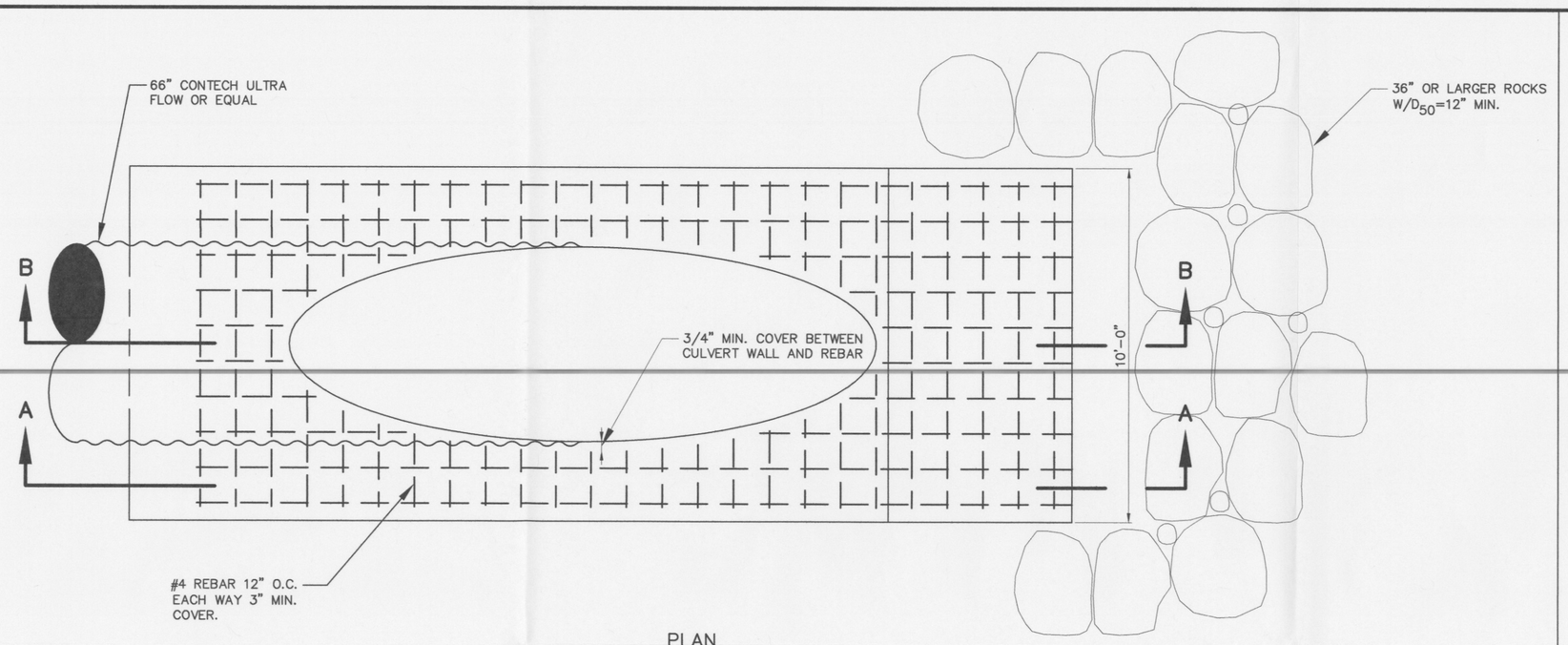
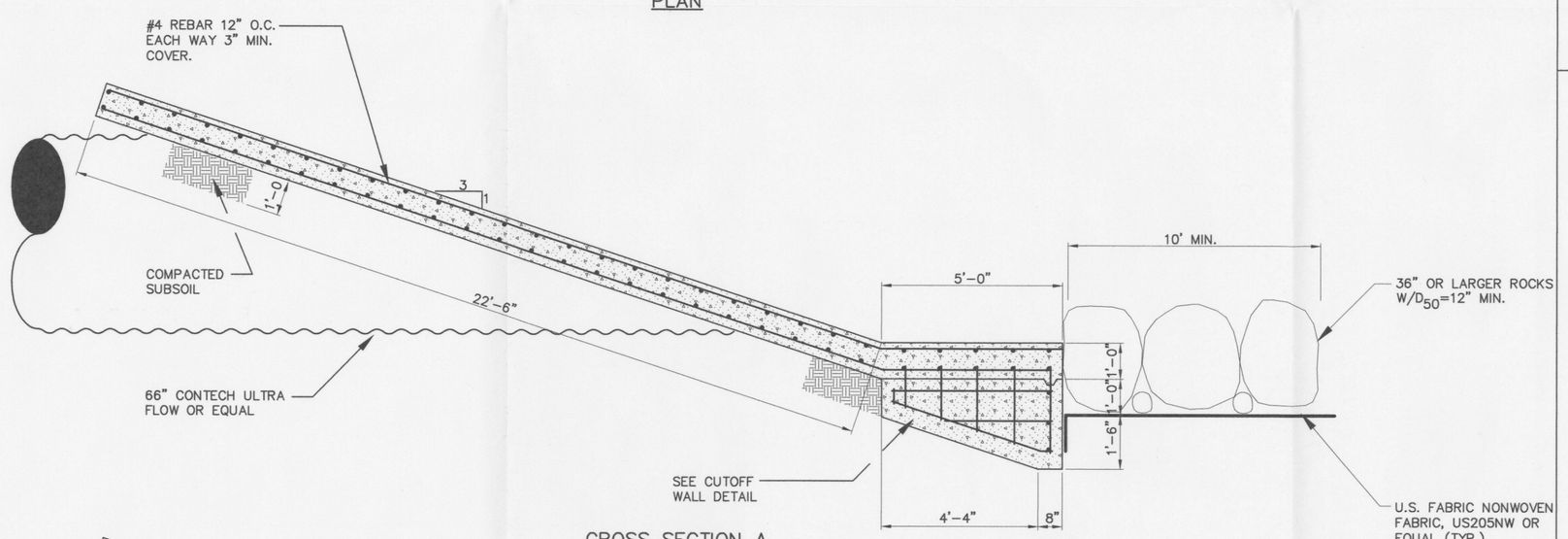
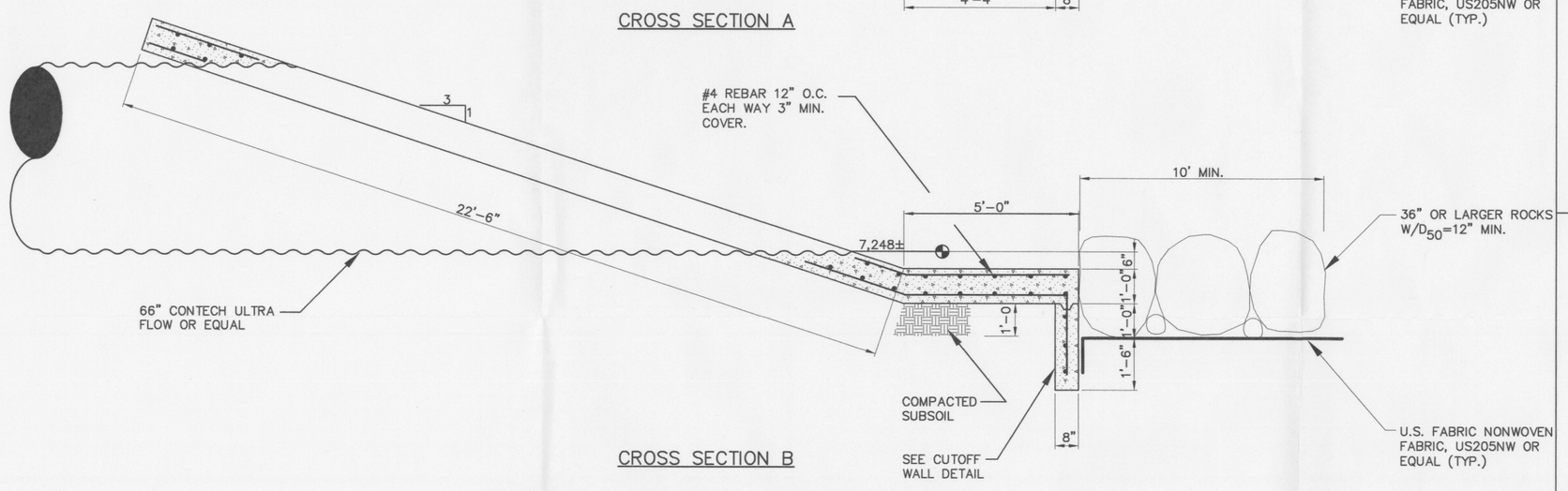


PLAN

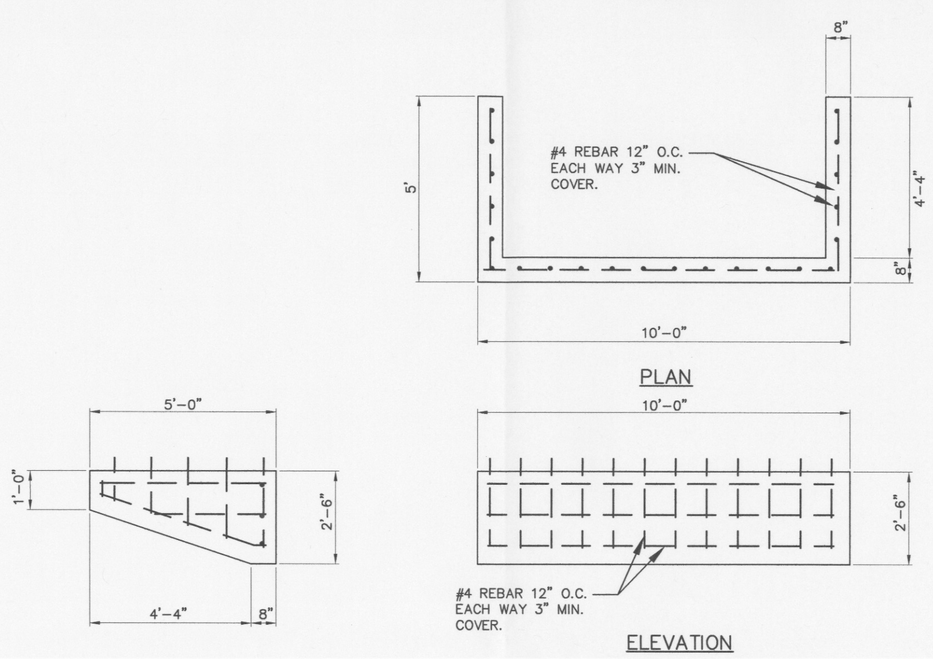


CROSS SECTION A

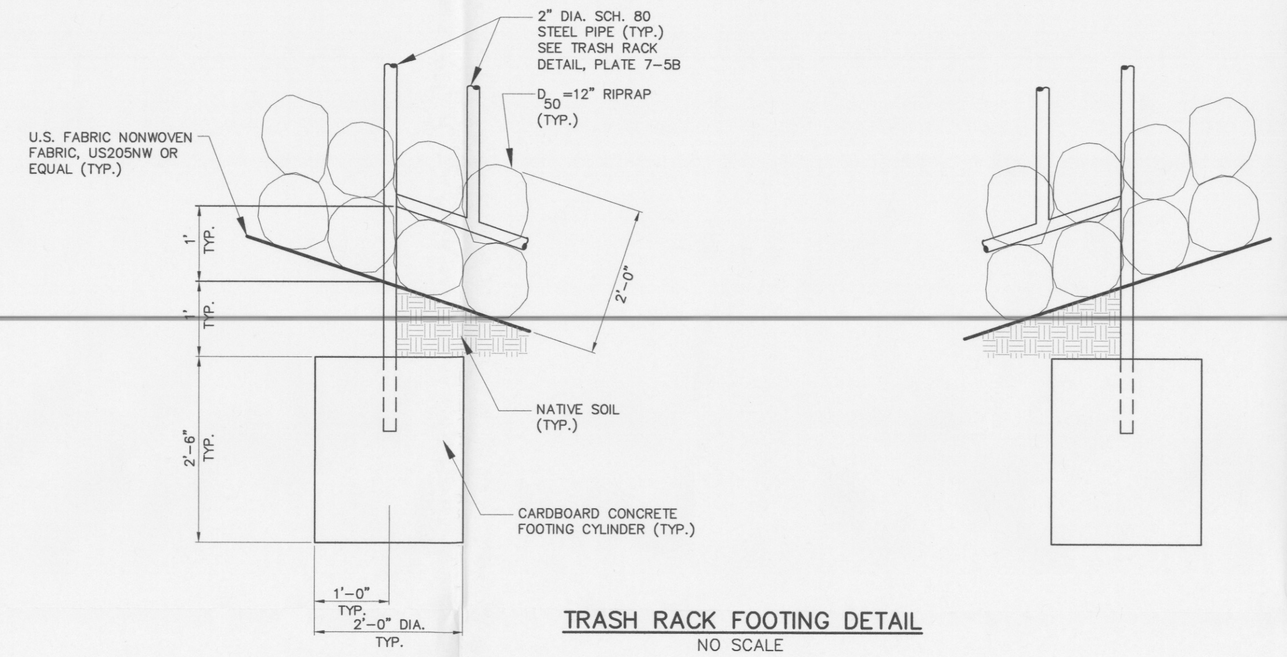


CROSS SECTION B

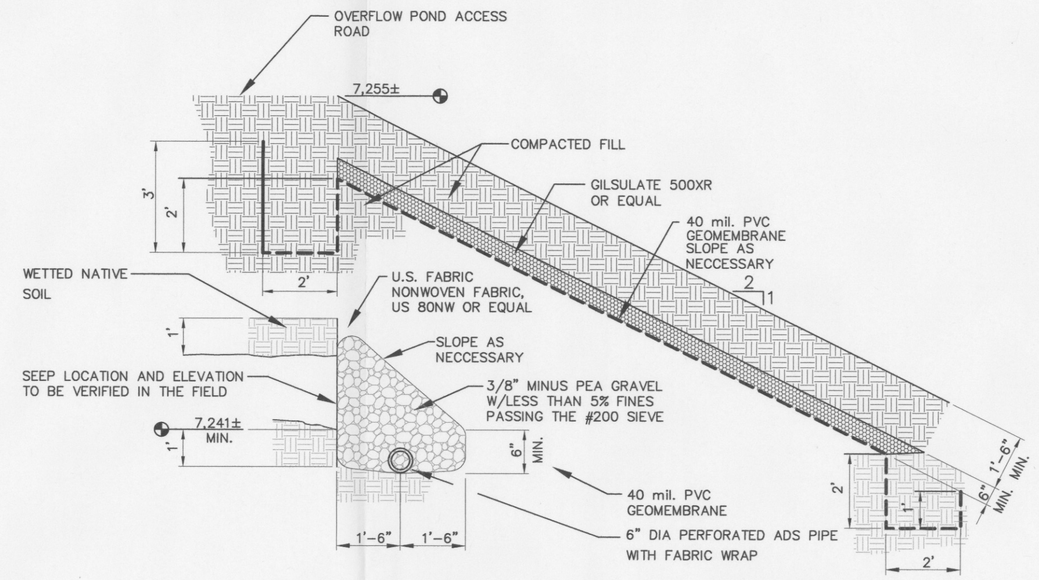
OVERFLOW POND BYPASS OUTLET DETAIL
NO SCALE



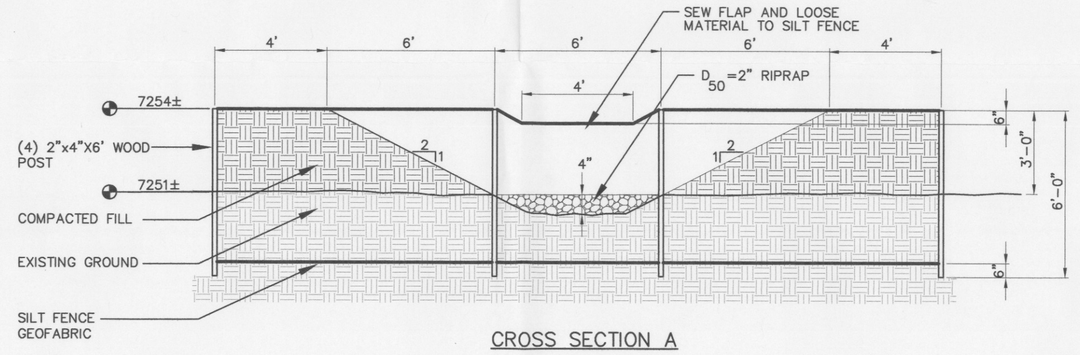
CUTOFF WALL DETAIL
SCALE: 1"=3'-0"



TRASH RACK FOOTING DETAIL
NO SCALE



SEEP DIVERSION DETAIL
NO SCALE



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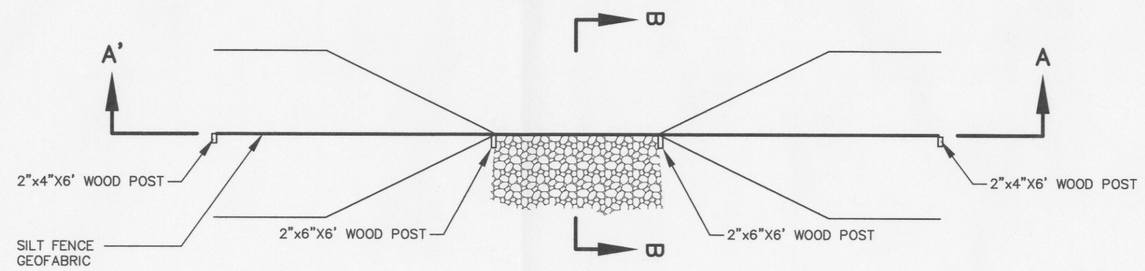
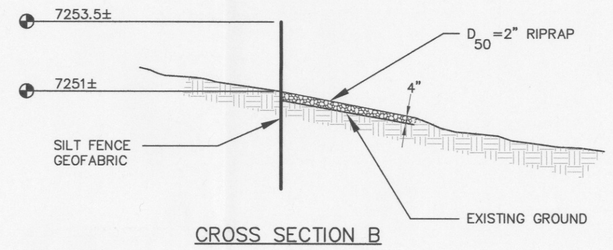
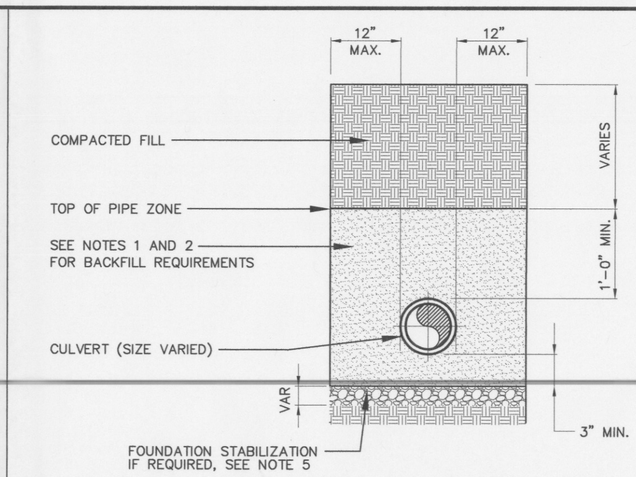


PLAN



CROSS SECTION B

TOPSOIL STOCKPILE BERM SPILLWAY DETAIL
NO SCALE



NOTES:

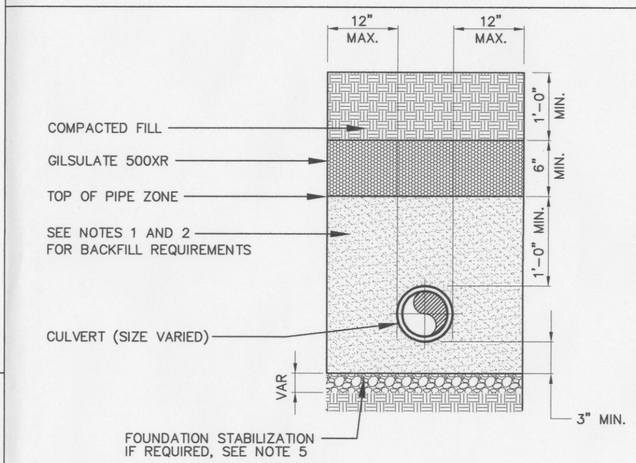
1. PLACE BACKFILL AT OPTIMUM MOISTURE IN HORIZONTAL 8" DEEP LOOSE LAYERS. COMPACT TO 95% (ASTM-D698) MAXIMUM DRY DENSITY.
2. NATURAL RIVER OR BANK SAND FREE OF DEBRIS, GRADED AS FOLLOWS:

SIEVE SIZE	% PASSING
3/4"	100
# 200	2-10 MAX

3. MAXIMUM WIDTH OF TRENCH INCLUDING ANY NECESSARY SHEATHING IS PIPE O.D. + 24".
4. O.D. MEANS OUTSIDE DIAMETER OF PIPE BARREL.
5. FOR FOUNDATION STABILIZATION USE "SEWER ROCK" CONFORMING TO THE FOLLOWING GRADATION.

SIEVE SIZE	% PASSING	IDEAL GRADATION (TOLERANCE)
2"	100	±5
1"	65	±5
1/2"	5	±1

PIPE BEDDING/TRENCHING IN NON-POND AREA DETAIL
NO SCALE



NOTES:

1. PLACE BACKFILL AT OPTIMUM MOISTURE IN HORIZONTAL 8" DEEP LOOSE LAYERS. COMPACT TO 95% (ASTM-D698) MAXIMUM DRY DENSITY.
2. NATURAL RIVER OR BANK SAND FREE OF DEBRIS, GRADED AS FOLLOWS:

SIEVE SIZE	% PASSING
3/4"	100
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SIEVE SIZE	% PASSING	IDEAL GRADATION (TOLERANCE)
2"	100	±5
1"	65	±5
1/2"	5	±1

PIPE BEDDING/TRENCHING IN POND AREA DETAIL
NO SCALE

INCORPORATED
OCT 0 1 2009
Div. of Oil, Gas & Mining

REGISTERED PROFESSIONAL ENGINEER No. 168246 RICHARD B. WHITE STATE OF UTAH

REVISIONS				
NO.	DATE	REQ. BY	DWG. BY	REMARKS

Canyon Fuel Company, LLC
SUFCO Mine
397 South 800 West – Salina, UT 84654
(435) 286-4880 Phone
(435) 286-4499 Fax

OVERFLOW POND DETAILS

SCALE:	DATE:	DRAWN BY:	ENGINEER:	PLATE NO.
AS SHOWN	03/27/09	SWF/TAJ	TAJ	7-5C
CHECKED BY: BRW	FILE NAME: G:\UC1191\02-Sed Pond design\Final Design\PLATE 7-5C			

UC1191\02 - Sed pond design\Final Design\PLATE 7-5C.dwg, 10/8/2009 10:43:53 PM