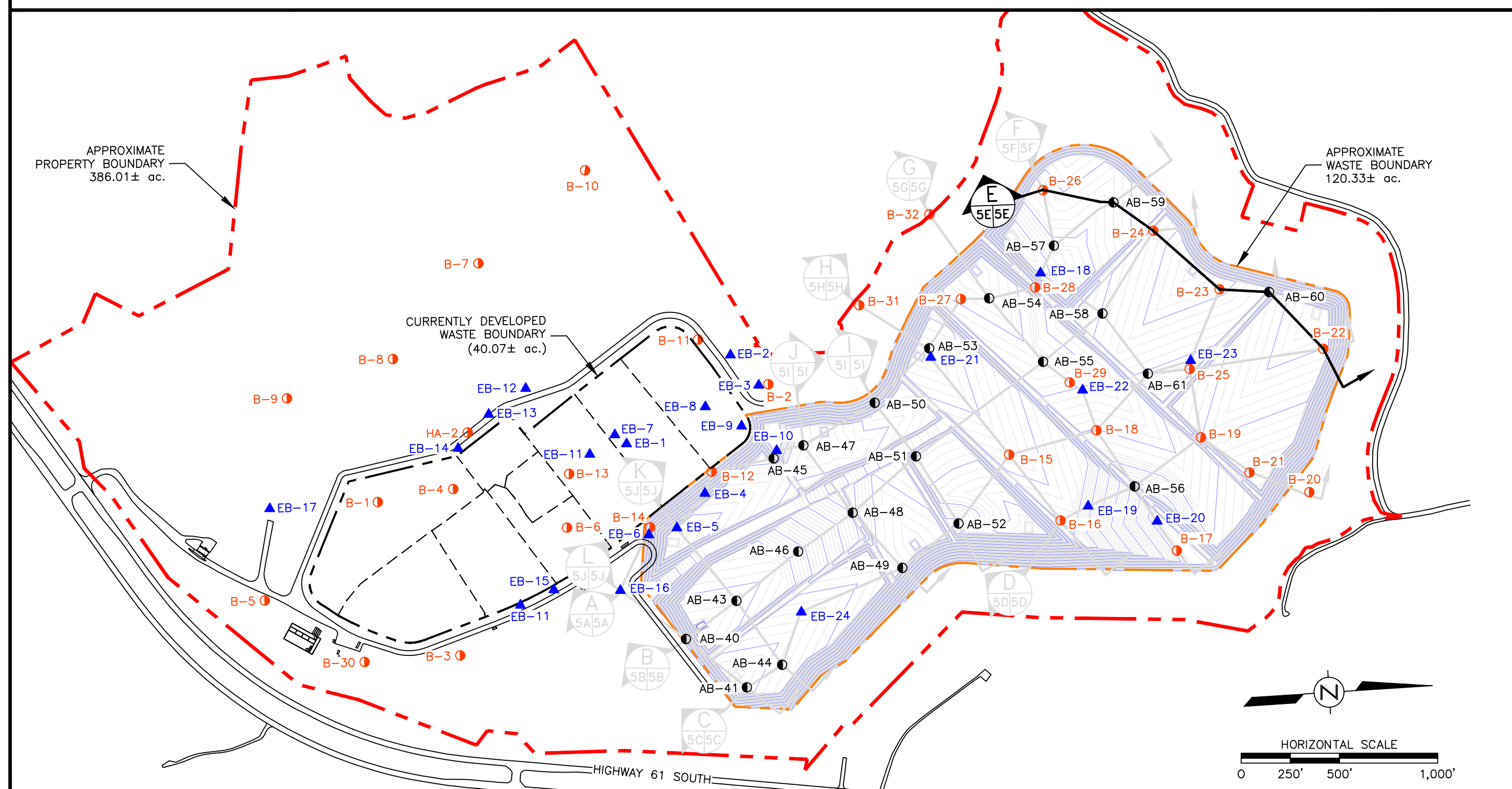
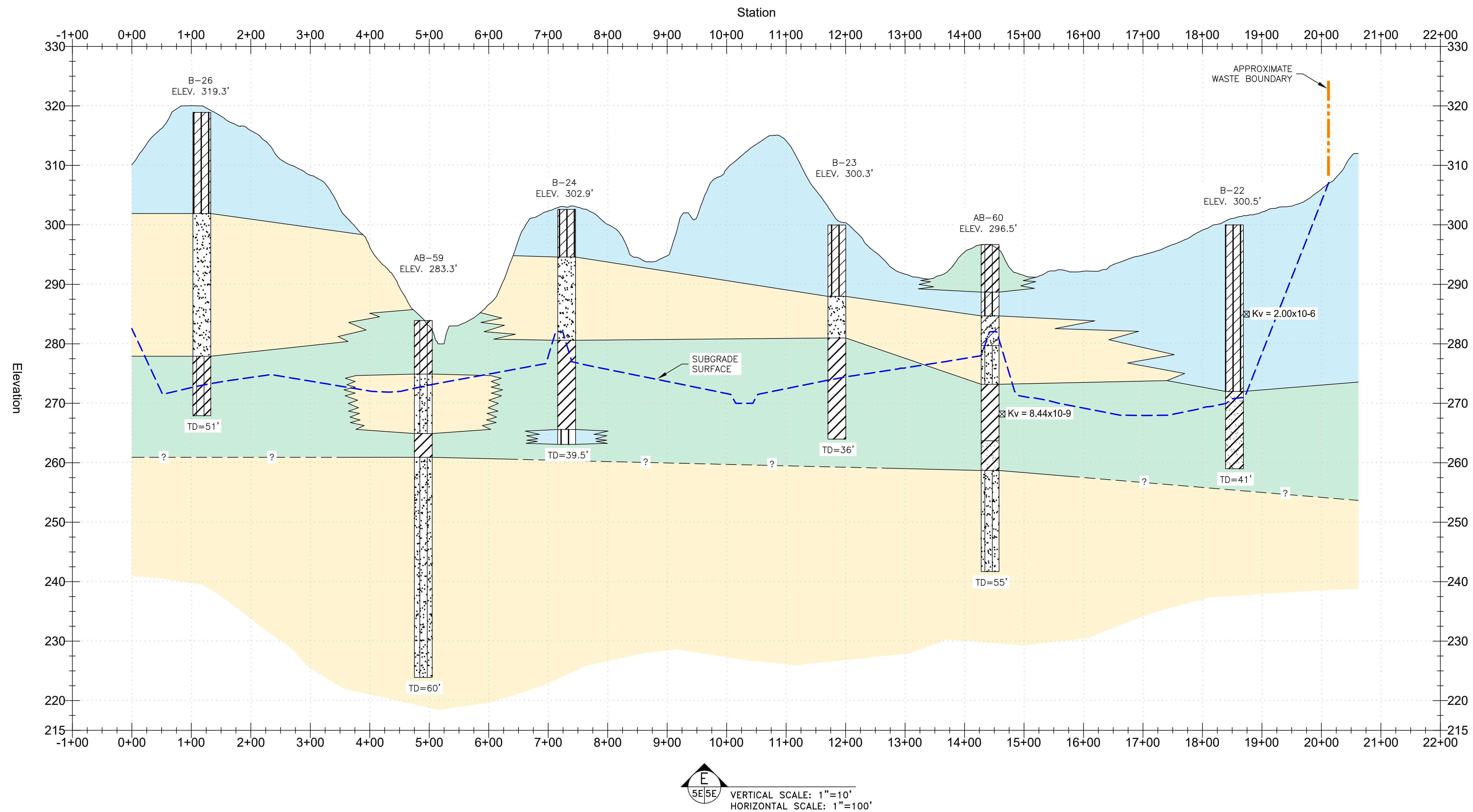
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Green Meadow
SUSTAINABLE SOLUTIONS

SCALE: AS SHOWN
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DATE: 12/16/2024

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AND SCIENCE

GENERALIZED GEOLOGICAL CROSS-SECTION D-D'		PROJECT No. 24051	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI		CAD FILE NAME 121624 DWG5D R0 D	
DRAWING	REVISION		
5D	0		

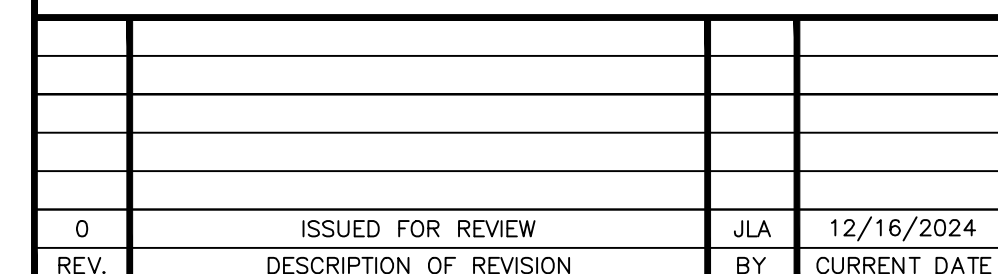
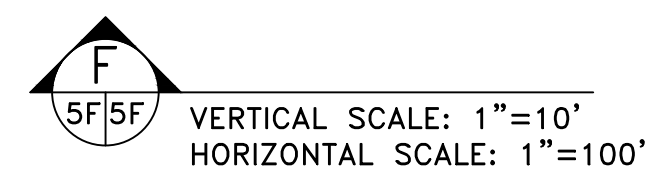


REV.	ISSUED FOR REVIEW	DESCRIPTION OF REVISION	BY	DATE
0	ISSUED FOR REVIEW		JLA	12/16/2024

SCALE: AS SHOWN	PROJECT No. 24051
DRAWN: P. LANNING	CAD FILE NAME: 121624 DWG5E R0 E
CHECKED: J. WILSON	DRAWING REVISION
REVIEWED: J. ALLEN	5E 0
PROJECT MANAGER: J. WILSON	
DATE: 12/16/2024	



GENERALIZED GEOLOGICAL CROSS-SECTION E-E'	PROJECT No. 24051
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI	CAD FILE NAME: 121624 DWG5E R0 E



SCALE:	AS SHOWN
DRAWN:	P. LANNING
CHECKED:	J. WILSON
REVIEWED:	J. ALLEN
PROJECT MANAGER:	J. WILSON
DATE:	12/16/2024

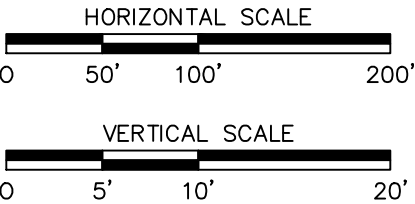
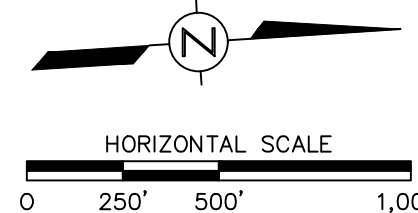
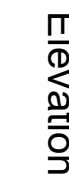


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GENERALIZED GEOLOGICAL
CROSS-SECTION F-F'

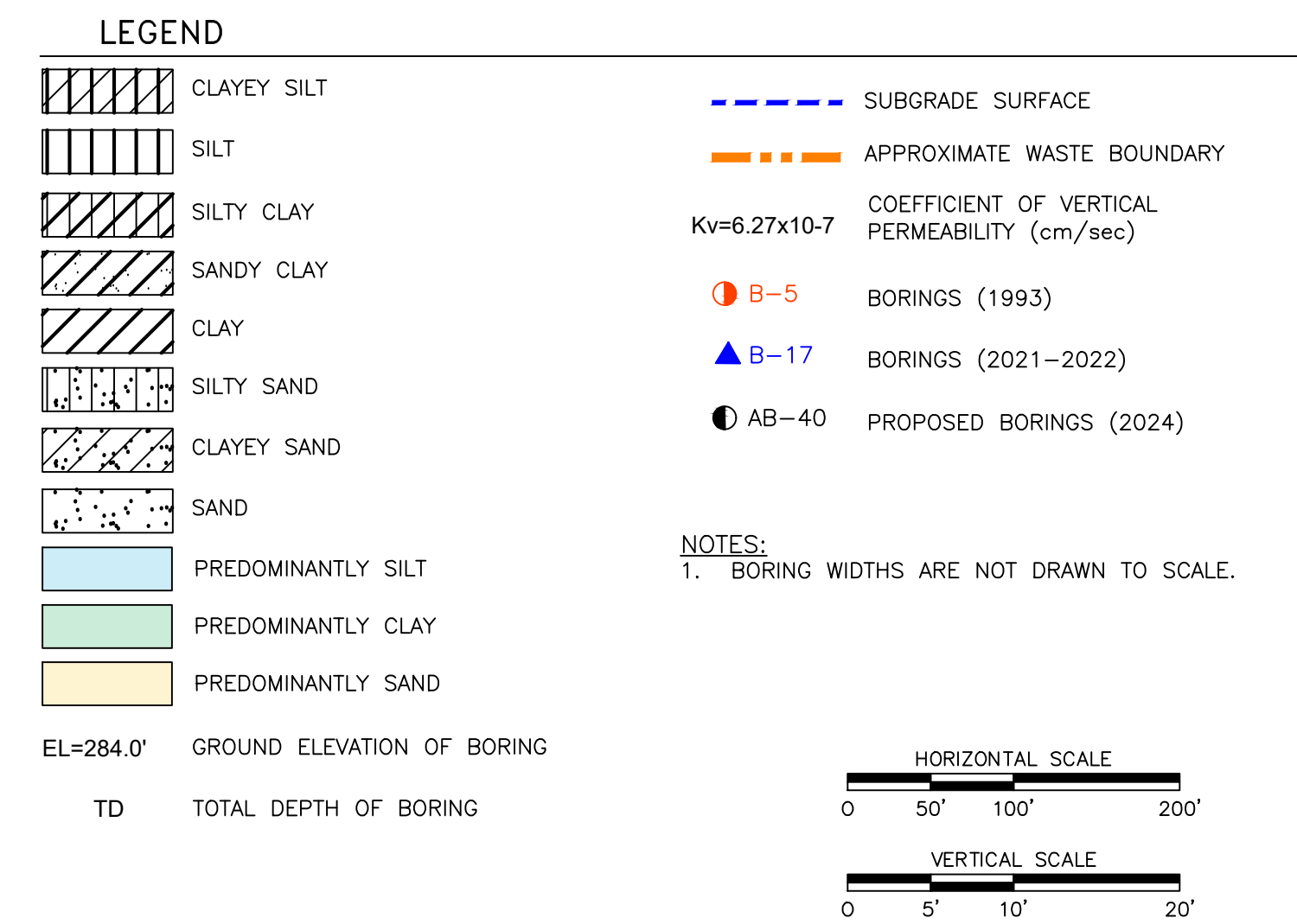
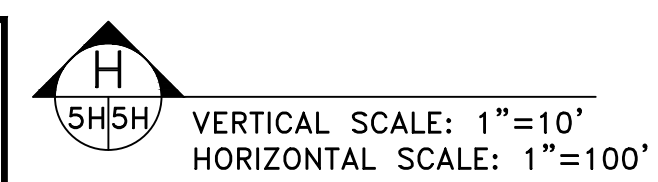
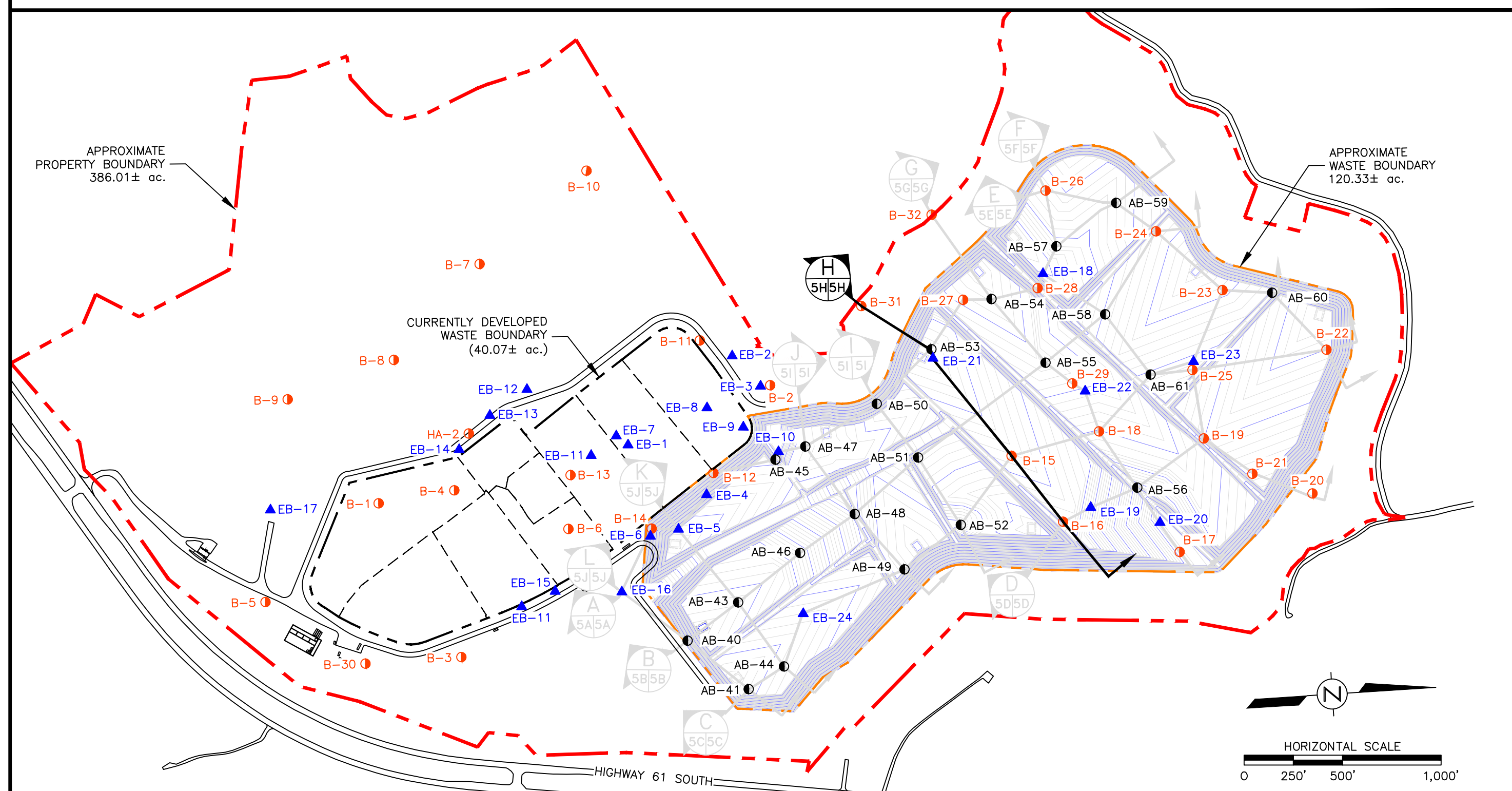
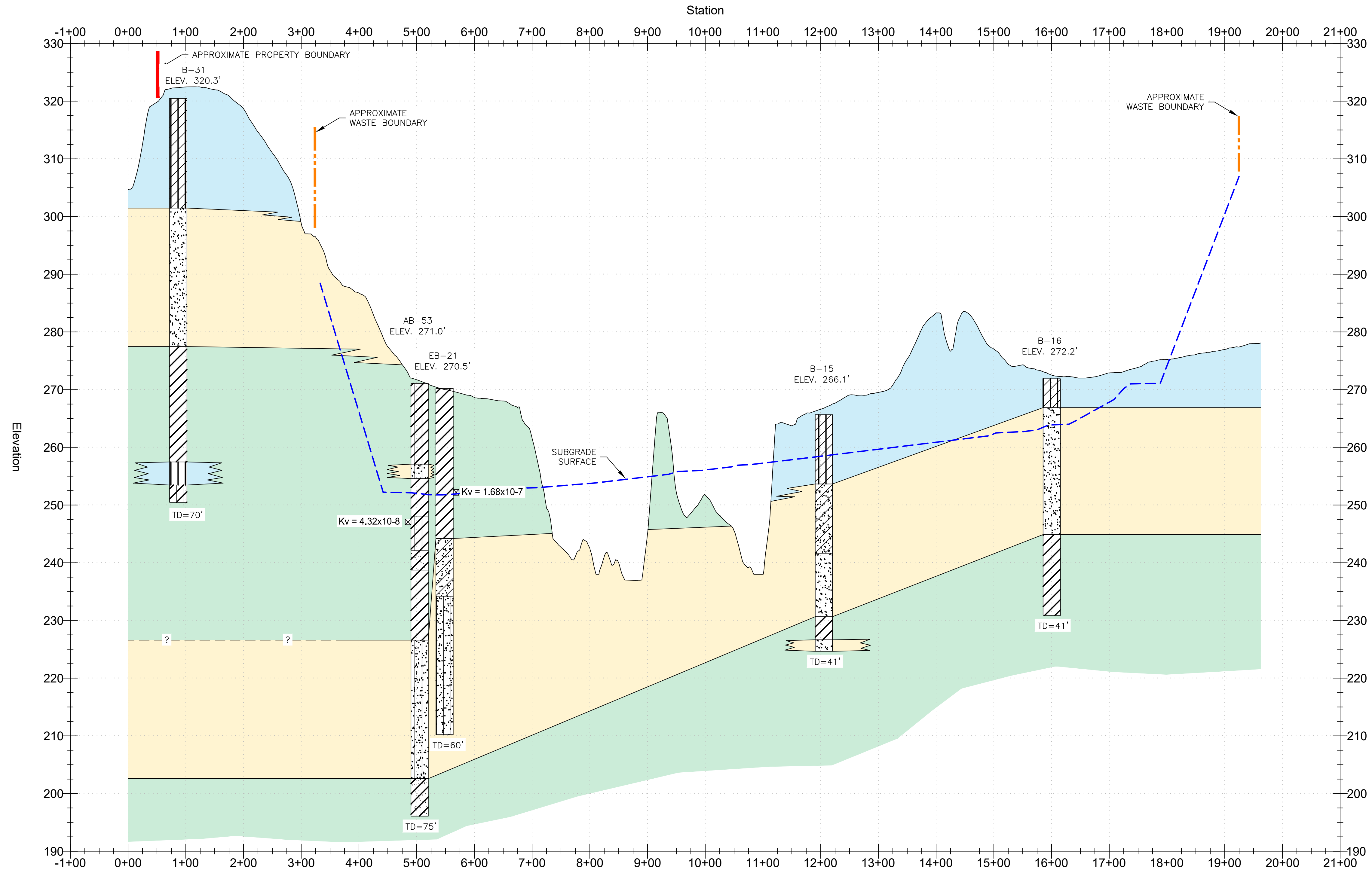
GREENWAY ENVIRONMENTAL
SERVICES, LLC.
FAYETTE, MISSISSIPPI

PROJECT No. 24051	
CAD FILE NAME 121624 DWG5F R0 F	
DRAWING 5F	REVISION 0



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	DRAWN: P. LANNING
	CHECKED: J. WILSON
	REVIEWED: J. ALLEN
	PROJECT MANAGER: J. WILSON
DATE: 12/16/2024	

	GENERALIZED GEOLOGICAL CROSS-SECTION G-G'	PROJECT No. 24051	
		CAD FILE NAME 121624 DWG55 RO G	
	GREENWAY ENVIRONMENTAL SERVICES, LLC FAYETTE, MISSISSIPPI	DRAWING 5G	REVISION 0



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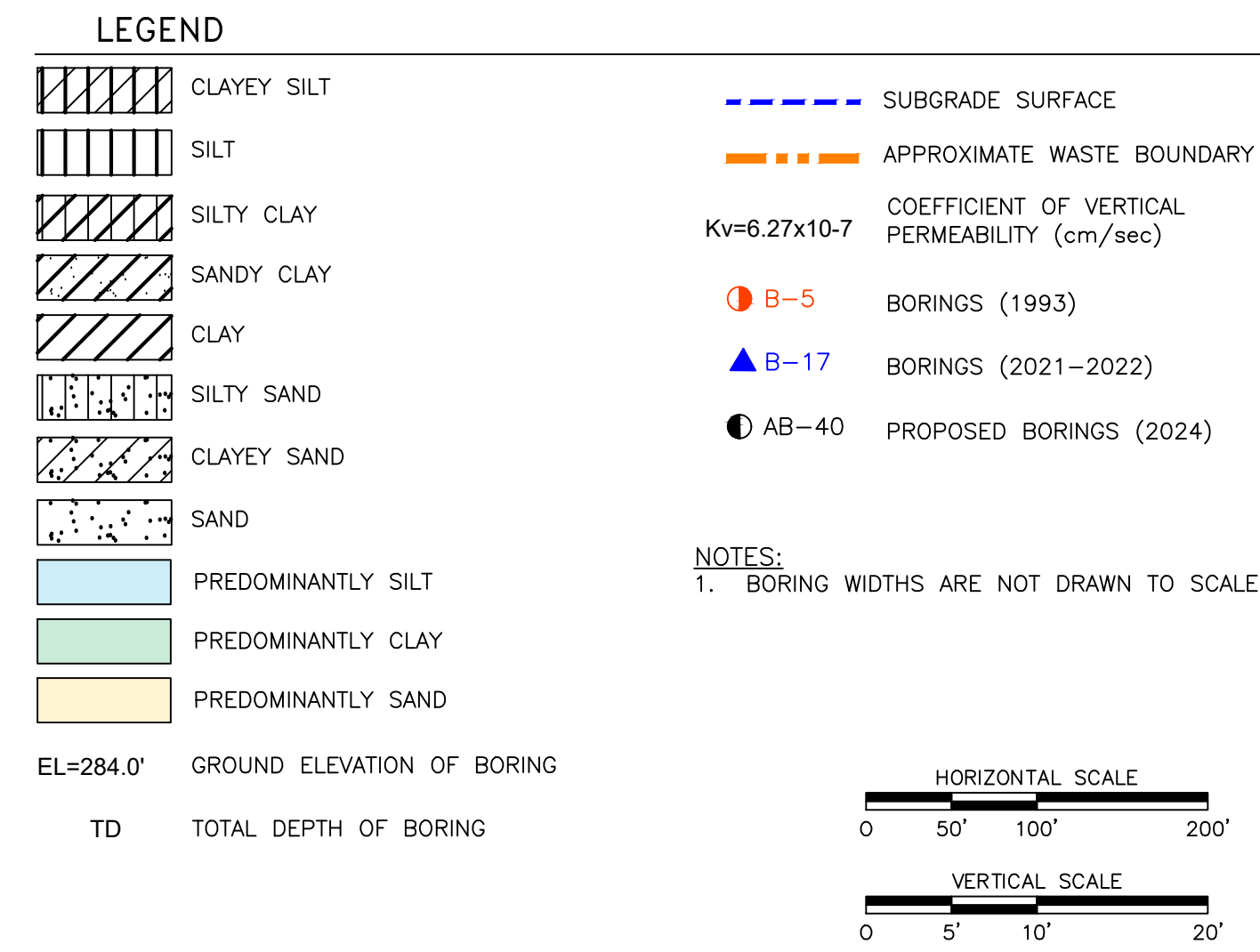
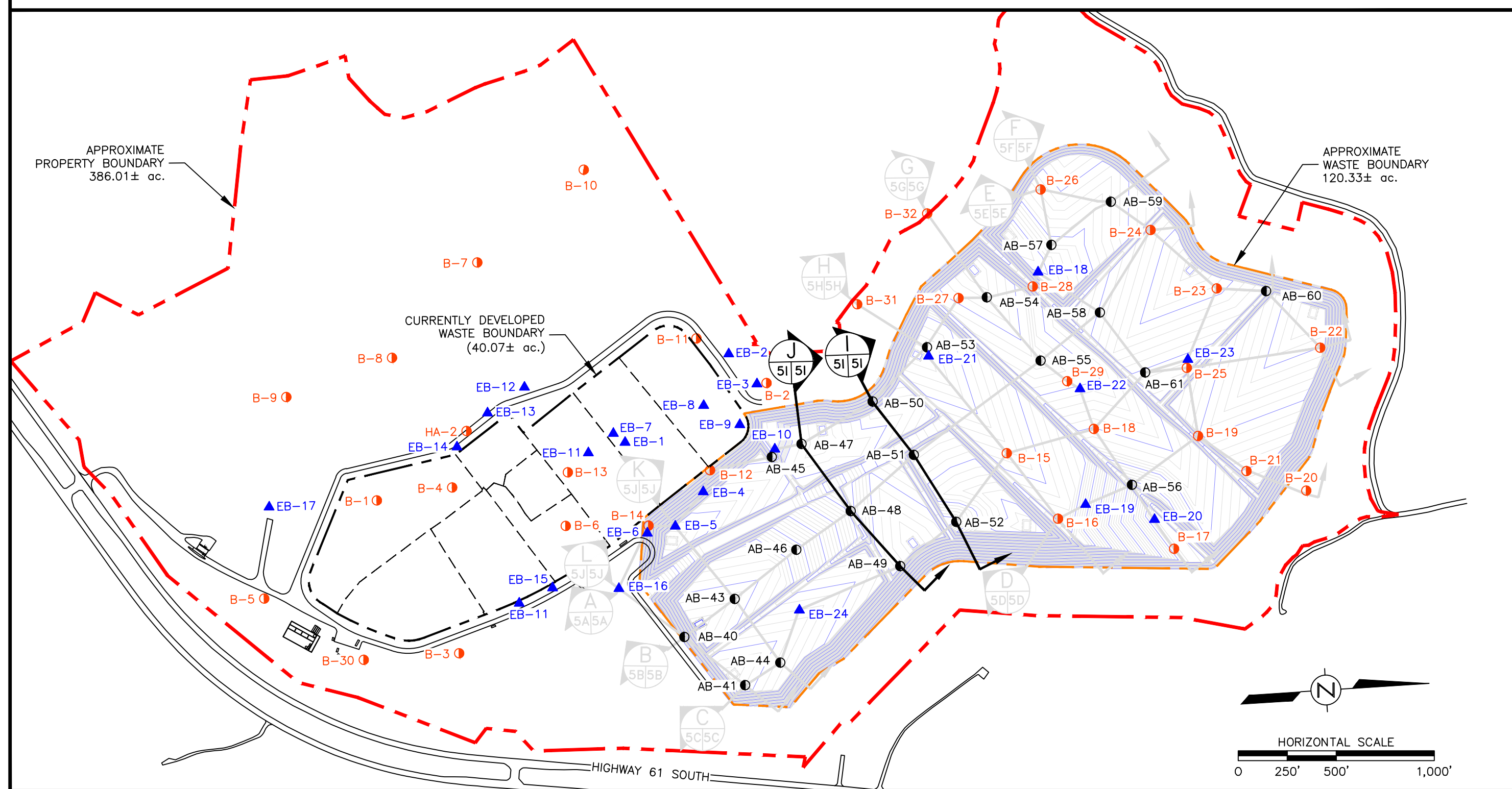
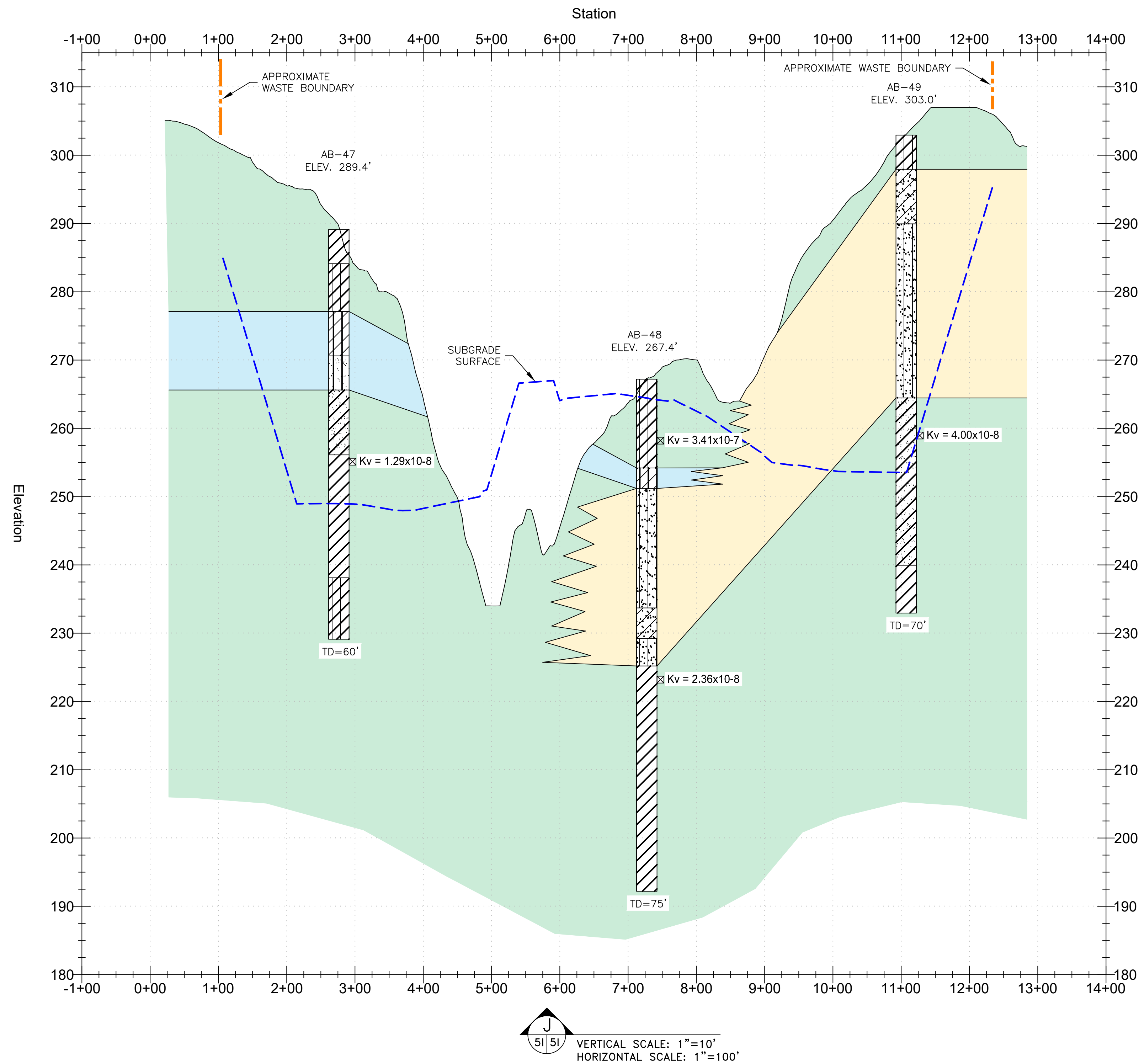
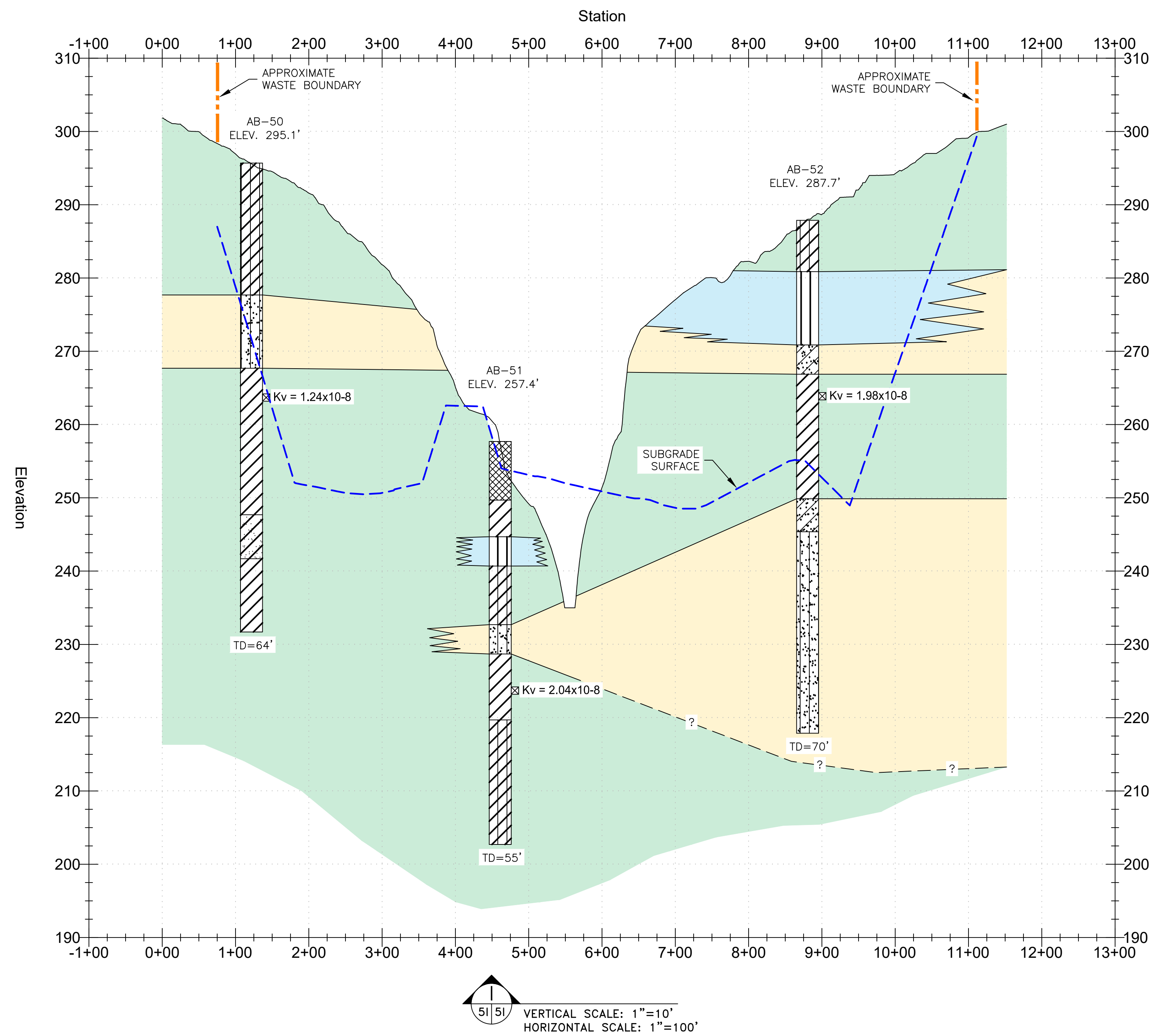
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DRAWN:	P. LANNING
CHECKED:	J. WILSON
REVIEWED:	J. ALLEN
PROJECT MANAGER:	J. WILSON
DATE:	12/16/2024



GENERALIZED GEOLOGICAL
CROSS-SECTION H-H'

GREENWAY ENVIRONMENTAL
SERVICES, LLC.
FAYETTE, MISSISSIPPI

PROJECT No. 24051	
CAD FILE NAME 121624 DWG5H R0 H	
DRAWING 5H	REVISION 0



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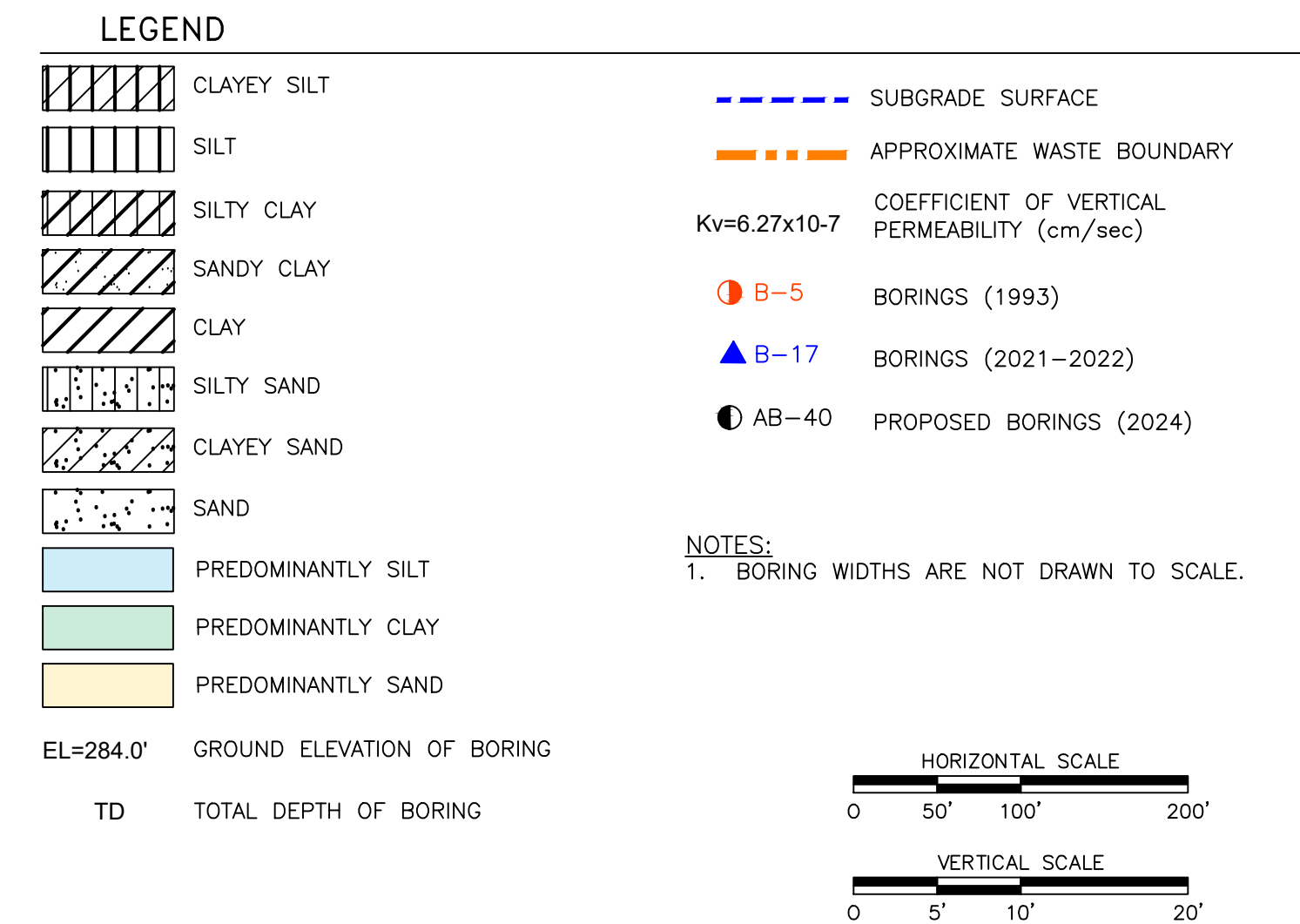
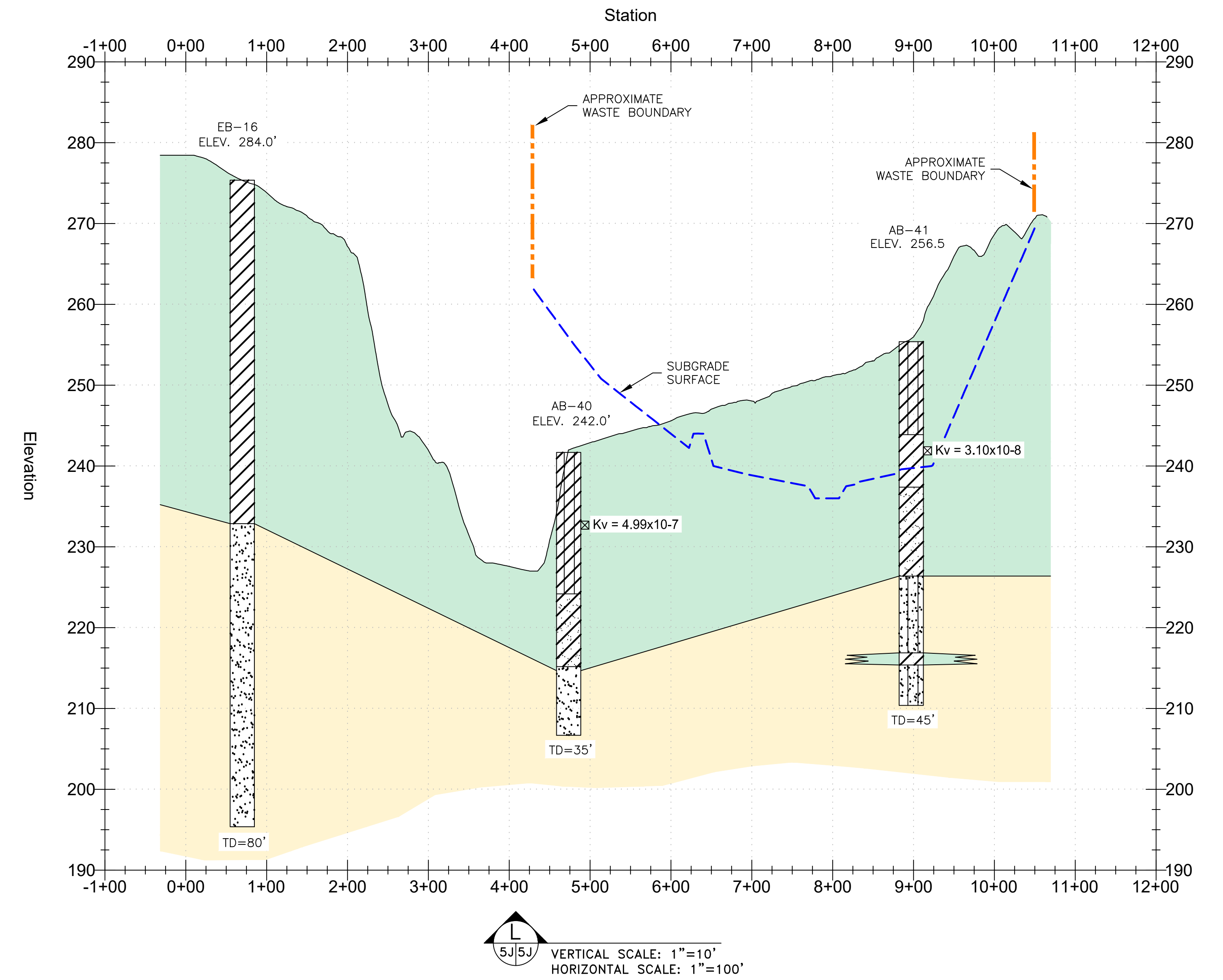


SCALE: AS SHOWN
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



GENERALIZED GEOLOGICAL CROSS-SECTIONS I-I' & J-J'
GREENWAY ENVIRONMENTAL SERVICES, LLC.
FAYETTE, MISSISSIPPI

PROJECT No. 24051
CAD FILE NAME 121624 DWG51 R0 I&J
DRAWING 51
REVISION 0



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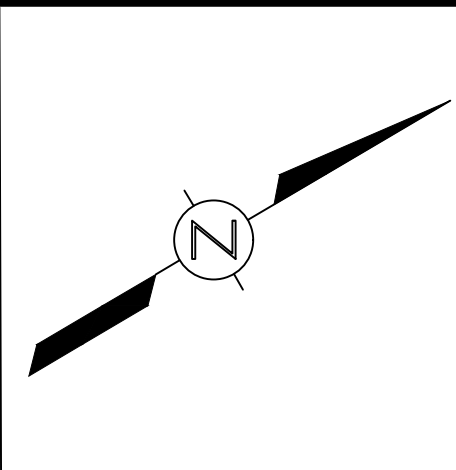
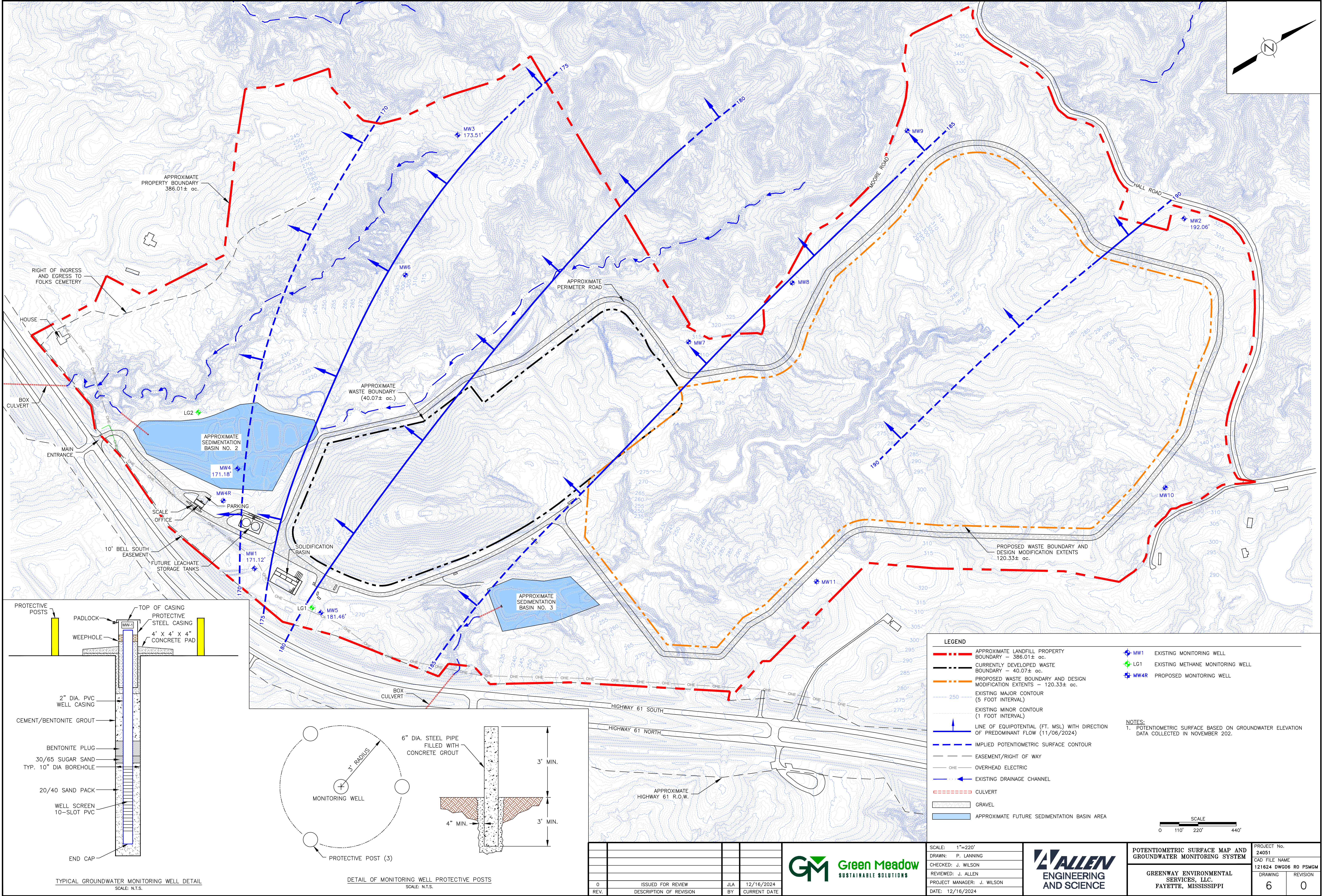
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CHECKED:	J. WILSON
REVIEWED:	J. ALLEN
PROJECT MANAGER:	J. WILSON
DATE:	12/16/2024



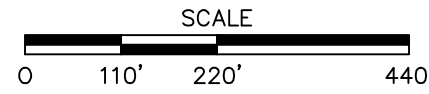
GENERALIZED GEOLOGICAL
CROSS-SECTIONS K-K' & L-L'

GREENWAY ENVIRONMENTAL
SERVICES, LLC.
FAYETTE, MISSISSIPPI

PROJECT No. 24051	
CAD FILE NAME 121624 DWG5J RO K&L	
DRAWING 5J	REVISION 0



- LEGEND**
- APPROXIMATE LANDFILL PROPERTY BOUNDARY - 386.01± ac.
 - CURRENTLY DEVELOPED WASTE BOUNDARY - 40.07± ac.
 - PROPOSED WASTE BOUNDARY AND DESIGN MODIFICATION EXTENTS - 120.33± ac.
 - EXISTING MAJOR CONTOUR (5 FOOT INTERVAL)
 - EXISTING MINOR CONTOUR (1 FOOT INTERVAL)
 - LINE OF EQUIPOTENTIAL (FT. MSL) WITH DIRECTION OF PREDOMINANT FLOW (11/06/2024)
 - IMPLIED POTENTIOMETRIC SURFACE CONTOUR
 - EASEMENT/RIGHT OF WAY
 - OHE --- OVERHEAD ELECTRIC
 - EXISTING DRAINAGE CHANNEL
 - CULVERT
 - GRAVEL
 - APPROXIMATE FUTURE SEDIMENTATION BASIN AREA
 - MW1 --- EXISTING MONITORING WELL
 - LG1 --- EXISTING METHANE MONITORING WELL
 - MW4R --- PROPOSED MONITORING WELL
- NOTES:**
- POTENTIOMETRIC SURFACE BASED ON GROUNDWATER ELEVATION DATA COLLECTED IN NOVEMBER 202.



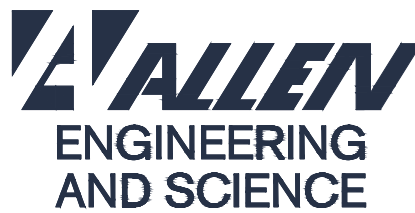
TYPICAL GROUNDWATER MONITORING WELL DETAIL
SCALE: N.T.S.

DETAIL OF MONITORING WELL PROTECTIVE POSTS
SCALE: N.T.S.

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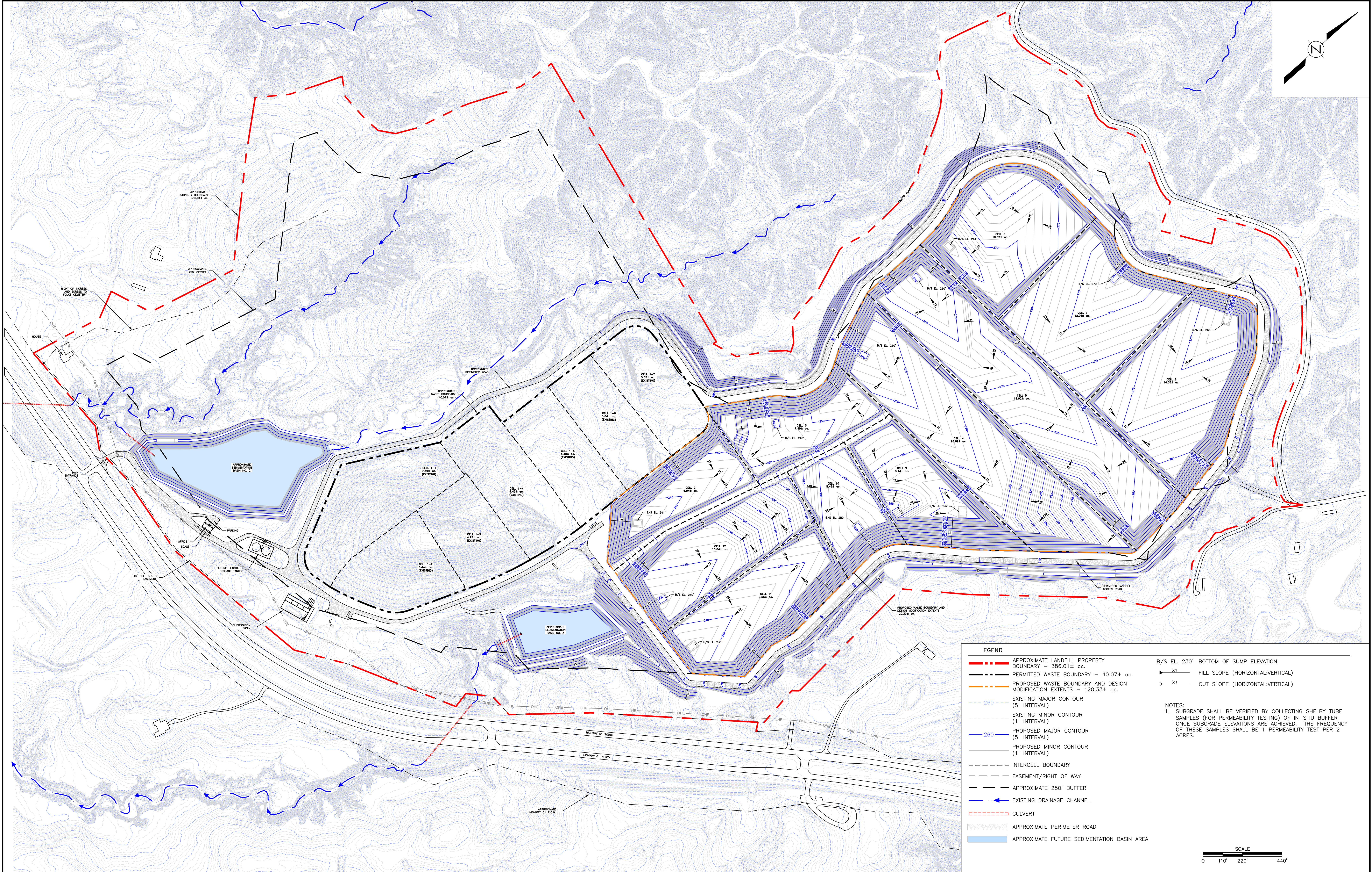


SCALE: 1"=220'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



POTENTIOMETRIC SURFACE MAP AND GROUNDWATER MONITORING SYSTEM
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI

PROJECT No. 24051
CAD FILE NAME 121624 DWG06 R0 PSMGM
DRAWING 6
REVISION 0



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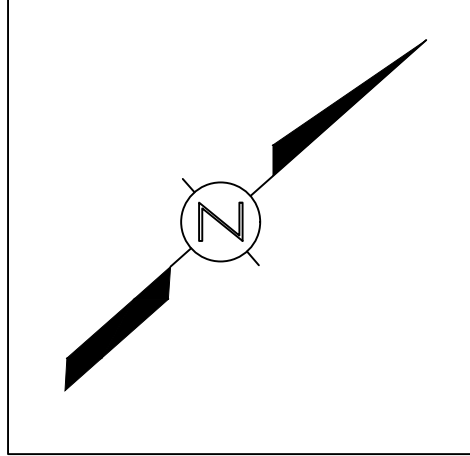


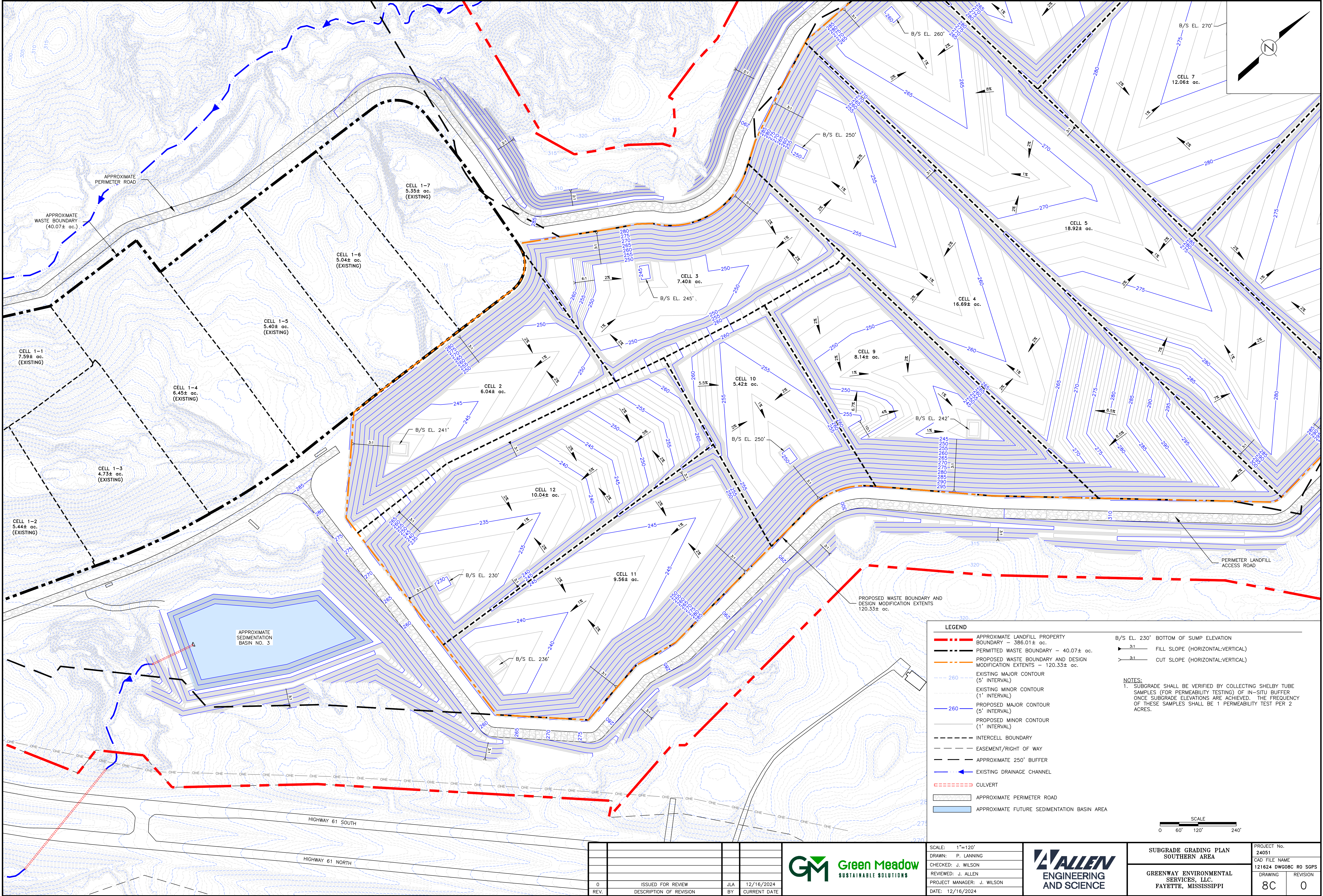
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SUBGRADE GRADING PLAN OVERALL MAP	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI	

PROJECT No. 24051	
CAD FILE NAME 121624 DWG08 R0 SGPOM	
DRAWING 8A	REVISION 0





LEGEND

- APPROXIMATE LANDFILL PROPERTY BOUNDARY - 386.01± ac.
- PERMITTED WASTE BOUNDARY - 40.07± ac.
- PROPOSED WASTE BOUNDARY AND DESIGN MODIFICATION EXTENTS - 120.33± ac.
- EXISTING MAJOR CONTOUR (5' INTERVAL)
- EXISTING MINOR CONTOUR (1' INTERVAL)
- PROPOSED MAJOR CONTOUR (5' INTERVAL)
- PROPOSED MINOR CONTOUR (1' INTERVAL)
- INTERCELL BOUNDARY
- EASEMENT/RIGHT OF WAY
- APPROXIMATE 250' BUFFER
- EXISTING DRAINAGE CHANNEL
- CULVERT
- APPROXIMATE PERIMETER ROAD
- APPROXIMATE FUTURE SEDIMENTATION BASIN AREA

B/S EL. 230' BOTTOM OF SUMP ELEVATION

FILL SLOPE (HORIZONTAL:VERTICAL)

CUT SLOPE (HORIZONTAL:VERTICAL)

NOTES:

1. SUBGRADE SHALL BE VERIFIED BY COLLECTING SHELBY TUBE SAMPLES (FOR PERMEABILITY TESTING) OF IN-SITU BUFFER ONCE SUBGRADE ELEVATIONS ARE ACHIEVED. THE FREQUENCY OF THESE SAMPLES SHALL BE 1 PERMEABILITY TEST PER 2 ACRES.

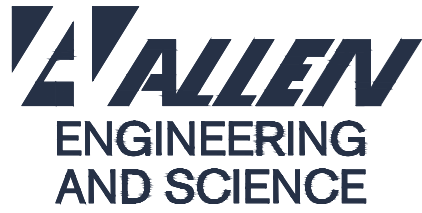
SCALE

0 60' 120' 240'

0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE

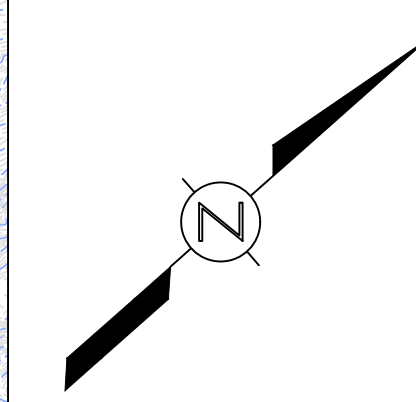
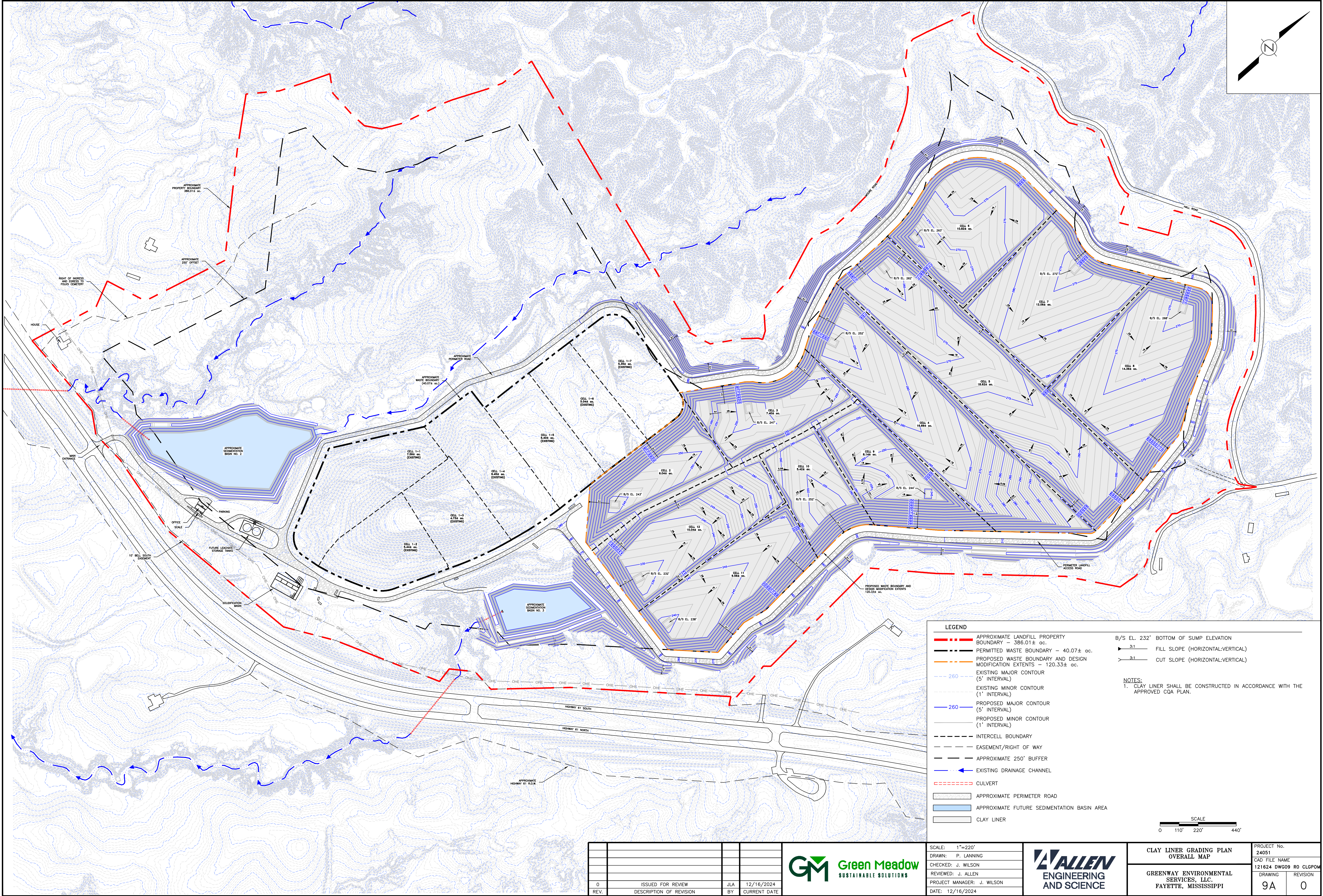


SCALE: 1"=120'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



SUBGRADE GRADING PLAN SOUTHERN AREA	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI	

PROJECT No. 24051	
CAD FILE NAME 121624 DWG08C R0 SGPS	
DRAWING	REVISION
8C	0



LEGEND

- APPROXIMATE LANDFILL PROPERTY BOUNDARY - 386.01± ac.
- PERMITTED WASTE BOUNDARY - 40.07± ac.
- PROPOSED WASTE BOUNDARY AND DESIGN MODIFICATION EXTENTS - 120.33± ac.
- EXISTING MAJOR CONTOUR (5' INTERVAL)
- EXISTING MINOR CONTOUR (1' INTERVAL)
- PROPOSED MAJOR CONTOUR (5' INTERVAL)
- PROPOSED MINOR CONTOUR (1' INTERVAL)
- INTERCELL BOUNDARY
- EASEMENT/RIGHT OF WAY
- APPROXIMATE 250' BUFFER
- EXISTING DRAINAGE CHANNEL
- CULVERT
- APPROXIMATE PERIMETER ROAD
- APPROXIMATE FUTURE SEDIMENTATION BASIN AREA
- CLAY LINER

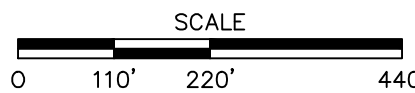
B/S EL. 232' BOTTOM OF SUMP ELEVATION

FILL SLOPE (HORIZONTAL:VERTICAL)

CUT SLOPE (HORIZONTAL:VERTICAL)

NOTES:

1. CLAY LINER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED CGA PLAN.



0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE

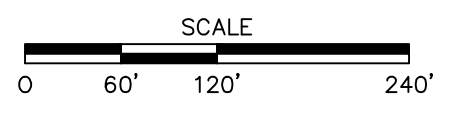
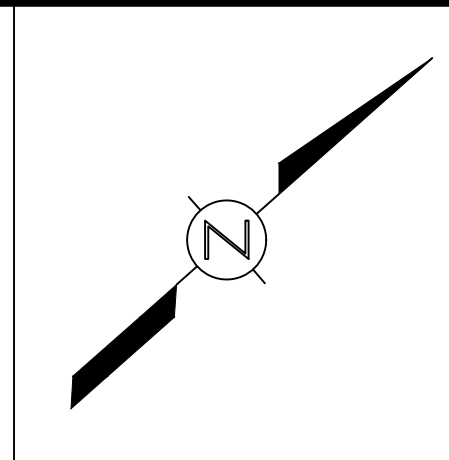
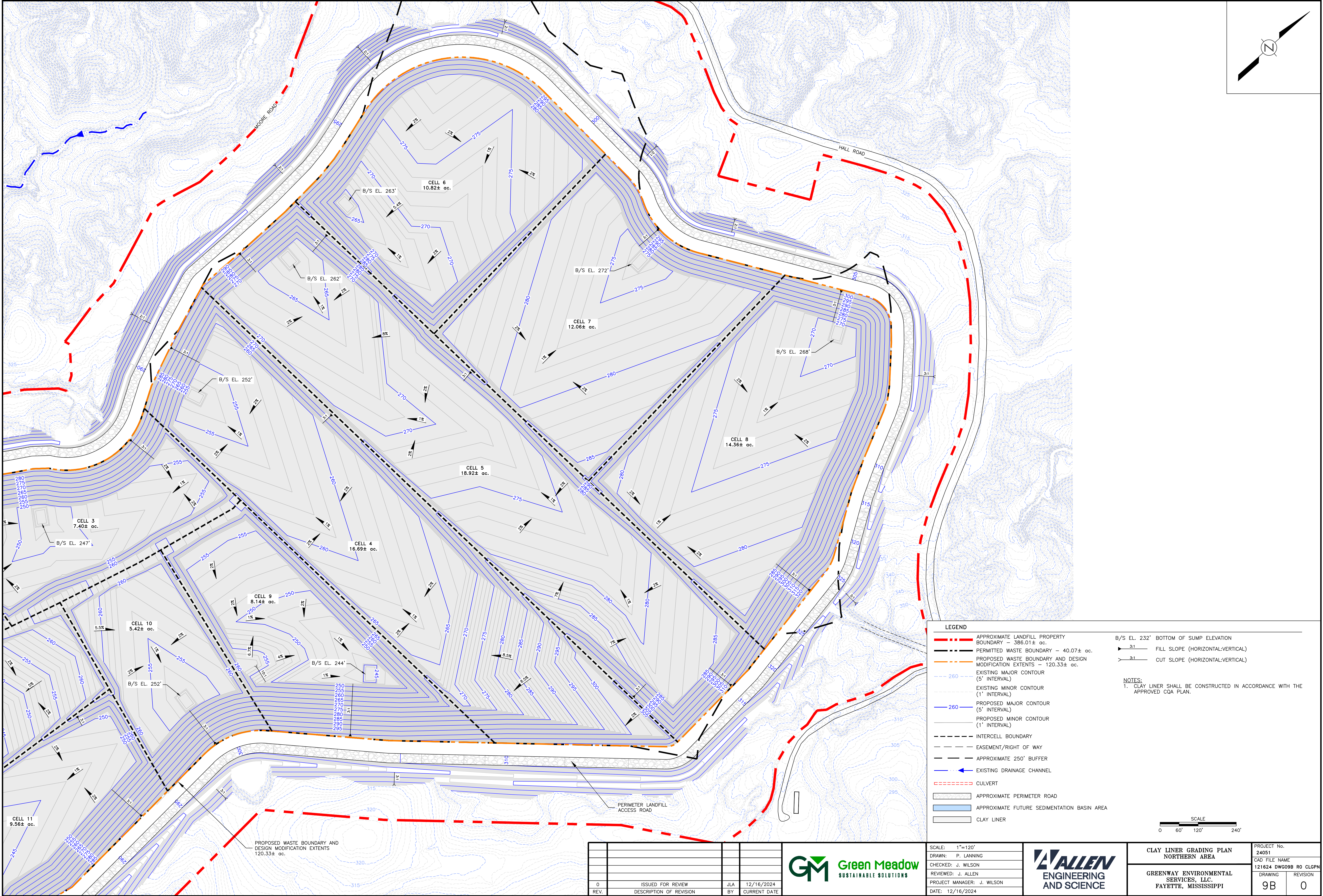


SCALE: 1"=220'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



CLAY LINER GRADING PLAN OVERALL MAP
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI

PROJECT No. 24051	CAD FILE NAME 121624 DWG09 R0 CLGPOM
DRAWING 9A	REVISION 0



LEGEND

- APPROXIMATE LANDFILL PROPERTY BOUNDARY - 386.01± ac.
- PERMITTED WASTE BOUNDARY - 40.07± ac.
- PROPOSED WASTE BOUNDARY AND DESIGN MODIFICATION EXTENTS - 120.33± ac.
- EXISTING MAJOR CONTOUR (5' INTERVAL)
- EXISTING MINOR CONTOUR (1' INTERVAL)
- PROPOSED MAJOR CONTOUR (5' INTERVAL)
- PROPOSED MINOR CONTOUR (1' INTERVAL)
- INTERCELL BOUNDARY
- EASEMENT/RIGHT OF WAY
- APPROXIMATE 250' BUFFER
- EXISTING DRAINAGE CHANNEL
- CULVERT
- APPROXIMATE PERIMETER ROAD
- APPROXIMATE FUTURE SEDIMENTATION BASIN AREA
- CLAY LINER

B/S EL. 232' BOTTOM OF SUMP ELEVATION

3:1 FILL SLOPE (HORIZONTAL:VERTICAL)

3:1 CUT SLOPE (HORIZONTAL:VERTICAL)

NOTES:

1. CLAY LINER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED CQA PLAN.

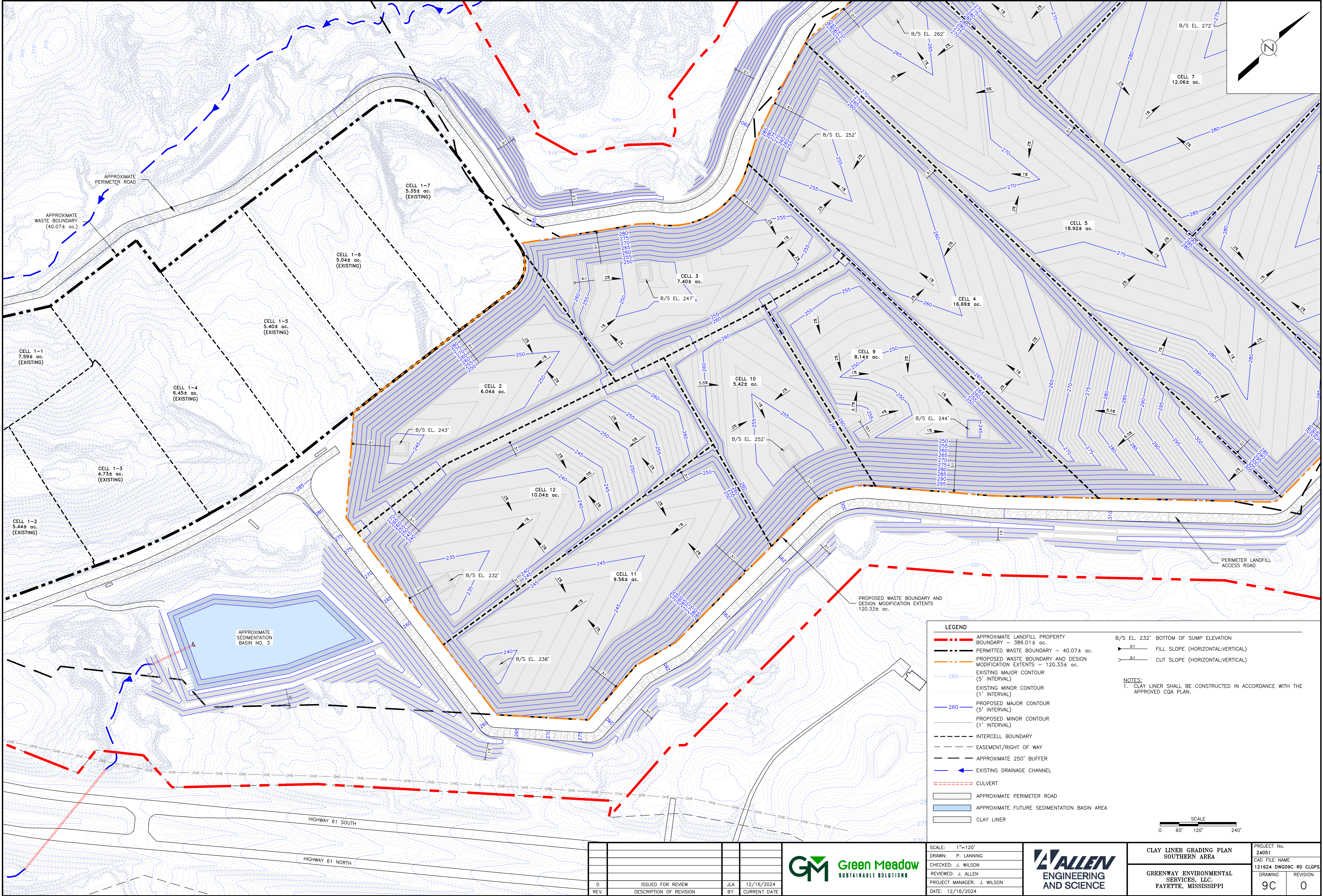
0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE



SCALE: 1"=120'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



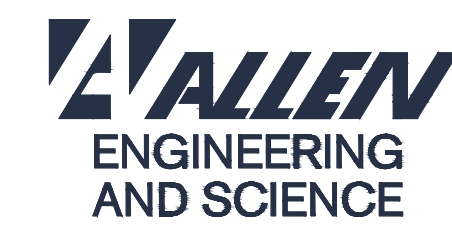
CLAY LINER GRADING PLAN NORTHERN AREA		PROJECT No. 24051	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI		CAD FILE NAME 121624 DWG09B R0 CLGPN	
		DRAWING	REVISION
		9B	0



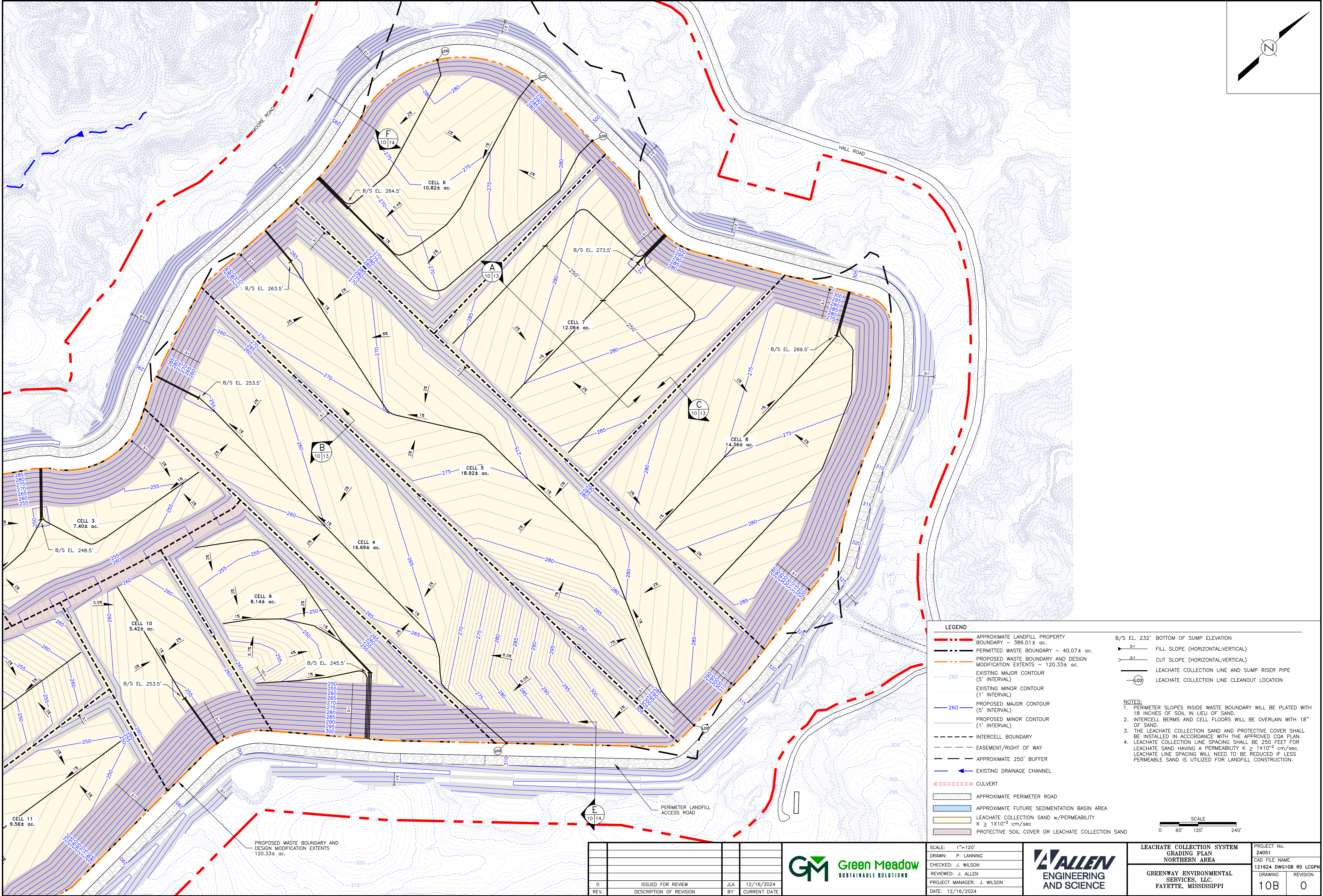
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REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE



SCALE: 1"=120'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



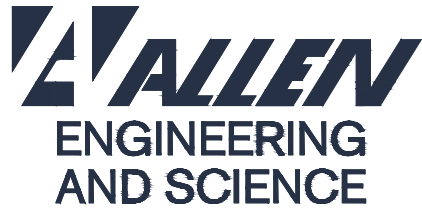
CLAY LINER GRADING PLAN SOUTHERN AREA	PROJECT No. 24051
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI	CAD FILE NAME 121624 DWG09C R0 CLGPS
	DRAWING 9C
	REVISION 0



0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE

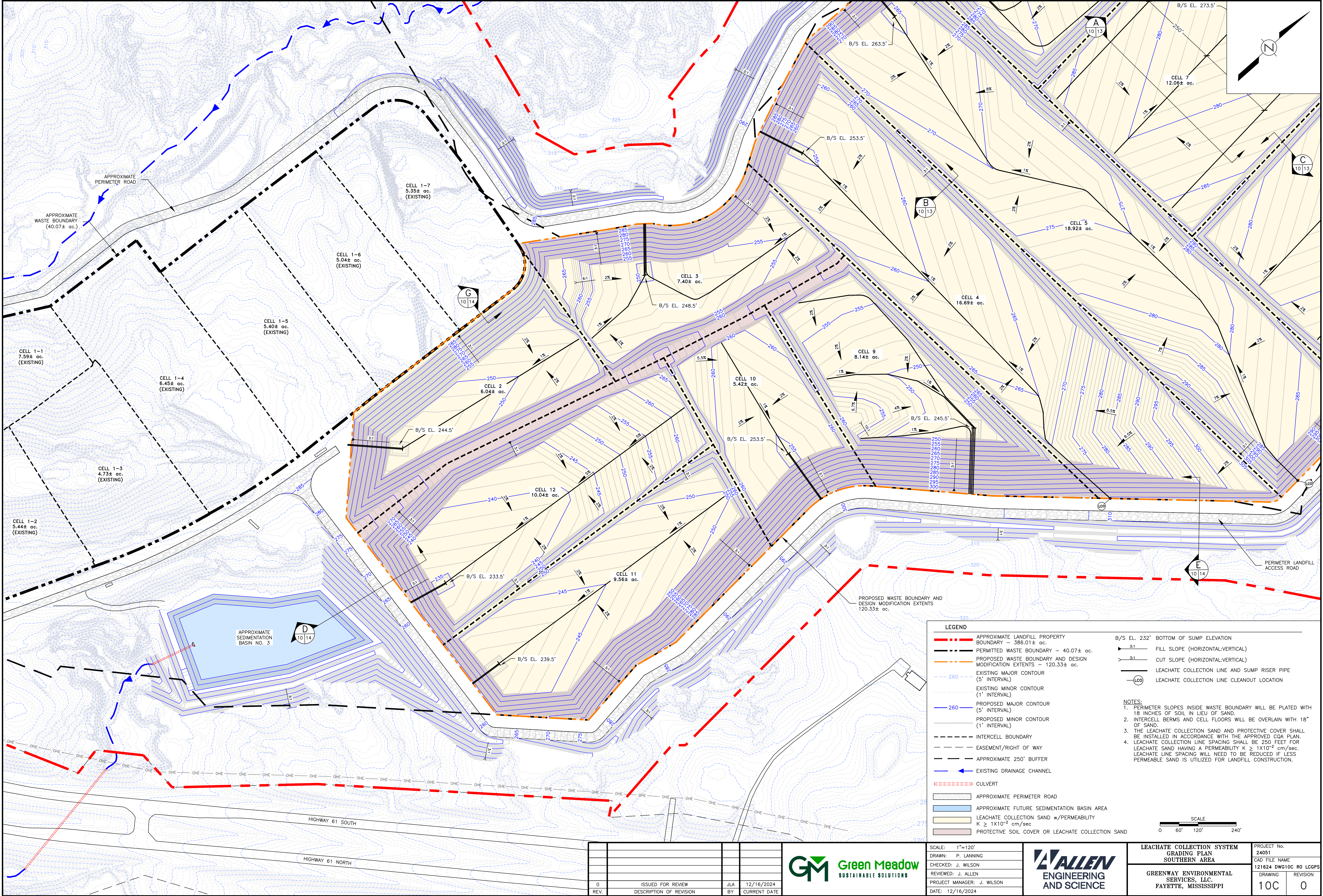


SCALE: 1"=120'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



LEACHATE COLLECTION SYSTEM GRADING PLAN NORTHERN AREA
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI

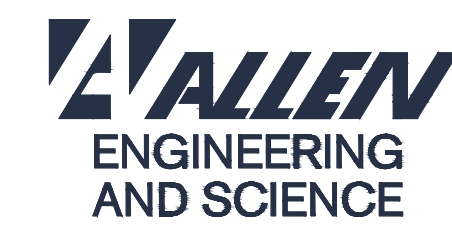
PROJECT No. 24051
CAD FILE NAME 121624 DWG10B R0 LCGPN
DRAWING 10B
REVISION 0



0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE

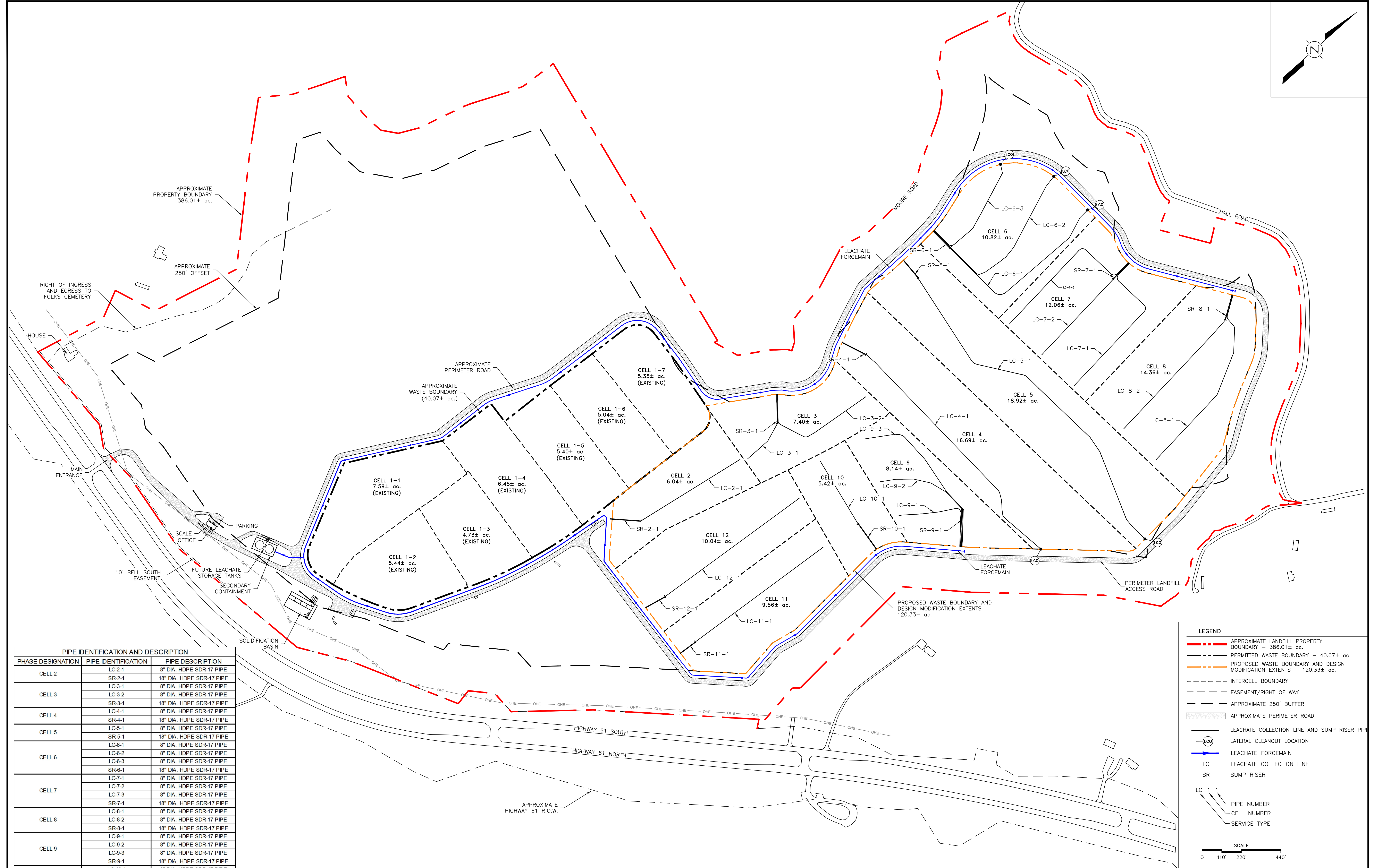
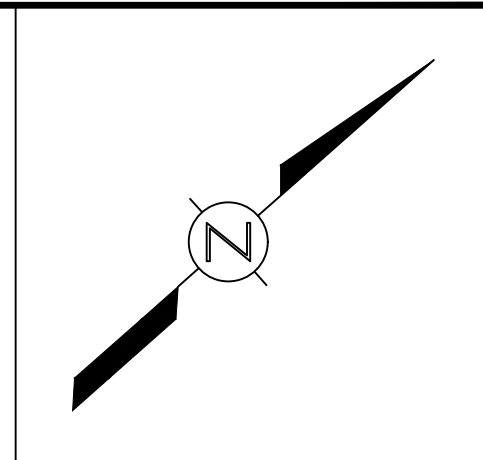


SCALE: 1"=120'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



LEACHATE COLLECTION SYSTEM GRADING PLAN SOUTHERN AREA
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI

PROJECT No. 24051
CAD FILE NAME 121624 DWG10C R0 LOGPS
DRAWING 10C
REVISION 0



PIPE IDENTIFICATION AND DESCRIPTION		
PHASE DESIGNATION	PIPE IDENTIFICATION	PIPE DESCRIPTION
CELL 2	LC-2-1	8" DIA. HDPE SDR-17 PIPE
	SR-2-1	18" DIA. HDPE SDR-17 PIPE
CELL 3	LC-3-1	8" DIA. HDPE SDR-17 PIPE
	SR-3-1	18" DIA. HDPE SDR-17 PIPE
CELL 4	LC-4-1	8" DIA. HDPE SDR-17 PIPE
	SR-4-1	18" DIA. HDPE SDR-17 PIPE
CELL 5	LC-5-1	8" DIA. HDPE SDR-17 PIPE
	SR-5-1	18" DIA. HDPE SDR-17 PIPE
CELL 6	LC-6-1	8" DIA. HDPE SDR-17 PIPE
	SR-6-1	18" DIA. HDPE SDR-17 PIPE
CELL 7	LC-7-1	8" DIA. HDPE SDR-17 PIPE
	SR-7-1	18" DIA. HDPE SDR-17 PIPE
CELL 8	LC-8-1	8" DIA. HDPE SDR-17 PIPE
	SR-8-1	18" DIA. HDPE SDR-17 PIPE
CELL 9	LC-9-1	8" DIA. HDPE SDR-17 PIPE
	SR-9-1	18" DIA. HDPE SDR-17 PIPE
CELL 10	LC-10-1	8" DIA. HDPE SDR-17 PIPE
	SR-10-1	18" DIA. HDPE SDR-17 PIPE
CELL 11	LC-11-1	8" DIA. HDPE SDR-17 PIPE
	SR-11-1	18" DIA. HDPE SDR-17 PIPE
CELL 12	LC-12-1	8" DIA. HDPE SDR-17 PIPE
	SR-12-1	18" DIA. HDPE SDR-17 PIPE

LEGEND

APPROXIMATE LANDFILL PROPERTY BOUNDARY - 386.01± ac.

PERMITTED WASTE BOUNDARY - 40.07± ac.

PROPOSED WASTE BOUNDARY AND DESIGN MODIFICATION EXTENTS - 120.33± ac.

INTERCELL BOUNDARY

EASEMENT/RIGHT OF WAY

APPROXIMATE 250' BUFFER

APPROXIMATE PERIMETER ROAD

LEACHATE COLLECTION LINE AND SUMP RISER PIPE

LATERAL CLEANOUT LOCATION

LEACHATE FORCEMAIN

LEACHATE COLLECTION LINE

SUMP RISER

PIPE NUMBER

CELL NUMBER

SERVICE TYPE

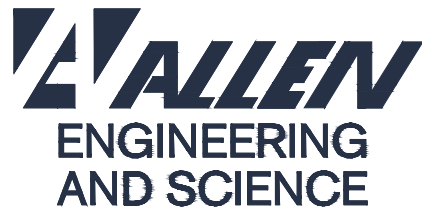
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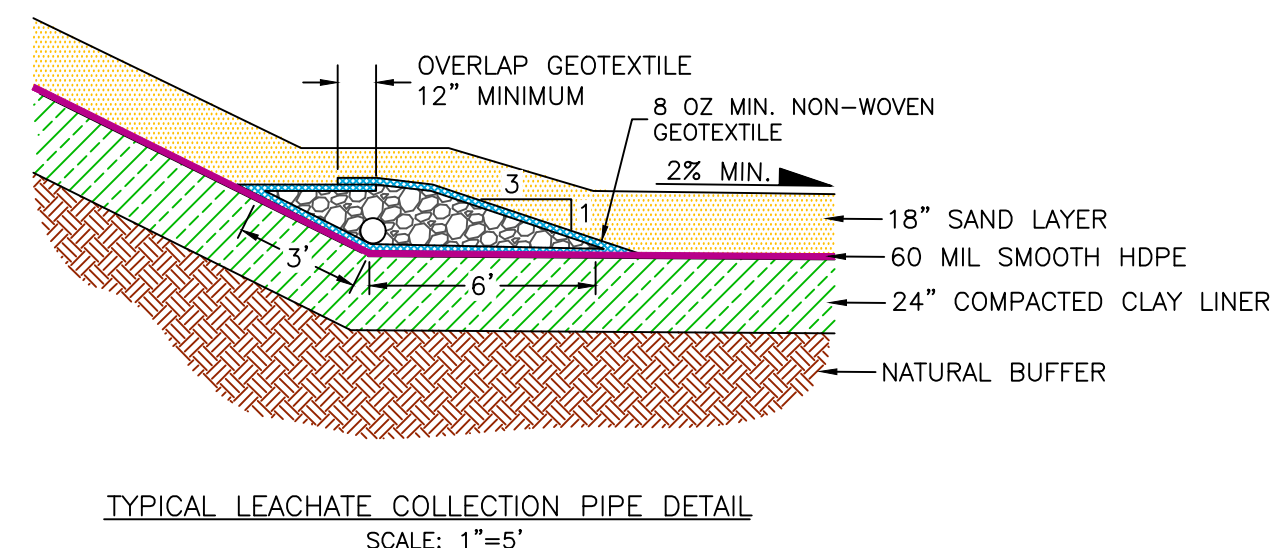
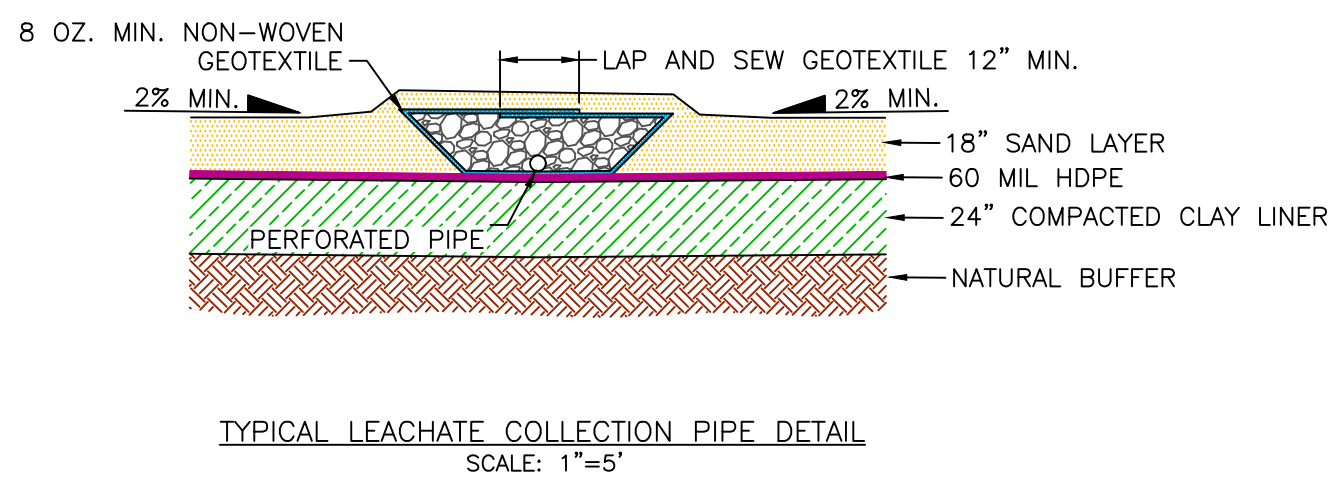
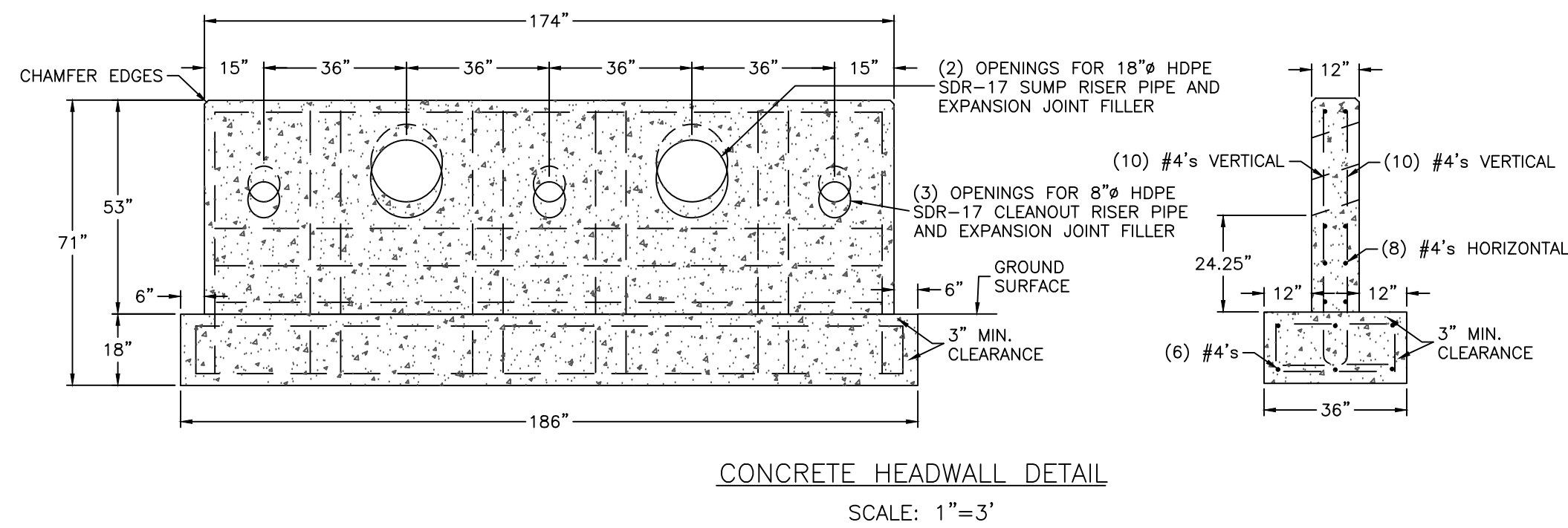
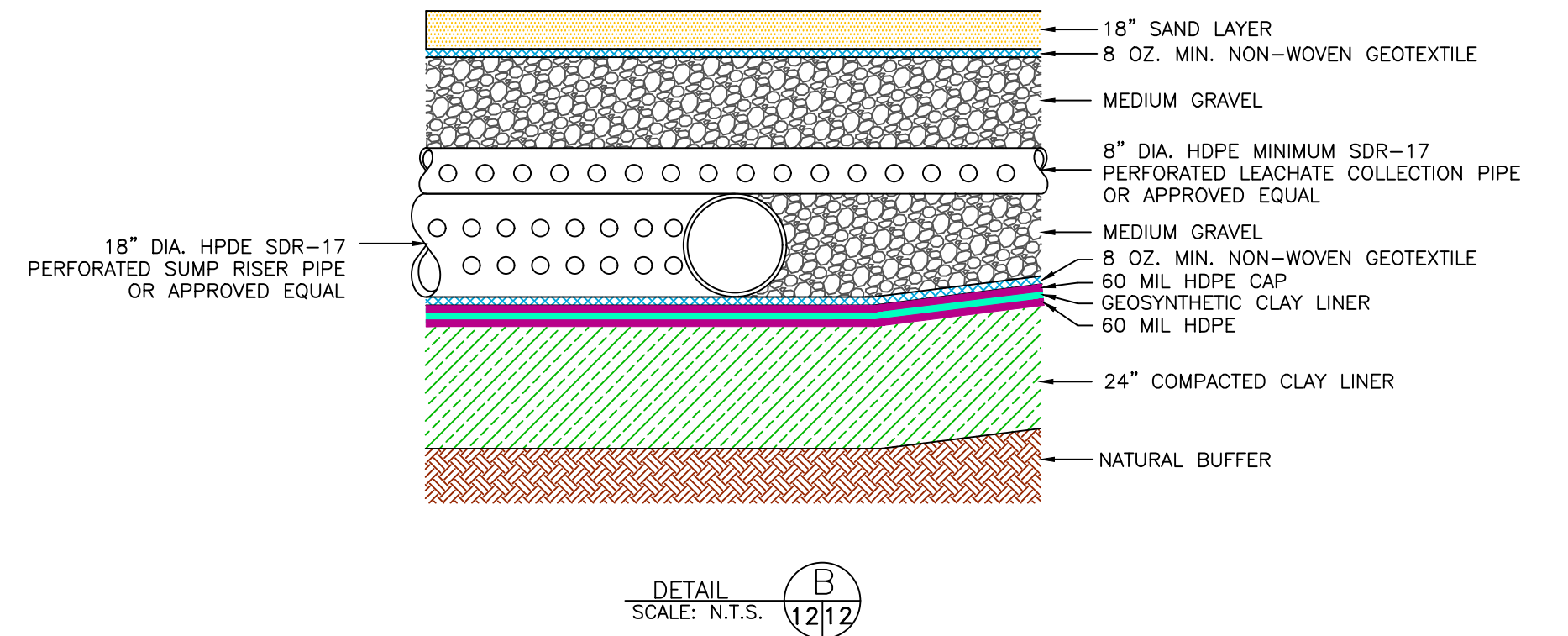
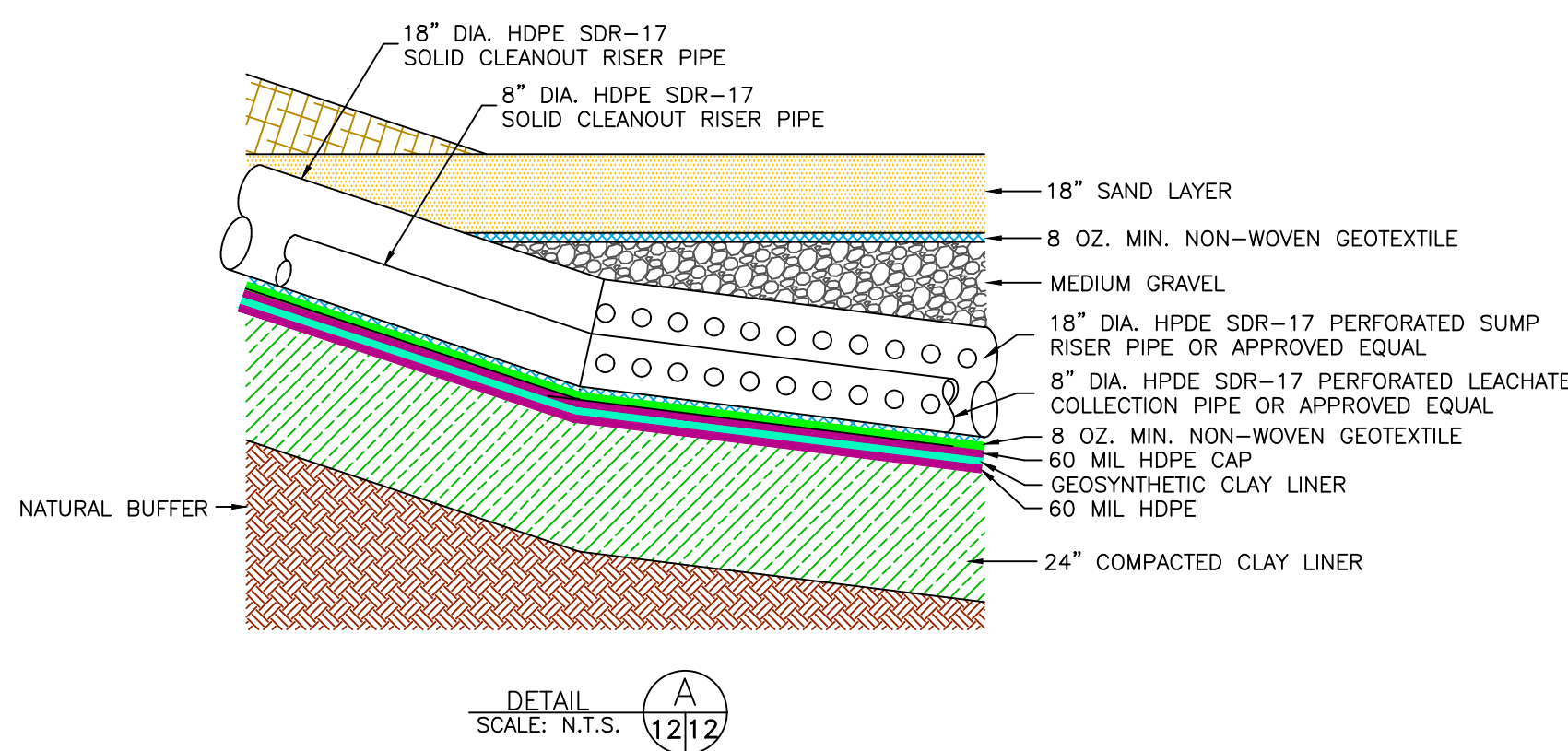
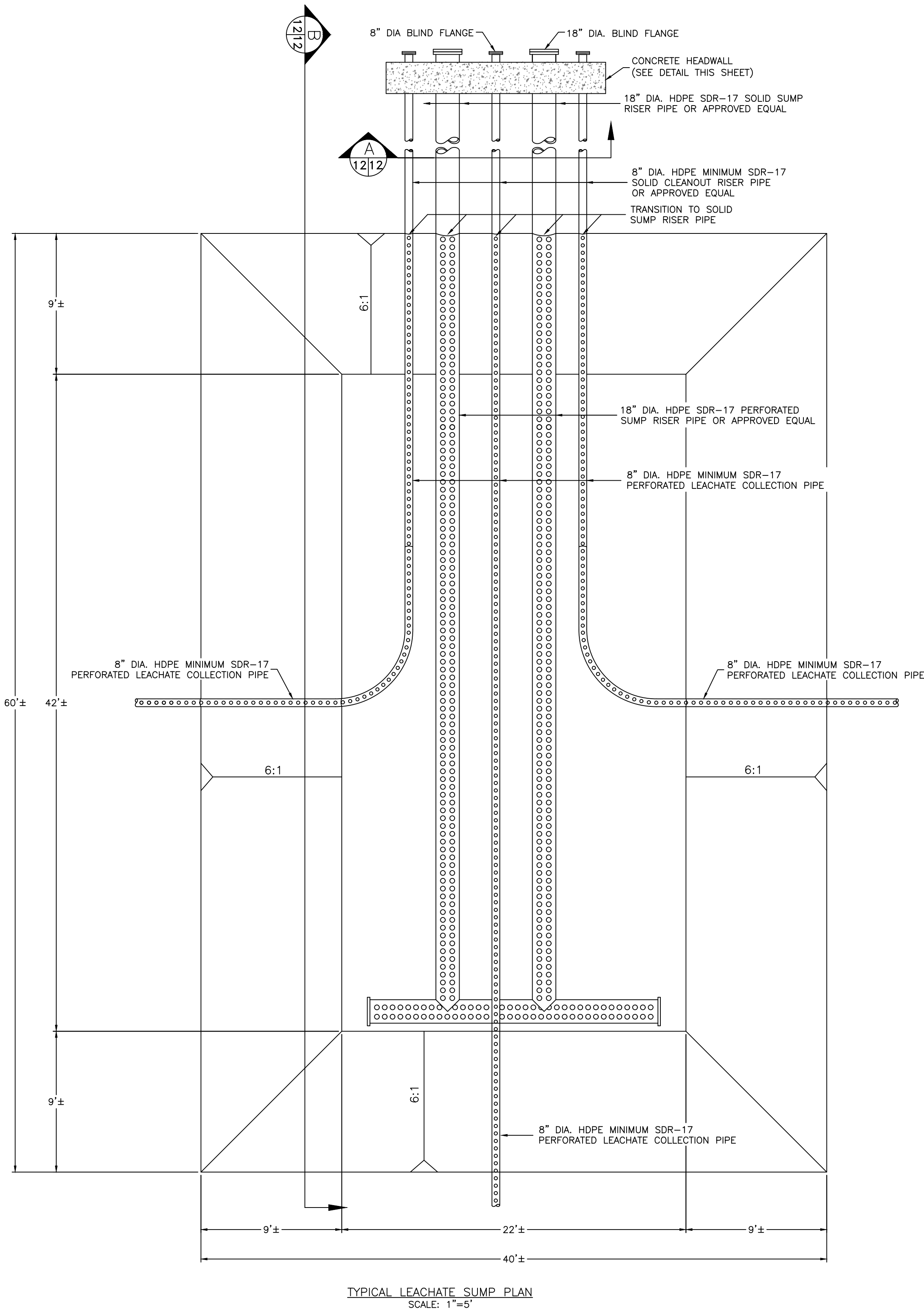
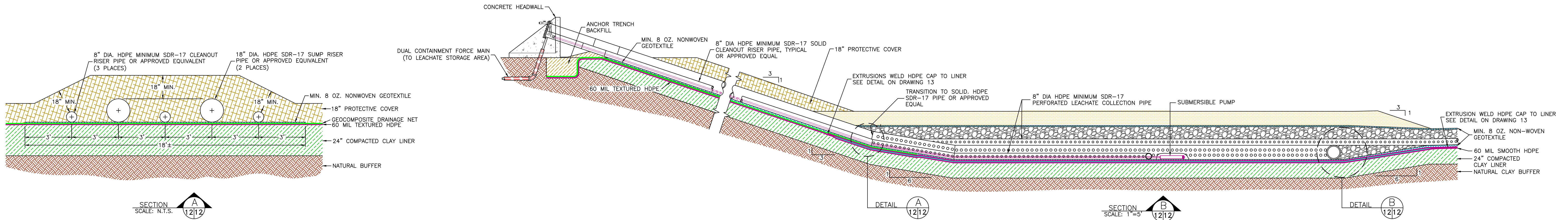
0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE



SCALE: 1"=220'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024

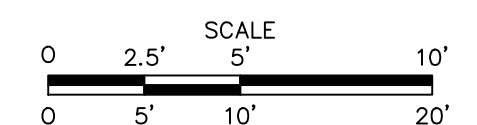


LEACHATE COLLECTION AND CONVEYANCE PIPING PLAN		PROJECT No. 24051	
GREENWAY ENVIRONMENTAL SERVICES, LLC.		CAD FILE NAME 121624 DWG11 R0 LCACPP	
FAYETTE, MISSISSIPPI		DRAWING 11	REVISION 0



LEGEND	
	SAND LAYER w/PERMEABILITY $K \geq 1 \times 10^{-2}$ cm/sec (<5% PASSING A NO. 200 SIEVE) OR APPROVED ALTERNATE MATERIAL
	MEDIUM GRAVEL (.5" TO 2")
	NATURAL BUFFER
	24" COMPACTED CLAY LINER w/PERMEABILITY $K \leq 1 \times 10^{-7}$ cm/sec OR EQUIVALENT GEOSYNTHETIC MATERIAL
	36" CONSTRUCTED BUFFER w/PERMEABILITY $K \leq 1 \times 10^{-7}$ cm/sec
	PROTECTIVE SOIL, OPERATIONAL COVER AND EROSION LAYER
	MINIMUM 8 OZ. NON-WOVEN GEOTEXTILE
	GEOSYNTHETIC CLAY LINER
	GEOCOMPOSITE DRAINAGE NET
	60 MIL HDPE (TEXTURED ON SIDESLOPES)
	4,000 PSI STRENGTH CONCRETE

NOTES:
1. SUMPS SHALL BE DOUBLE-LINED WITH 60 MIL HDPE AND GEOSYNTHETIC CLAY LINER. HDPE CAP SHALL EXTEND 5' OUT OF SUMP AND BE EXTRUSION WELDED TO LINER.



REV.	ISSUED FOR REVIEW	DESCRIPTION OF REVISION	BY	DATE
0	ISSUED FOR REVIEW		JLA	12/16/2024
	DESCRIPTION OF REVISION		BY	CURRENT DATE

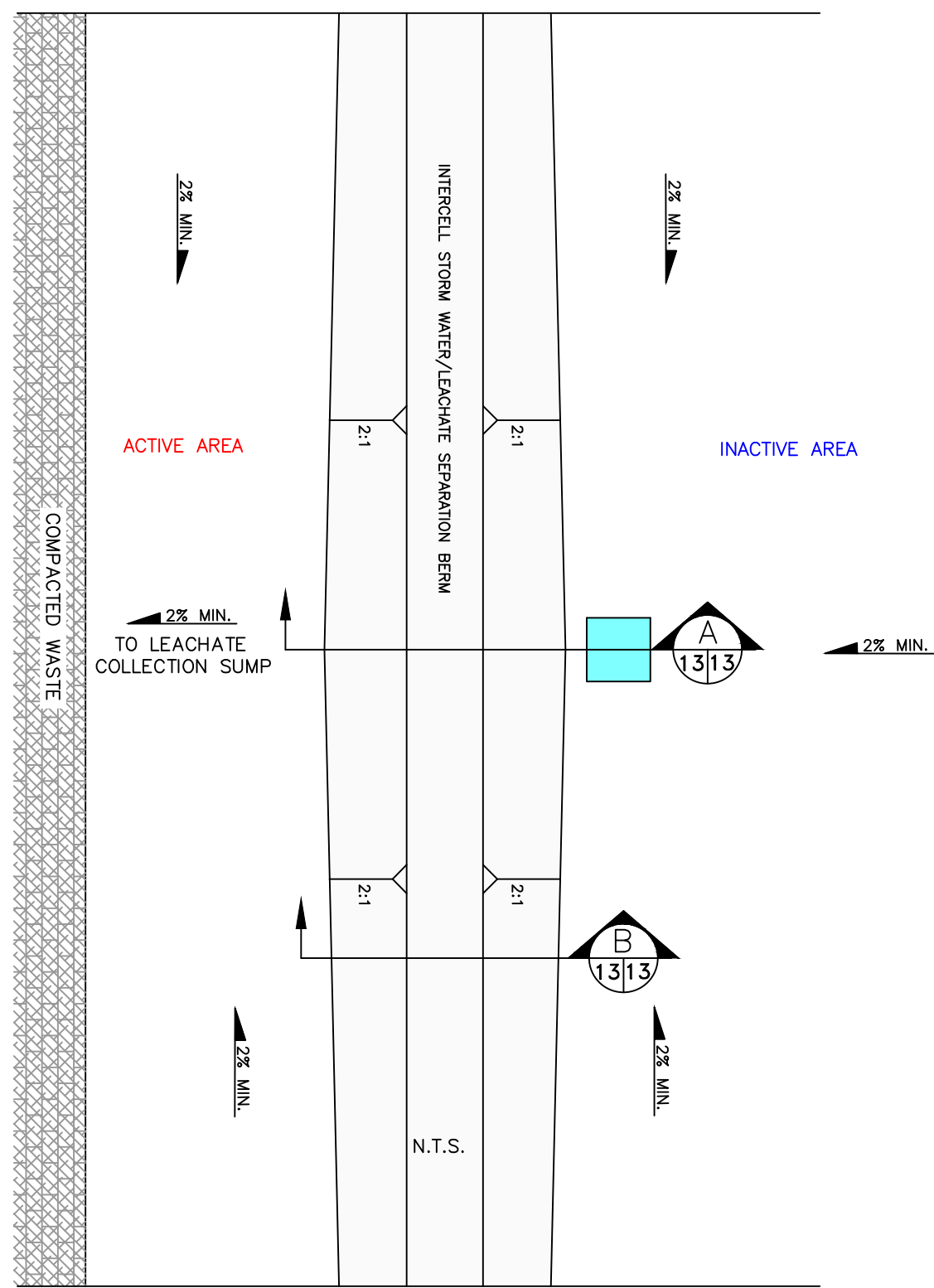


SCALE:	AS SHOWN
DRAWN:	W. COLEY
CHECKED:	T. MABRY
REVIEWED:	J. ALLEN
PROJECT MANAGER:	J. WILSON
DATE:	12/16/2024

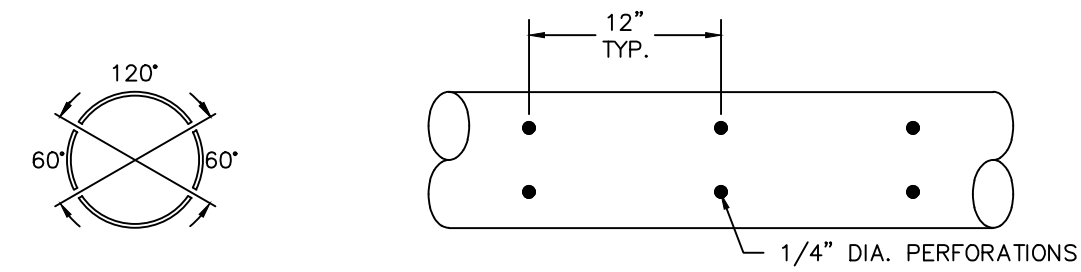


LEACHATE MANAGEMENT SYSTEM AND SUMP RISER DETAILS	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI	

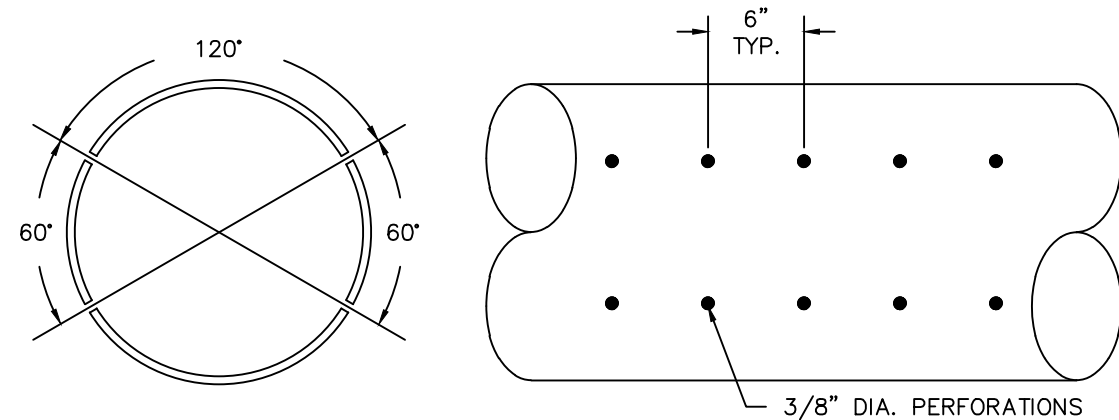
PROJECT No. 24051	CAD FILE NAME 121624 DWG12 RO LMSSRD
DRAWING 12	REVISION 0



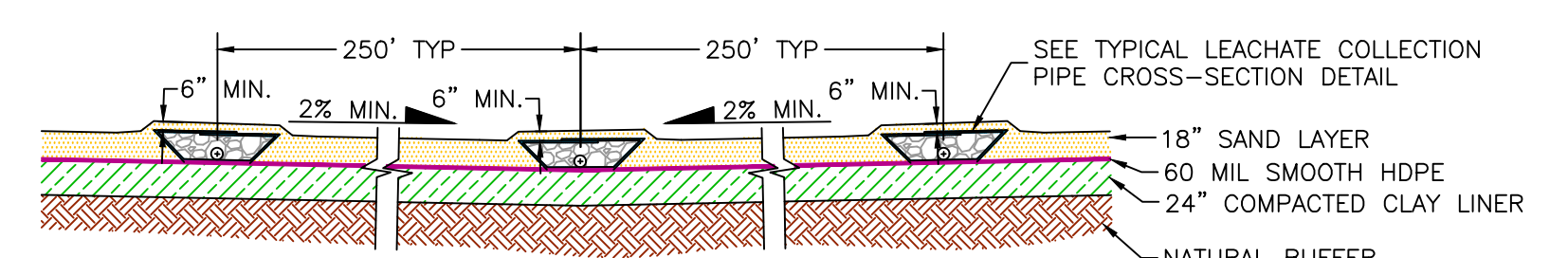
TYPICAL INTERCELL STORM WATER/LEACHATE SEPARATION BERM
SCALE: N.T.S.



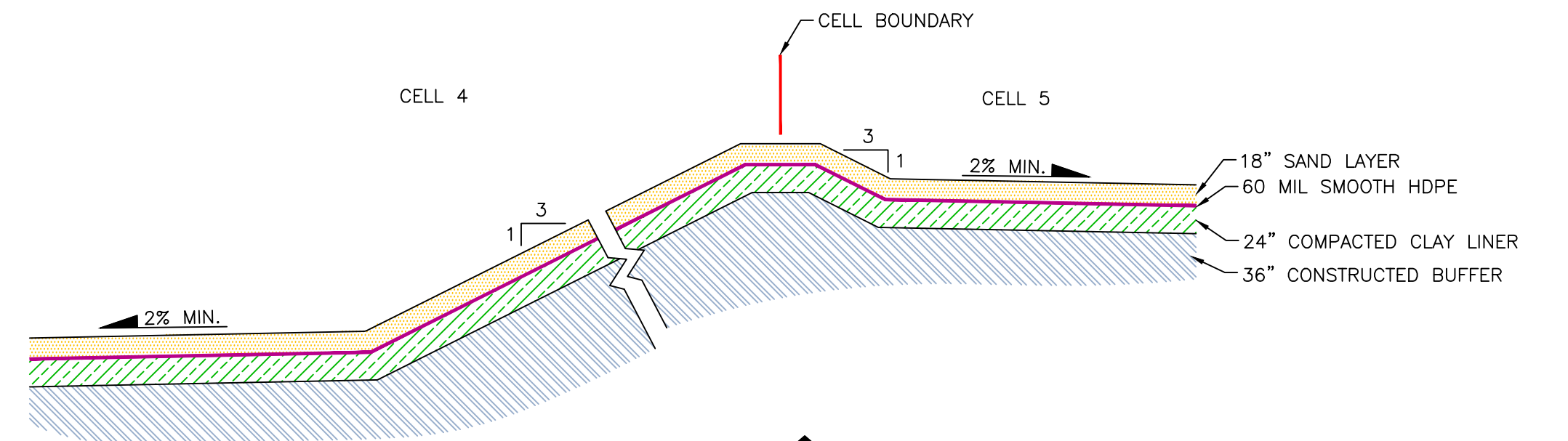
8" DIA. SDR-17 HDPE LEACHATE COLLECTION
PIPE PERFORATION DETAIL
SCALE: N.T.S.



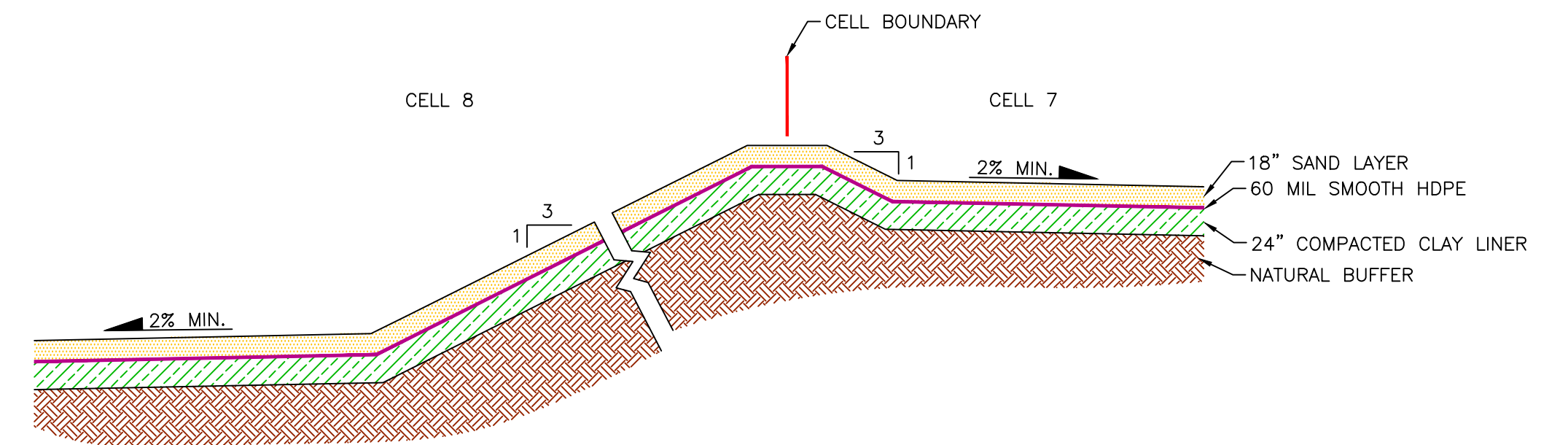
8" DIA. SDR-17 HDPE SUMP RISER
PIPE PERFORATION DETAIL
SCALE: N.T.S.



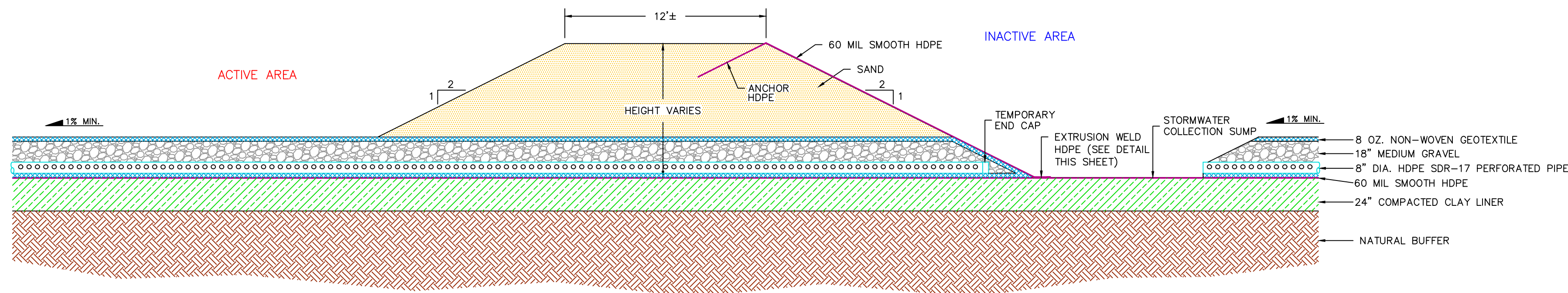
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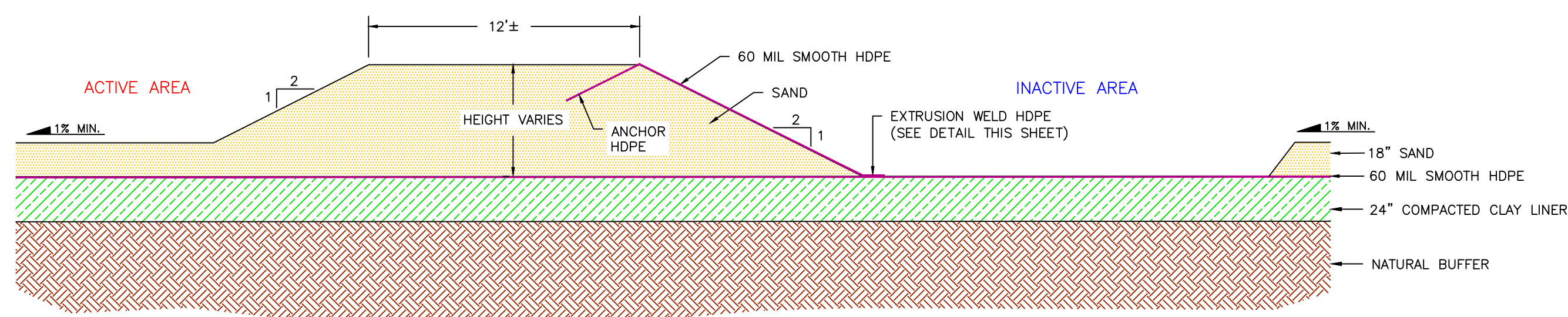
SECTION B
SCALE: 1"=10'



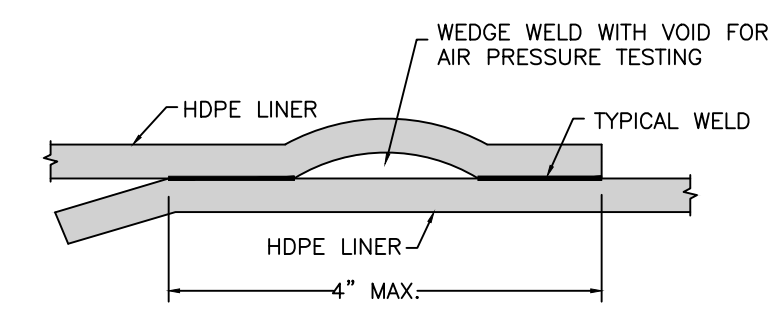
SECTION C
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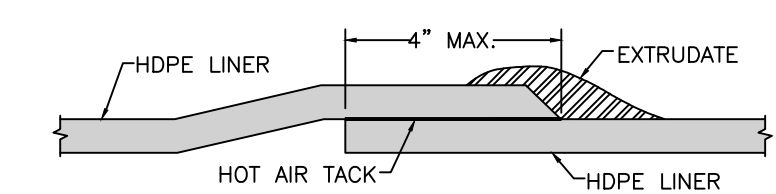
SECTION A
SCALE: 1"=5'



SECTION B
SCALE: 1"=5'



TYPICAL WEDGE WELD DETAIL
SCALE: N.T.S.



TYPICAL EXTRUSION WELD DETAIL
SCALE: N.T.S.

LEGEND

- SAND LAYER w/PERMEABILITY $K \geq 1 \times 10^{-2}$ cm/sec (<5% PASSING A NO. 200 SIEVE) OR APPROVED ALTERNATE MATERIAL
- MEDIUM GRAVEL (.5" TO 2")
- NATURAL BUFFER
- 24" COMPACTED CLAY LINER w/PERMEABILITY $K \leq 1 \times 10^{-7}$ cm/sec OR EQUIVALENT GEOSYNTHETIC MATERIAL
- 36" CONSTRUCTED BUFFER w/PERMEABILITY $K \leq 1 \times 10^{-7}$ cm/sec
- PROTECTIVE SOIL, OPERATIONAL COVER AND EROSION LAYER
- MINIMUM 8 OZ. NON-WOVEN GEOTEXTILE
- GEOSYNTHETIC CLAY LINER
- GEOCOMPOSITE DRAINAGE NET
- 60 MIL HDPE (TEXTURED ON SIDESLOPES)

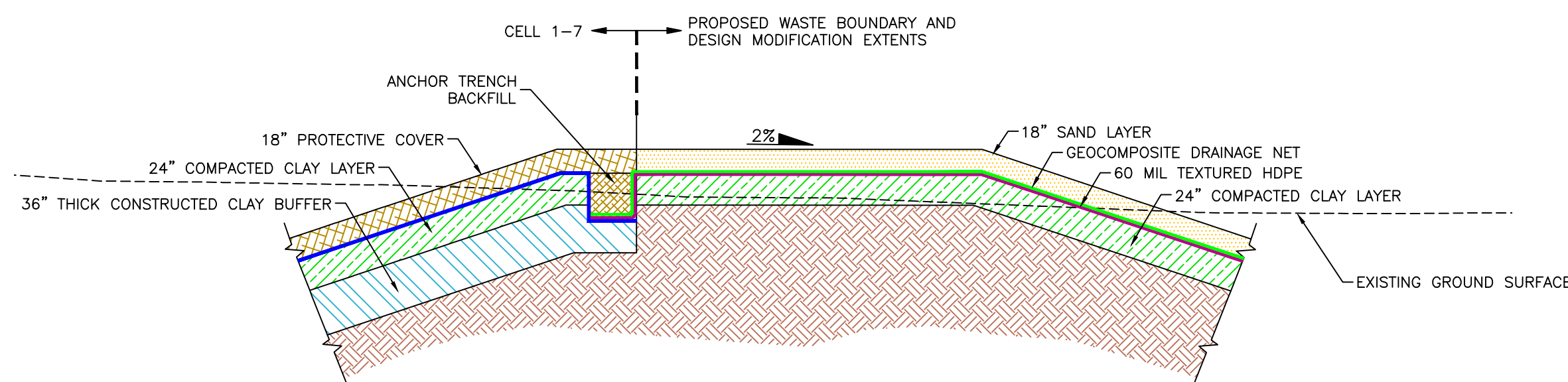
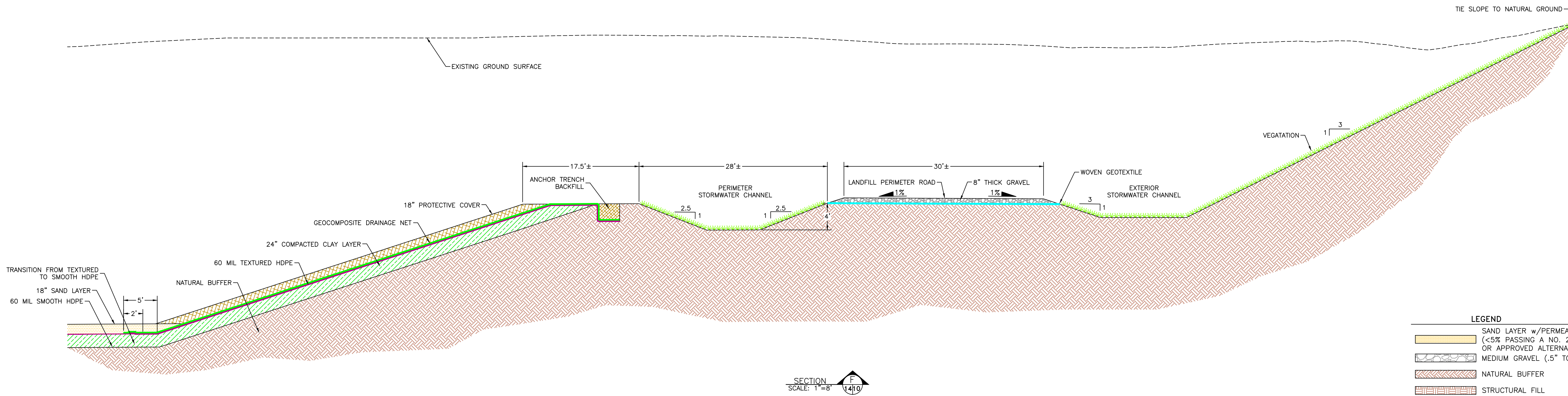
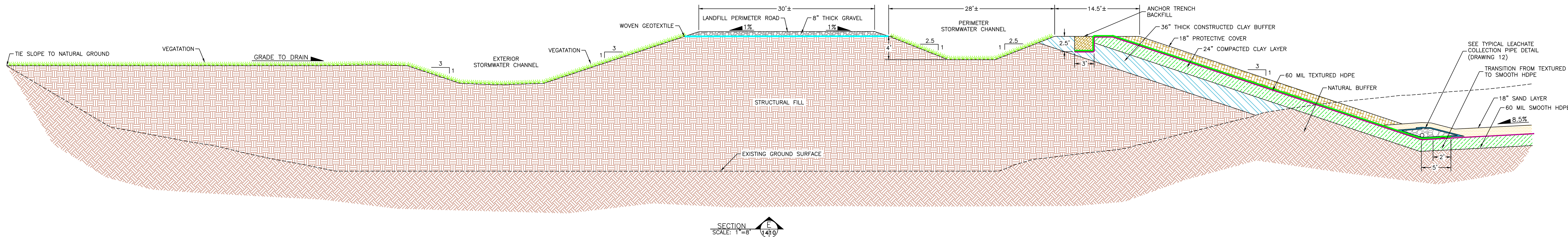
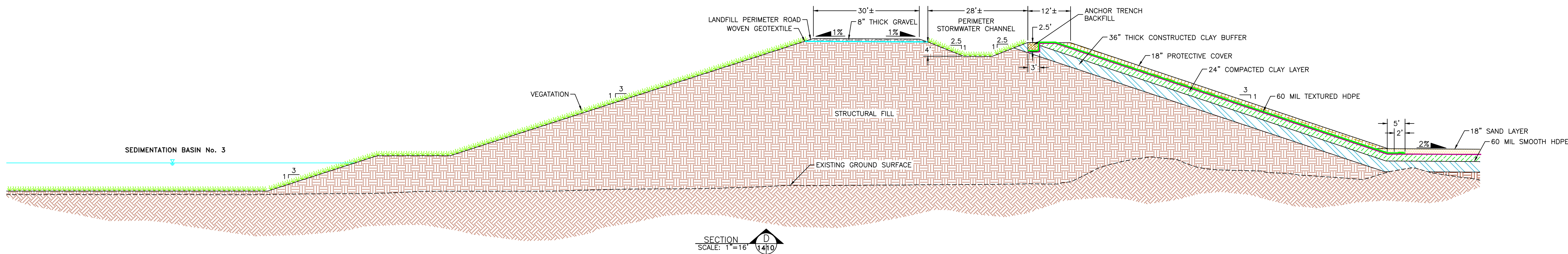
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REV.	DESCRIPTION OF REVISION		CURRENT DATE



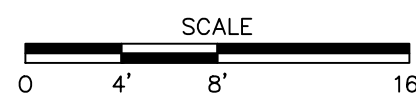
SCALE:	AS SHOWN
DRAWN:	W. COLEY
CHECKED:	T. MABRY
REVIEWED:	J. ALLEN
PROJECT MANAGER:	J. WILSON
DATE:	12/16/2024



LEACHATE MANAGEMENT SYSTEM DETAILS AND LANDFILL CROSS-SECTIONS	PROJECT No. 24051 CAD FILE NAME 121624 DWG13 RO LMSSRD
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI	DRAWING 13 REVISION 0



- LEGEND
- SAND LAYER w/PERMEABILITY $K \geq 1 \times 10^{-2}$ cm/sec ($< 5\%$ PASSING A NO. 200 SIEVE) OR APPROVED ALTERNATE MATERIAL
 - MEDIUM GRAVEL (.5" TO 2")
 - NATURAL BUFFER
 - STRUCTURAL FILL
 - 24" COMPACTED CLAY LINER w/PERMEABILITY $K \leq 1 \times 10^{-7}$ cm/sec OR EQUIVALENT GEOSYNTHETIC MATERIAL
 - 36" CONSTRUCTED CLAY BUFFER w/PERMEABILITY $K \leq 1 \times 10^{-7}$ cm/sec
 - PROTECTIVE SOIL LAYER
 - ANCHOR TRENCH BACKFILL
 - WOVEN GEOTEXTILE
 - 60 MIL HDPE (TEXTURED ON SIDESLOPES)
 - GEOCOMPOSITE DRAINAGE NET
 - VEGETATION



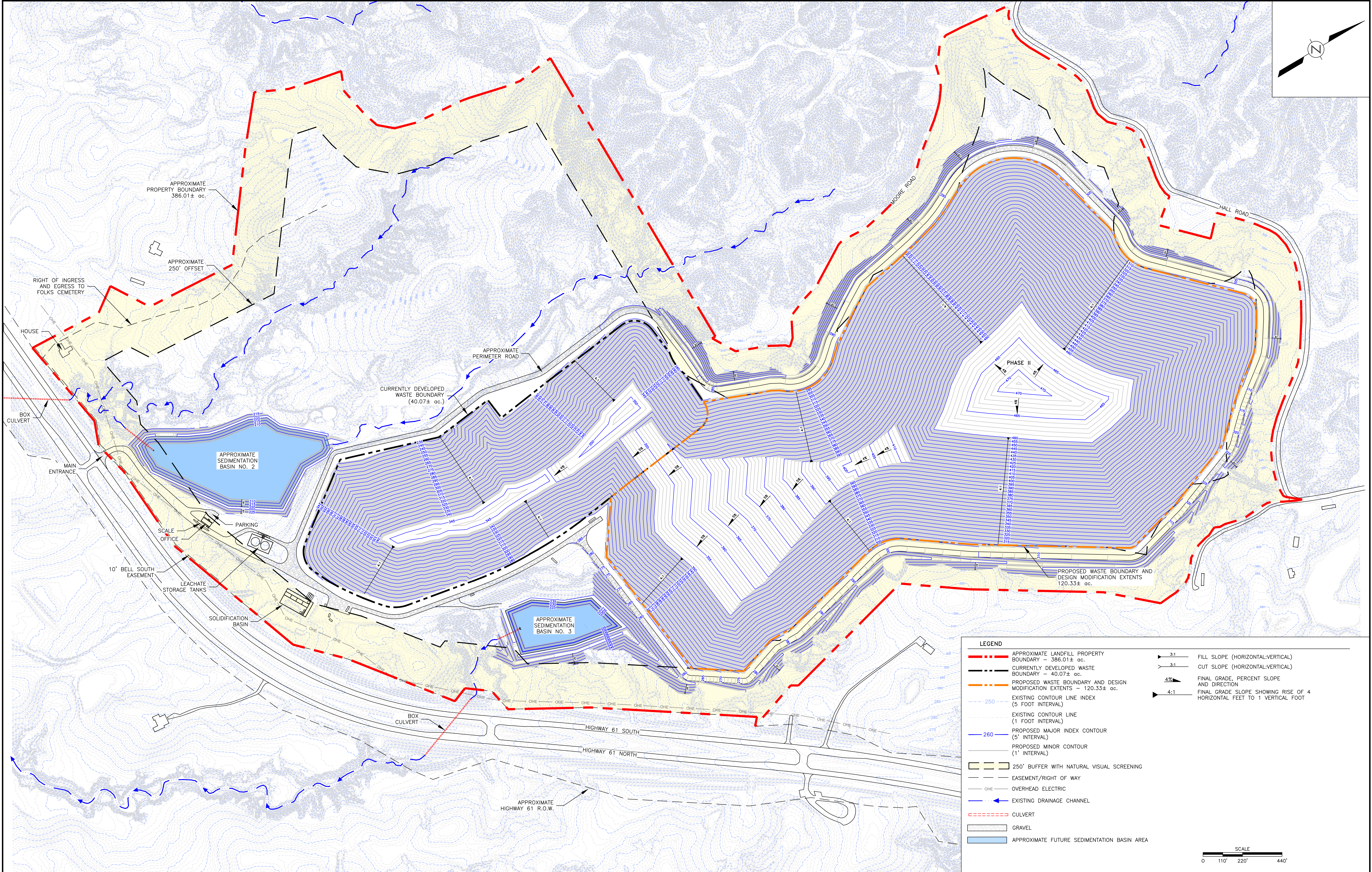
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE
0	ISSUED FOR REVIEW	JLA	12/16/2024



SCALE: AS SHOWN
DRAWN: W. COLEY
CHECKED: T. MABRY
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



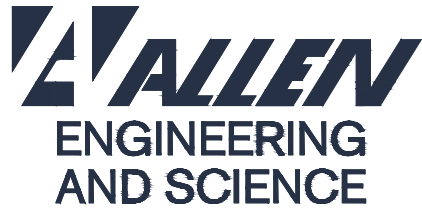
LANDFILL CROSS-SECTIONS AND DETAILS	PROJECT No. 24051
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI	CAD FILE NAME 121624 DWG14 RO D LCSD
	DRAWING REVISION
	14 0



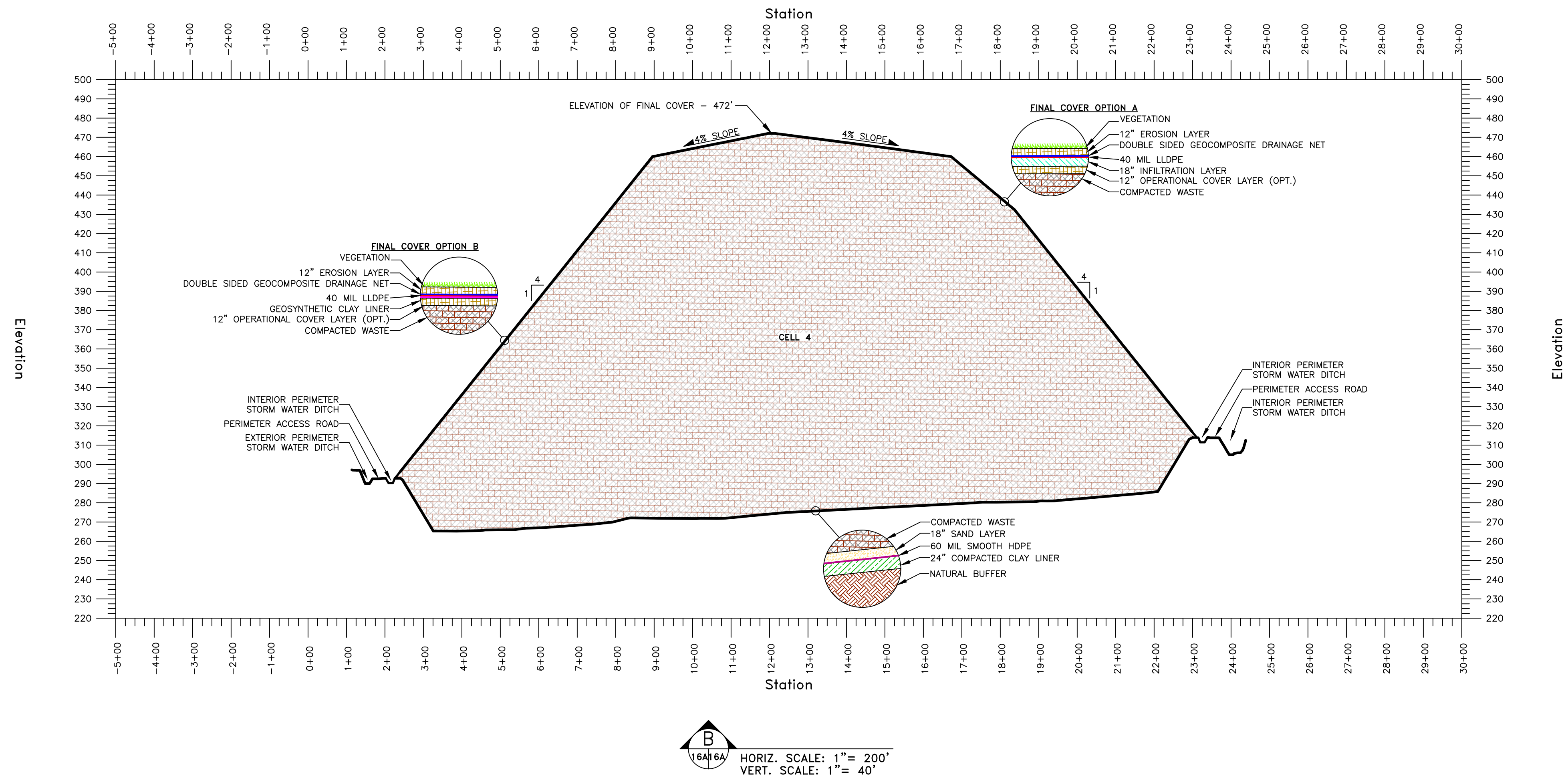
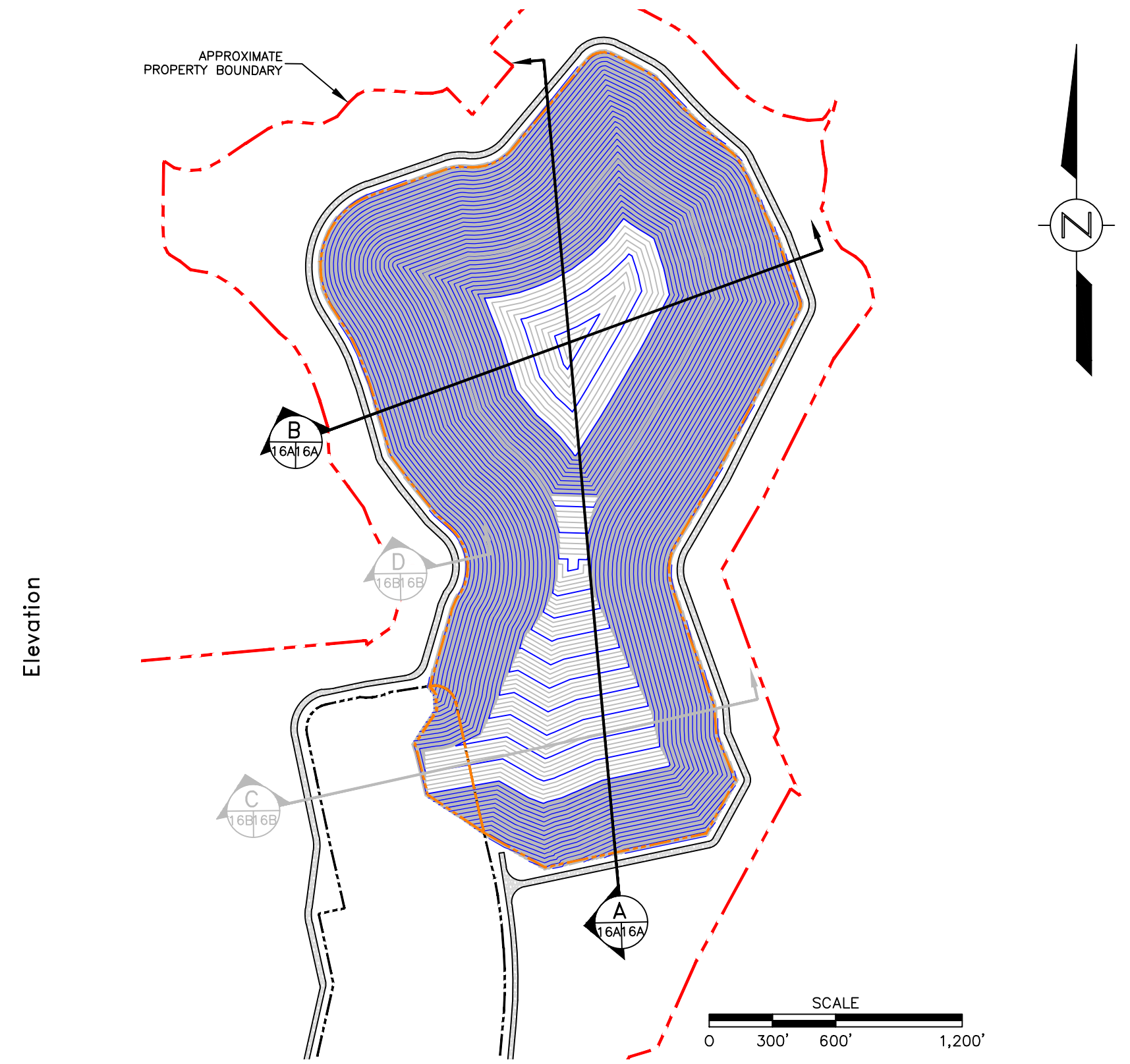
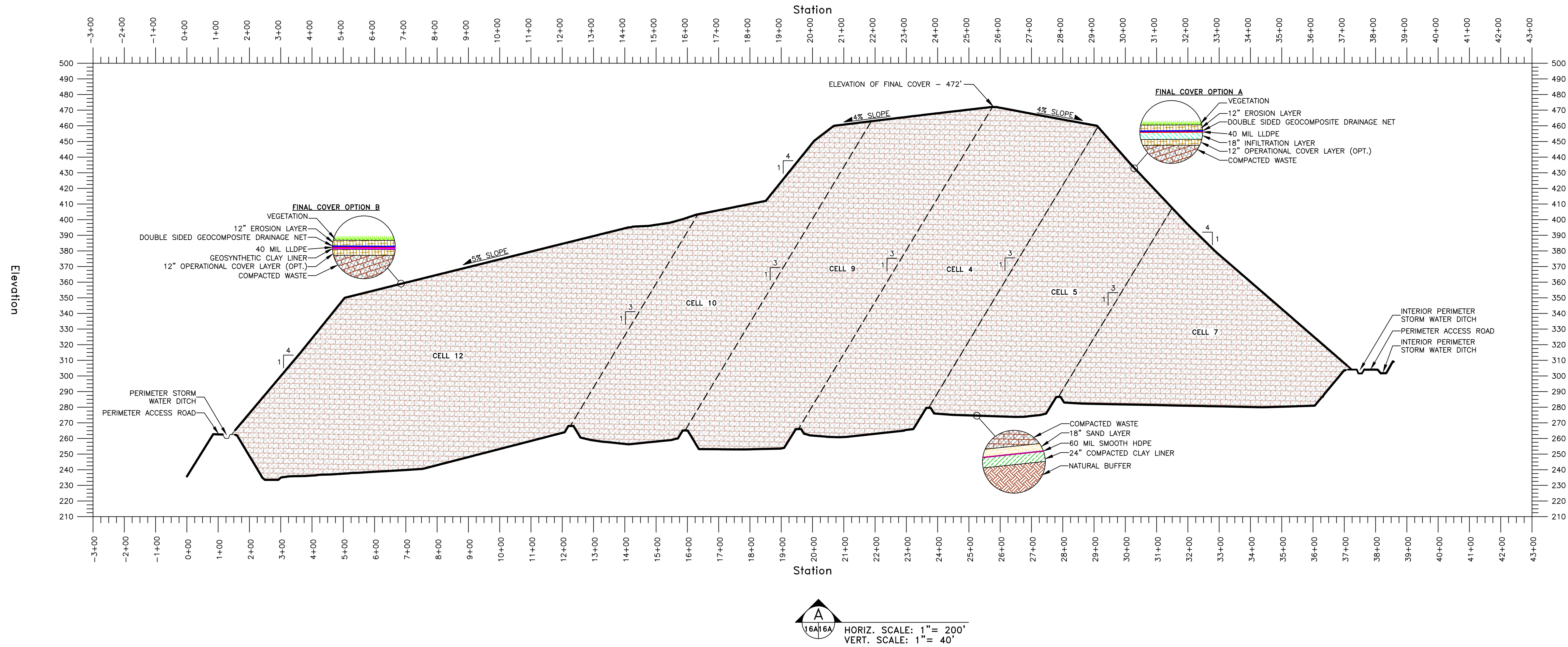
0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE



SCALE: 1"=220'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



FINAL CAP GRADING PLAN		PROJECT No. 24051	
GREENWAY ENVIRONMENTAL SERVICES, LLC.		CAD FILE NAME 121624 DWG15 R0 FCGP	
FAYETTE, MISSISSIPPI		DRAWING 15	REVISION 0



- LEGEND
- SAND LAYER
 - GRAVEL
 - 24\"/>

0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE

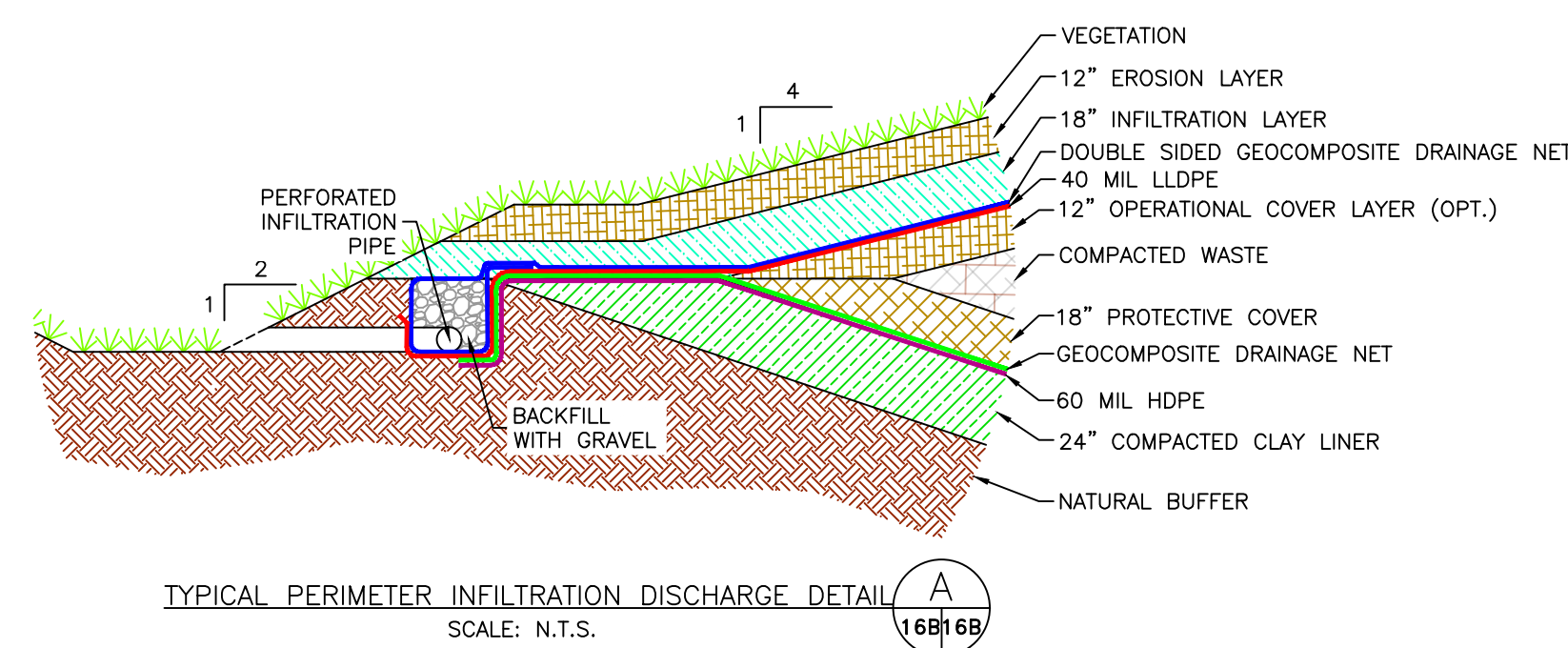
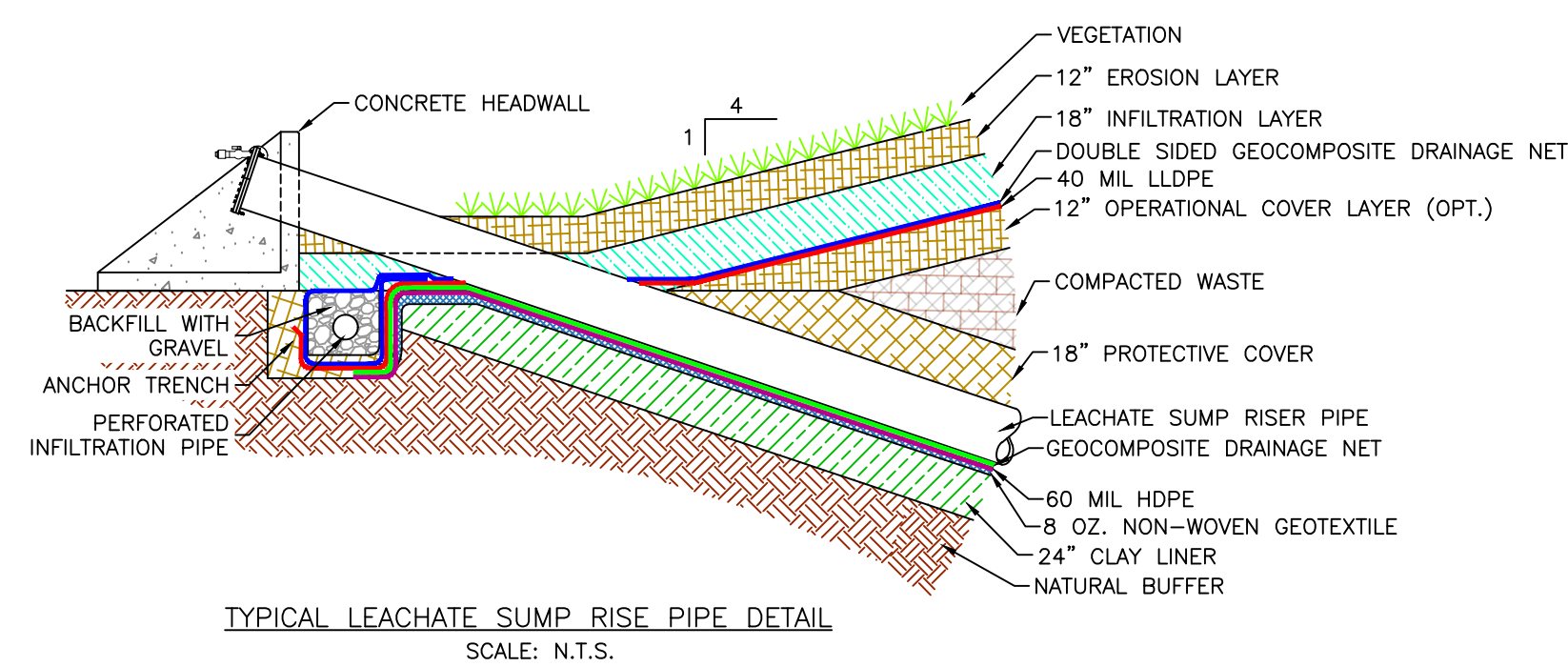
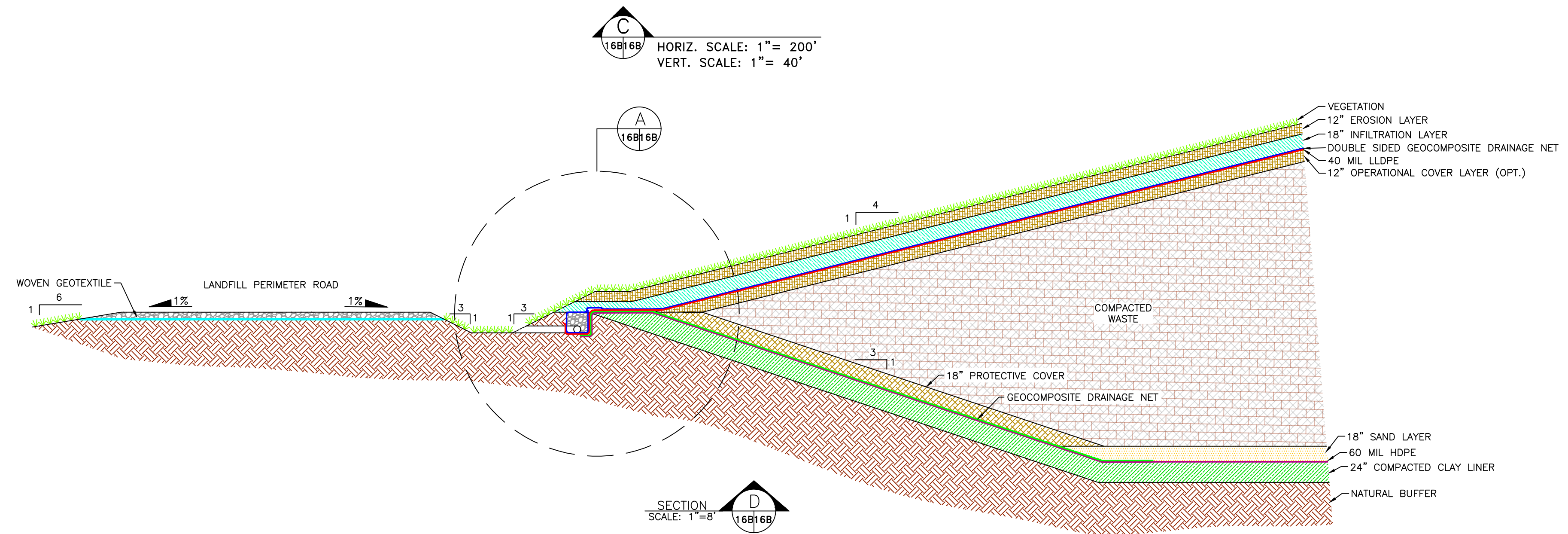
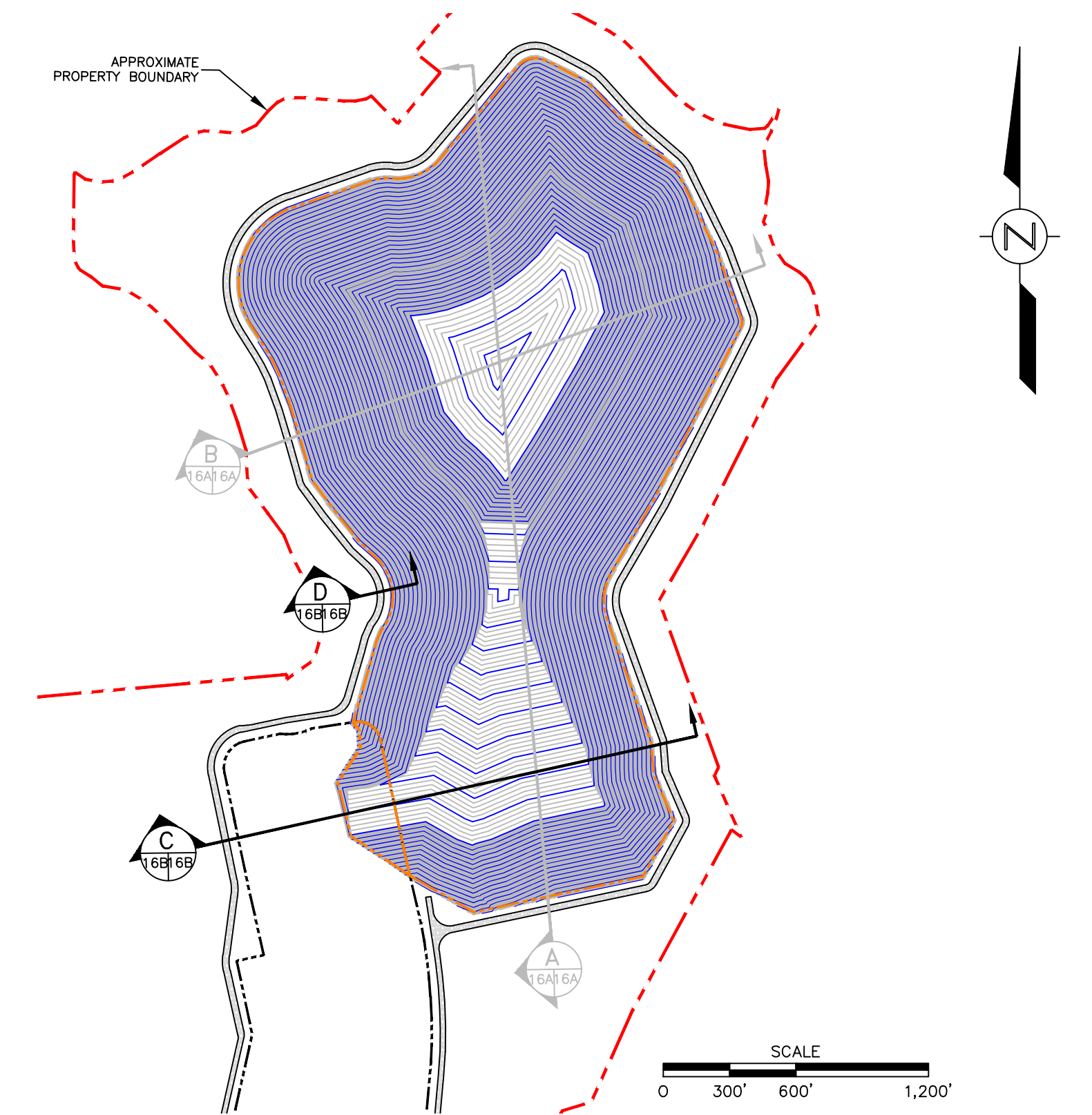
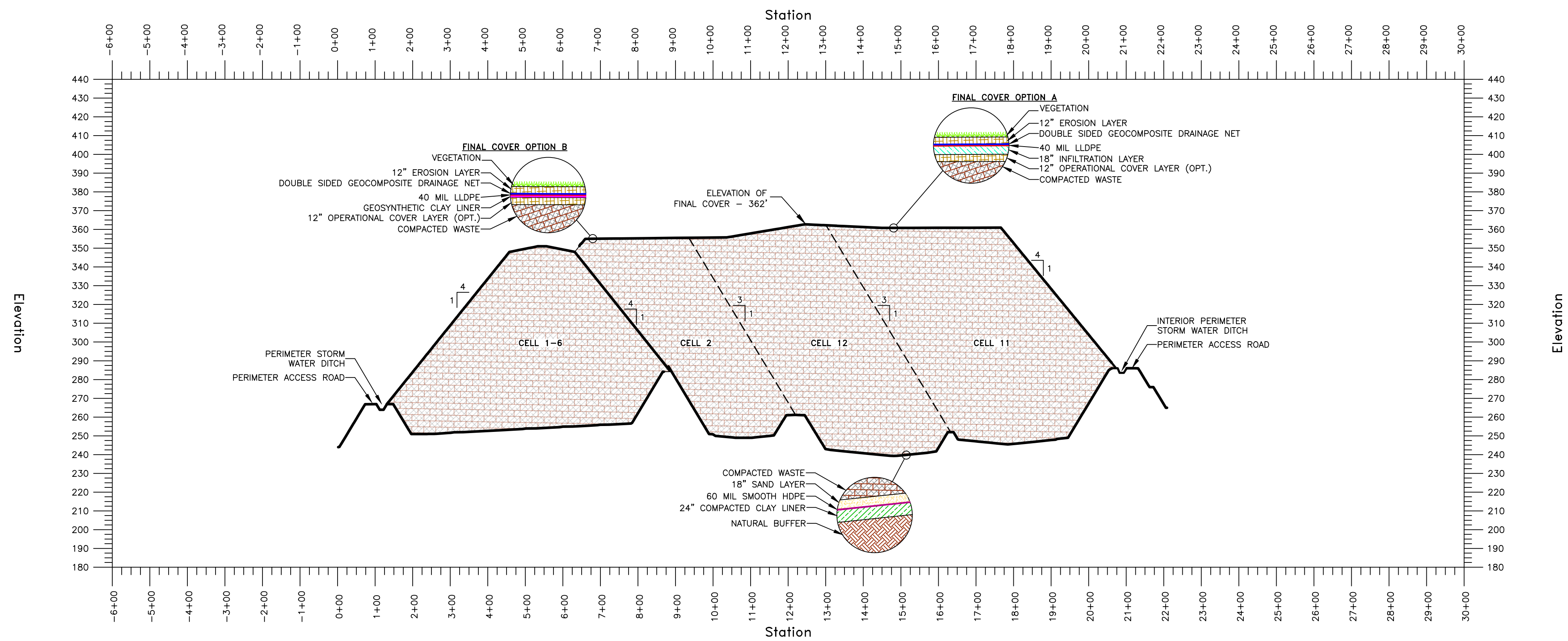


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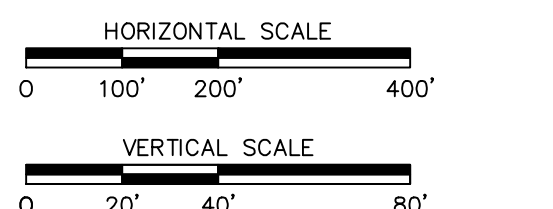


FINAL GRADING PLAN CROSS-SECTION AND DETAILS	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI	

PROJECT No. 24051	DRAWING 16A	REVISION 0
CAD FILE NAME 121624 DWG16A R0 FCGC		



LEGEND	
	SAND LAYER
	GRAVEL
	24" COMPACTED CLAY LINER w/PERMEABILITY $K \leq 1 \times 10^{-7}$ cm/sec OR EQUIVALENT GEOSYNTHETIC MATERIAL
	18" COMPACTED INFILTRATION LAYER w/PERMEABILITY $K \leq 1 \times 10^{-5}$ cm/sec
	NATURAL BUFFER
	COMPACTED WASTE
	PROTECTIVE SOIL, OPERATIONAL COVER AND EROSION LAYER
	60 MIL HDPE LINER
	40 MIL LLDPE LINER
	GEOSYNTHETIC CLAY LINER $K \leq 5 \times 10^{-9}$ cm/sec
	DOUBLE SIDED GEOCOMPOSITE DRAINAGE NET
	GEOCOMPOSITE DRAINAGE NET
	VEGETATION



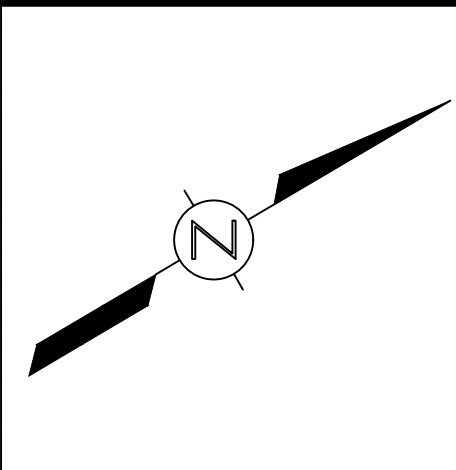
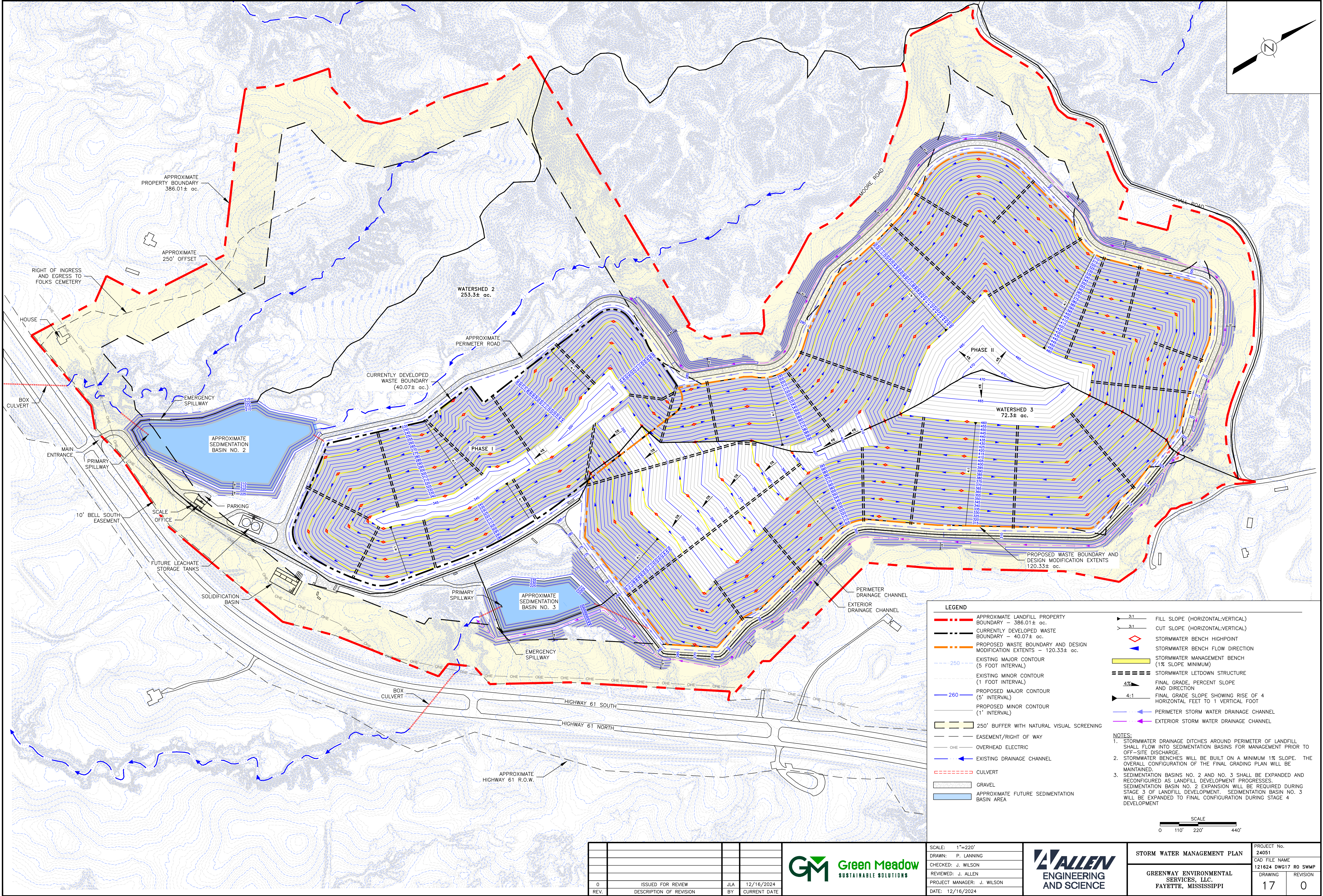
REV.	ISSUED FOR REVIEW	DESCRIPTION OF REVISION	BY	DATE
0	ISSUED FOR REVIEW		JLA	12/16/2024
REV.	DESCRIPTION OF REVISION		BY	CURRENT DATE



SCALE:	AS SHOWN
DRAWN:	P. LANNING
CHECKED:	J. WILSON
REVIEWED:	J. ALLEN
PROJECT MANAGER:	J. WILSON
DATE:	12/16/2024



FINAL GRADING PLAN CROSS-SECTION AND DETAILS	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI	
PROJECT No. 24051 CAD FILE NAME 121624 DWG16B R0 FCGC	REVISION 16B 0



LEGEND

- APPROXIMATE LANDFILL PROPERTY BOUNDARY - 386.01± ac.
- CURRENTLY DEVELOPED WASTE BOUNDARY - 40.07± ac.
- PROPOSED WASTE BOUNDARY AND DESIGN MODIFICATION EXTENTS - 120.33± ac.
- EXISTING MAJOR CONTOUR (5 FOOT INTERVAL)
- EXISTING MINOR CONTOUR (1 FOOT INTERVAL)
- PROPOSED MAJOR CONTOUR (5' INTERVAL)
- PROPOSED MINOR CONTOUR (1' INTERVAL)
- 250' BUFFER WITH NATURAL VISUAL SCREENING
- EASEMENT/RIGHT OF WAY
- OHE OVERHEAD ELECTRIC
- EXISTING DRAINAGE CHANNEL
- CULVERT
- GRAVEL
- APPROXIMATE FUTURE SEDIMENTATION BASIN AREA

- 3:1 FILL SLOPE (HORIZONTAL:VERTICAL)
- 3:1 CUT SLOPE (HORIZONTAL:VERTICAL)
- STORMWATER BENCH HIGHPOINT
- STORMWATER BENCH FLOW DIRECTION
- STORMWATER MANAGEMENT BENCH (1% SLOPE MINIMUM)
- STORMWATER LETDOWN STRUCTURE
- FINAL GRADE, PERCENT SLOPE AND DIRECTION
- FINAL GRADE SLOPE SHOWING RISE OF 4 HORIZONTAL FEET TO 1 VERTICAL FOOT
- PERIMETER STORM WATER DRAINAGE CHANNEL
- EXTERIOR STORM WATER DRAINAGE CHANNEL

NOTES:

- STORMWATER DRAINAGE DITCHES AROUND PERIMETER OF LANDFILL SHALL FLOW INTO SEDIMENTATION BASINS FOR MANAGEMENT PRIOR TO OFF-SITE DISCHARGE.
- STORMWATER BENCHES WILL BE BUILT ON A MINIMUM 1% SLOPE. THE OVERALL CONFIGURATION OF THE FINAL GRADING PLAN WILL BE MAINTAINED.
- SEDIMENTATION BASINS NO. 2 AND NO. 3 SHALL BE EXPANDED AND RECONFIGURED AS LANDFILL DEVELOPMENT PROGRESSES. SEDIMENTATION BASIN NO. 2 EXPANSION WILL BE REQUIRED DURING STAGE 3 OF LANDFILL DEVELOPMENT. SEDIMENTATION BASIN NO. 3 WILL BE EXPANDED TO FINAL CONFIGURATION DURING STAGE 4 DEVELOPMENT.

SCALE

0 110' 220' 440'

0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE



SCALE: 1"=220'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024

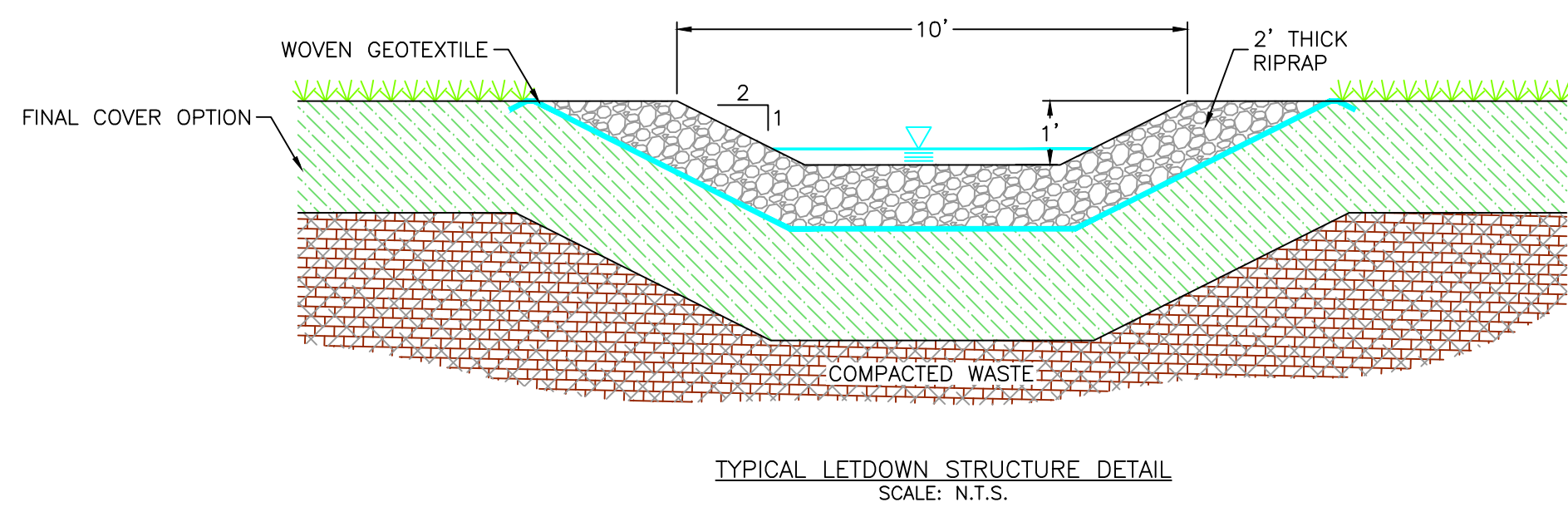
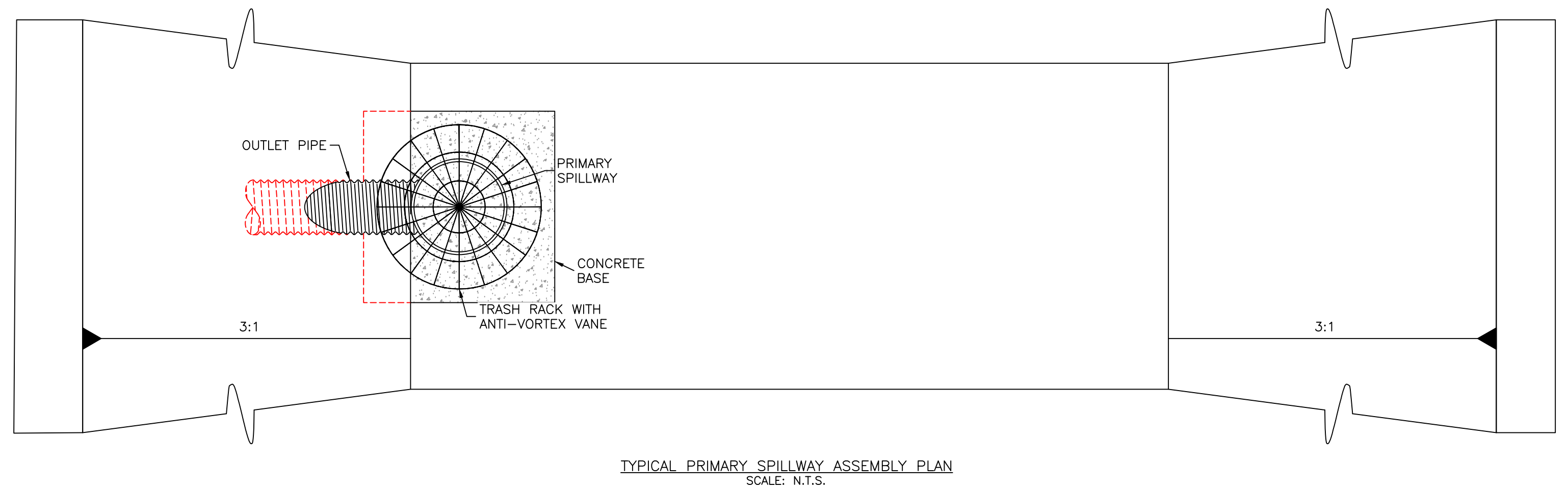
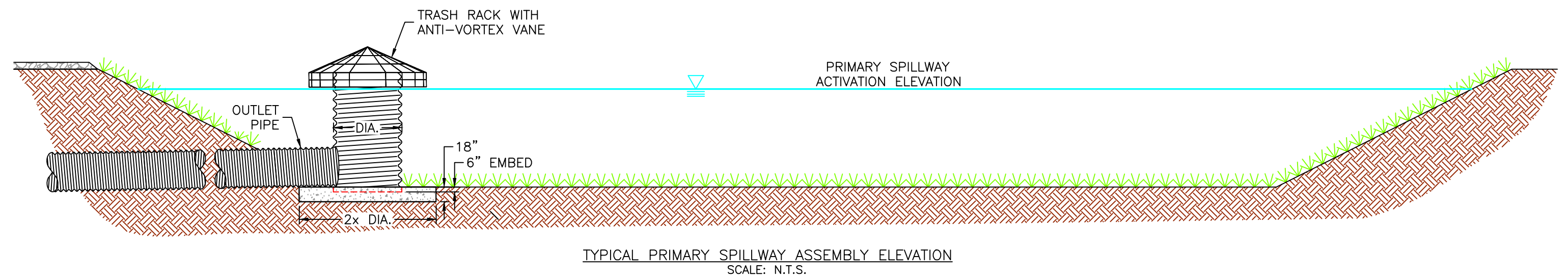
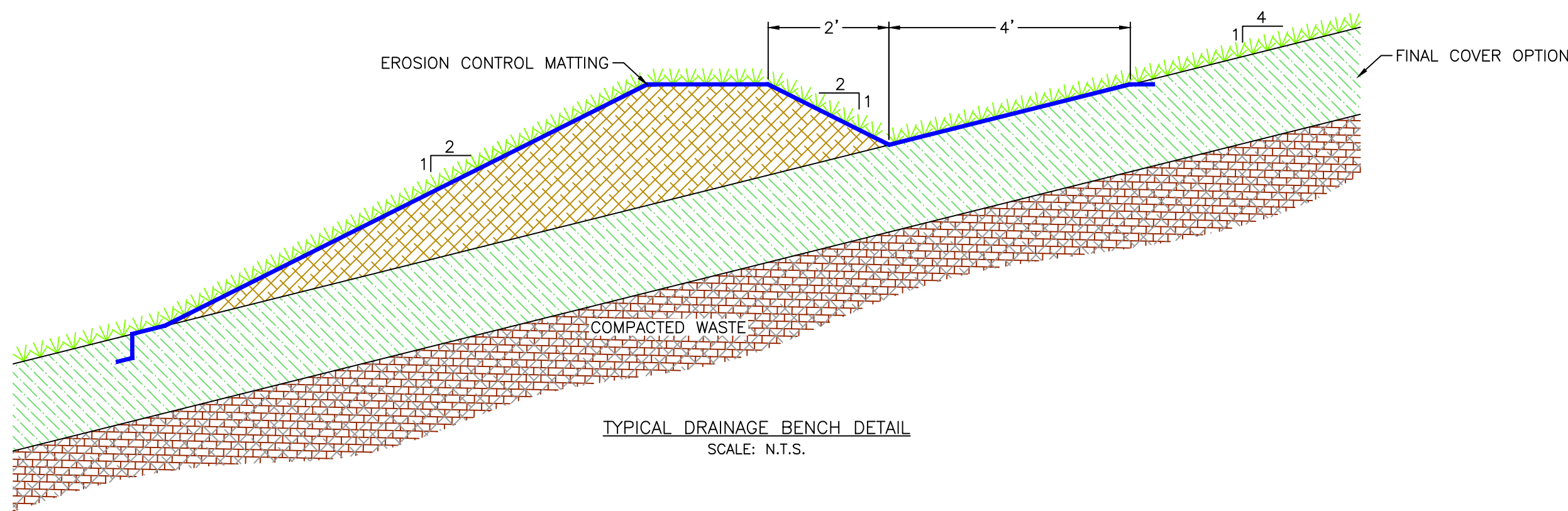


PROJECT No. 24051	
CAD FILE NAME 121624 DWG17 R0 SWMP	
DRAWING REVISION	
17	0

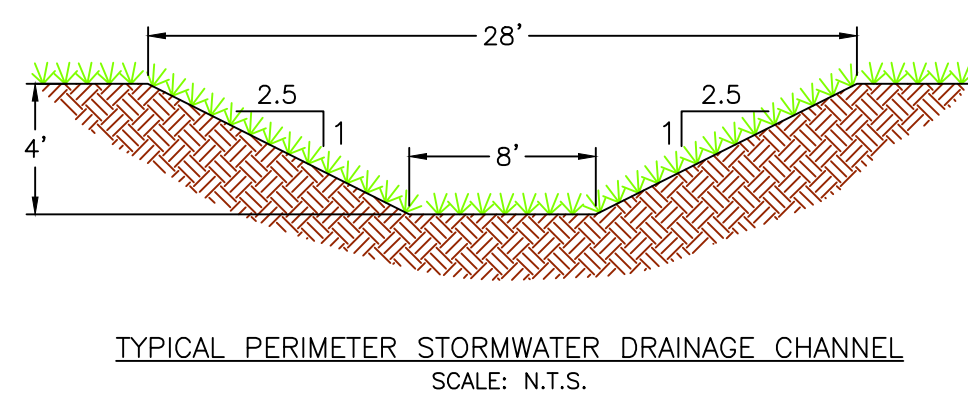
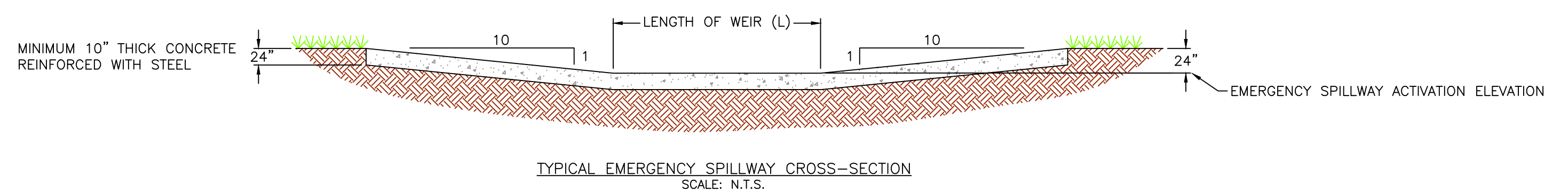
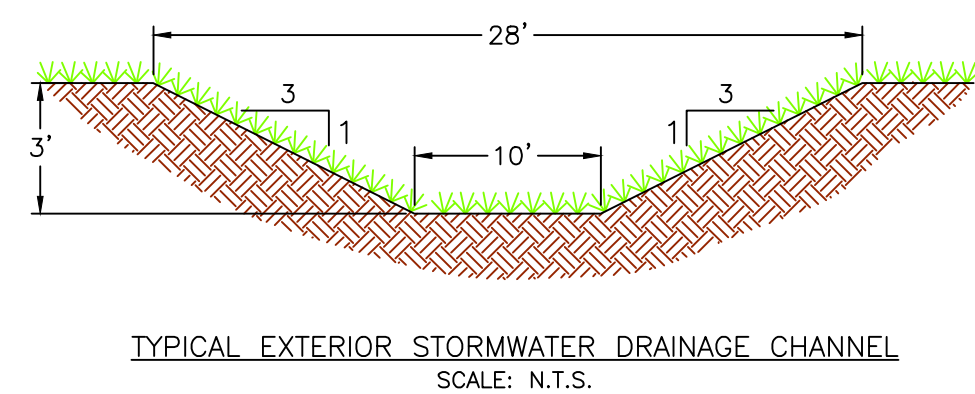
STORM WATER MANAGEMENT PLAN

GREENWAY ENVIRONMENTAL SERVICES, LLC.

FAYETTE, MISSISSIPPI



	PRIMARY SPILLWAY	
	SEDIMENTATION BASIN 2	SEDIMENTATION BASIN 3
DROP-INLET DIMENSIONS (FT)	6' RISER PIPE	5' RISER PIPE
OUTLET PIPE SIZE (FT)	4' OUTLET PIPE	3.5' OUTLET PIPE
ACTIVATION ELEVATION (MSL)	213'	230.5'
	EMERGENCY SPILLWAY	
	SEDIMENTATION BASIN 2	SEDIMENTATION BASIN 3
LENGTH OF WEIR (FT)	80'	30'
ACTIVATION ELEVATION (MSL)	218'	233'



LEGEND	
	FINAL COVER OPTION
	NATURAL BUFFER
	COMPACTED WASTE
	PROTECTIVE SOIL, OPERATIONAL COVER AND EROSION LAYER
	WOVEN GEOTEXTILE
	DOUBLE-SIDED GEOCOMPOSITE DRAINAGE NET
	VEGETATION

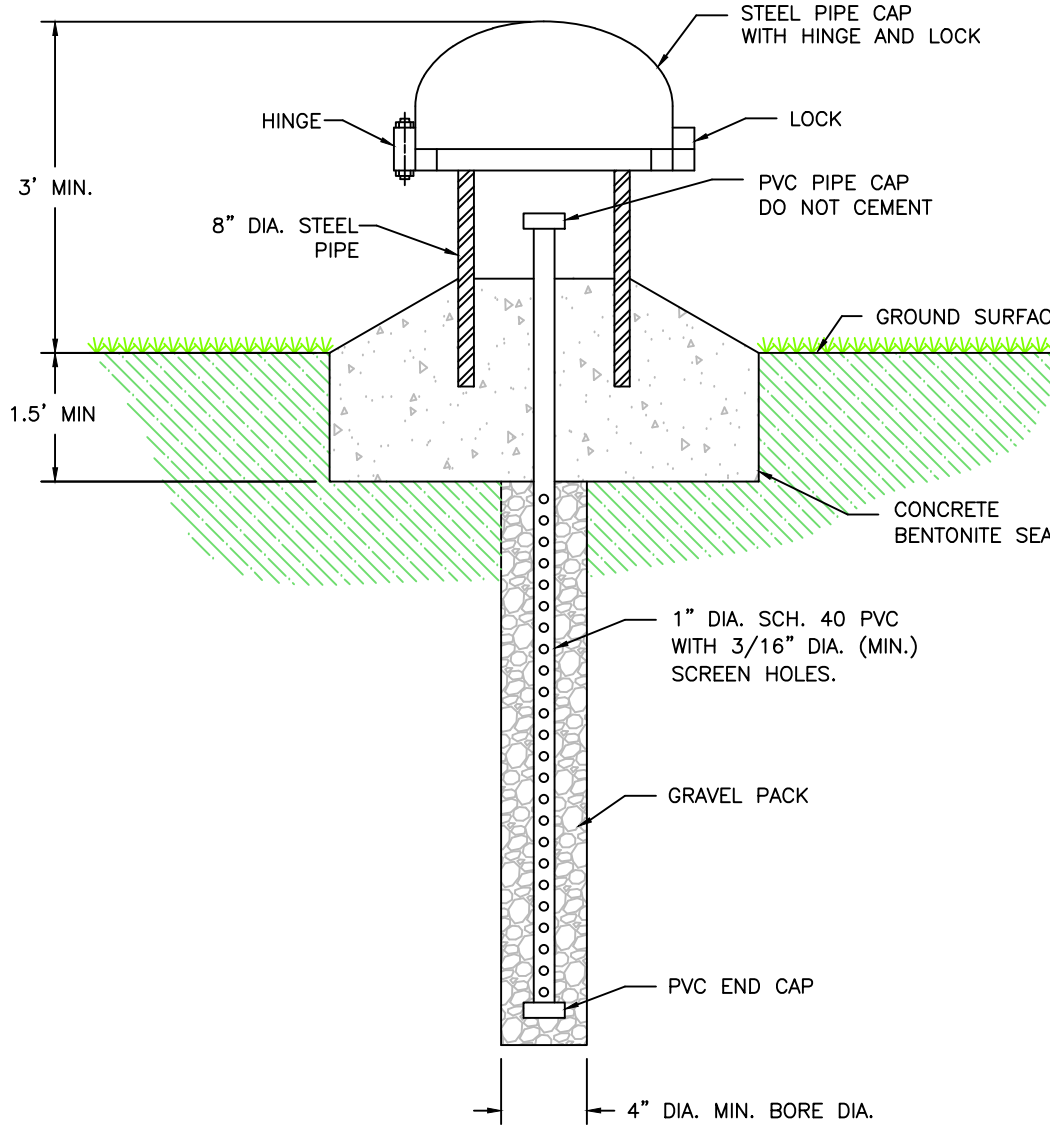
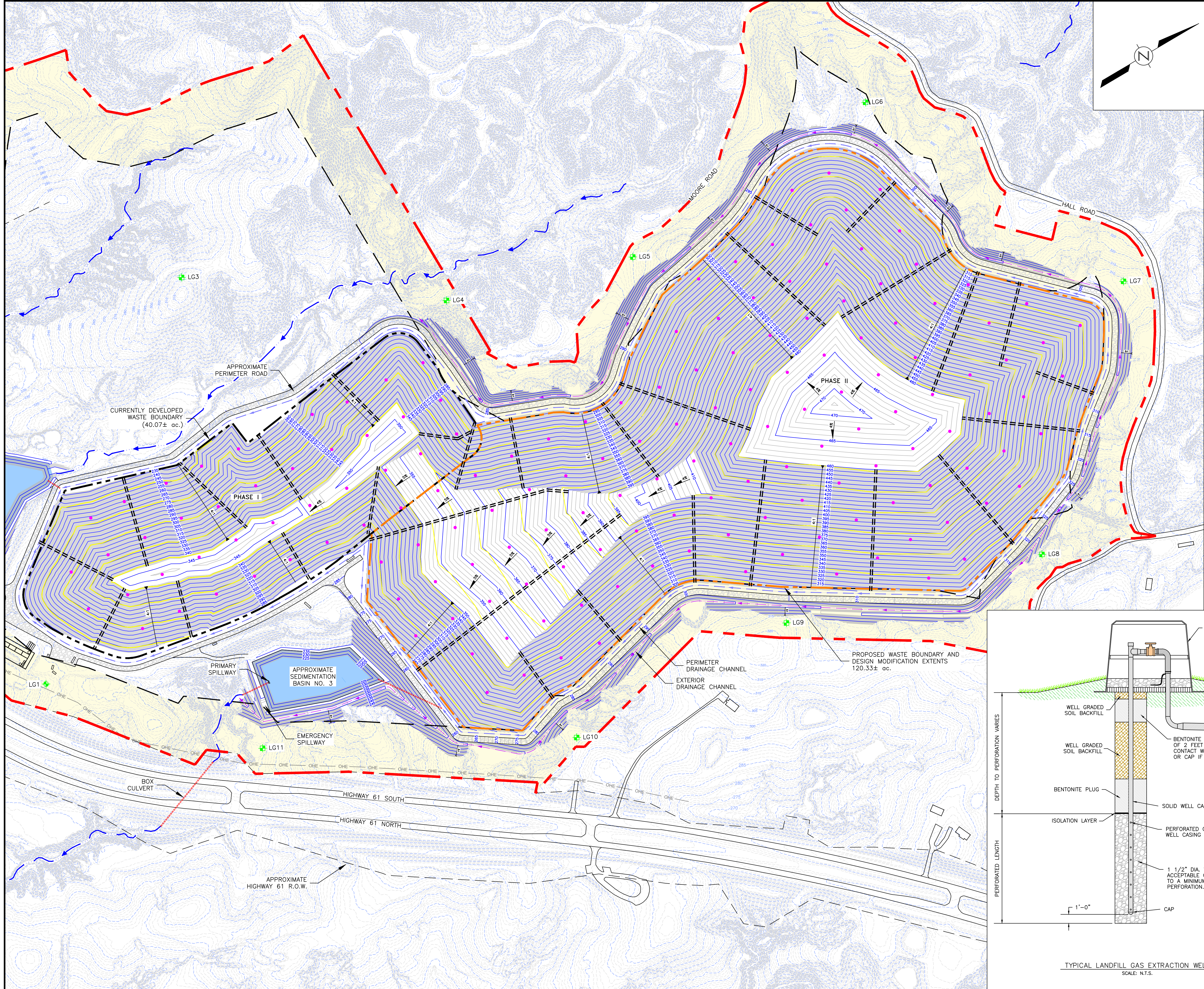
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0	ISSUED FOR REVIEW	JLA	12/16/2024



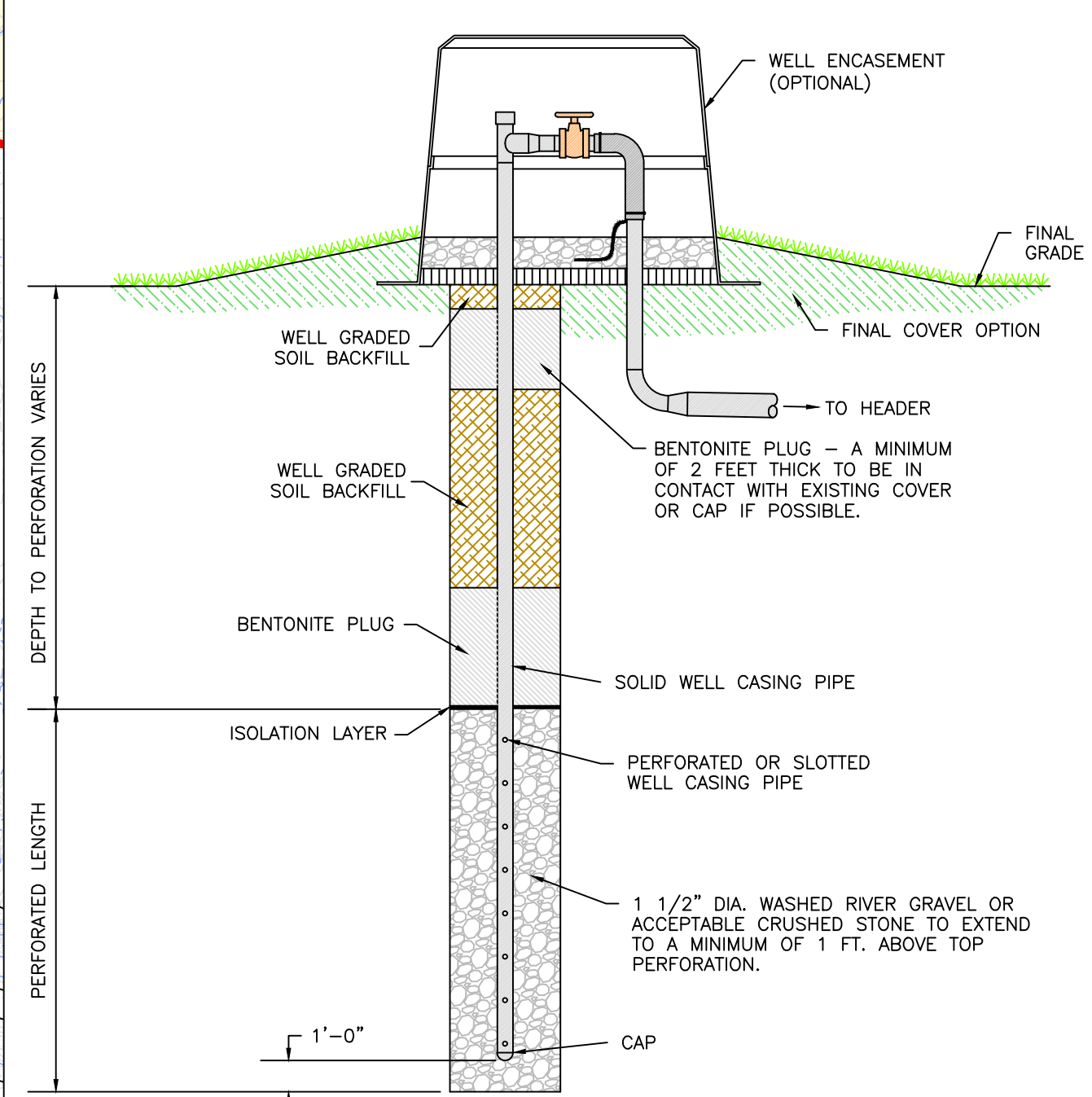
SCALE: N.T.S.
DRAWN: W. COLEY
CHECKED: T. MABRY
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



STORM WATER MANAGEMENT DETAILS		PROJECT No. 24051	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI		CAD FILE NAME 121624 DWG18 R0 SWMD	
		DRAWING 18	REVISION 0



TYPICAL LANDFILL GAS MONITORING WELL DETAIL
SCALE: N.T.S.



TYPICAL LANDFILL GAS EXTRACTION WELL
SCALE: N.T.S.

- LEGEND**
- APPROXIMATE LANDFILL PROPERTY BOUNDARY - 386.01± ac.
 - CURRENTLY DEVELOPED WASTE BOUNDARY - 40.07± ac.
 - PROPOSED WASTE BOUNDARY AND DESIGN MODIFICATION EXTENTS - 120.33± ac.
 - EXISTING MAJOR CONTOUR (5 FOOT INTERVAL)
 - EXISTING MINOR CONTOUR (1 FOOT INTERVAL)
 - PROPOSED MAJOR CONTOUR (5' INTERVAL)
 - PROPOSED MINOR CONTOUR (1' INTERVAL)
 - 250' BUFFER WITH NATURAL VISUAL SCREENING
 - EXISTING DRAINAGE CHANNEL
 - CULVERT
 - GRAVEL
 - APPROXIMATE FUTURE SEDIMENTATION BASIN AREA
 - STORMWATER MANAGEMENT BENCH (1% SLOPE MINIMUM)
 - STORMWATER LETDOWN STRUCTURE
 - FINAL GRADE, PERCENT SLOPE AND DIRECTION
 - FINAL GRADE SLOPE SHOWING RISE OF 4 HORIZONTAL FEET TO 1 VERTICAL FOOT
 - PERIMETER STORM WATER DRAINAGE CHANNEL
 - EXTERIOR STORM WATER DRAINAGE CHANNEL
 - CONCEPTUAL LOCATION OF FUTURE GAS EXTRACTION WELL
 - EXISTING METHANE MONITORING WELL
 - PROPOSED METHANE MONITORING WELL

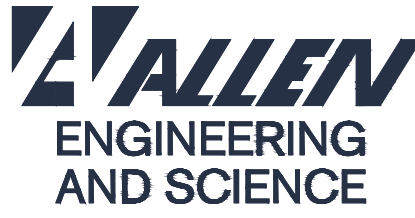
NOTES:
1 EXACT LOCATIONS OF GAS EXTRACTION WELLS WILL BE IDENTIFIED DURING LANDFILL GAS MANAGEMENT SYSTEM DESIGN.

SCALE
0 110' 220' 440'

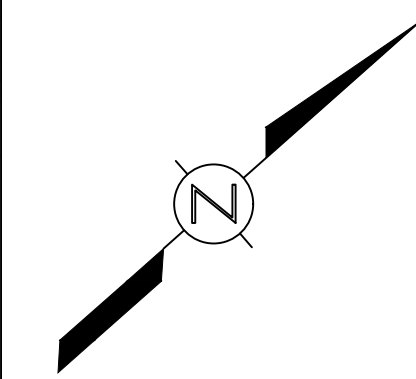
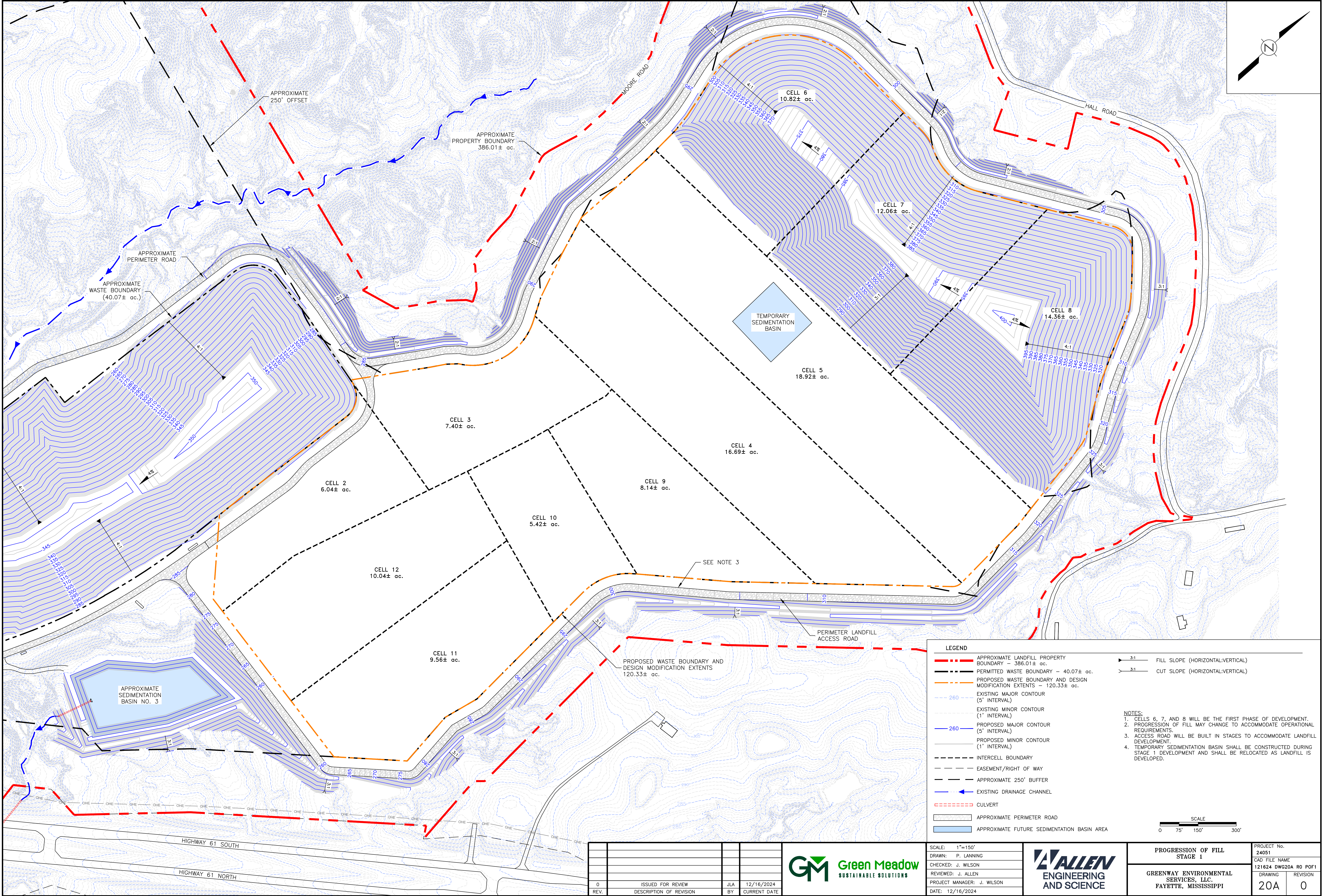
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0	ISSUED FOR REVIEW		JLA	12/16/2024
1	ISSUED FOR REVIEW		JLA	12/16/2024



SCALE: 1"=220'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



LANDFILL GAS MONITORING AND MANAGEMENT SYSTEM PLAN	PROJECT No. 24051
GREENWAY ENVIRONMENTAL SERVICES, LLC.	CAD FILE NAME 121624 DWG19 R0 LGMMSP
FAYETTE, MISSISSIPPI	DRAWING REVISION
	19 0



LEGEND

APPROXIMATE LANDFILL PROPERTY BOUNDARY - 386.01± ac.

PERMITTED WASTE BOUNDARY - 40.07± ac.

PROPOSED WASTE BOUNDARY AND DESIGN MODIFICATION EXTENTS - 120.33± ac.

EXISTING MAJOR CONTOUR (5' INTERVAL)

EXISTING MINOR CONTOUR (1' INTERVAL)

PROPOSED MAJOR CONTOUR (5' INTERVAL)

PROPOSED MINOR CONTOUR (1' INTERVAL)

INTERCELL BOUNDARY

EASEMENT/RIGHT OF WAY

APPROXIMATE 250' BUFFER

EXISTING DRAINAGE CHANNEL

CULVERT

APPROXIMATE PERIMETER ROAD

APPROXIMATE FUTURE SEDIMENTATION BASIN AREA

3:1 FILL SLOPE (HORIZONTAL:VERTICAL)

3:1 CUT SLOPE (HORIZONTAL:VERTICAL)

NOTES:

1. CELLS 6, 7, AND 8 WILL BE THE FIRST PHASE OF DEVELOPMENT.

2. PROGRESSION OF FILL MAY CHANGE TO ACCOMMODATE OPERATIONAL REQUIREMENTS.

3. ACCESS ROAD WILL BE BUILT IN STAGES TO ACCOMMODATE LANDFILL DEVELOPMENT.

4. TEMPORARY SEDIMENTATION BASIN SHALL BE CONSTRUCTED DURING STAGE 1 DEVELOPMENT AND SHALL BE RELOCATED AS LANDFILL IS DEVELOPED.

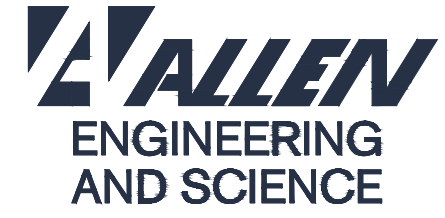
SCALE

0 75' 150' 300'

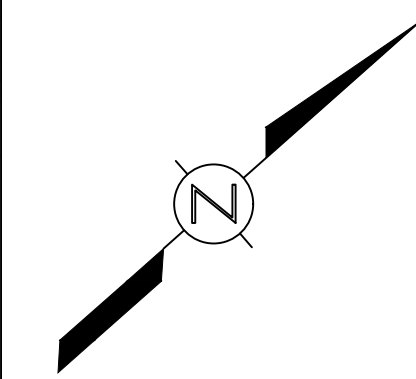
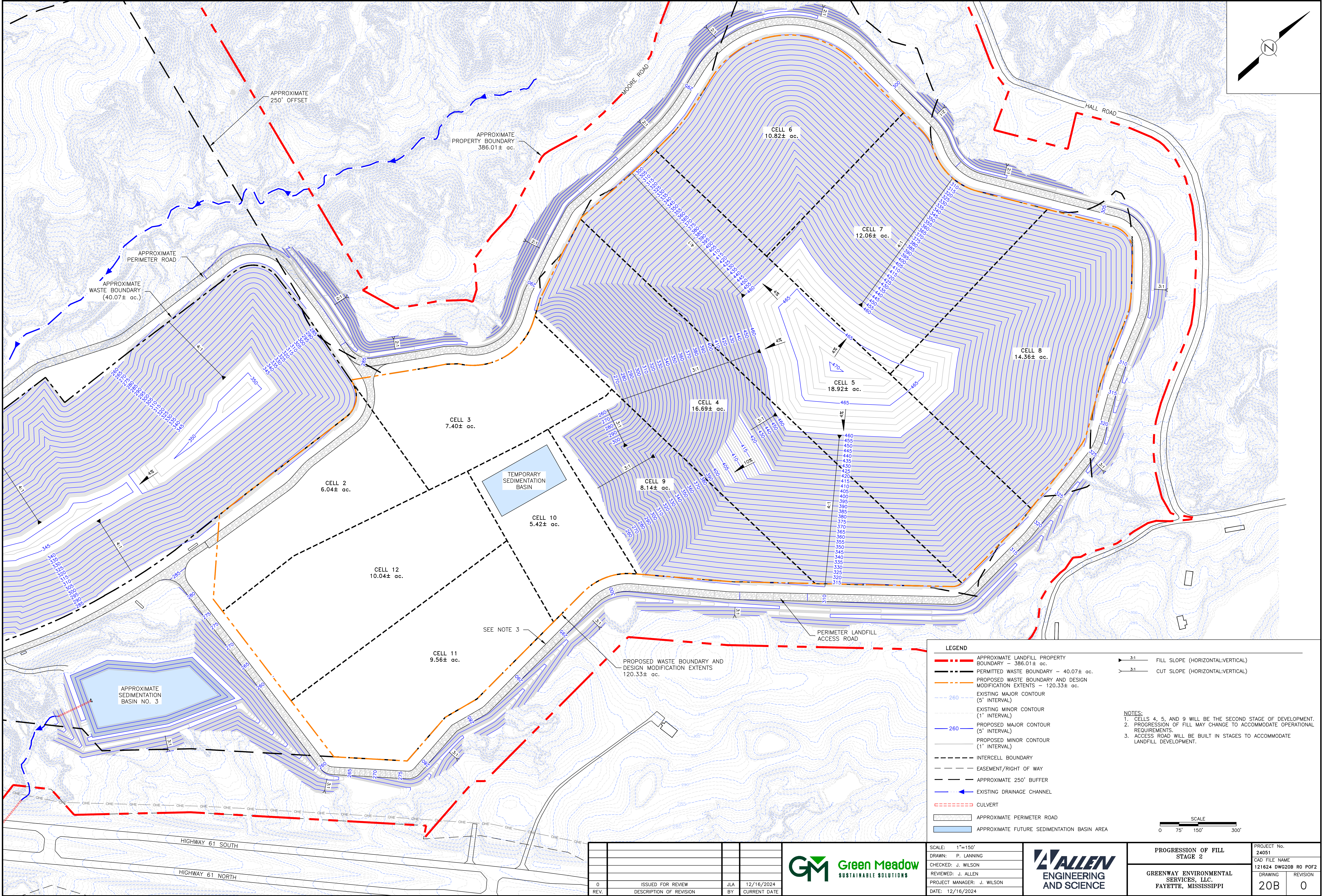
0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE



SCALE: 1"=150'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



PROGRESSION OF FILL STAGE 1		PROJECT No. 24051	
GREENWAY ENVIRONMENTAL SERVICES, LLC.		CAD FILE NAME 121624 DWG20A R0 POF1	
FAYETTE, MISSISSIPPI		DRAWING 20A	REVISION 0



LEGEND

- APPROXIMATE LANDFILL PROPERTY BOUNDARY - 386.01± ac.
- PERMITTED WASTE BOUNDARY - 40.07± ac.
- PROPOSED WASTE BOUNDARY AND DESIGN MODIFICATION EXTENTS - 120.33± ac.
- EXISTING MAJOR CONTOUR (5' INTERVAL)
- EXISTING MINOR CONTOUR (1' INTERVAL)
- PROPOSED MAJOR CONTOUR (5' INTERVAL)
- PROPOSED MINOR CONTOUR (1' INTERVAL)
- INTERCELL BOUNDARY
- EASEMENT/RIGHT OF WAY
- APPROXIMATE 250' BUFFER
- EXISTING DRAINAGE CHANNEL
- CULVERT
- APPROXIMATE PERIMETER ROAD
- APPROXIMATE FUTURE SEDIMENTATION BASIN AREA

3:1 FILL SLOPE (HORIZONTAL:VERTICAL)
3:1 CUT SLOPE (HORIZONTAL:VERTICAL)

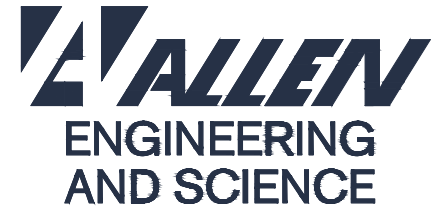
NOTES:
1. CELLS 4, 5, AND 9 WILL BE THE SECOND STAGE OF DEVELOPMENT.
2. PROGRESSION OF FILL MAY CHANGE TO ACCOMMODATE OPERATIONAL REQUIREMENTS.
3. ACCESS ROAD WILL BE BUILT IN STAGES TO ACCOMMODATE LANDFILL DEVELOPMENT.

SCALE
0 75' 150' 300'

0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE

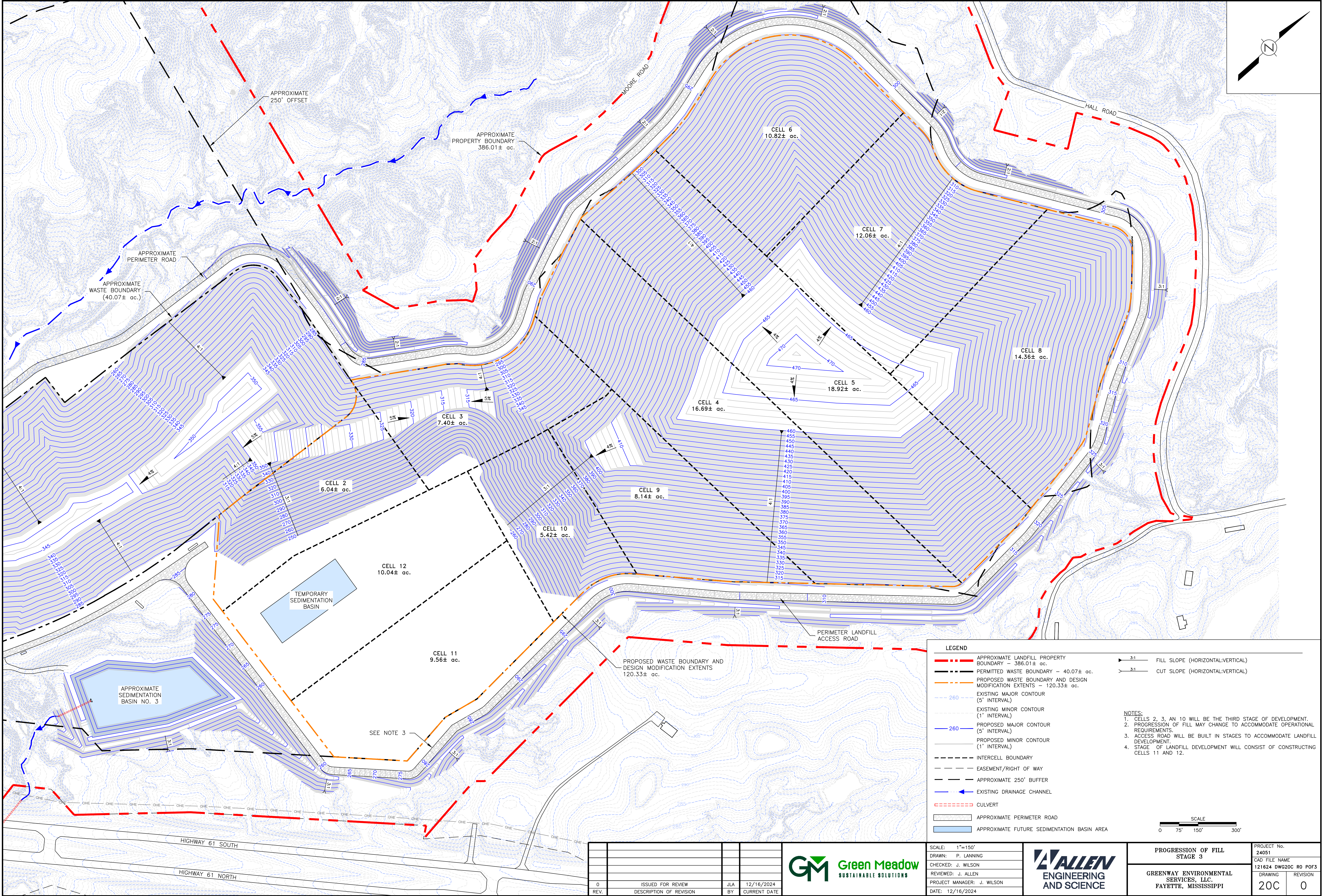


SCALE: 1"=150'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



PROGRESSION OF FILL STAGE 2	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI	

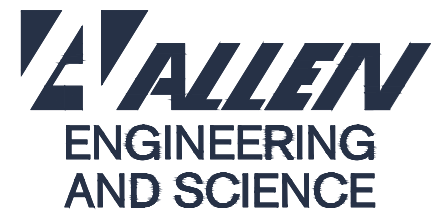
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CAD FILE NAME 121624 DWG20B R0 POF2	
DRAWING 20B	REVISION 0



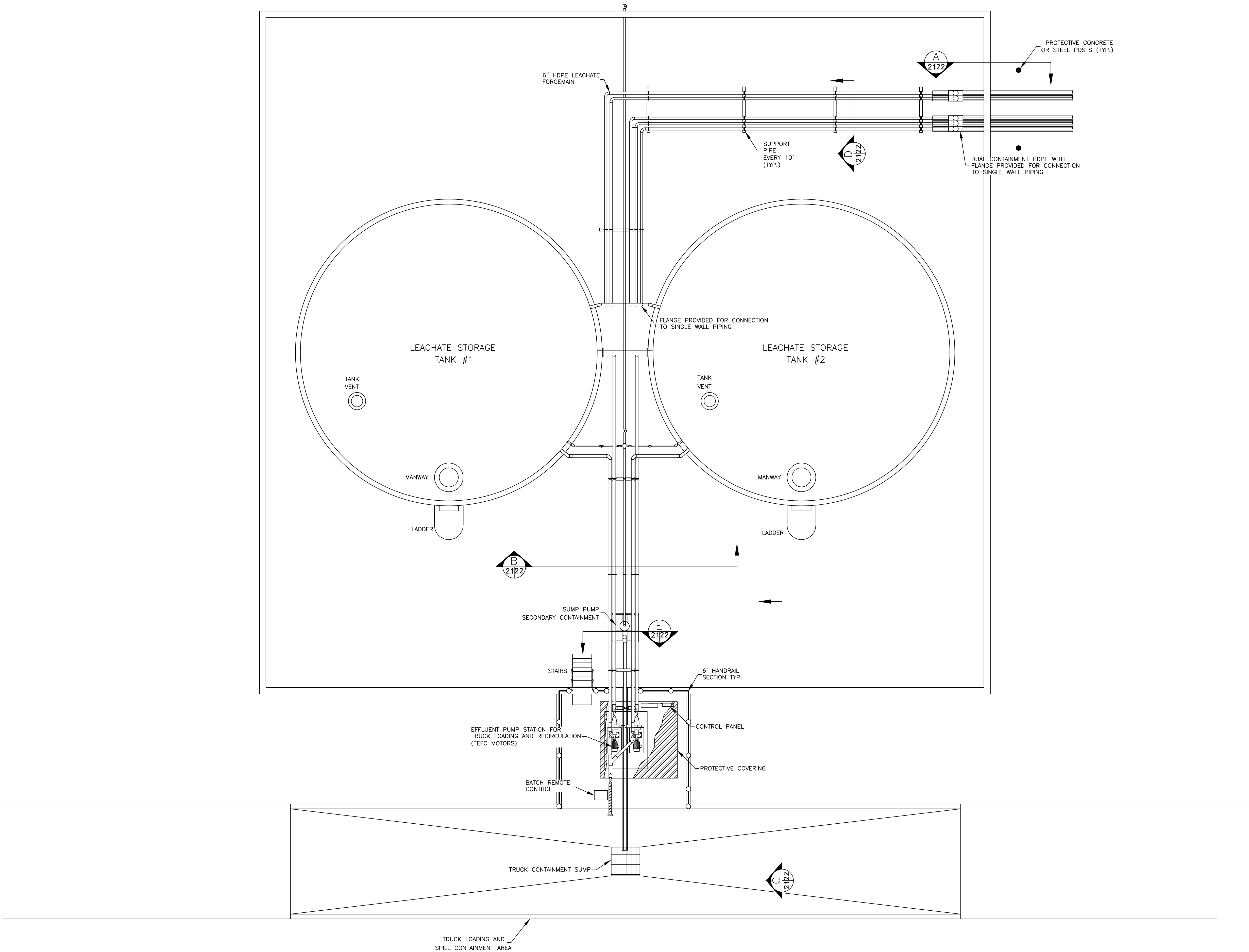
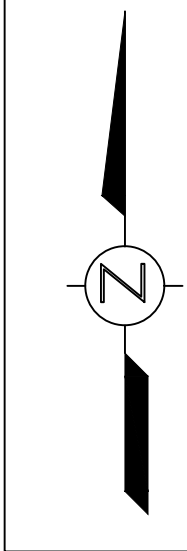
0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE



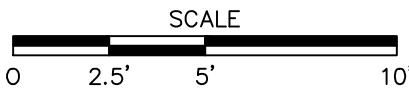
SCALE: 1"=150'
DRAWN: P. LANNING
CHECKED: J. WILSON
REVIEWED: J. ALLEN
PROJECT MANAGER: J. WILSON
DATE: 12/16/2024



PROGRESSION OF FILL STAGE 3		PROJECT No. 24051	
GREENWAY ENVIRONMENTAL SERVICES, LLC.		CAD FILE NAME 121624 DWG20C R0 POF3	
FAYETTE, MISSISSIPPI		DRAWING 20C	REVISION 0



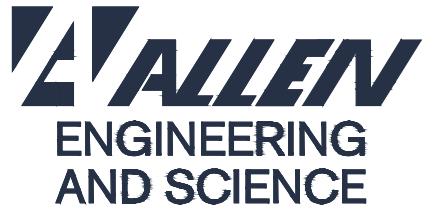
- NOTES:
1. ALL ABOVE GROUND PIPING SHALL BE HDPE OR APPROVED EQUIVALENT.
 2. ALL VALVES ARE BALL VALVES UNLESS SPECIFIED.
 3. PIPE FOR TRUCK LOADING SUMP CONTAINMENT SUMP IS 3' X 6' SDR-17 HDPE.
 4. ALL RECIRCULATION AND ABOVE GROUND INFLUENT PIPING SHALL BE HEATED TRACED WITH HEATING CABLE AND WRAPPED WITH 1-1/2" OF FIBERGLASS SSL-II PIPE INSULATION, WEATHERPROOFED WITH ALUMINUM ROLL JACKETING.
 5. LEACHATE STORAGE TANKS SHALL BE SIZED TO MANAGE FUTURE LEACHATE GENERATION RATES.
 6. TRUCK LOADING AND SPILL CONTAINMENT COULD BE LOCATED ON OPPOSITE SIDE OF SECONDARY CONTAINMENT.
 7. IF ALTERNATIVE LEACHATE STORAGE FACILITY DESIGN IS CHOSEN, THEN AS BUILT DRAWINGS WILL BE PROVIDED.



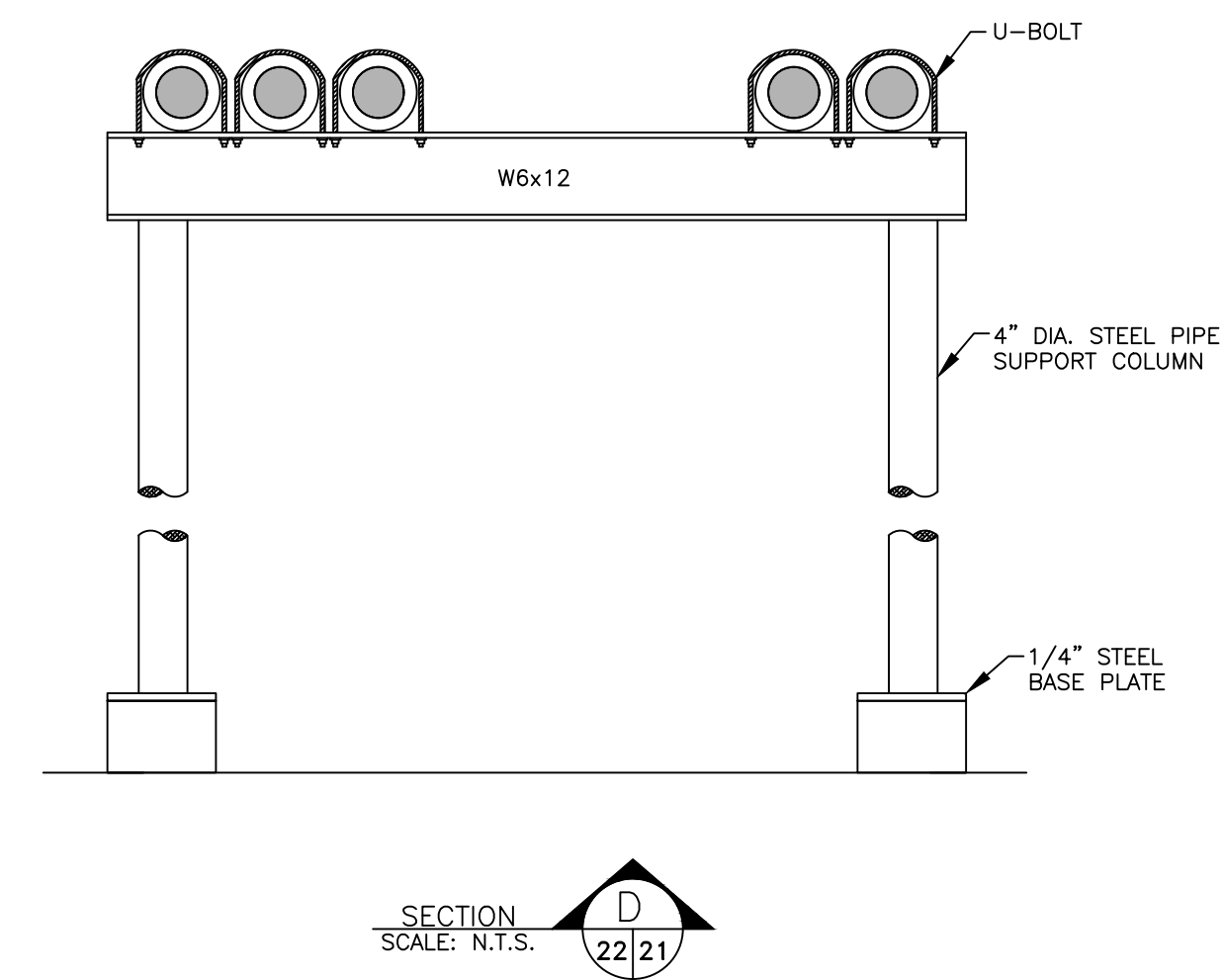
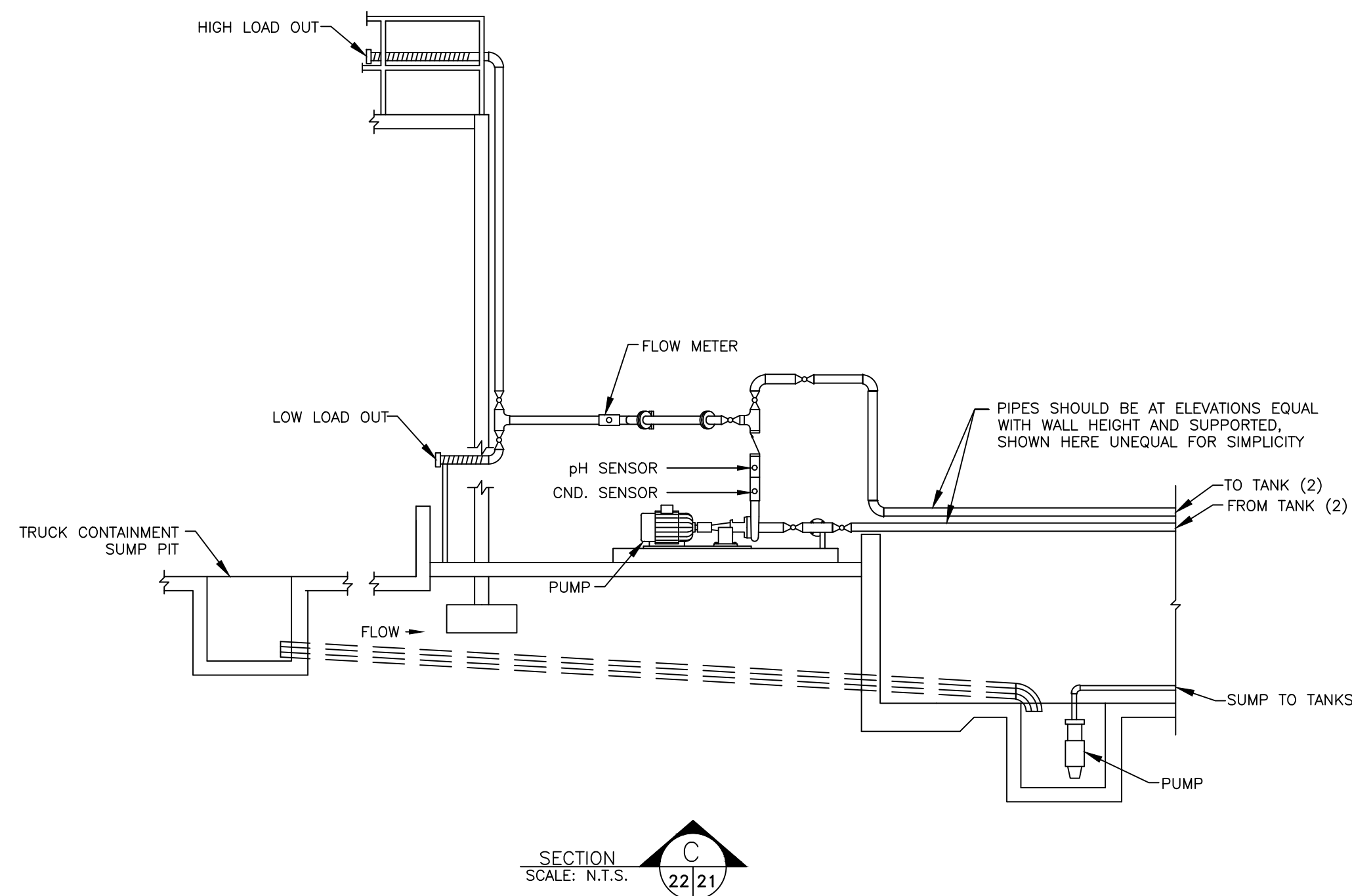
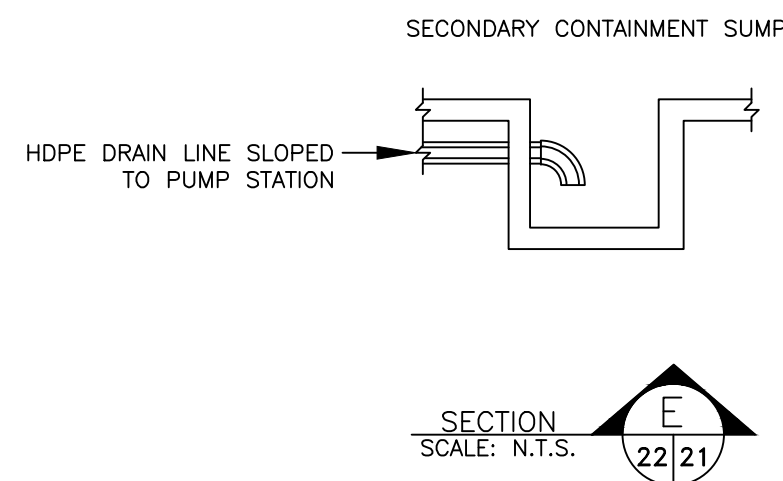
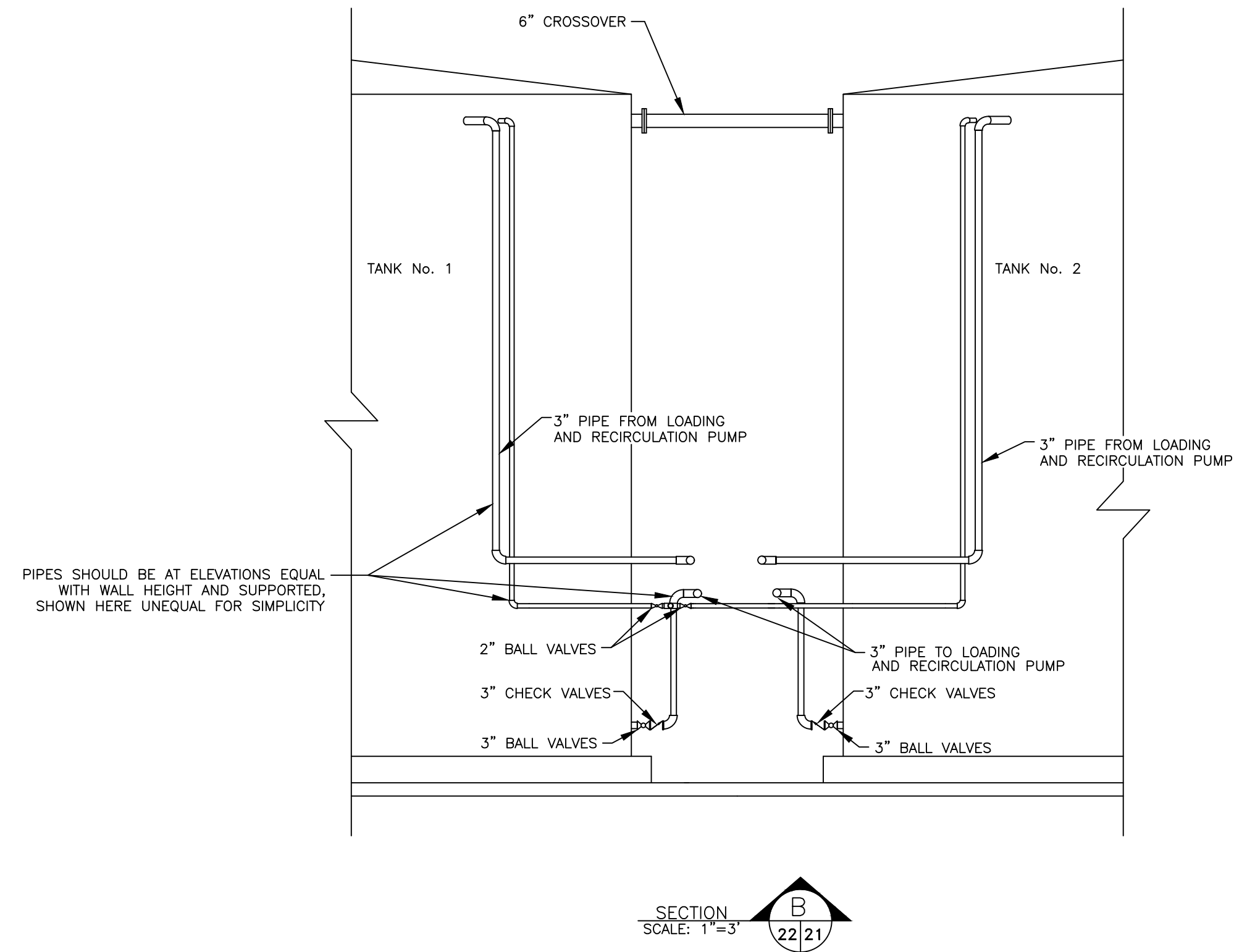
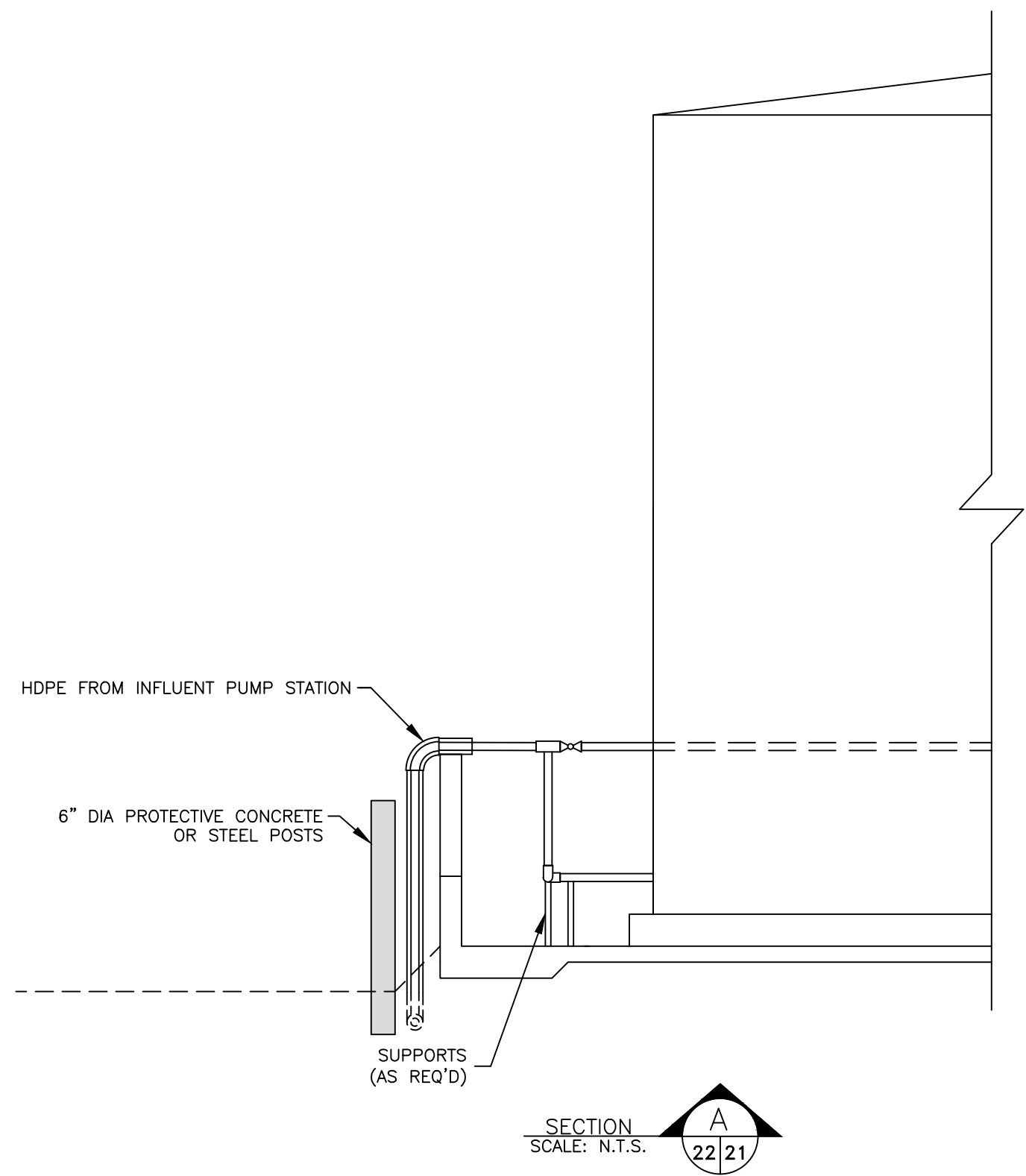
0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE



SCALE:	1" = 5'
DRAWN:	P. LANNING
CHECKED:	T. MABRY
REVIEWED:	J. ALLEN
PROJECT MANAGER:	J. WILSON
DATE:	12/16/2024



LEACHATE STORAGE FACILITY PLAN		PROJECT No. 24051	
		CAD FILE NAME 121624 DWG21 R0 D LSF	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI		DRAWING	REVISION
		21	0



- NOTES:**
1. ALL PIPING SHALL BE HDPE OR APPROVED EQUIVALENT.
 2. ALL RECIRCULATION AND ABOVE GROUND INFLUENT PIPING SHALL BE HEAT TRACED WITH SELF-LIMITING HEATING CABLE AND WRAPPED WITH 1-1/2" OF FIBERGLASS SSL-II PIPE INSULATION, WEATHERPROOFED WITH ALUMINUM ROLL JACKETING.
 3. ALL PIPING SUPPORTED WITH ADJUSTABLE PIPE SUPPORTS WITH INSULATION SHIELDS.

0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE



SCALE:	AS SHOWN
DRAWN:	P. LANNING
CHECKED:	T. MABRY
REVIEWED:	J. ALLEN
PROJECT MANAGER:	J. WILSON
DATE:	12/16/2024



LEACHATE STORAGE FACILITY DETAILS		PROJECT No. 24051	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI		CAD FILE NAME 121624 DWG22 RO D LSPD	
DRAWING	REVISION	22	0

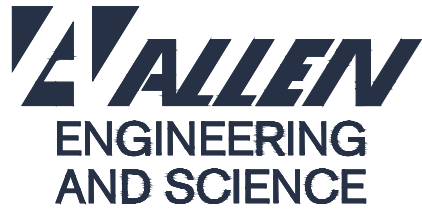


Parcel	Parcel Number	State	County	Owner
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2	0014-46-007	MS	Jefferson	Lane Clarisa
3	0014-46-009	MS	Jefferson	Howard Family Properties II LLC
4	0014-29-005	MS	Jefferson	Howard Family Properties II LLC
5	0014-29-004	MS	Jefferson	Green James W ETAL
6	0014-29-003	MS	Jefferson	Jefferson Landfill LLC ETAL
7	0013-29-004	MS	Jefferson	Howard Family Properties II LLC
8	0013-29-005	MS	Jefferson	WIL-KAT LLC
9	0014-30-004	MS	Jefferson	Green Brenda A
10	0014-30-003.02	MS	Jefferson	Henderson Corrie
11	0014-30-003	MS	Jefferson	Green Dorris S EST
12	0014-30-006	MS	Jefferson	Simon Willie & Corie S Buford ET AL
13	0014-30-008	MS	Jefferson	Buford Louise ET AL
14	0014-30-010	MS	Jefferson	Hill Polly B
15	0014-30-011	MS	Jefferson	Church St. Mariah Baptist
16	0014-44-002.01	MS	Jefferson	Tracing Memories Family LP
17	0014-69-002	MS	Jefferson	Worldwide Financial Company
18	0014-46-001	MS	Jefferson	Mississippi Land Company, Inc.
19	0014-46-004	MS	Jefferson	Fatland Hills Farms Inc.
20	0014-46-003	MS	Jefferson	Thompson Kenya Y & Perry Gaines

0	ISSUED FOR REVIEW	JLA	12/16/2024
REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE



SCALE:	1"=220'
DRAWN:	P. LANNING
CHECKED:	J. WILSON
REVIEWED:	J. WILSON
PROJECT MANAGER:	J. ALLEN
DATE:	12/16/2024



ADJACENT PROPERTY OWNER'S MAP	
GREENWAY ENVIRONMENTAL SERVICES, LLC. FAYETTE, MISSISSIPPI	

PROJECT No.	24051
CAD FILE NAME	121624 DWG23 RO APOM
DRAWING	REVISION
23	0

LEGEND

- APPROXIMATE LANDFILL PROPERTY BOUNDARY - 386.01± ac.
- APPROXIMATE PARCEL BOUNDARIES

NOTES:

1. PARCEL DATA OBTAINED FROM TRI-STATE CONSULTING SERVICES ON 11/07/2024.

SCALE
0 110' 220' 440'