

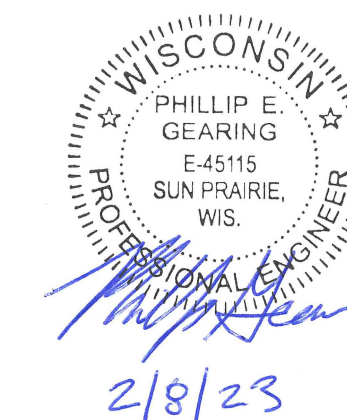
# MODULES 10 AND 11 LINER CONSTRUCTION DOCUMENTATION

## COLUMBIA DRY ASH DISPOSAL FACILITY LICENSE NO. 03025 TOWN OF PACIFIC COLUMBIA COUNTY, WISCONSIN

PREPARED FOR: WISCONSIN POWER AND LIGHT COMPANY  
COLUMBIA ENERGY CENTER

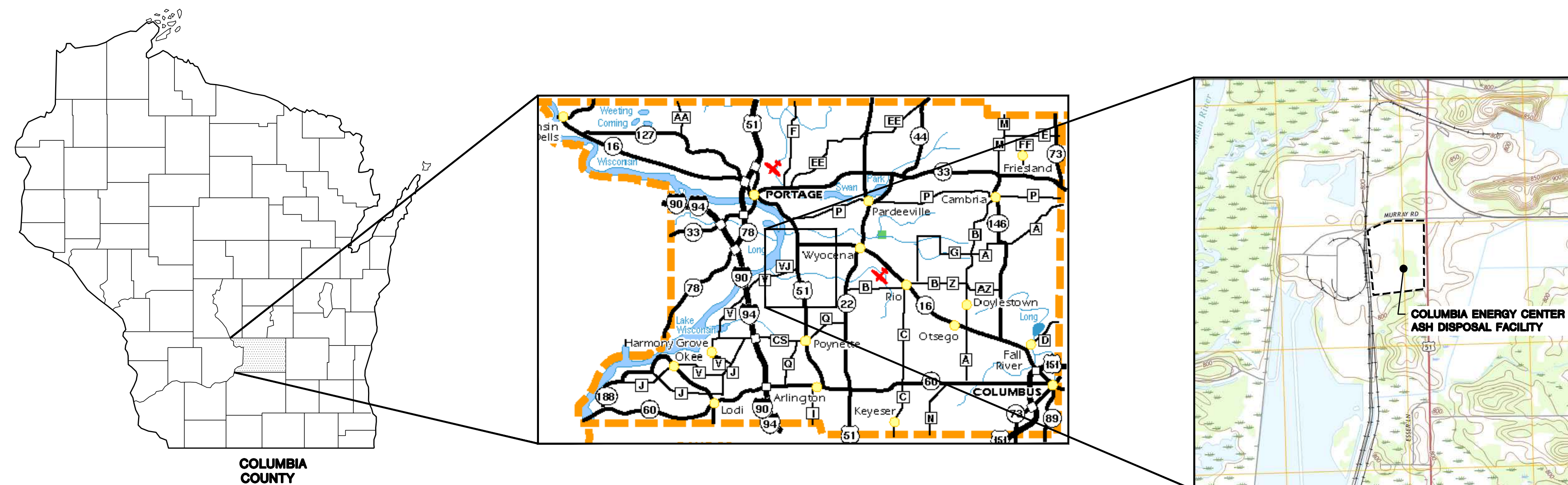
PREPARED BY: SCS ENGINEERS  
MADISON, WISCONSIN

DATE: FEBRUARY 2023



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7	LEACHATE COLLECTION SYSTEM - MODULES 10 AND 11
8	LEACHATE DRAINAGE LAYER - MODULES 10 AND 11
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WISCONSIN

COLUMBIA COUNTY

SITE  
LOCATOR MAP  
APPROXIMATE SCALE: 1"=2,000'

PROJECT NO. 2522157.01  
DRAWN: 07/11/2023  
CHECKED BY: ZB  
APPROVED BY: KP  
REC 02/08/2023

WISCONSIN ENGINEER AND LIGHT COMPANY  
COLUMBIA ENERGY CENTER  
88375 MURRAY ROAD  
PACIFICVILLE, WISCONSIN 53954

Wisconsin Power and Light Company  
CLIENT

SCS ENGINEERS  
2830 DARY DRIVE MADISON, WI 53718-6751  
PHONE: (608) 224-2830

ENGINEER

MODULES 10 AND 11 LINER  
CONSTRUCTION DOCUMENTATION  
COLUMBIA DRY ASH DISPOSAL FACILITY  
TOWN OF PACIFIC, WISCONSIN

SITE

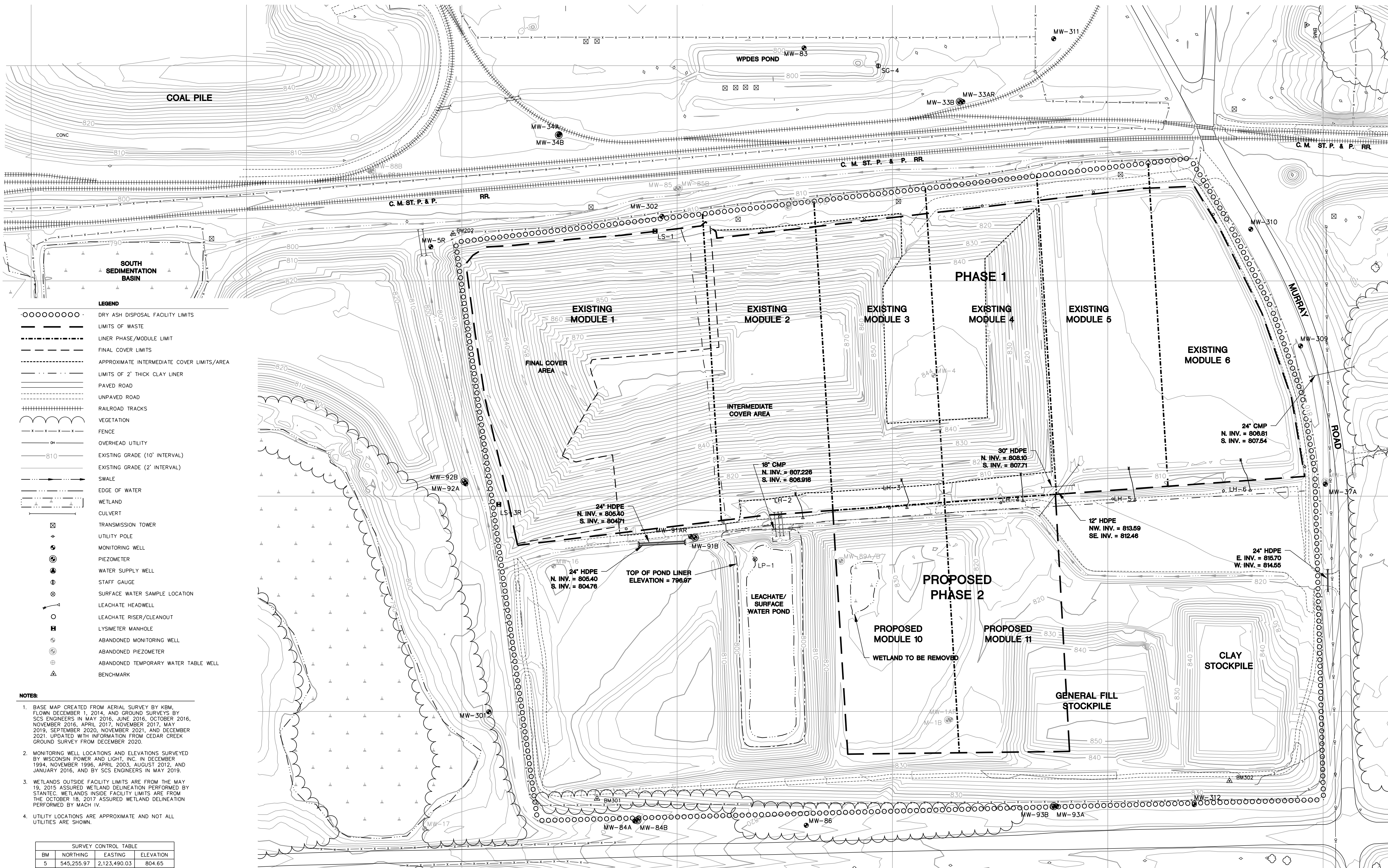
TITLE SHEET

SHEET  
1 of 13



540,500 N 541,000 N 541,500 N 542,000 N 542,500 N 543,000 N 543,500 N

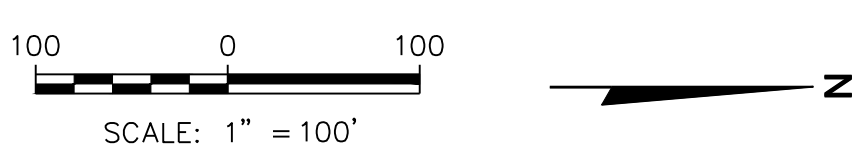
PROJECT NO. 2522157.01  
 DRAWN BY: KP  
 CHECKED BY: ZB  
 APPROVED BY: [Signature]  
 DATE: 07/11/2023  
 REVISION: 02/08/2023  
 WISCONSIN POWER AND LIGHT  
 COLUMBIA ENERGY CENTER  
 98375 MURRAY ROAD  
 FARGEAU, WISCONSIN 53954  
 CLIENT: Wisconsin Power and Light Company  
 SCS ENGINEERS  
 2830 BARRY DRIVE MADISON, WI 53718-6751  
 PHONE: (608) 224-2830  
 ENGINEER: [Signature]  
 NOTES TO AND 11 LINES  
 CONSTRUCTION DOCUMENTATION  
 COLUMBIA DRY ASH DISPOSAL FACILITY  
 TOWN OF PACIFIC, WISCONSIN  
 PRE-CONSTRUCTION CONDITIONS  
 SHEET  
 2 of 13



- LEGEND**
- DRY ASH DISPOSAL FACILITY LIMITS
  - LIMITS OF WASTE
  - LINER PHASE/MODULE LIMIT
  - FINAL COVER LIMITS
  - APPROXIMATE INTERMEDIATE COVER LIMITS/AREA
  - LIMITS OF 2' THICK CLAY LINER
  - ===== PAVED ROAD
  - UNPAVED ROAD
  - ===== RAILROAD TRACKS
  - VEGETATION
  - FENCE
  - OVERHEAD UTILITY
  - 810 EXISTING GRADE (10' INTERVAL)
  - EXISTING GRADE (2' INTERVAL)
  - SWALE
  - EDGE OF WATER
  - WETLAND
  - CULVERT
  - ☒ TRANSMISSION TOWER
  - ☐ UTILITY POLE
  - ☐ MONITORING WELL
  - ☐ PIEZOMETER
  - ☐ WATER SUPPLY WELL
  - ☐ STAFF GAUGE
  - ☐ SURFACE WATER SAMPLE LOCATION
  - ☐ LEACHATE HEADWELL
  - ☐ LEACHATE RISER/CLEANOUT
  - ☐ LYSIMETER MANHOLE
  - ☐ ABANDONED MONITORING WELL
  - ☐ ABANDONED PIEZOMETER
  - ☐ ABANDONED TEMPORARY WATER TABLE WELL
  - ☐ BENCHMARK

- NOTES**
- BASE MAP CREATED FROM AERIAL SURVEY BY KBM, FLOWN DECEMBER 1, 2014, AND GROUND SURVEYS BY SCS ENGINEERS IN MAY 2016, JUNE 2016, OCTOBER 2016, NOVEMBER 2016, APRIL 2017, NOVEMBER 2017, MAY 2019, SEPTEMBER 2020, NOVEMBER 2021, AND DECEMBER 2021. UPDATED WITH INFORMATION FROM CEDAR CREEK GROUND SURVEY FROM DECEMBER 2020.
  - MONITORING WELL LOCATIONS AND ELEVATIONS SURVEYED BY WISCONSIN POWER AND LIGHT, INC. IN DECEMBER 1994, NOVEMBER 1996, APRIL 2003, AUGUST 2012, AND JANUARY 2016, AND BY SCS ENGINEERS IN MAY 2019.
  - WETLANDS OUTSIDE FACILITY LIMITS ARE FROM THE MAY 19, 2015 ASSURED WETLAND DELINEATION PERFORMED BY STANTEC. WETLANDS INSIDE FACILITY LIMITS ARE FROM THE OCTOBER 18, 2017 ASSURED WETLAND DELINEATION PERFORMED BY MACH IV.
  - UTILITY LOCATIONS ARE APPROXIMATE AND NOT ALL UTILITIES ARE SHOWN.

BM	NORTHING	EASTING	ELEVATION
5	545,255.97	2,123,490.03	804.65
6	543,461.54	2,123,405.36	834.12
200	543,198.15	2,122,700.71	807.33
201	545,080.64	2,121,666.84	803.68
202	541,479.47	2,123,890.79	803.46
301	541,814.021	2,125,202.881	819.014
302	543,282.51	2,125,161.48	837.643





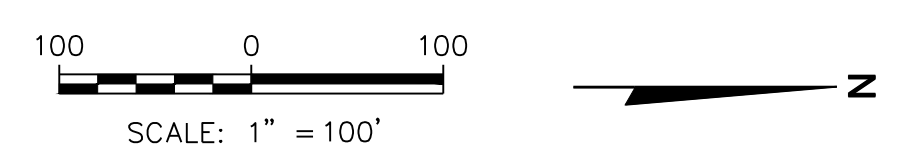
540,500 N 541,000 N 541,500 N 542,000 N 542,500 N 543,000 N 543,500 N



- LEGEND**
- DRY ASH DISPOSAL FACILITY LIMITS
  - LIMITS OF WASTE
  - LINER PHASE/MODULE LIMIT
  - FINAL COVER LIMITS
  - APPROXIMATE INTERMEDIATE COVER LIMITS/AREA
  - LIMITS OF 2' THICK CLAY LINER
  - ===== PAVED ROAD
  - UNPAVED ROAD
  - RAILROAD TRACKS
  - VEGETATION
  - FENCE
  - OVERHEAD UTILITY
  - 810 EXISTING GRADE (10' INTERVAL)
  - 810 EXISTING GRADE (2' INTERVAL)
  - SWALE
  - EDGE OF WATER
  - WETLAND
  - CULVERT
  - ⊠ TRANSMISSION TOWER
  - ⊕ UTILITY POLE
  - ⊕ MONITORING WELL
  - ⊕ PIEZOMETER
  - ⊕ WATER SUPPLY WELL
  - ⊕ STAFF GAUGE
  - ⊕ SURFACE WATER SAMPLE LOCATION
  - ⊕ LEACHATE HEADWELL
  - ⊕ LEACHATE RISER/CLEANOUT
  - ⊕ LYSIMETER MANHOLE
  - ⊕ ABANDONED MONITORING WELL
  - ⊕ ABANDONED PIEZOMETER
  - ⊕ ABANDONED TEMPORARY WATER TABLE WELL
  - ⊕ BENCHMARK

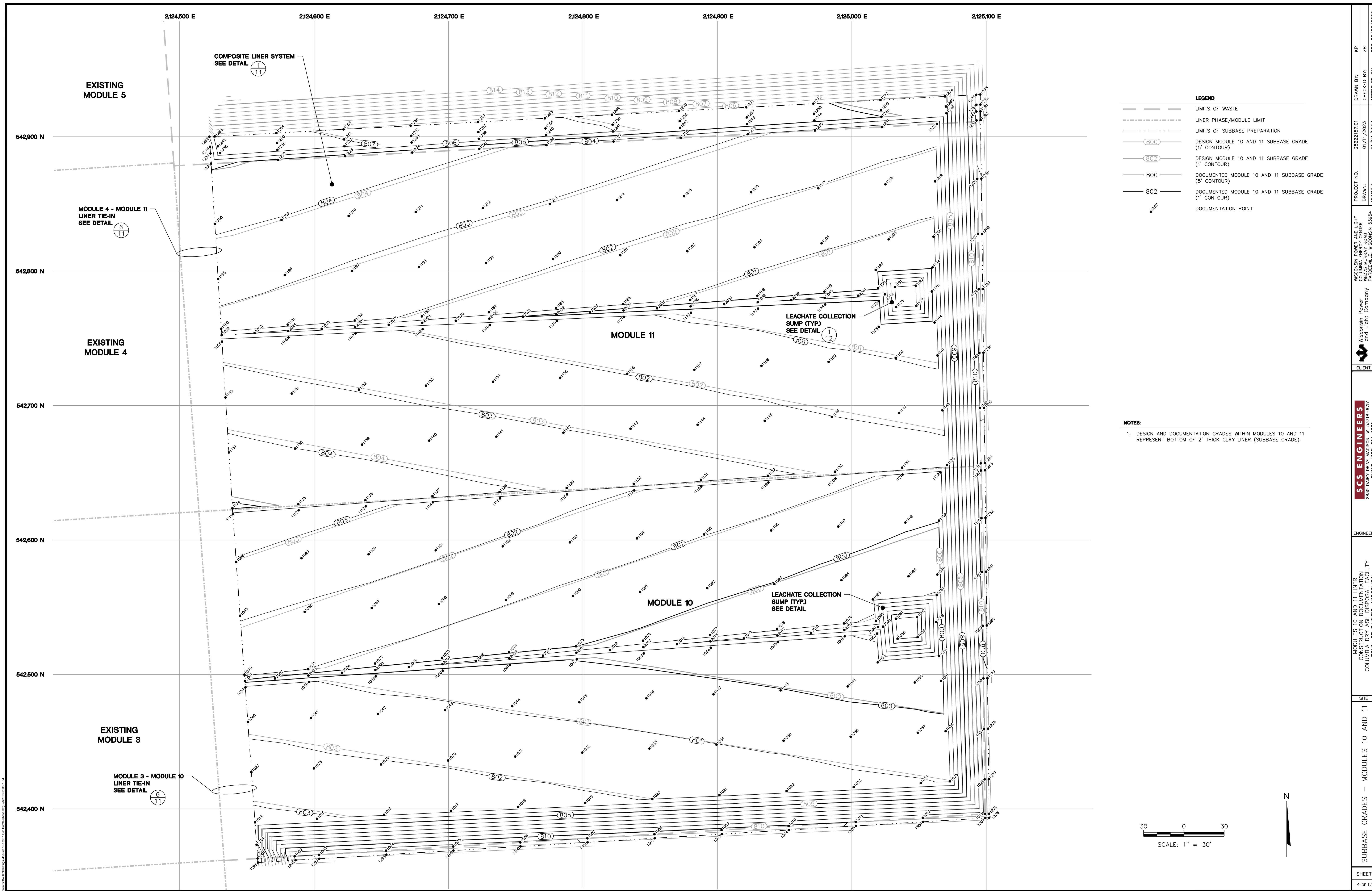
**NOTES**

1. BASE MAP CREATED FROM AERIAL SURVEY BY KBM, FLOWN DECEMBER 1, 2014, AND GROUND SURVEY BY SCS ENGINEERS IN DECEMBER 2020, AND BY DRONE SURVEY BY AMES ON JANUARY 17, 2023.
2. SEE SHEET 2 FOR ADDITIONAL BASE MAP NOTES.



PROJECT NO. 2522127.01  
DRAWN BY: KP  
CHECKED BY: ZB  
APPROVED BY: [Signature]  
REVISION: 07/11/2023  
02/08/2023  
WISCONSIN POWER AND LIGHT  
COLUMBIA ENERGY CENTER  
88375 MURRAY ROAD  
FARGESVILLE, WISCONSIN 53954  
CLIENT: Wisconsin Power and Light Company  
SCS ENGINEERS  
2830 BARRY DRIVE MADISON, WI 53718-6751  
PHONE: (608) 224-2830  
ENGINEER: [Signature]  
SITES: COLUMBIA DRY ASH DISPOSAL FACILITY  
TOWN OF PACIFIC, WISCONSIN  
POST-CONSTRUCTION OVERALL SITE LAYOUT  
SHEET 3 of 13



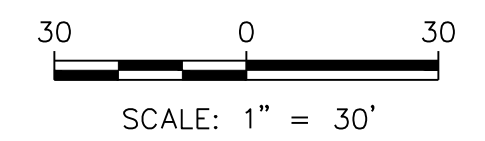


**LEGEND**

---	LIMITS OF WASTE
---	LINER PHASE/MODULE LIMIT
---	LIMITS OF SUBBASE PREPARATION
(800)	DESIGN MODULE 10 AND 11 SUBBASE GRADE (5' CONTOUR)
(802)	DESIGN MODULE 10 AND 11 SUBBASE GRADE (1' CONTOUR)
800	DOCUMENTED MODULE 10 AND 11 SUBBASE GRADE (5' CONTOUR)
802	DOCUMENTED MODULE 10 AND 11 SUBBASE GRADE (1' CONTOUR)
●	DOCUMENTATION POINT

**NOTES:**

- DESIGN AND DOCUMENTATION GRADES WITHIN MODULES 10 AND 11 REPRESENT BOTTOM OF 2' THICK CLAY LINER (SUBBASE GRADE).



PROJECT NO. 2522157.01  
 DRAWN BY: 01/11/2023  
 CHECKED BY: ZB  
 APPROVED BY: PEG 02/08/2023

WISCONSIN ENGINEERS AND LIGHT CONSULTANTS  
 COLUMBIA ENERGY CENTER  
 98375 MURRAY ROAD  
 FARGENTVILLE, WISCONSIN 53954

Wisconsin Power and Light Company  
 CLIENT

**SCS ENGINEERS**  
 2830 DARY DRIVE MADISON, WI 53718-6751  
 PHONE: (608) 224-2830

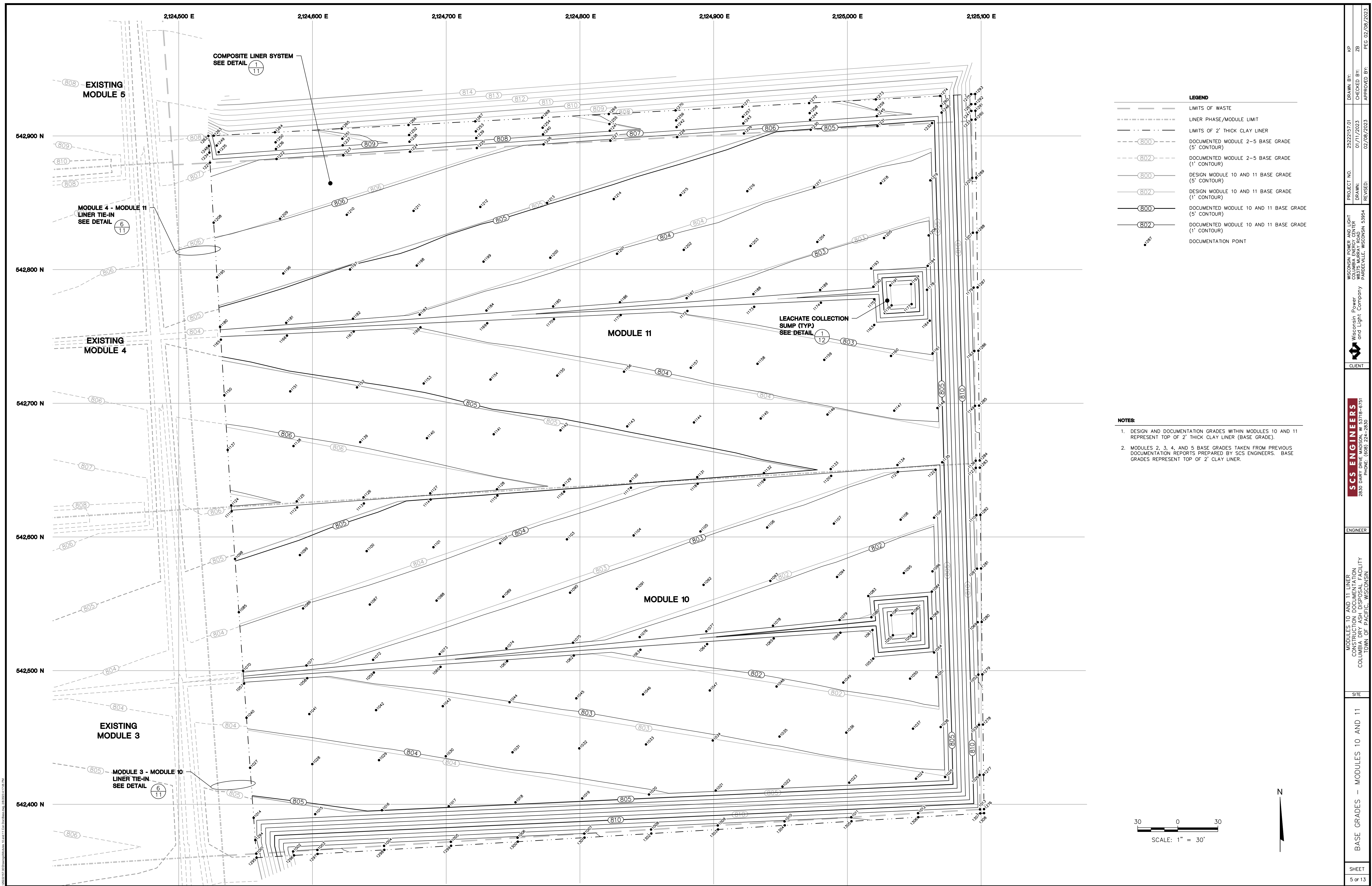
ENGINEER

MODULES 10 AND 11 LINER CONSTRUCTION DOCUMENTATION  
 COLUMBIA DRY ASH DISPOSAL FACILITY  
 TOWN OF PACIFIC, WISCONSIN

SUBBASE GRADES - MODULES 10 AND 11

SHEET 4 of 13

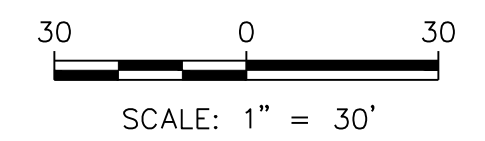




**LEGEND**

- LIMITS OF WASTE
- LINER PHASE/MODULE LIMIT
- LIMITS OF 2' THICK CLAY LINER
- - - - - 800 --- DOCUMENTED MODULE 2-5 BASE GRADE (5' CONTOUR)
- - - - - 802 --- DOCUMENTED MODULE 2-5 BASE GRADE (1' CONTOUR)
- - - - - 800 --- DESIGN MODULE 10 AND 11 BASE GRADE (5' CONTOUR)
- - - - - 802 --- DESIGN MODULE 10 AND 11 BASE GRADE (1' CONTOUR)
- - - - - 800 --- DOCUMENTED MODULE 10 AND 11 BASE GRADE (5' CONTOUR)
- - - - - 802 --- DOCUMENTED MODULE 10 AND 11 BASE GRADE (1' CONTOUR)
- 2997 --- DOCUMENTATION POINT

- NOTES:**
- DESIGN AND DOCUMENTATION GRADES WITHIN MODULES 10 AND 11 REPRESENT TOP OF 2' THICK CLAY LINER (BASE GRADE).
  - MODULES 2, 3, 4, AND 5 BASE GRADES TAKEN FROM PREVIOUS DOCUMENTATION REPORTS PREPARED BY SCS ENGINEERS. BASE GRADES REPRESENT TOP OF 2' CLAY LINER.



PROJECT NO. 2522197.01  
 DRAWN BY: KP  
 CHECKED BY: ZB  
 APPROVED BY: PEG 02/08/2023

WISCONSIN ENGINEERS AND ARCHITECTS  
 COLUMBIA ENERGY CENTER  
 98375 MURRAY ROAD  
 FARGENTVILLE, WISCONSIN 53954

Wisconsin Power and Light Company  
 CLIENT

**SCS ENGINEERS**  
 2830 DARY DRIVE MADISON, WI 53718-6751  
 PHONE: (608) 224-2830

ENGINEER

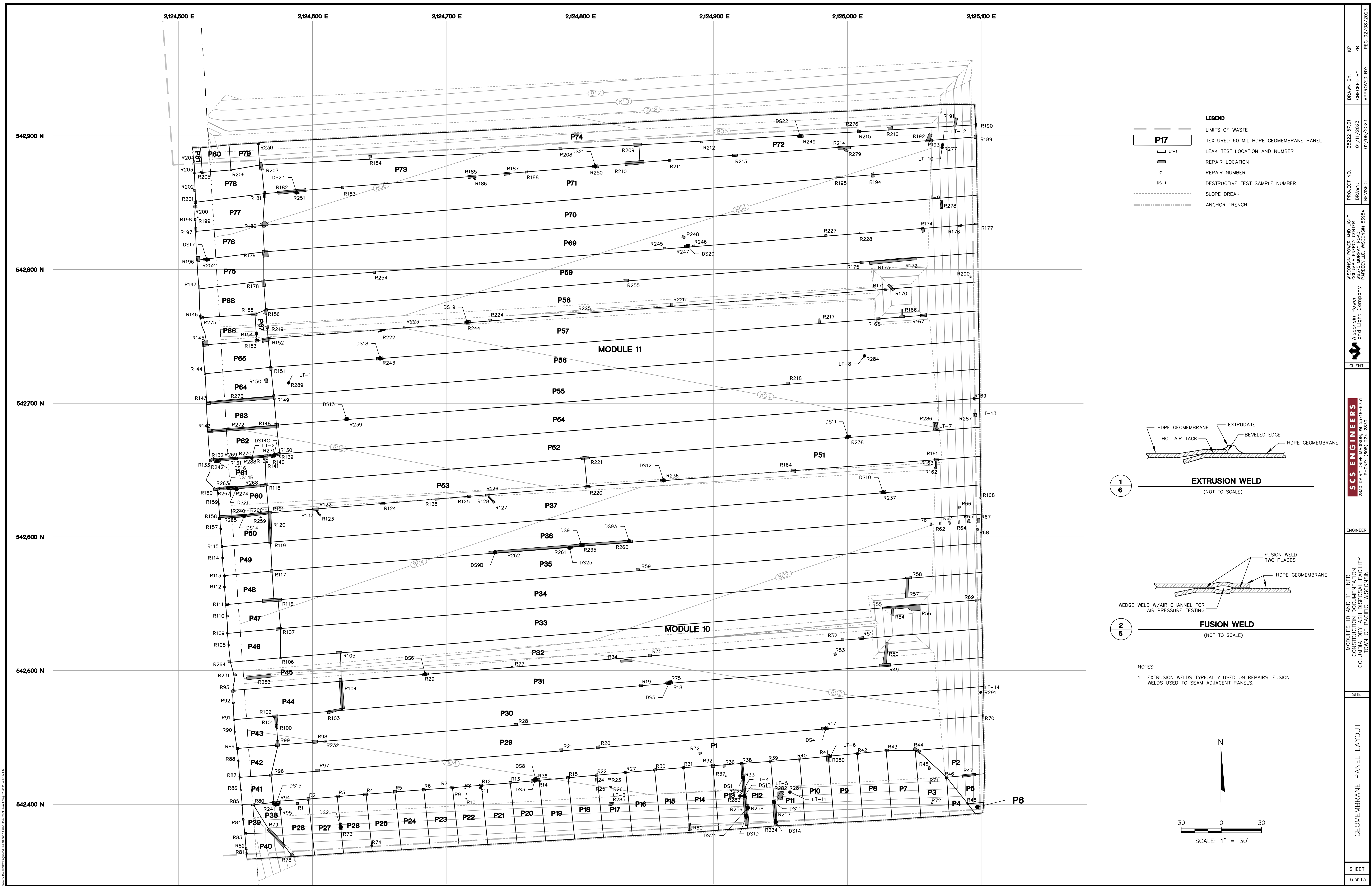
MODULES 10 AND 11 LINER CONSTRUCTION DOCUMENTATION  
 COLUMBIA DRY ASH DISPOSAL FACILITY  
 TOWN OF PACIFIC, WISCONSIN

SITE

BASE GRADES - MODULES 10 AND 11

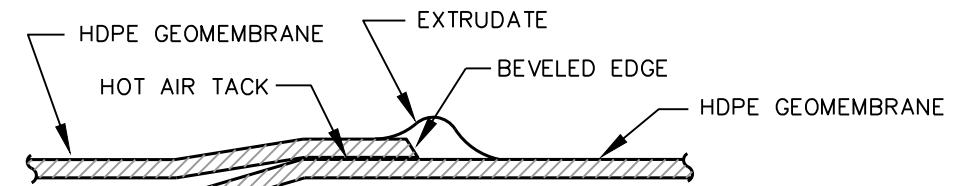
SHEET  
 5 of 13



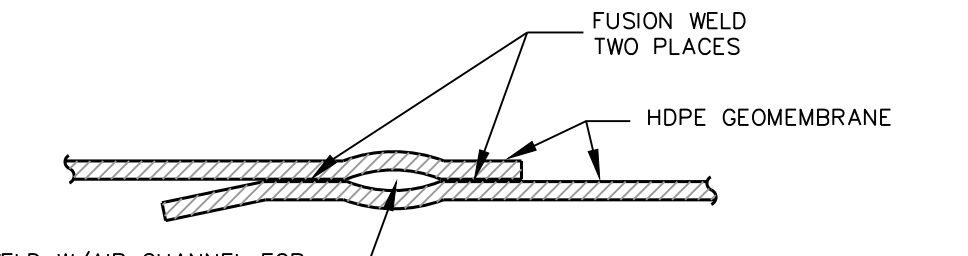


**LEGEND**

---	LIMITS OF WASTE
<b>P17</b>	TEXTURED 60 MIL HDPE GEOMEMBRANE PANEL
LT-1	LEAK TEST LOCATION AND NUMBER
R1	REPAIR LOCATION
R1	REPAIR NUMBER
DS-1	DESTRUCTIVE TEST SAMPLE NUMBER
---	SLOPE BREAK
---	ANCHOR TRENCH

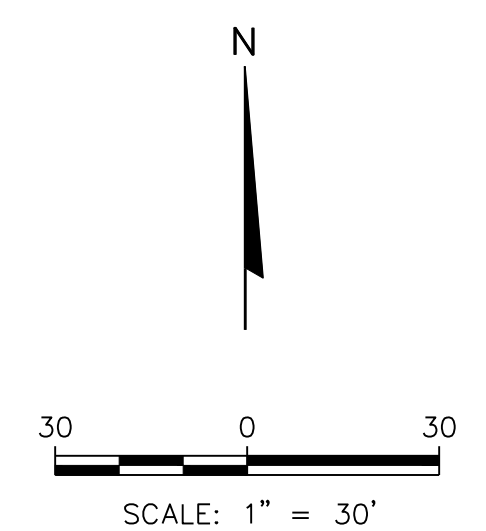


**1**  
**6**  
**EXTRUSION WELD**  
(NOT TO SCALE)



**2**  
**6**  
**FUSION WELD**  
(NOT TO SCALE)

NOTES:  
1. EXTRUSION WELDS TYPICALLY USED ON REPAIRS. FUSION WELDS USED TO SEAM ADJACENT PANELS.



PROJECT NO. 2522157.01  
DRAWN BY: KP  
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APPROVED BY: PEG 02/08/2023

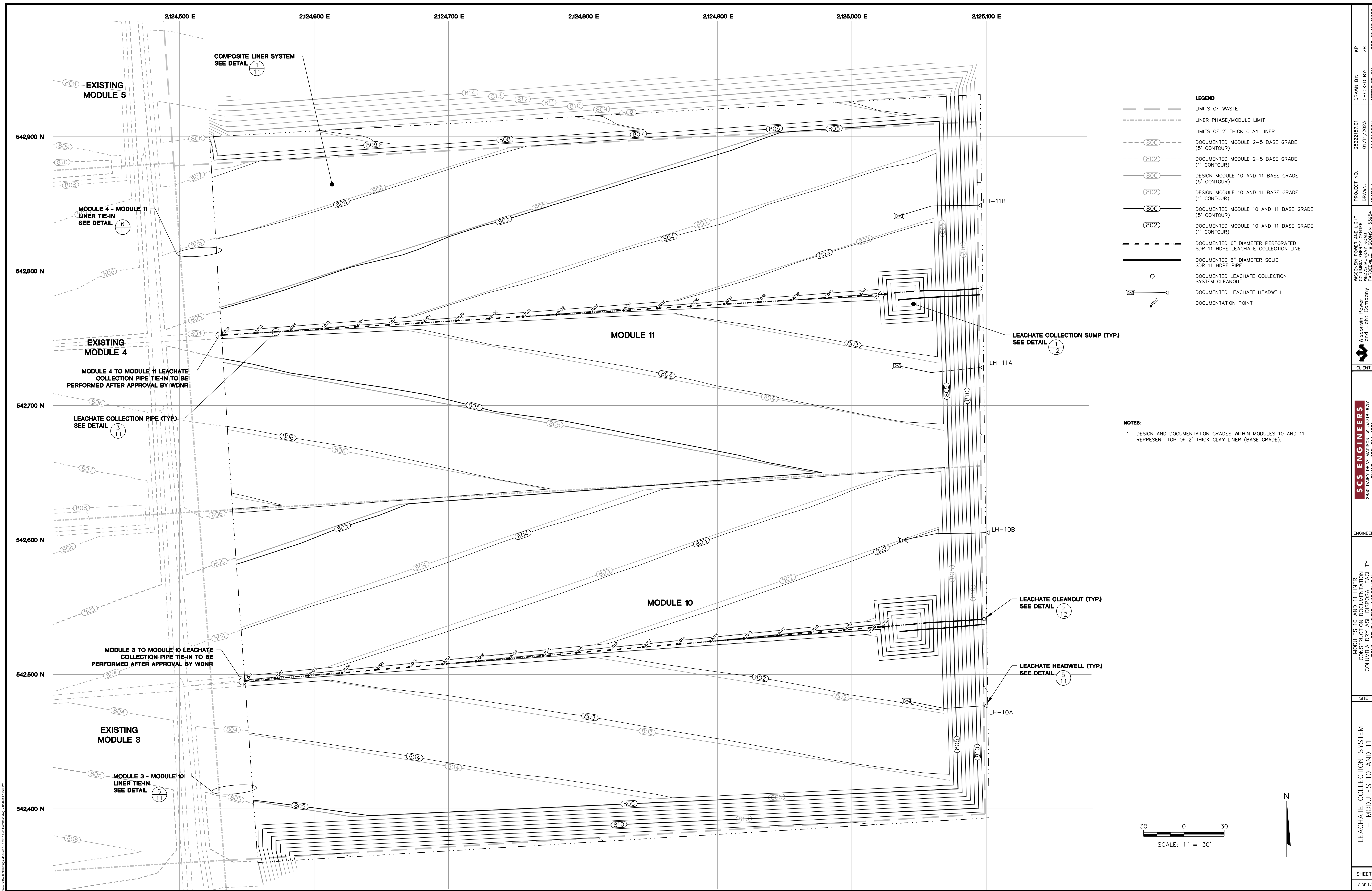
WISCONSIN ENGINEERS AND LIGHT CONSTRUCTION DOCUMENTAL COLUMBIA ENERGY CENTER 98375 MURRAY ROAD FARGENTALE, WISCONSIN 53954  
Wisconsin Power and Light Company  
CLIENT

**SCS ENGINEERS**  
2830 DARIY DRIVE MADISON, WI 53718-6751  
PHONE: (608) 224-2830  
ENGINEER

MODULES 10 AND 11 LINES CONSTRUCTION DOCUMENTAL COLUMBIA DRY ASH DISPOSAL FACILITY TOWN OF PACIFIC, WISCONSIN  
SITE

GEOMEMBRANE PANEL LAYOUT  
SHEET  
6 OF 13





COMPOSITE LINER SYSTEM  
SEE DETAIL (1/11)

EXISTING  
MODULE 5

MODULE 4 - MODULE 11  
LINER TIE-IN  
SEE DETAIL (6/11)

EXISTING  
MODULE 4

MODULE 4 TO MODULE 11 LEACHATE  
COLLECTION PIPE TIE-IN TO BE  
PERFORMED AFTER APPROVAL BY WDNR

LEACHATE COLLECTION PIPE (TYP.)  
SEE DETAIL (3/11)

EXISTING  
MODULE 3

MODULE 3 - MODULE 10  
LINER TIE-IN  
SEE DETAIL (6/11)

MODULE 11

MODULE 10

LEACHATE COLLECTION SUMP (TYP.)  
SEE DETAIL (1/12)

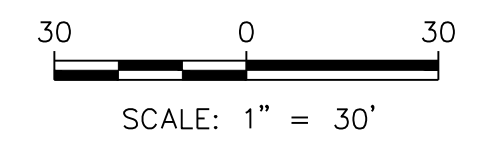
LEACHATE CLEANOUT (TYP.)  
SEE DETAIL (2/12)

LEACHATE HEADWELL (TYP.)  
SEE DETAIL (5/11)

**LEGEND**

- LIMITS OF WASTE
- LINER PHASE/MODULE LIMIT
- LIMITS OF 2' THICK CLAY LINER
- - - - - 800 --- DOCUMENTED MODULE 2-5 BASE GRADE (5' CONTOUR)
- - - - - 802 --- DOCUMENTED MODULE 2-5 BASE GRADE (1' CONTOUR)
- - - - - 800 --- DESIGN MODULE 10 AND 11 BASE GRADE (5' CONTOUR)
- - - - - 802 --- DESIGN MODULE 10 AND 11 BASE GRADE (1' CONTOUR)
- - - - - 800 --- DOCUMENTED MODULE 10 AND 11 BASE GRADE (5' CONTOUR)
- - - - - 802 --- DOCUMENTED MODULE 10 AND 11 BASE GRADE (1' CONTOUR)
- - - - - 6" --- DOCUMENTED 6" DIAMETER PERFORATED SDR 11 HDPE LEACHATE COLLECTION LINE
- - - - - 6" --- DOCUMENTED 6" DIAMETER SOLID SDR 11 HDPE PIPE
- --- DOCUMENTED LEACHATE COLLECTION SYSTEM CLEANOUT
- ⊗ --- DOCUMENTED LEACHATE HEADWELL
- --- DOCUMENTATION POINT

**NOTES:**  
1. DESIGN AND DOCUMENTATION GRADES WITHIN MODULES 10 AND 11 REPRESENT TOP OF 2' THICK CLAY LINER (BASE GRADE).



PROJECT NO. 2522157.01  
DRAWN BY: KP  
CHECKED BY: ZB  
APPROVED BY: PEG 02/08/2023

WISCONSIN ENGINEERS AND ARCHITECTS  
COLUMBIA ENERGY CENTER  
18375 MURRAY ROAD  
FARGENTALE, WISCONSIN 53954

CLIENT: Wisconsin Power and Light Company

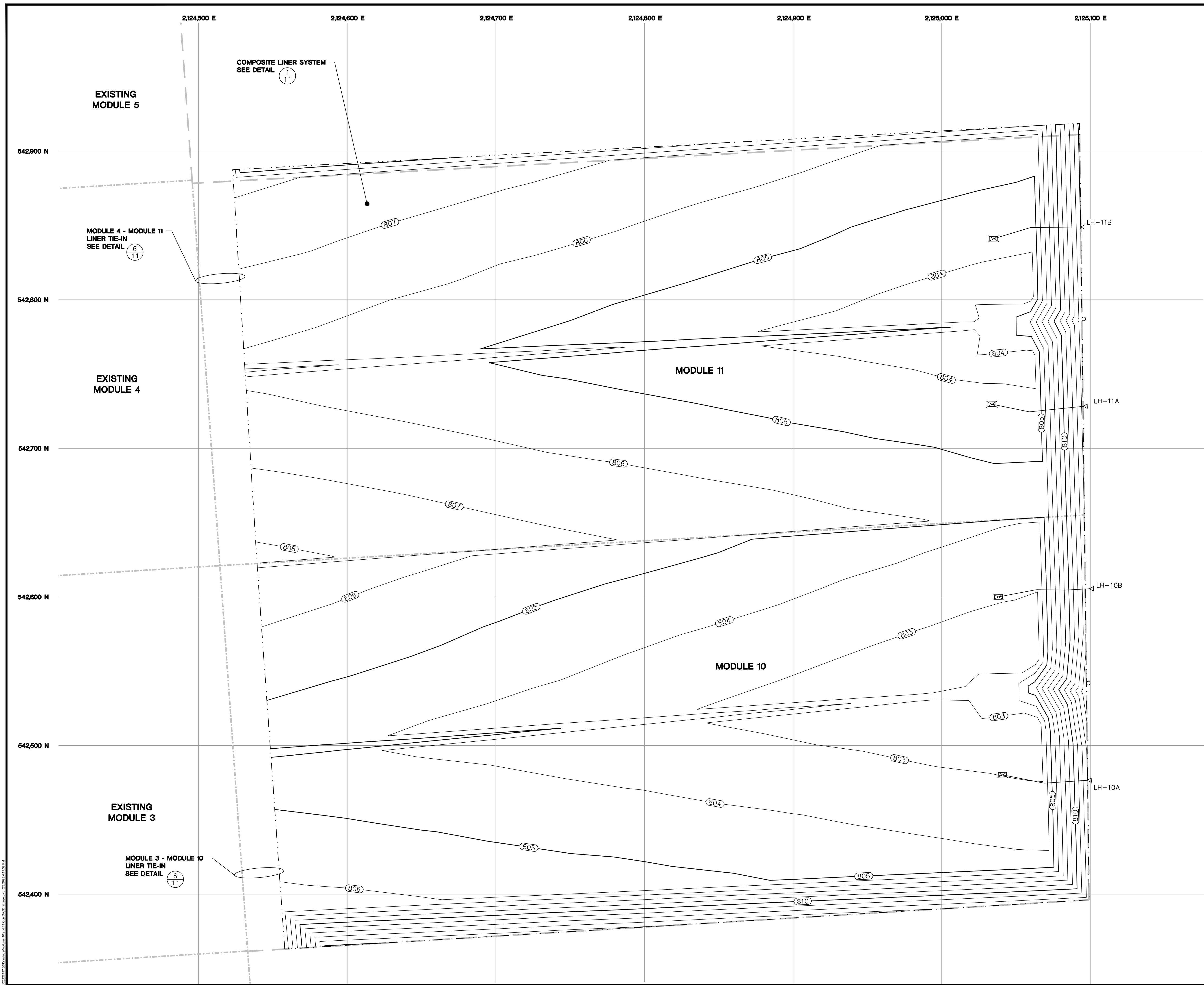
**SCS ENGINEERS**  
2830 DARY DRIVE MADISON, WI 53718-6751  
PHONE: (608) 224-2830

ENGINEER

SITE: LEACHATE COLLECTION SYSTEM - MODULES 10 AND 11

SHEET: 7 of 13



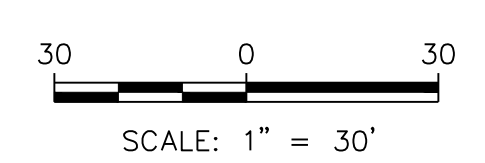


**LEGEND**

- LIMITS OF WASTE
- - - - - LINER PHASE/MODULE LIMIT
- - - - - LIMITS OF 2' THICK CLAY LINER
- 800 DOCUMENTED MODULE 10 AND 11 DRAINAGE LAYER GRADE (5' CONTOUR)
- 802 DOCUMENTED MODULE 10 AND 11 DRAINAGE LAYER GRADE (1' CONTOUR)
- DOCUMENTED LEACHATE COLLECTION SYSTEM CLEANOUT
- ⊗ DOCUMENTED LEACHATE HEADWELL

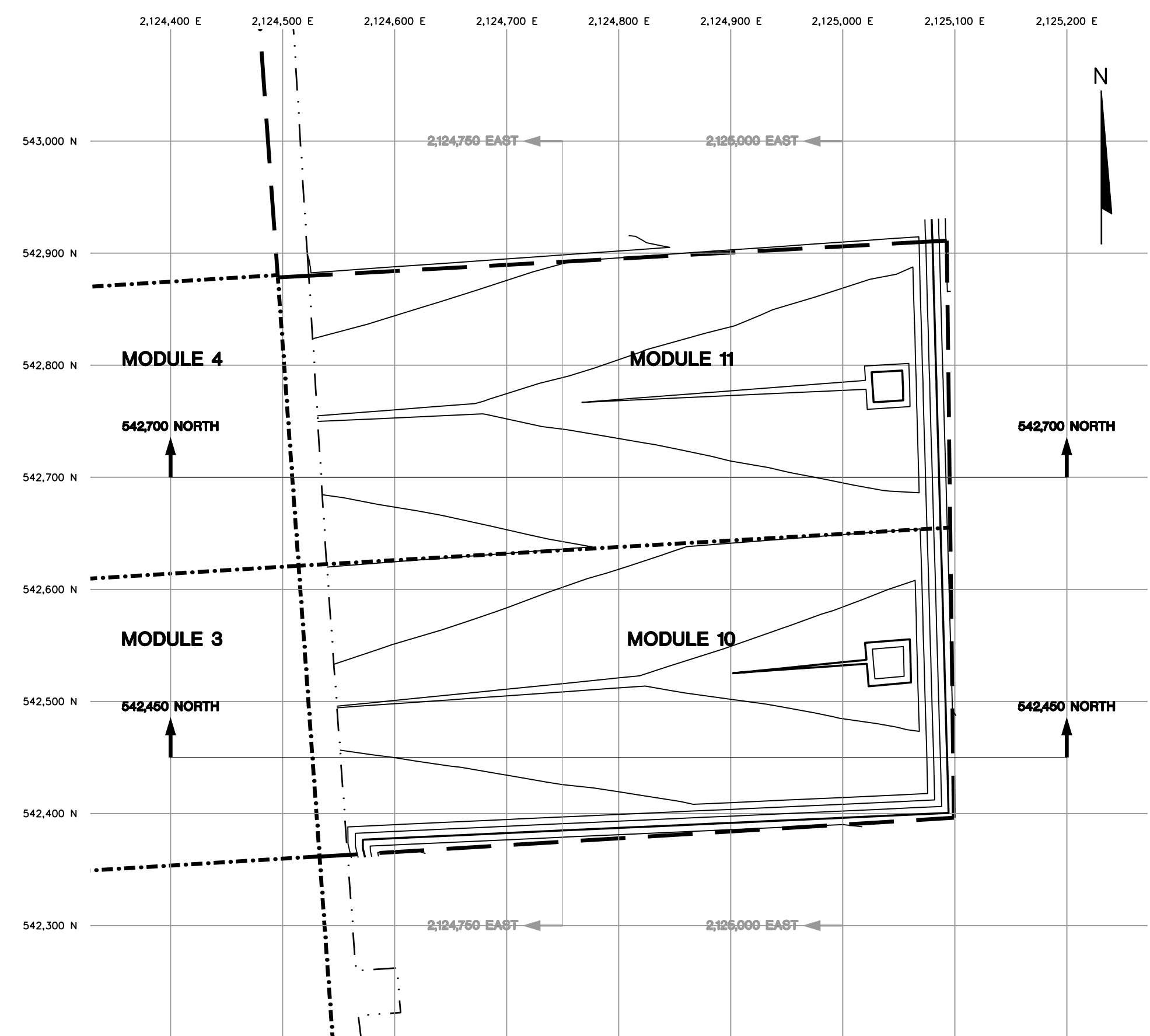
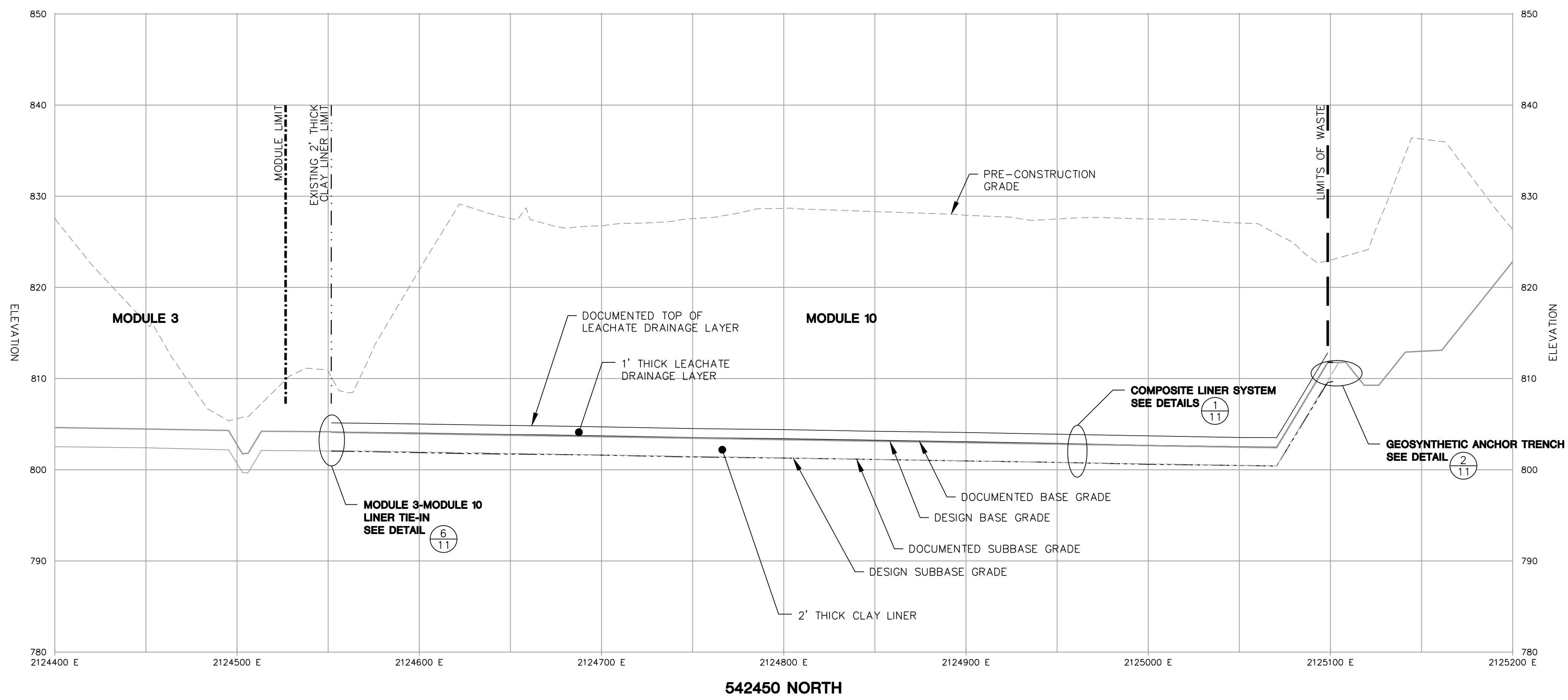
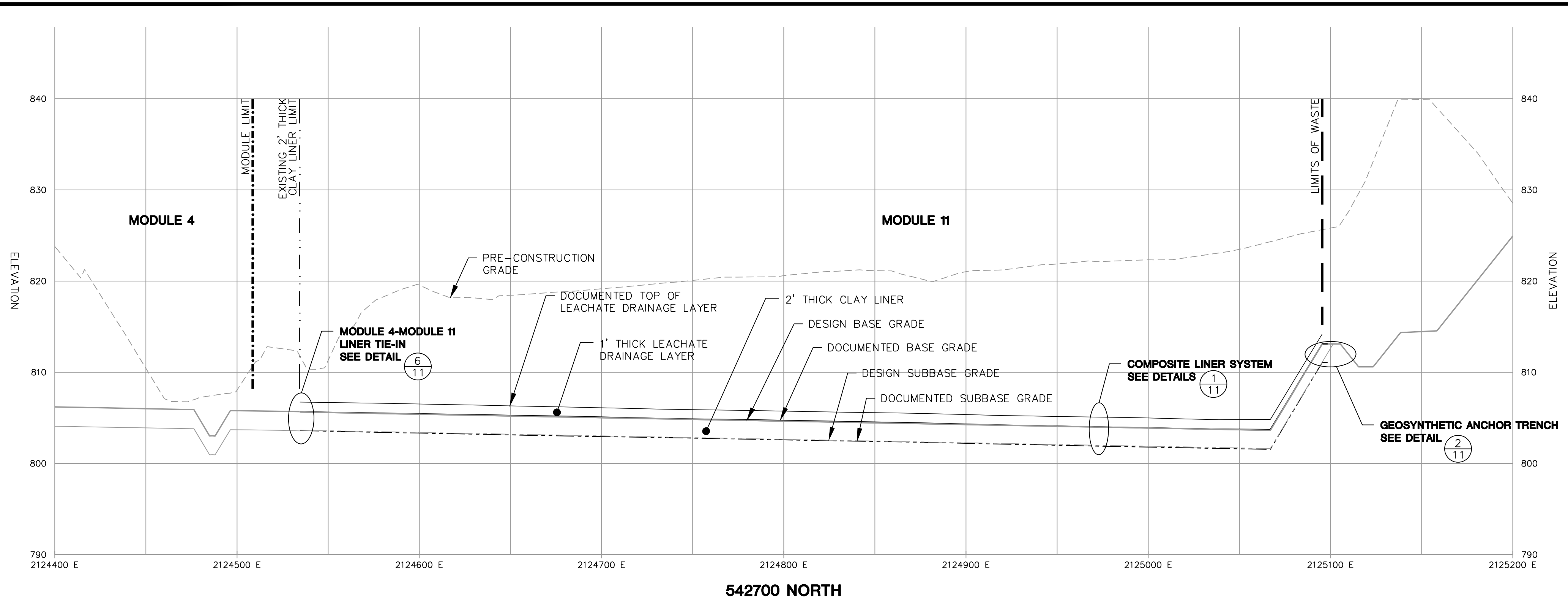
**NOTES:**

1. DOCUMENTATION GRADES WITHIN MODULES 10 AND 11 REPRESENT TOP OF 1 FOOT THICK LEACHATE DRAINAGE MATERIAL, OUTSIDE OF TRENCHES.



PROJECT NO.	2522157.01	DRAWN BY:	KP
DRAWN:	07/11/2023	CHECKED BY:	ZB
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WISCONSIN ENGINEERS AND ARCHITECTS COLUMBIA ENERGY CENTER 98375 MURRAY ROAD FARGENILLE, WISCONSIN 53954			
 Wisconsin Power and Light Company CLIENT			
<b>SCS ENGINEERS</b> 2830 DARY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830			
ENGINEER			
MODULES 10 AND 11 LINER CONSTRUCTION DOCUMENTATION COLUMBIA DRY ASH DISPOSAL FACILITY TOWN OF PACIFIC, WISCONSIN			
SITE			
LEACHATE DRAINAGE LAYER — MODULES 10 AND 11			
SHEET			
8 of 13			

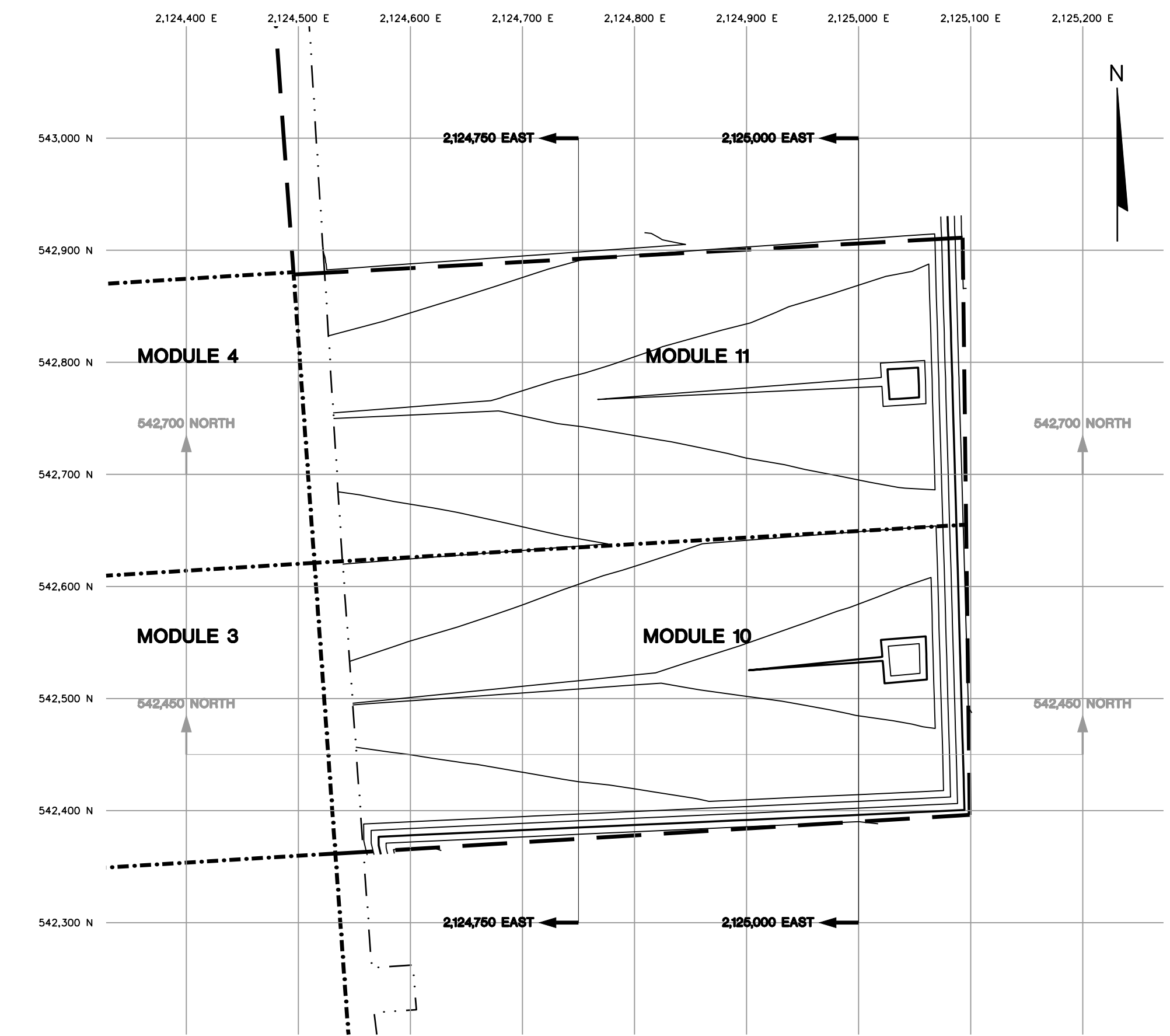
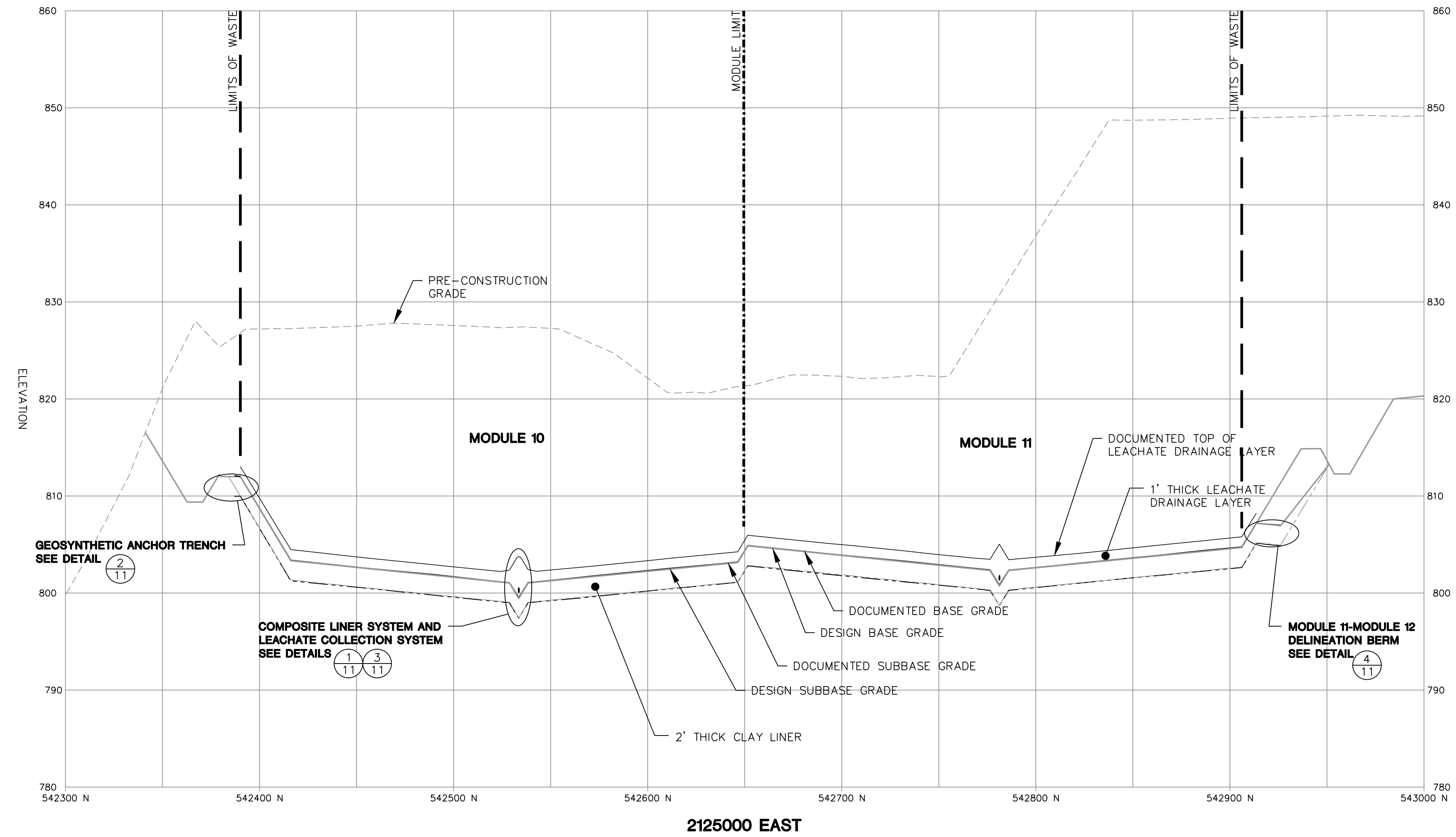
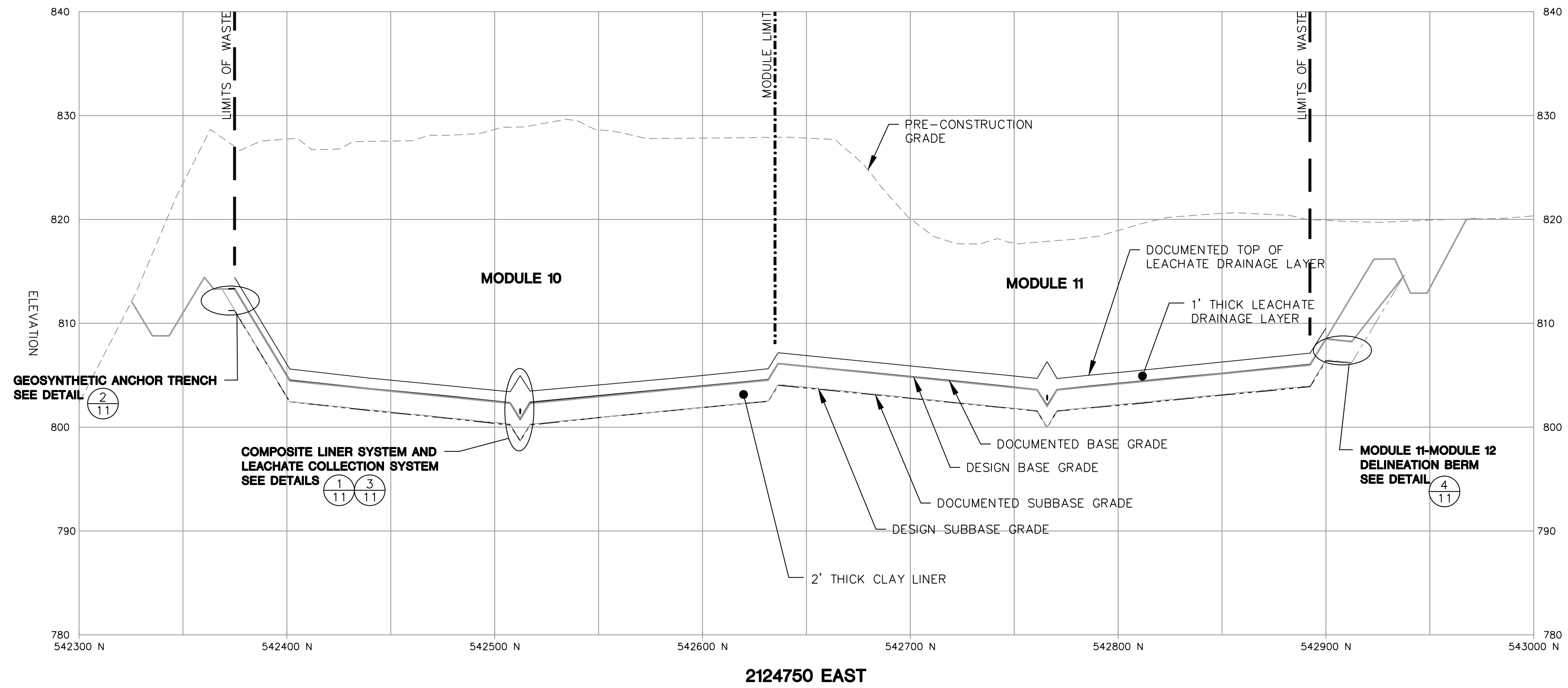




CROSS SECTION LOCATION MAP  
SCALE: 1" = 100'

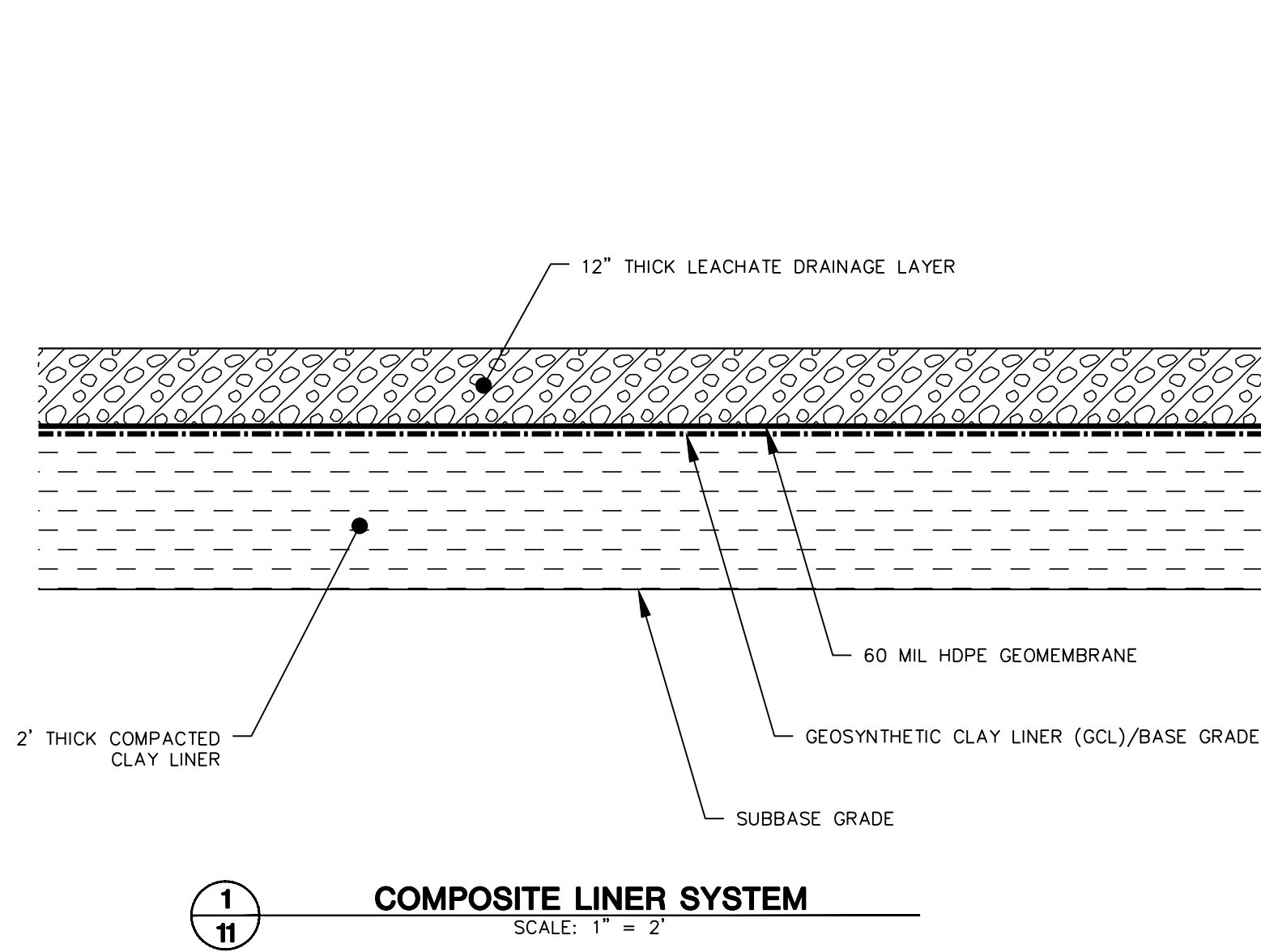
PROJECT NO.	2522157.01	DRAWN BY:	KP
DRAWN:	07/11/2023	CHECKED BY:	ZB
REVISION:	07/24/2023	APPROVED BY:	PEG 02/08/2023
 WISCONSIN POWER AND LIGHT COMPANY COLUMBIA ENERGY CENTER 88375 MURRAY ROAD FARGENELLE, WISCONSIN 53954			
 <b>SCS ENGINEERS</b> 2830 DARY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830			
CLIENT			
MODULE 10 AND 11 LINER CONSTRUCTION DOCUMENTATION COLUMBIA DRY ASH DISPOSAL FACILITY TOWN OF PACIFIC, WISCONSIN			
ENGINEER			
SITE			
CROSS SECTIONS - 542450 NORTH AND 542700 NORTH			
SHEET			
9 of 13			



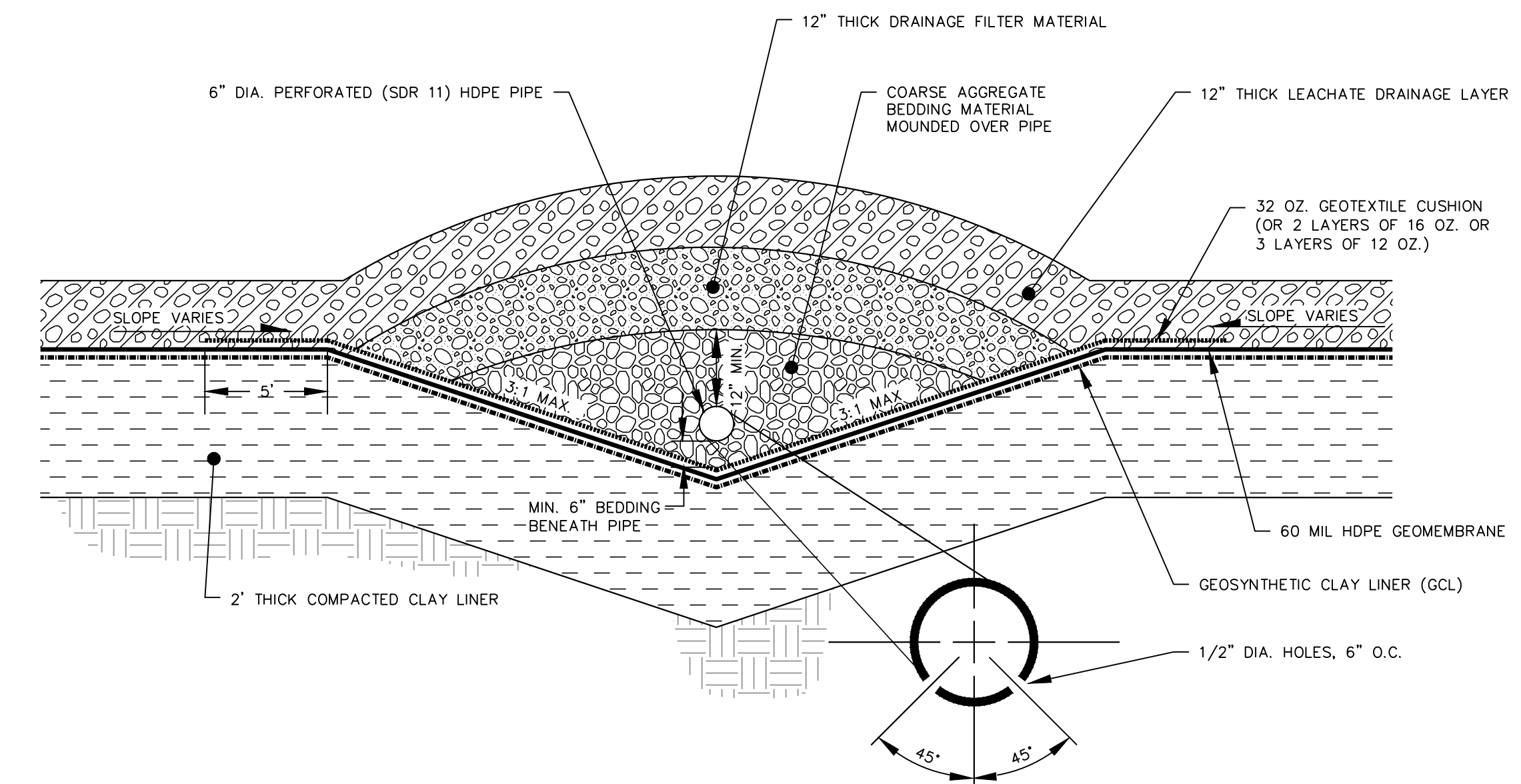


PROJECT NO.	2522157.01	DRAWN BY:	KP
DRAWN:	07/17/2023	CHECKED BY:	ZB
REVISION:	07/24/2023	APPROVED BY:	PEG 02/08/2023
WISCONSIN ENGINEERS AND ARCHITECTS COLUMBIA ENERGY CENTER 98375 MURRAY ROAD FARGENHILL, WISCONSIN 53954 Wisconsin Power and Light Company CLIENT			
<b>SCS ENGINEERS</b> 2830 DARY DRIVE MADISON, WI 53718-4751 PHONE: (608) 224-2830			
ENGINEER			
MODULES 10 AND 11 LINES CONSTRUCTION DOCUMENTATION COLUMBIA DRY ASH DISPOSAL FACILITY TOWN OF PACIFIC, WISCONSIN			
SITE			
CROSS SECTIONS - 2124750 EAST AND 2125000 EAST			
SHEET			
10 OF 13			

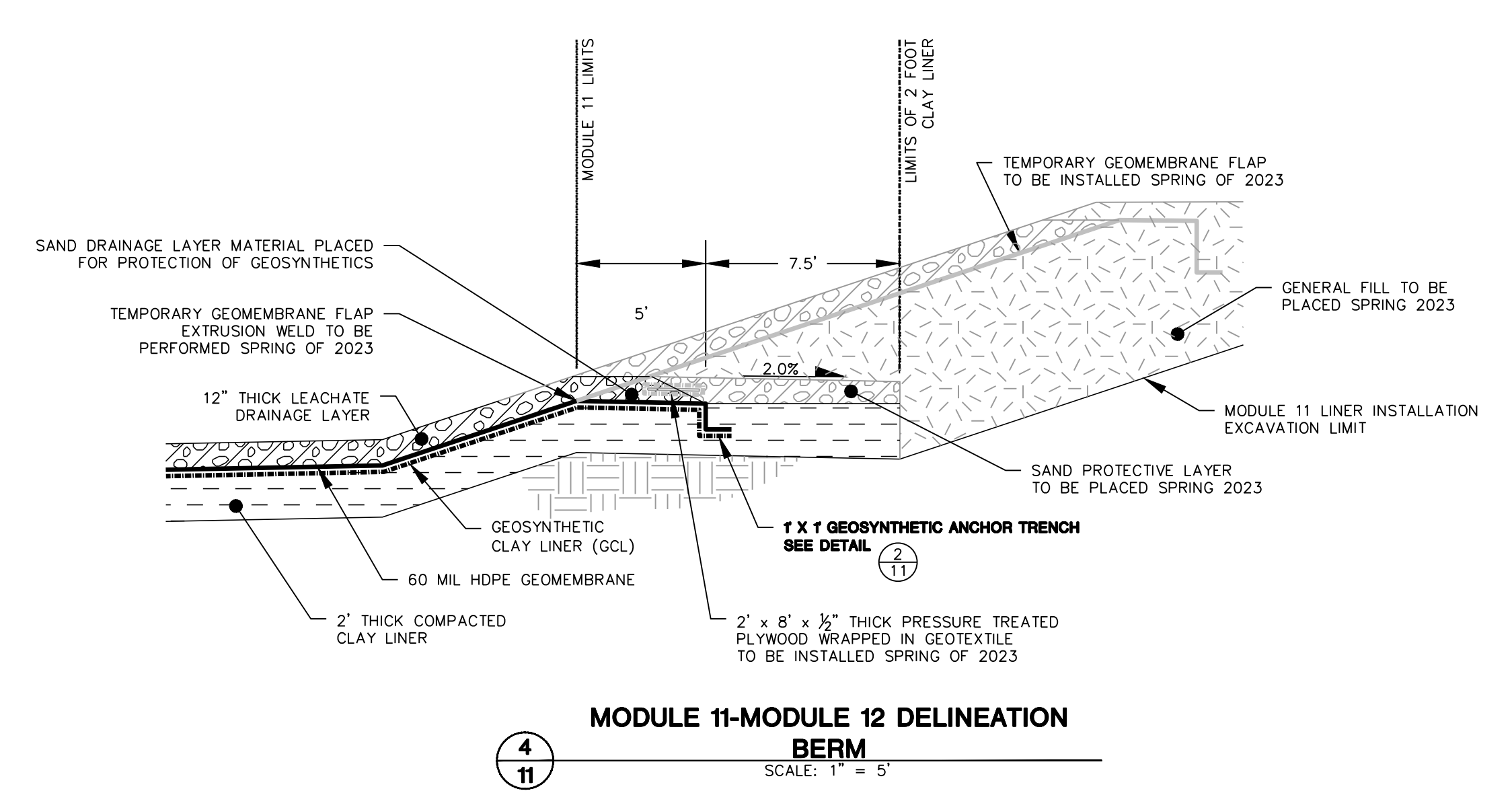




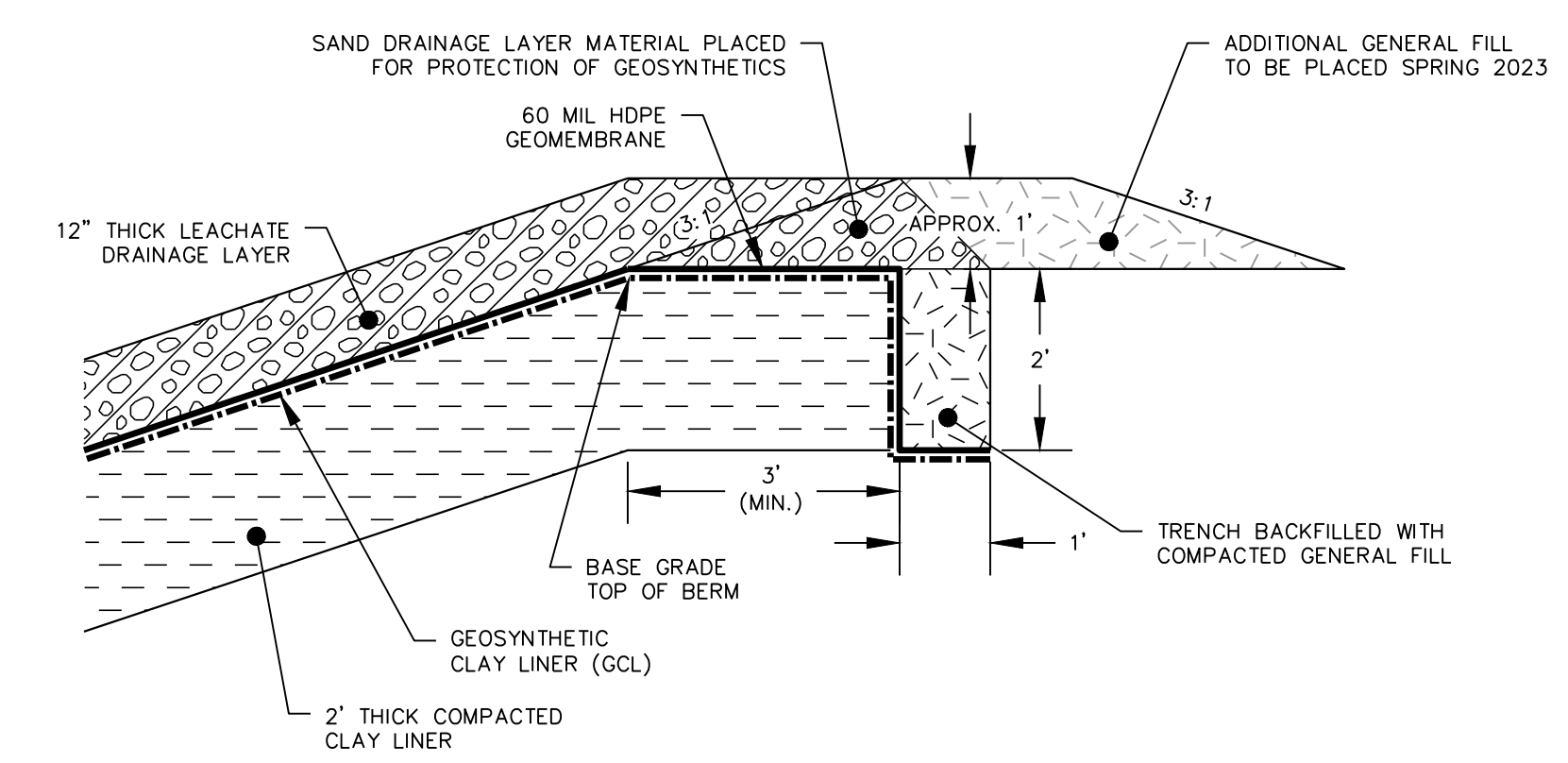
**1**  
**11** COMPOSITE LINER SYSTEM  
SCALE: 1" = 2'



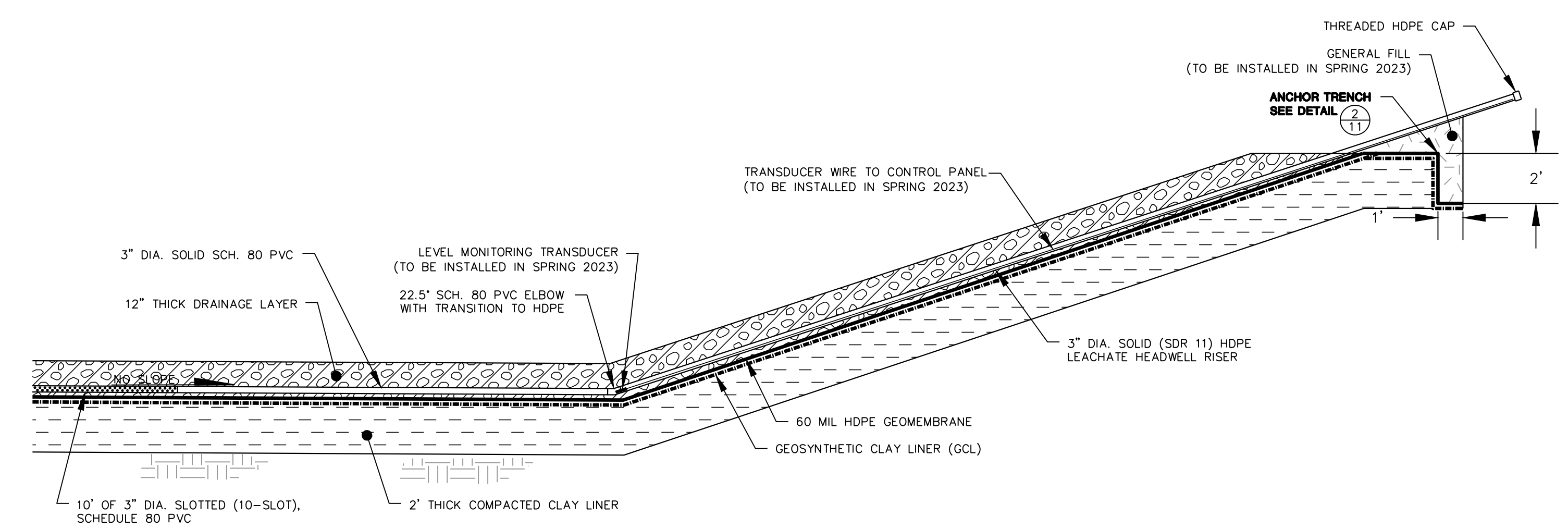
**3**  
**11** LEACHATE COLLECTION LINE (EAST-WEST)  
SCALE: 1" = 5'



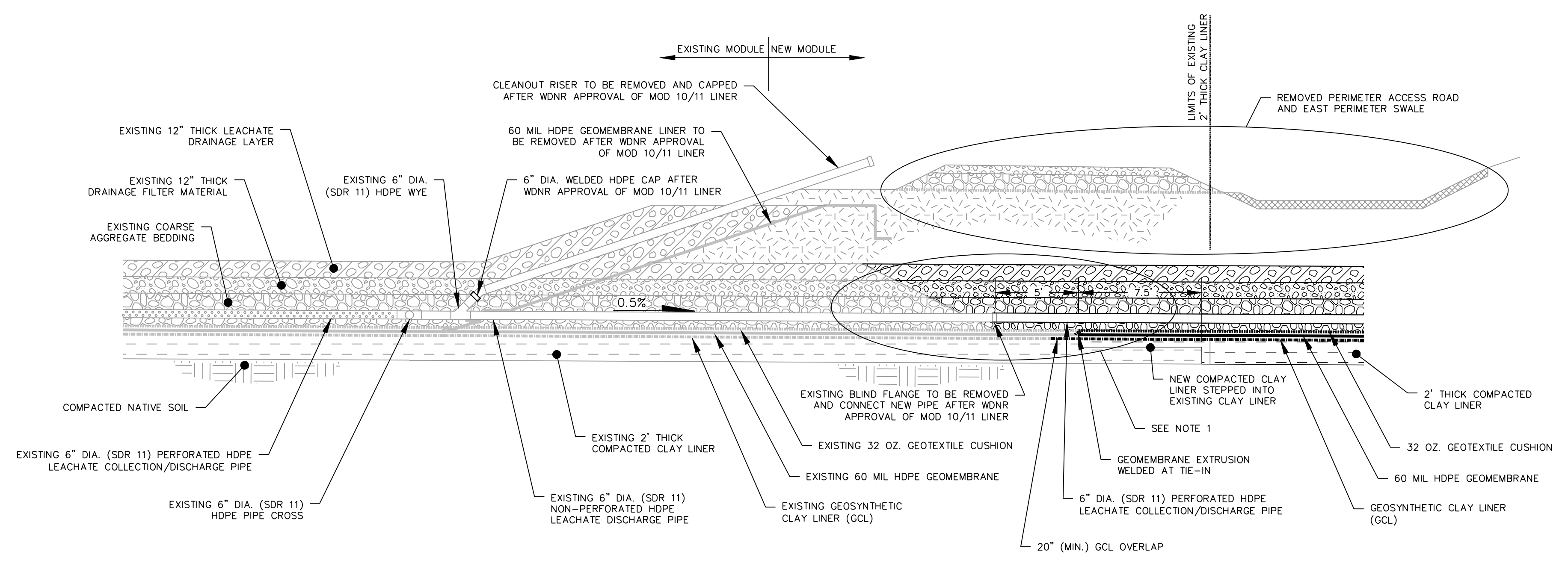
**4**  
**11** MODULE 11-MODULE 12 DELINEATION BERM  
SCALE: 1" = 5'



**2**  
**11** GEOSYNTHETIC ANCHOR TRENCH  
SCALE: 1" = 2'



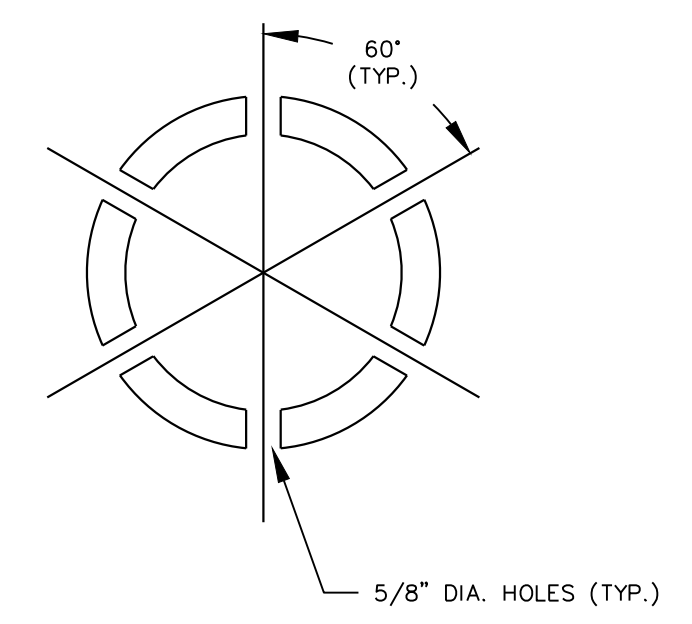
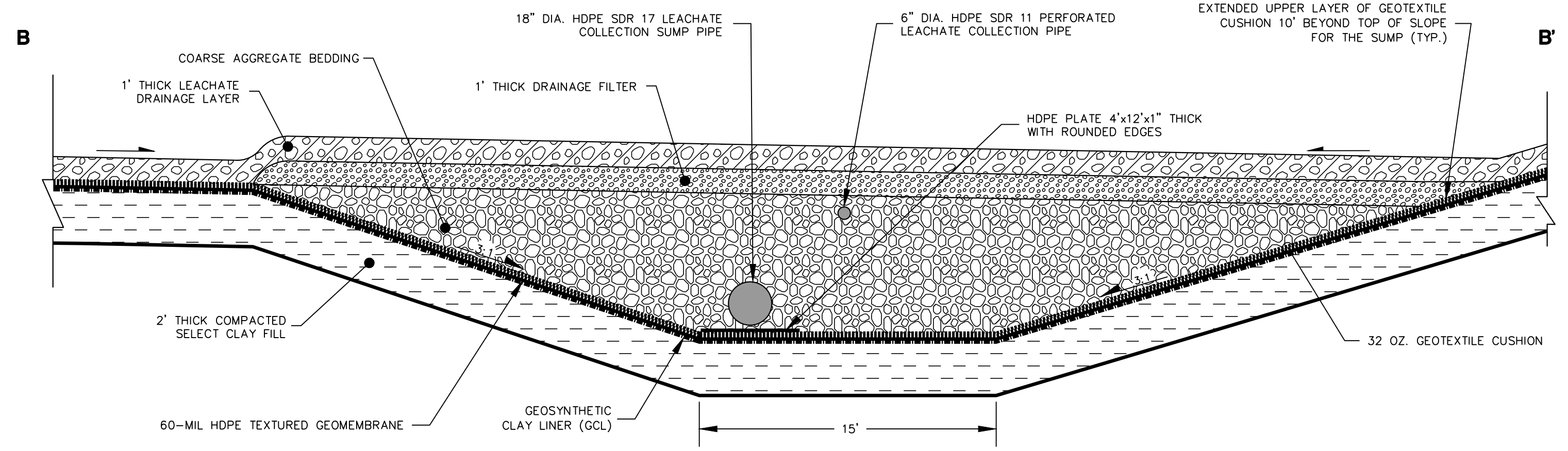
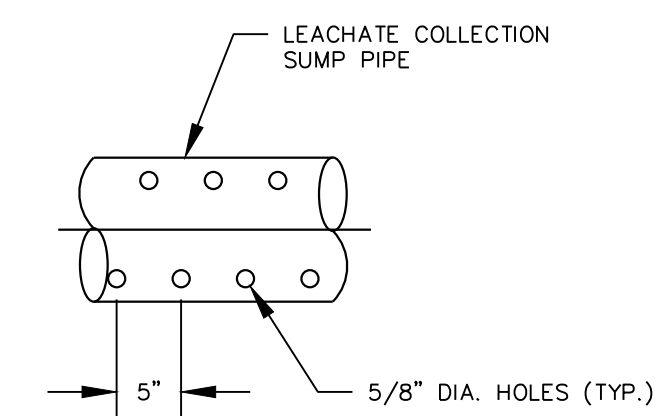
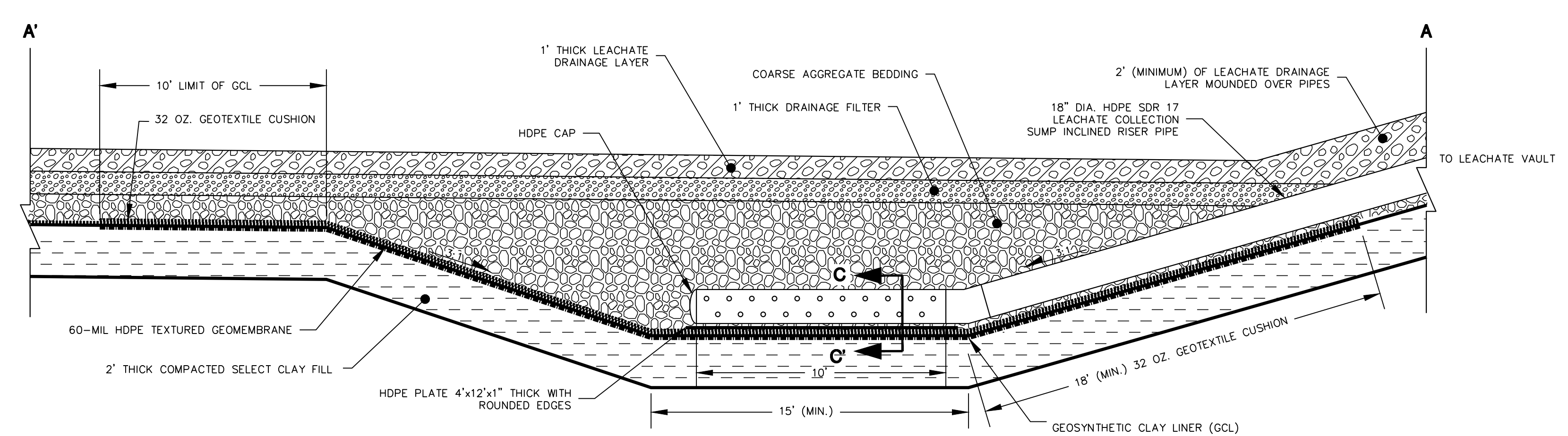
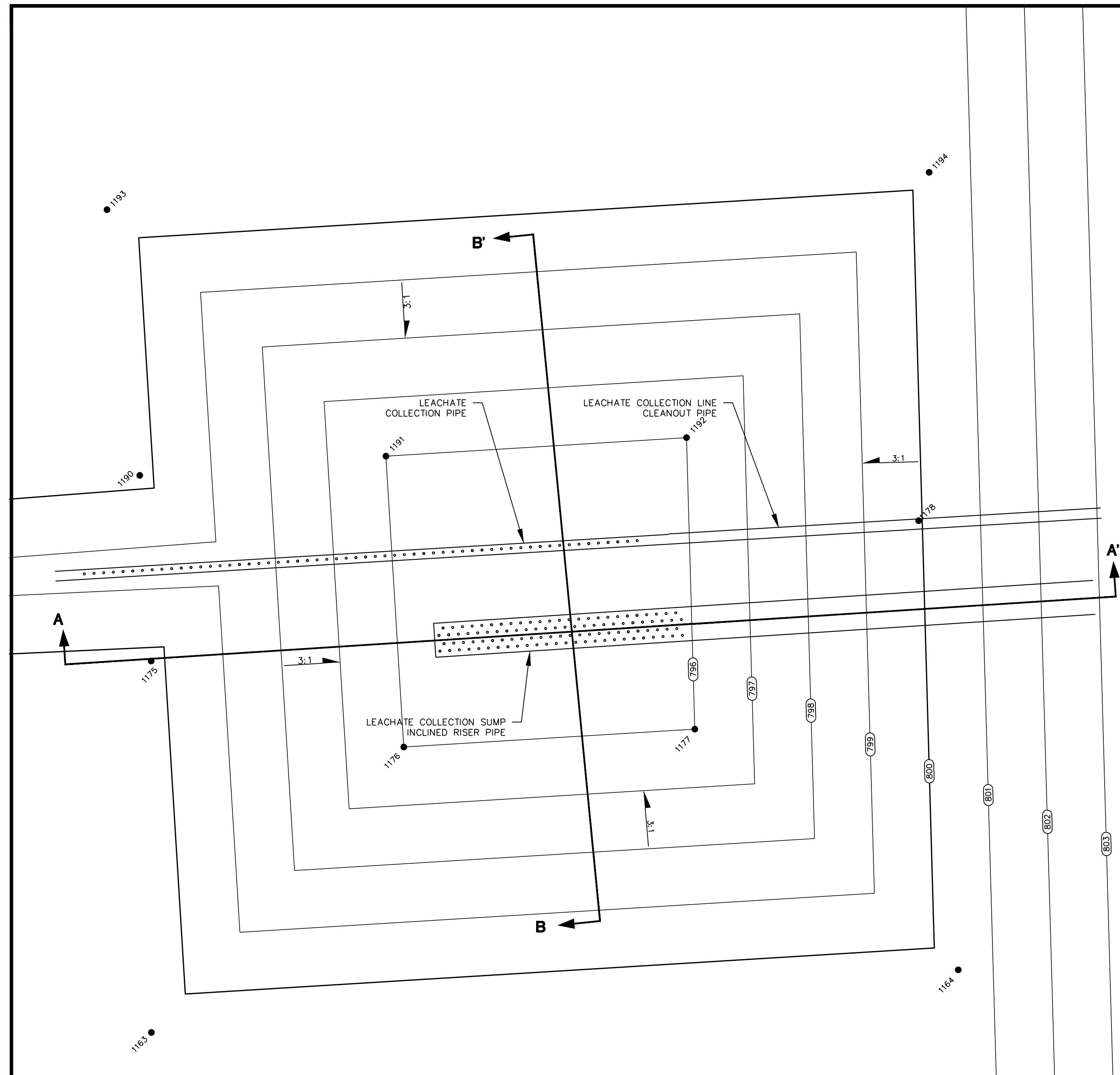
**5**  
**11** LEACHATE HEADWELL  
SCALE: 1" = 4'



**6**  
**11** MODULE 3-4 - MODULE 10-11 TIE-IN  
SCALE: 1" = 5'

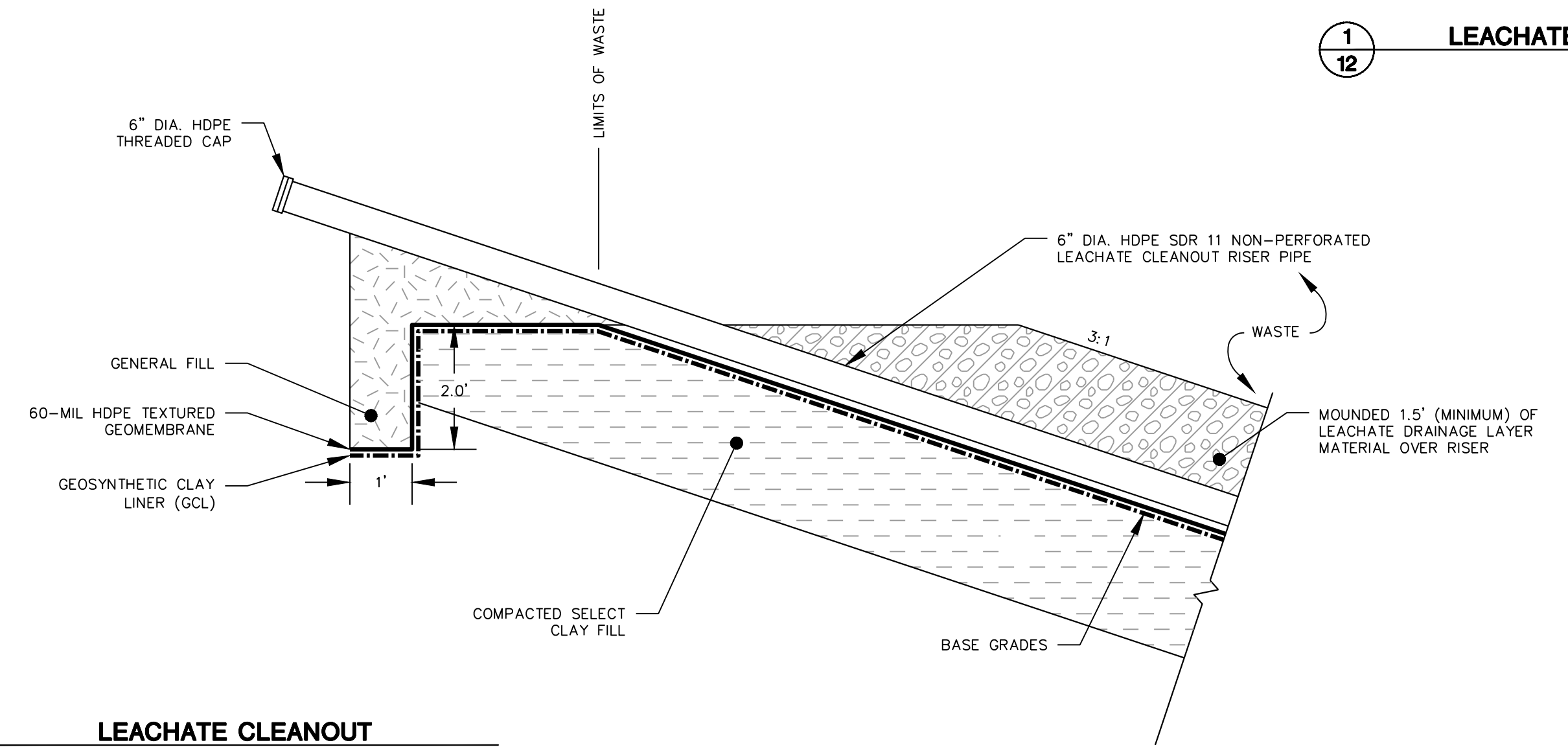
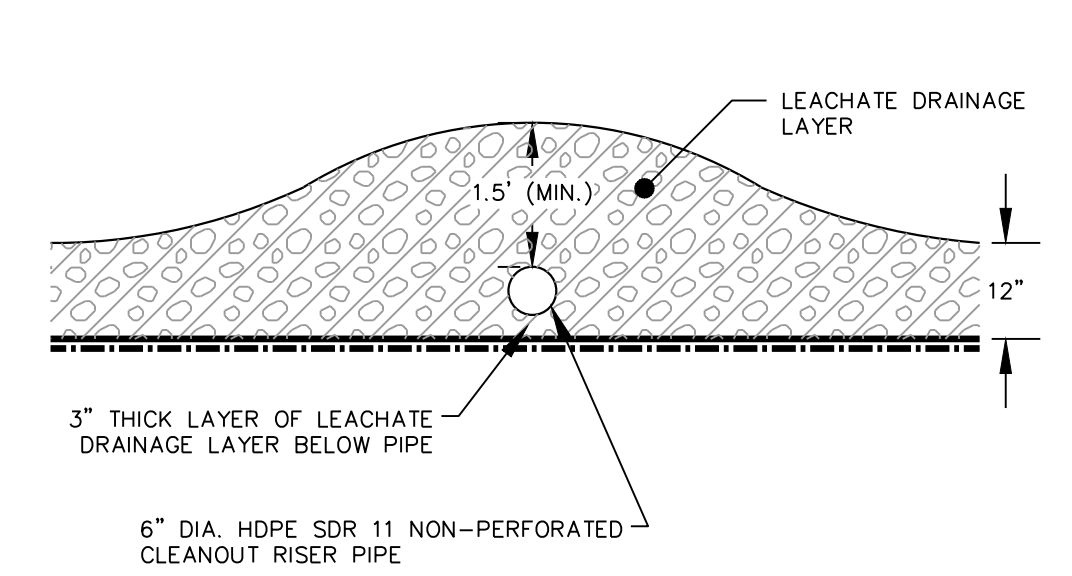
NOTES:  
1. PLACEMENT OF LEACHATE DRAINAGE MATERIAL, DRAINAGE FILTER MATERIAL, COARSE AGGREGATE BEDDING AT PIPE CONNECTIONS TO BE MADE FOLLOWING WDNR APPROVAL OF MODULE 10 AND 11 LINER CONSTRUCTION.





- NOTES:
1. DETAIL IS OF THE MODULE 11 SUMP, THE MODULE 10 SUMP IS SIMILAR.
  2. LEACHATE RISER PUMP AND CONTROL PANEL TO BE INSTALLED IN 2023 CONSTRUCTION SEASON.

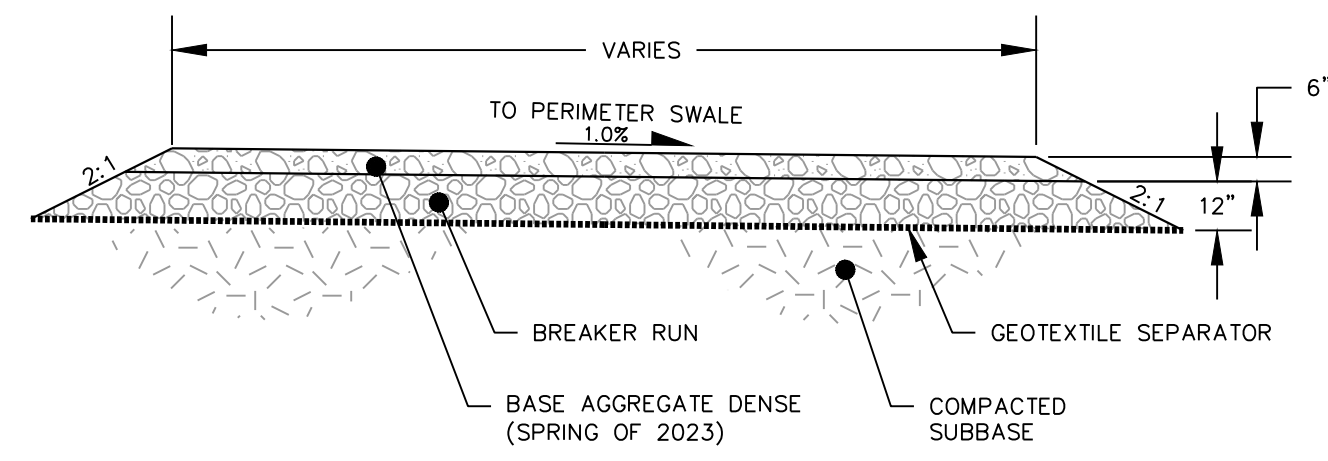
**1**  
**12** LEACHATE COLLECTION SUMP  
SCALE: 1" = 4'



**2**  
**12** LEACHATE CLEANOUT  
NOT TO SCALE

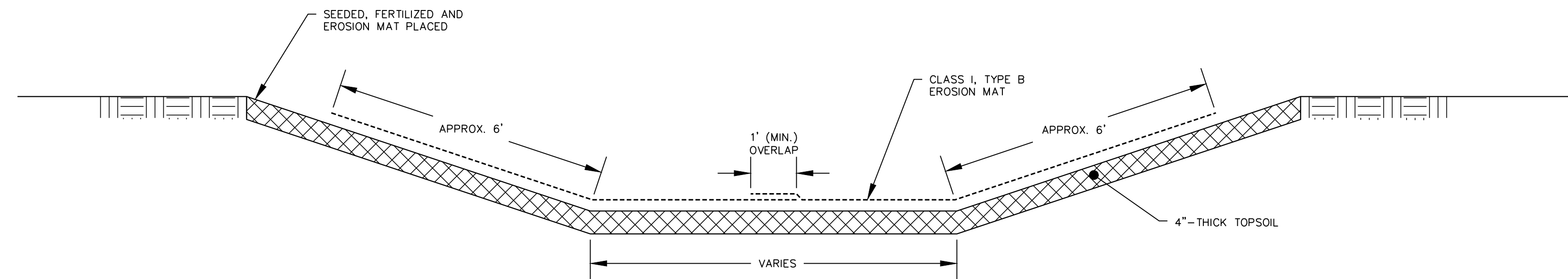
PROJECT NO. 2522157.01  
 DRAWN BY: KP  
 CHECKED BY: ZB  
 APPROVED BY: PEG 02/08/2023  
 WISCONSIN ENGINEERS AND ARCHITECTS  
 COLUMBIA ENERGY CENTER  
 98375 MURRAY ROAD  
 FARGENTVILLE, WISCONSIN 53954  
 Wisconsin Power and Light Company  
 CLIENT  
 SCS ENGINEERS  
 2830 DARY DRIVE MADISON, WI 53718-6751  
 PHONE: (608) 224-2830  
 ENGINEER  
 MODULE 10 AND 11 LINES  
 CONSTRUCTION DOCUMENTATION  
 COLUMBIA DRY ASH DISPOSAL FACILITY  
 TOWN OF PACIFIC, WISCONSIN  
 SITE  
 DETAILS  
 SHEET  
 12 OF 13





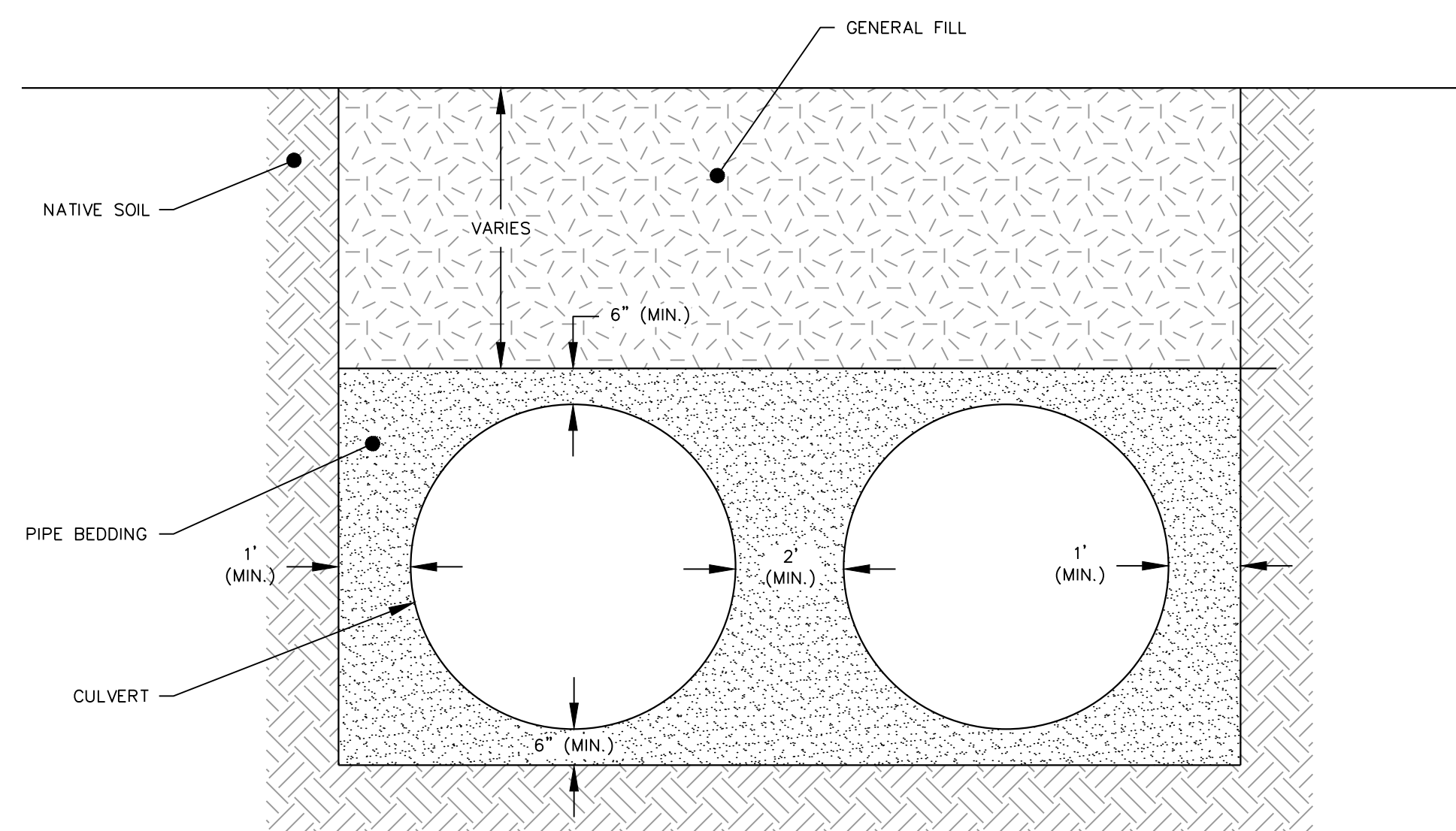
NOTE: ACCESS ROAD GEOTEXTILE SEPARATOR FABRIC AND BREAKER RUN WERE INSTALLED IN 2022. BASE AGGREGATE DENSE MATERIAL TO BE INSTALLED IN SPRING 2023.

**1**  
**13** ACCESS ROAD  
NOT TO SCALE

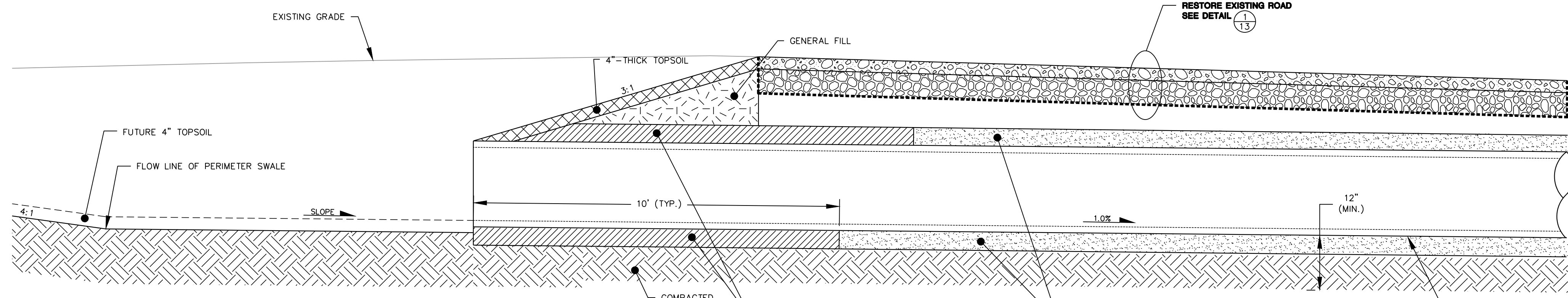


NOTE: ONLY THE NORTH/SOUTH SWALE SOUTH OF MODULE 10 WAS RESTORED AND HAD EROSION MAT INSTALLED. OTHER SWALES WERE ROUGH GRADED AND WILL BE FINISH GRADED AND RESTORED IN THE SPRING 2023.

**2**  
**13** SWALE  
NOT TO SCALE



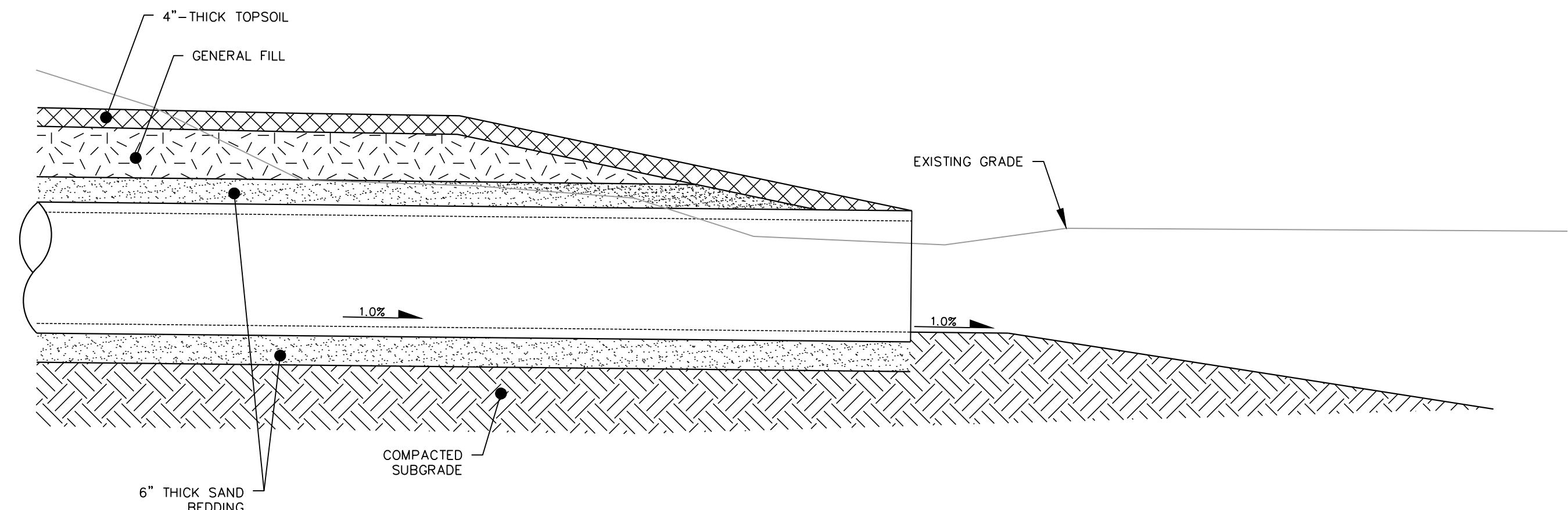
**3**  
**13** CULVERT TRENCH  
NOT TO SCALE



NOTE: RIPRAP TO BE INSTALLED AT CULVERT INLETS AND OUTLETS IN 2023.

**SECTION A-A'**

**4**  
**13** CULVERT INLET  
NOT TO SCALE



**SECTION B-B'**

**5**  
**13** CULVERT OUTLET  
NOT TO SCALE

PROJECT NO. 2522157.01  
DRAWN BY: KP  
CHECKED BY: ZB  
APPROVED BY: REC 02/08/2023

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TOWN OF PACIFIC, WISCONSIN

SITE

DETAILS

SHEET  
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