

NEW	REVISIONS		
1/15/04	7/1/04		

\* W IS EQUAL TO:  
14' MIN. FOR ONE WAY  
24' MIN. FOR TWO WAY

70' (OR 30' FOR ACCESS TO INDIVIDUAL HOUSE LOT)

10' MIN.

15'

DRAINAGE CULVERT (IF NEEDED)

WASHDOWN AREA (SEE SEPARATE BMP)

RIGHT-OF-WAY DIVERSION TO DIRECT RUNOFF IF SLOPE TOWARDS ENTRANCE IS >2%

ROAD OR OTHER EXISTING PAVED SURFACE

PLAN VIEW

2" CLEAN ROCK TYPE 5 AGGREGATE

8" MIN.

3" MIN. ENTRENCHMENT ENTIRE LENGTH

WASHDOWN AREA (SEE SEPARATE BMP)

6"-8" RIGHT-OF-WAY DIVERSION (AS NEEDED)

ROAD OR OTHER EXISTING PAVED SURFACE

DRAINAGE CULVERT (IF NEEDED)

PROFILE

SCRAPE AND WASH TIRES AND UNDERCARRIAGE PRIOR TO ENTERING ROADWAY

SIGN

NOTE:  
IF WATER SERVICE IS NOT AVAILABLE, A WATER TRUCK SHALL BE PROVIDED.

SAIN T LOUIS COUNTY  
DEPARTMENT OF HIGHWAYS AND TRAFFIC  
CLAYTON, MISSOURI

TYPICAL BMP DETAIL  
CONSTRUCTION ENTRANCE

REVISION DATE: July 1, 2004

DRAWING TC-

**PLAN VIEW**

Labels in the Plan View include: PAVED ROADWAY, MATCH EXISTING GRADE, 70' MIN., WASH RACK, EGRESS ONLY INGRESS, WATER SUPPLY AND HOSE, and a sign that reads "SCRAPE AND WASH TIRES AND UNDERCARRIAGE PRIOR TO ENTERING ROADWAY".

**SECTION A-A**

Labels in Section A-A include: 25' MIN., STEEL RIBBED PANELS, SUPPORT, 2" DRAIN SPACE, 8" MIN., and 2" CLEAN ROCK TYPE 5 AGGREGATE.

**SECTION B-B**

Labels in Section B-B include: 14' MIN. FOR EGRESS, 24' MIN. FOR INGRESS AND EGRESS, 2" CLEAN ROCK TYPE 5 AGGREGATE, 3", 8" MIN., and ORIGINAL GRADE.

**NOTE:**  
IF WATER SERVICE IS NOT  
AVAILABLE, A WATER TRUCK  
SHALL BE PROVIDED.

**Saint Louis County Department of Highways and Traffic Clayton, Missouri**

**TYPICAL BMP DETAIL**  
**WASHDOWN STATION**

REVISION DATE: July 1, 2004

**DRAWING TC-4**

NEW	REVISIONS		
15/04	7/1/04	8/2/07	

**PLAN VIEW**

**SECTION A-A**

**NOTE:**  
IF WATER SERVICE IS NOT  
AVAILABLE, A WATER TRUCK  
SHALL BE PROVIDED.

**GENERAL NOTES:**

- 1) SEE PLANS FOR CONSTRUCTION ROAD LOCATION, D AND W DIMENSIONS.
- 2) MINIMUM WIDTH IS 14 FEET FOR ONE-WAY TRAFFIC AND 24 FEET FOR  
TWO-WAY TRAFFIC. TWO-WAY TRAFFIC WIDTHS SHALL BE INCREASED  
A MINIMUM OF 4 FEET FOR TRAILER TRAFFIC. DEPENDING ON THE TYPE  
OF VEHICLE OR EQUIPMENT, SPEEDS, LOADS, CLIMATIC AND OTHER  
CONDITIONS UNDER WHICH VEHICLES AND EQUIPMENT OPERATE  
AN INCREASE IN THE MINIMUM WIDTH MAY BE REQUIRED.
- 3) ROADWAY SHALL FOLLOW THE CONTOUR OF THE  
NATURAL TERRAIN TO THE EXTENT POSSIBLE.
- 4) GRADE ROAD AND DITCHES TO PROVIDE POSITIVE  
DRAINAGE AND PREVENT RUNOFF FROM LEAVING  
THE CONSTRUCTION SITE.
- 5) ASPHALTIC CONCRETE OR PORTLAND CEMENT  
CONCRETE MAY BE REQUIRED FOR LONG TERM  
PROJECTS OR UNSTABLE SOILS.

SAINT LOUIS COUNTY  
DEPARTMENT OF HIGHWAYS AND TRAFFIC  
CLAYTON, MISSOURI

TYPICAL BMP DETAIL  
**CONSTRUCTION ROAD**

REVISION DATE: August 2, 2007

	ISSUE	REMARKS/DATE											
1	2020-12-31 INITIAL SUBMITTAL												
2	2021-02-23 CITY COMMENT												
3	2021-04-13 CITY COMMENT												
4	2021-05-26 CITY COMMENT												
5	2021-06-15 FOR APPROVAL												
<b>SEEDING REQUIREMENTS</b>													
<b>Dates for Seeding</b>													
<b>Permanent Seeding</b>	<b>Jan</b>	<b>Feb</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	
Tall Fescue			O	O	O			O	O				
Smooth Brome			O	O	O			O	O				
Fescue & Brome			O	O	O	O		O	O				
Fescue, Rye & Bluegrass	A	A	O	O	O	P	P	O	O	P	P	A	
<b>Temporary Seeding</b>	<b>Jan</b>	<b>Feb</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	
Rye or Sudan	A	A	O	O	O	O	O	O	O	O	A	A	
Oats			A	OOO		OOO			O				
O= Optimum seeding dates A= Acceptable seeding dates P= Permitted seeding dates with reseeding 2 months later- Initially use 50% of seed and 75% of fertilizer. Reseed with additional 75% seed and remaining fertilizer.													
<b>Minimum Fertilizer and Seeding Rates</b>													
<b>Permanent Seeding*</b>	<b>Pounds per acre</b>				<b>Pounds Per 1000 sqft.</b>								
Tall Fescue	300				7.0								
Smooth Brome	200				4.6								
Mixture # 1	250				5.7								
Mixture # 2	210				4.8								
Mixture # 1 = Tall Fescue @150 pounds per acre and Brome @100 pounds per acre. Mixture # 2 = Tall Fescue @100 pounds per acre; Perennial Rye grass @100 pounds per acre; and Kentucky Blue grass @10 pounds per acre. * = Seeding rate for slopes in excess of 20%(5:1), shall be 10 pounds per 1000 sq. ft.													
<b>Temporary Seeding</b>	<b>Pounds per acre</b>				<b>Pounds Per 1000 sq ft.</b>								
Rye or Sudan	150				3.5								
Oats	200				2.5								
<b>Fertilizer</b>	<b>Permanent Seeding (pounds per acre)</b>						<b>Temporary Seeding (pounds per acre)</b>						
Nitrogen	45						30						
Phosphate	65						30						
Potassium	65						30						
Lime -ENM	600						600						
ENM = Effective neutralizing material per State evaluation of quarried rock.													

ite: 06-15-2021  
ichael G. Boerding, PE  
icense No. MO E-28643  
fessional Engineer

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*LOMBARDO HOMES OF ST. LOUIS, LLC*  
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**EROSION CONTROL DETAILS**

NEW	REVISIONS		
1/15/04			

STEEL FENCE POSTS  
OR 2" x 4" WOOD FRAME  
MIN. LENGTH 3'  
MAX. LENGTH 3.5'

1' MIN.

2:1 MAX

1% MAX.  
SLOPE WITHIN  
3' OF INLET

TEMPORARY BERM -  
1' HIGHER THAN  
SILT FENCE TO  
PREVENT BYPASS

1.0' MIN.  
1.5' MAX.

FLOW

**PERSPECTIVE**

STAKE / POST

FABRIC

TRENCH TO BE  
BACKFILLED  
AND COMPACTED

BURY 1'  
OF FABRIC

6" MIN  
DEPTH

18"

6"

AREA INLET

FRAME

WOVEN FABRIC  
(MIRAFI 100X  
OR EQUAL)

GATHER EXCESS  
FABRIC AT CORNERS,  
OVERLAP TO THE NEXT  
STAKE FOR JOINTS

**FABRIC**

**ELEVATION**

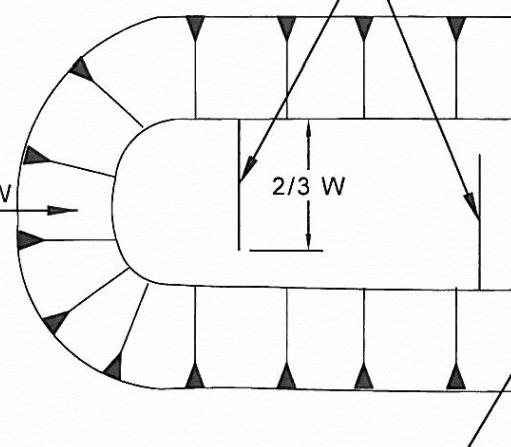
**TYPICAL BMP DETAIL**  
**INLET PROTECTION -**  
**FABRIC DROP**

SAINT LOUIS COUNTY  
DEPARTMENT OF HIGHWAYS AND TRAFFIC  
CLAYTON, MISSOURI

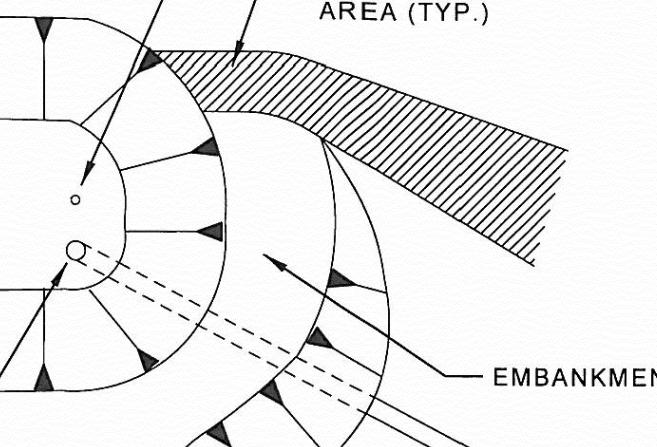
REVISION DATE: January 15, 2004

DRAWING SC-3

NEW	REVISIONS
1/15/04	



**PLAN VIEW**



**PROFILE**

**GENERAL NOTES:**

- 1) TOP OF RISER PIPE SHOULD BE A MIN. OF 1' BELOW THE TOP OF THE EMBANKMENT AND 6' BELOW THE FLOW LINE OF ANY EMERGENCY SPILLWAY.
- 2) IF NO EMERGENCY SPILLWAY IS PROPOSED, THERE SHALL BE A MINIMUM OF 1.5' OF FREEBOARD.
- 3) BAFFLE HEIGHT SHOULD BE GREATER THAN TOP OF RISER PIPE AND LESS THAN TOP OF EMBANKMENT.
- 4) SILT MONITORING POST(S) SHALL BE INSTALLED NEAR OUTLET OF BASIN AND BE MARKED WITH MAXIMUM PERMISSIBLE LEVEL OF SEDIMENT.

SAINT LOUIS COUNTY  
DEPARTMENT OF HIGHWAYS AND TRAFFIC  
CLAYTON, MISSOURI

TYPICAL BMP DETAIL

**SEDIMENT BASIN**

REVISION DATE: January 15, 2004

NEW	REVISIONS
1/15/04	

**PLAN VIEW**

EXCAVATED AREA

LENGTH (SEE PLAN)

WIDTH (SEE PLAN)

2:1 SIDE SLOPES MAX

**OUTLET PROFILE**

WOVEN FABRIC (MIRAFI 600X OR EQUAL)

GRAVEL

1' MIN.

30" MIN.

20 FEET

4' MIN.

1.5' MIN.

12" MEAN DIAMETER STONE

5' MAX. FLOW

6" PERFORATED DEWATERING PIPE

3:1 MAX. SLOPE

SEALED END CAP

**DEWATERING PIPE**

**ALTERNATE OUTLET PROFILE**

4' MIN. TOP WIDTH

18" MIN.

OUTLET HEIGHT

EXCAVATED DEPTH

3:1 MAX. SLOPE

12" MEAN DIAMETER STONE

EMBANKMENT HEIGHT

5' MAX.

2' MIN.

**SEDIMENT TRAP**

**TYPICAL BMP DETAIL**

**REVISION DATE: January 15, 2004**

**DRAWING SC-7a**

FOR USE IN OPEN AREAS

TRIBUTARY AREA (ACRES)	LENGTH OF SPILLWAY WEIR $L_w$ (ft.)
0.00 - 1.00	4
1.01 - 2.00	6
2.01 - 3.00	8
3.01 - 4.00	10
4.01 - 5.00	12

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