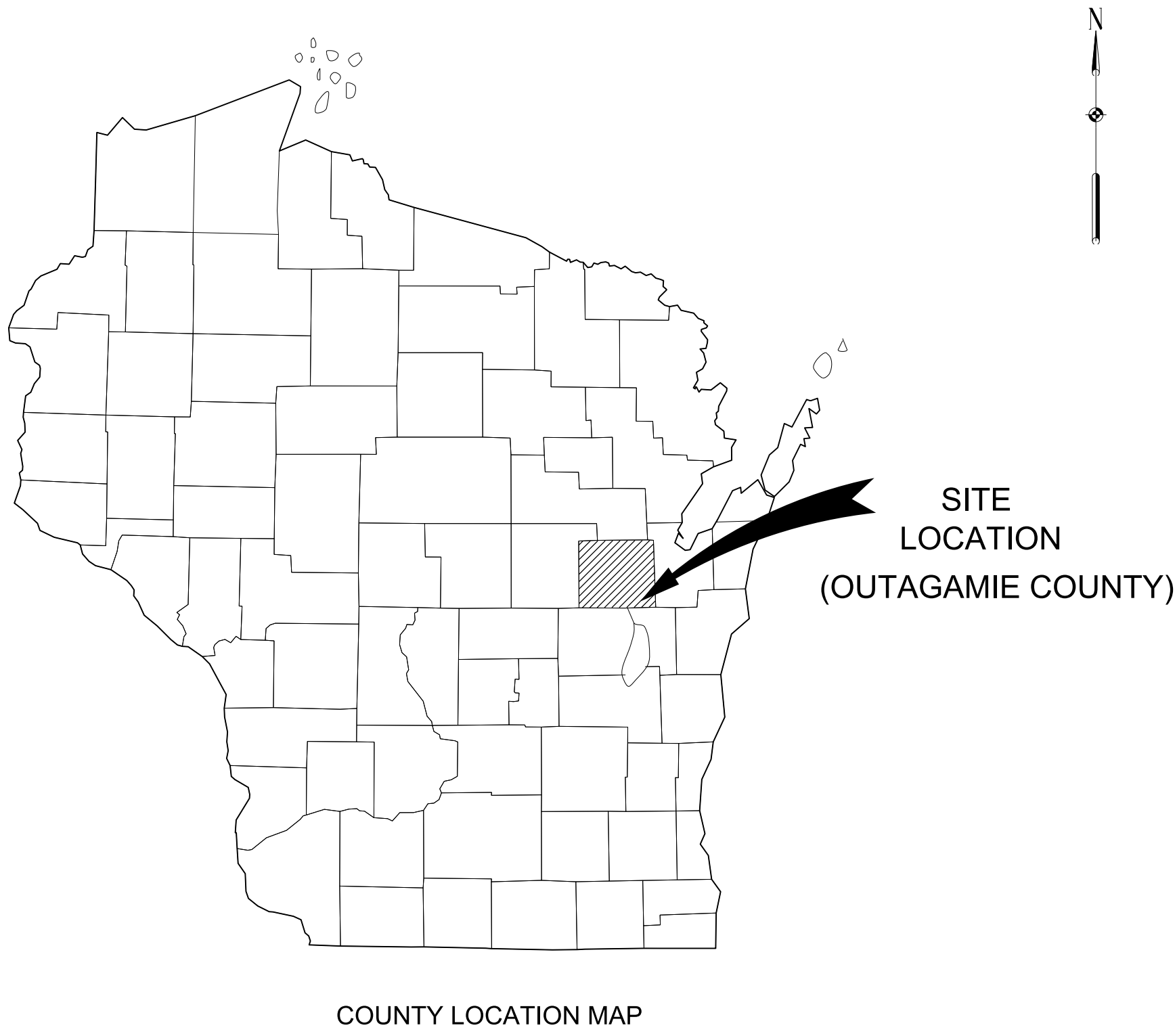


ADDENDUM NO. 1
TO THE
PLAN OF OPERATION
FOR THE
OUTAGAMIE COUNTY NORTHWEST LANDFILL
OUTAGAMIE COUNTY, WISCONSIN
JANUARY, 2021

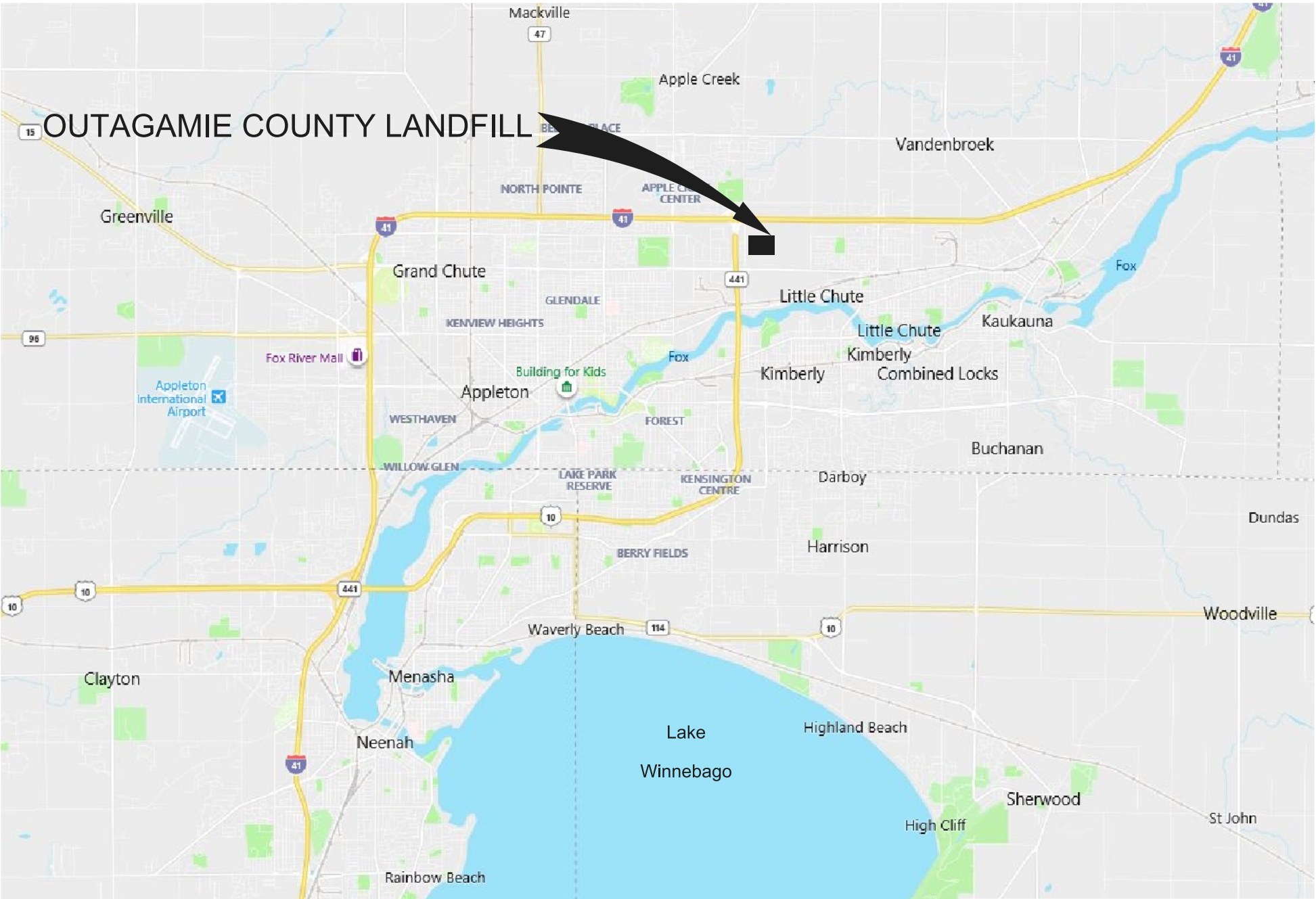
Prepared By



PROJECT NUMBER: 19O002.40



COUNTY LOCATION MAP



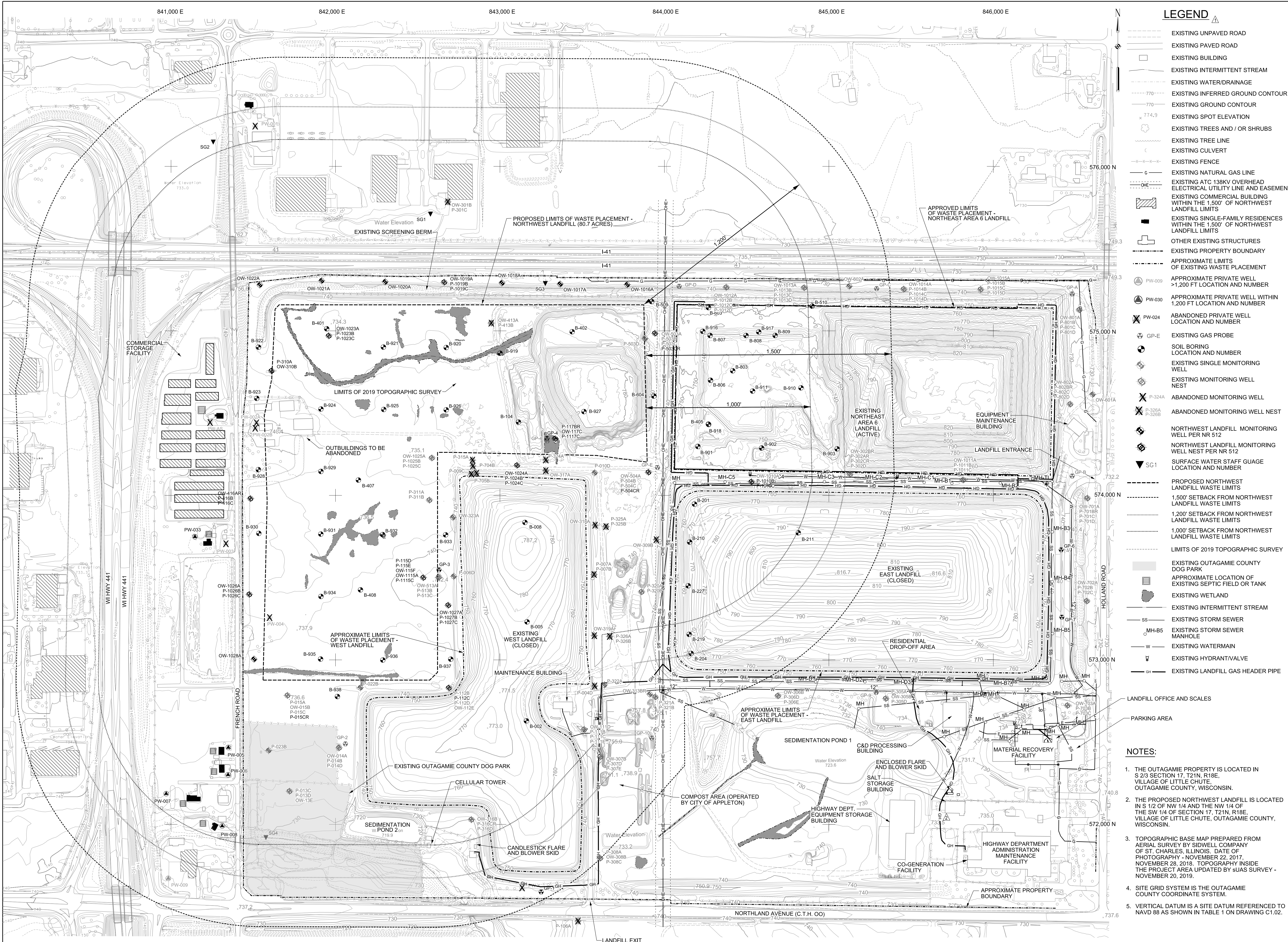
SITE LOCATION MAP
Source: Bing Map®

INDEX	
DRAWING NO.	DESCRIPTION
G0.00R	TITLE SHEET
C1.01R	FEATURES WITHIN 1,500 FT OF THE PROPOSED NORTHWEST LANDFILL
C1.02R	EXISTING SITE CONDITIONS
C1.06R	LEACHATE MANAGEMENT SYSTEM
C1.09R	GAS MANAGEMENT SYSTEM
C1.12R	LEACHATE STORAGE AND TRANSFER SYSTEM
C1.17R	EXCESS SOIL STOCKPILE LOCATIONS
C1.24R	ENVIRONMENTAL MONITORING PLAN
C1.25R	LONG TERM CARE PLAN
C1.26	MONITORING WELL AND BORING ABANDONMENT AND INSTALLATION PLAN
C3.01R	ENGINEERING CROSS SECTION 574,520 N
C3.02R	ENGINEERING CROSS SECTION 573,430 N
C3.04R	ENGINEERING CROSS SECTION 841,908 E
C5.02R	DETAILS
C5.12R	DETAILS
C5.14R	DETAILS
C5.17R	DETAILS



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pw:\P\W\PS1\foth.com\PW_1E\Documents\Clients\Outagamie Co Recyc SW W\00180002.40\CA\Drawings\NWLF POO\Addendum 1\POO Drawing C101R Features Within 1500 FT.dgn
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LEGEND

- EXISTING UNPAVED ROAD
- EXISTING PAVED ROAD
- EXISTING BUILDING
- EXISTING INTERMITTENT STREAM
- EXISTING WATER/DRAINAGE
- EXISTING INFERRED GROUND CONTOUR
- EXISTING GROUND CONTOUR
- EXISTING SPOT ELEVATION
- EXISTING TREES AND / OR SHRUBS
- EXISTING TREE LINE
- EXISTING CULVERT
- EXISTING FENCE
- EXISTING NATURAL GAS LINE
- EXISTING ATC 138KV OVERHEAD ELECTRICAL UTILITY LINE AND EASEMENT
- EXISTING COMMERCIAL BUILDING WITHIN THE 1,500' OF NORTHWEST LANDFILL LIMITS
- EXISTING SINGLE-FAMILY RESIDENCES WITHIN THE 1,500' OF NORTHWEST LANDFILL LIMITS
- OTHER EXISTING STRUCTURES
- EXISTING PROPERTY BOUNDARY
- APPROXIMATE LIMITS OF EXISTING WASTE PLACEMENT
- APPROXIMATE PRIVATE WELL >1,200 FT LOCATION AND NUMBER
- APPROXIMATE PRIVATE WELL WITHIN 1,200 FT LOCATION AND NUMBER
- ABANDONED PRIVATE WELL LOCATION AND NUMBER
- EXISTING GAS PROBE
- SOIL BORING LOCATION AND NUMBER
- EXISTING SINGLE MONITORING WELL
- EXISTING MONITORING WELL NEST
- ABANDONED MONITORING WELL
- ABANDONED MONITORING WELL NEST
- NORTHWEST LANDFILL MONITORING WELL PER NR 512
- NORTHWEST LANDFILL MONITORING WELL NEST PER NR 512
- SURFACE WATER STAFF GUAGE LOCATION AND NUMBER
- PROPOSED NORTHWEST LANDFILL WASTE LIMITS
- 1,500' SETBACK FROM NORTHWEST LANDFILL WASTE LIMITS
- 1,200' SETBACK FROM NORTHWEST LANDFILL WASTE LIMITS
- 1,000' SETBACK FROM NORTHWEST LANDFILL WASTE LIMITS
- LIMITS OF 2019 TOPOGRAPHIC SURVEY
- EXISTING OUTAGAMIE COUNTY DOG PARK
- APPROXIMATE LOCATION OF EXISTING SEPTIC FIELD OR TANK
- EXISTING WETLAND
- EXISTING INTERMITTENT STREAM
- EXISTING STORM SEWER
- EXISTING STORM SEWER MANHOLE
- EXISTING WATERMAIN
- EXISTING HYDRANT/VALVE
- EXISTING LANDFILL GAS HEADER PIPE
- LANDFILL OFFICE AND SCALES
- PARKING AREA

NOTES:

- THE OUTAGAMIE PROPERTY IS LOCATED IN S 1/2 OF NW 1/4 AND THE NW 1/4 OF THE SW 1/4 OF SECTION 17, T21N, R18E, VILLAGE OF LITTLE CHUTE, OUTAGAMIE COUNTY, WISCONSIN.
- THE PROPOSED NORTHWEST LANDFILL IS LOCATED IN S 1/2 OF NW 1/4 AND THE NW 1/4 OF THE SW 1/4 OF SECTION 17, T21N, R18E, VILLAGE OF LITTLE CHUTE, OUTAGAMIE COUNTY, WISCONSIN.
- TOPOGRAPHIC BASE MAP PREPARED FROM AERIAL SURVEY BY SIDWEL COMPANY OF ST. CHARLES, ILLINOIS. DATE OF PHOTOGRAPHY - NOVEMBER 22, 2017, NOVEMBER 28, 2018. TOPOGRAPHY INSIDE THE PROJECT AREA UPDATED BY SUAS SURVEY - NOVEMBER 20, 2019.
- SITE GRID SYSTEM IS THE OUTAGAMIE COUNTY COORDINATE SYSTEM.
- VERTICAL DATUM IS A SITE DATUM REFERENCED TO NAVD 88 AS SHOWN IN TABLE 1 ON DRAWING C1.02.

ADDENDUM NO. 1 TO THE PLAN OF OPERATION FOR THE OUTAGAMIE COUNTY NORTHWEST LANDFILL

REVISIONS		DESCRIPTION	
NO.	BY	DATE	DESCRIPTION
1	MRS	12/20	REVISED LEGEND
2	MRS	12/20	ADDED GAS HEADER PIPE

DATE OF PREPARATION	
BY	DATE
SURVEYED	
DRAWN	MRS JAN. 2021
DESIGNED	MRS JAN. 2021
CHECKED	BJM JAN. 2021

FEATURES WITHIN 1,500 FEET OF THE PROPOSED NORTHWEST LANDFILL

HORIZONTAL SCALE:	
0	250' 500'
PROJECT ID: 190002.40	

C1.01R



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OUTAGAMIE COUNTY
RECYCLING & SOLID WASTE

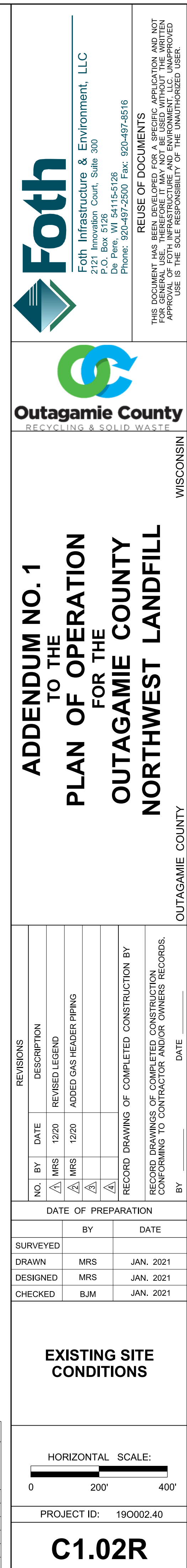
OUTAGAMIE COUNTY

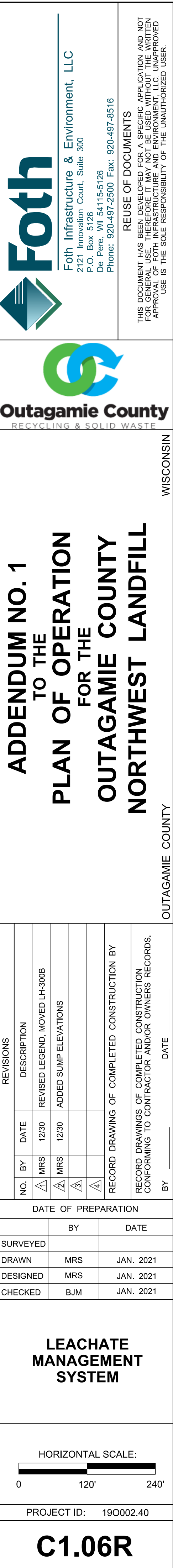
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RECORD DRAWINGS OF COMPLETED CONSTRUCTION
CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS.

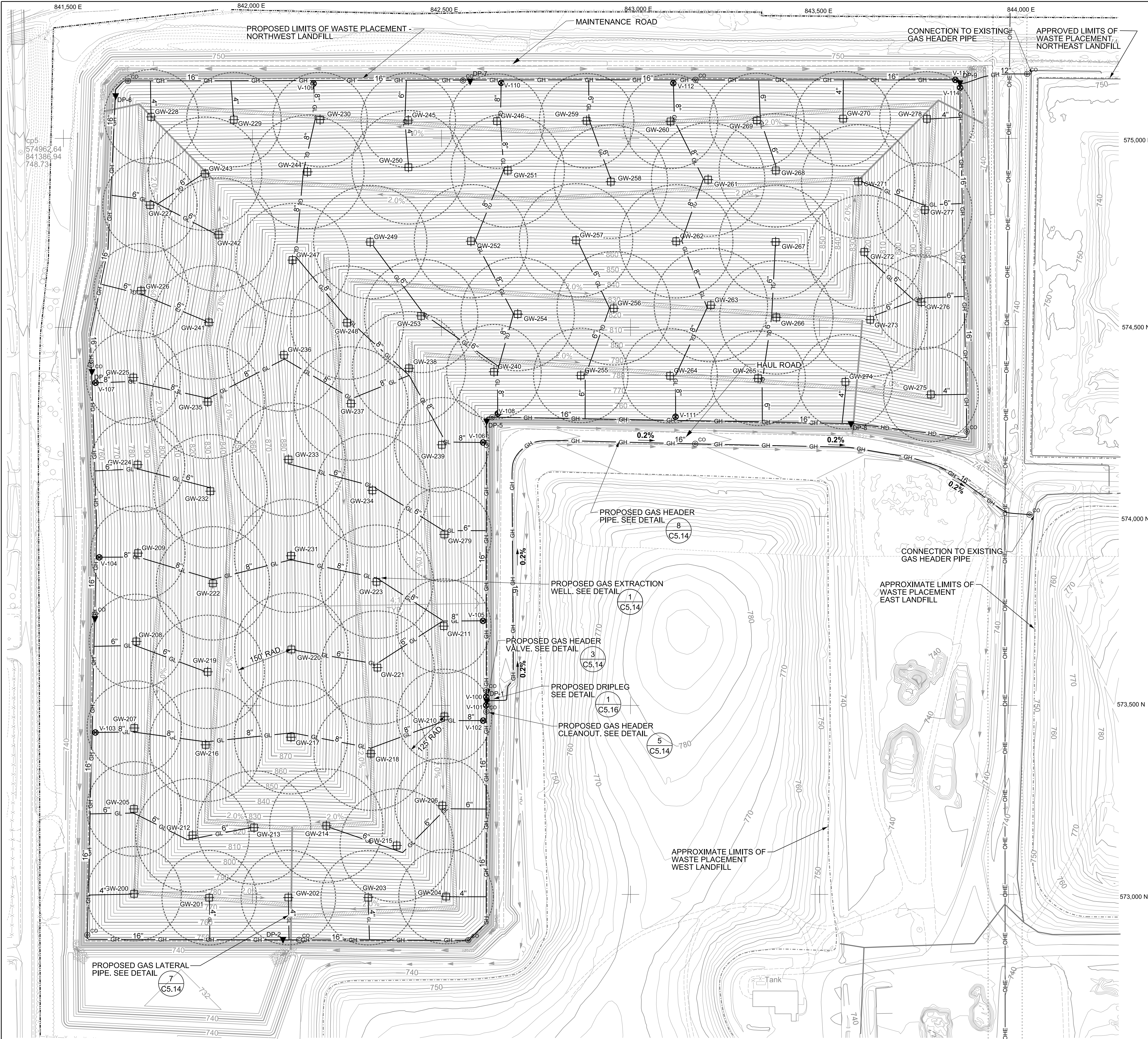
DATE

DATE





p:\P\AP\1\foth.com\PW_1\Documents\Clients\Outagamie Co Recyc SW W100180002.40\CAD\Drawings\NWLF POO\Addendum 1\POO Drawing C1.09R Gas Management System.dgn
mrs
1/6/2021 1:35:57 PM



LEGEND

EXISTING UNPAVED ROAD

EXISTING PAVED ROAD

EXISTING BUILDING

EXISTING WATER/DRAINAGE

EXISTING GROUND CONTOUR

EXISTING TREES AND / OR SHRUBS

EXISTING TREE LINE

EXISTING FENCE

EXISTING ATC 138KV OVERHEAD ELECTRICAL UTILITY LINE AND EASEMENT

EXISTING PROPERTY BOUNDARY

APPROVED LIMITS OF WASTE PLACEMENT

PROPOSED LIMITS OF WASTE PLACEMENT

PROPOSED FINAL GRADE CONTOUR

PROPOSED ACCESS/HAUL ROAD

PROPOSED SLOPE RATIO

PROPOSED SLOPE

PROPOSED DRAINAGE DITCH

PROPOSED PERIMETER BERM

PROPOSED DIVERSION BERM AND SLOPE

PROPOSED DOWNSLOPE PIPE

PROPOSED RIPRAP

EXISTING GAS HEADER PIPE

PROPOSED GAS LATERAL PIPE

PROPOSED GAS HEADER PIPE

PROPOSED VERTICAL GAS WELL

PROPOSED GAS VALVE

PROPOSED GAS CLEANOUT

PROPOSED RADIUS OF INFLUENCE

PROPOSED DRIPLEG

GAS HEADER PIPE SLOPE

NOTE:

1. LOCATIONS OF VERTICAL WELLS ARE APPROXIMATE AND WILL BE DETERMINED BASED ON FIELD CONDITIONS AT THE TIME OF INSTALLATION.

2. EXISTING GAS HEADER PIPE TO ENCLOSED FLARE WILL NEED TO BE INCREASED IN SIZE DURING LATER STAGES OF NWLF OPERATION.

ADDENDUM NO. 1
TO THE
PLAN OF OPERATION
FOR THE
OUTAGAMIE COUNTY
NORTHWEST LANDFILL

REVISIONS		DESCRIPTION	
NO.	BY	DATE	DESCRIPTION
1	MRS	12/20	ADDED GAS HEADER SLOPES
2			
3			
4			
RECORD DRAWING OF COMPLETED CONSTRUCTION BY			
RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS.			

DATE OF PREPARATION	
BY	DATE
SURVEYED	
DRAWN	MRS JAN. 2021
DESIGNED	MRS JAN. 2021
CHECKED	BJM JAN. 2021

GAS
MANAGEMENT
SYSTEM

HORIZONTAL SCALE:
0 120' 240'

PROJECT ID: 190002.40

C1.09R

Foth
Foth Infrastructure & Environment, LLC
2121 Innovation Court, Suite 300
De Pere, WI 54115-5126
Phone: 920-497-2500 Fax: 920-497-8516

Outagamie County
RECYCLING & SOLID WASTE

WISCONSIN
OUTAGAMIE COUNTY

REUSE OF DOCUMENTS

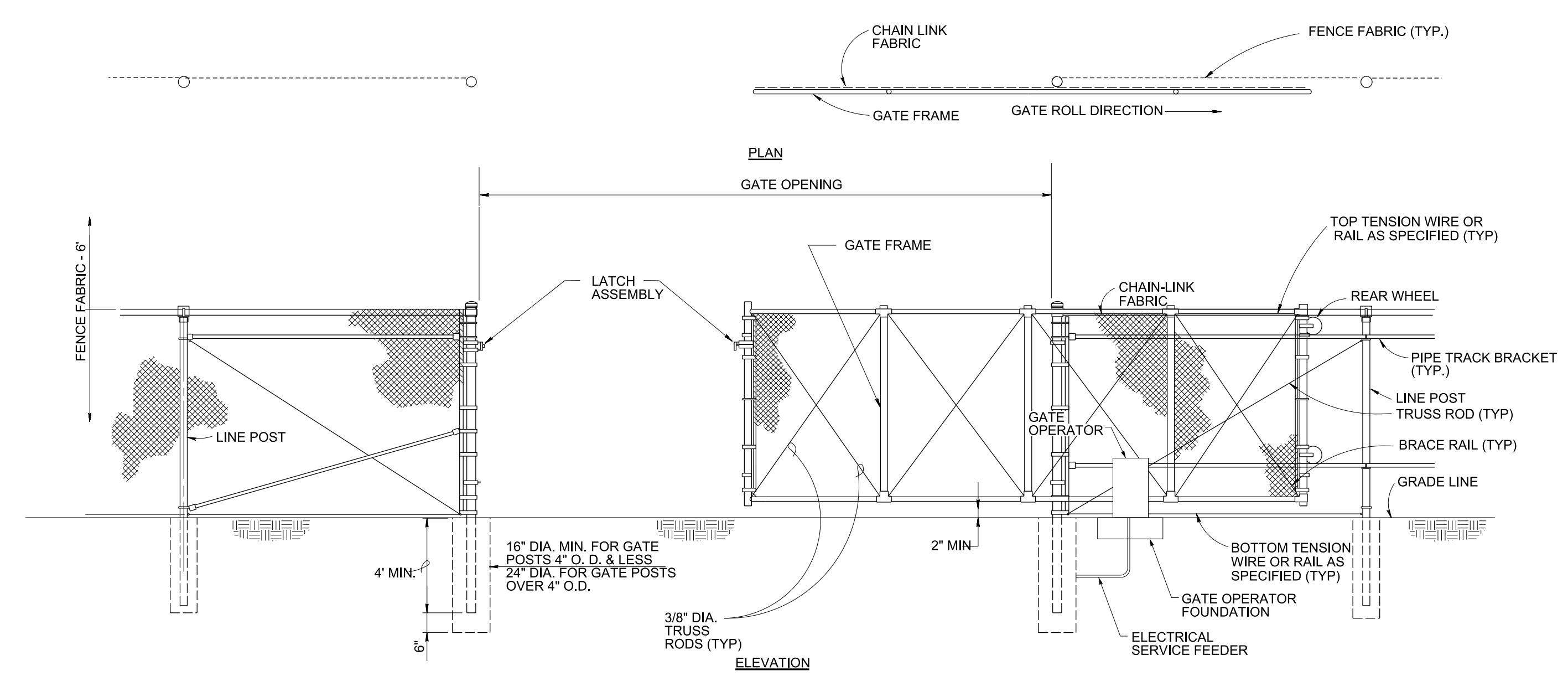
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1

- | | |
|-------|------------------------------------|
| | EXISTING UNPAVED ROAD |
| | EXISTING PAVED ROAD |
| | EXISTING GROUND CONTOUR |
| | EXISTING INFERRED GROUND CONTOUR |
| | EXISTING TREES
AND / OR SHRUBS |
| | EXISTING TREE LINE |
| | EXISTING CULVERT |
| | EXISTING FENCE |
| | EXISTING PROPERTY
BOUNDARY |
| | PROPOSED ACCESS/HAIL
ROAD |
| | PROPOSED CONTOUR |
| | FUTURE PRE-TREATMENT AREA |
| | PROPOSED LEACHATE TRANSFER PIPE |
| | PROPOSED SANITARY PIPE |
| | PROPOSED LEACHATE FORCEMAIN |
| | PROPOSED LEACHATE
STORAGE TANK |
| LPB-1 | PROPOSED LEACHATE
PUMP BUILDING |
| WV-1 | PROPOSED LEACHATE
VALVE VAULT |
| | PROPOSED CATCH BASIN |
| | PROPOSED FENCE GATE |

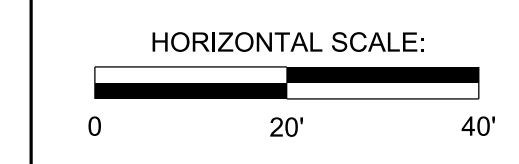
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2. THE OUTAGAMIE COUNTY PROPERTY IS LOCATED IN S 3/4 SECTION 17, T21N, R18E, TOWN OF GRAND CHUTE AND VILLAGE OF LITTLE CHUTE, OUTAGAMIE COUNTY, WISCONSIN.
3. THE PROPOSED NORTHWEST LANDFILL IS LOCATED IN S 1/2 OF NW 1/4 AND N 1/2 OF THE SW 1/4, SECTION 17, T21N, R18E, VILLAGE OF LITTLE CHUTE, OUTAGAMIE COUNTY, WISCONSIN.
4. SITE GRID SYSTEM IS THE OUTAGAMIE COUNTY COORDINATE SYSTEM.



1 **TYPICAL FENCE GATE DETAIL**
C1.12R NOT TO SCALE

DATE OF PREPARATION		REVISIONS	
NO.	BY	DATE	DESCRIPTION
1	MRS	12/20	REVISED LEGEND
2	MRS	12/20	ADDED FENCE GATE
3			
4			
RECORD DRAWING OF COMPLETED CONSTRUCTION BY			
RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS.			
BY		DATE	
SURVEYED			
DRAWN	MRS	JAN. 2021	
DESIGNED	MRS	JAN. 2021	
CHECKED	BJM	JAN. 2021	

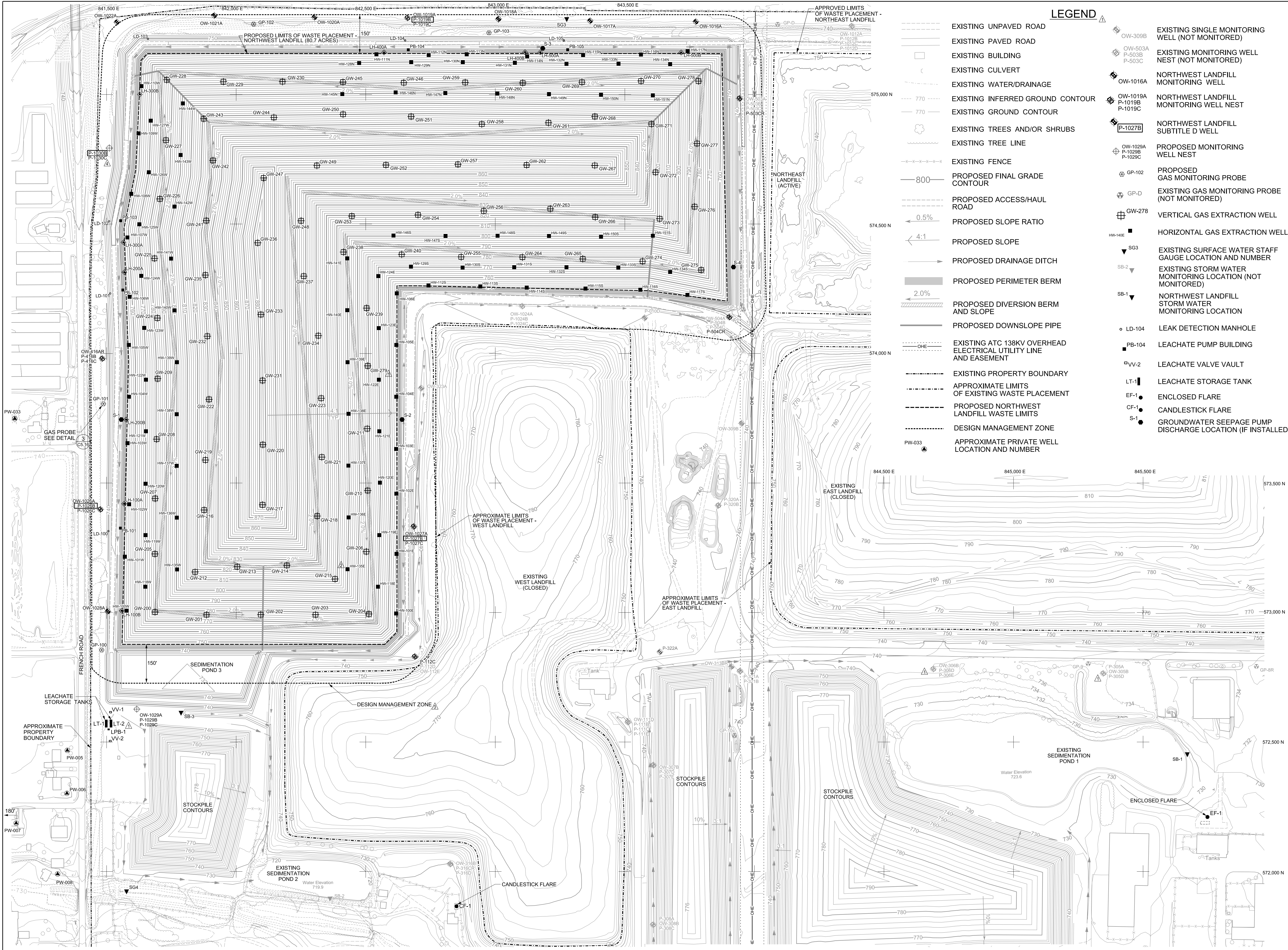
**LEACHATE
STORAGE AND
TRANSFER
SYSTEM**



PROJECT ID:	19O002.40
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C1.12R

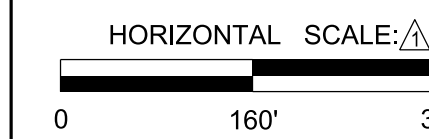
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**ADDENDUM NO. 1
TO THE
PLAN OF OPERATION
FOR THE
OUTAGAMIE COUNTY
NORTHWEST LANDFILL**

REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	MRS	12/20	EDITED LEGEND AND DRAWING SCALE
2	MRS	12/20	ADDED HORIZONTAL WELLS
3	MRS	12/20	ADDED DESIGN MANAGEMENT ZONE
4	MRS	12/20	ADDED WELLS
RECORD DRAWING OF COMPLETED CONSTRUCTION BY			
RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS.			
DATE OF PREPARATION			DATE
BY		DATE	
SURVEYED			JAN. 2021
DRAWN	MRS	JAN. 2021	
DESIGNED	MRS	JAN. 2021	
CHECKED	BJM	JAN. 2021	

**ENVIRONMENTAL
MONITORING
PLAN**



PROJECT ID: 1900002.40

C1.24R

Foth
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2121 Innovation Court, Suite 300
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Phone: 920-497-2500 Fax: 920-497-8516

Outagamie County
RECYCLING & SOLID WASTE



WISCONSIN

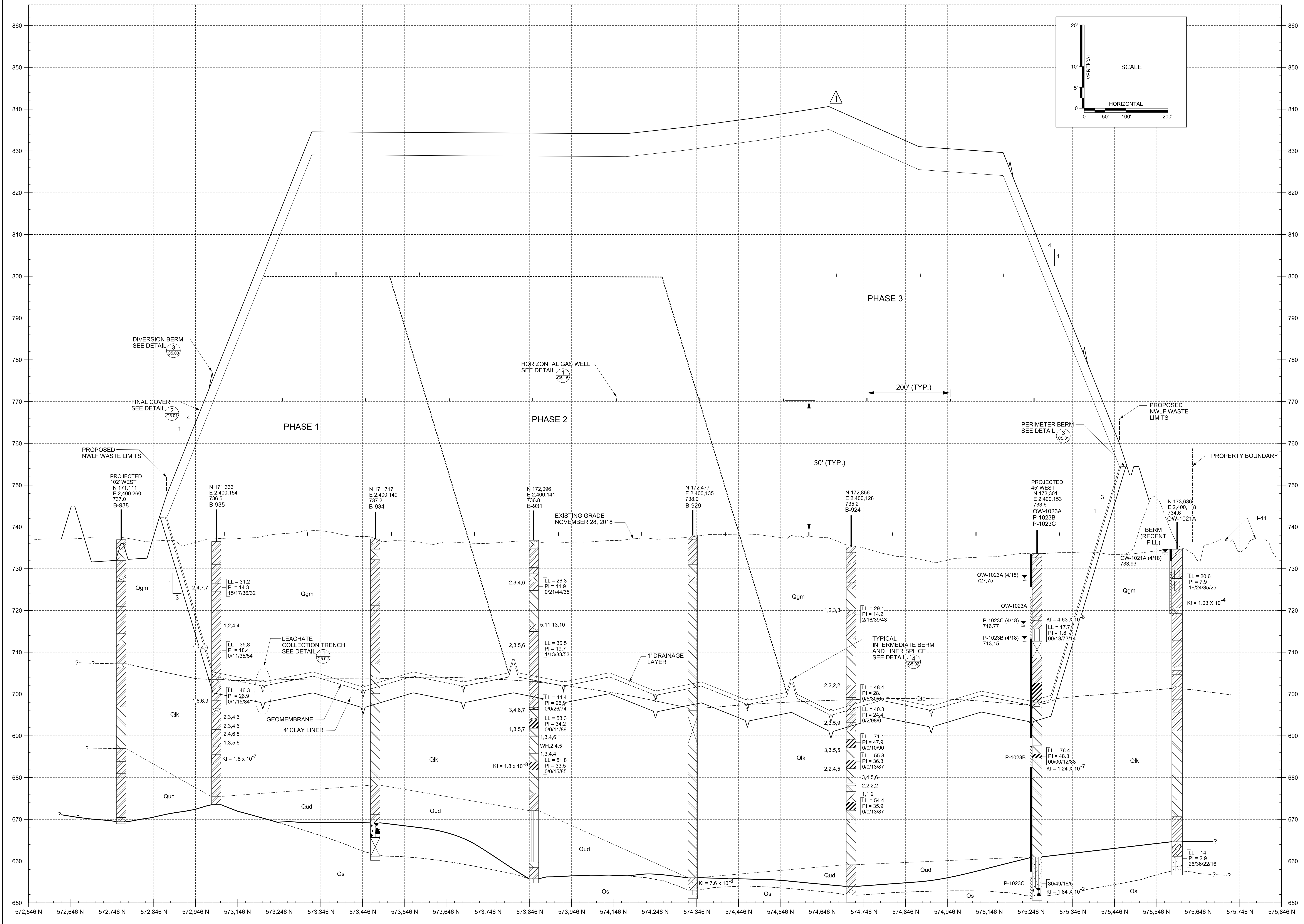
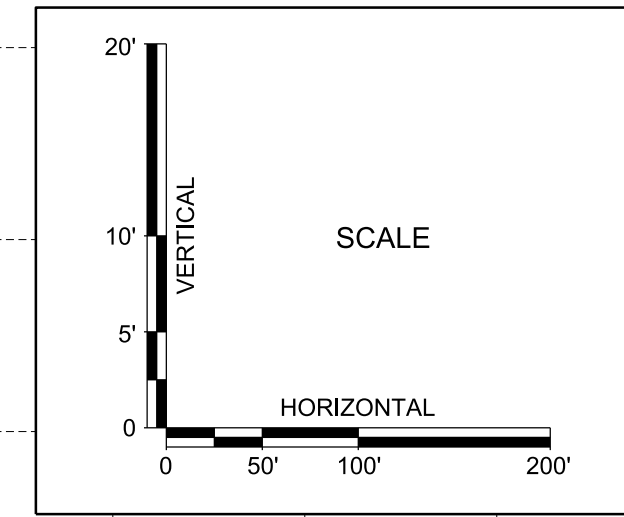
OUTAGAMIE COUNTY

REUSE OF DOCUMENTS

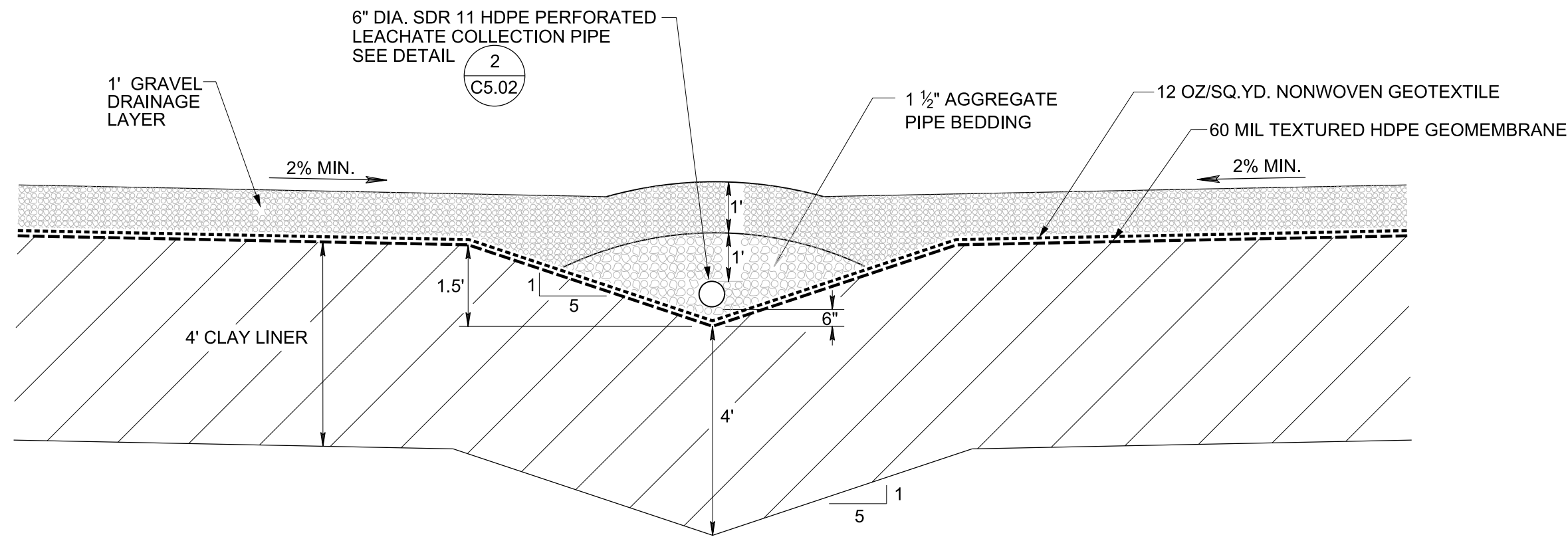
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NORTH

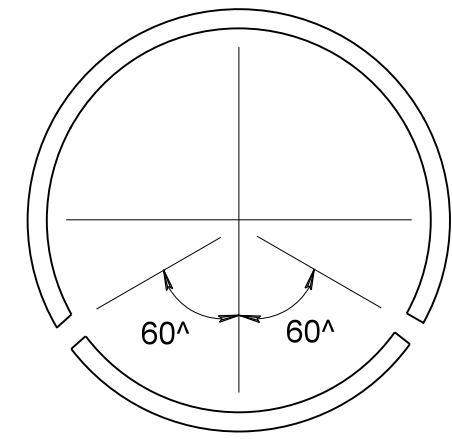


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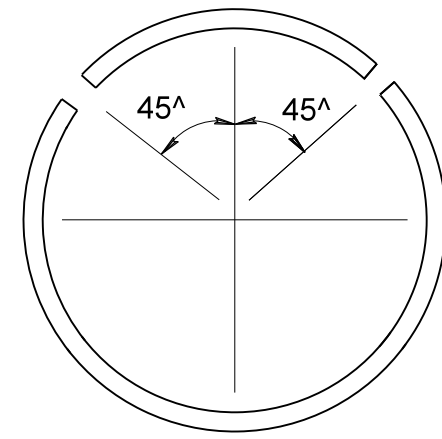


NOTE: LEACHATE COLLECTION AND CLEANOUT PIPING IN PHASE 3 WILL BE 8" DIAMETER

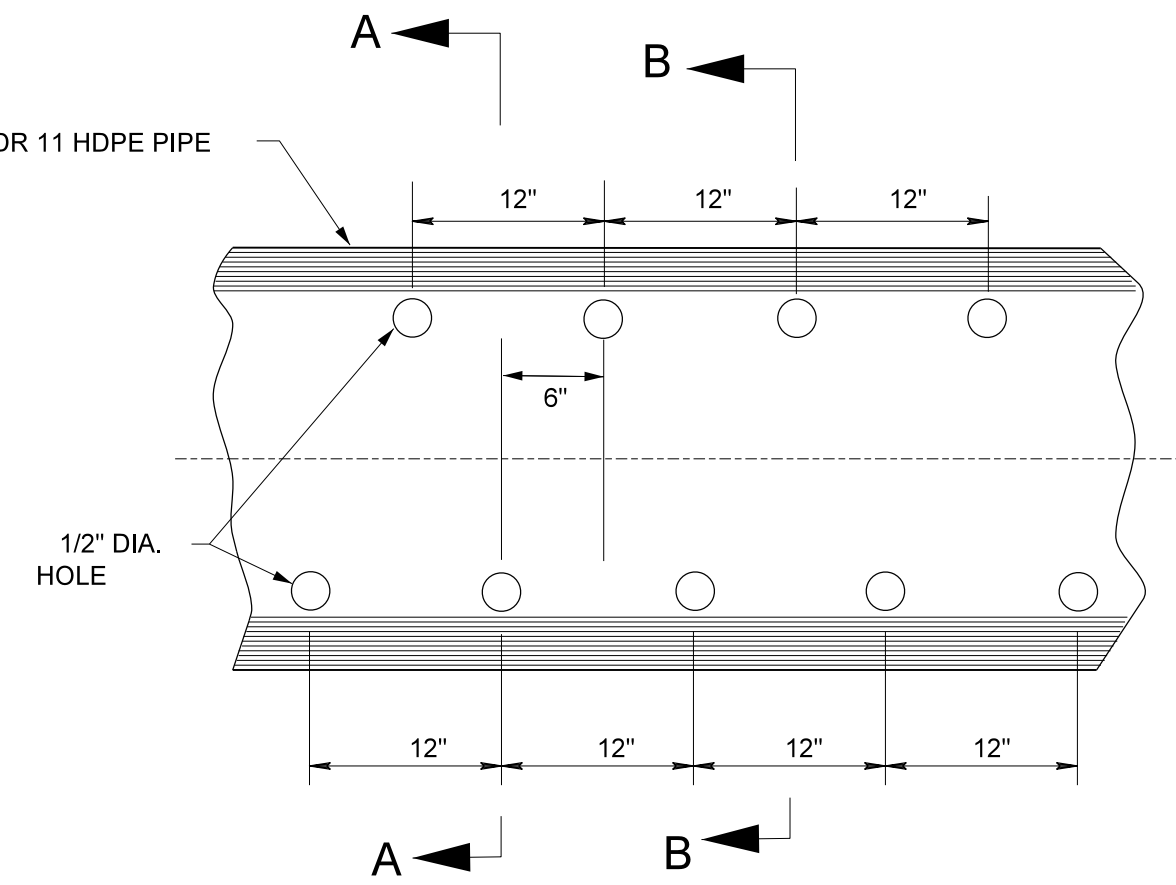
1 TYPICAL LEACHATE COLLECTION TRENCH
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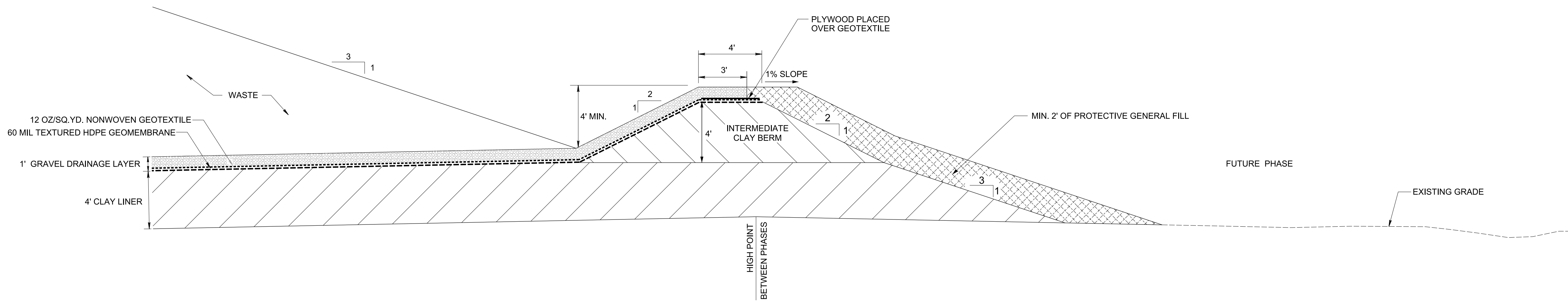
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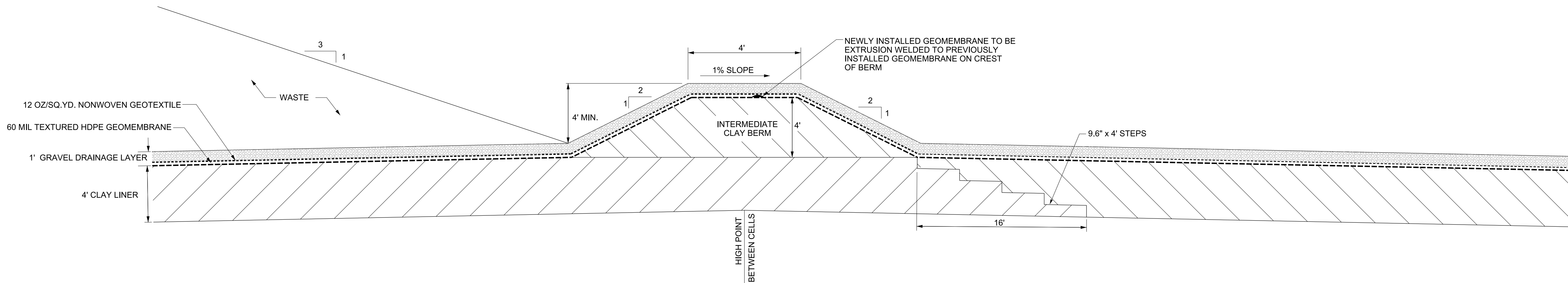
SECTION B-B



2 PIPE PERFORATION DETAIL
C5.02 NOT TO SCALE



3 TYPICAL INTERMEDIATE BERM
C5.02 NOT TO SCALE



4 TYPICAL LINER, LINER SPLICE AND INTERMEDIATE BERM DETAIL
C5.02 NOT TO SCALE



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De Pere, WI 54155-5126
Phone: 920-497-2500 Fax: 920-497-8516



Outagamie County
RECYCLING & SOLID WASTE

ADDENDUM NO. 1
TO THE
PLAN OF OPERATION
FOR THE
OUTAGAMIE COUNTY
NORTHWEST LANDFILL

REVISIONS		DATE		DESCRIPTION	
NO.	BY	DATE	DESCRIPTION	DATE	DESCRIPTION
1	MRS	12/20	ADDED NOTE		
2					
3					
4					

RECORD DRAWING OF COMPLETED CONSTRUCTION BY
RECORD DRAWINGS OF COMPLETED CONSTRUCTION
CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS.

BY _____ DATE _____

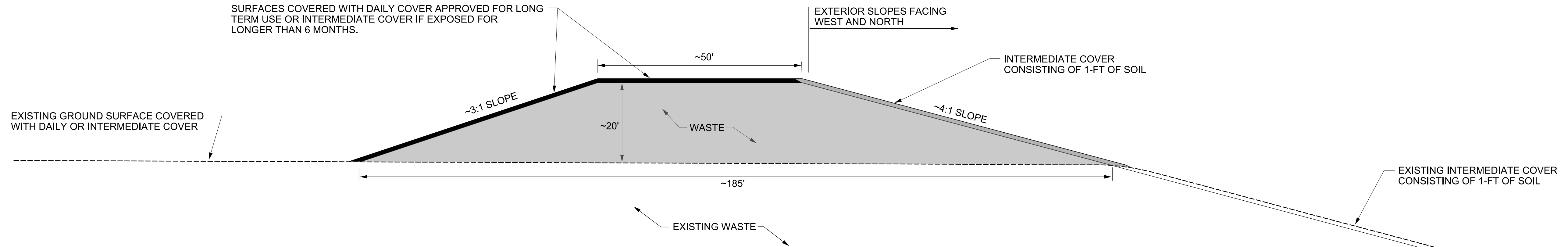
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BY		DATE
SURVEYED		
DRAWN	MRS	JAN. 2021
DESIGNED	MRS	JAN. 2021
CHECKED	BJM	JAN. 2021

DETAILS

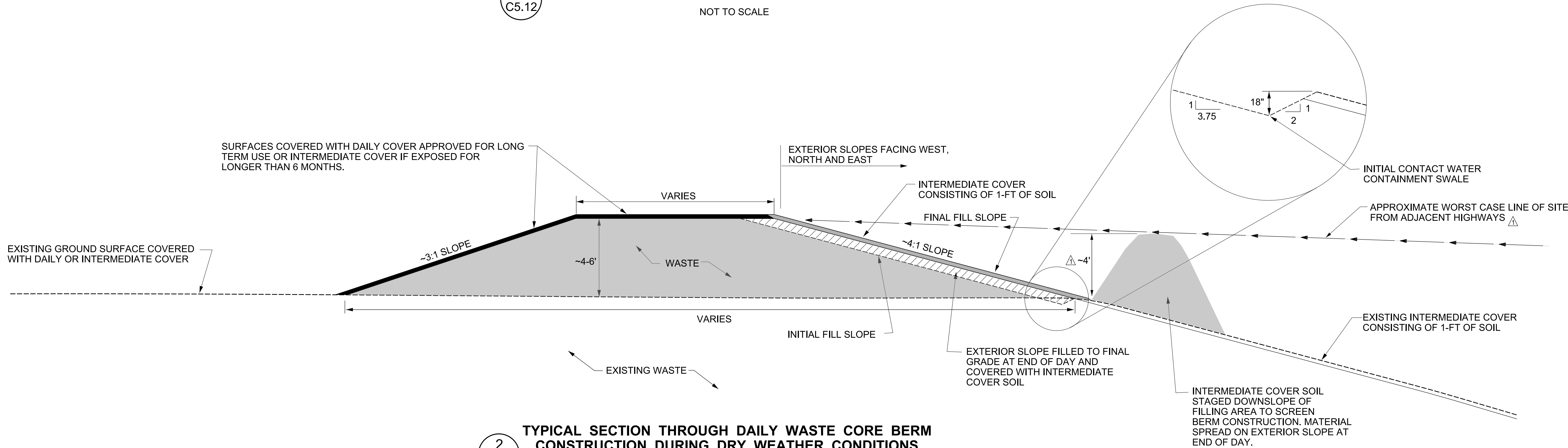
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PROJECT ID: 190002.40

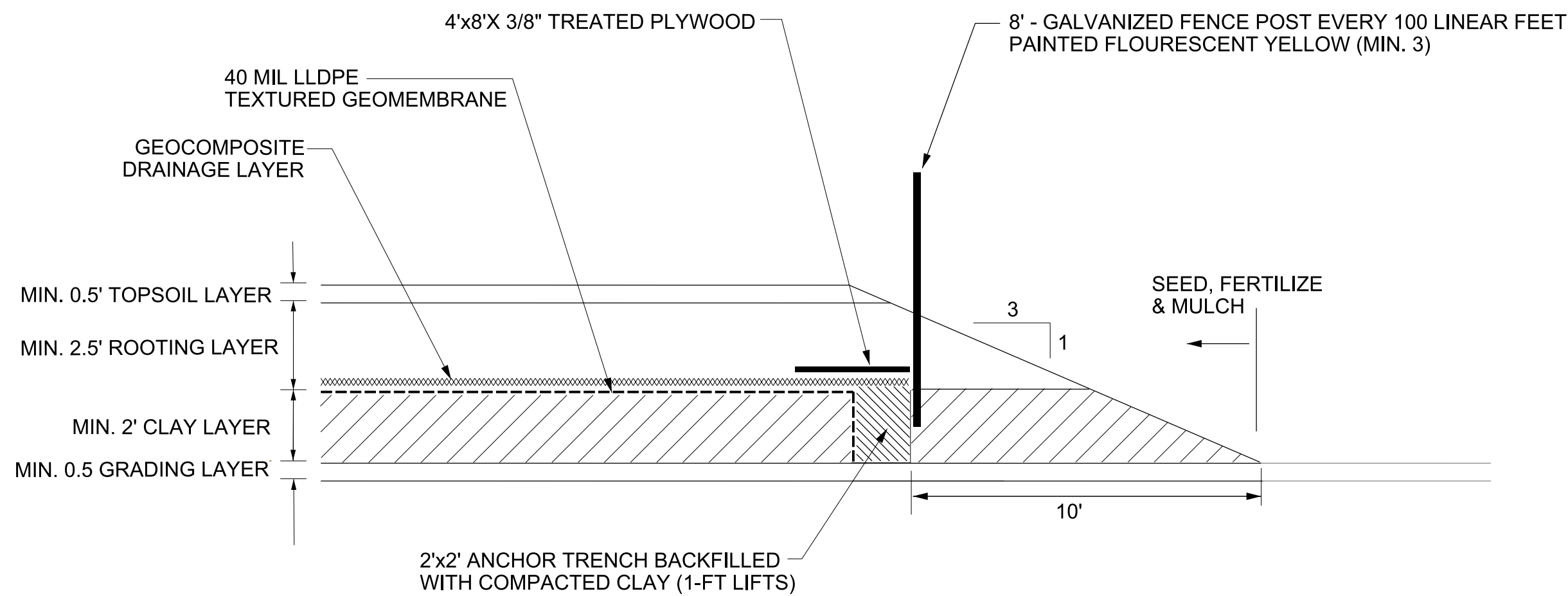
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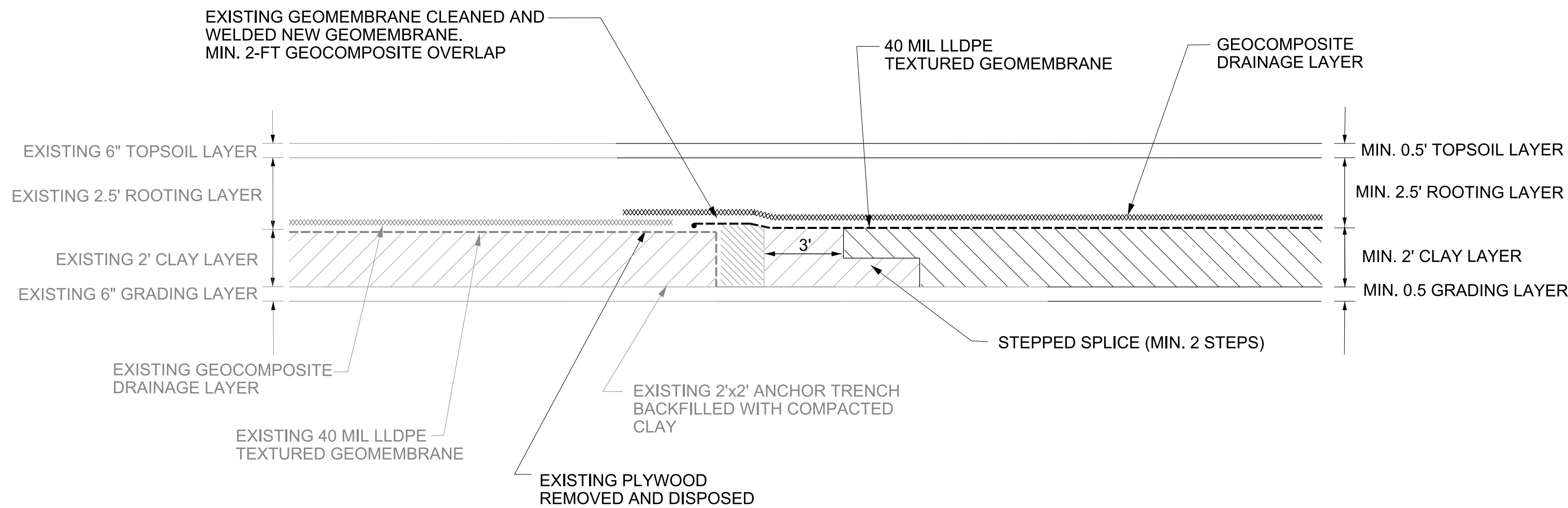
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C5.12
TYPICAL SECTION THROUGH WASTE CORE BERM
NOT TO SCALE



2
C5.12
TYPICAL SECTION THROUGH DAILY WASTE CORE BERM
CONSTRUCTION DURING DRY WEATHER CONDITIONS
NOT TO SCALE



3
C5.12
TYPICAL FINAL COVER TRANSITION DETAIL
NOT TO SCALE



4
C5.12
TYPICAL COVER SPLICE DETAIL
NOT TO SCALE



Foth Infrastructure & Environment, LLC
2121 Innovation Court, Suite 300
De Pere, WI 54155-5126
Phone: 920-497-2500 Fax: 920-497-8516



Outagamie County
RECYCLING & SOLID WASTE

ADDENDUM NO. 1
TO THE
PLAN OF OPERATION
FOR THE
OUTAGAMIE COUNTY
NORTHWEST LANDFILL

REVISIONS		DESCRIPTION	
NO.	BY	DATE	DESCRIPTION
1	MRS	12/20	ADDED LINE OF SITE AND BERM HEIGHT
2	MRS		
3	MRS		
4	MRS		
RECORD DRAWING OF COMPLETED CONSTRUCTION BY			
RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS.			
BY			DATE

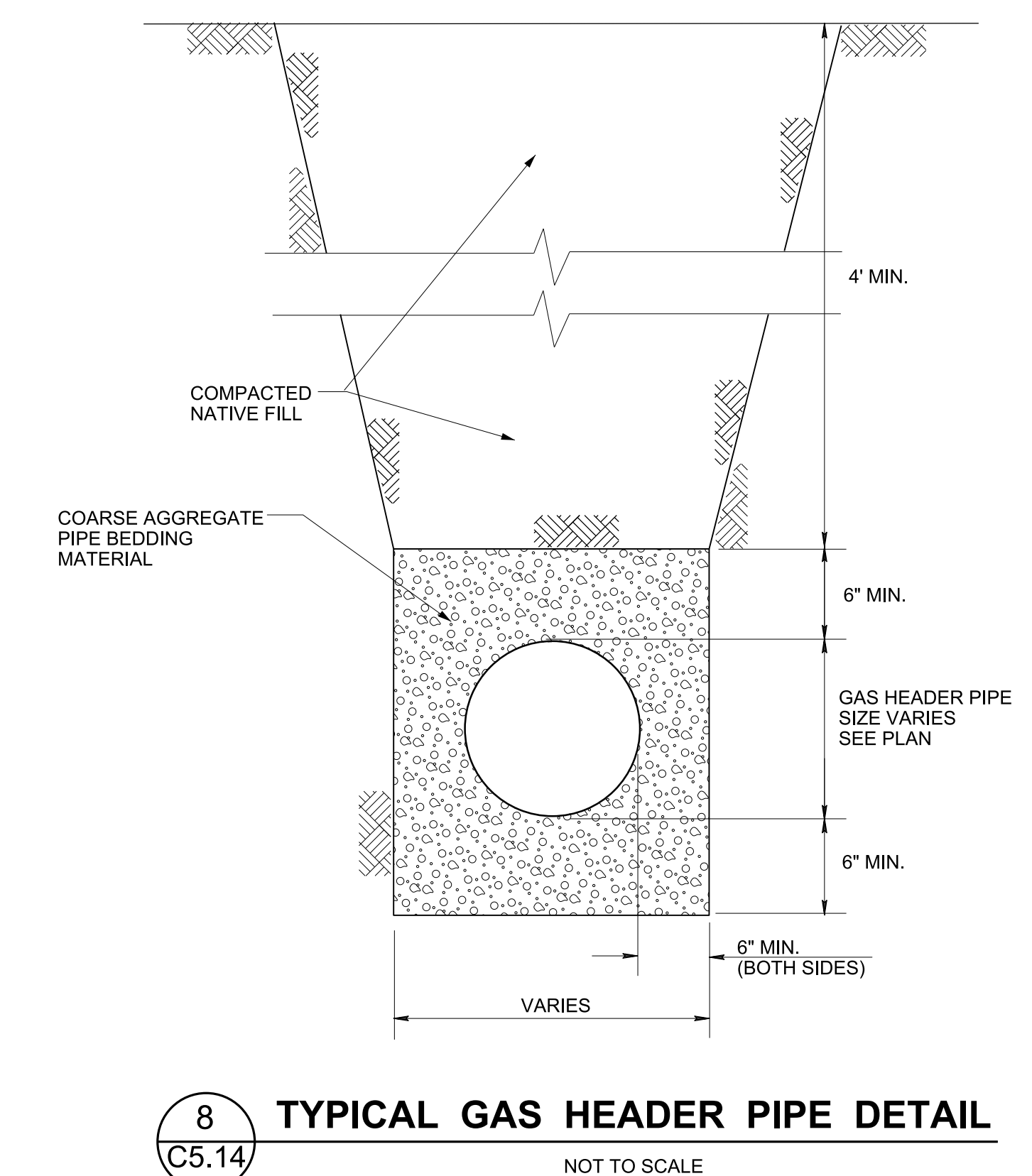
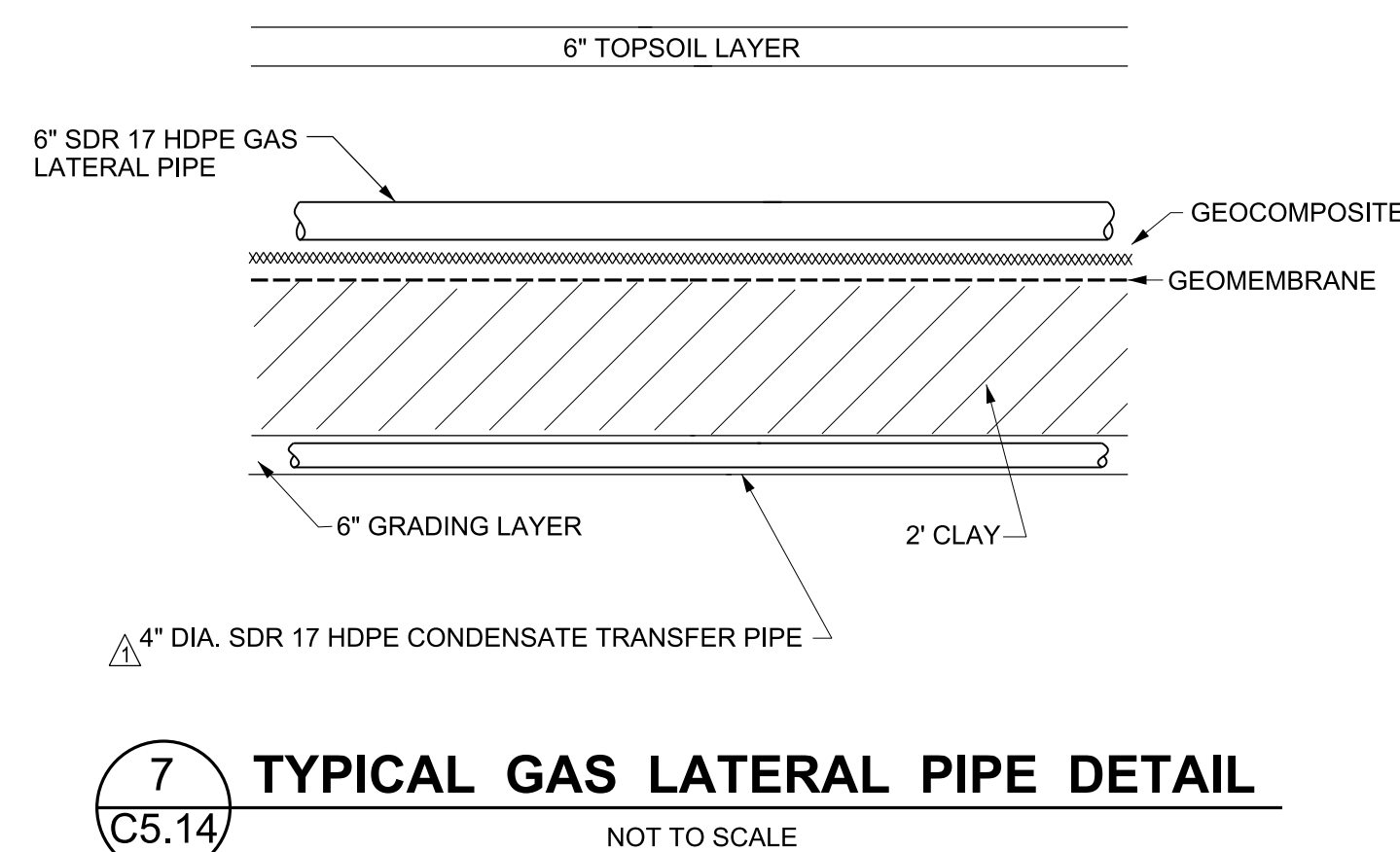
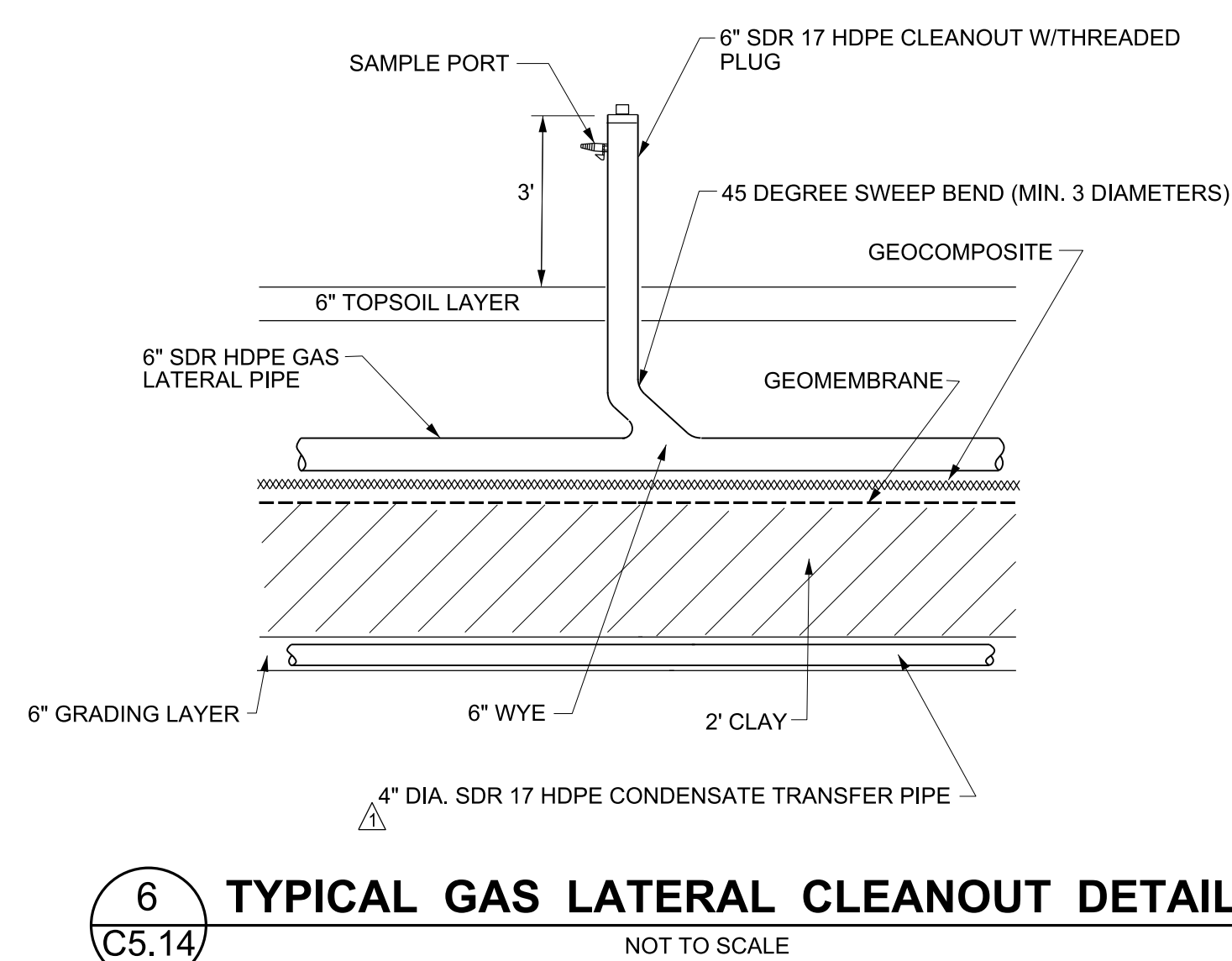
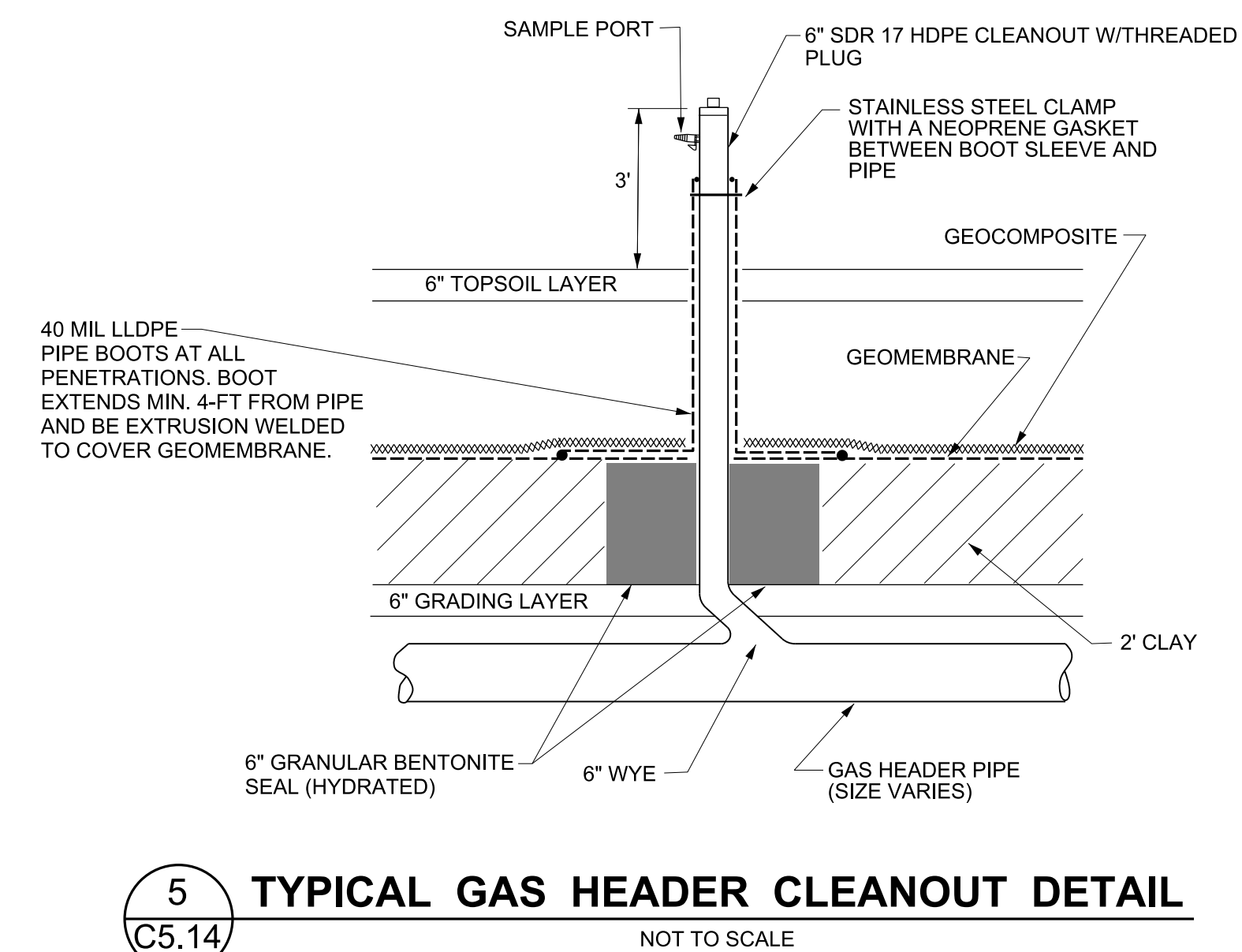
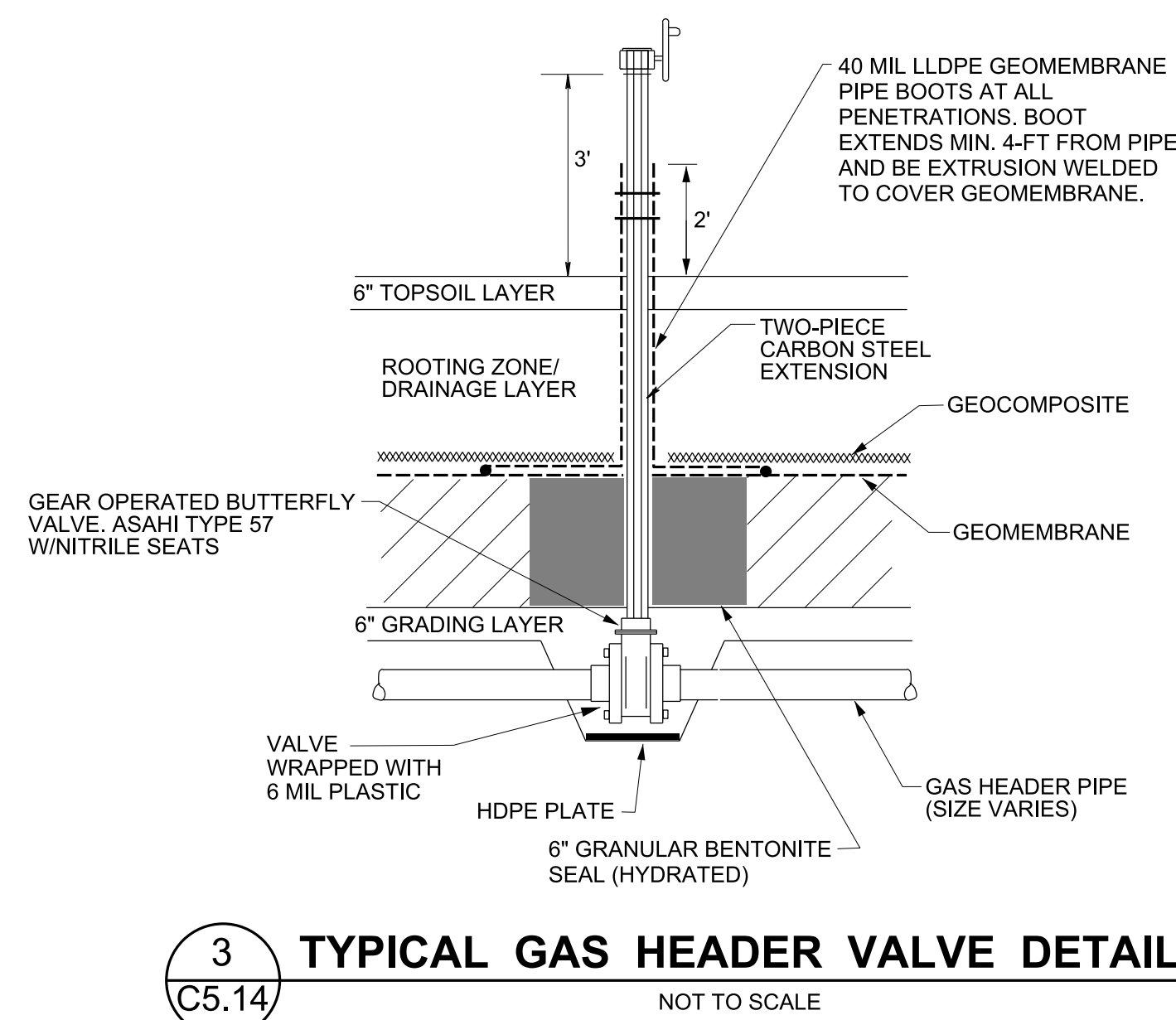
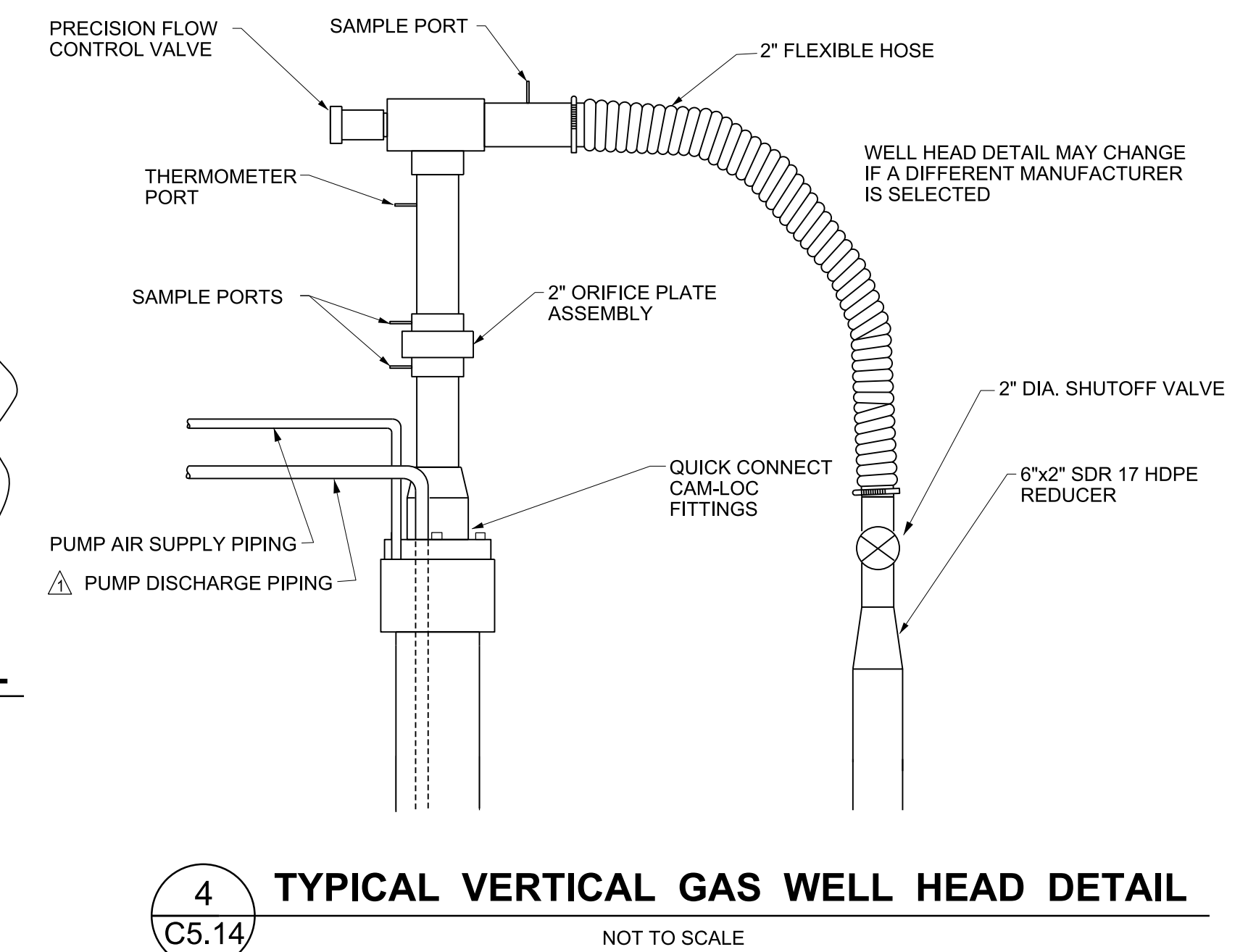
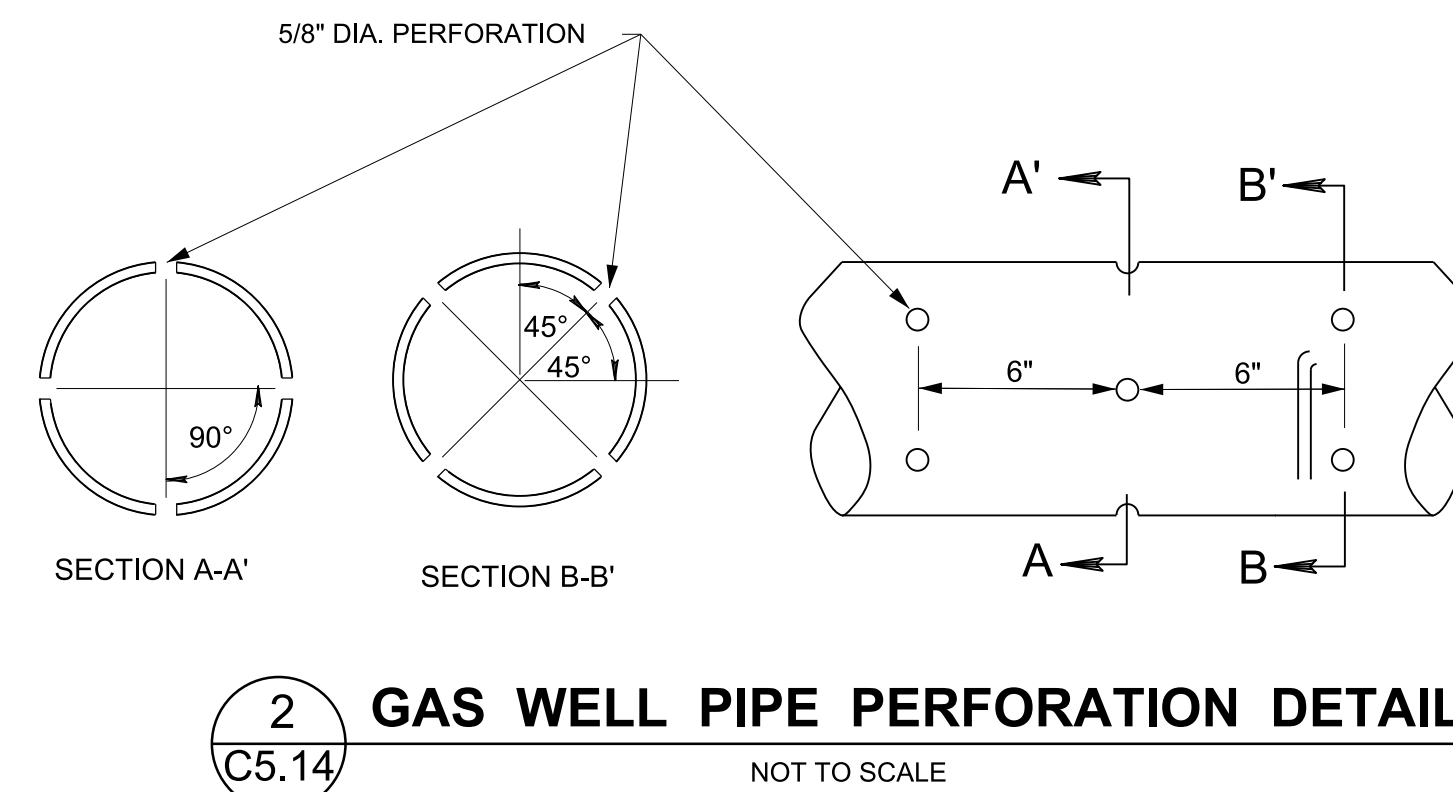
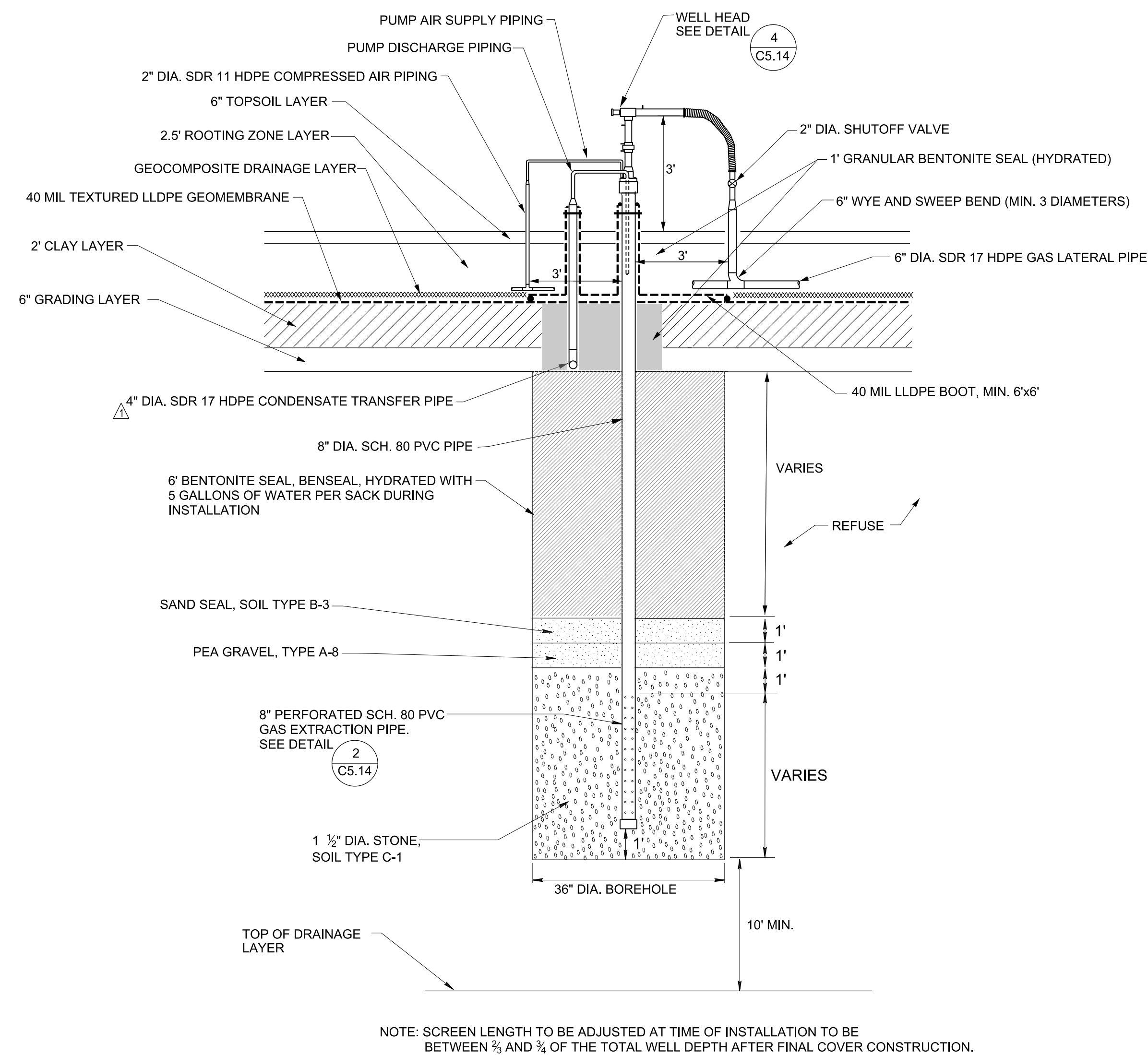
DATE OF PREPARATION		
BY	DATE	
SURVEYED		
DRAWN	MRS	JAN. 2021
DESIGNED	MRS	JAN. 2021
CHECKED	BJM	JAN. 2021

DETAILS

NOT TO SCALE

PROJECT ID: 190002.40

C5.12R



REVISIONS		
NO.	BY	DATE
1	MRS	12/20
2		
3		
4		
5		
RECORD DRAWING OF COMPLETED CONSTRUCTION BY		
RECORD DRAWINGS OF COMPLETED CONSTRUCTION		
CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS.		
BY	DATE	

DATE OF PREPARATION		
	BY	DATE
SURVEYED		
DRAWN	MRS	JAN. 2021
DESIGNED	MRS	JAN. 2021
CHECKED	BJM	JAN. 2021

DETAILS	
NOT TO SCALE	
PROJECT ID:	19O002.00
C5.14R	

