

Pond and Wetland Area Cut/Fill

Cut yards	Fill yards	Net yards	Method
5,555	711	4,844 (c)	Grid
5,612	747	4,865 (c)	Composite
5,615	747	4,868 (c)	End area
5,612	746	4,866 (c)	Prismoidal

ALD Cut/Fill (without fill above limestone)

Cut yards	Fill yards	Net yards	Method
2,321	295	2,026 (c)	Grid
2,358	323	2,035 (c)	Composite
2,357	391	1,966 (c)	End area
2,354	388	1,966 (c)	Prismoidal

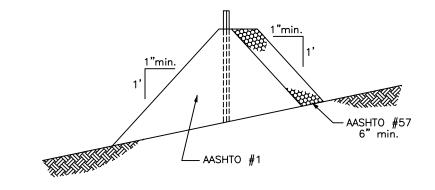
ALD Fill Above Limestone

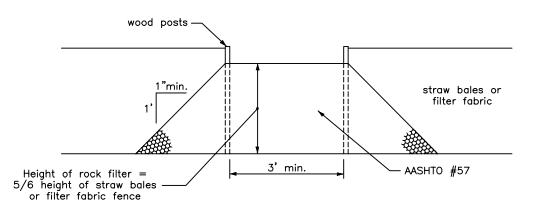
Cut yards	Fill yards	Net yards	Method
0	1,330	1,330 (f)	Grid
0	1,377	1,377 (f)	Composite
0	1,376	1,376 (f)	End area
0	1,373	1,373 (f)	Prismoidal

ALD Cut in Iron Deposit

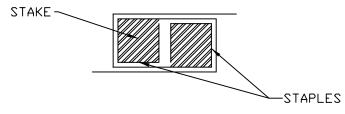
Cut yards	Fill yards	Net yards	Method
1,683	0	1,683 (c)	Grid
1,738	0	1,738 (c)	Composite
1,788	0	1,788 (c)	End area
1,782	0	1,782 (c)	Prismoidal

Rock Filter Outlet Construction Detail

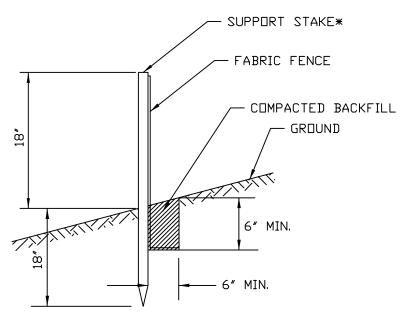




STANDARD CONSTRUCTION DETAIL Standard Filter Fabric Fence (18" High)



JOINING FENCE SECTIONS



* Stakes spaced @ 8' maximum. Use 2" x 2" wood or equivalent steel stakes.

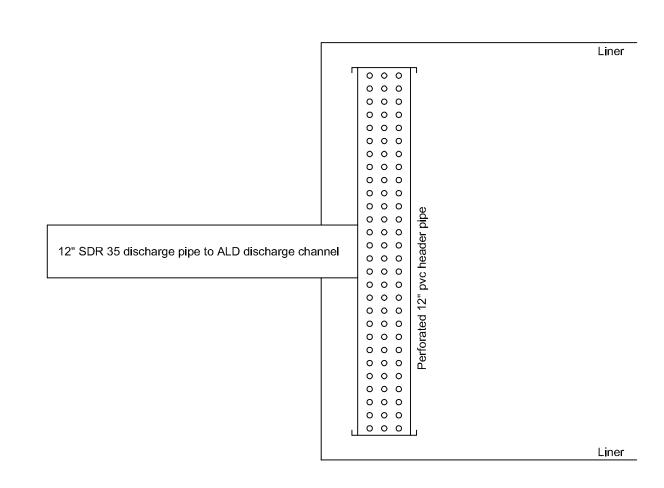
Filter Fabric Fence must be placed at level existing grade. Both ends of the barrier must be extended at least 8 feet up slope at 45 degrees to the main barrier alignment.

Sediment must be removed when accumulations reach 1/2 the above ground height of the fence.

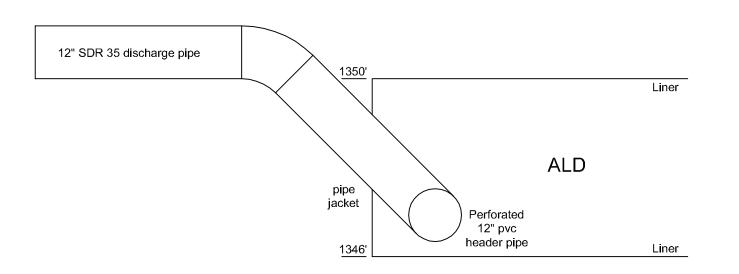
Any section of Filter Fabric Fence which has been undermined or topped must be immediately replaced with a Rock Filter Outlet. See Standard Construction Detail.

ALD OUTLET DETAIL NOT TO SCALE

PLAN VIEW

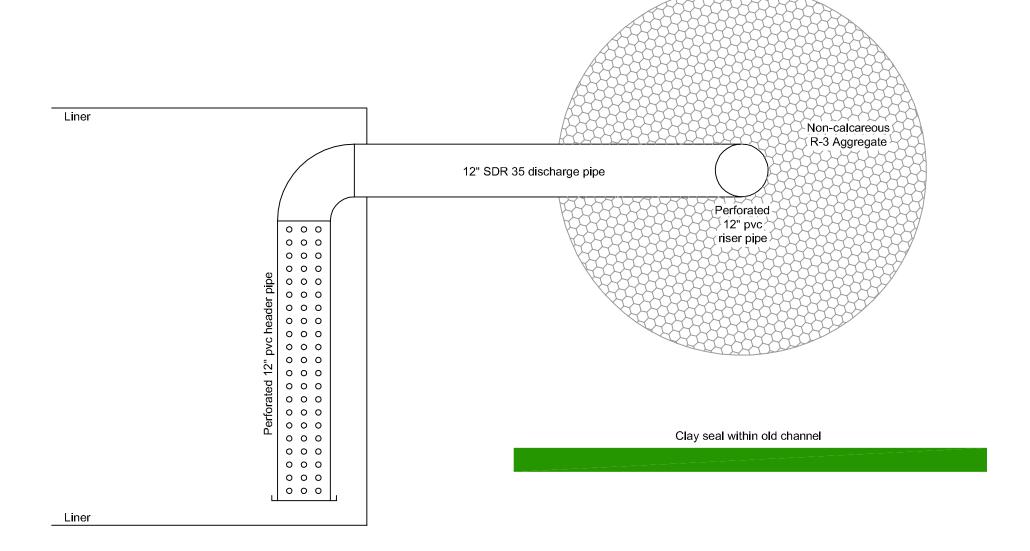


CROSS SECTION

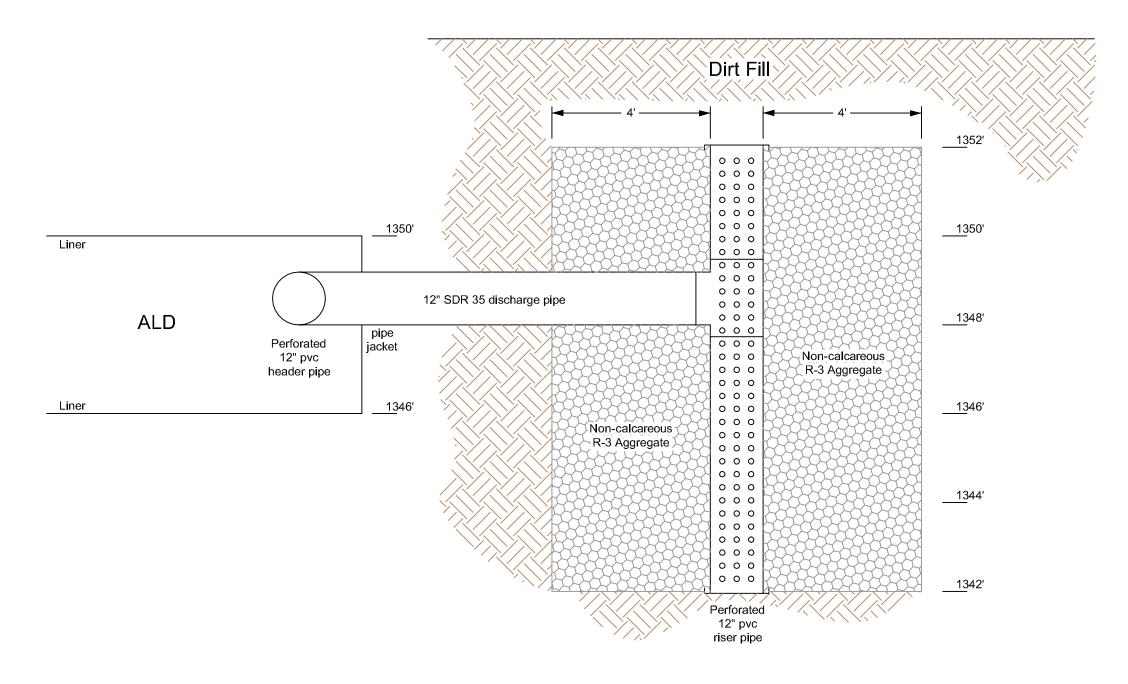


DISCHARGE COLLECTION DETAIL

NOT TO SCALE

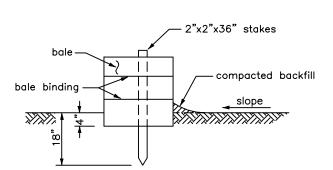


PLAN VIEW



CROSS SECTION





Notes: Straw Bale Barriers should not be used for more than 3 months.

Straw Bale Barriers must be placed at level grades. Both ends of the barrier must be extended at least 8 feet upslope at 45 degrees to main barrier alignment.

Sediment must be removed where accumulations reach 1/3 the above ground height of the barrier.

Any section of straw bale barrier which has been undermined or topped must be immediately replaced with a rock filter outlet. See Rock Filter Outlet Detail.

Title:		(SEAL)		Mur	e, PLS (PLS No. SU-039402-E)	
		for Hedin Environmental, Inc.		Municipality: Farmington Township	County:	Clarion County, PA
Farmington Site	Farmington Site Fopographic Survey for	for onmental, li	DIVG FILISDUIGH,	Date: July 2005	Drawn Bv:	dem
		nc. §	ξ.	Drawing No.: he-farm4.dwg	Scale:	As Shown

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