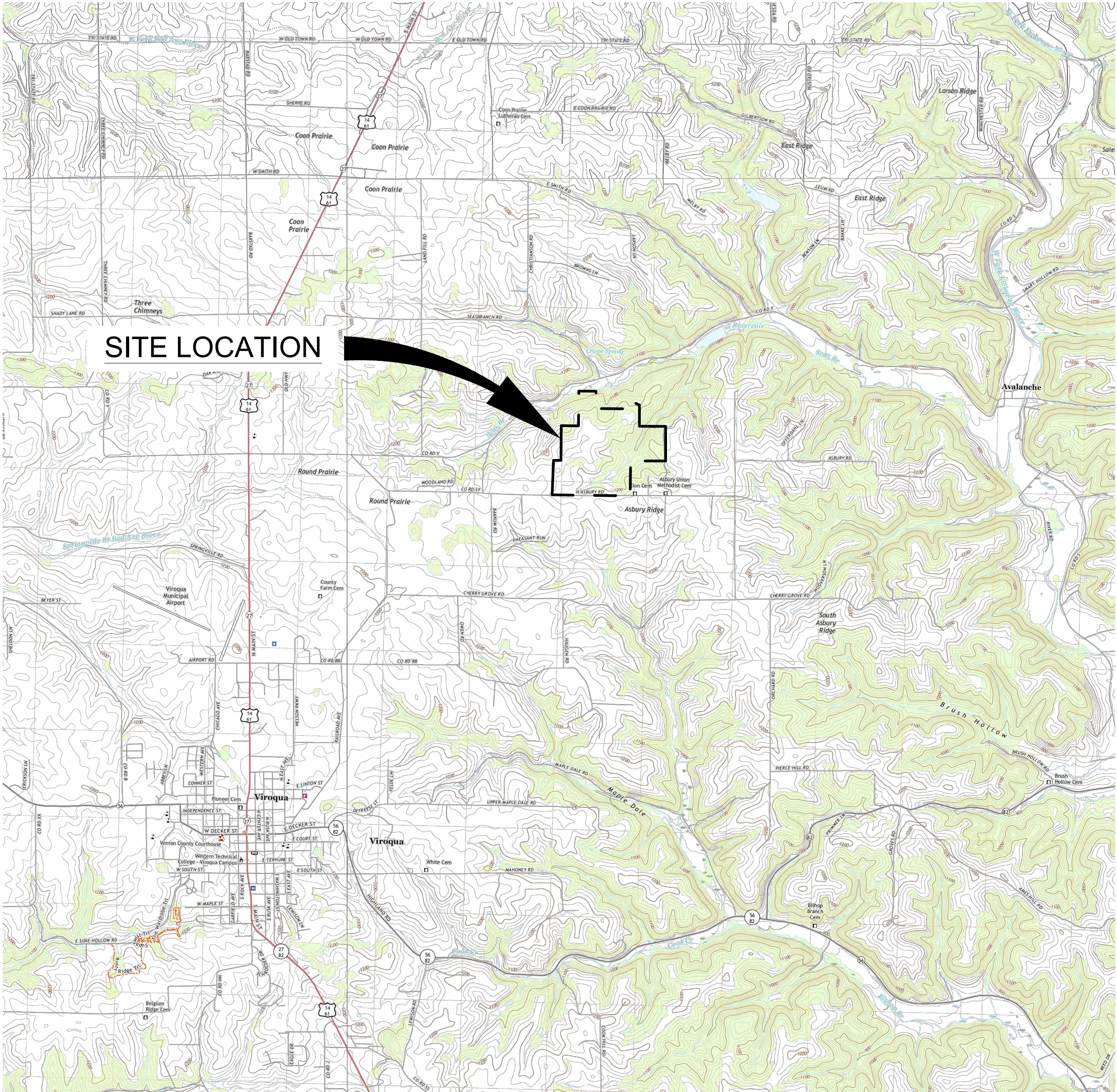
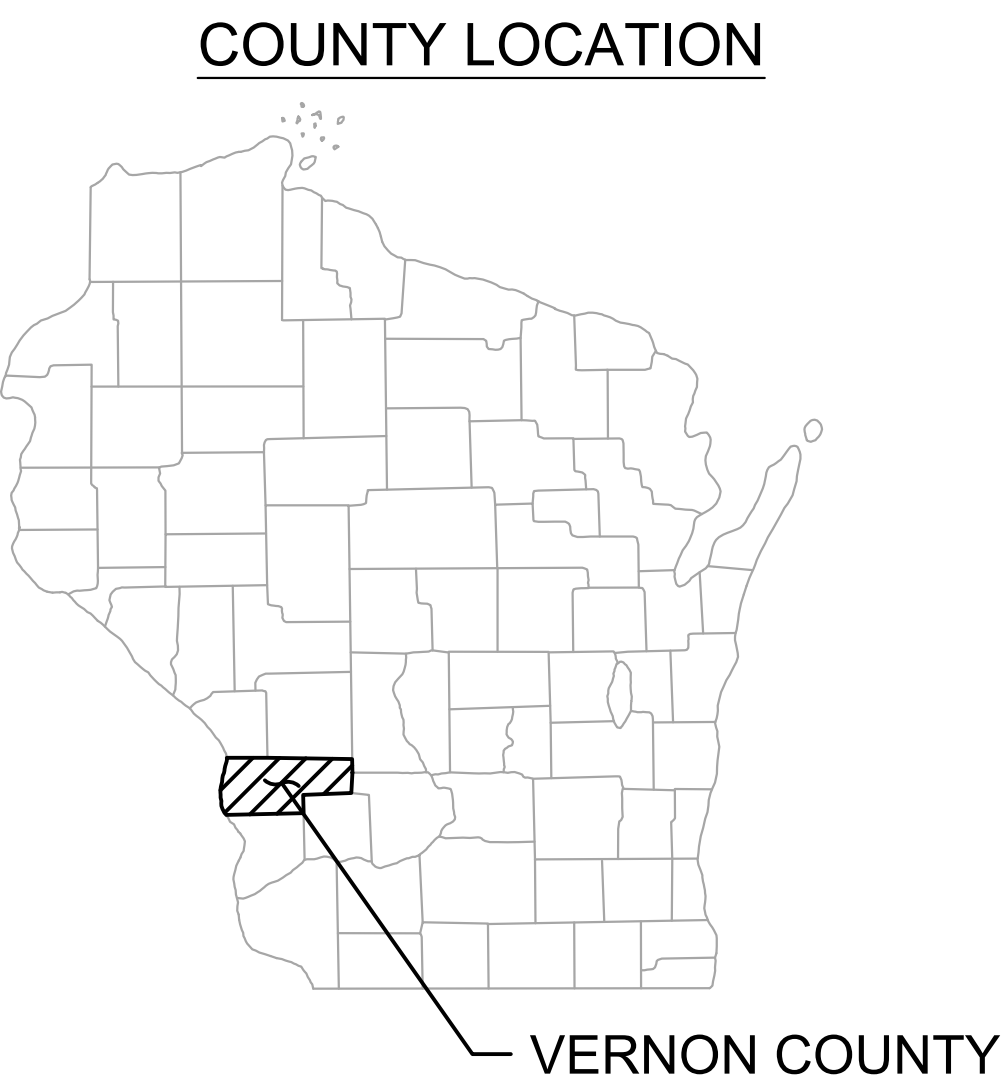


List of Drawings

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Drawing 2 – Abbreviations, Legend, and General Notes
Drawing 3 – Site Map and Existing Conditions
Drawing 4 – High Perched Water Table Map (May 2023)
Drawing 5 – Low Perched Water Table Map (Jan 2023)
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VERNON COUNTY LANDFILL
FEASIBILITY REPORT FOR THE PROPOSED
EASTERN HORIZONTAL AND VERTICAL EXPANSION
VIROQUA, WISCONSIN



REPRODUCED FROM USGS QUADRANGLES
VIROQUA / AVALANCHE / WESTBY / ESOFEA
WISCONSIN - VERNON COUNTY
7.5-MINUTE SERIES

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Sheet Number	Sheet Title
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2	ABBREVIATIONS, LEGEND & GENERAL NOTES
3	SITE MAP AND EXISTING CONDITIONS
4	HIGH PERCHED WATER TABLE MAP (MAY 2023)
5	LOW PERCHED WATER TABLE MAP (JAN 2023)
6	HIGH REGIONAL WATER TABLE MAP (MAY 2023)
7	LOW REGIONAL WATER TABLE MAP (JAN 2023)
8	UPPER POTENTIOMETRIC MAP (MAY 2023)
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21	GEOLOGIC CROSS SECTION J-J' AND FLOW NET
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23	PHASE VII THROUGH IX CLAY SUBBASE GRADES
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34	DETAILS - 4
35	DETAILS - 5
36	DETAILS - 6

ADDED SHEET

25

EXISTING AND PHASE VII THROUGH IX LEACHATE COLLECTION SYSTEM

PREPARED FOR:



VERNON COUNTY SOLID WASTE DEPARTMENT
PHONE: 608.634.2900
S3705 COUNTY HIGHWAY LF
VIROQUA, WISCONSIN 54665

PREPARED BY:



SHORT ELLIOT HENDRICKSON INC.
329 JAY STREET
SUITE 301
LA CROSSE, WISCONSIN 54601-4034
PHONE: 1.608.782.3161
www.sehinc.com

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.

TREVOR T. ROMANKO

Signature

Date: 10/29/2025

Lic. No. E-100923

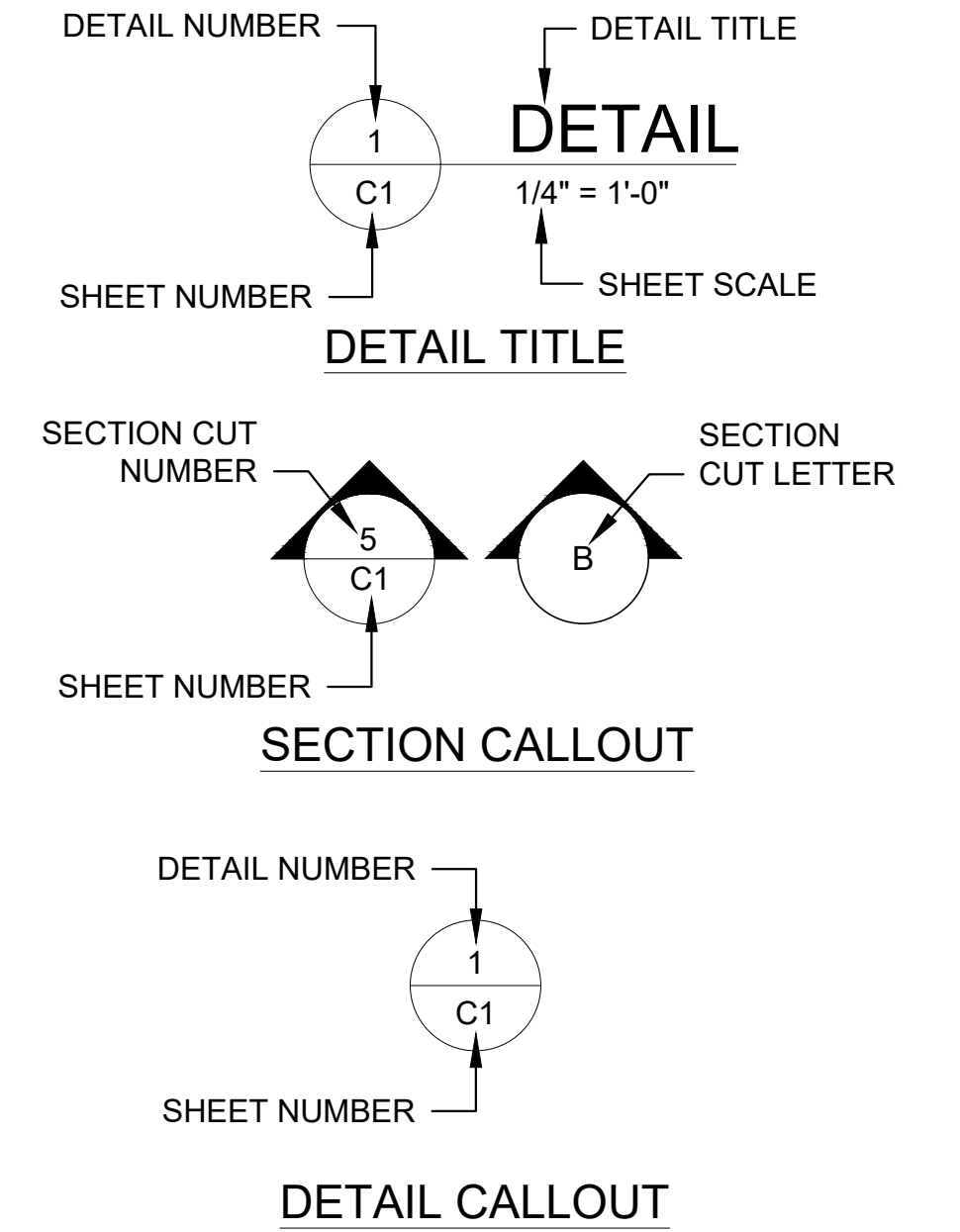
PROJECT NO.
VERSW 167824

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of 36

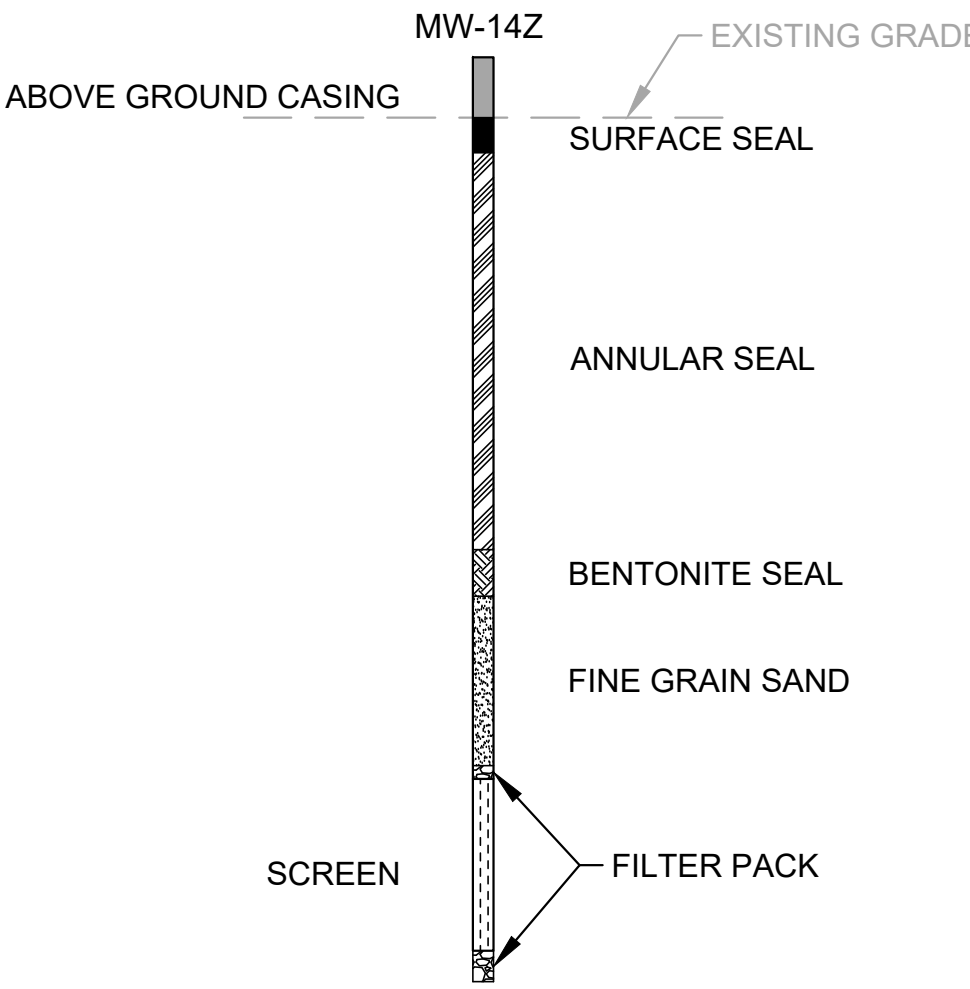
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LEGEND			
EXISTING		PROPOSED	
	MAJOR GROUND CONTOUR		MAJOR GROUND CONTOUR
	MINOR GROUND CONTOUR		MINOR GROUND CONTOUR
	UNDERGROUND ELECTRIC LINE		ACCESS ROAD
	OVERHEAD ELECTRIC LINE		TOP OF LEACHATE COLLECTION TRENCH
	UNDERGROUND TELEPHONE		LEACHATE COLLECTION PIPE WITH LEACHATE CLEANOUT RISER
	FIBER OPTIC		LIMITS OF FINAL CLOSURE
	UNDERGROUND CHARTER CABLE		WASTE LIMITS
	WATER SUPPLY PIPE		DITCH BOTTOM
	WATER PIPE ABANDONED IN PLACE		DOWNSLOPE CHANNEL
	SANITARY SEWER PIPE		SURFACE WATER DIVERSION BERM (FLOW LINE)
	STORM WATER PIPE		CHAIN LINK FENCE
	LEACHATE PIPE		SILT FENCE
	LEACHATE FORCEMAIN		CULVERT WITH FES
	GAS PIPE		RIPRAP
	LANDFILL GAS PIPE (PERMANENT)		TRACKING PAD
	LANDFILL GAS STOC PIPE (TEMPORARY)		BIOROLL
	CONDENSATE PIPE		SURFACE WATER FLOW DIRECTION
	DRAIN TILE PIPE		LEACHATE HEAD WELL
	FENCE		LANDFILL GAS COLLECTION WELL
	CHAIN LINK FENCE		LANDFILL GAS VALVE
	CLOSED DEMOLITION SITE LIMITS		LANDFILL GAS CLEANOUT
	APPROVED WASTE LIMITS		LEACHATE MANHOLE
	PHASED LANDFILL LIMITS		
	PERMANENT EASEMENT		
	PROPERTY LINE		
	PAVED ROAD		
	UNPAVED ROAD		
	TRAIL		
	RIPRAP		
	STORM CULVERT PIPE		
	TREELINE		
	TREE		
	BUILDING		
	PUMP BUILDING		
	ELECTRICAL TRANSFORMER		
	UTILITY POLE		
	SANITARY SEWER MANHOLE		
	STORM SEWER MANHOLE		
	CLEANOUT PIPE		
	MANHOLE		
	LEACHATE HEAD WELL		
	LANDFILL GAS VENT		
	LANDFILL GAS WELL		
	LANDFILL GAS VALVE		
	LANDFILL GAS CLEANOUT		
	GAS PROBE		
	GROUNDWATER MONITORING WELL		

CROSS REFERENCE SYSTEM



WELL CONSTRUCTION LEGEND



GENERAL NOTES:

- SITE LOCATION: A PORTION OF THE SW AND SE 1/4, OF SECTION 15, T13N, R4W, CITY OF VIROQUA, VERNON COUNTY, WISCONSIN.
- HORIZONTAL GRID SYSTEM BASED ON THE LOCAL COORDINATE SYSTEM.
- ELEVATIONS BASED ON NAVD 88 DATUM.
- TOPOGRAPHIC BASE MAP UPDATED WITH LATEST SITE SURVEYS BY THE COUNTY IN JUNE 2023.
- EXISTING TOPOGRAPHY SHOWN MAY NOT REPRESENT ACTUAL/CURRENT SITE CONDITIONS DUE TO RECENT AND CURRENT CONSTRUCTION AND WASTE PLACEMENT ACTIVITIES.
- CONTOUR INTERVAL IS 2-FOOT. UNLESS NOTED OTHERWISE.
- TRANSFORMATION IN 2D (ROTATION, SCALE, TRANSLATION):

LOCAL TO VERNON COUNTY COORDINATE SYSTEM
ROTATION (θ) = 0°41'19.1"
SCALE = 1.0000027029
TRANSLATION (NORTHING, EASTING) = (163394.864 FT, 713791.666 FT)

LOCAL TO WISCONSIN STATE PLANE - SOUTH COORDINATE SYSTEM
ROTATION (θ) = 1°13'37.1"
SCALE = 0.9999002624
TRANSLATION (NORTHING, EASTING) = (582619.979 FT, 1744797.817 FT)

NOTE: FINAL POINT = ROTATION * (SCALE * (INITIAL POINT - ORIGIN)) + ORIGIN + TRANSLATION. ROTATIONS ARE CLOCKWISE POSITIVE AND ARE APPLIED IN THE ORDER YXZ.

8. SITE CONTROL POINTS:

POINT	COORDINATE SYSTEM					
	LOCAL		VERNON COUNTY		STATE PLANE - SOUTH	
	NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
SCP-12	1300	1000.02	164694.87	714791.7	583919.949	1745797.832
SCP-14	139.08	1080.96	163533.05	714858.7	582757.622	1745853.957
P-16	1748.93	2632.61	165124.13	716429.6	584333.794	1747439.504

LIST OF ABBREVIATIONS

APPROX=	APPROXIMATE	MAX	=	MAXIMUM	
CB	=	CATCH BASIN	MIN	=	MINIMUM
CF	=	CUBIC FOOT	NO	=	NUMBER
CL	=	CENTERLINE	OD	=	OUTSIDE DIAMETER
CY	=	CUBIC YARD	OC	=	ON CENTER
DIA	=	DIAMETER	PH	=	PHASE
EL	=	ELEVATION	PT	=	POINT
EW	=	EACH WAY	RAD	=	RADIUS
EXIST	=	EXISTING	SCH	=	SCHEDULE
FES	=	FLARED END SECTION	SDR	=	STRUCTURAL DESIGN RATING
FL	=	FLOW LINE	SSR	=	SIDE SLOPE RISER
FML	=	FLEXIBLE MEMBRANE LINER	SST	=	STAINLESS STEEL
FT	=	FOOT/FEET	STOC	=	SHORT TERM ODOR CONTROL
GCL	=	GEOSYNTHETIC CLAY LINER	TYP	=	TYPICAL
HDPE	=	HIGH DENSITY POLYETHYLENE	UNO	=	UNLESS NOTED OTHERWISE
ID	=	INSIDE DIAMETER			
INV	=	INVERT			
LCHT	=	LEACHATE			
LLDPE	=	LINEAR LOW DENSITY POLYETHYLENE			
LFG	=	LANDFILL GAS			

UNIFIED SOIL CLASSIFICATION SYSTEM (USCS)

GW	=	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL	ML	=	SILT
GP	=	POORLY GRADED GRAVEL	CL	=	LEAN CLAY
GM	=	SILTY GRAVEL	OL	=	ORGANIC SILT, ORGANIC CLAY
GC	=	CLAYEY GRAVEL	MH	=	ELASTIC SILT
SW	=	WELL-GRADED SAND, FINE TO COARSE SAND	CH	=	FAT CLAY
SP	=	POORLY GRADED SAND	OH	=	ORGANIC CLAY, ORGANIC SILT
SM	=	SILTY SAND	PT	=	PEAT
SC	=	CLAYEY SAND			



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LA CROSSE, WI 54601-4034
PHONE: 1.608.782.3161

PLANS PREPARED FOR:
VERNON COUNTY SOLID WASTE DEPT
53705 CTH LF
VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
ABBREVIATIONS, LEGEND & GENERAL NOTES

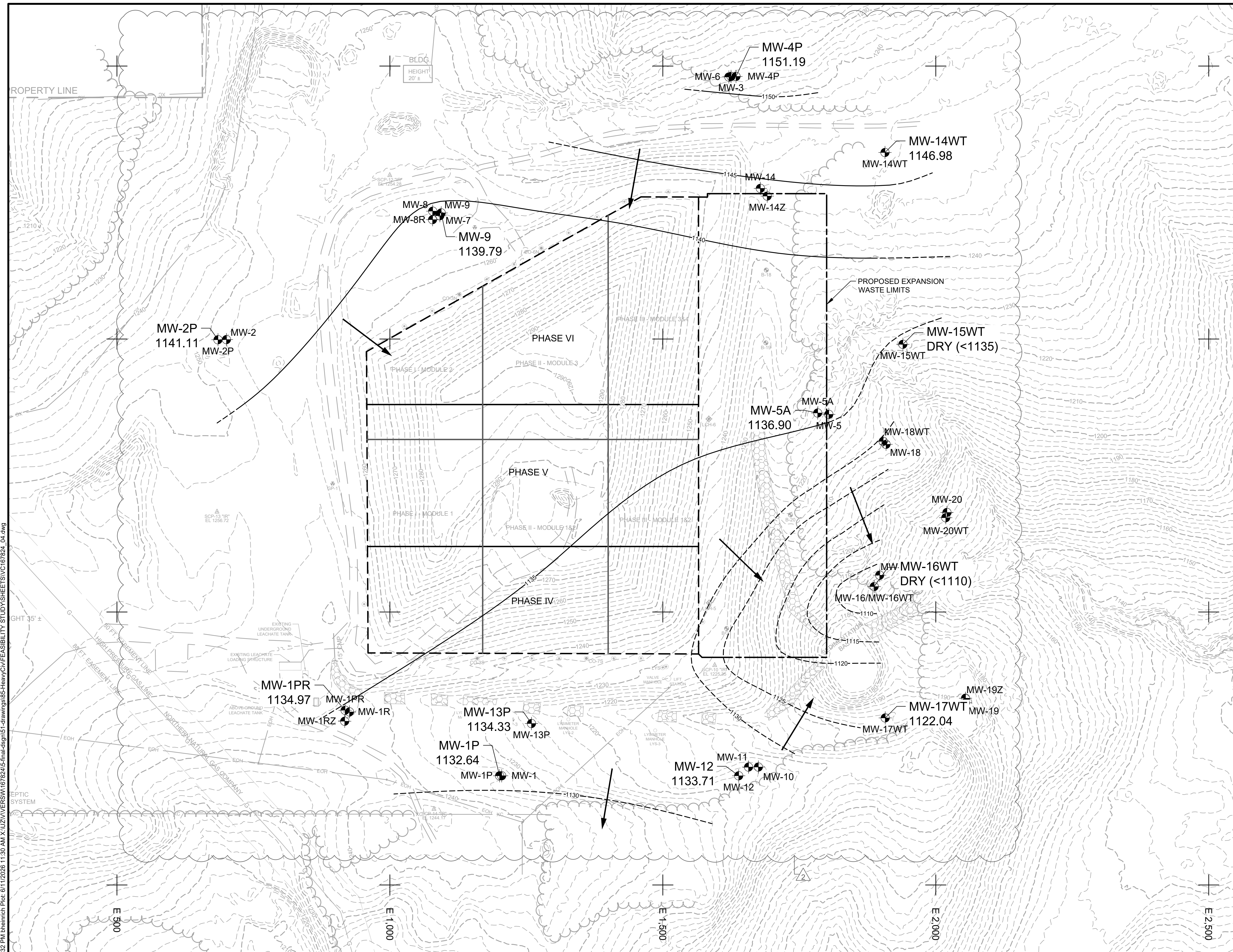
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NOTES:

1. CONTOUR INTERVAL IS 10-FOOT MAJOR AND 2-FOOT MINOR.
2. EXISTING GRADE CONTOURS PRODUCED BY MOST RECENT SURVEY BY THE COUNTY ON JUNE 6, 2023 OVERLAY WITH 2020 LIDAR DATA.

SEH Project		VERSW 167824		Rev.#		Revision Issue Description		Date		Rev.#		Revision Issue Description		Date				PLANS PREPARED BY:		PLANS PREPARED FOR:		VERNON COUNTY LANDFILL FEASIBILITY STUDY		SITE MAP AND EXISTING CONDITIONS 3 of 36	
Drawn By		NRP/BRH				ADDENDUM NO. 2		10/29/2025										329 JAY STREET		VERNON COUNTY SOLID WASTE DEPT					
Designed By		TTR				ADDENDUM NO. 1		11/19/2024										SUITE 301		53705 CTH LF					
Checked By		NRP		1		ISSUED FOR REGULATORY REVIEW		09/11/2023										LA CROSSE, WI 54601-4034		VIROQUA, WISCONSIN					
Save: 10/28/2025																		PHONE: 1.608.782.3161							



- NOTES:**
1. TOPOGRAPHIC CONTOUR INTERVAL IS 10-FOOT MAJOR AND 2-FOOT MINOR.
 2. GROUNDWATER CONTOUR INTERVAL IS 5-FOOT.
 3. THE RELATIONSHIP BETWEEN THE PERCHED WATER TABLE AND REGIONAL WATER TABLE IS ILLUSTRATED WITHIN THE GEOLOGICAL CROSS SECTIONS (PLAN SHEET 11 THROUGH 22).

LEGEND:

MW-5A
1136.9

STATIC WATER ELEVATION - FT
(MAY 30, 2023)


MW-5

EXISTING MONITORING WELL

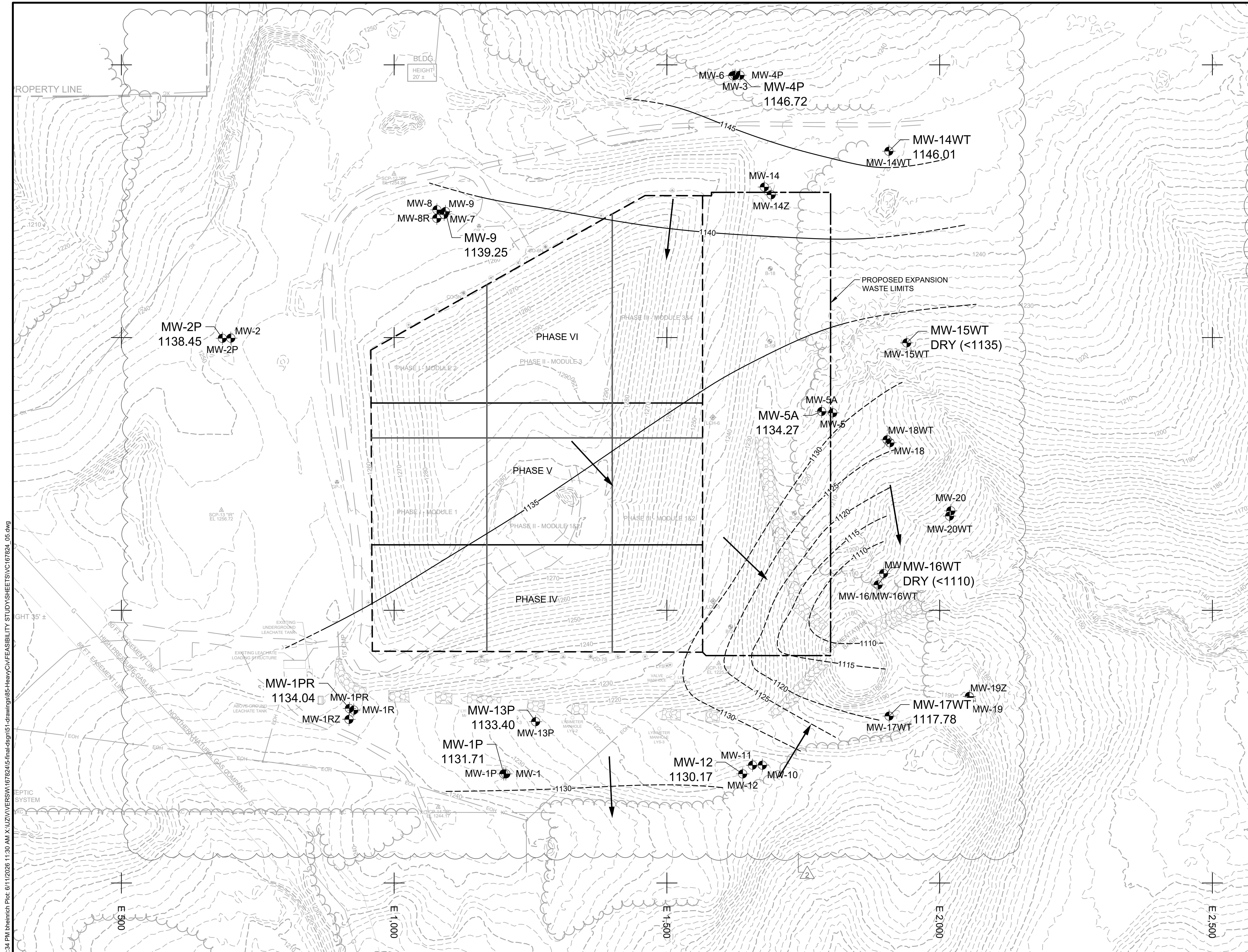
GROUNDWATER CONTOUR
(DASHED WHERE INFERRED)

GROUNDWATER FLOW LINE

PROPOSED WASTE LIMITS

- ACTIVE WASTE LIMITS

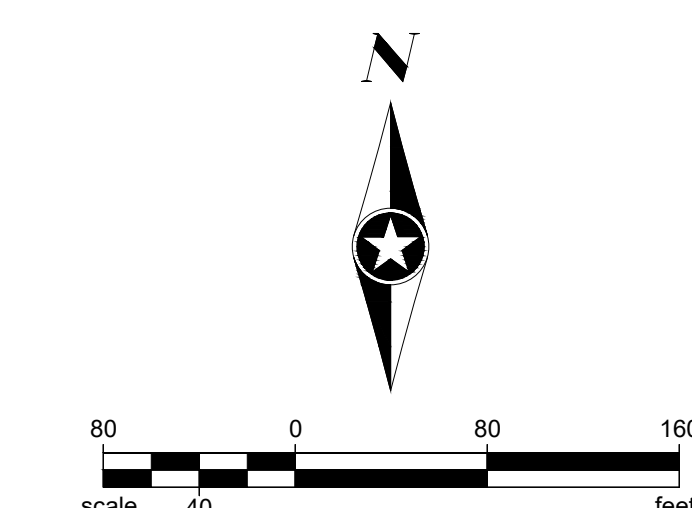
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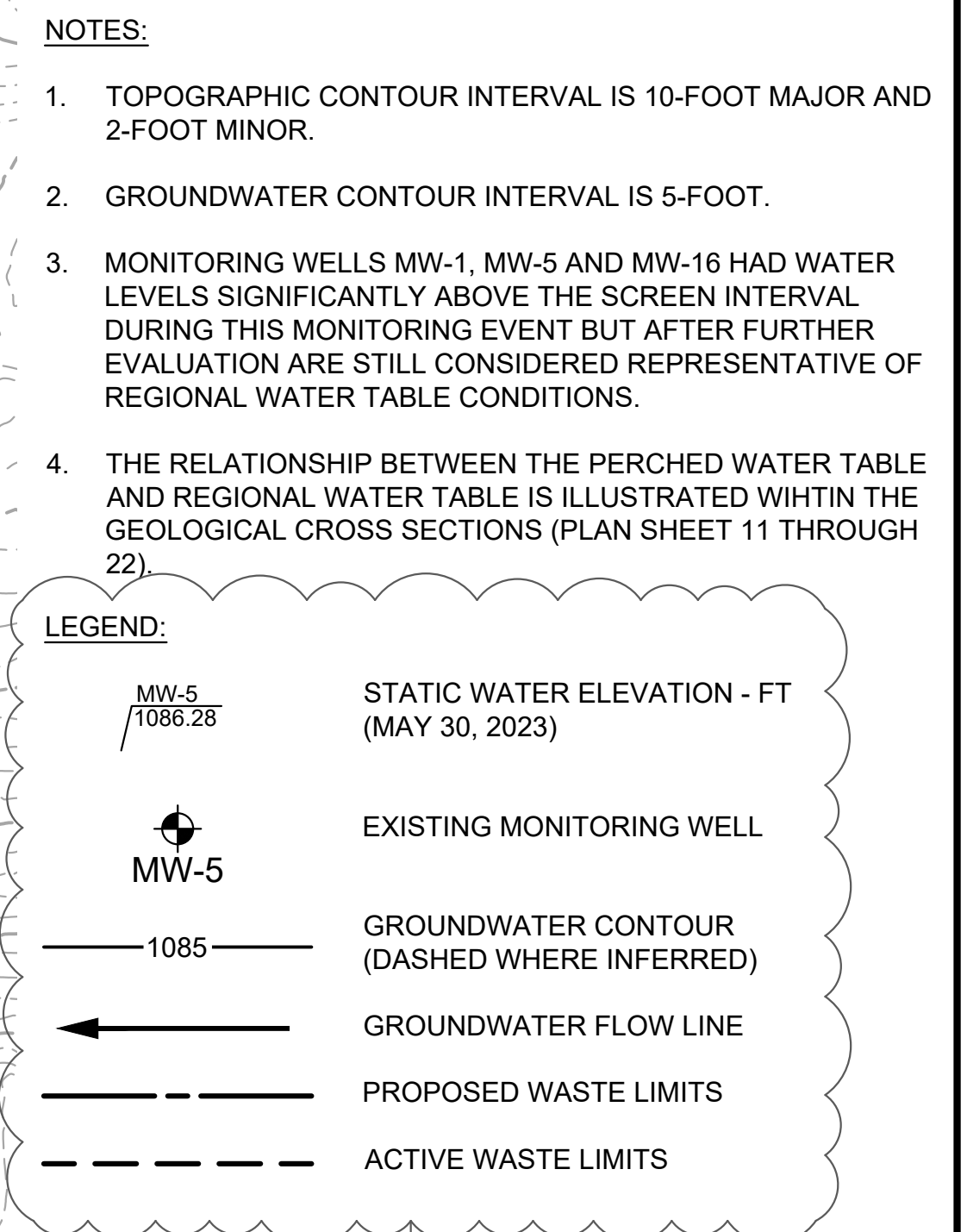
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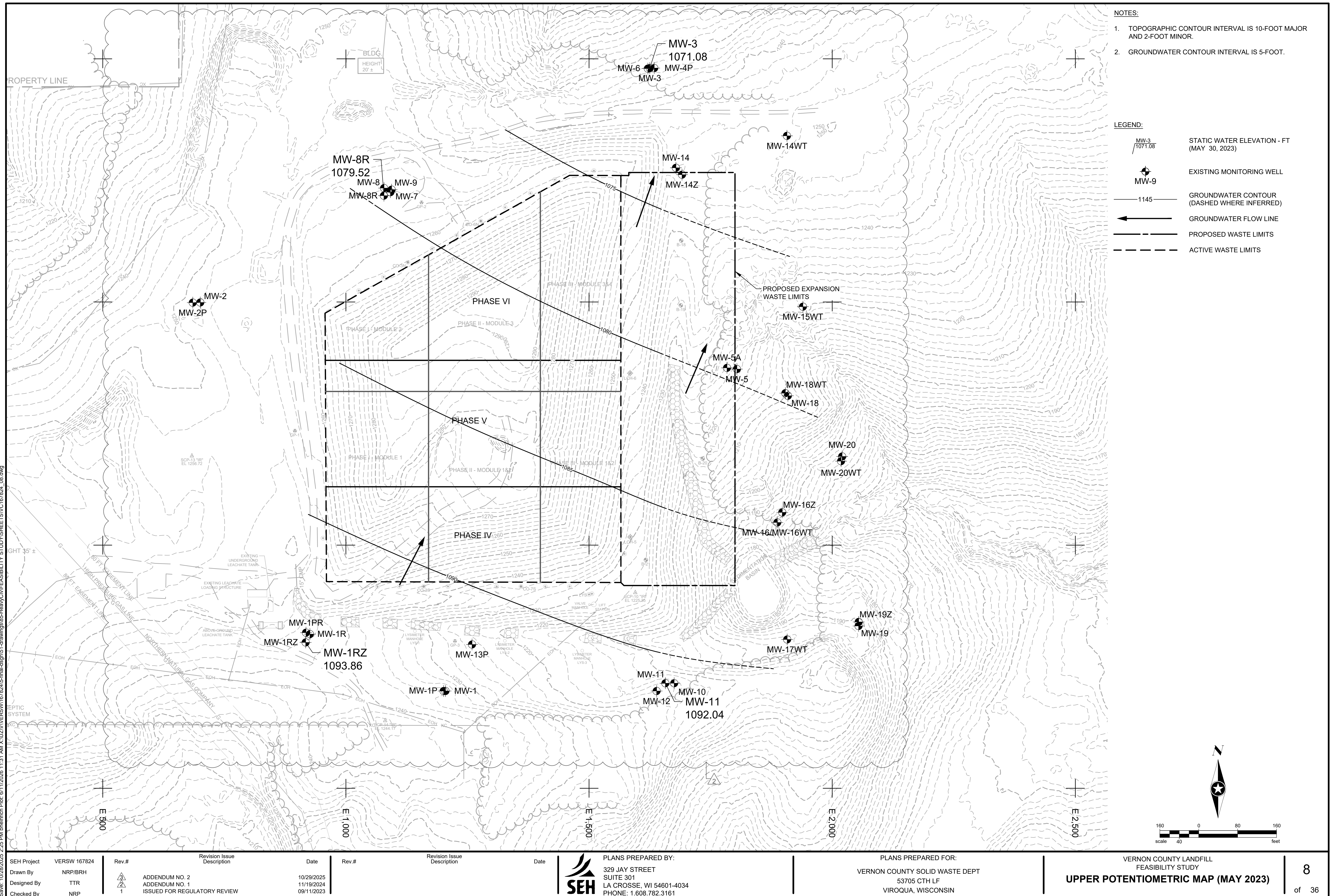
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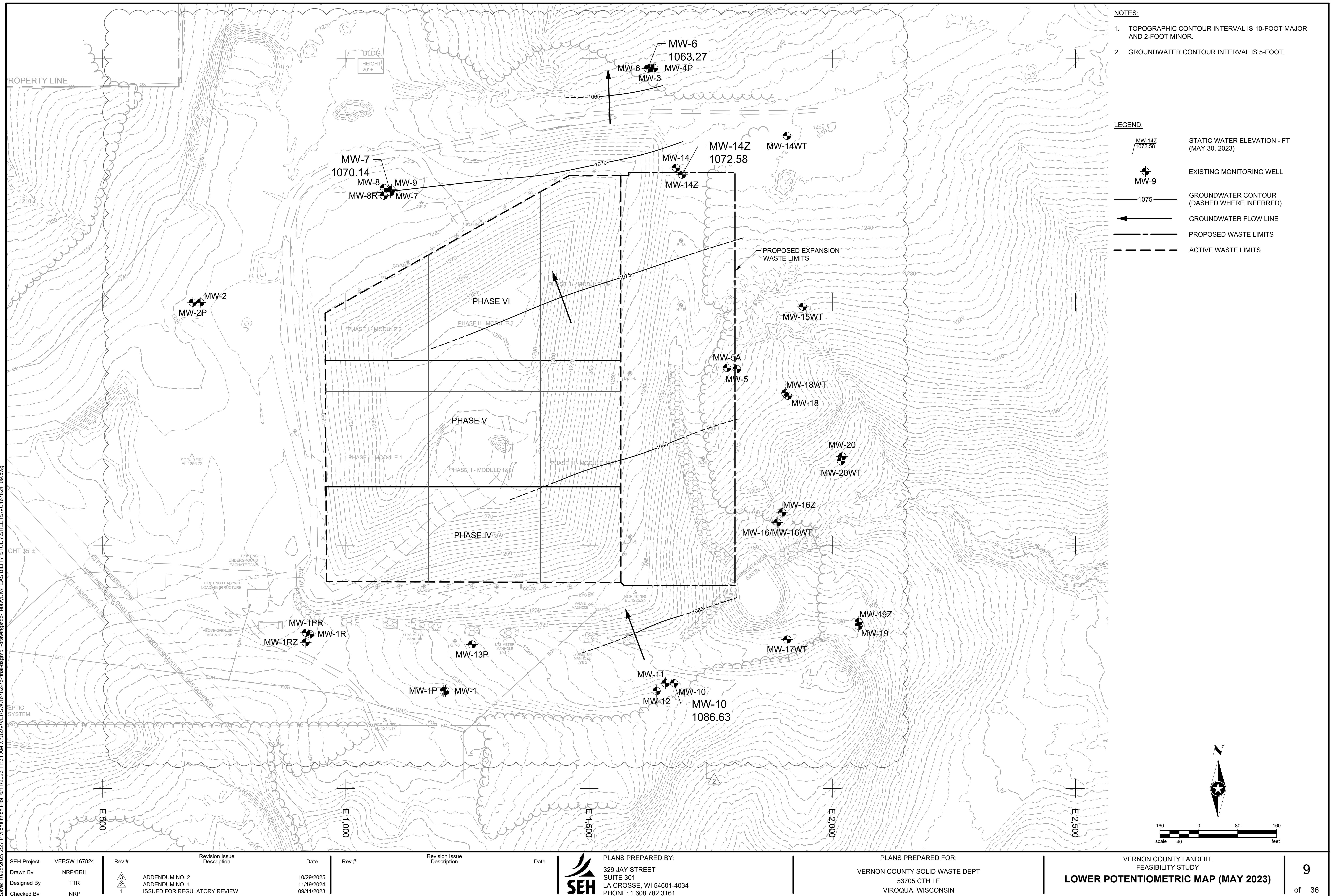
- MW-9 1139.07
- EXISTING MONITORING WELL
- 1145
- GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW LINE
- PROPOSED WASTE LIMITS
- ACTIVE WASTE LIMITS

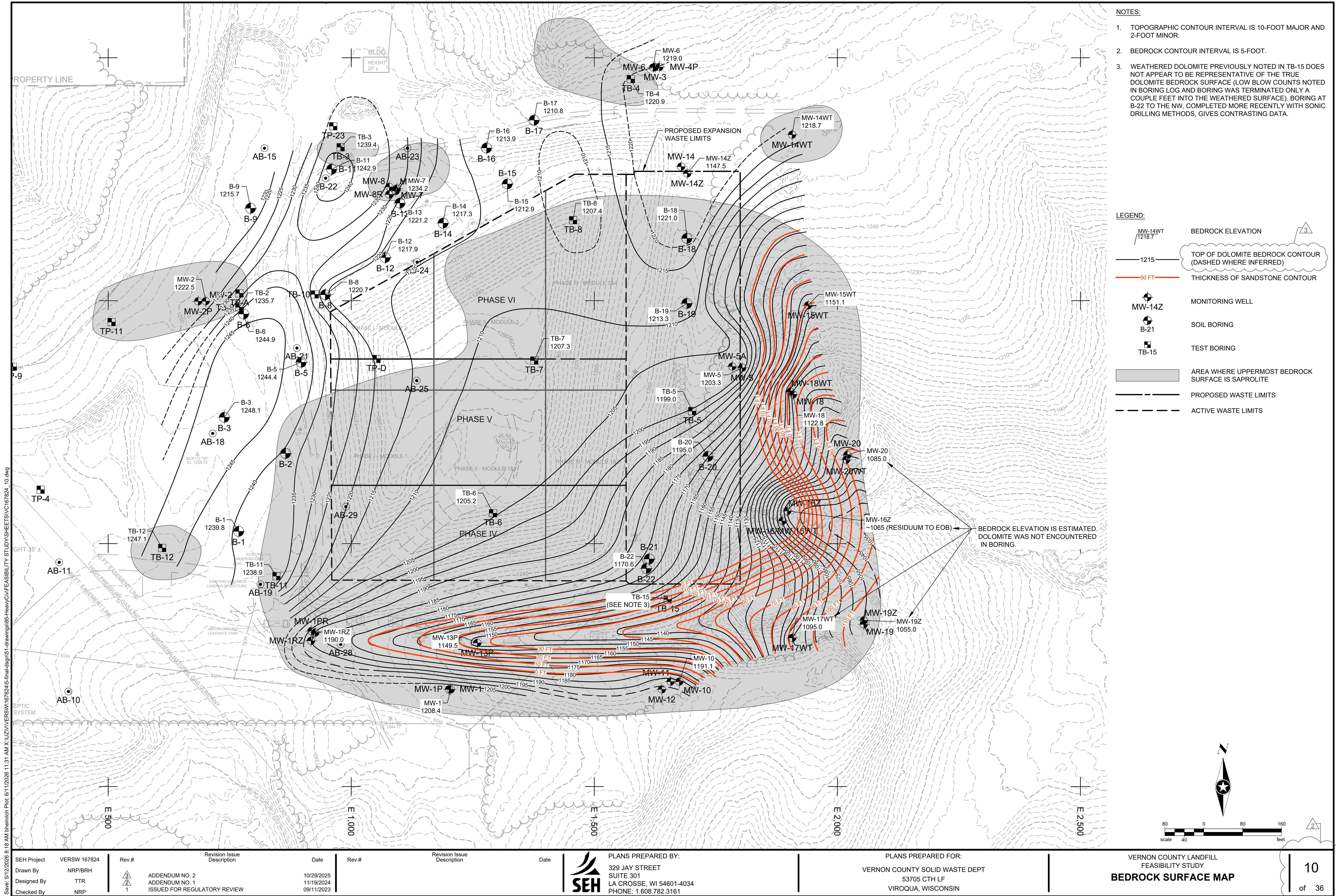


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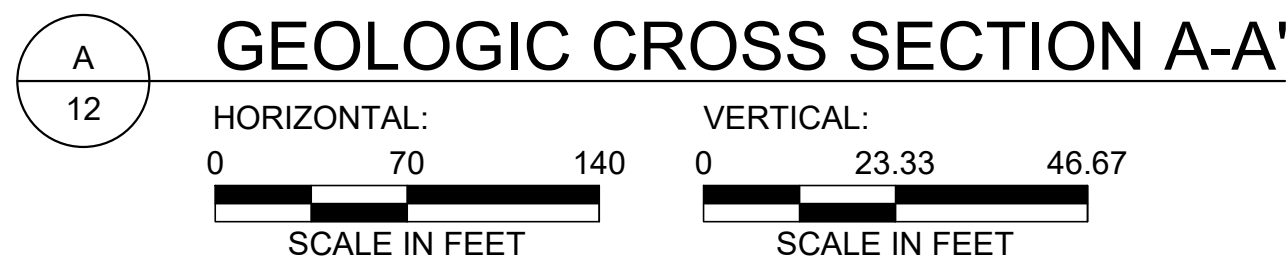
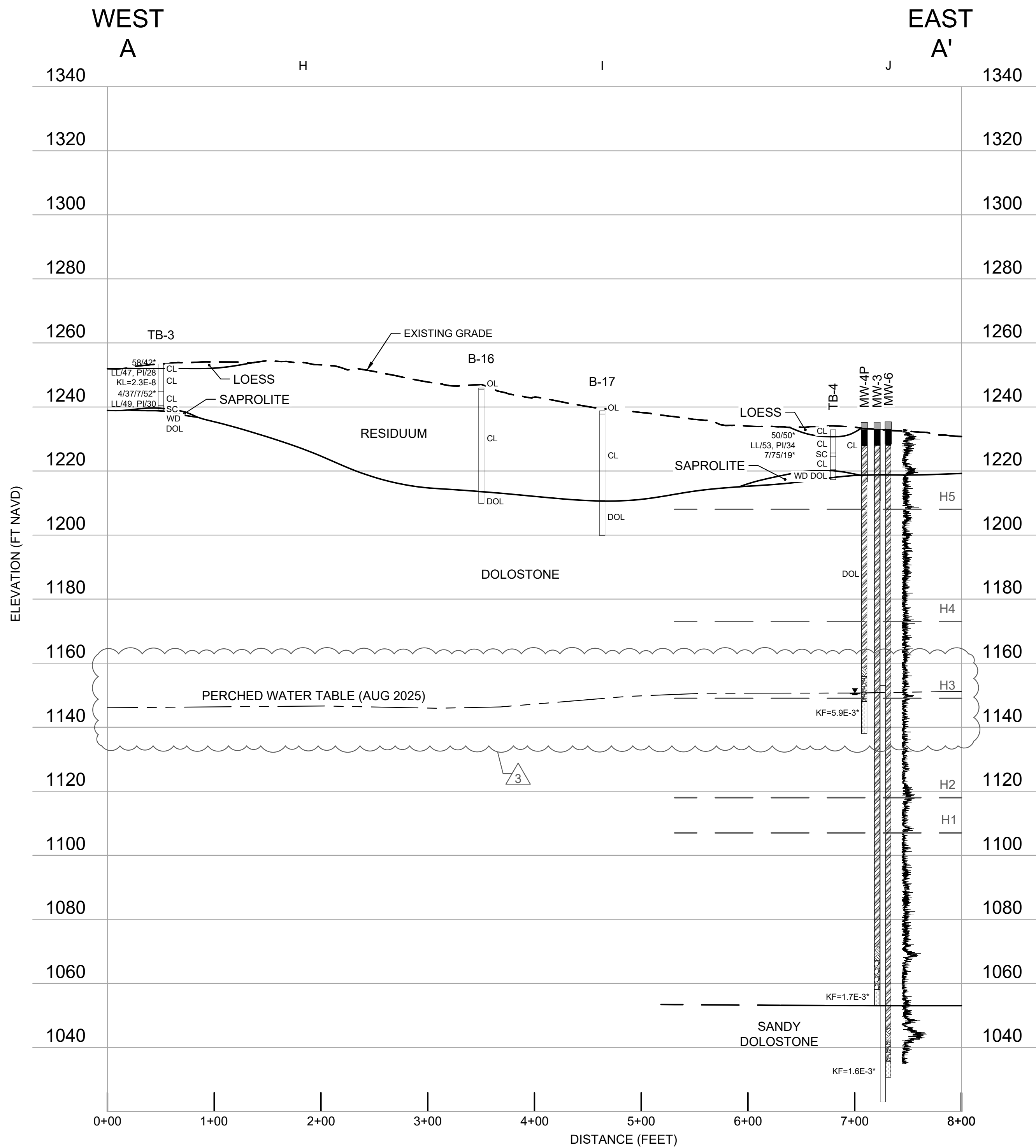




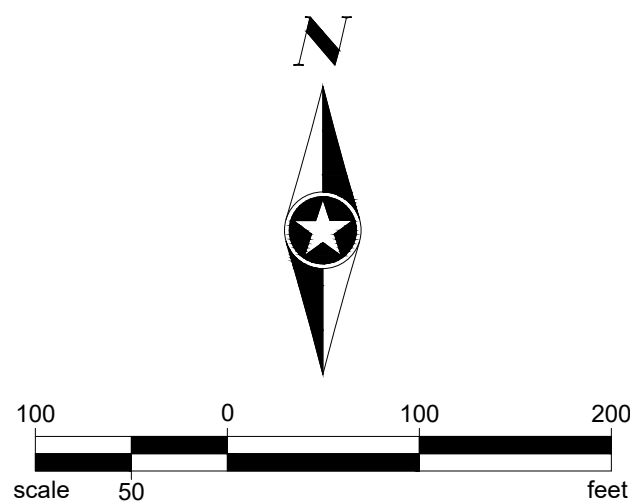




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- NOTES:
- CONTOUR INTERVAL IS 2-FOOT.
 - GEOLOGIC CROSS SECTIONS HAVE A VERTICAL EXAGGERATION OF 3:1.



USCS CLASSIFICATION:

SP	SAND, POORLY GRADED, LITTLE OR NO FINES
SP-SM	SAND, POORLY GRADED, WITH SILT
SM	SILTY SAND
SC	CLAYEY SAND
ML	SILT
CL-ML	SILTY LEAN CLAY
CL	LEAN CLAY
OL	ORGANIC SILT OR CLAY, LOW PLASTICITY

SOIL TESTING LEGEND:

*	SOIL TESTING LOCATION
LL/24	LIQUID LIMIT
PI/10	PLASTICITY INDEX
PL/14	PLASTICITY LIMIT
0/51/49	GRAVEL/SAND/P200 PERCENTAGE
2/43/38/17	GRAVEL/SAND/SILT/CLAY
KF	AVERAGE IN-FIELD PERMEABILITY (CM/SEC)
KL	LABORATORY PERMEABILITY (CM/SEC)
NP	NON-PLASTICITY

WELL CONSTRUCTION LEGEND:

	ANNULAR SEAL
	BENTONITE SEAL
	FINE GRAIN SAND
	FILTER PACK
	SCREEN
	CASING STICK-UP

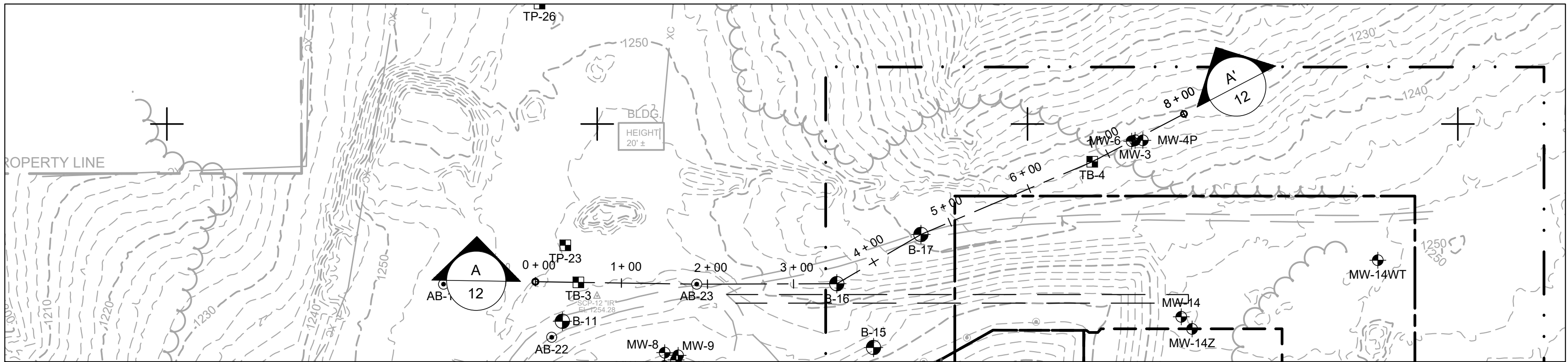
BEDROCK ABBREVIATIONS:

WD	WEATHERED BEDROCK
DOL	DOLOSTONE
SH	SHALE
SLTST	SILTSTONE
SS	SANDSTONE

GENERAL LEGEND:

	GEOLOGIC CONTACT
	WATER TABLE
	INTERSECTION CROSS-SECTION
	GAMMA LOG MARKER HORIZON
	INFERRED LITHOSTRATIGRAPHIC BOUNDARY
	BORING NATURAL GAMMA LOG

LOCATION KEY:



SEH Project	VERSW 167824	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date
Drawn By	NRP/BRH	3	ADDENDUM NO. 2	10/29/2025			
Designed By	TTR	2	ADDENDUM NO. 1	11/19/2024			
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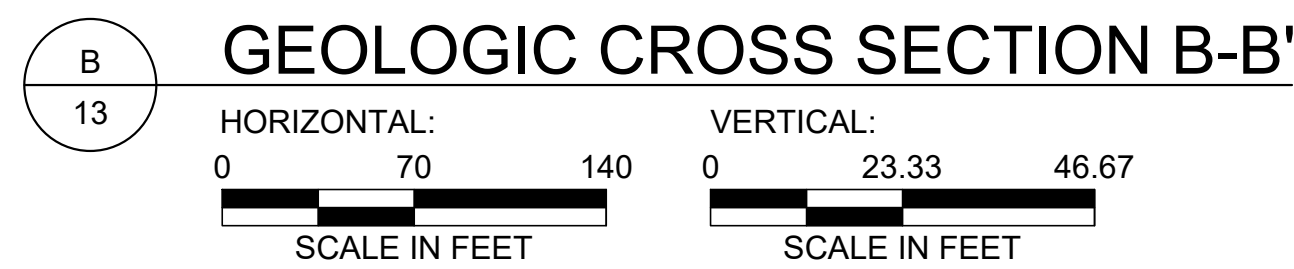
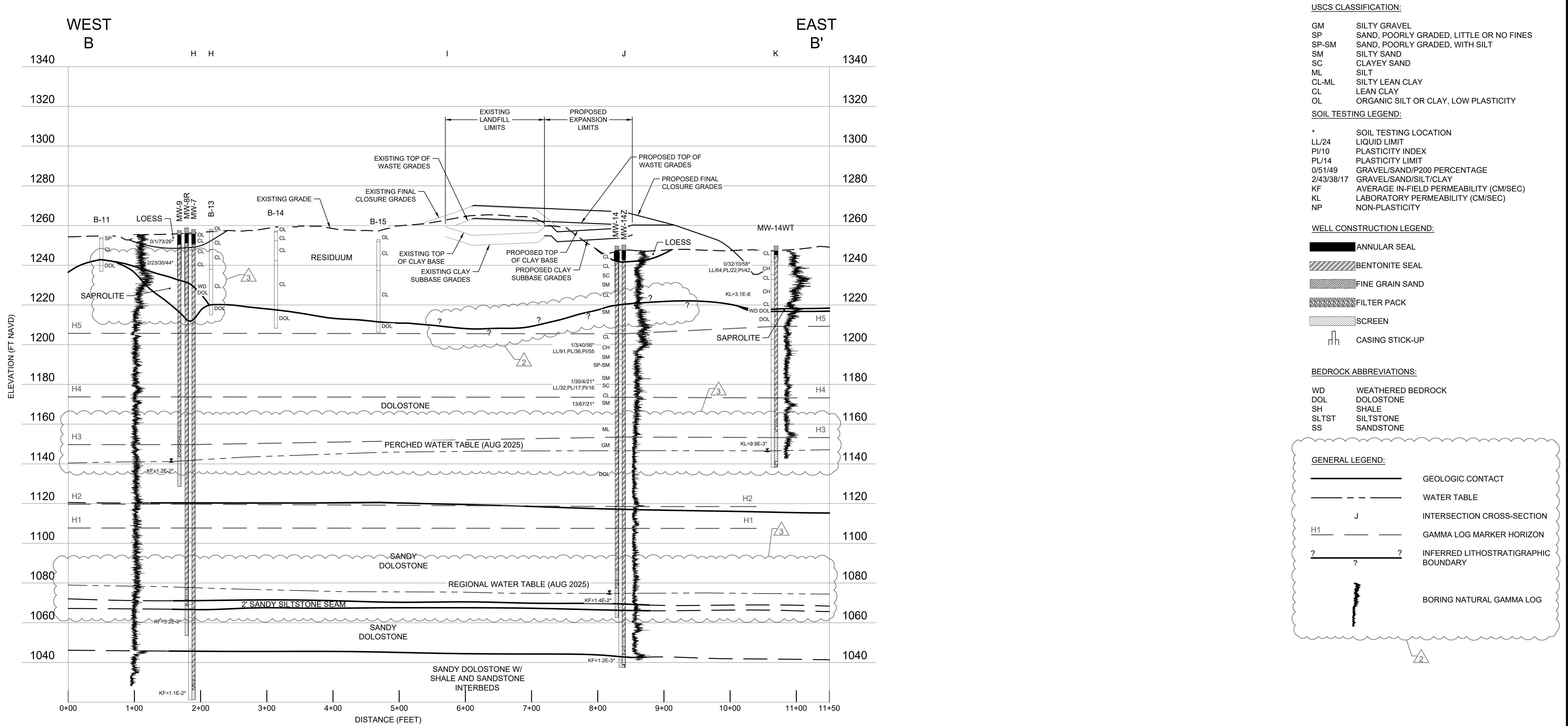


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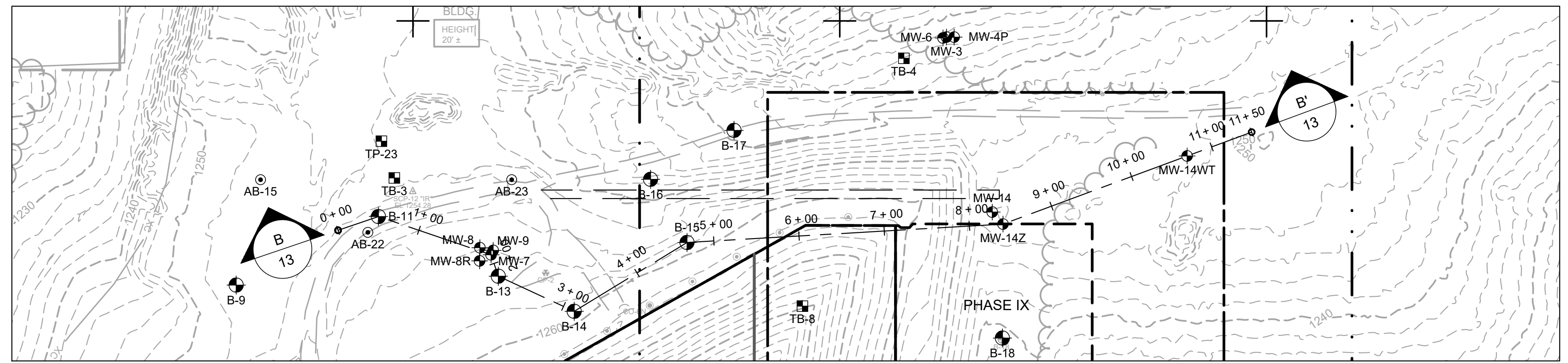
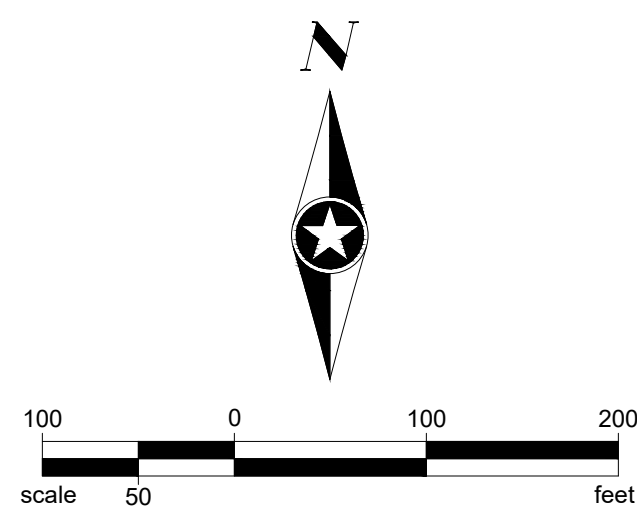
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53705 CTH LF
VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
GEOLOGIC CROSS SECTION A-A'

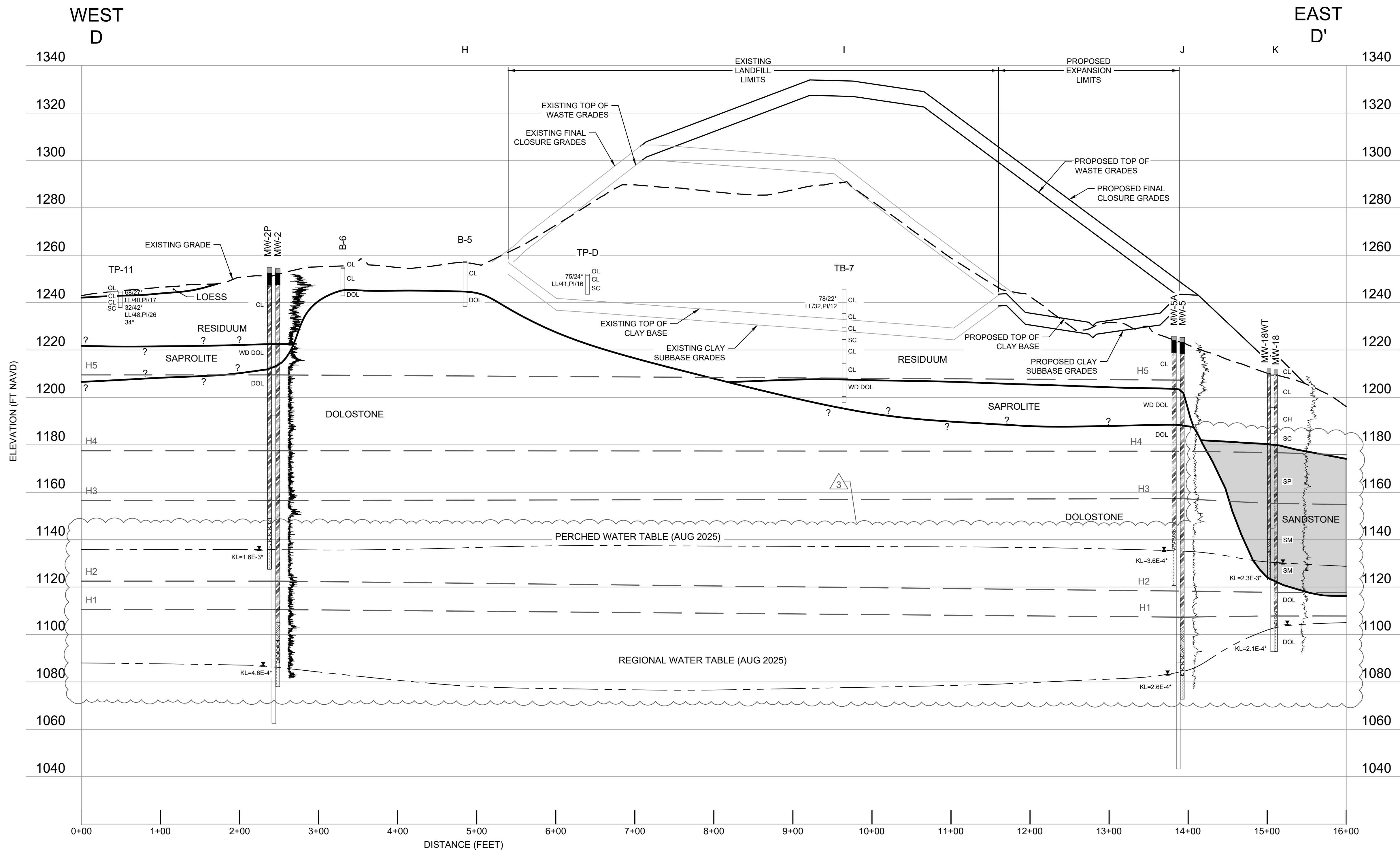
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- NOTES:
1. CONTOUR INTERVAL IS 2-FOOT.
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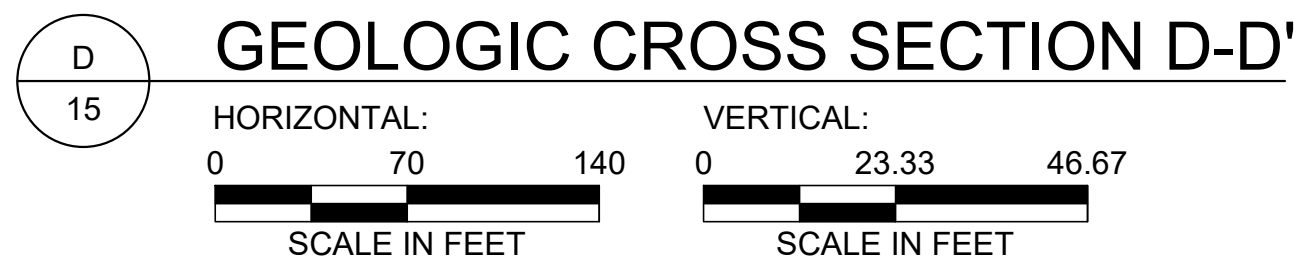
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PI/10	PLASTICITY INDEX
PL/14	PLASTICITY LIMIT
34	P200 PERCENTAGE
32/42	SILT/CLAY
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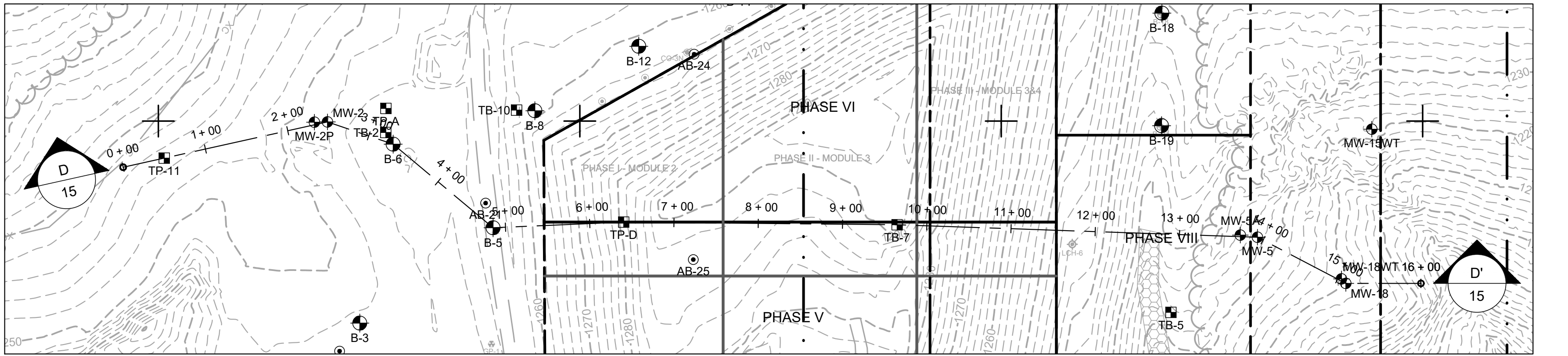
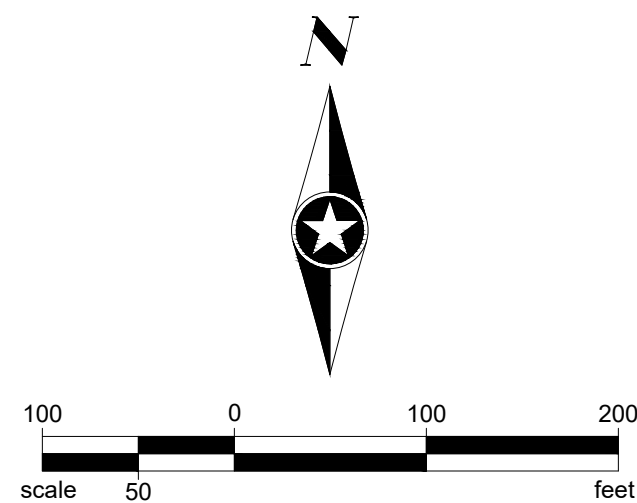
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	FINE GRAIN SAND
	FILTER PACK
	SCREEN
	CASING STICK-UP

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SEH Project	VERSW 167824	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date
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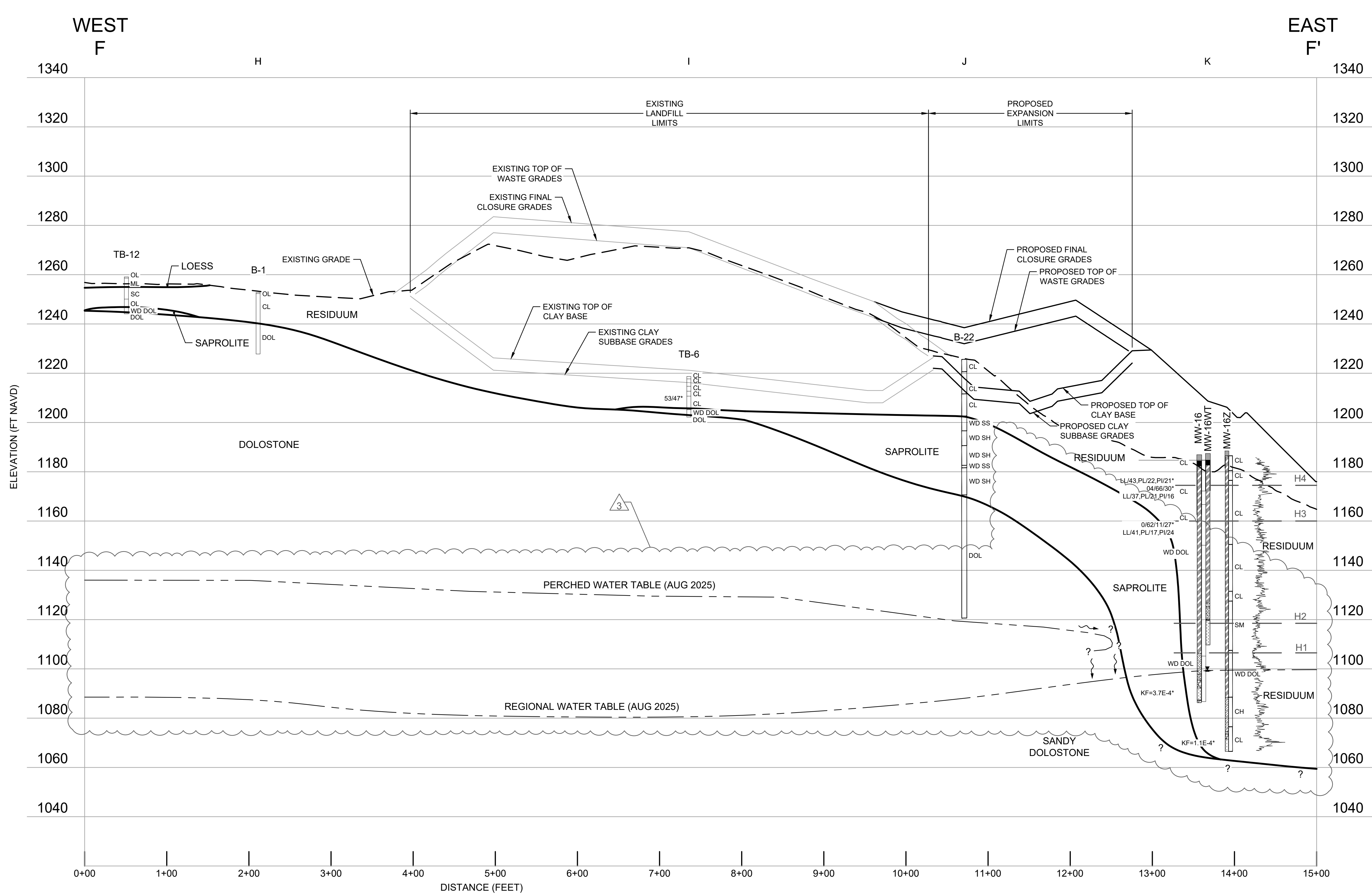


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VERNON COUNTY LANDFILL
FEASIBILITY STUDY
GEOLOGIC CROSS SECTION D-D'

Save: 5/12/2026 8:37 AM bheirich Plot: 6/11/2026 11:33 AM X:\U2\VERSW\167824\5-final-dsgn\51-drawings\05-Heavy\CV\FEASIBILITY STUDY\167824_11_THRU\22.dwg



USCS CLASSIFICATION:

SP	SAND, POORLY GRADED, LITTLE OR NO FINES
SP-SM	SAND, POORLY GRADED, WITH SILT
SM	SILTY SAND
SC	CLAYEY SAND
ML	SILT
CL-ML	SILTY LEAN CLAY
CL	LEAN CLAY
OL	ORGANIC SILT OR CLAY, LOW PLASTICITY

SOIL TESTING LEGEND:

*	SOIL TESTING LOCATION
LL/24	LIQUID LIMIT
PI/10	PLASTICITY INDEX
PL/14	PLASTICITY LIMIT
0/51/49	GRAVEL/SAND/P200 PERCENTAGE
2/43/38/17	GRAVEL/SAND/SILT/CLAY
KF	AVERAGE IN-FIELD PERMEABILITY (CM/SEC)
KL	LABORATORY PERMEABILITY (CM/SEC)
NP	NON-PLASTICITY

WELL CONSTRUCTION LEGEND:

	ANNULAR SEAL
	BENTONITE SEAL
	FINE GRAIN SAND
	FILTER PACK
	SCREEN
	CASING STICK-UP

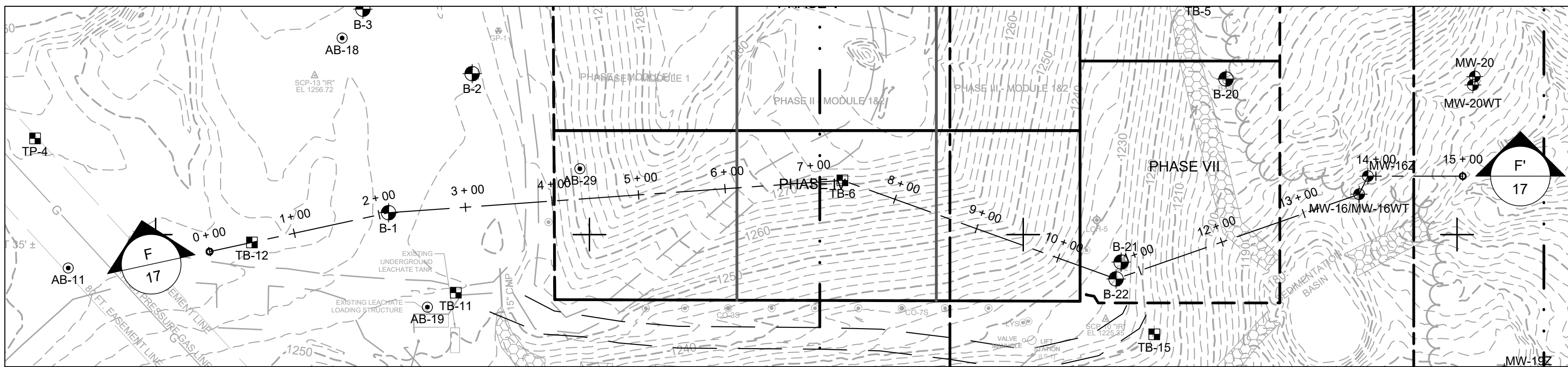
BEDROCK ABBREVIATIONS:

WD	WEATHERED BEDROCK
DOL	DOLOSTONE
SH	SHALE
SLTST	SILTSTONE
SS	SANDSTONE

GENERAL LEGEND:

	GEOLOGIC CONTACT
	WATER TABLE
	INTERSECTION CROSS-SECTION
	GAMMA LOG MARKER HORIZON
	INFERRED LITHOSTRATIGRAPHIC BOUNDARY
	BORING NATURAL GAMMA LOG
	SATURATED/UNSATURATED GROUNDWATER FLOW

LOCATION KEY:



GEOLOGIC CROSS SECTION F-F'



NOTES:

1. CONTOUR INTERVAL IS 2-FOOT.
2. GEOLOGIC CROSS SECTIONS HAVE A VERTICAL EXAGGERATION OF 3:1.

SEH Project	VERSW 167824	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date
Drawn By	NRP/BRH	3	ADDENDUM NO. 2	10/29/2025			
Designed By	TTR	2	ADDENDUM NO. 1	11/19/2024			
Checked By	NRP	1	ISSUED FOR REGULATORY REVIEW	09/11/2023			

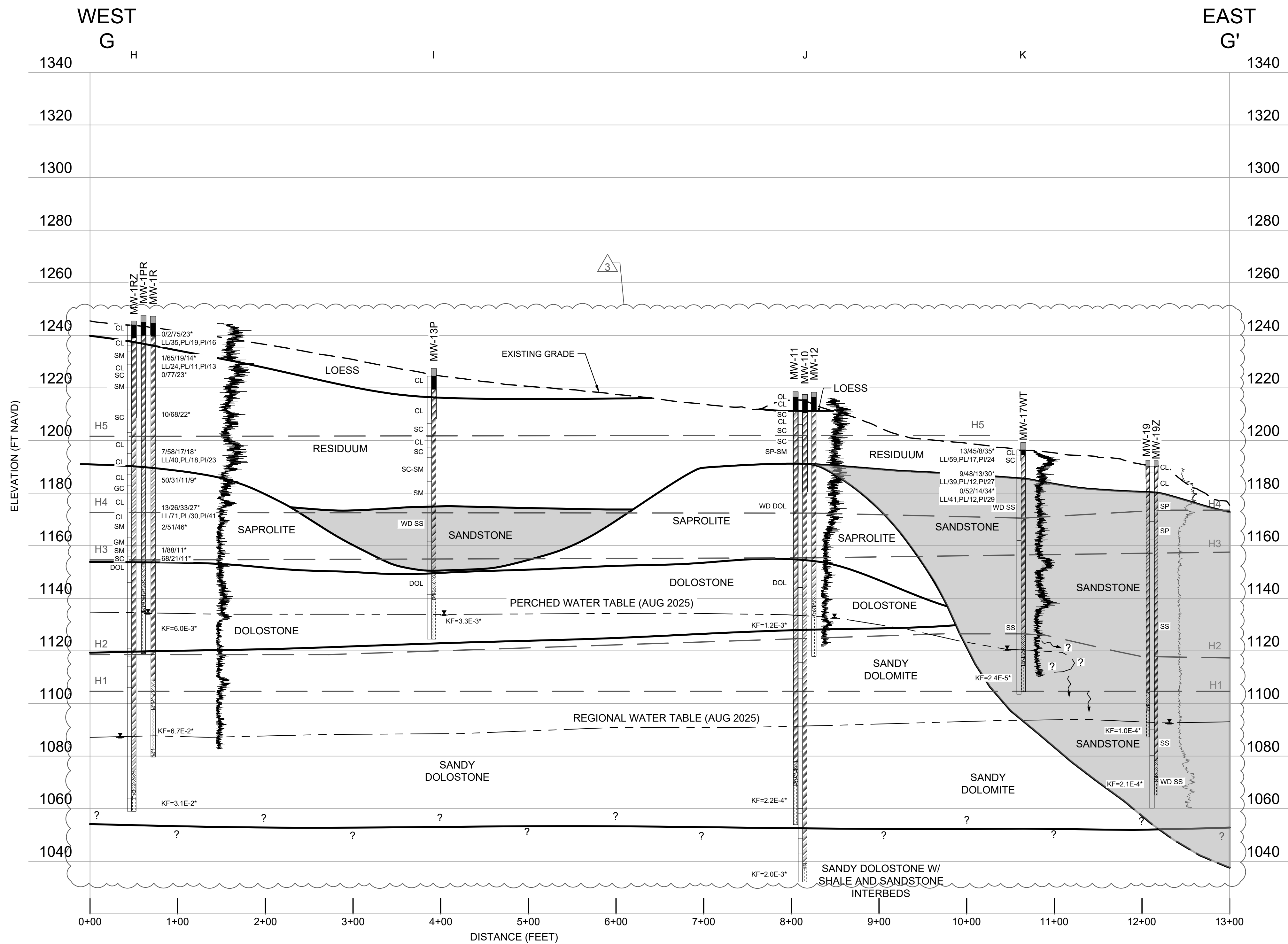


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VERNON COUNTY SOLID WASTE DEPT
53705 CTH LF
VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
GEOLOGIC CROSS SECTION F-F'

Save: 5/12/2026 8:37 AM bheirich Plot: 6/11/2026 11:33 AM X:\U2\VERS\167824\5-final-dsgn\51-drawings\05-Heavy\CV\FEASIBILITY STUDY\167824_11_THRU_22.dwg



USCS CLASSIFICATION:

GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
SP	SAND, POORLY GRADED, LITTLE OR NO FINES
SP-SM	SAND, POORLY GRADED, WITH SILT
SM	SILTY SAND
SM-SC	CLAYEY-SILTY SAND
SC	CLAYEY SAND
ML	SILT
CL-ML	SILTY LEAN CLAY
CL	LEAN CLAY
OL	ORGANIC SILT OR CLAY, LOW PLASTICITY

SOIL TESTING LEGEND:

*	SOIL TESTING LOCATION
LL/24	LIQUID LIMIT
PI/10	PLASTICITY INDEX
PL/14	PLASTICITY LIMIT
0/51/49	GRAVEL/SAND/P200 PERCENTAGE
2/43/38/17	GRAVEL/SAND/SILT/CLAY
KF	AVERAGE IN-FIELD PERMEABILITY (CM/SEC)
KL	LABORATORY PERMEABILITY (CM/SEC)
NP	NON-PLASTICITY

WELL CONSTRUCTION LEGEND:

	ANNULAR SEAL
	BENTONITE SEAL
	FINE GRAIN SAND
	FILTER PACK
	SCREEN
	CASING STICK-UP

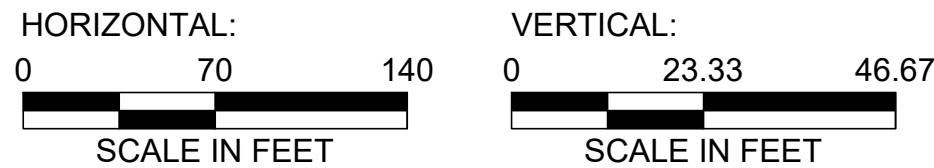
BEDROCK ABBREVIATIONS:

WD	WEATHERED BEDROCK
DOL	DOLOSTONE
SH	SHALE
SLTST	SILTSTONE
SS	SANDSTONE

GENERAL LEGEND:

	GEOLOGIC CONTACT
	WATER TABLE
	INTERSECTION CROSS-SECTION
	GAMMA LOG MARKER HORIZON
	INFERRED LITHOSTRATIGRAPHIC BOUNDARY
	BORING NATURAL GAMMA LOG
	SATURATED/UNSATURATED GROUNDWATER FLOW

GEOLOGIC CROSS SECTION G-G'

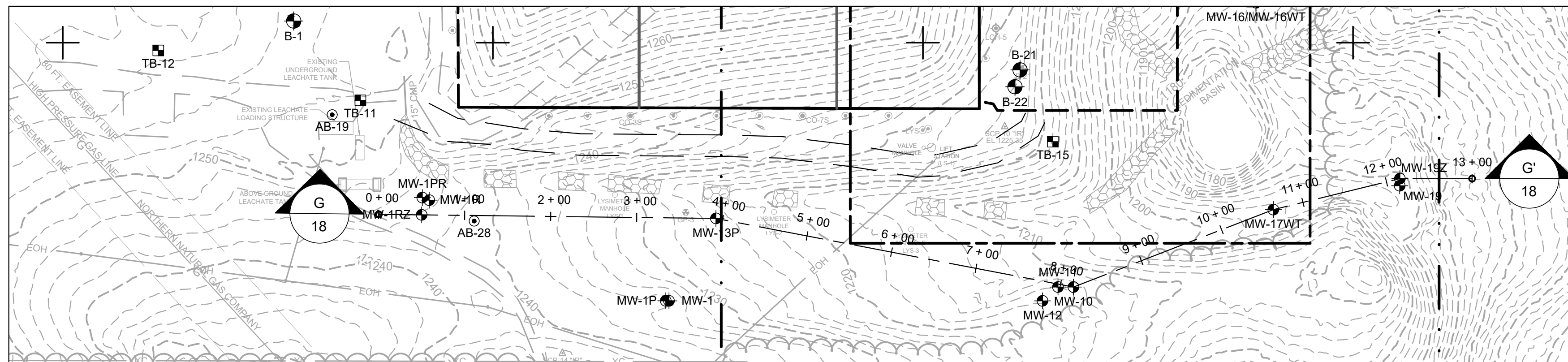


NOTES:

- CONTOUR INTERVAL IS 2-FOOT.
- GEOLOGIC CROSS SECTIONS HAVE A VERTICAL EXAGGERATION OF 3:1.



LOCATION KEY:



SEH Project	VERS\167824	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date
Drawn By	NRP/BRH	3	ADDENDUM NO. 2	10/29/2025			
Designed By	TTR	2	ADDENDUM NO. 1	11/19/2024			
Checked By	NRP	1	ISSUED FOR REGULATORY REVIEW	09/11/2023			

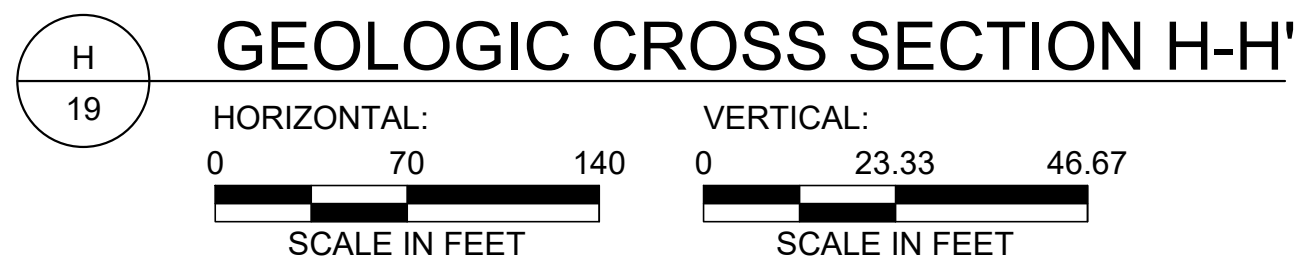
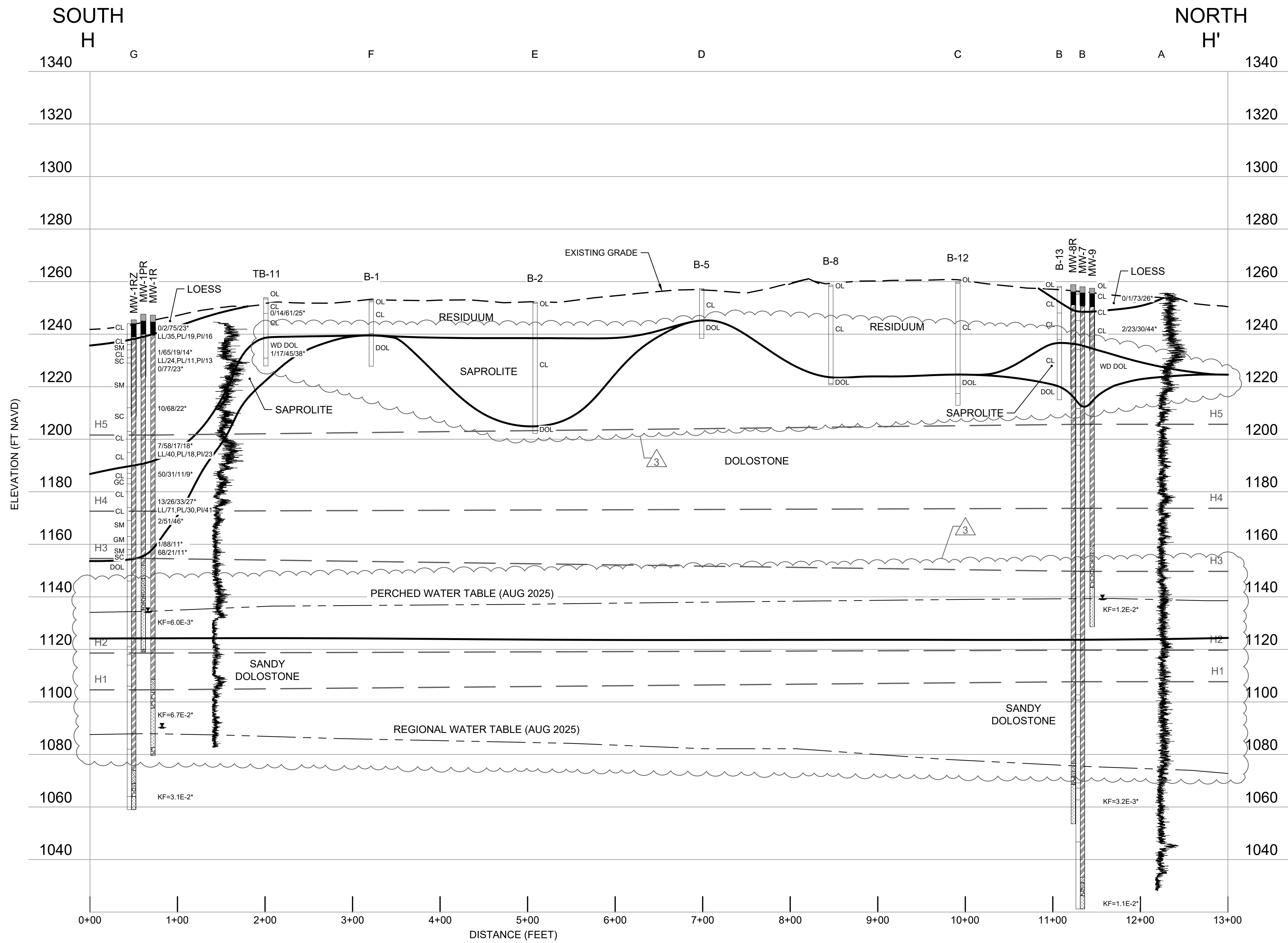


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PLANS PREPARED FOR:
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53705 CTH LF
VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
GEOLOGIC CROSS SECTION G-G'

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- NOTES:**
- CONTOUR INTERVAL IS 2-FOOT.
 - GEOLOGIC CROSS SECTIONS HAVE A VERTICAL EXAGGERATION OF 3:1.

USCS CLASSIFICATION:

GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
SP	SAND, POORLY GRADED, LITTLE OR NO FINES
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SOIL TESTING LEGEND:

*	SOIL TESTING LOCATION
LL/24	LIQUID LIMIT
PI/10	PLASTICITY INDEX
PL/14	PLASTICITY LIMIT
0/51/49	GRAVEL/SAND/P200 PERCENTAGE
2/43/38/17	GRAVEL/SAND/SILT/CLAY
KF	AVERAGE IN-FIELD PERMEABILITY (CM/SEC)
KL	LABORATORY PERMEABILITY (CM/SEC)
NP	NON-PLASTICITY

WELL CONSTRUCTION LEGEND:

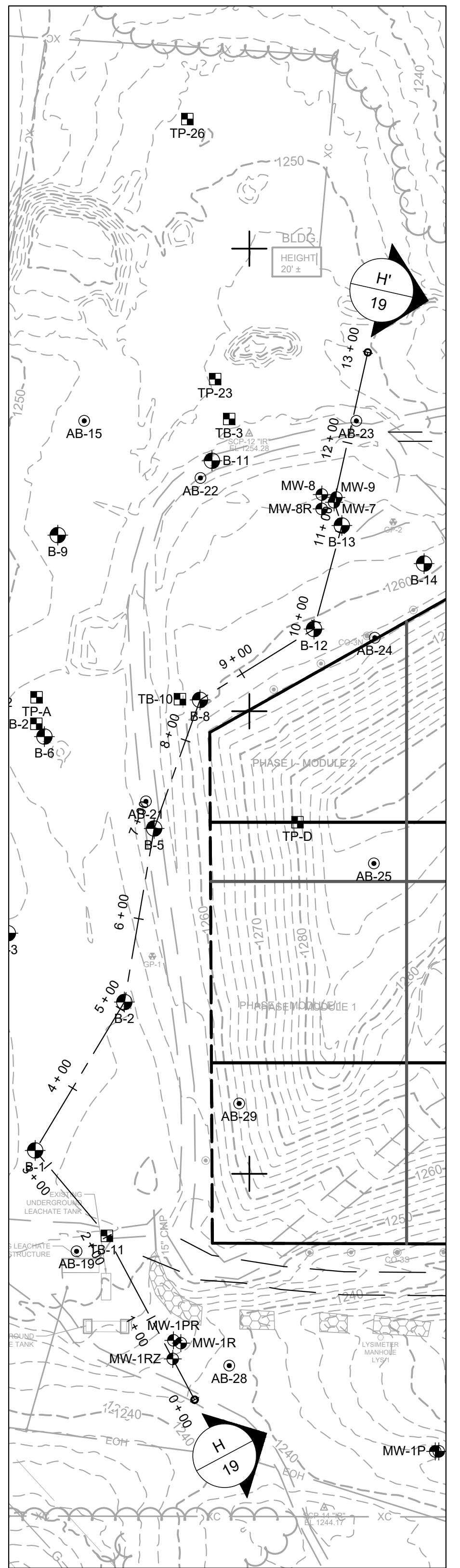
ANNULAR SEAL
BENTONITE SEAL
FINE GRAIN SAND
FILTER PACK
SCREEN
CASING STICK-UP

BEDROCK ABBREVIATIONS:

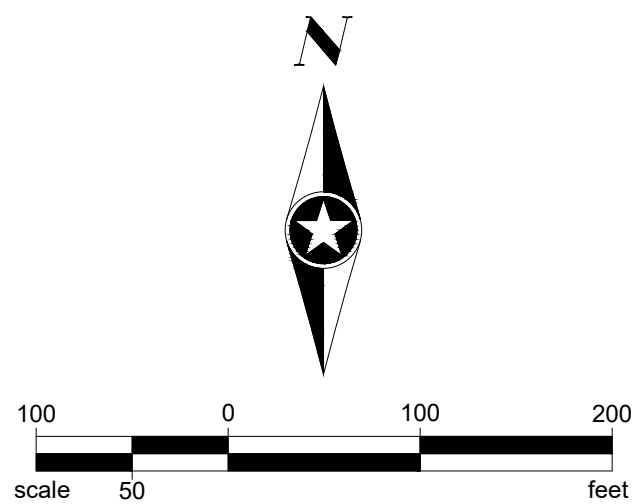
WD	WEATHERED BEDROCK
DOL	DOLOSTONE
SH	SHALE
SLTST	SILTSTONE
SS	SANDSTONE

GENERAL LEGEND:

GEOLOGIC CONTACT
WATER TABLE
INTERSECTION CROSS-SECTION
GAMMA LOG MARKER HORIZON
INFERRED LITHOSTRATIGRAPHIC BOUNDARY
BORING NATURAL GAMMA LOG



LOCATION KEY:



SEH Project
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Designed By
Checked By

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NRP/BRH
TTR
NRP

Rev.#
3
2
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ADDENDUM NO. 2
ADDENDUM NO. 1
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Date
10/29/2025
11/19/2024
09/11/2023

Rev.#
Description
Date

Revision Issue
Description

Date

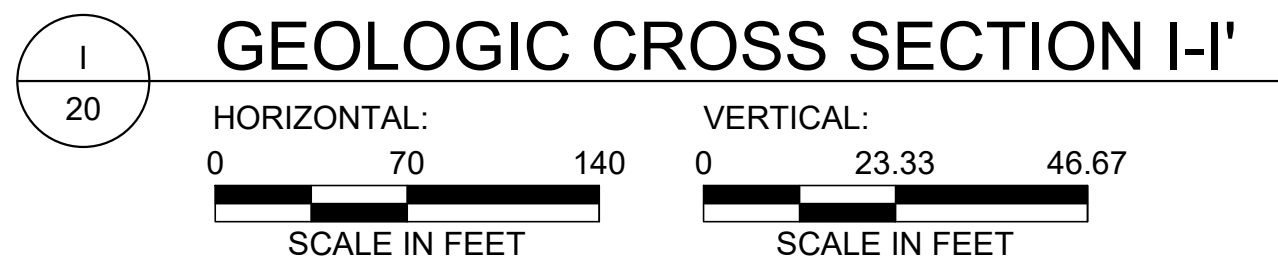
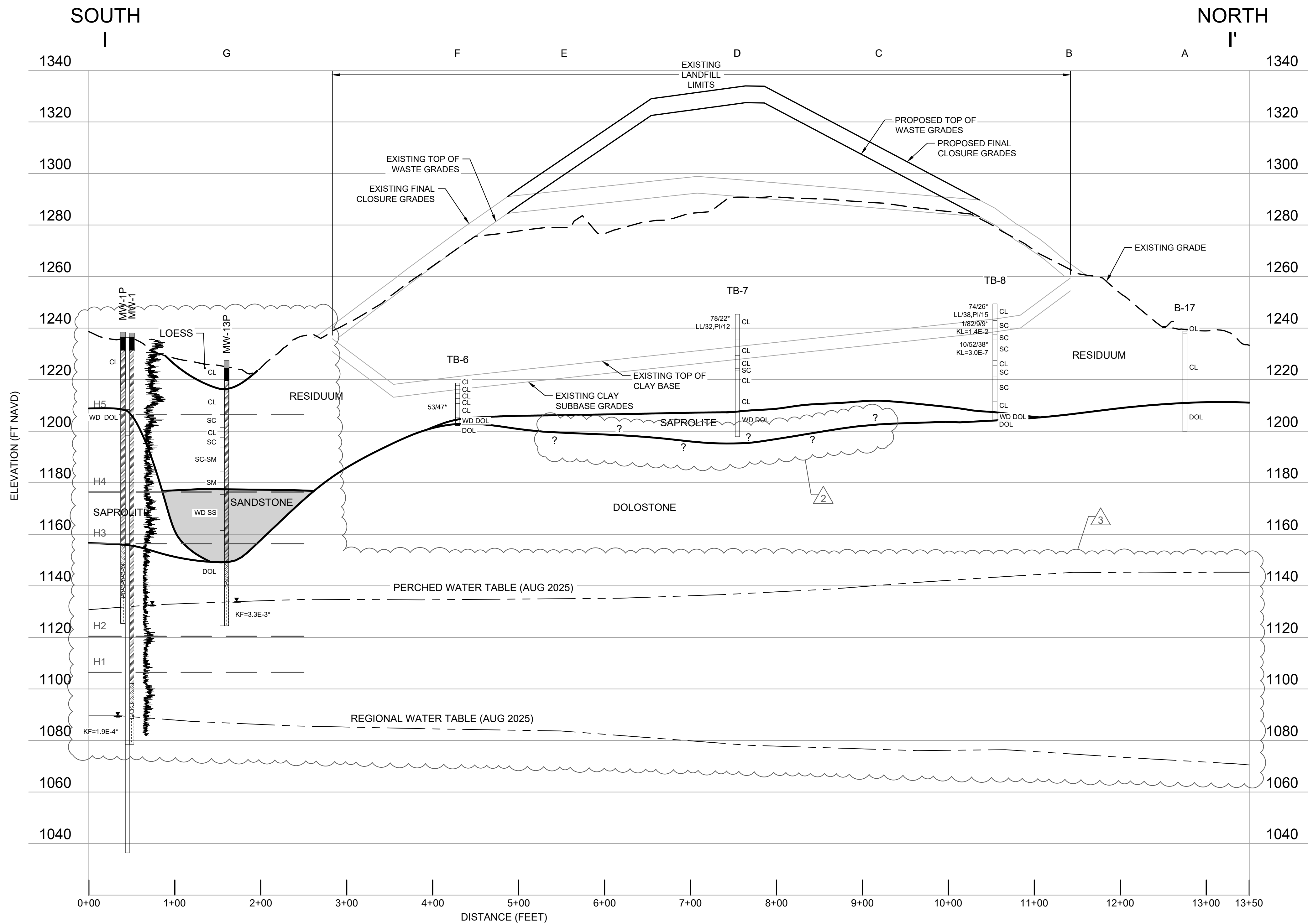


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PLANS PREPARED FOR:
VERNON COUNTY SOLID WASTE DEPT
53705 CTH LF
VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
GEOLOGIC CROSS SECTION H-H'

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- NOTES:
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 - GEOLOGIC CROSS SECTIONS HAVE A VERTICAL EXAGGERATION OF 3:1.

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CL	LEAN CLAY
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*	SOIL TESTING LOCATION
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PL/14	PLASTICITY LIMIT
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2/43/38/17	GRAVEL/SAND/SILT/CLAY
KF	AVERAGE IN-FIELD PERMEABILITY (CM/SEC)
KL	LABORATORY PERMEABILITY (CM/SEC)
NP	NON-PLASTICITY

WELL CONSTRUCTION LEGEND:

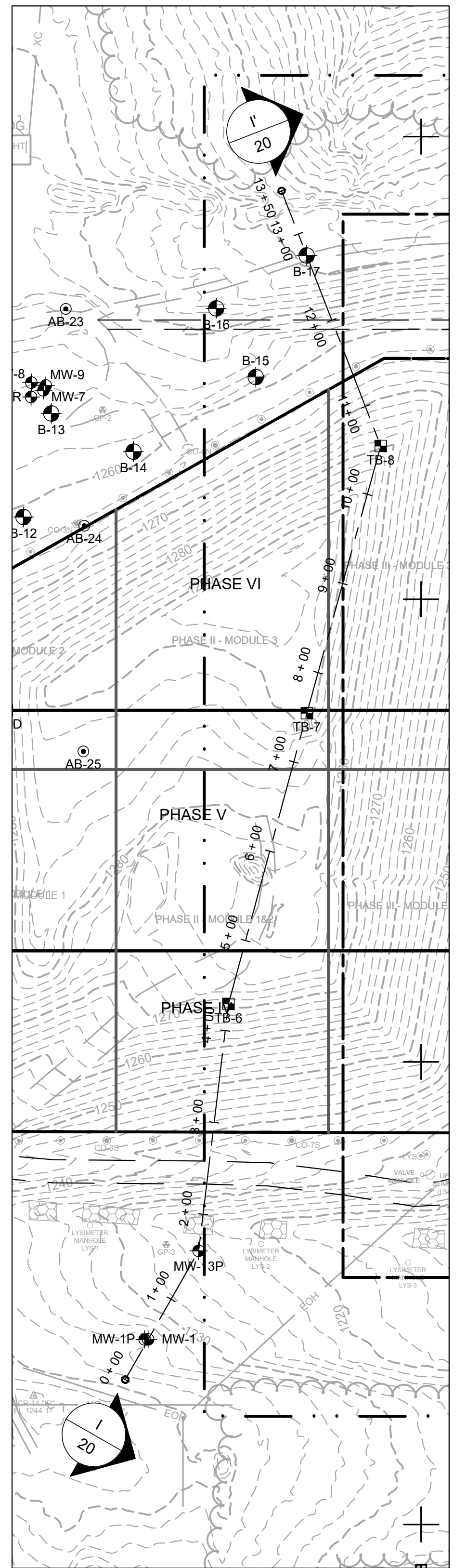
ANNULAR SEAL
BENTONITE SEAL
FINE GRAIN SAND
FILTER PACK
SCREEN
CASING STICK-UP

BEDROCK ABBREVIATIONS:

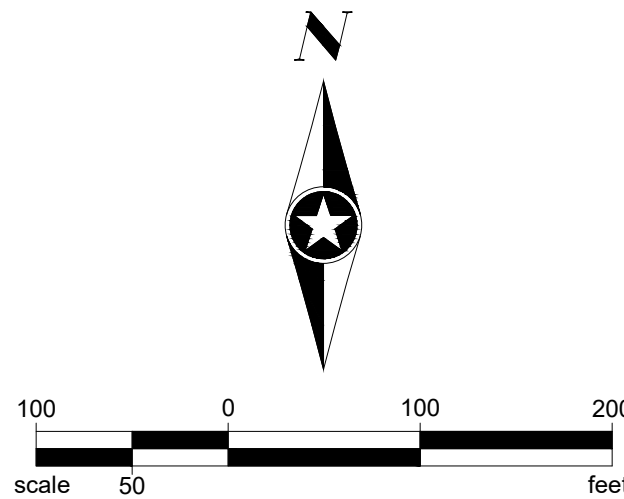
WD	WEATHERED BEDROCK
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SLTST	SILTSTONE
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GENERAL LEGEND:

GEOLOGIC CONTACT
WATER TABLE
INTERSECTION CROSS-SECTION
GAMMA LOG MARKER HORIZON
INFERRED LITHOSTRATIGRAPHIC BOUNDARY
BORING NATURAL GAMMA LOG



LOCATION KEY:



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Designed By	TTR	2	ADDENDUM NO. 1	11/19/2024			
Checked By	NRP	1	ISSUED FOR REGULATORY REVIEW	09/11/2023			

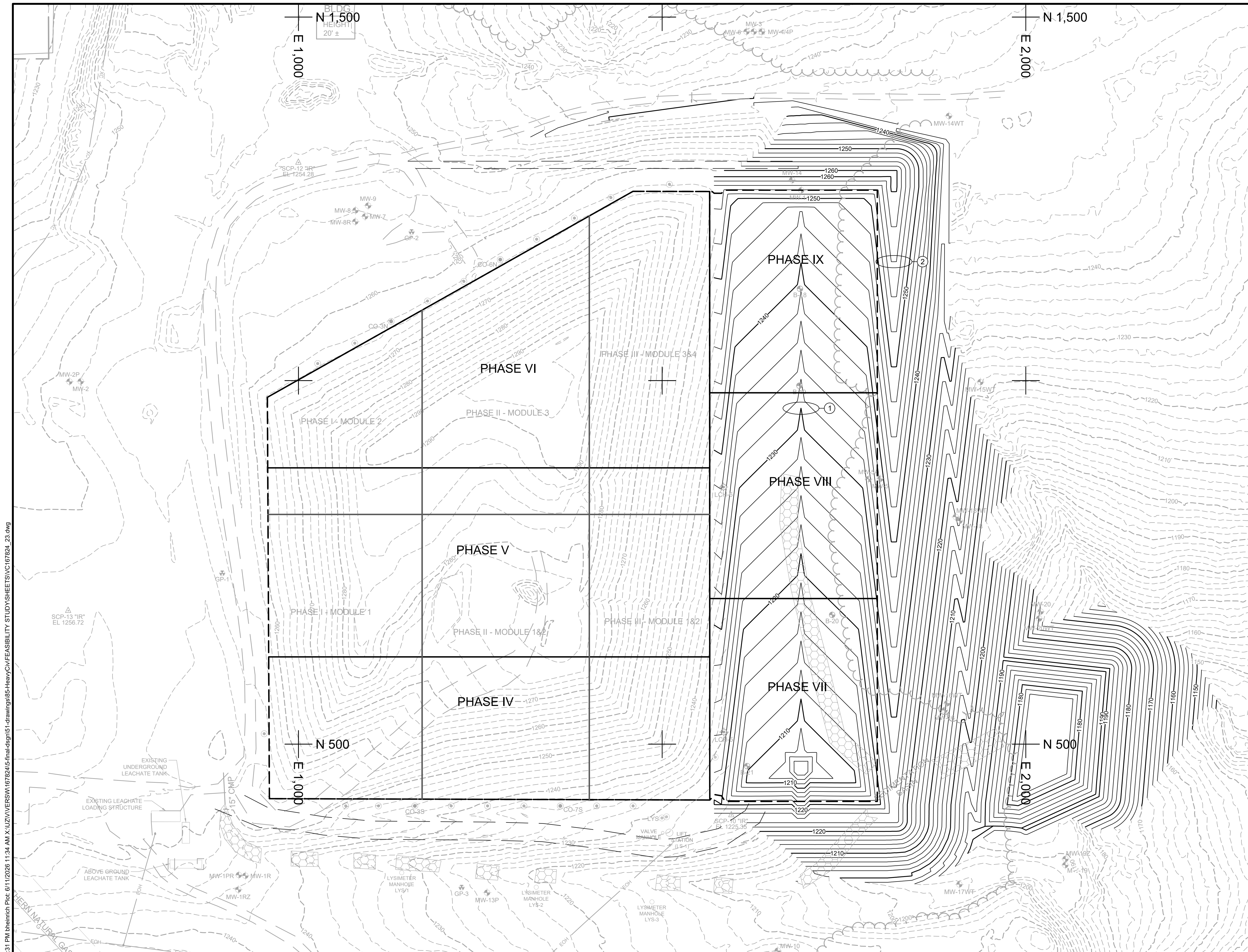


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PLANS PREPARED FOR:
VERNON COUNTY SOLID WASTE DEPT
53705 CTH LF
VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
GEOLOGIC CROSS SECTION I-I'

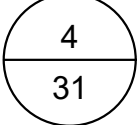
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NOTES:

1. CONTOUR INTERVAL IS 10-FOOT MAJOR AND 2-FOOT MINOR.
2. PROPOSED CONTOURS WITHIN THE LINER LIMITS REPRESENT BOTTOM OF 5-FOOT CLAY LINER ELEVATIONS (SUBBASE).
3. PROPOSED CONTOURS OUTSIDE THE PHASE BOUNDARY LIMITS REPRESENT FINAL GRADE ELEVATIONS (TOP OF TOPSOIL, ETC.).

KEYNOTES:

1. LEACHATE COLLECTION TRENCH 
2. PERIMETER BERM, DITCH AND OUTLET PIPE 

SEH Project	VERSW 167824	Rev.#	Revision Issue Description	Date
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Checked By	NRP	1	ISSUED FOR REGULATORY REVIEW	09/11/2023

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1	ISSUED FOR REGULATORY REVIEW	09/11/2023

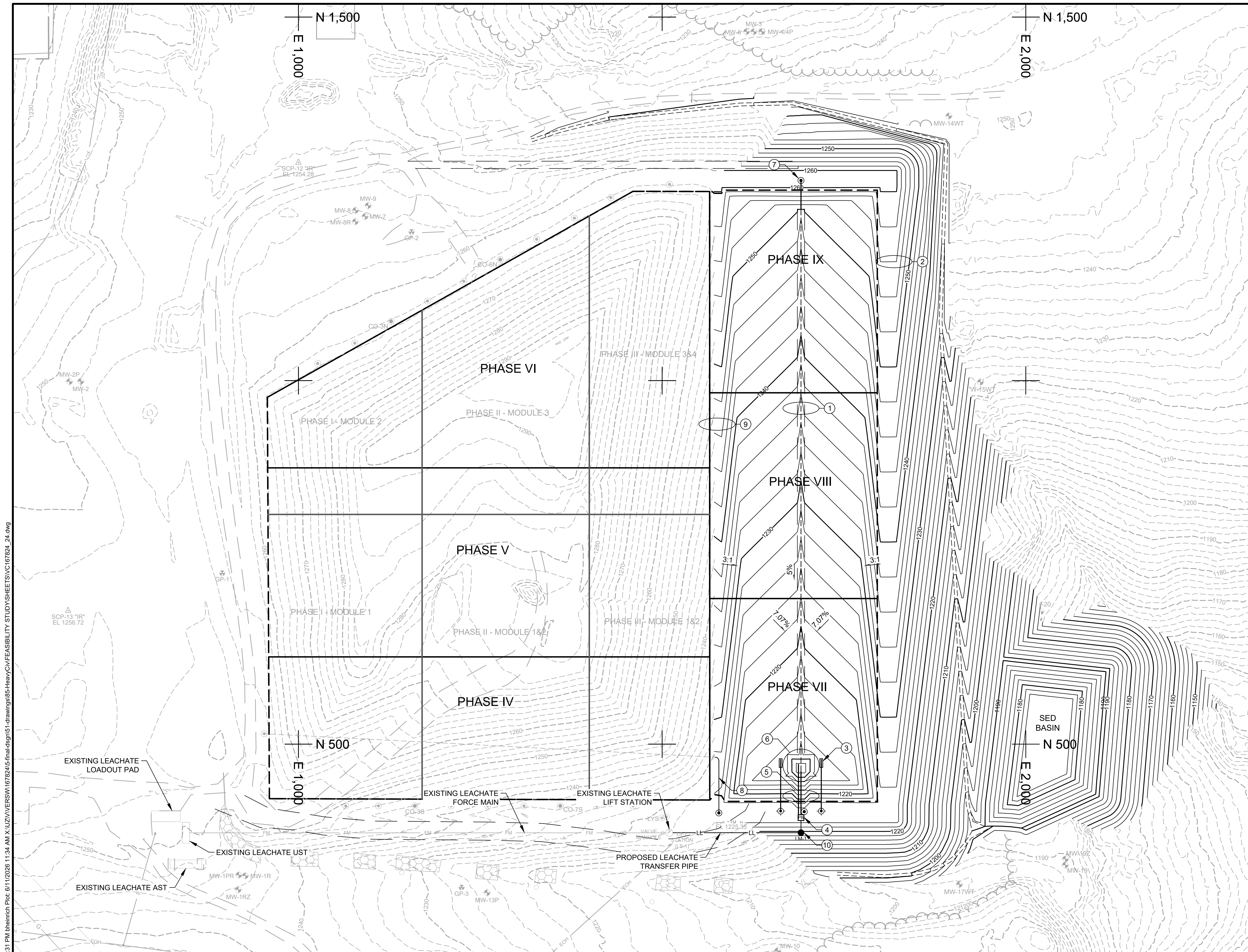


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PLANS PREPARED FOR:
VERNON COUNTY SOLID WASTE DEPT
53705 CTH LF
VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
**PHASE VII THROUGH IX CLAY
SUBBASE GRADES**

Save: 10/28/2025 2:31 PM bherrich Plot: 6/11/2026 11:34 AM X:\Z\VERSW\167824\5-final\ dgn\51-drawings\85-HeavyCiv\FEASIBILITY STUDY\SHEET\SVCI\67824_24.dwg



NOTES:

1. CONTOUR INTERVAL IS 10-FOOT MAJOR AND 2-FOOT MINOR.
2. PROPOSED CONTOURS WITHIN THE LINER LIMITS REPRESENT TOP OF 5-FOOT CLAY LINER ELEVATIONS (BASE).
3. PROPOSED CONTOURS OUTSIDE THE PHASE BOUNDARY LIMITS REPRESENT FINAL GRADE ELEVATIONS (TOP OF TOPSOIL, ETC.).

KEYNOTES:

1. LEACHATE COLLECTION TRENCH

4
31
2. PERIMETER BERM, DITCH AND OUTLET PIPE

3
35
3. LEACHATE HEAD MONITORING WELL

2
31
4. LEACHATE EXTRACTION BUILDING

3
33
5. PHASE VII LEACHATE COLLECTION SIDE SLOPE RISER TRENCH

4
32
6. PHASE VII LEACHATE COLLECTION SUMP

1
32
7. LEACHATE COLLECTION CLEANOUT RISER

1
31
8. LEACHATE CLEANOUT EXTENSION

2
34
9. COMPOSITE LINER SPLICE

7
31
10. LEACHATE MANHOLE LM-1 - PLAN

4
33

SEH Project	VERSW 167824	Rev.#	Revision Issue Description	Date
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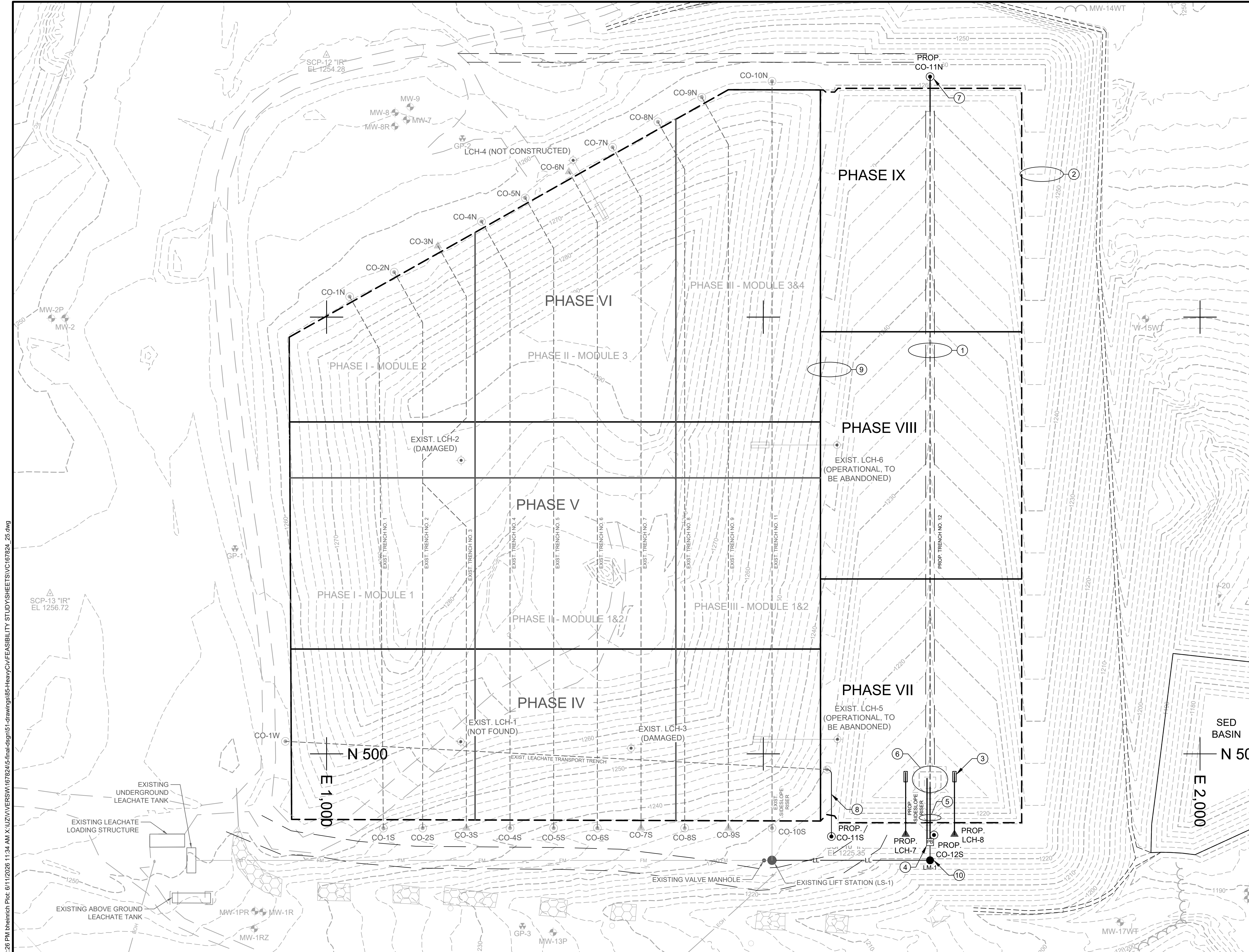


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LA CROSSE, WI 54601-4034
PHONE: 1.608.782.3161

PLANS PREPARED FOR:
VERNON COUNTY SOLID WASTE DEPT
53705 CTH LF
VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
PHASE VII THROUGH IX CLAY BASE GRADES

Save: 10/28/2025 2:25 PM bhierich Plot: 6/1/2026 11:34 AM X:\UZ\VERSW\167824\5-final\dwg\51-drawings\85-HeavyCiv\FEASIBILITY STUDY\51SHEET\SV\167824_25.dwg



- NOTES:**
1. CONTOUR INTERVAL IS 10-FOOT MAJOR AND 2-FOOT MINOR.
 2. CONTOURS WITHIN THE LINER LIMITS REPRESENT TOP OF 5-FOOT CLAY LINER ELEVATIONS (BASE).
 3. CONTOURS OUTSIDE THE PHASE BOUNDARY LIMITS REPRESENT FINAL GRADE ELEVATIONS POST EXPANSION LINER CONSTRUCTION (TOP OF TOPSOIL, ETC.).
 4. LOCATIONS OF EXISTING LEACHATE INFRASTRUCTURE INCLUDING TRENCHES, HEADWELLS, CLEANOUT, ETC. IS APPROXIMATE.

- LEGEND:**
- EXISTING LEACHATE COLLECTION LINE
 - - - PROPOSED LEACHATE COLLECTION LINE
 - ⊙ EXISTING LEACHATE CLEANOUT
 - ⦿ PROPOSED LEACHATE CLEANOUT
 - ⊕ EXISTING LEACHATE HEADWELL
 - △ PROPOSED LEACHATE HEAD MONITORING LOCATION AND CLEANOUT (CONSTRUCTED)
 - ▲ PROPOSED LEACHATE HEAD MONITORING LOCATION (FUTURE)

- KEYNOTES:**
- 1. LEACHATE COLLECTION TRENCH

4
31
 - 2. PERIMETER BERM, DITCH AND OUTLET PIPE

3
35
 - 3. LEACHATE HEAD MONITORING WELL

2
31
 - 4. LEACHATE EXTRACTION BUILDING

3
33
 - 5. PHASE VII LEACHATE COLLECTION SIDE SLOPE RISER TRENCH

4
32
 - 6. PHASE VII LEACHATE COLLECTION SUMP

1
32
 - 7. LEACHATE COLLECTION CLEANOUT RISER

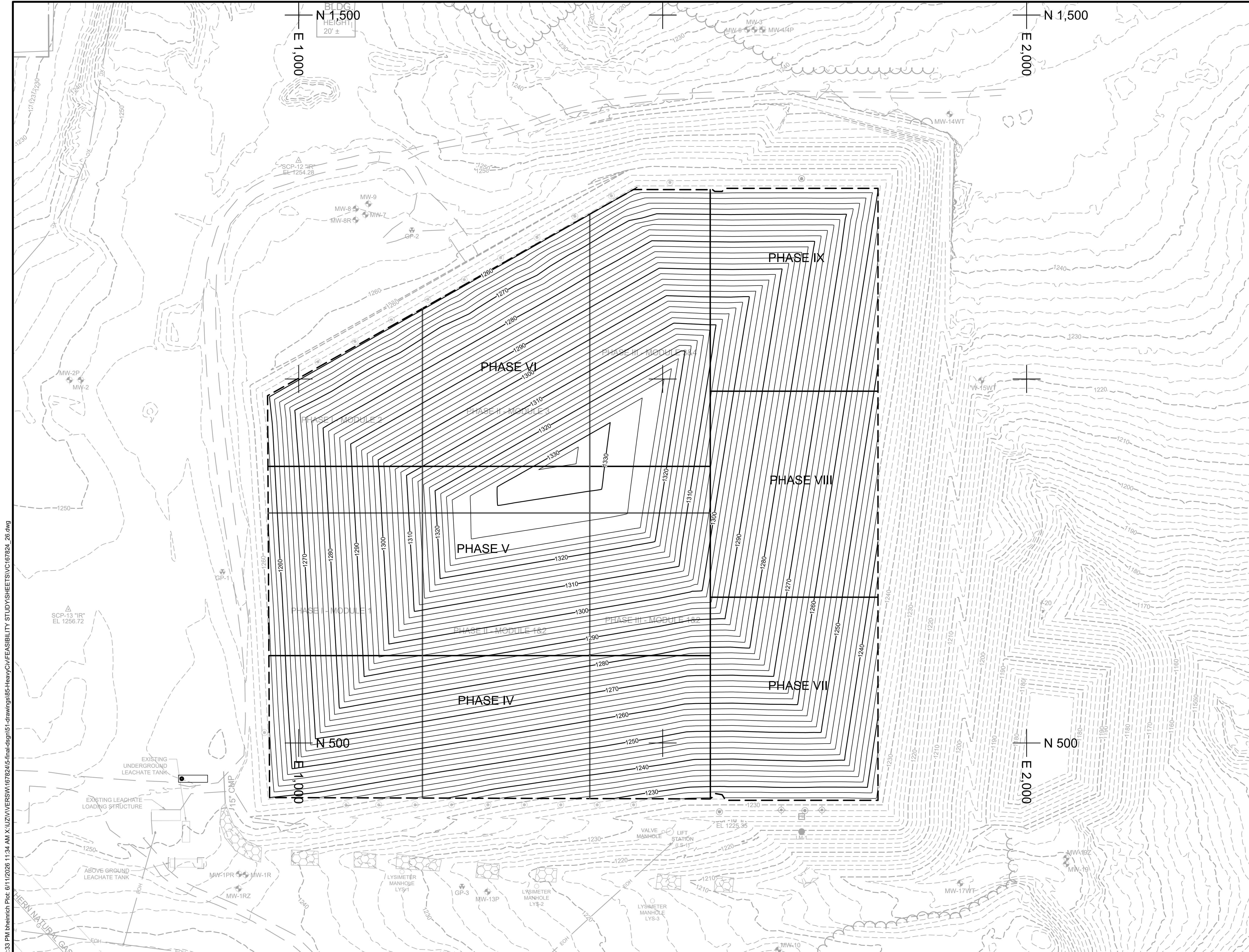
1
31
 - 8. LEACHATE CLEANOUT EXTENSION

2
34
 - 9. COMPOSITE LINER SPLICE

7
31
 - 10. LEACHATE MANHOLE LM-1 - PLAN

4
33

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- NOTES:
1. CONTOUR INTERVAL IS 10-FOOT MAJOR AND 2-FOOT MINOR.
 2. BOLD CONTOURS REPRESENT 5% OVERFILL INTERMEDIATE WASTE GRADES.
 3. GRAY CONTOURS OUTSIDE THE PHASE BOUNDARY LIMITS REPRESENT FINAL GRADE ELEVATIONS (TOP OF TOPSOIL, ETC.).

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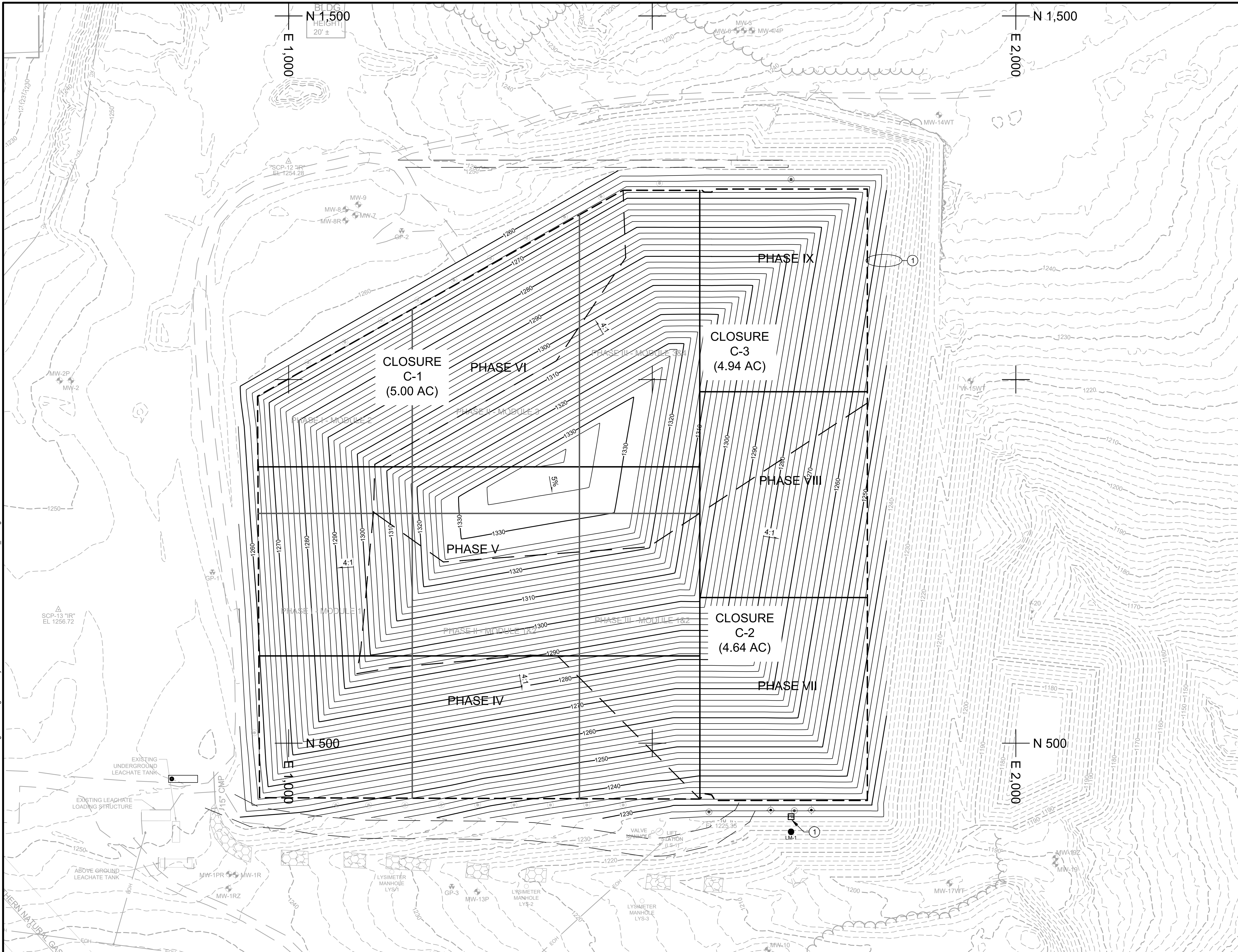


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PHONE: 1.608.782.3161

PLANS PREPARED FOR:
VERNON COUNTY SOLID WASTE DEPT
53705 CTH LF
VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
5% OVERFILL WASTE GRADES

Save: 10/28/2025 2:32 PM bhierich Plt: 6/1/2026 11:35 AM X:\UZ\VERSW\167824\5-final\dwg\51-drawings\85-HeavyCW\FEASIBILITY STUDY\SHSHEET\SV\167824_27.dwg



NOTES:

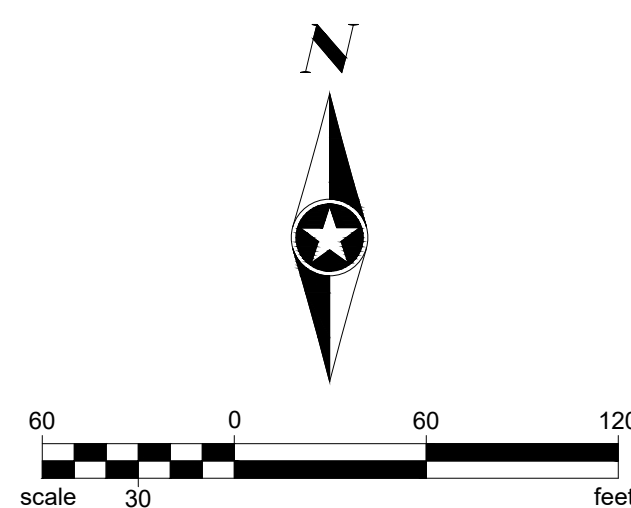
1. CONTOUR INTERVAL IS 10-FOOT MAJOR AND 2-FOOT MINOR.
2. PROPOSED CONTOURS WITHIN THE LINER LIMITS REPRESENT FINAL CLOSURE GRADES.
3. CONTOURS OUTSIDE THE PHASE BOUNDARY LIMITS REPRESENT FINAL GRADE ELEVATIONS (TOP OF TOPSOIL, ETC.).

KEYNOTES:

1. PERIMETER BERM, DITCH AND OUTLET PIPE
2. LEACHATE EXTRACTION BUILDING (PHASE VII) - SECTION

3
35

3
33



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Rev.#	Revision Issue Description	Date
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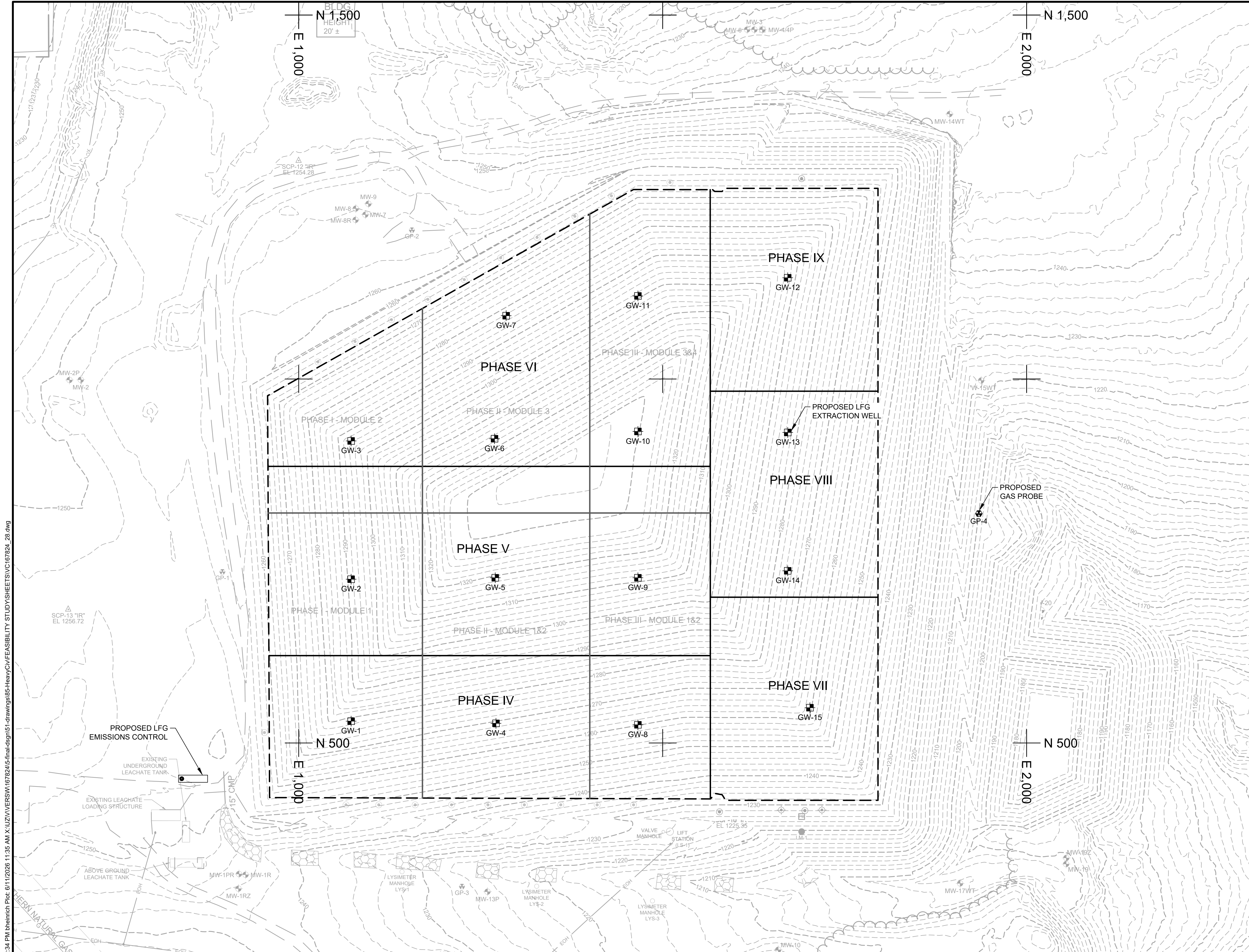


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PHONE: 1.608.782.3161

PLANS PREPARED FOR:
VERNON COUNTY SOLID WASTE DEPT
53705 CTH LF
VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
FINAL CLOSURE GRADES

Save: 10/28/2025 2:34 PM bhierich Plot: 8/1/2028 11:35 AM X:\UZ\VERSW\167824\5-final\dwg\51-drawings\85-HeavyCw\FEASIBILITY STUDY\SHSHEET\SV\167824_28.dwg



NOTES:

1. CONTOUR INTERVAL IS 10-FOOT MAJOR AND 2-FOOT MINOR.
2. CONTOURS WITHIN THE LINER LIMITS REPRESENT FINAL CLOSURE GRADES.
3. CONTOURS OUTSIDE THE PHASE BOUNDARY LIMITS REPRESENT FINAL GRADE ELEVATIONS (TOP OF TOPSOIL, ETC.).

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2	ADDENDUM NO. 1	11/19/2024
1	ISSUED FOR REGULATORY REVIEW	09/11/2023

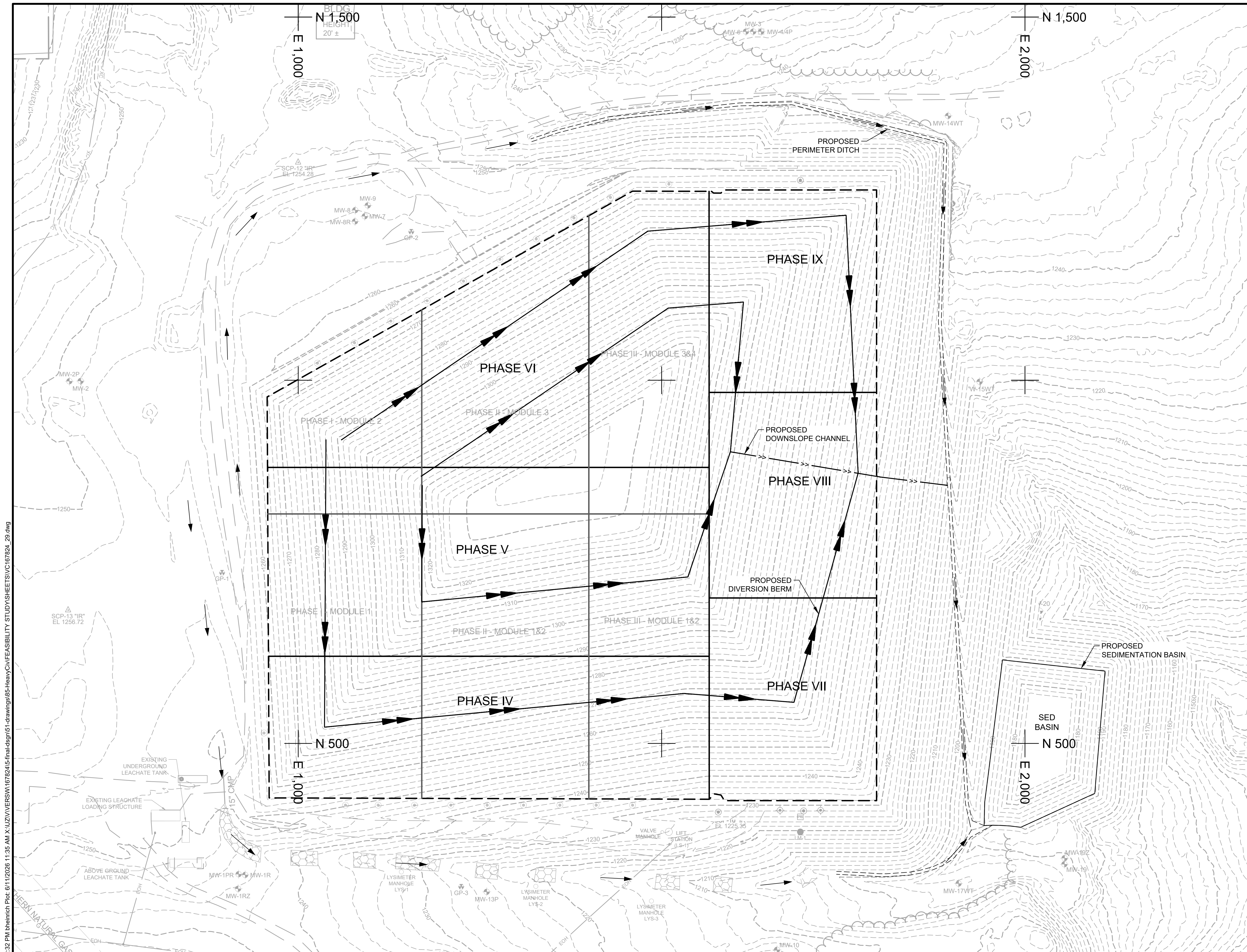


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53705 CTH LF
VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
GAS MANAGEMENT SYSTEM PLAN

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NOTES:

1. CONTOUR INTERVAL IS 10-FOOT MAJOR AND 2-FOOT MINOR.
2. CONTOURS WITHIN THE LINER LIMITS REPRESENT FINAL CLOSURE GRADES.
3. CONTOURS OUTSIDE THE PHASE BOUNDARY LIMITS REPRESENT FINAL GRADE ELEVATIONS (TOP OF TOPSOIL, ETC.).

SEH Project	VERSW 167824	Rev.#	Revision Issue Description	Date
Drawn By	NRP/BRH	3	ADDENDUM NO. 2	10/29/2025
Designed By	TTR	2	ADDENDUM NO. 1	11/19/2024
Checked By	NRP	1	ISSUED FOR REGULATORY REVIEW	09/11/2023

Rev.#	Revision Issue Description	Date
3	ADDENDUM NO. 2	10/29/2025
2	ADDENDUM NO. 1	11/19/2024
1	ISSUED FOR REGULATORY REVIEW	09/11/2023

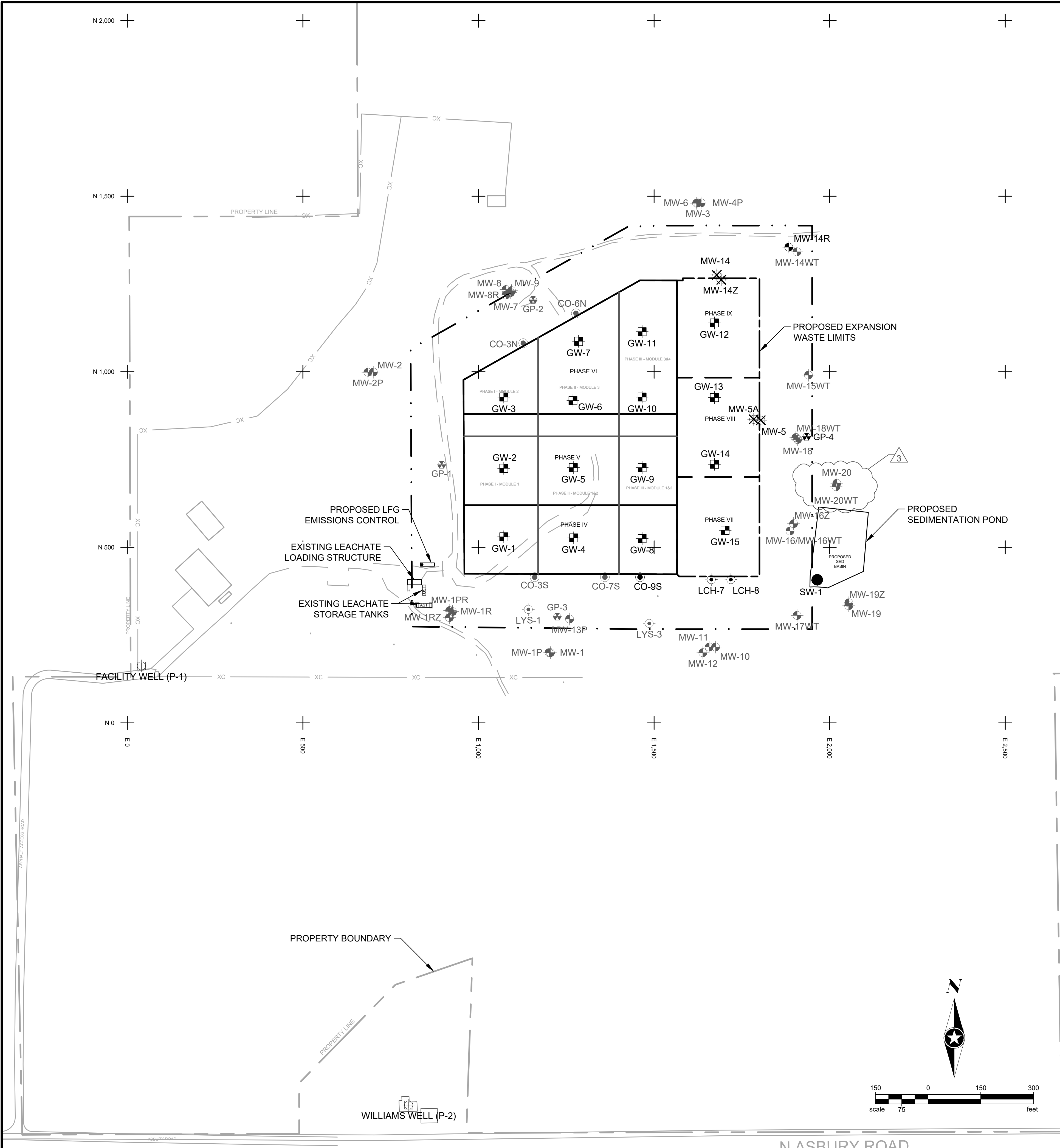


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VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
STORMWATER MANAGEMENT PLAN

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LEGEND:

EXISTING:

- GROUNDWATER MONITORING WELL
- PRIVATE GROUNDWATER WELL
- LEACHATE HEAD WELL
- CLEANOUT (HEAD WELL)
- LYSIMETER
- GAS PROBE
- GROUNDWATER MONITORING WELL
- GROUNDWATER MONITORING WELL (TO BE ABANDONED)
- LEACHATE HEAD WELL
- GAS PROBE
- LANDFILL GAS MONITORING/EXTRACTION WELL
- SURFACE WATER SAMPLING LOCATION

GENERAL:

- 150-FT DESIGN MANAGEMENT ZONE (DMZ)
- APPROXIMATE PROPERTY BOUNDARY
- EXISTING APPROVED WASTE LIMITS
- PROPOSED EXPANSION WASTE LIMITS
- PROPOSED SEDIMENTATION BASIN LIMITS
- PROPOSED FLARE LOCATION
- EXISTING LEACHATE STORAGE TANK

LFG Monitoring			
Monitoring Points	Parameters	Sample Interval	
Existing Gas Monitoring Wells GP-1 GP-2R GP-3	% Methane	Q	March, June, September, and December
	% Oxygen	Q	
	Field Temperature	Q	
	Barometric Pressure	Q	
	Barometric Pressure Trend	Q	
	Barometric Pressure Trend	Q	
Proposed Gas Monitoring Wells GP-4	% Methane	Q	March, June, September, and December
	% Oxygen	Q	
	Field Temperature	Q	
	Barometric Pressure	Q	
	Barometric Pressure Trend	Q	
	Barometric Pressure Trend	Q	
Proposed LFG Extraction Wells GW-1 GW-6 GW-12 GW-2 GW-7 GW-13 GW-3 GW-8 GW-14 GW-4 GW-9 GW-15 GW-5 GW-10 GW-11	Header Pressure in Water Column	M	March, June, September, and December
	% Methane	Q	
	% Oxygen	Q	
	Field Temperature	Q	
	Flow Rate	Q	
	Flow Rate	Q	
Proposed LFG System Blower Inlet Blower Outlet	% Methane	Mx2	Twice Monthly
	% Oxygen	Mx2	
	% Carbon Dioxide	Mx2	
	% Nitrogen	Mx2	
	Vacuum (in H2O)	Mx2	
	Pressure	Mx2	
	Field Temperature	Mx2	
	Flow Rate	Mx2	
	Flow Rate	Mx2	
Flare	Head Pressure (in H2O)	Mx2	Twice Monthly
	Flow Rate	Mx2	

Operation and Maintenance Activities		
Location	Inspection Schedule	Maintenance Schedule
Cover Vegetation	Semi-Annually	Maintain Healthy Vegetative Growth, Repair as Necessary
Cover Vegetation	Annually	Mow Cover
Runoff Control Structures	Semi-Annually	Inspect for Erosion and Sedimentation, Repair as Necessary
Cap Settlement	Semi-Annually	Check for Cap Settlement, Repair as Necessary
Road Repair	Semi-Annually	Inspect Roads, Repair as Necessary
Gas Extraction System	Monthly	Inspect Wells, Blower, Piping, etc.
Leachate Collection System	Semi-Annually	Inspect Lift Station, Pumps, Tank, Loading Structure, Cleanout Riser, etc.
Leachate Collection System	Annually	Clean out Leachate Lines
Lysimeters	Semi-Annually	Inspect Sampling Ports and Manholes
Groundwater Monitoring Wells	Semi-Annually	Inspect Surface Seal, Protective Casing/Cover, Lock, Well Casing, Labels, Cap, Bailor Fit, etc.
Groundwater Monitoring Wells	Annually	Measure Well Depth

Groundwater Monitoring Wells/Piezometers					
Well ID			Parameters		Sample Interval
Existing Wells			Groundwater Elevation	SA	March & September
MW-1	MW-6	MW-14 ¹	Field pH	SA	
MW-1R	MW-7	MW-14Z ¹	Field Conductivity	SA	SA
MW-1R2	MW-8R	MW-14WT	Field Temperature	SA	
MW-3	MW-10	MW-18	Diss. Alkalinity	SA	SA
MW-4P	MW-11		Diss. Chloride	SA	
MW-5 ¹	MW-13P		Total Hardness	SA	SA
M-19	MW-19Z		Color, Odor, Turbidity	SA	
Proposed Wells ²			Dissolved Iron	SA	SA
MW-14R			VOCs	A	
Existing Wells			Groundwater Elevation	SA	March & September
MW-1P	MW-2	MW-2P	Field pH	SA	
MW-15WT	MW-16WT	MW-20WT	Field Conductivity	SA	SA
			Field Temperature	SA	
			Color, Odor, Turbidity	SA	SA
Subsidiary Wells			Groundwater Elevation	SA	
MW-1PR	MW-9	MW-17WT	Field pH	SA	March & September
MW-5A ¹	MW-12		Field Conductivity	SA	
			Field Temperature	SA	SA
			Diss. Alkalinity	SA	
			Diss. Chloride	SA	SA
			Total Hardness	SA	
			Color, Odor, Turbidity	SA	SA
			Dissolved Iron	SA	
			VOCs	SA	SA
Proposed to be Abandoned Wells					
MW-5	MW-14	MW-14Z			SA
MW-5A					
1. To be abandoned due to proposed expansion construction. The well will continue to be monitored until abandonment is necessary.					
2. Proposed replacement monitoring wells to be installed when existing monitoring wells MW-14 and MW-14Z are abandoned due to proposed expansion construction.					
Private Wells					
Well ID			Parameters		Sample Interval
Facility Well (P-1) Williams Well (P-2)			Field pH	SA	March & September
			Field Conductivity	SA	
			Field Temperature	SA	SA
			Color, Odor, Turbidity	SA	
			Diss. Alkalinity	SA	SA
			Diss. Chloride	SA	
			Total Hardness	SA	SA
			VOCs	SA	

Leachate			
Monitoring Points	Parameters	Sample Interval	
<u>Leachate Head Wells</u> CO-3S CO-3N LCH-5 CO-7S CO-6N LCH-6 <u>Proposed Leachate Head Wells</u> LCH-7 LCH-8 CO-9S	Leachate Volume Pumped	M	Monthly
	Leachate Elevation	M	
	Leachate Depth	M	
<u>Proposed to be Abandoned Head Wells</u> LCH-5 LCH-6			
Leachate Storage Tank	Leachate Volume Pumped	M	Monthly
	BOD	SA	March & September
	Total Ammonia Nitrogen	SA	
	Field pH	SA	
	Field Conductivity	SA	
	Total Alkalinity	SA	
	Total Chloride	SA	
	Total Suspended Solids	SA	
	Total Hardness	SA	
	Total Sulfate	SA	
	Total Sodium	SA	
	Total Cadmium	SA	
	Total Iron	SA	
	Total Lead	SA	
	Total Manganese	SA	
	Total Mercury	SA	
	Total Kjeldahl Nitrogen	SA	
	Color, Odor, Turbidity	SA	
	VOCs	SA	
	SVOCs	A	September

Lysimeters				
Monitoring Points		Parameters	Sample Interval	
Lys-1 Lys-3		Lysimeter Discharge (gallons)	M	Monthly
		Depth to Liquid	M	
		Liquid Elevation	SA	March & September
		Field pH	SA	
		Field Conductivity	SA	
		Total Alkalinity	SA	
		Total Chloride	SA	
		Total Hardness	SA	
		Total Sodium	SA	
		Total Sulfate	SA	
		Total Kjeldahl Nitrogen	SA	
		Color, Odor, Turbidity	SA	
		VOCs	A	September
		SVOCs	A	

Surface Water Monitoring			
Monitoring Points	Parameters		Sample Interval
Sedimentation Basin (SW-1)	Surface Water Elevation	SA	March & September
	Dissolved Oxygen	SA	
	Field pH	SA	SA
	Field Conductivity	SA	
	Field Temperature	SA	SA
	Total Alkalinity	SA	
	Total Chloride	SA	SA
	Total Hardness	SA	
	Total Iron	SA	SA
	Filtered Nitrate	SA	
	Total Phosphorous	SA	SA
	Color, Odor, Turbidity	SA	

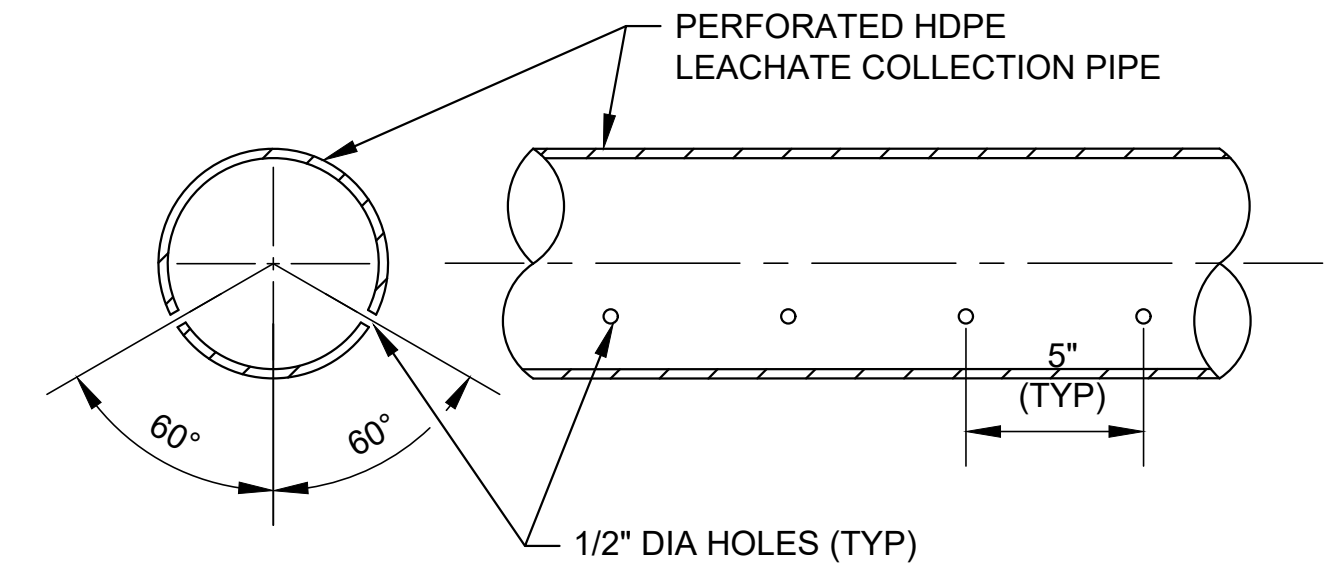
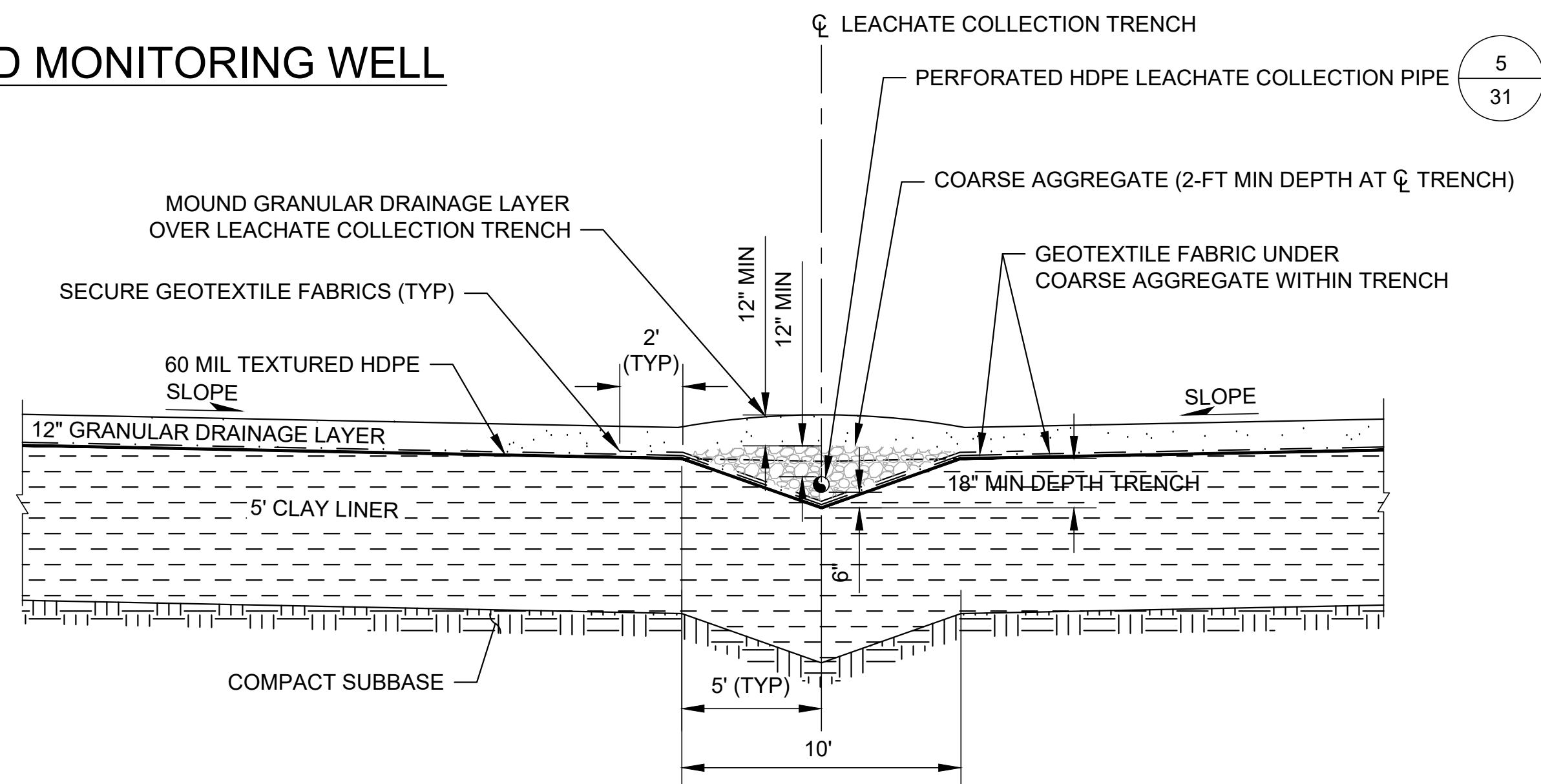
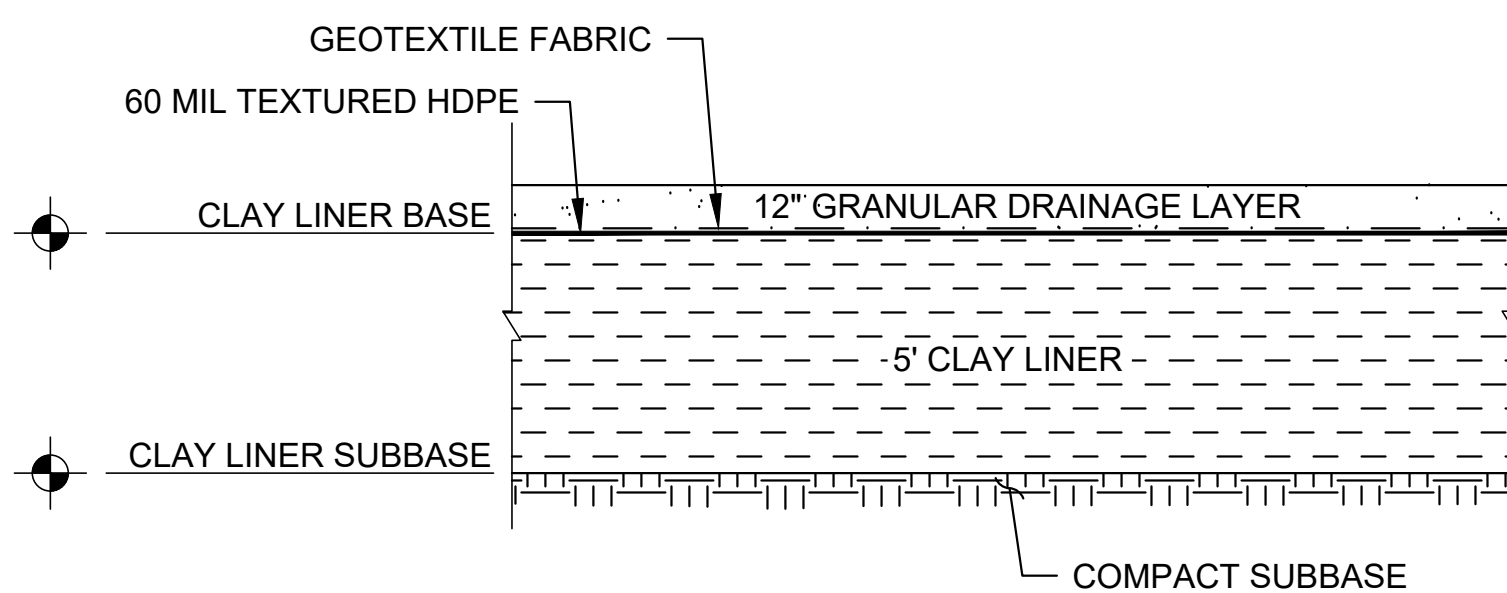
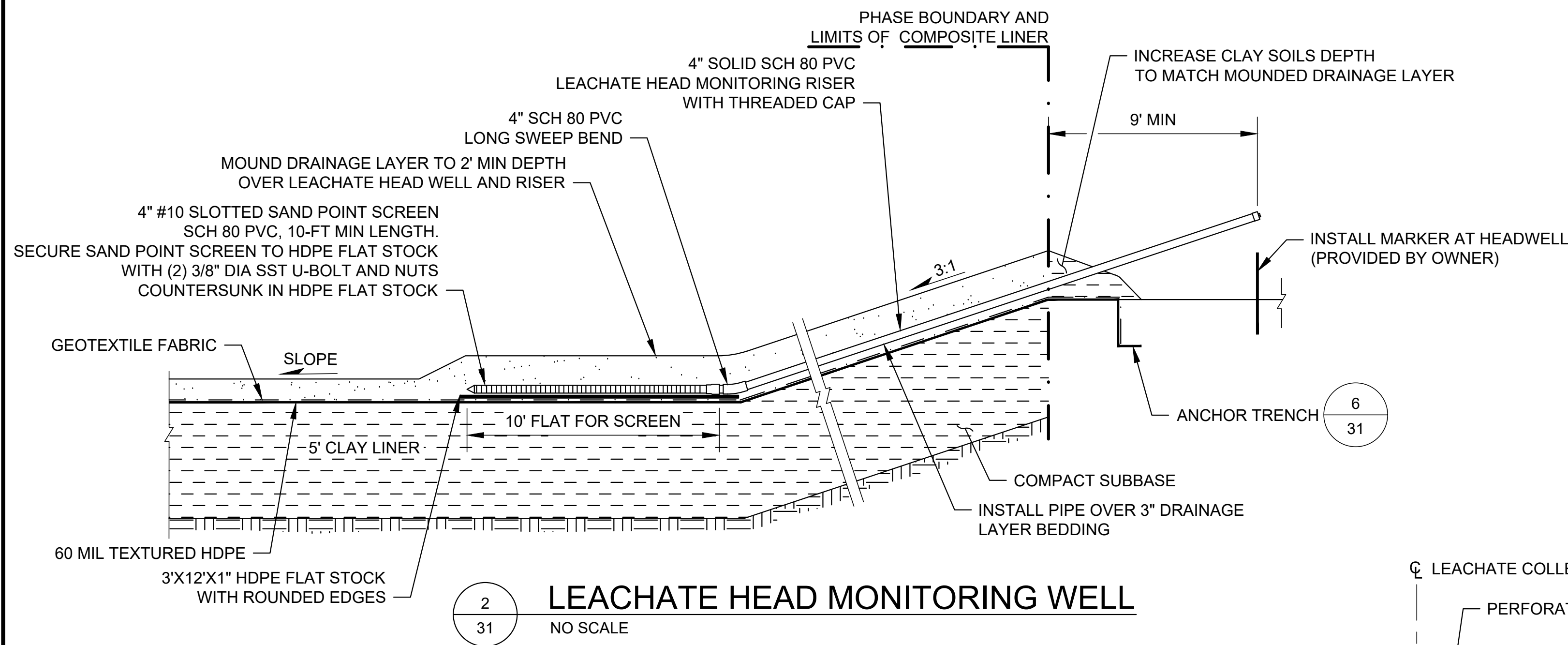
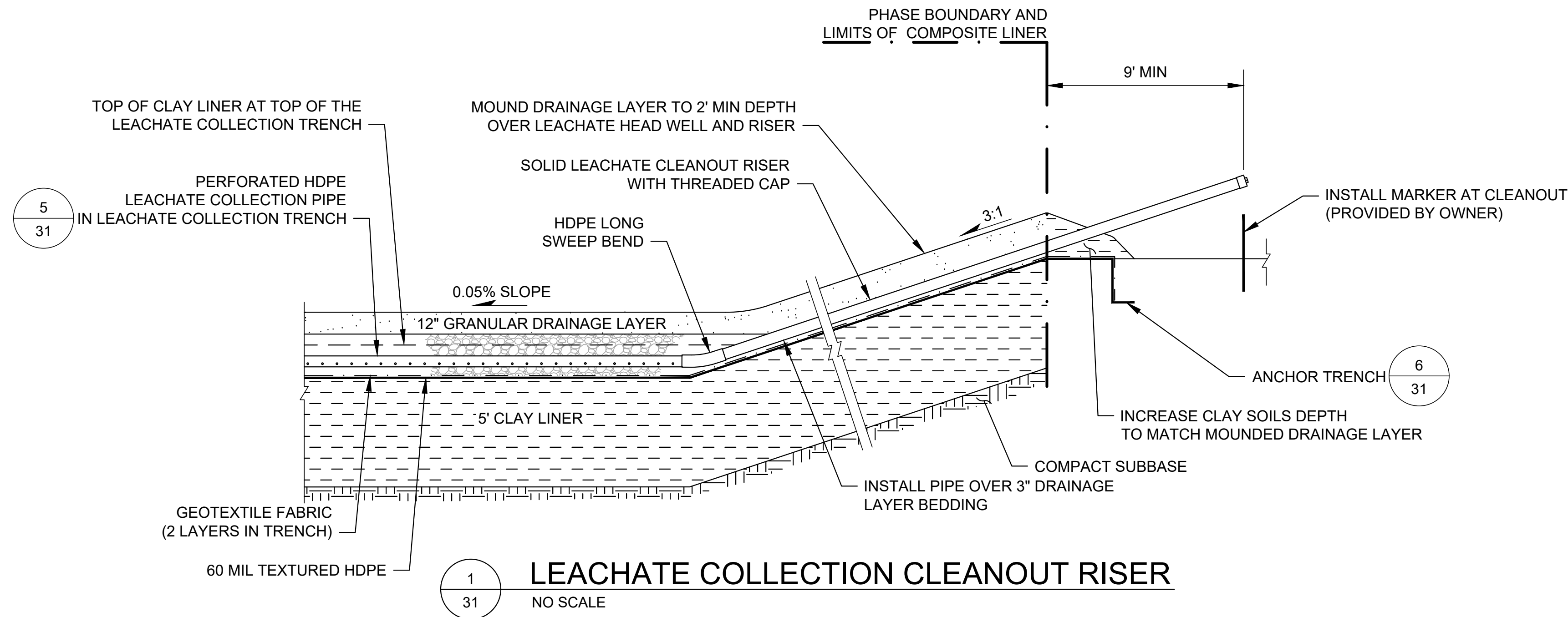
SEH Project	VERSW 167824	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date
Drawn By	NRP/BRH	3	ADDENDUM NO. 2	10/29/2025			
Designed By	TTR	2	ADDENDUM NO. 1	11/19/2024			
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53705 CTH LF
VIROQUA, WISCONSIN

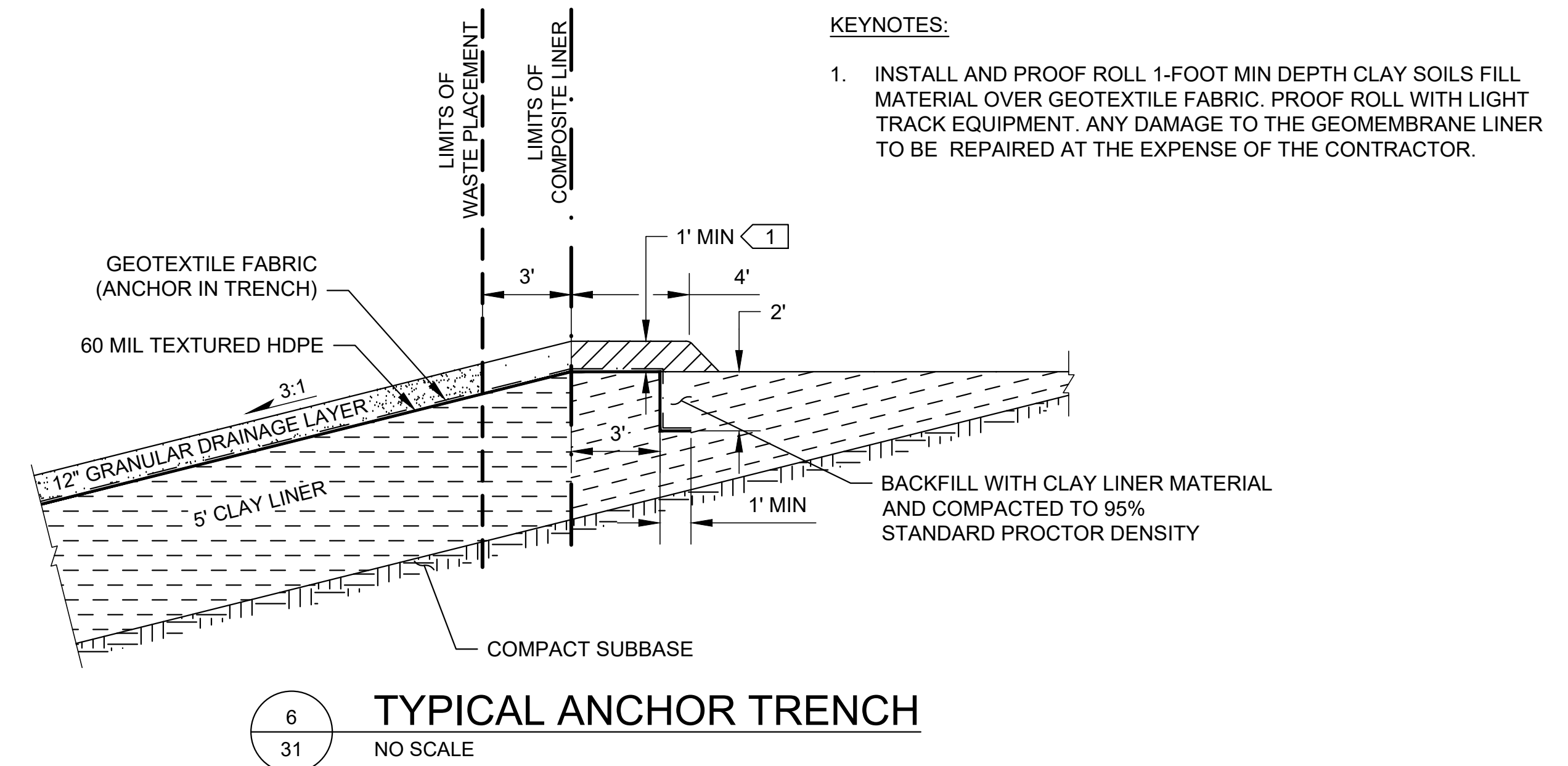
VERNON COUNTY LANDFILL
FEASIBILITY STUDY
ENVIRONMENTAL MONITORING PLAN

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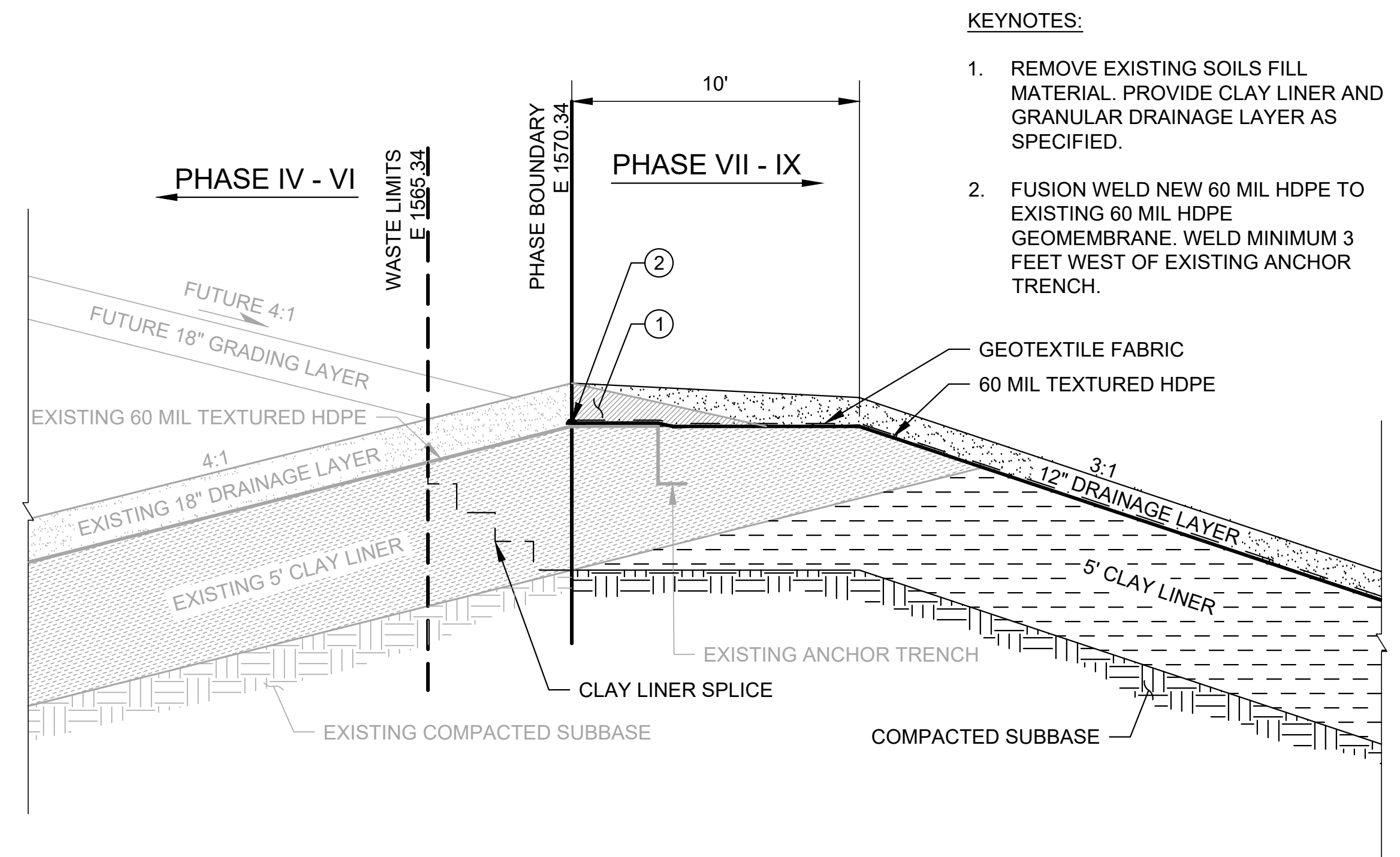
NOTES:

- SPACING BETWEEN HOLES TO BE 5" APART.
- INSTALL LEACHATE COLLECTION PIPE WITH HOLES DOWN AS SHOWN.



KEYNOTES:

- INSTALL AND PROOF ROLL 1-FOOT MIN DEPTH CLAY SOILS FILL MATERIAL OVER GEOTEXTILE FABRIC. PROOF ROLL WITH LIGHT TRACK EQUIPMENT. ANY DAMAGE TO THE GEOMEMBRANE LINER TO BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.



KEYNOTES:

- REMOVE EXISTING SOILS FILL MATERIAL. PROVIDE CLAY LINER AND GRANULAR DRAINAGE LAYER AS SPECIFIED.
- FUSION WELD NEW 60 MIL HDPE TO EXISTING 60 MIL HDPE GEOMEMBRANE. WELD MINIMUM 3 FEET WEST OF EXISTING ANCHOR TRENCH.

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Designed By	TTR	2	ADDENDUM NO. 1	11/19/2024			
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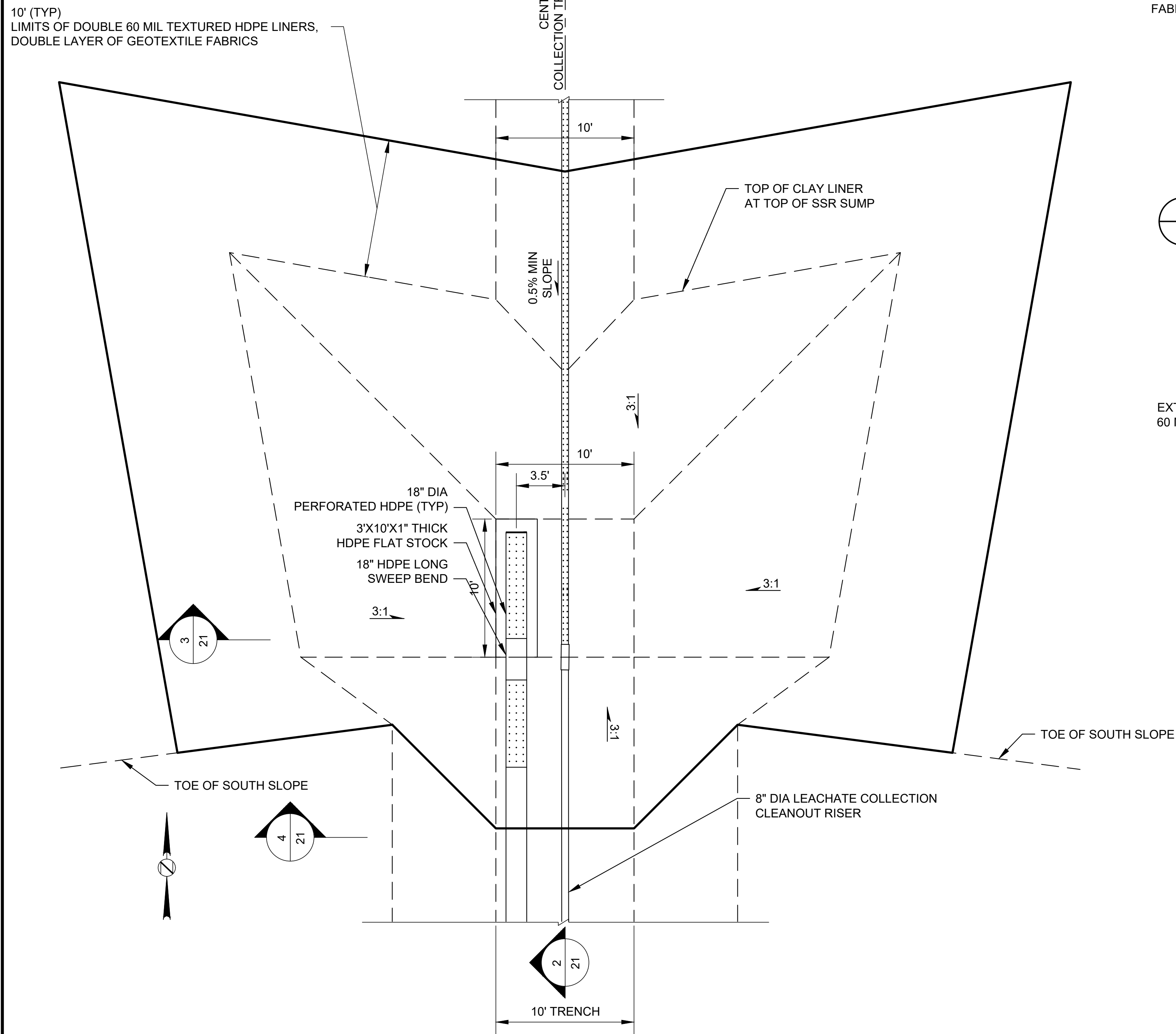


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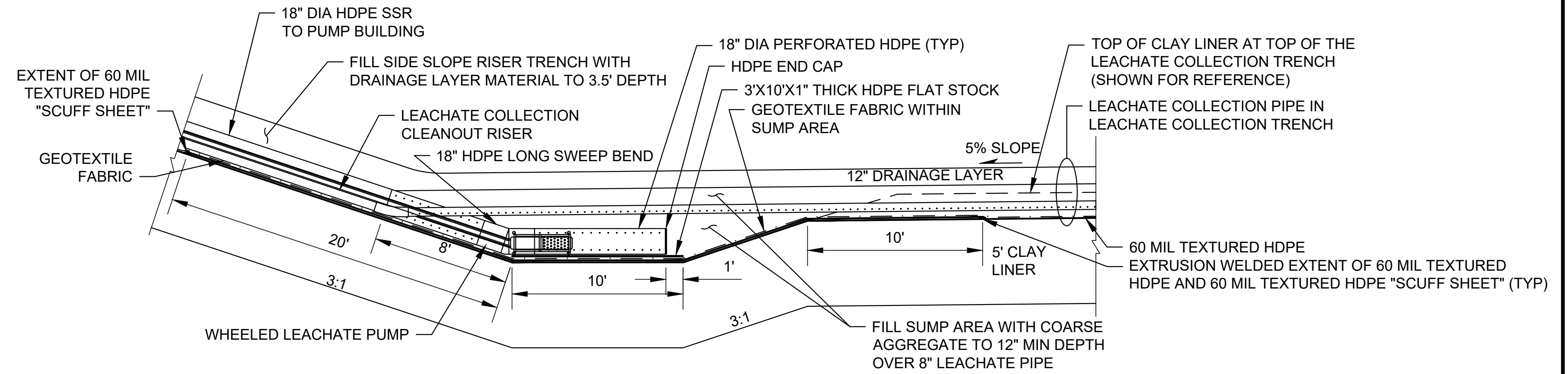
PLANS PREPARED FOR:
VERNON COUNTY SOLID WASTE DEPT
53705 CTH LF
VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
DETAILS - 1

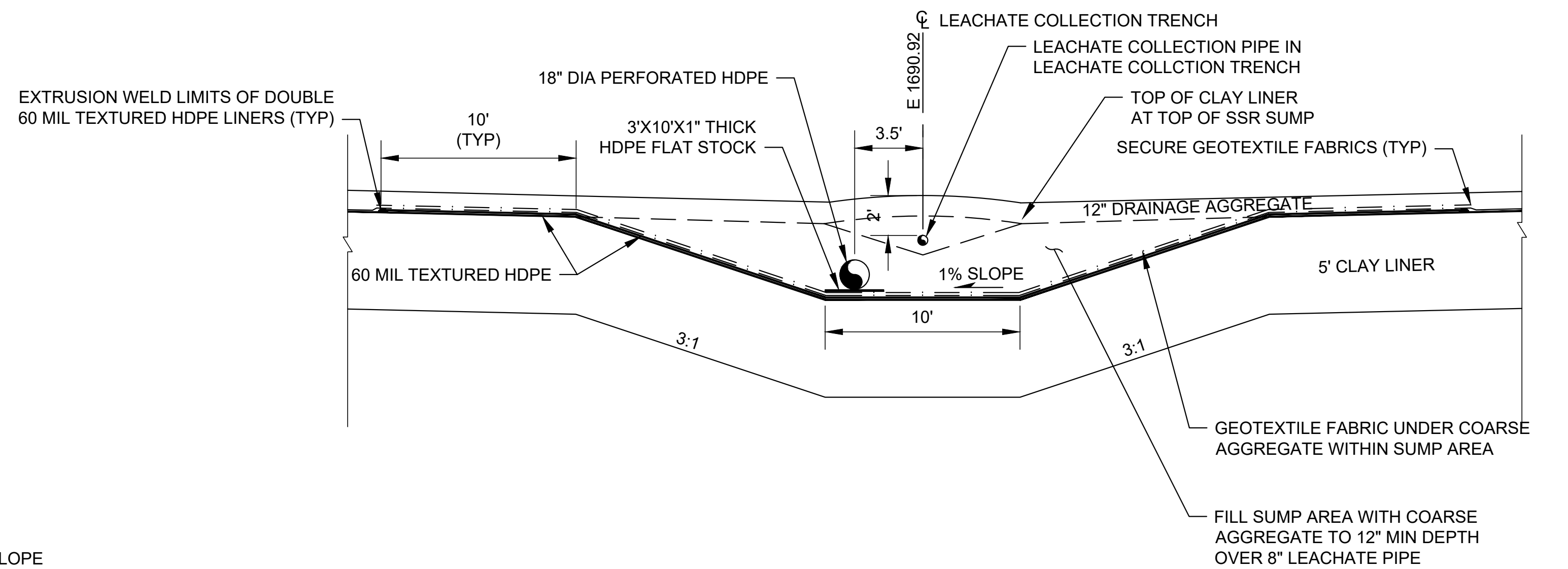
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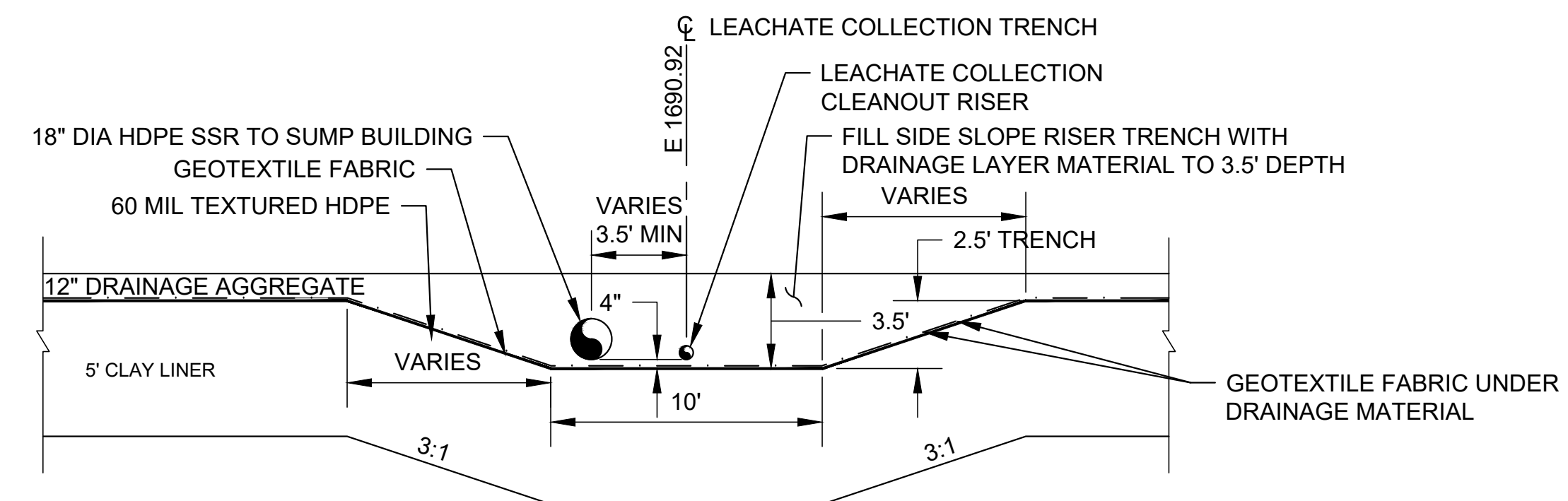
1
32
PHASE VII LEACHATE COLLECTION SIDE SLOPE RISER SUMP
NO SCALE



2
32
PHASE VII LEACHATE COLLECTION SIDE SLOPE RISER SUMP - SECTION
NO SCALE



3
32
PHASE VII LEACHATE COLLECTION SIDE SLOPE RISER SUMP - SECTION
NO SCALE



4
32
PHASE VII SIDE SLOPE RISER TRENCH - SECTION
NO SCALE

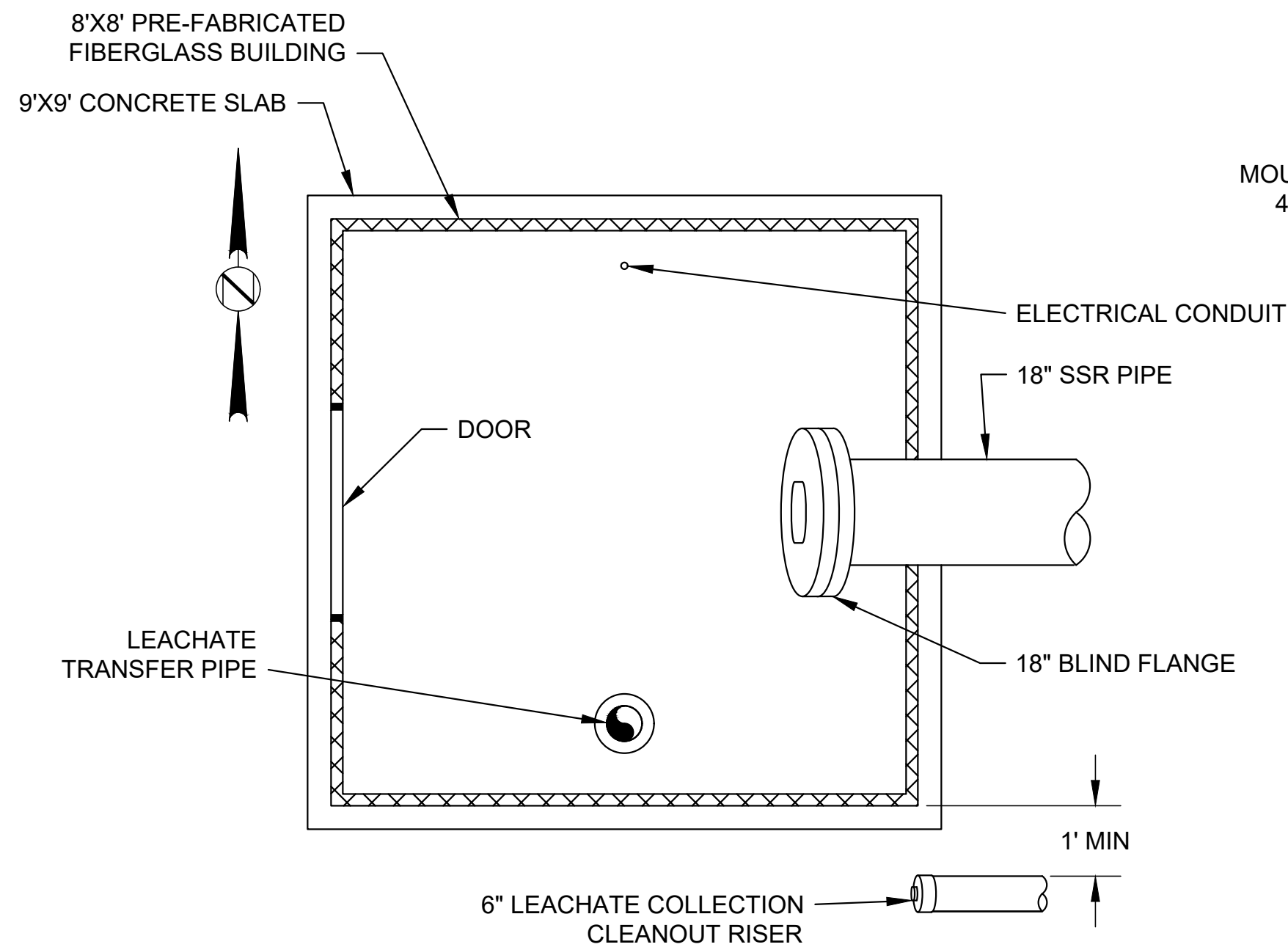
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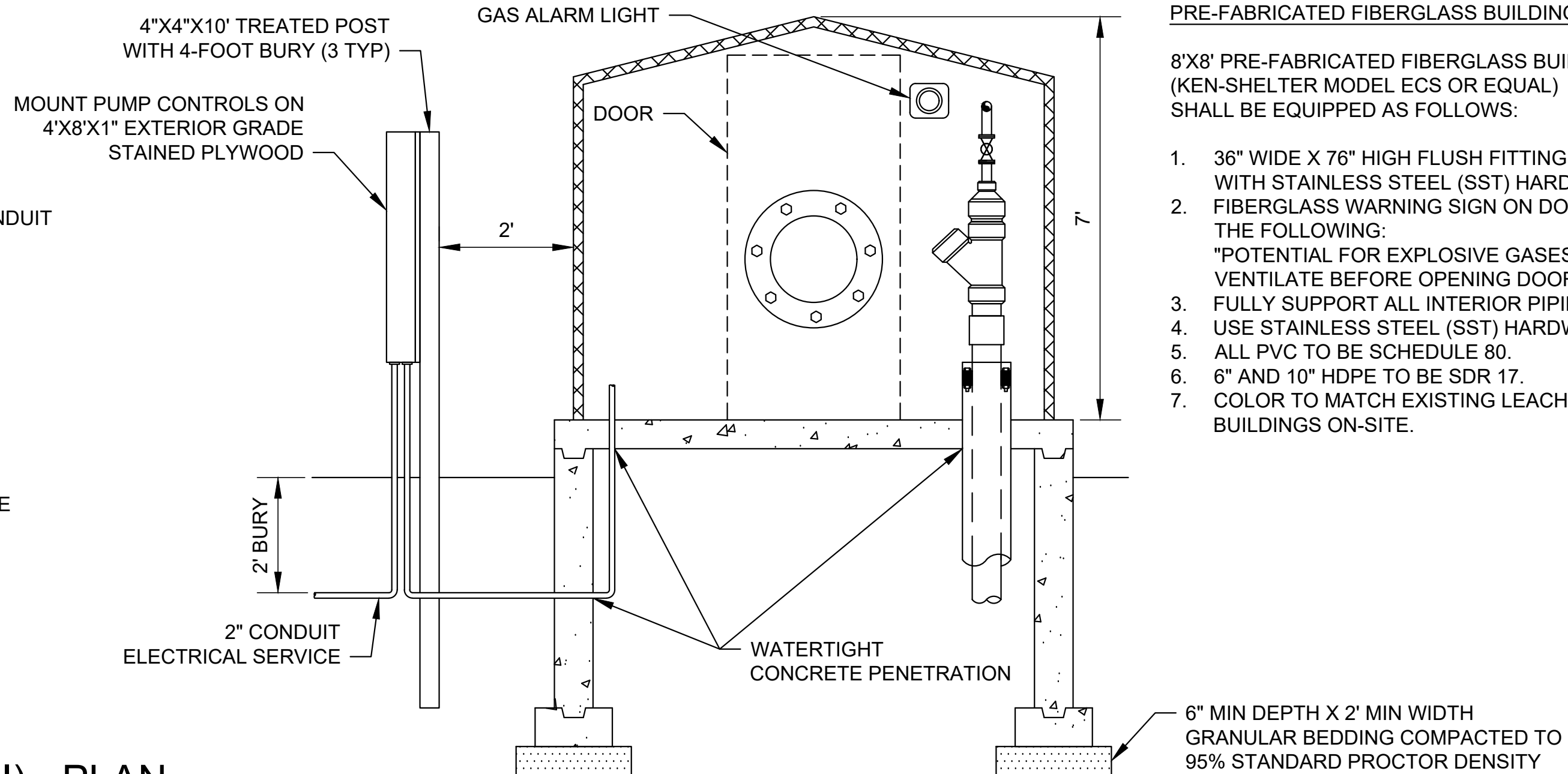
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VIROQUA, WISCONSIN

VERNON COUNTY LANDFILL
FEASIBILITY STUDY
DETAILS - 2

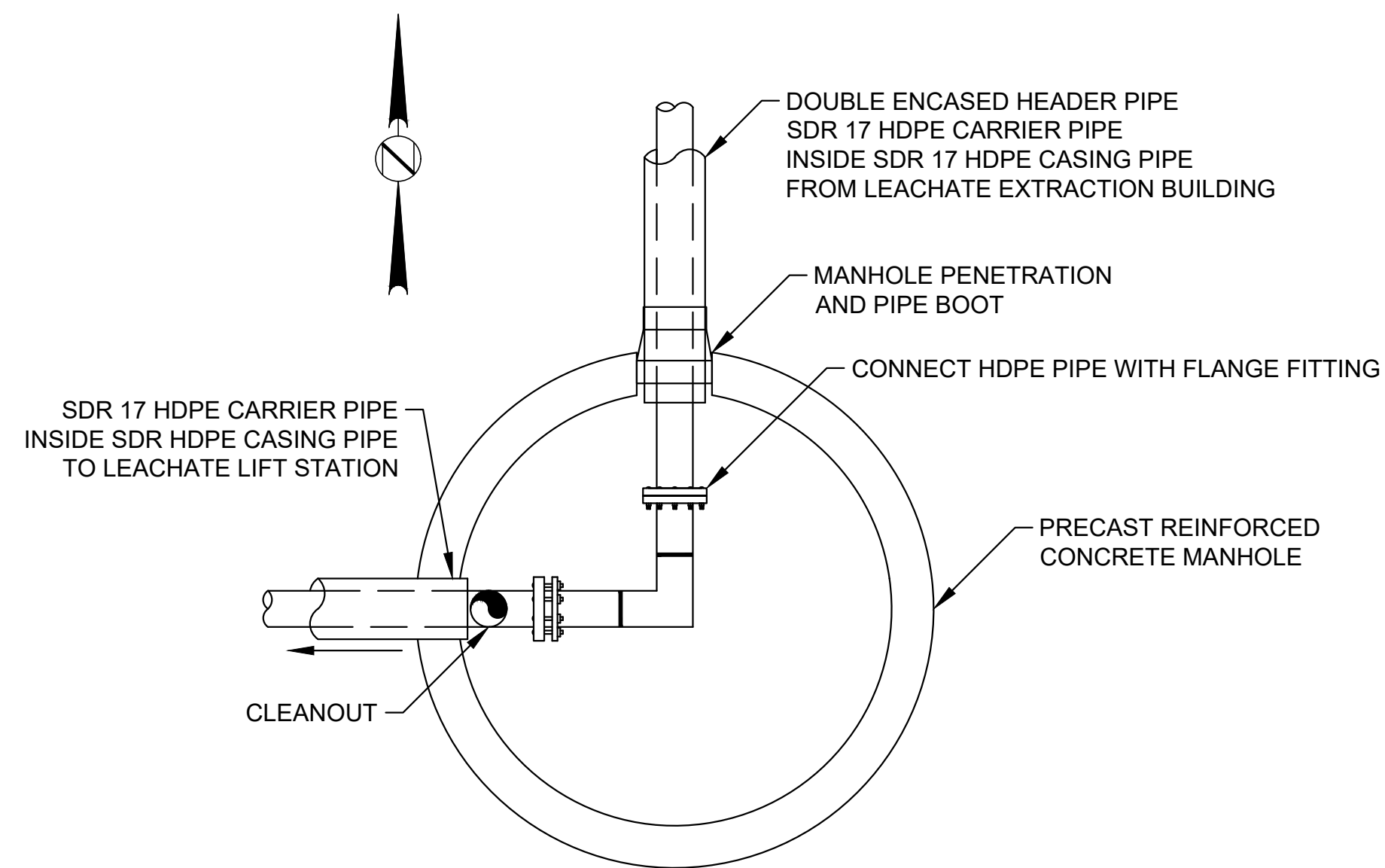


1
33
LEACHATE EXTRACTION BUILDING (PHASE VII) - PLAN
NO SCALE

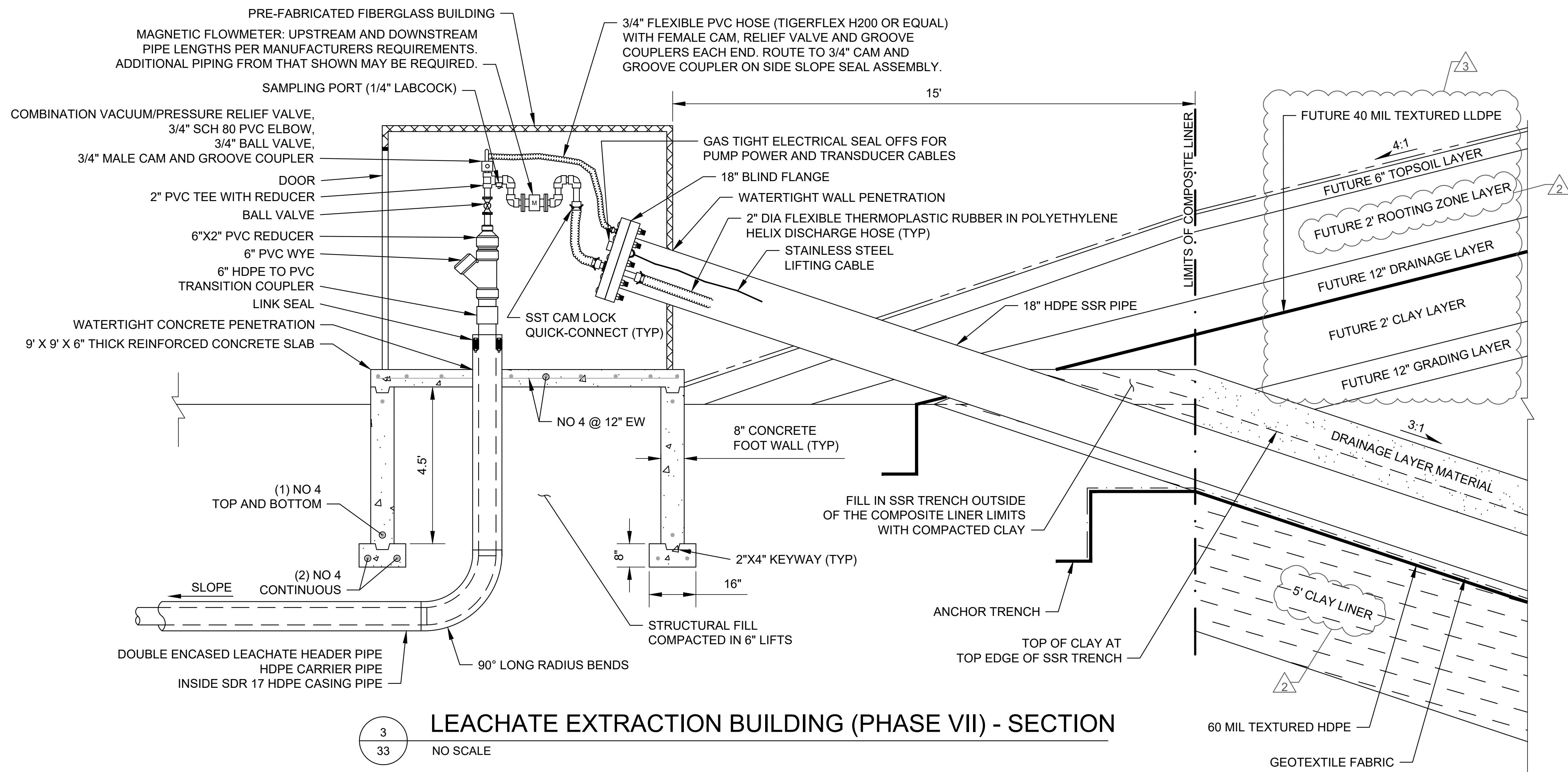


2
33
LEACHATE EXTRACTION BUILDING (PHASE VII) - SECTION
NO SCALE

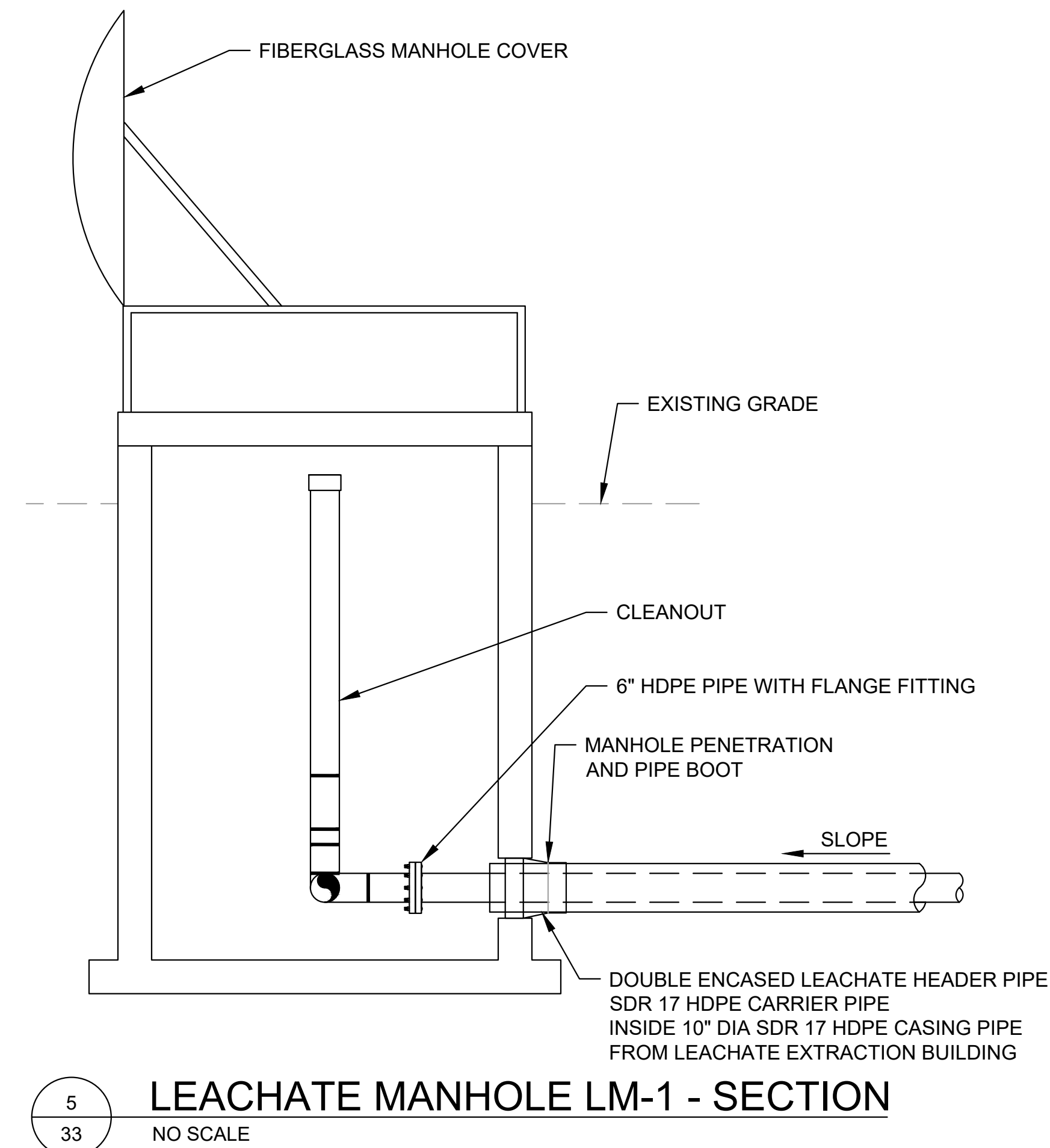
- PRE-FABRICATED FIBERGLASS BUILDING NOTES:**
- 8'X8' PRE-FABRICATED FIBERGLASS BUILDING (KEN-SHELTER MODEL ECS OR EQUAL) SHALL BE EQUIPPED AS FOLLOWS:
- 36" WIDE X 76" HIGH FLUSH FITTING DOOR WITH STAINLESS STEEL (SST) HARDWARE.
 - FIBERGLASS WARNING SIGN ON DOOR WITH THE FOLLOWING:
"POTENTIAL FOR EXPLOSIVE GASES VENTILATE BEFORE OPENING DOOR"
 - FULLY SUPPORT ALL INTERIOR PIPING.
 - USE STAINLESS STEEL (SST) HARDWARE.
 - ALL PVC TO BE SCHEDULE 80.
 - 6" AND 10" HDPE TO BE SDR 17.
 - COLOR TO MATCH EXISTING LEACHATE BUILDINGS ON-SITE.



4
33
LEACHATE MANHOLE LM-1 - PLAN
NO SCALE

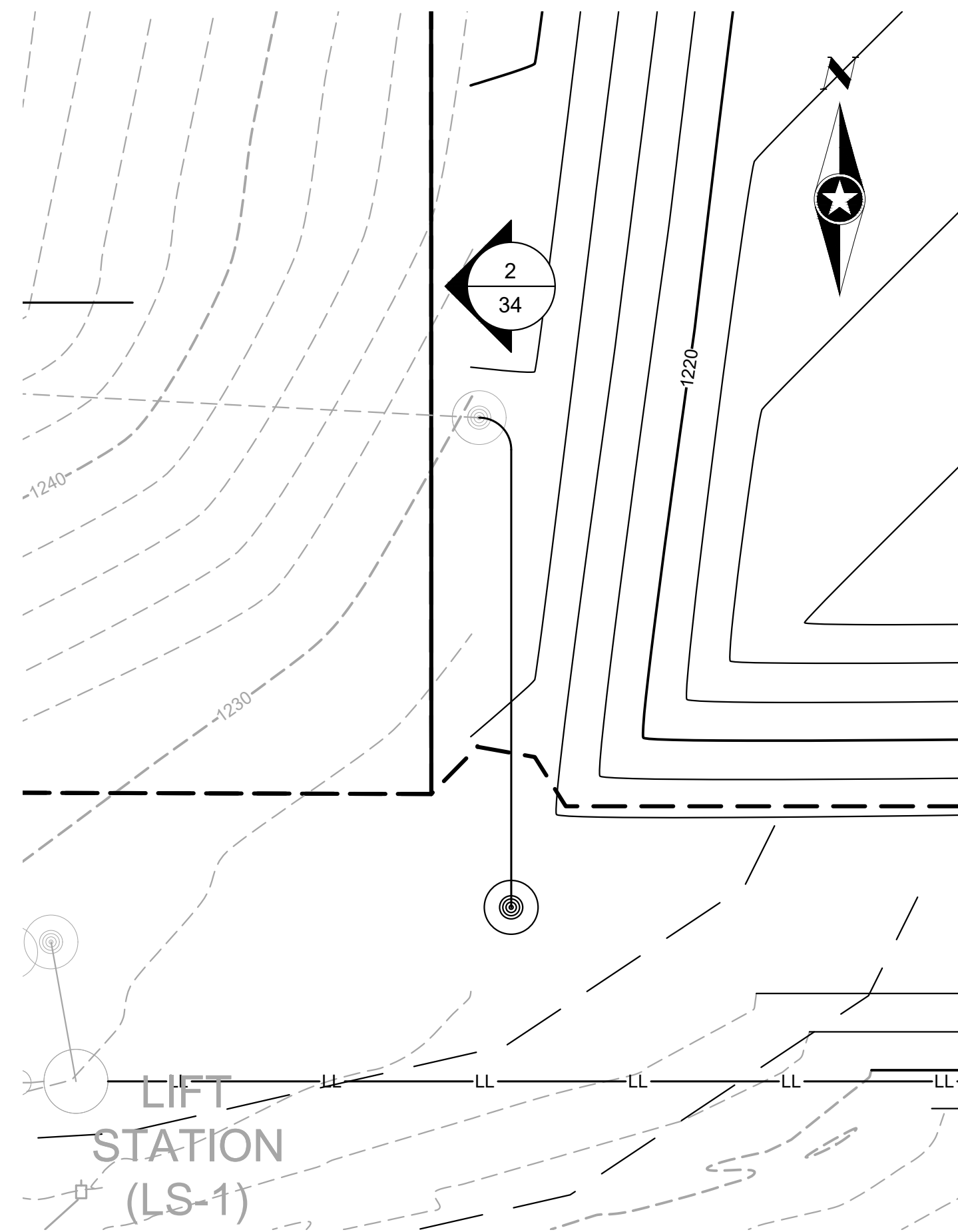


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LEACHATE EXTRACTION BUILDING (PHASE VII) - SECTION
NO SCALE

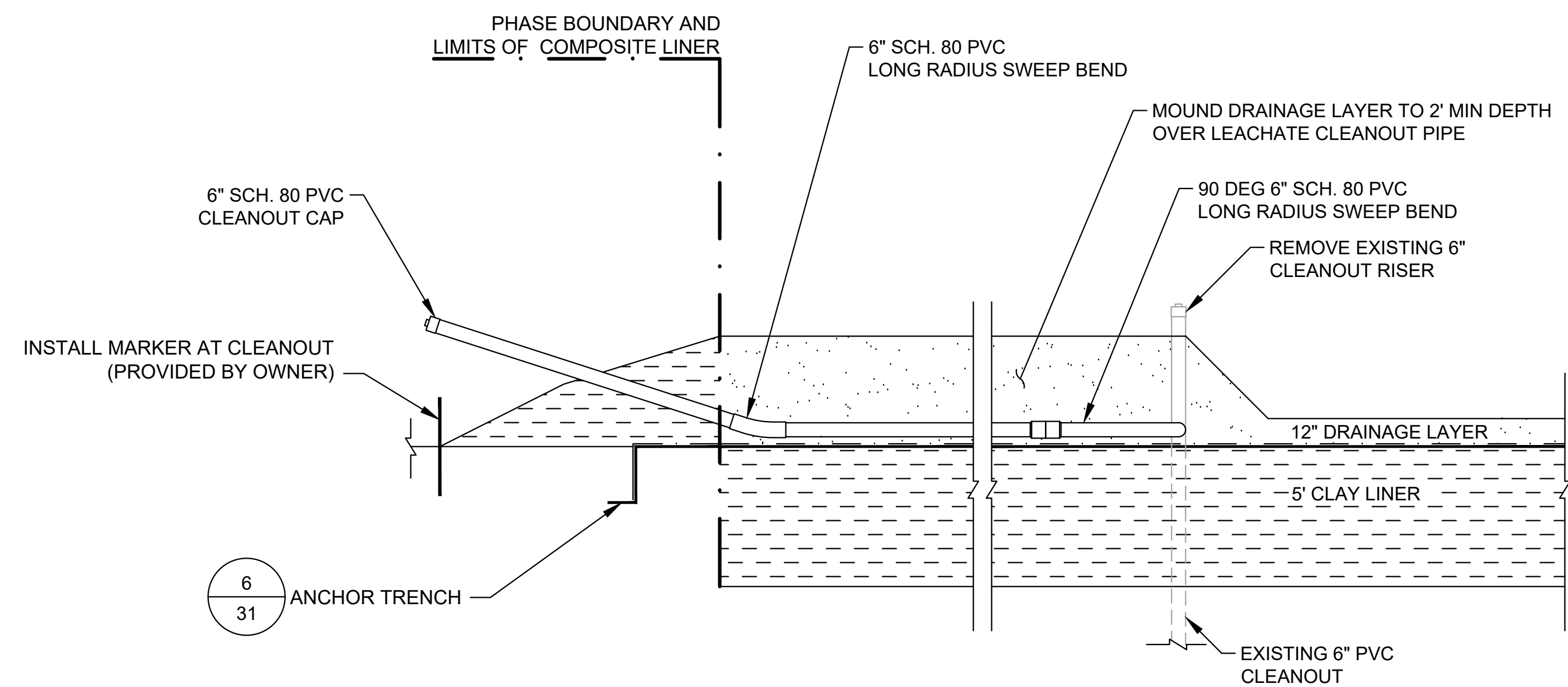


5
33
LEACHATE MANHOLE LM-1 - SECTION
NO SCALE

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1
34
LEACHATE CLEANOUT EXTENSION - PLAN
NO SCALE



2
34
LEACHATE CLEANOUT EXTENSION - CROSS SECTION
NO SCALE

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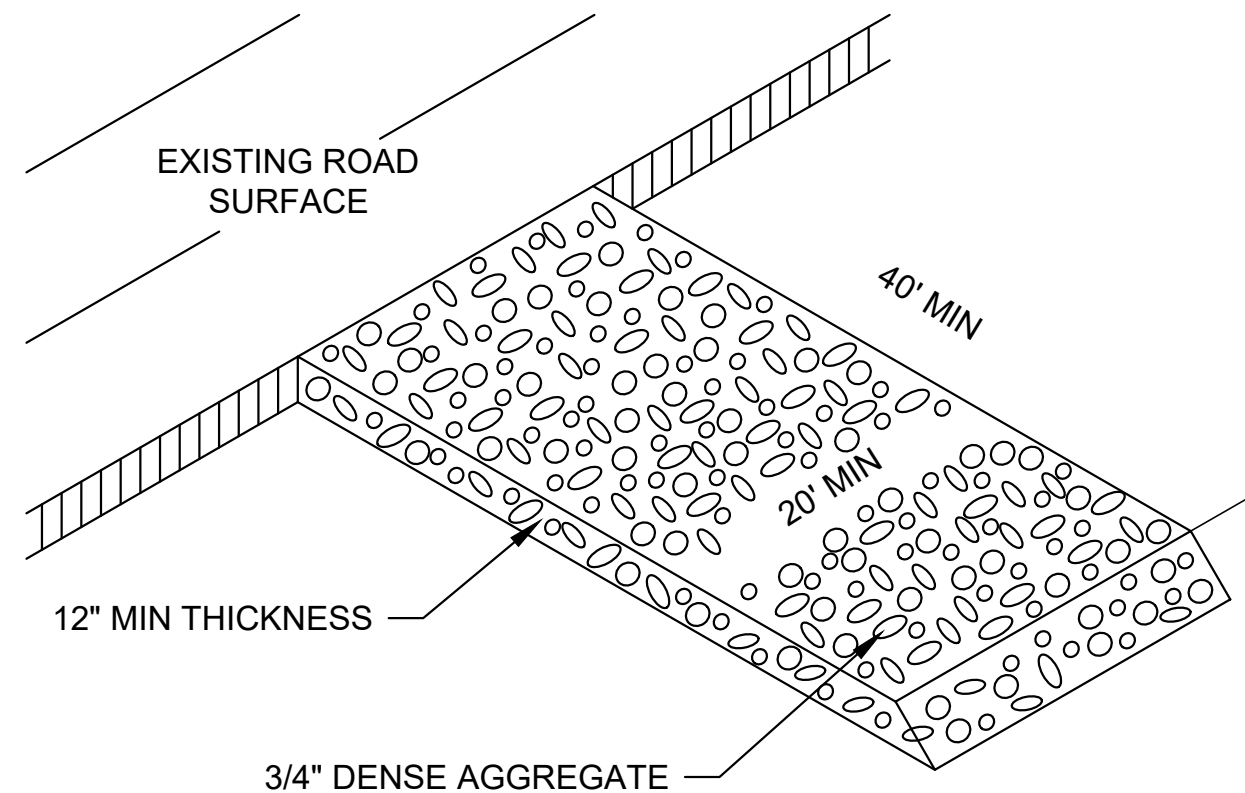
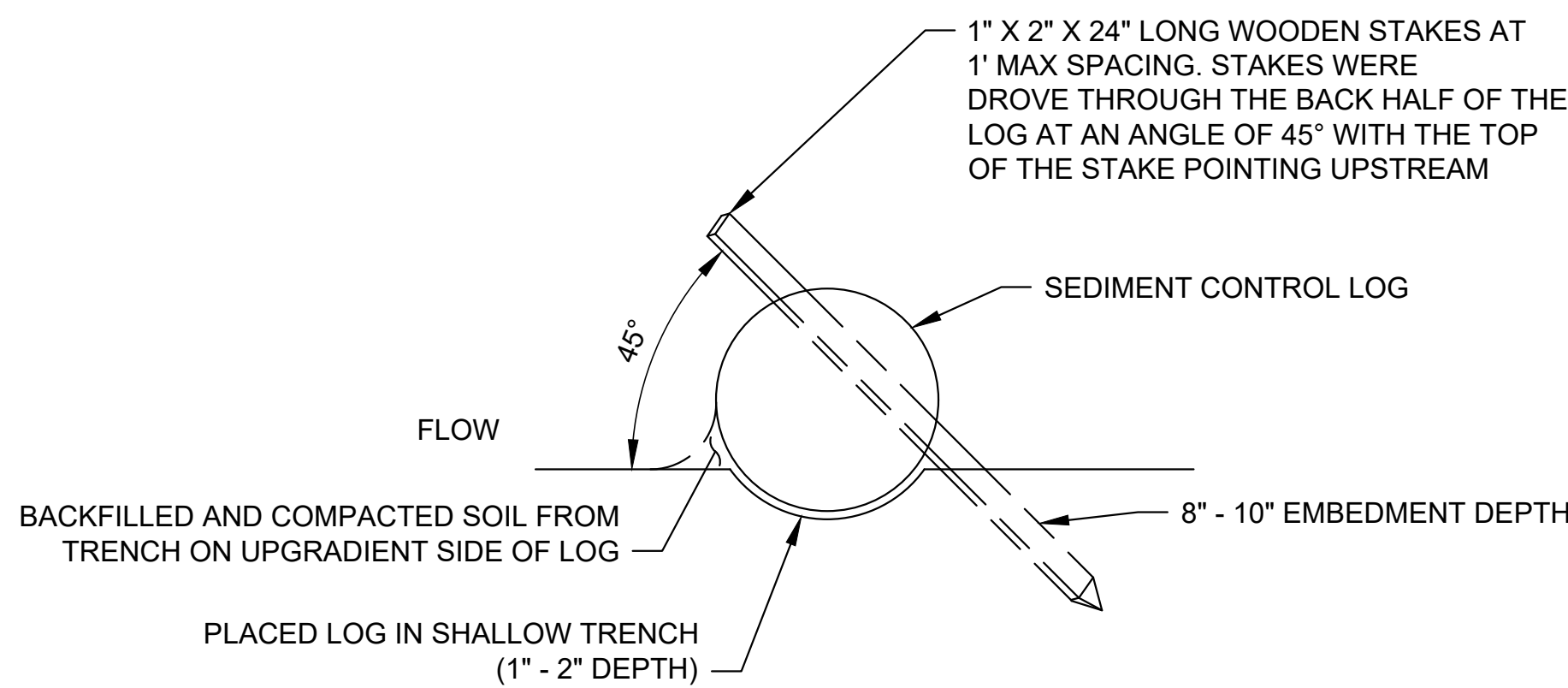
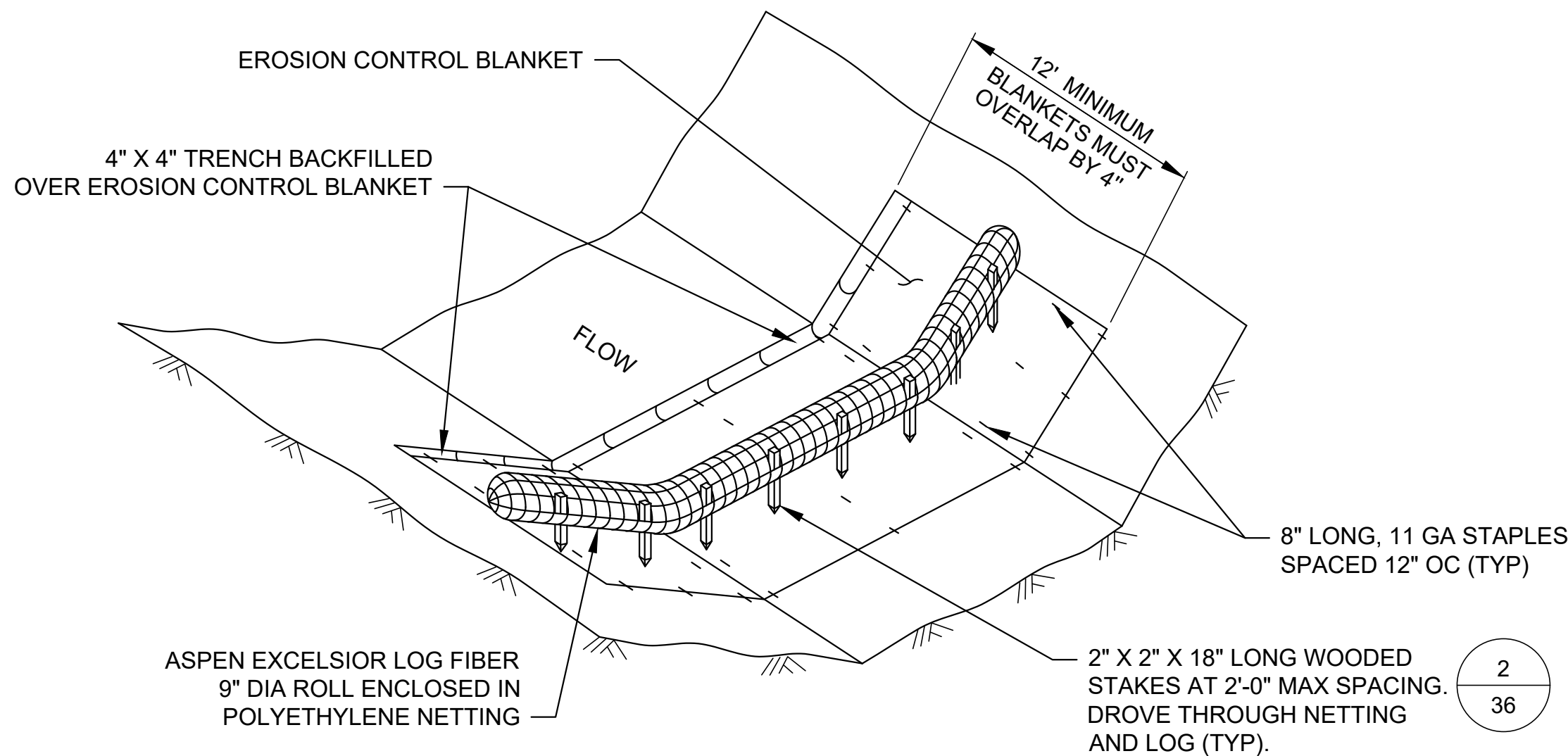


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VERNON COUNTY LANDFILL
FEASIBILITY STUDY
DETAILS - 4

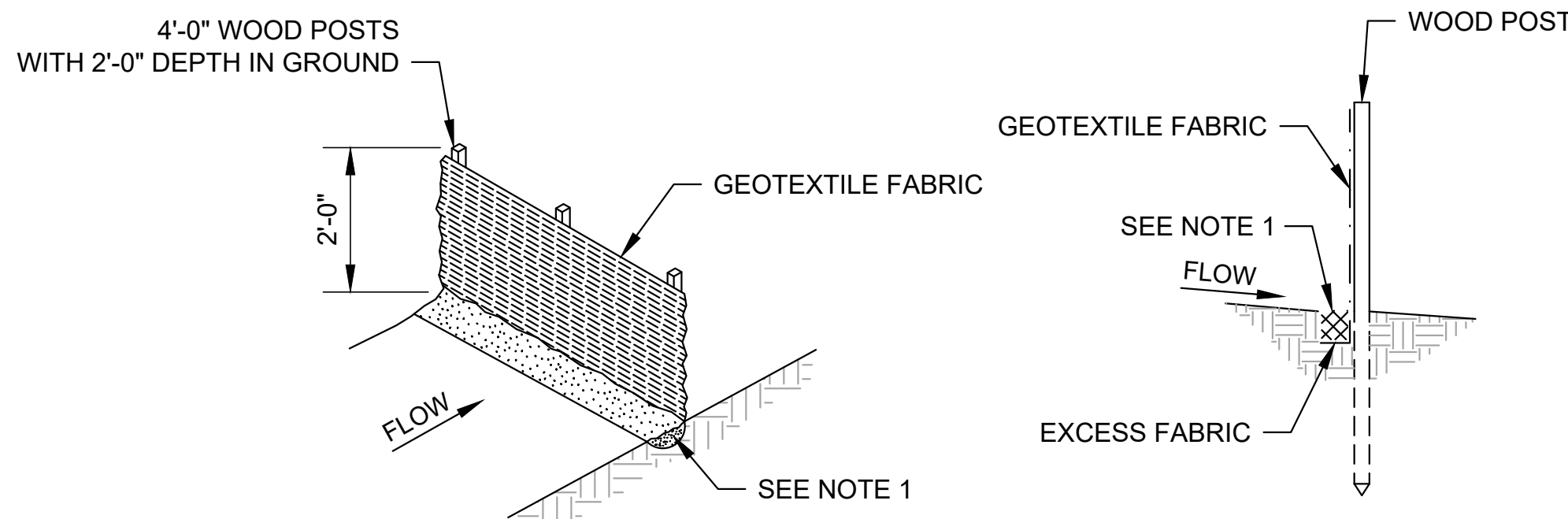




SEDIMENT CONTROL LOG DITCH CHECK NOTES:

1. INSTALLED LOGS A MAXIMUM OF 100-FEET APART IN DRAINAGE SWALES/DITCHES.

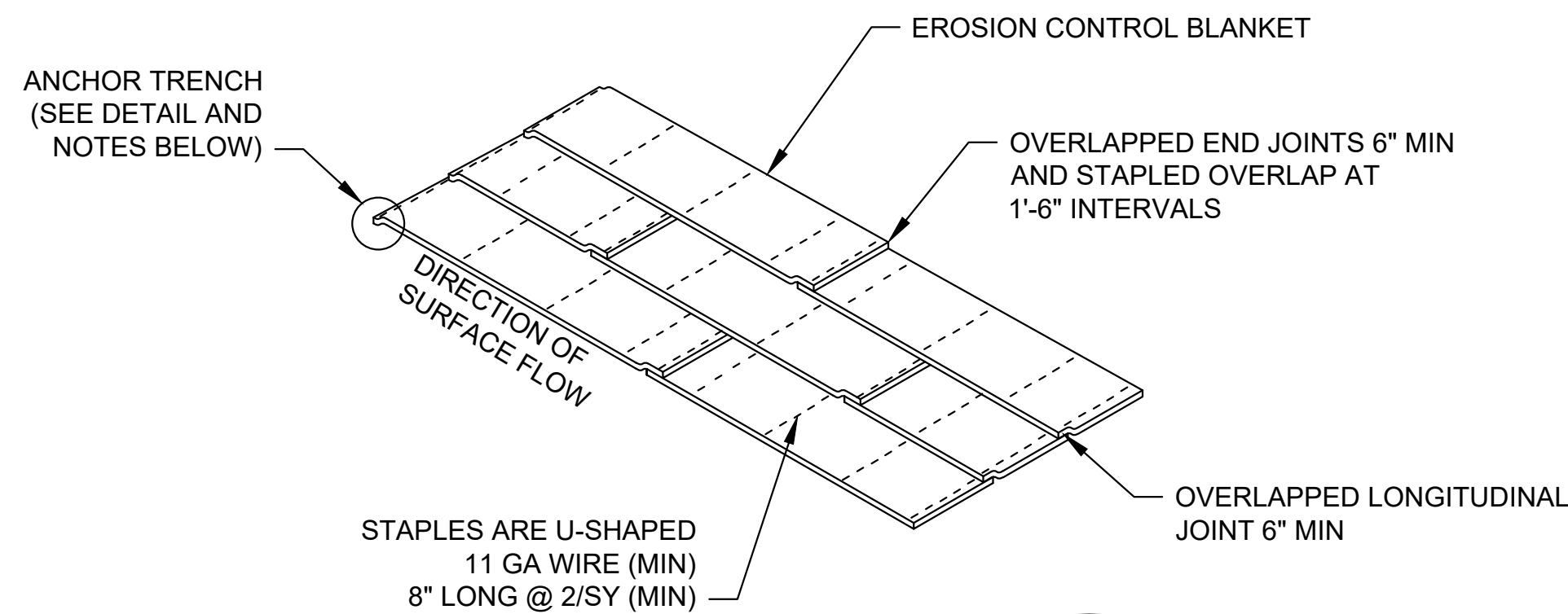
SEDIMENT CONTROL LOG DITCH CHECK
NO SCALE



SILT FENCE NOTES:

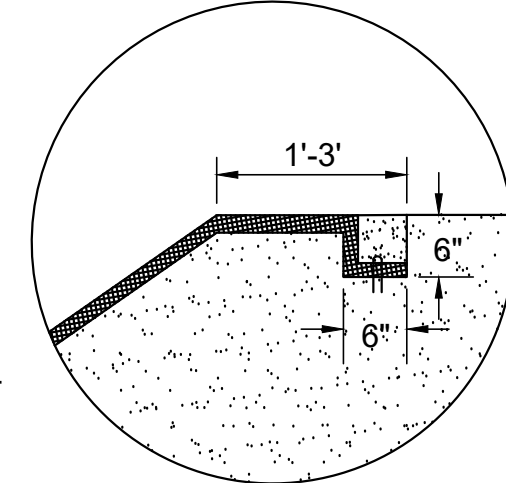
1. TRENCH IS A MINIMUM OF 4" WIDE AND 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLDED MATERIAL TO FIT TRENCH AND BACKFILLED AND COMPACTED TRENCH WITH EXCAVATED SOIL.
2. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.
3. CONSTRUCTED SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING TWO METHODS:
A) TWIST METHOD - OVERLAP THE END POSTS AND TWIST OR ROTATE AT LEAST 180°
B) HOOK METHOD - HOOK THE END OF EACH SILT FENCE LENGTH.
4. ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS.
5. 3'-0" MAX SPACING IF A WOVEN GEOTEXTILE IS NOT USED.
6. ATTACHED THE FABRIC TO THE POSTS WITH WIRE STAPLES OR WOODEN LATH AND NAILS.

SILT FENCE
NO SCALE

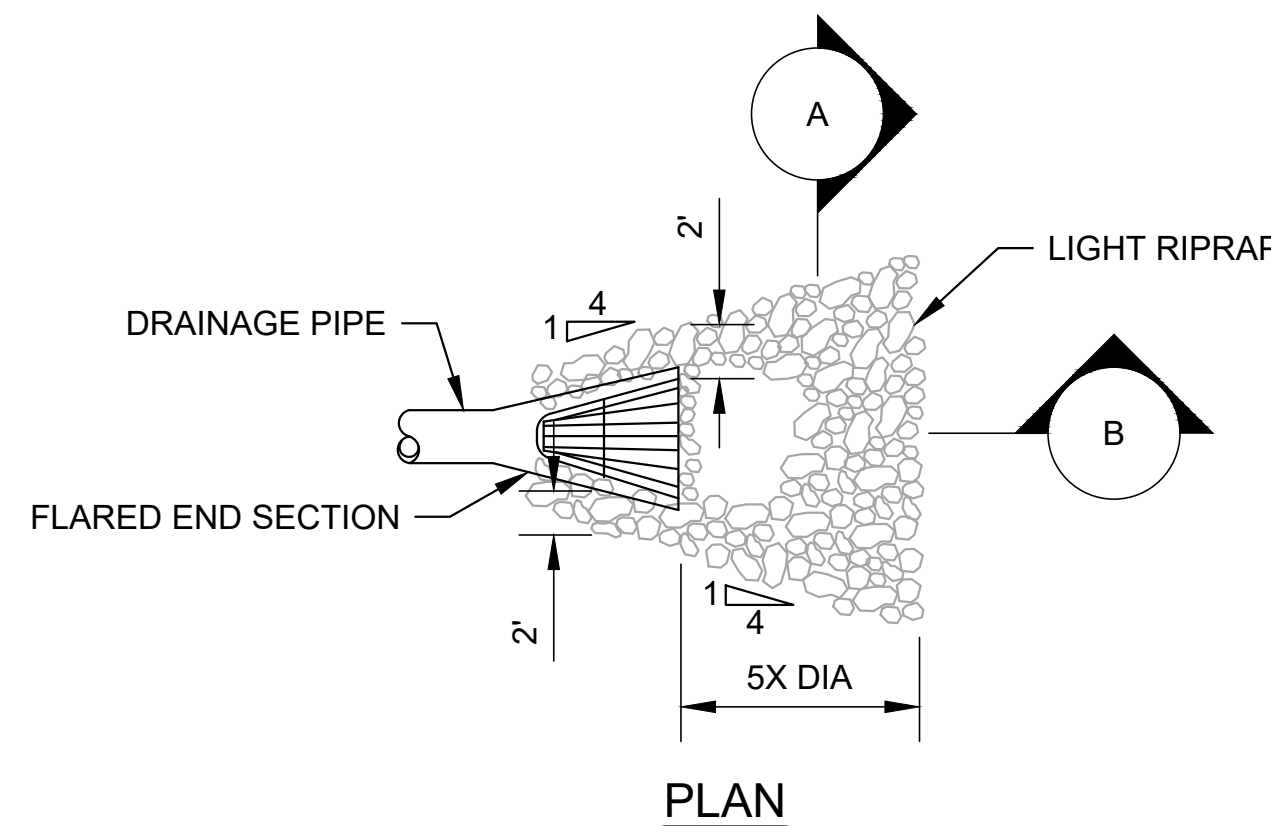
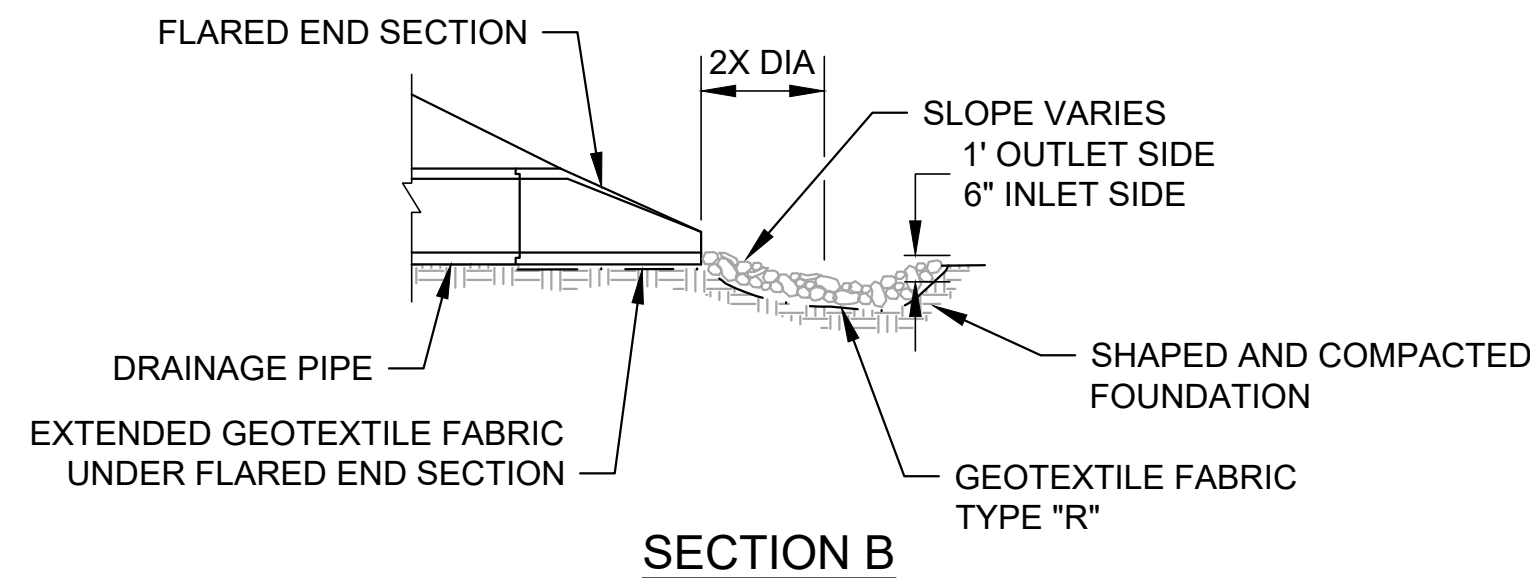
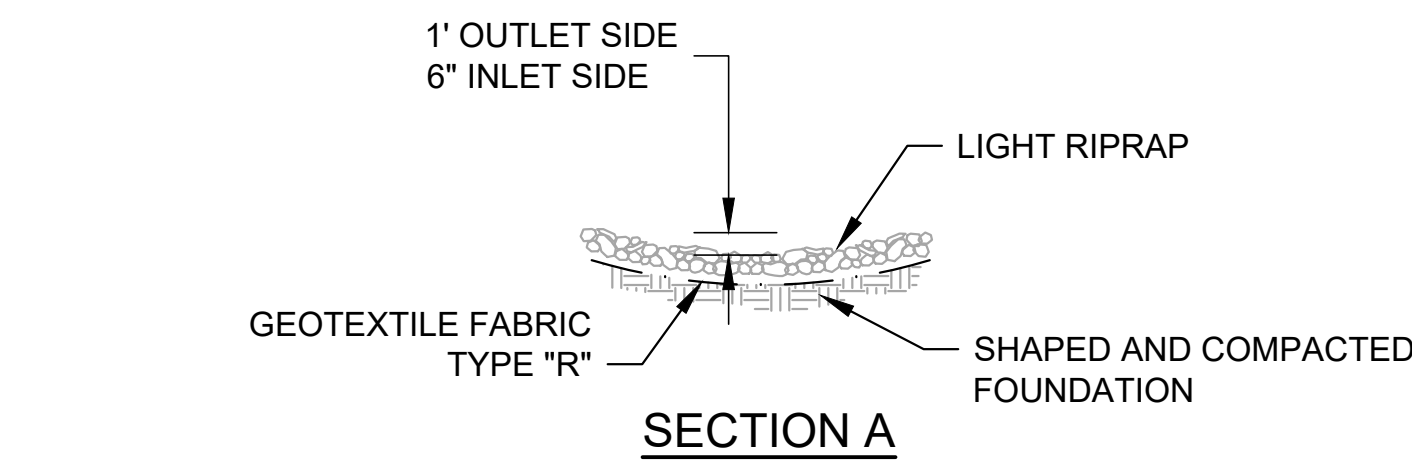


ANCHOR TRENCH NOTES:

1. DUG 6" X 6" TRENCH
2. LAID BLANKET IN TRENCH
3. STAPLED AT 1.5' INTERVALS
4. BACKFILLED WITH NATURAL SOIL AND COMPACT
5. BLANKET LENGTH DID NOT EXCEED 100 FT WITHOUT AN ANCHOR TRENCH



EROSION CONTROL BLANKET AT DITCH INSTALLATION
NO SCALE



RIPRAP AT APRON
NO SCALE

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