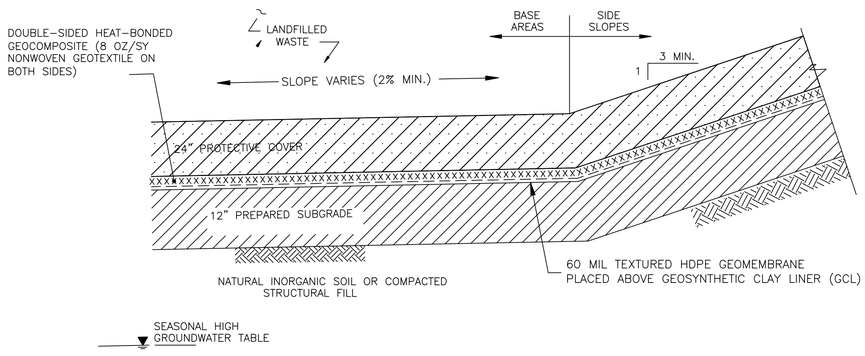
NOTES:

1. THIS DETAIL APPLIES TO THE 18" COMPOSITE LINER SYSTEM ALTERNATIVE ONLY. THE LINER SECTION WILL CHANGE IF THE CONTRACTOR SELECTS THE GCL LINER SYSTEM ALTERNATIVE.

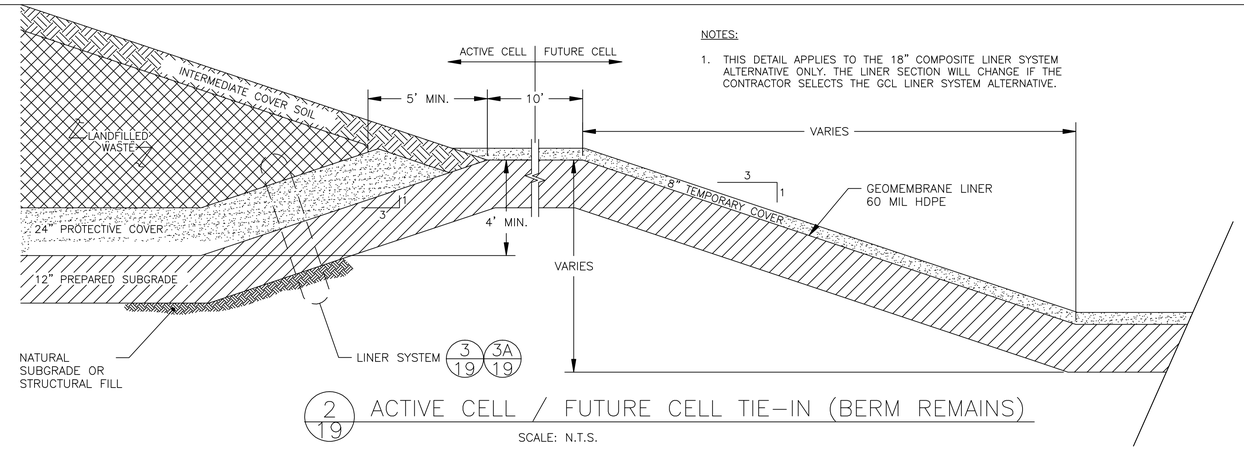


1/19 BASE LINER INSTALLATION DETAIL

SCALE: N.T.S.

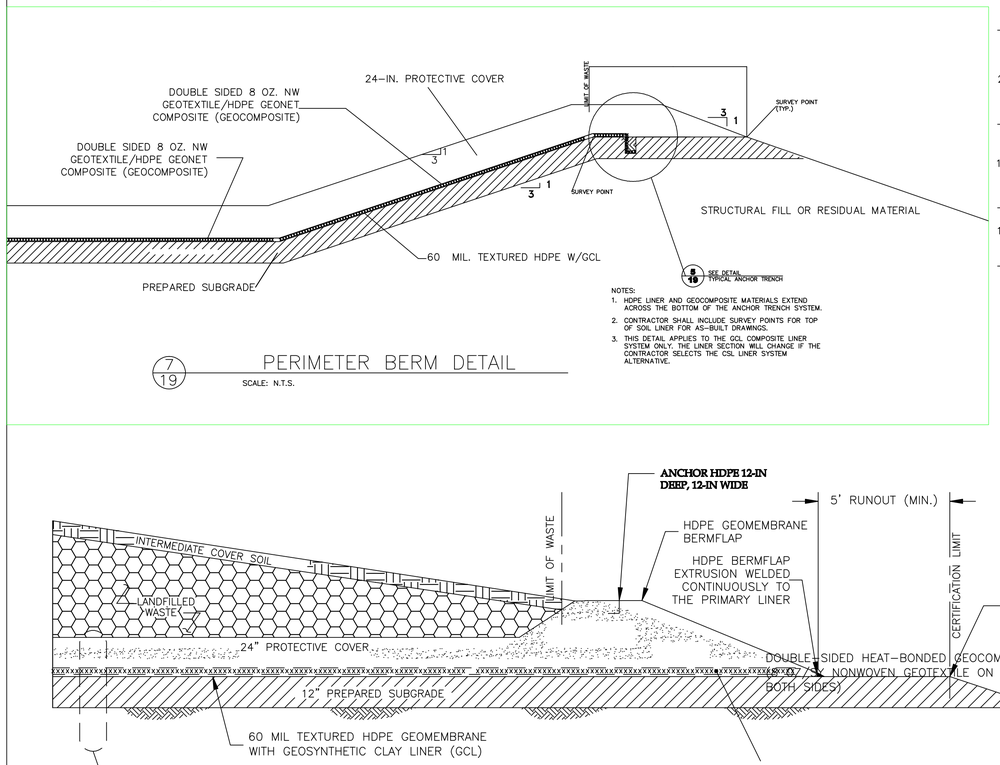
NOTES:

1. THIS DETAIL APPLIES TO THE 18" COMPOSITE LINER SYSTEM ALTERNATIVE ONLY. THE LINER SECTION WILL CHANGE IF THE CONTRACTOR SELECTS THE GCL LINER SYSTEM ALTERNATIVE.



2/19 ACTIVE CELL / FUTURE CELL TIE-IN (BERM REMAINS)

SCALE: N.T.S.



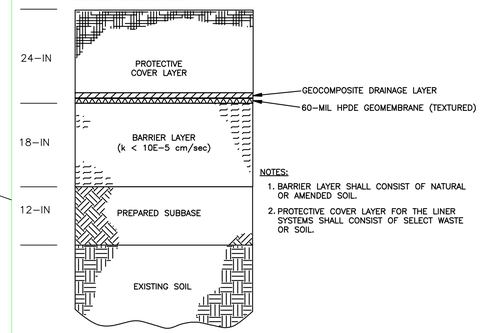
NOTES:

1. HDPE LINER AND GEOCOMPOSITE MATERIALS EXTEND ACROSS THE BOTTOM OF THE ANCHOR TRENCH SYSTEM.
2. CONTRACTOR SHALL INCLUDE SURVEY POINTS FOR TOP OF SOIL LINER FOR AS-BUILT DRAWINGS.
3. THIS DETAIL APPLIES TO THE GCL COMPOSITE LINER SYSTEM ONLY. THE LINER SECTION WILL CHANGE IF THE CONTRACTOR SELECTS THE CSL LINER SYSTEM ALTERNATIVE.

7/19 PERIMETER BERM DETAIL

SCALE: N.T.S.

DETAIL 3A INCLUDED AS A REFERENCE FOR FUTURE ALTERNATE LINER



NOTES:

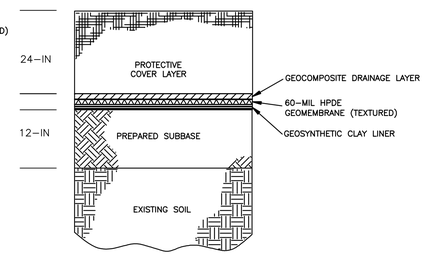
1. BARRIER LAYER SHALL CONSIST OF NATURAL OR AMENDED SOIL.
2. PROTECTIVE COVER LAYER FOR THE LINER SYSTEMS SHALL CONSIST OF SELECT WASTE OR SOIL.

3A/19 COMPATED SOIL ALTERNATIVE LINER SYSTEM DETAIL

SCALE: N.T.S.

NOTES:

1. CONTRACTOR WILL USE GEOSYNTHETIC CLAY LINER (GCL) IN PLACE OF BARRIER LAYER AS SHOWN IN THIS DETAIL.
2. PROTECTIVE COVER LAYER FOR THE LINER SYSTEMS SHALL CONSIST OF SELECT SOIL.

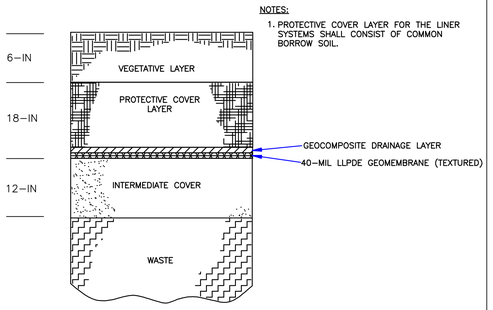


3/19 TYPICAL LINER SYSTEM DETAIL

SCALE: N.T.S.

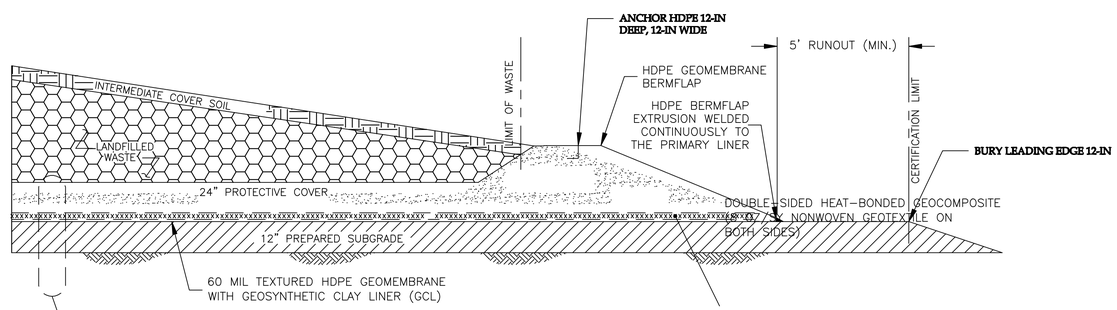
NOTES:

1. PROTECTIVE COVER LAYER FOR THE LINER SYSTEMS SHALL CONSIST OF COMMON BORROW SOIL.



4/19 FINAL COVER SYSTEM DETAIL

SCALE: N.T.S.



6/19 TEMPORARY BERM (TYP.)

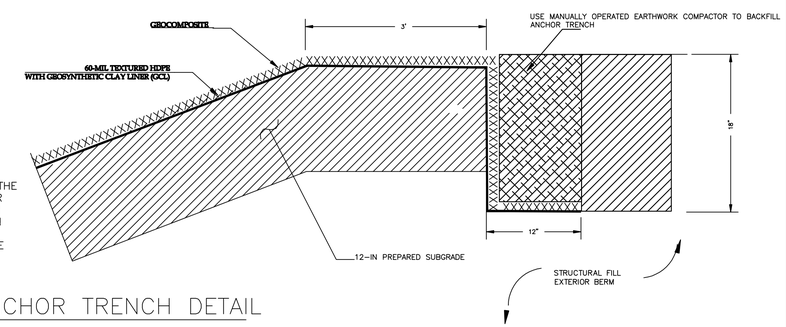
SCALE: N.T.S.

NOTES:

1. THIS DETAIL APPLIES TO THE GEOSYNTHETIC CLAY LINER (GCL) COMPOSITE LINER SYSTEM ALTERNATIVE ONLY. THE LINER SECTION WILL CHANGE IF THE CONTRACTOR SELECTS THE COMPACTED SOIL LINER SYSTEM ALTERNATIVE.
2. UPON CONSTRUCTION OF THE NEXT CELL, PRIMARILY LINER WILL BE DOUBLE HOT WEDGE FUSION WELDED TO THE PREVIOUS CELLS LINER WITHIN THE CERTIFICATION LIMITS. PRIOR TO ACTIVATION OF THE NEXT CELL, THE TEMPORARY FLAP SHALL BE REMOVED WITH GEOCOMPOSITE EXTENDED BY OVERLAPPING A MINIMUM OF 12 -IN. LEACHATE COLLECTION PIPE WILL BE EXTENDED BY BUTT FUSION WELD OR ELECTRIC FUSION COUPLING.

NOTES:

1. THIS DETAIL APPLIES TO THE GEOSYNTHETIC CLAY LINER COMPOSITE LINER SYSTEM ONLY. THE LINER SECTION WILL CHANGE IF THE CONTRACTOR SELECTS THE COMPACTED SOIL LINER SYSTEM ALTERNATIVE.



5/19 ANCHOR TRENCH DETAIL

SCALE: N.T.S.

NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

MAYSVILLE C&D LANDFILL
PHASE 1 PERMIT APPLICATION

GREEN RECYCLING SOLUTIONS LLC — MAYSVILLE, NORTH CAROLINA

DRAWN BY: CJM	PROJECT ENGINEER: CJM
DESIGN ENGINEER: DWW	PROJECT MANAGER: DWW

LICENSE #C-2206
ERM NC, Inc.
8000 CORPORATE CENTER DRIVE, SUITE 300
CHARLOTTE, NORTH CAROLINA 28226
(704) 541-8945

LANDFILL DETAILS

SCALE: NTS	DATE: JUNE 2013
PROJECT NO.: 0157343	AutoCAD 2007 Details Sheet 1.dwg

DRAWING NO. 19

REV. NO.

SHEET 19 OF 21