

AWMS-1

STATE PLANE	GEOGRAPHIC
NAD 83 - OH (N)	NAD 83
X: 2443198	Lat: 41.1954141°
Y: 561654	Lon: -80.7749721°
Elev: 909 (NAVD 88)	

- ☒ Injection Well
☒ New Location

AWMS-2

STATE PLANE	GEOGRAPHIC
NAD 83 - OH (N)	NAD 83
X: 2443193	Lat: 41.1957206°
Y: 561766	Lon: -80.7749819°
Elev: 909 (NAVD 88)	

- ☒ Injection Well
☒ New Location

AWMS-1 NAD 27 NORTH

X: 2,474,657

Y: 561,622

562' SL & 2158' WL OF SECT 9 5.2 AC N86/LCKP-SW1W-RT

BAIR, GOODIE AND ASSOCIATES, INC.

153 NORTH BROADWAY, NEW PHILADELPHIA, OHIO
TELEPHONE: (330) 343-3499, FAX: (330) 343-9505

Company: American Water Management Services LLC

Address: One American Way, Warren, Ohio 44484

Lease Name: Niles Injection Site **Drilling Unit:** 5.20 acres

Well(s): AWMS-1 & AWMS-2

Quad: Warren **Subdivision:** Connecticut Western Reserve

Location: Section 9, T-3N, R-3W

Twp: Weathersfield **County:** Trumbull

Surveyor: FEB **Draftsman:** KT **Date:** 01.10.2011

MAP

Showing Proposed New
Location or Abandoned Well
State of Ohio
Dept. of Natural Resources
Division of Oil & Gas
Fountain Square,
Columbus, Ohio 43224

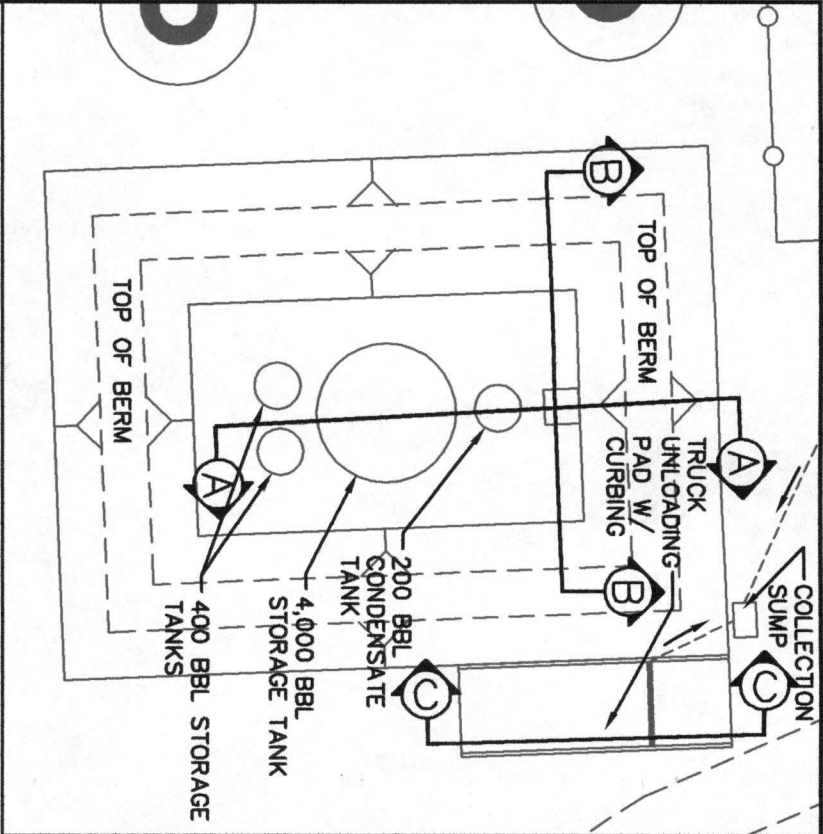
CERTIFICATE OF SURVEYOR

I, the undersigned, hereby certify that this map is true and correct as required by the General Code of Ohio and that there are no production wells within 570 feet and no roads, streams, or dwellings within 500 feet of this location, except as shown.

FRANK E. BAIR P.S. NO. 5918

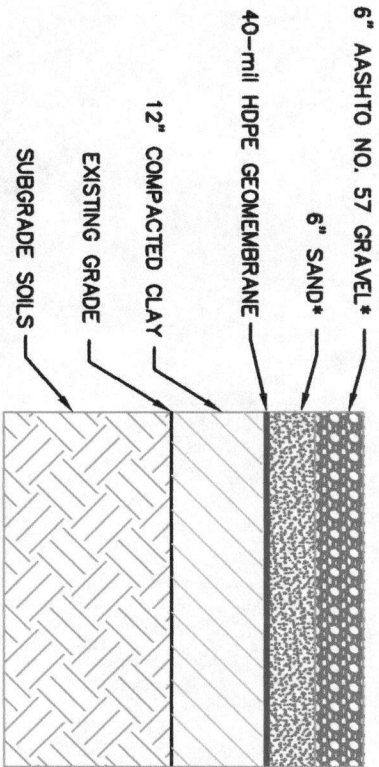
DATE 1/10/12

34-155-2-4076-00-00



EARTHEN CONTAINMENT
STRUCTURE PLAN

SCALE: 1"=50'

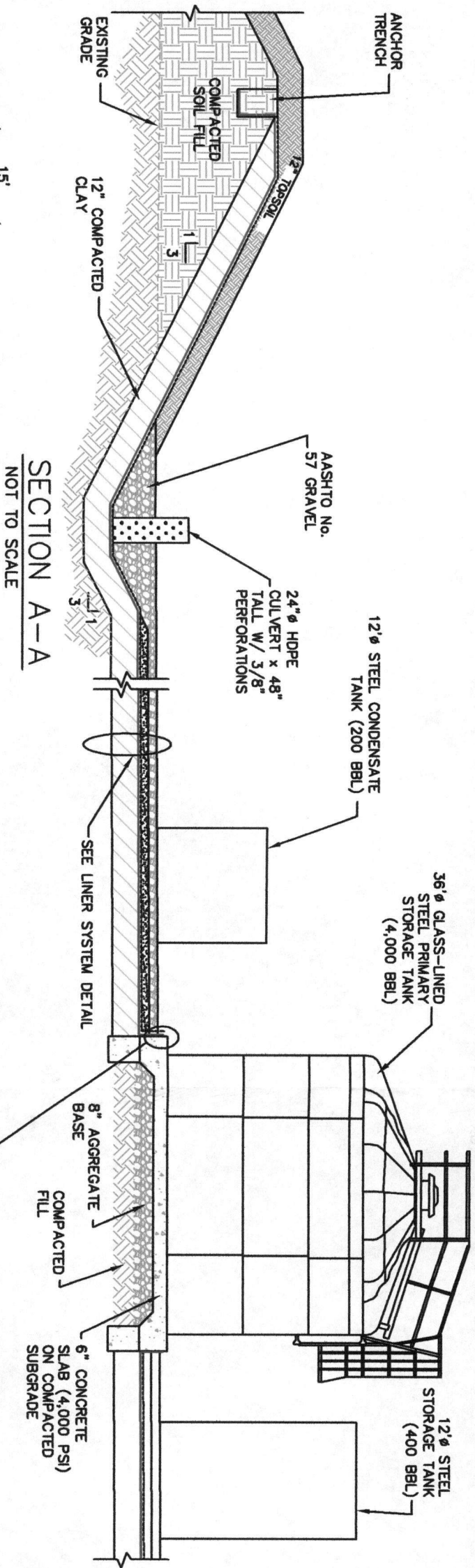


LINER SYSTEM DETAIL
NOT TO SCALE

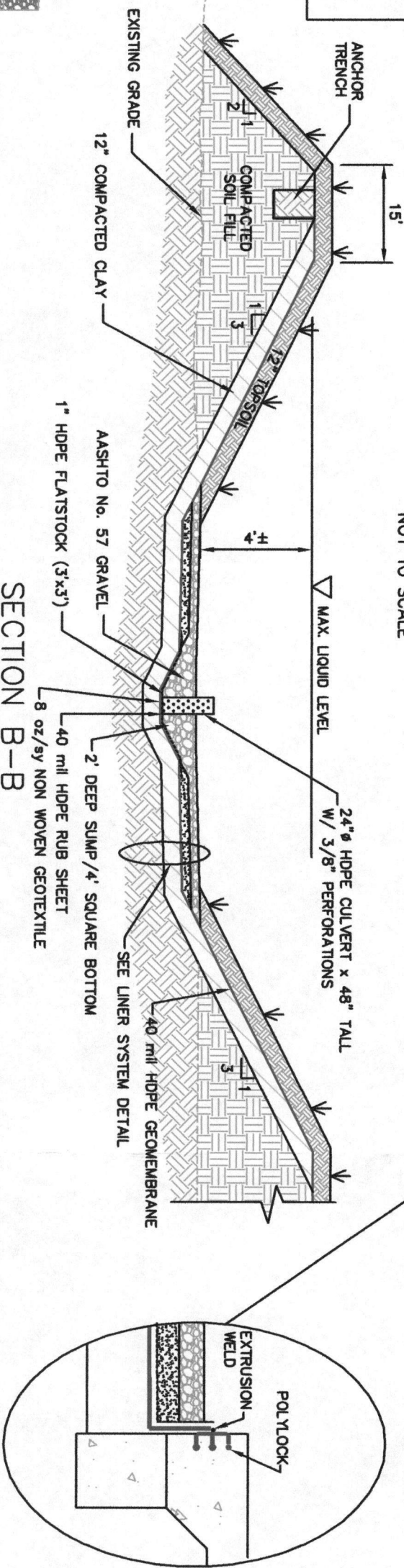
*NOTE: 12" OF TOPSOIL TO BE USED ON CONTAINMENT
SIDESLOPES INSTEAD OF SAND & GRAVEL



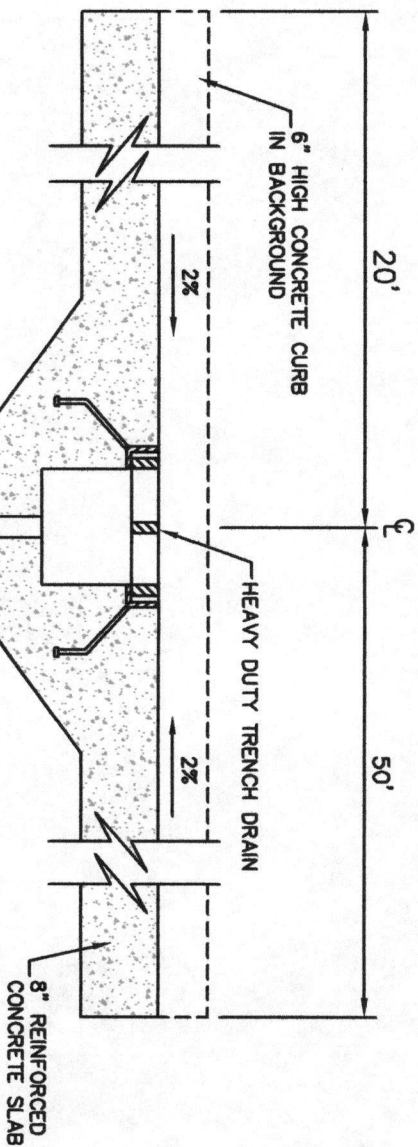
NORTH POINT
ENGINEERING



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE



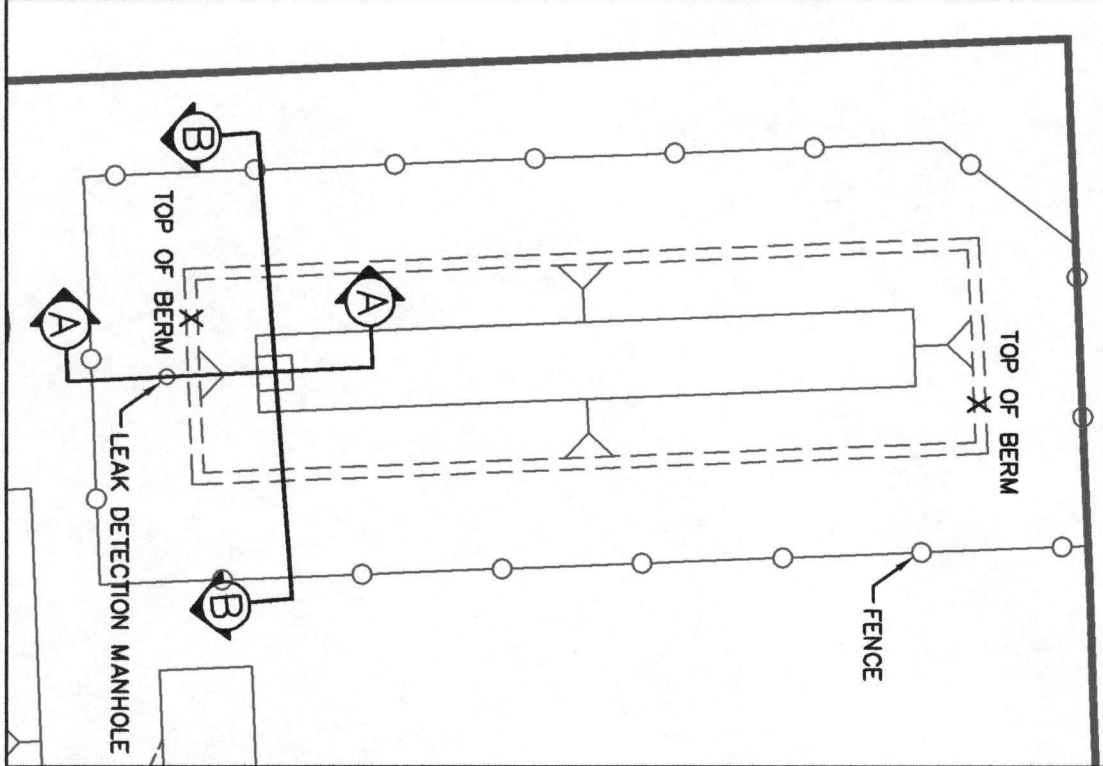
SECTION C-C
NOT TO SCALE

AMERICAN WATER MANAGEMENT SERVICES, LLC

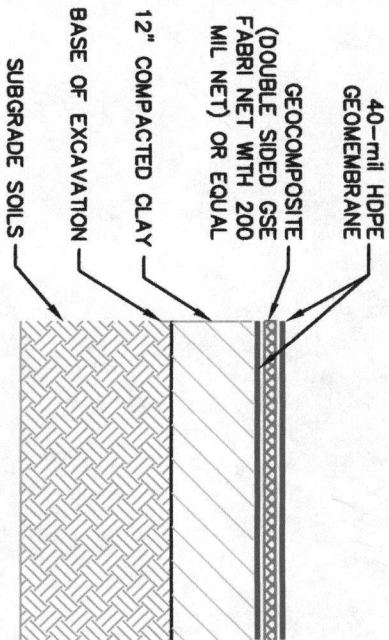
FIGURE 4

TANK CONTAINMENT LAYOUT AND DETAILS
NILES INJECTION SITE

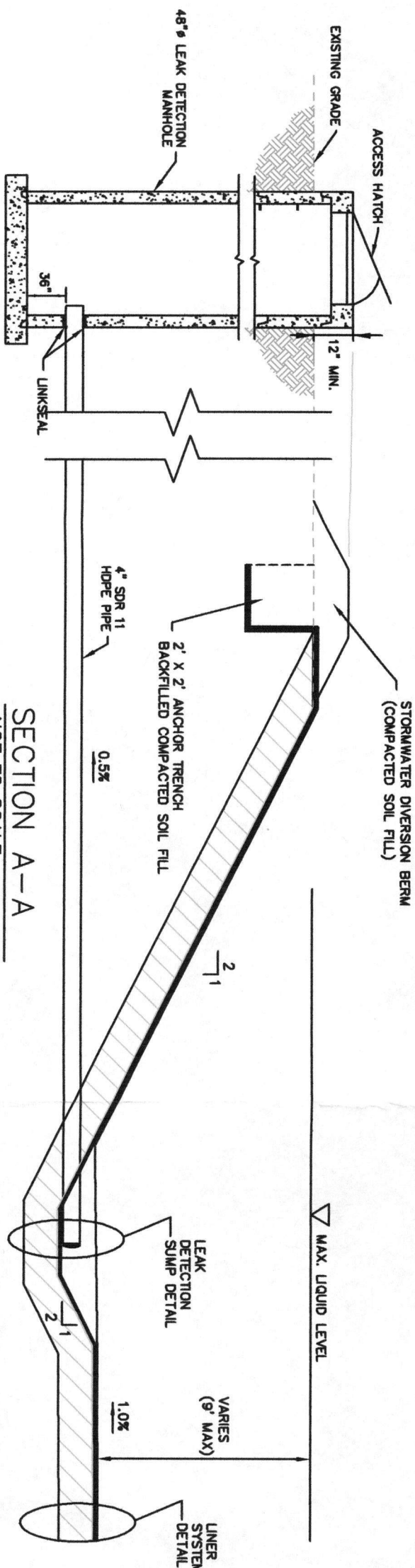
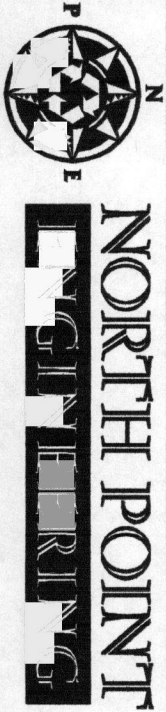
DATE: 12-22-11 SCALE: AS NOTED DWG. NO.: KUR003-FIG4



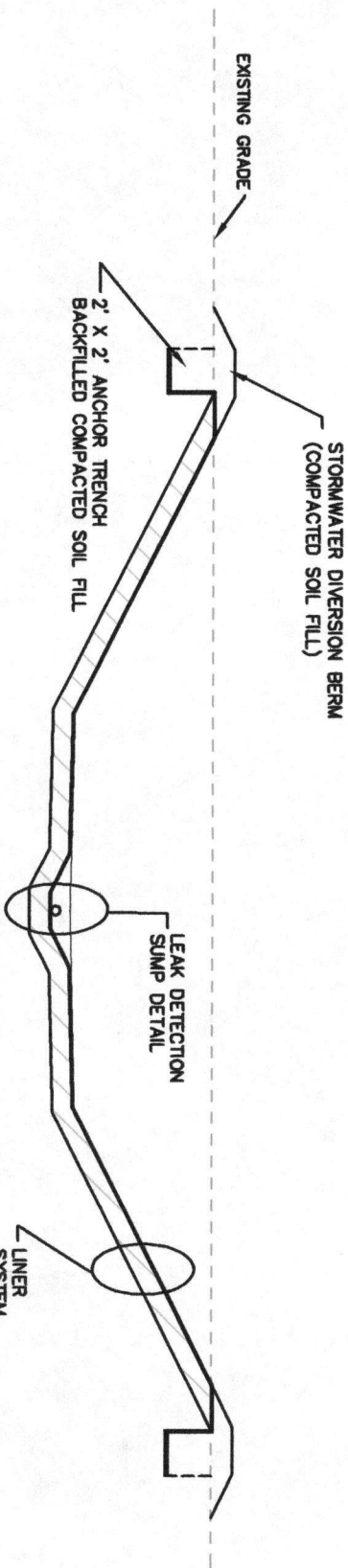
IMPOUNDMENT PLAN
SCALE: 1"=50'



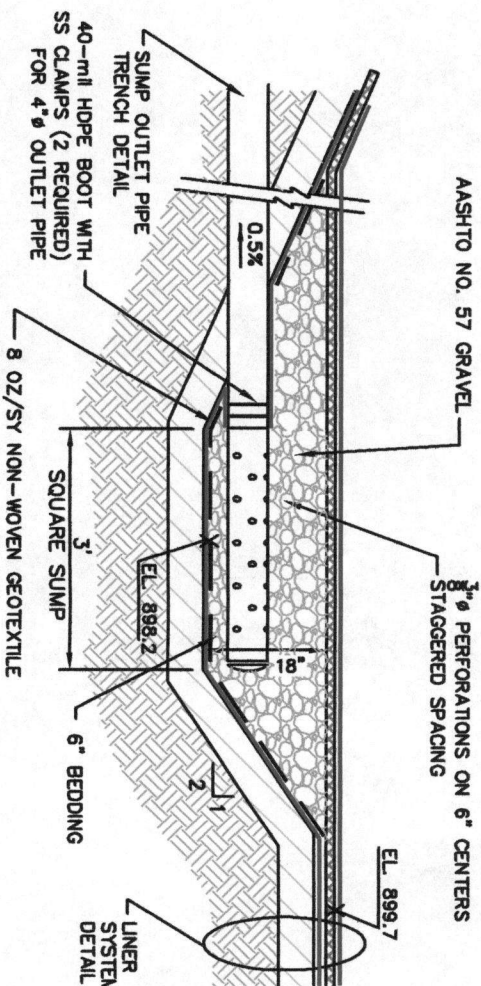
LINER SYSTEM DETAIL
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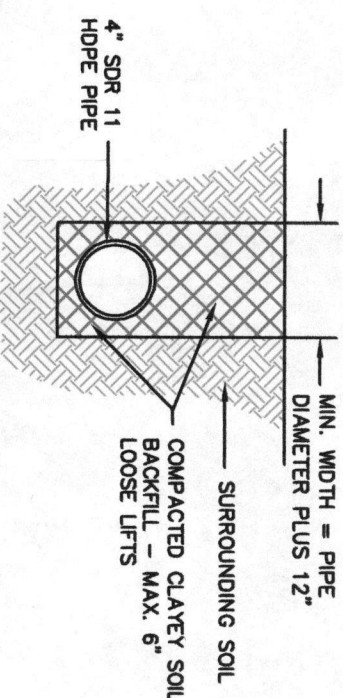
SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE



LEAK DETECTION SUMP DETAIL
NOT TO SCALE



SUMP OUTLET PIPE TRENCH DETAIL
NOT TO SCALE

AMERICAN WATER MANAGEMENT SERVICES, LLC

FIGURE 3
IMPOUNDMENT LAYOUT AND DETAILS
NILES INJECTION SITE

DATE: 12-21-11

SCALE: AS NOTED

DWG. NO. : KUR003-FIG3

