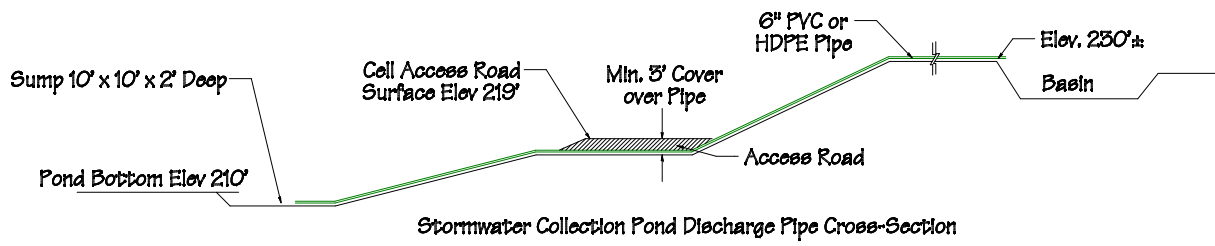
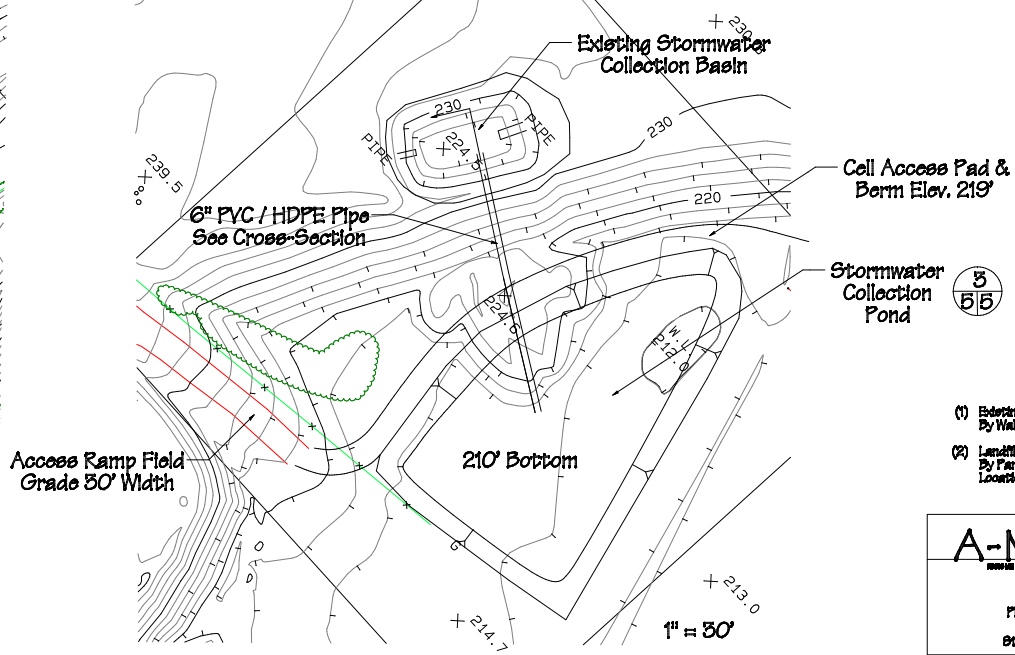


1/5/5 Stormwater Berm

4/5/5 Stormwater Isolation Berm - Extends Full Width of Quarry Area South of Phase IV-A

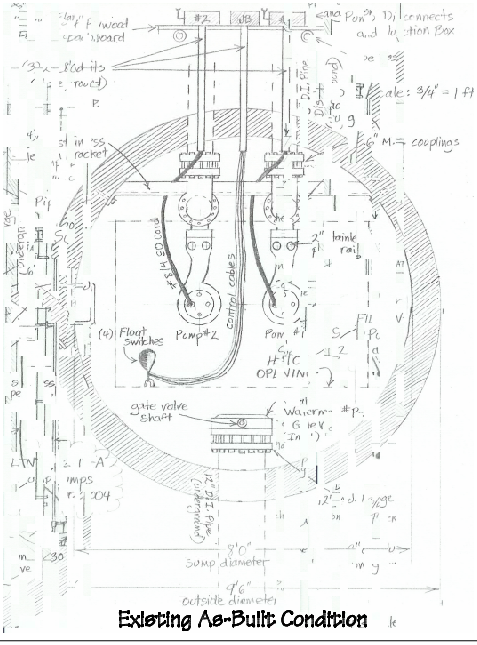
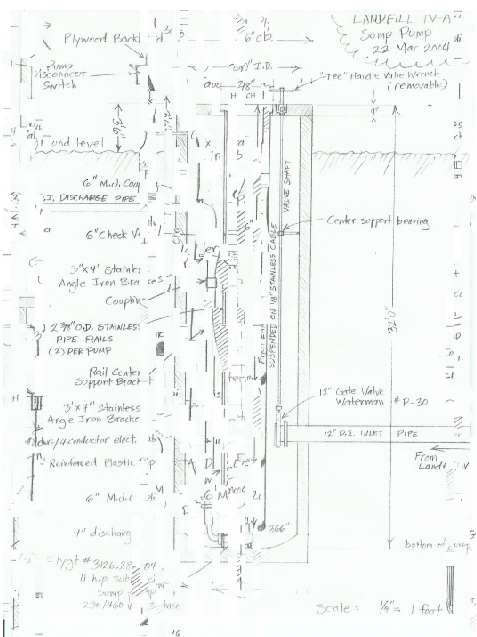


Stormwater Collection Pond Discharge Pipe Cross-Section

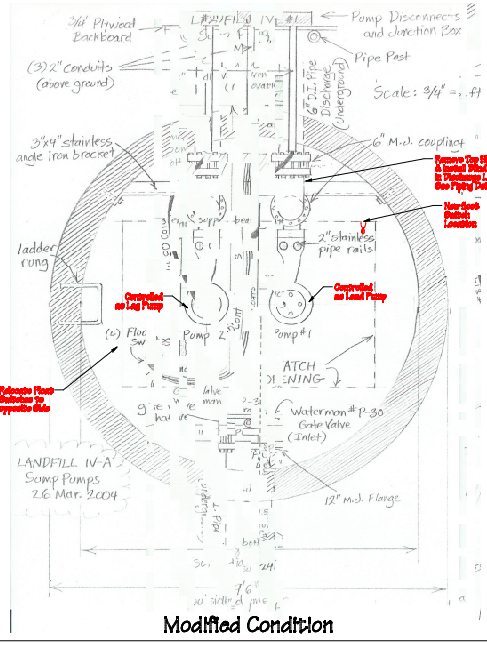
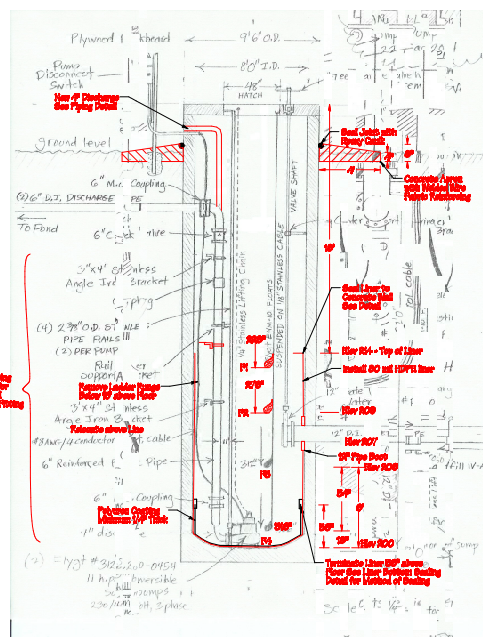


- Notes**
- (1) Existing Topography Based on Aerial Survey By Walker & Associates Dated 2/16/05
 - (2) Landfill Design features Based on Drawings By Parametric, Inc. Revised 7/9/06. Locations to be field verified.

A-Mehr Inc.		PLAN/S&E
<small>www.a-mehr.com</small>		ISSUED
Central Mass Landfill		DATE
Phase IV-A Modifications		DATE
Stormwater Improvements		DATE
		5



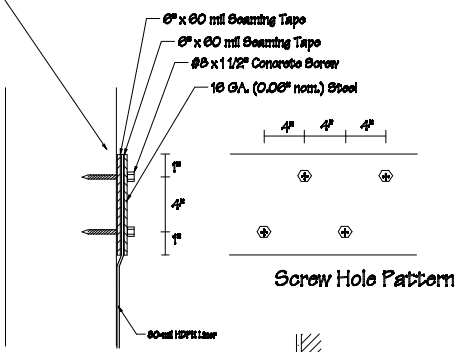
Existing As-Built Condition



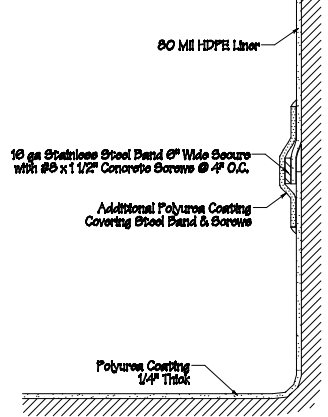
Modified Condition

Control Schedule		
Elev.		Function
F1	212'	Alarm/Backup Pump on
F2	208'	Lag Pump on
F3	208'	Lead Pump on
F4	201.5'	Low Water Cutoff

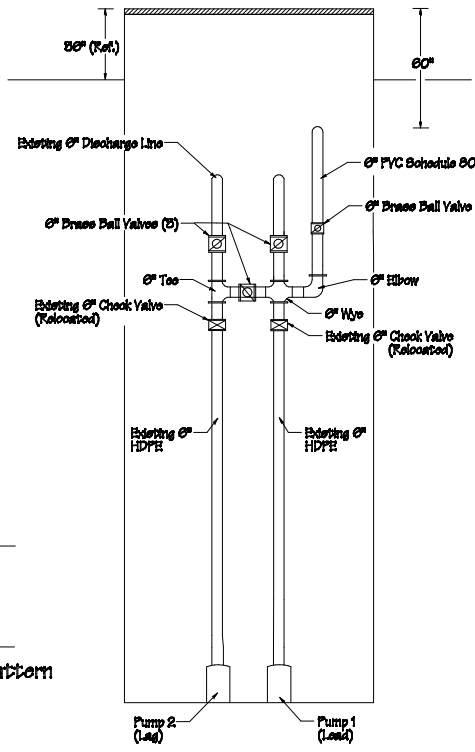
- Notes**
- (1) Clean concrete surface above top of liner using wire brush and oil-free solvent (Acetone, Alcohol)
 - (2) Seaming Tape shall be "Seal-It" Moldable Double Sided Seaming Tape MB 60 by Western Environmental Liner Co., Tolleson AZ
 - (3) After installation comp steel rim with ramp - rollerstamp patch.



Liner Top Sealing Detail



Liner Bottom Sealing Detail

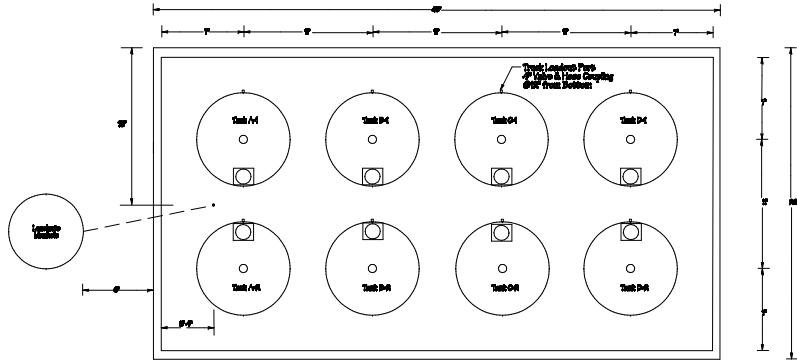


Piping Detail Scale 1\"/>

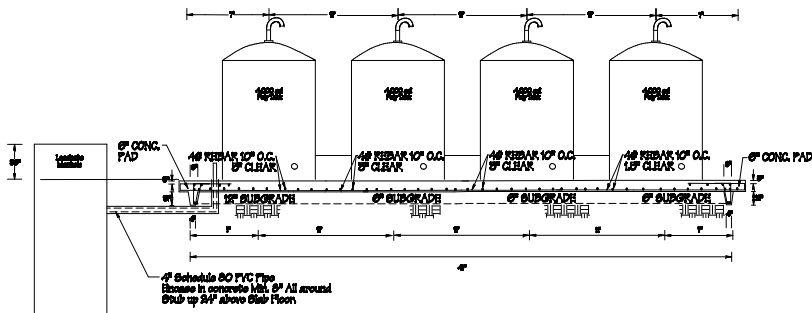
- General Notes**
- (1) Remove Pumps Pipe, and Fittings Below Elev. 214.
 - (2) Construct HDPE Liner, Note O&A Requirements in Specifications.
 - (3) Retainall Pumps and controls as shown. Do not Penetrate or Damage HDPE Liner. Modify Lifting Guide and Access Ladder as needed.
 - (4) Forseti Waterman gate valve as required to eliminate leaking.
 - (5) Tighten flange bolts and nuts on mechanical joints in 6\"/>
 - (6) Pump No. 1 (Lead Pump) to be equipped with variable speed drive and operation at 100 gpm or less flow rates.

Sealing conditions based on geotechnical investigation and drawing by Up-Country Electric Company March 26, 2004. Field verify all observations.

A-Mehr Inc.		PLAN/REV
Central Maud Landfill		1/10/04
Phase IV-A Modifications		REV
Leachate Manhole Modifications		2/2/05
		3/2/05
		3/2/05
		6



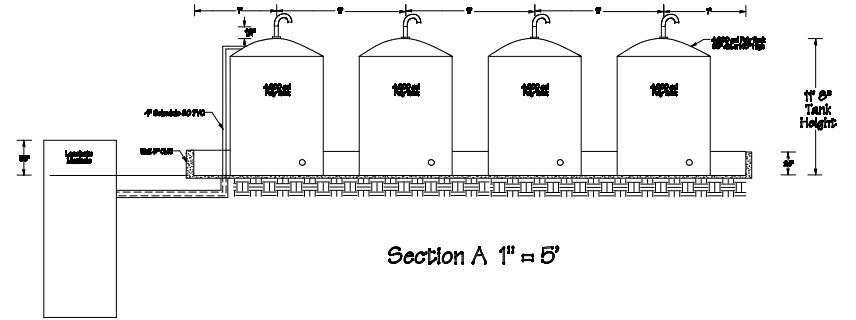
Foundation and Tank Plan
(See Sheet 8 for Pipe and Fittings)



Foundation Detail

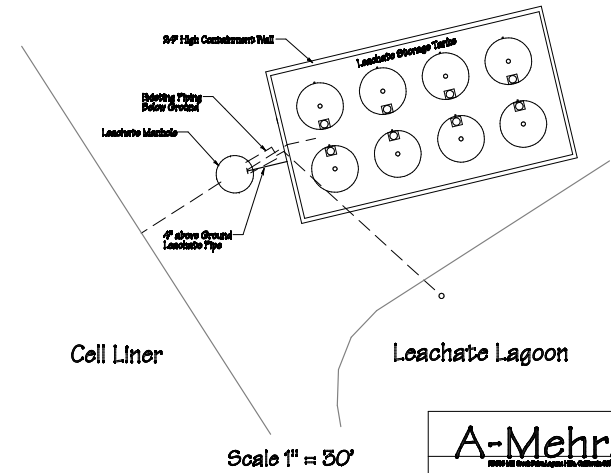
Notes

1. Concrete to achieve 28-day compressive strength of 5000 psi.
2. Construct CMU wall using 8" x 8" x 16" concrete masonry units. Fill all CMU voids with grout or concrete.
3. Apply continuous strip of silicone caulk at inside joint of concrete slab and CMU wall.
4. Apply two (2) coats of silicone based waterproof masonry sealer to all exposed CMU wall surfaces and one coat of concrete sealer to slab.
5. Apply two (2) coats of latex exterior concrete floor paint to concrete slab and CMU wall. Color designated by Owner.
6. Contractor may propose alternate 4" cast-in-place wall integral with slab, as alternate to CMU wall.



Section A 1" = 5'

Access Road



Scale 1" = 50'

A-Mehr, Inc. <small>www.a-mehr.com</small> Central Mud Landfill Phase IV-A Modifications Leachate Storage Tank Installation	PLAN/REV 10/2011 PM DESIGNED
	DATE 02/04 REVISIONS
	7