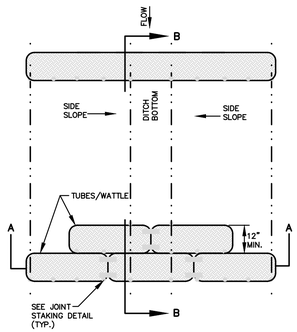
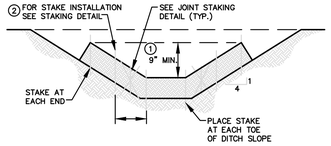
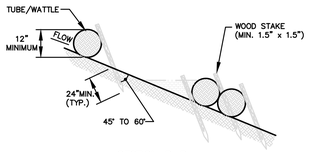


PLAN VIEW FOR DITCH APPLICATION



SECTION A–A



SECTION B–B

NOTES:

① THE DEPTH AND WIDTH OF THE WEIR SECTION OF THE WATTLE SHALL BE DESIGNED TO PASS THE 2yr/24hr OR 5yr/24hr STORM EVENT WITHOUT OVERTOPPING THE CHANNEL.

② STAKE PER MANUFACTURERS RECOMMENDATIONS

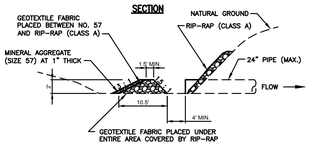
EROSION CONTROL PLAN LEGEND:

TUBES AND WATTLES

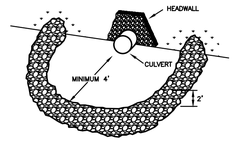
TUBES & WADDLES FOR DITCH APPLICATION

TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK – CHAPTER 7.25

SCALE: NOT TO SCALE



PERSPECTIVE VIEW



STONE FILTER RING

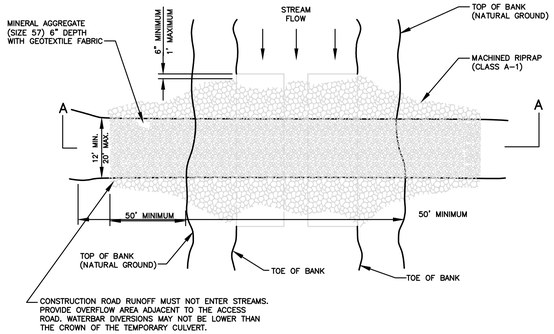
TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK – CHAPTER 7.30

SCALE: NOT TO SCALE

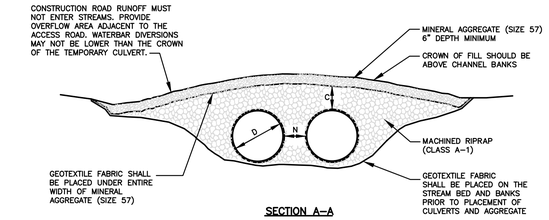
TEMPORARY STREAM CROSSINGSELECTION						
PIPE DIAMETER (INCHES)	AVERAGE CHANNEL SLOPE					
	0.5%	1.0%	1.5%	2.0%	2.5%	3.0%
18	8.5	9.1	9.8	10.4	11.0	11.3
24	17.4	18.8	20.0	21.4	21.5	21.7
30	30.1	32.3	33.9	34.1	33.5	33.0
36	46.8	50.4	49.5	47.8	46.6	45.8
42	67.7	69.0	65.5	62.8	61.0	59.6
48	92.6	88.1	76.8	78.6	75.8	73.7
54	127.2	107.0	91.9	94.9	91.1	88.1
60	146.5	121.1	118.4	111.1	106.1	101.9
72	194.9	142.2	153.6	141.3	133.3	127.9
RIPRAP	B	B	B	B	B/C	B/C

EROSION CONTROL PLAN LEGEND:

TEMPORARY STREAM CROSSING



PLAN VIEW OF TEMPORARY CULVERT CROSSING



SECTION A–A

C = 1/2 DIAMETER OF PIPE OR 18" WHICHEVER IS GREATER
N = 1/2 DIAMETER OF PIPE OR 12" WHICHEVER IS GREATER
D = PIPE DIAMETER

TEMPORARY STREAM CROSSING

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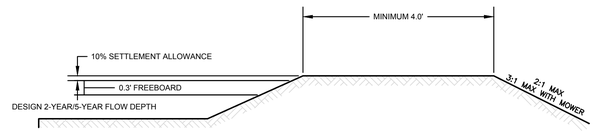
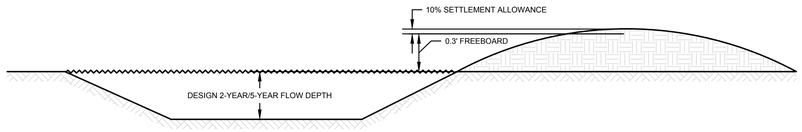
SCALE: NOT TO SCALE



DIVERSION BERM



DIVERSION CHANNEL WITH BERM

EROSION CONTROL PLAN LEGEND:

TD

DIVERSION

DIVERSION

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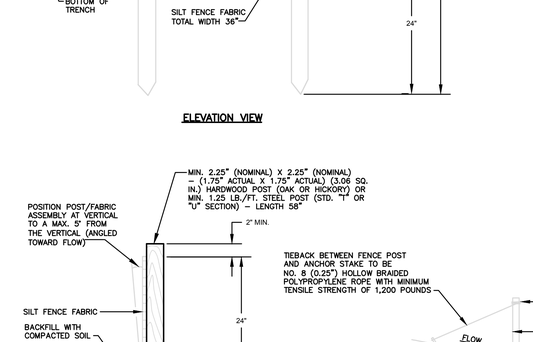
SCALE: NOT TO SCALE



ELEVATION VIEW

SECTIONAL VIEW

SILT FENCE TIEBACK FOR STEEL POSTS OR WOOD POSTS

(WHEN REQUIRED BY THE ENGINEER OR NOTED IN THE PLANS. COST TO BE INCLUDED IN THE ITEMS FOR SILT FENCE)

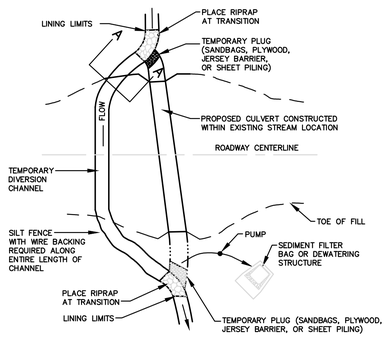
EROSION CONTROL PLAN LEGEND:

SILT FENCE

SILT FENCE

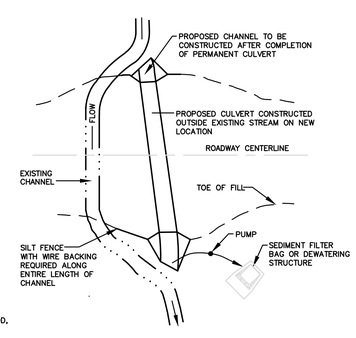
TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK – CHAPTER 7.34

SCALE: NOT TO SCALE



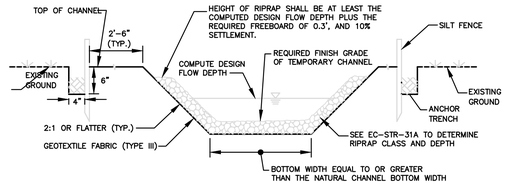
PLAN VIEW

CULVERT CONSTRUCTED WITHIN EXISTING STREAM

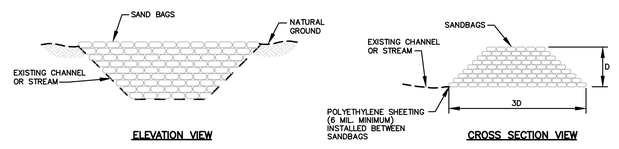


PLAN VIEW

CULVERT CONSTRUCTED OUTSIDE EXISTING STREAM



SECTION A–A



ELEVATION VIEW

CROSS SECTION VIEW

PLUG DETAIL

EROSION CONTROL PLAN LEGEND:

TEMPORARY DIVERSION CHANNEL (DESCRIBE – SIZE AND TYPE OF LINING)

TEMPORARY STREAM DIVERSION

TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK – CHAPTER 7.42

SCALE: NOT TO SCALE

THIS RECORD DOCUMENT HAS BEEN PREPARED BASED ON INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR. GRW ENGINEERS, INC. HAS ATTEMPTED TO VERIFY THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION BUT SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

engineering | architecture | geospatial
www.grwinc.com

ENGINEER/ARCHITECT: GRW Engineers, Inc.

CONSTRUCTION COMPANY: Hughes Construction Co.

DATE: 11/6/2015

This document, originally issued, sealed, and signed by Barry L. Cloyd, Tennessee Professional Engineer, No. 100893, on JULY 2013, shall not be used in lieu of a certified document.

DESIGN DRAWINGS

GRW PROJECT NO. 3827-06

ENGINEERS - ARCHITECTS - PLANNERS
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STANDARD EROSION CONTROL DETAILS

2012-D DISASTER RECOVERY EMERGENCY
WATER CONNECTION IMPROVEMENTS - CONTRACT 34821
CITY OF LOBELVILLE, TENNESSEE

DESIGNED:	DRAWN:	REVIEWED:	APPROVED:
BLC	DM	BLC	BLC

REVISIONS

NO.	DESCRIPTION	DATE	BY

SCALE CHECK: THIS MARK SHOULD MEASURE EXACTLY 1" WHEN PLOTTED

DATE: JULY 2013

SCALE: AS NOTED

SHEET NO. C-0-13

PLOTTED BY: nazad

PRINTED: 8/8/2017 @ 3:10PM

FILE NAME: G:\3827-Lobelville\06-Lobel-Waverly\Working Drawings\Record Drawings\3827-06-C-0-13.dwg