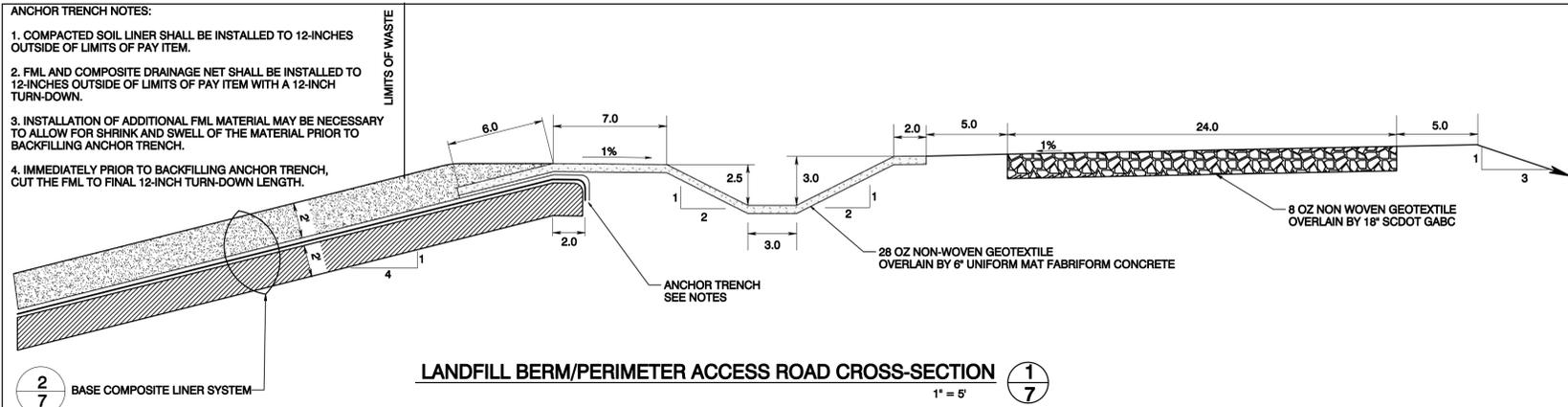


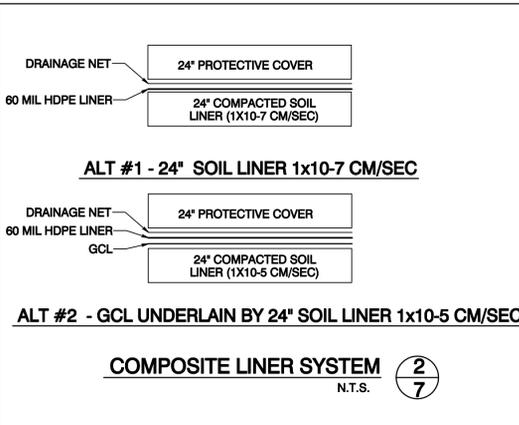
ANCHOR TRENCH NOTES:

1. COMPACTED SOIL LINER SHALL BE INSTALLED TO 12-INCHES OUTSIDE OF LIMITS OF PAY ITEM.
2. FML AND COMPOSITE DRAINAGE NET SHALL BE INSTALLED TO 12-INCHES OUTSIDE OF LIMITS OF PAY ITEM WITH A 12-INCH TURN-DOWN.
3. INSTALLATION OF ADDITIONAL FML MATERIAL MAY BE NECESSARY TO ALLOW FOR SHRINK AND SWELL OF THE MATERIAL PRIOR TO BACKFILLING ANCHOR TRENCH.
4. IMMEDIATELY PRIOR TO BACKFILLING ANCHOR TRENCH, CUT THE FML TO FINAL 12-INCH TURN-DOWN LENGTH.

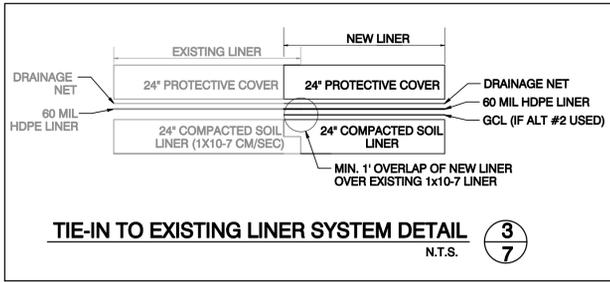


LANDFILL BERM/PERIMETER ACCESS ROAD CROSS-SECTION 1/7
1" = 5'

2/7 BASE COMPOSITE LINER SYSTEM



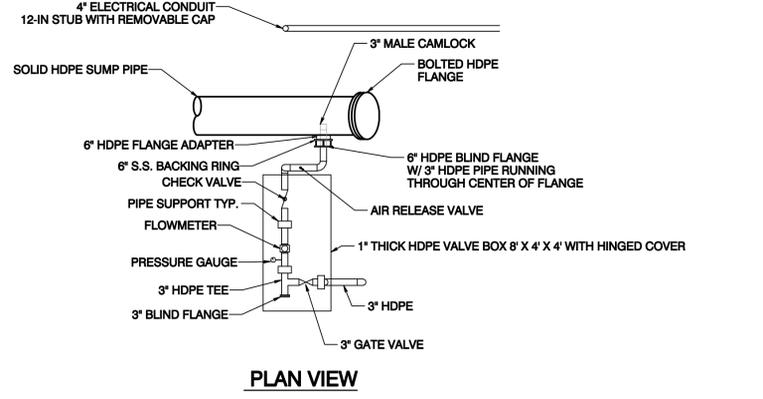
COMPOSITE LINER SYSTEM 2/7
N.T.S.



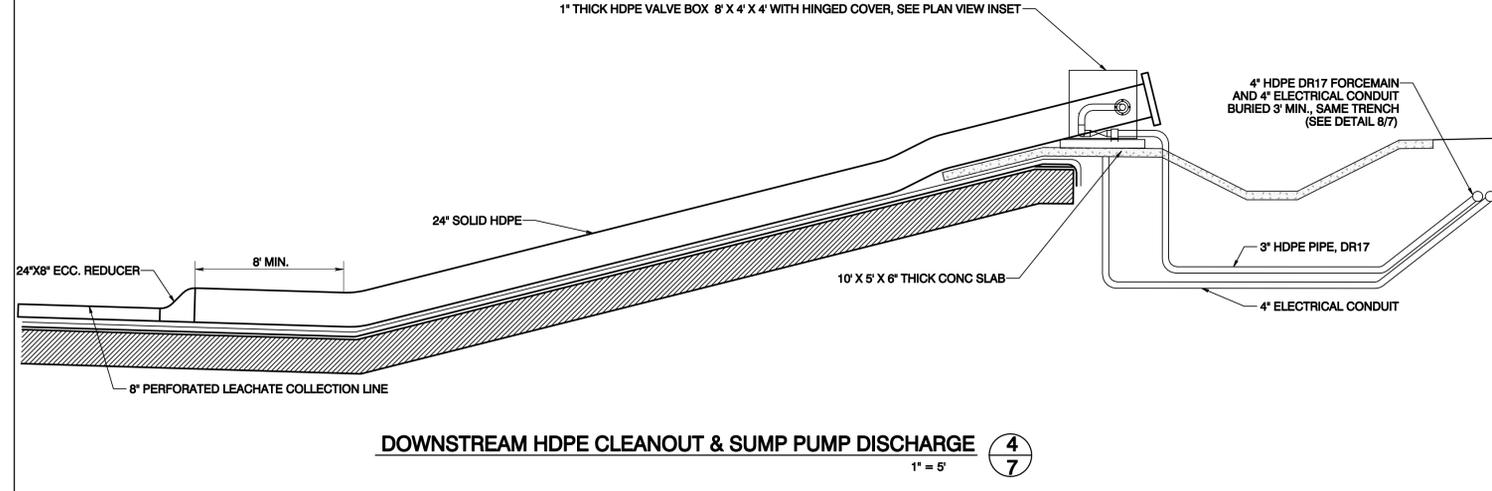
TIE-IN TO EXISTING LINER SYSTEM DETAIL 3/7
N.T.S.

VALVE BOX NOTES

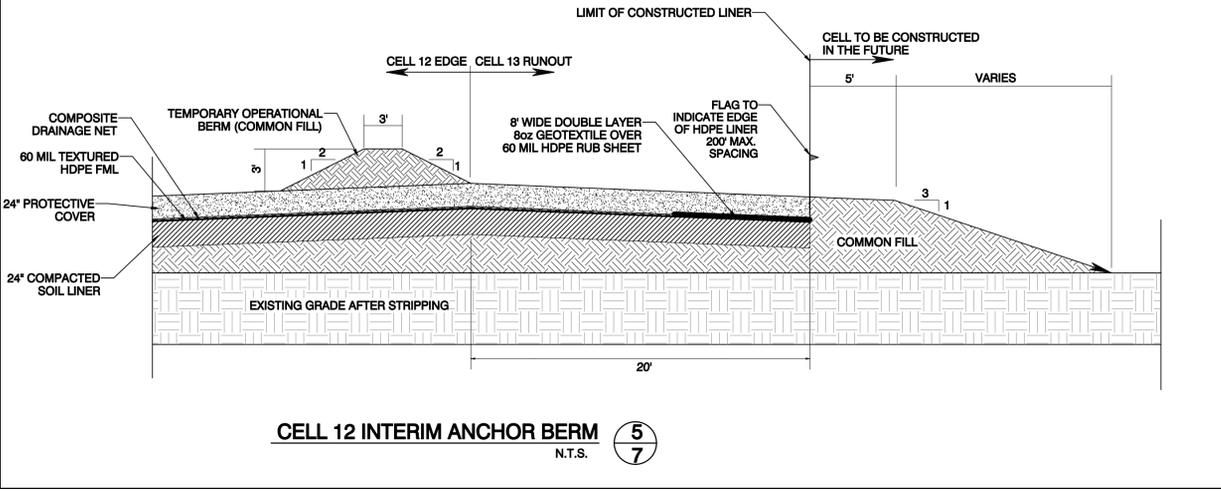
1. Air release valve shall be a Crispin Model UX20. Support air release valve and 3" HDPE pipe using an 8-foot long stainless steel Uni strut anchored in 12" diameter and 36" depth concrete below grade.
2. Install a paddlewheel type flow meter sensor within a special adaptor, mounted within a pipe tee section. The sensor is made to fit the tee section on a 3-inch discharge pipe, in the location shown on the drawings, and shall be equal to model 52EP300 as manufactured by EPG Companies Inc or GUNNCO IP81. The sensor utilizes a dual magnet drum design, is constructed of Delvin, Kynar, or equal, and measures flow range from 1 to 500 gpm with a linearity and repeatability factor of +/- 0.5%.
3. Check valves shall be thermoplastic, butterfly design constructed from CPVC Type IV, ASTM D1784 Cell Classification 23447. Valves shall be flanged style. All valve seals shall be reinforced EPDM or Viton with replaceable internal components. All valves shall be pressure rated at 150 psi for water at 73-deg F as manufactured by Spears Manufacturing.
4. Gate valves shall be thermoplastic constructed from CPVC Type IV, ASTM D1784 Cell Classification 23447. Valves shall be flanged style, nonrising stem with stem extensions and 2" square operating nut. There shall be no metal to media contact anywhere on the valve. Valves shall have an indicator to show the position of the gate. All valves shall be pressure rated at 150 psi for water at 73-deg F as manufactured by Spears Manufacturing.
5. Pressure gauges for the above services shall have a black case and shall be 4-1/2-in nominal diameter with phosphor bronze Bourdon tubes (beryllium copper bellows), 1/4-in NPT male connection, stainless steel rack and pinion movement, microadjustment for calibration, white dials and black figures, threaded ring case. All gages shall be furnished with protective diaphragm attachment as specified above. Gages shall be installed with brass nipples no shorter than 2-in and a manufacturer's standard pulsation dampener and shutoff valve. Gages shall be manufactured by U.S. Gage, Sellersville, Pa.; Crosby-Ashton, Wrentham, Mass.



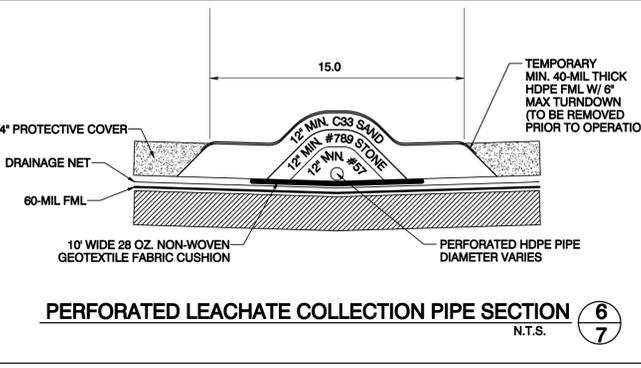
1" THICK HDPE VALVE BOX 8' X 4' X 4' WITH HINGED COVER, SEE PLAN VIEW INSET



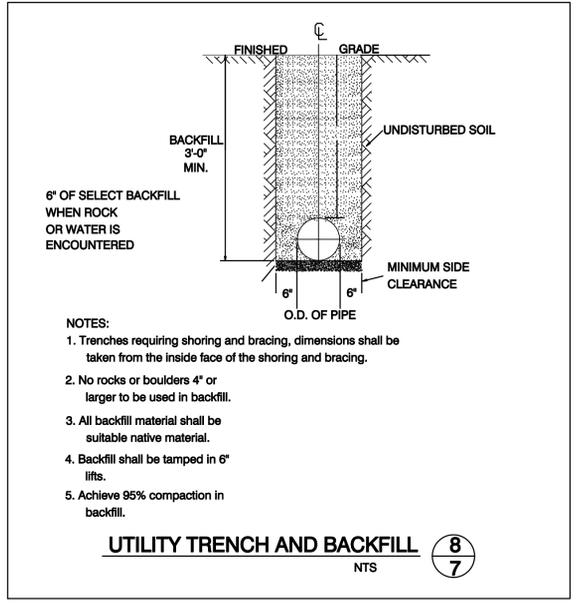
DOWNSTREAM HDPE CLEANOUT & SUMP PUMP DISCHARGE 4/7
1" = 5'



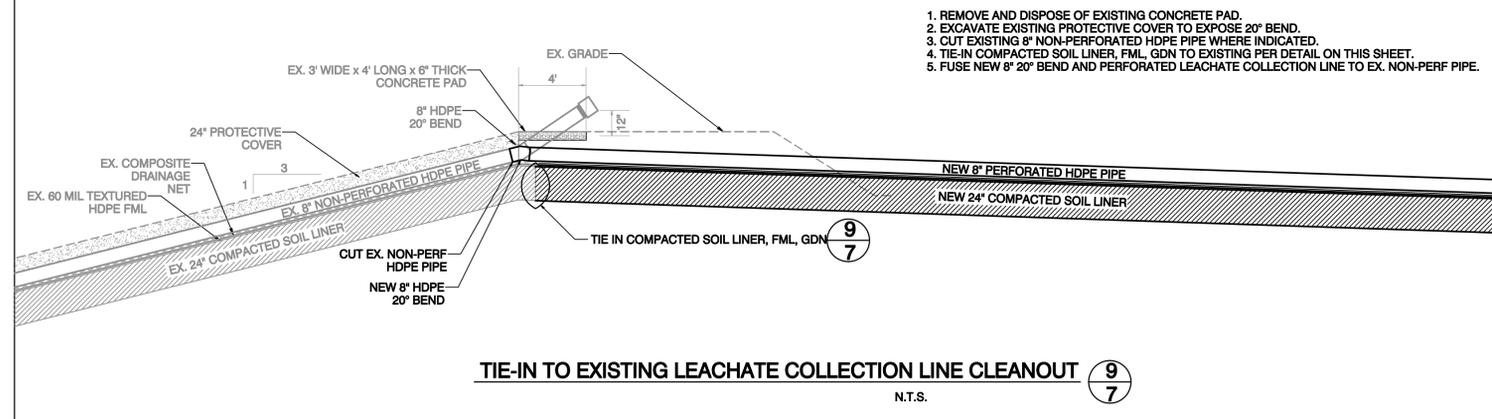
CELL 12 INTERIM ANCHOR BERM 5/7
N.T.S.



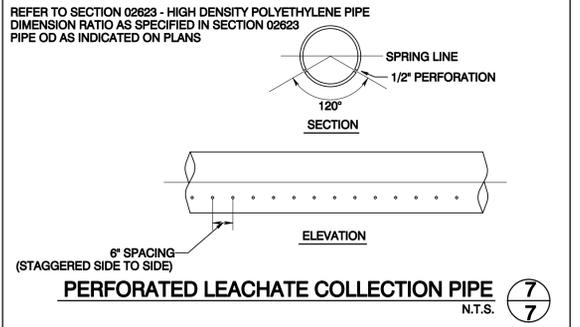
PERFORATED LEACHATE COLLECTION PIPE SECTION 6/7
N.T.S.



UTILITY TRENCH AND BACKFILL 8/7
N.T.S.



TIE-IN TO EXISTING LEACHATE COLLECTION LINE CLEANOUT 9/7
N.T.S.



PERFORATED LEACHATE COLLECTION PIPE 7/7
N.T.S.

Path: V:\Georgetown\2018 Contract\Task Order 36 - Landfill Expansion\Bidding\Cadd\Cells 8-12 Construction May 2018 - ADDENDUM 1.rvt Plot Date/Time: F1 Jun 1, 2018 / 10:16:40

REVISION	DATE
1) ADDENDUM 1 - SEE ADDENDUM 1 NOTES	JUNE 1, 2018
2)	
3)	
4)	

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**GEORGETOWN COUNTY
CLASS THREE LANDFILL CELLS 8-12 &
CLASS TWO LANDFILL CLOSURE PROJECT**

DETAILS

**SOUTH CAROLINA
REGISTERED PROFESSIONAL ENGINEER**
No. C337
17988
BERNARD GARRETT, P.E.
JUNE 1, 2018

ADDENDUM 1 NOTES:
1. ARV DETAIL DELETED
2. VALVE BOX NOTES ADDED