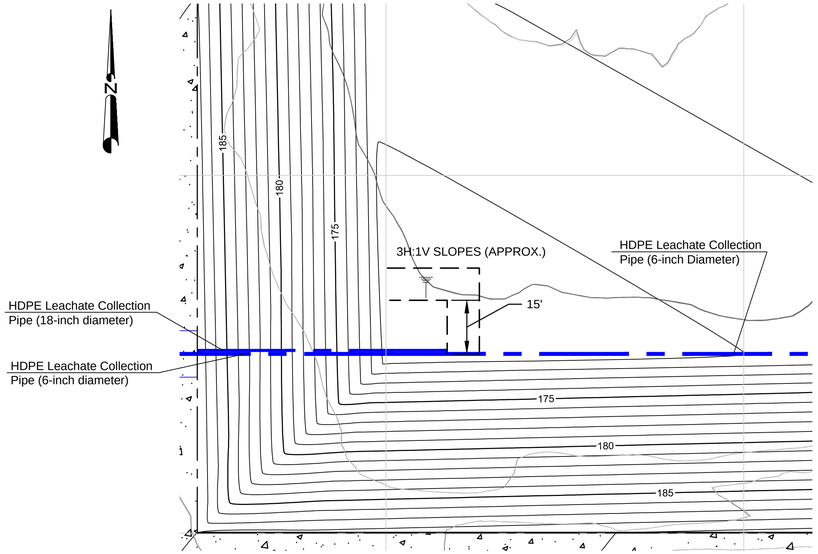
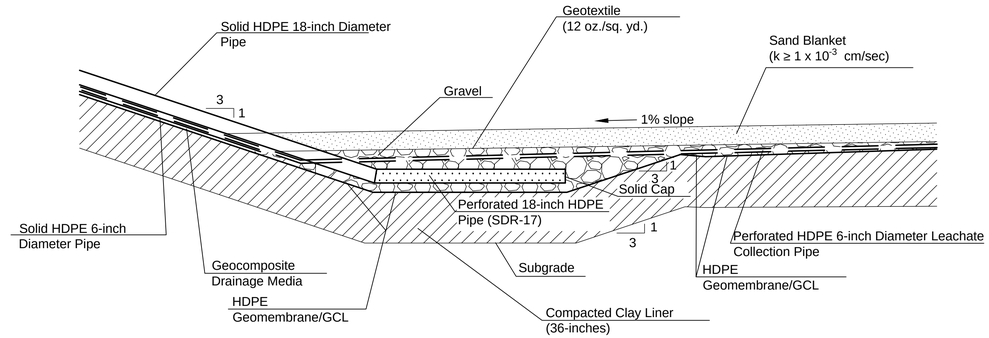


SUMP PLAN VIEW (TYPICAL)

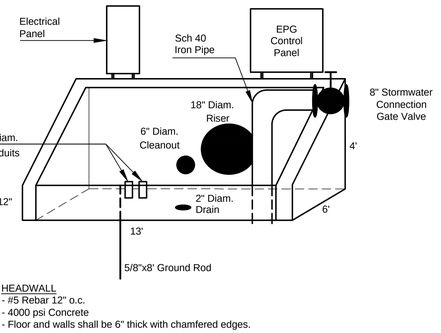
0 (feet) 20

SCALE: 1" = 20'

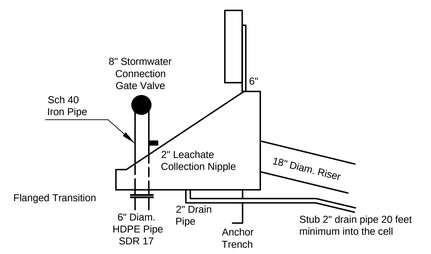


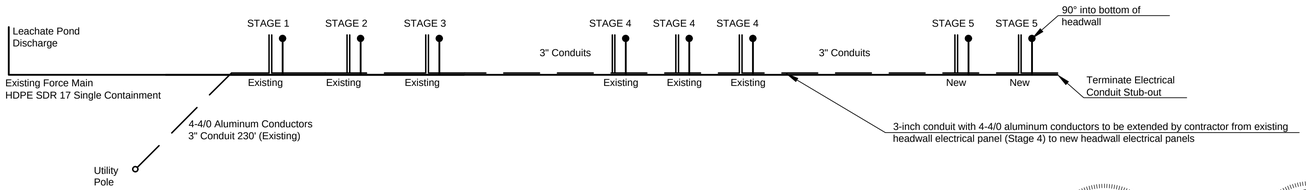
SUMP DETAIL

NOT TO SCALE



HEADWALL
- #5 Rebar 12" o.c.
- 4000 psi Concrete
- Floor and walls shall be 6" thick with chamfered edges.





HEADWALL AND CONNECTIONS SCHEMATICS

NOT TO SCALE

NOTES:

1. Perforations for 18-inch HDPE pipes shall be 3/8" in diameter, arranged in 3 rows spaced 6 inches apart, staggered 3 inches from perforations in adjacent rows. Perforated 18-inch pipes shall be wrapped in geotextile (8 oz./sq. yd.) Minimum of 3 inches of gravel under the pipes is required.

2. Leachate collection pipes at the slope (riser pipes) shall be non-perforated, SDR-17 HDPE pipes.

3. On the headwalls, Contractor shall provide an 8-inch cam fitting for final attachment to the stormwater valve. A stainless steel perforated drain cover (shower drain cover) shall be installed on the floor. Drain pipes shall be cut and flushed at the floor level.

4. Electrical panels for the leachate pumping system shall be a NEMA 3R rated 200A/240V or similar with feed-through lugs and 8 breaker spaces. An 8-foot by 5/8-inch copper clad ground rod shall be installed adjacent to conduits and stubbed 3 inches above the floor of the headwall.

5. Electrical conductors between electrical panels shall be 4/0 Aluminum. Electrical circuit grounding conductor shall be bonded to the ground rod at headwalls.

6. All penetrations into the EPG Control Panels shall have Myers-type hubs and CGB connectors for cords and bonding wire. Control Panels shall also have Myers-type hubs and EYS-style seals for conduit penetrations.

7. Stub force main and electrical conduit and cap 10 feet from "T" in line with future cell. "T" shall be located 20 ft from 90 ELL entering the bottom of the headwall.

8. Contractor shall install a 2" tap into the 8" SCH 40 Iron Pipe approximately 6 inches above the concrete floors. Contractor shall also install a 2" stainless steel swing check valve, a 2" x 1.5" stainless steel reducer, and a 1.5" nylon female cam-lock for connection to the sump pump hoses.

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AS-BUILT

This record drawing is a compilation of a copy of the sealed engineering drawings for this project; modified by addenda, change orders, and information furnished by the contractor. The information shown on the record drawings that was provided by the contractor or others not associated with the design engineer cannot be verified for accuracy or completeness.

REV.	DATE	DESCRIPTION	BY
1	05/11/18	ADDED TEMP. ACCESS ROAD; UPDATED EX. TOPO	SCB

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CELL VIII - STAGE 5
LEACHATE SUMP DETAILS

Project Engineer:	Project No.:	Date:	Sheet No.:
S. BUELL	MUN-017	08-30-2018	11