

**VEGETATION ESTABLISHMENT  
For Urban Development Sites  
APPENDIX A**

**SEEDING RATES:**

**PERMANENT:**

Tall Fescue - 30 lbs./ac.  
Smooth Brome - 20 lbs./ac.  
Combined - Fescue @ 15 lbs./ac. AND  
Brome @ 10 lbs./ac.

**TEMPORARY:**

Wheat or Rye - 150 lbs./ac. (3.5 lbs. per sq. ft.)  
Oats - 120 lbs./ac. (2.75 lbs. per sq. ft.)

**SEEDING PERIODS:**

Fescue or Brome - March 1 to June 1  
August 1 to October 1  
Wheat or Rye - March 15 to November 1  
Oats - March 15 to September 15

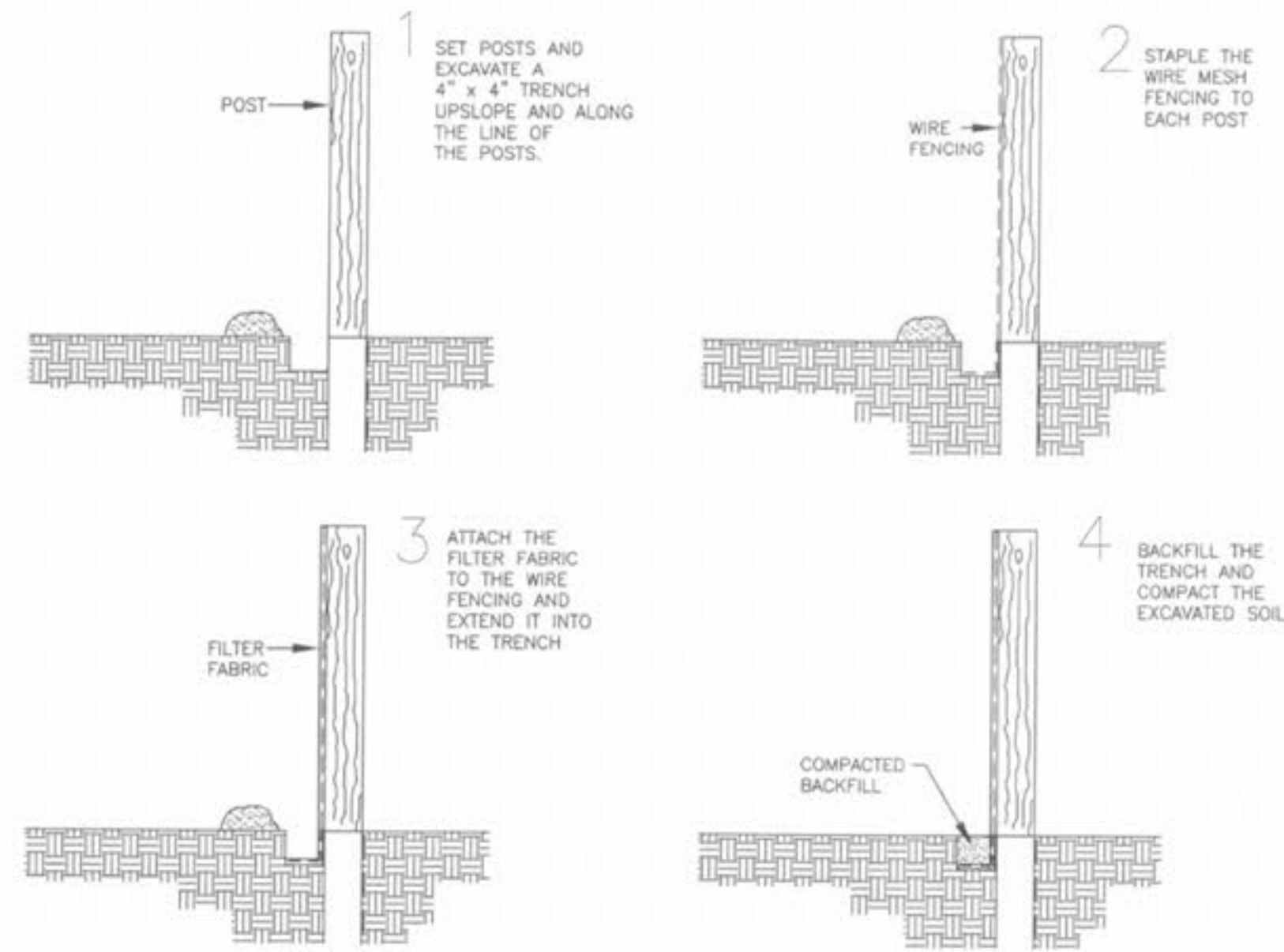
**MULCH RATES:**

100 lbs. per 1000 sq. ft. (4,356 lbs. per ac.)

**FERTILIZER RATES:**

Nitrogen 30 lbs./ac.  
Phosphate 30 lbs./ac.  
Potassium 30 lbs./ac.  
Lime 600 lbs./ac. ENM\*

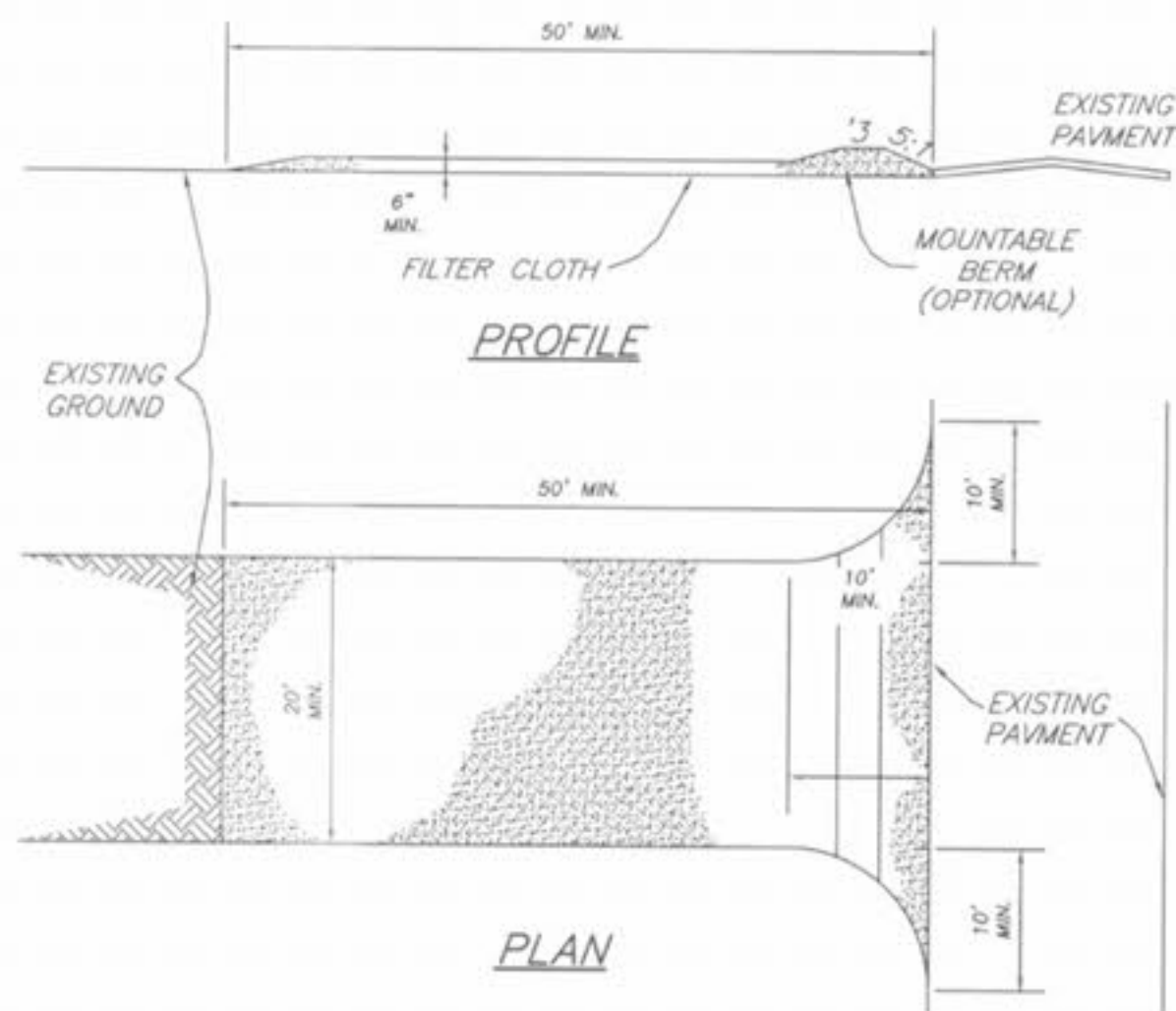
\* ENM = effective neutralizing material as per State evaluation of quarried rock.



1. FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
2. SHOULD THE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE BARRIER.
4. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEED.



**SILTATION FENCE DETAIL**

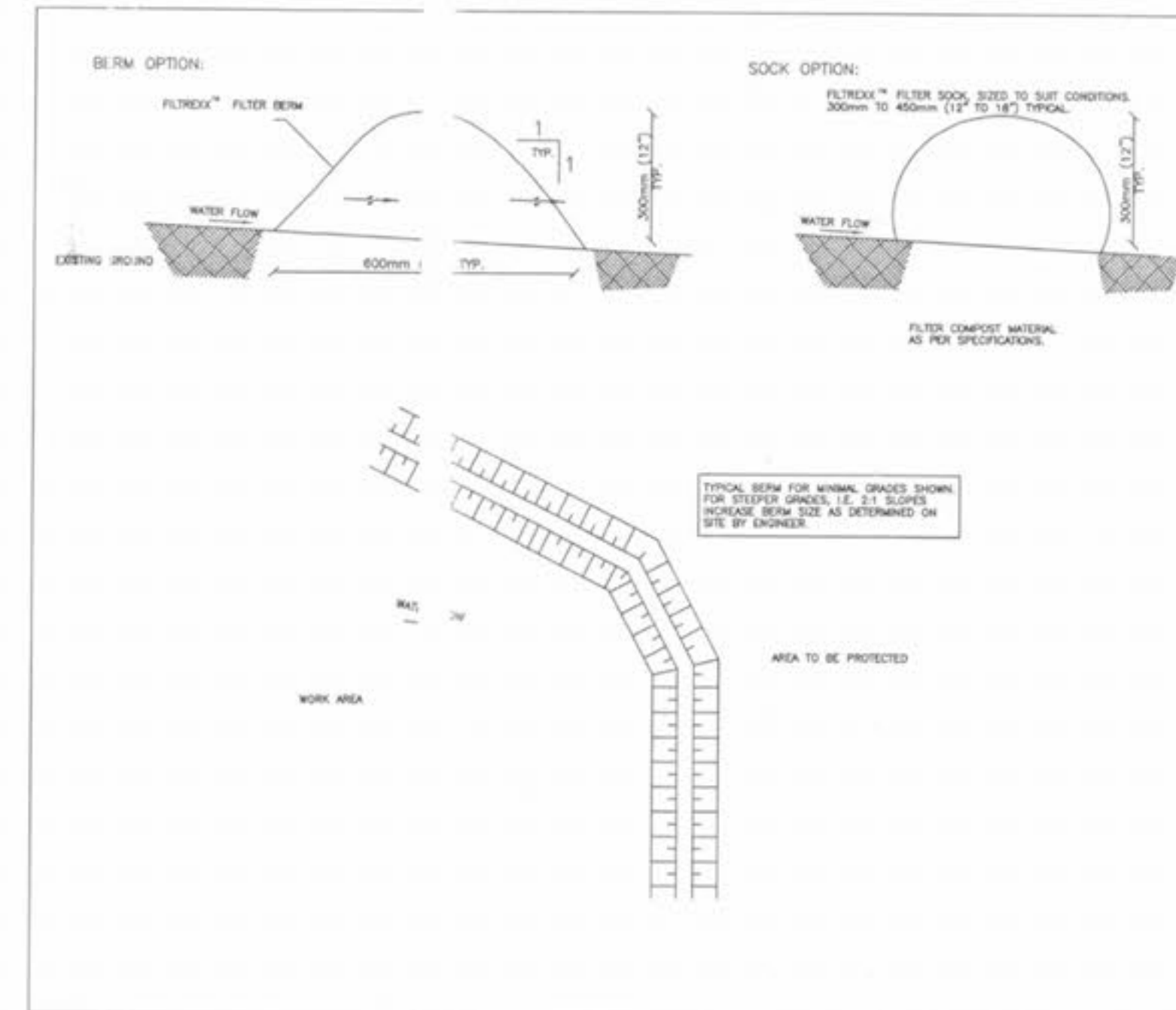


**CONSTRUCTION SPECIFICATIONS**

1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Twenty (20) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.

**STABILIZED CONSTRUCTION ENTRANCE/WASHDOWN AREA**

NOT TO SCALE



**NOTES:**

1. ALL MATERIAL TO MEET FILTREXX™ SPECIFICATIONS.
2. THE CONTRACTOR SHALL MAINTAIN THE COMPOST FILTER BERM IN A FUNCTIONAL CONDITION AT ALL TIMES AND IT SHALL BE ROUTINELY INSPECTED.
3. WHERE THE BERM REQUIRES REPAIR, IT WILL BE PROMPTLY REPAIRED.
4. THE CONTRACTOR SHALL REMOVE SEDIMENTS COLLECTED AT THE BASE OF THE BERM WHICH THEY REACH 1/2 OF THE EXPOSED HEIGHT OF THE BERM OR AS DIRECTED BY THE ENGINEER.
5. THE COMPOST FILTER BERM WILL BE DISPOSED ON AS DIRECTED BY THE ENGINEER.

**FILTREXX™ CANADA**

324 GOVERNORS RD. EAST  
PARIS, ONTARIO  
CANADA N3L 3E1  
519-754-8296

**FILTREXX™ INTERNATIONAL**

35481 GRAFTON EASTERN RD  
GRAFTON, OH  
USA 44044  
440-926-8041

**NOTES:**

1. ALL MATERIAL TO MEET FILTREXX™ SPECIFICATIONS.
2. COMPOST MATERIAL WILL BE DISPOSED ON SITE WHEN NO LONGER REQUIRED, AS DETERMINED BY THE ENGINEER.

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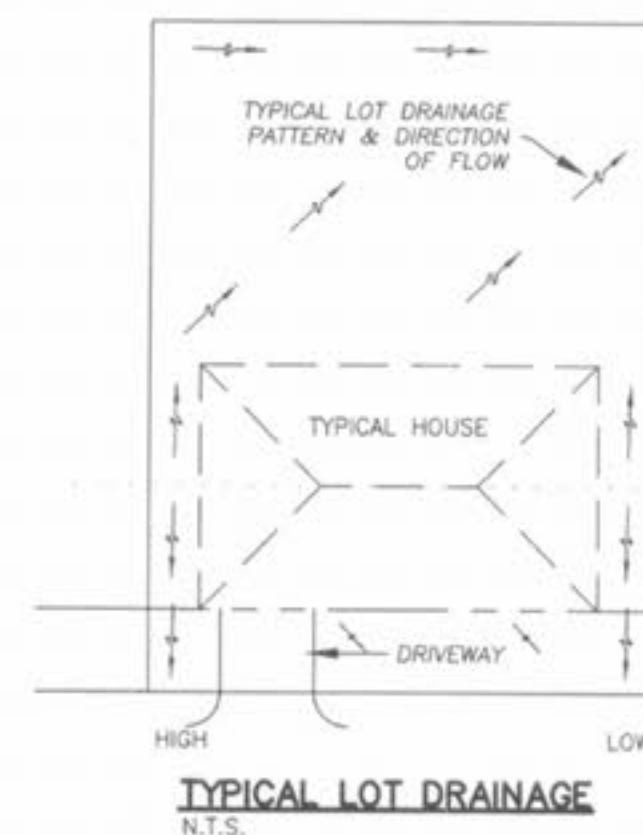
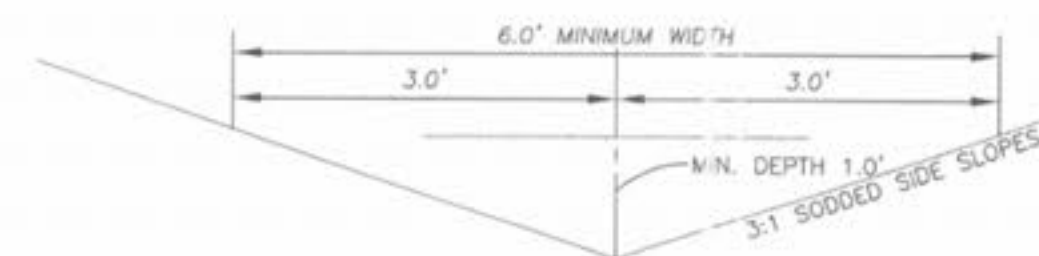
**DITCH CHECKS**

DESIGN: R.D.B. SCALE: N.T.S.  
CHECKED: R.D.B. DRAWN: G.W.S.  
SHEET: 3 of 7 DWG. NO.  
DATE: T3

**TYPICAL YARD SWALE**

Maximum Discharge (Q) = 4.00 cfs  
Maximum Velocity (V) = 4.00 ft/sec  
N = 0.030 (grass)  
Maximum side slopes = 3 (horizontal) : 1 (vertical)

Longitudinal Slope (X)	Discharge (cfs)	Velocity (ft/sec)	Depth (ft)
0.5	4.00	1.81	0.84
1.0	4.00	2.48	0.74
2.0	4.00	3.11	0.65
3.0	4.00	3.71	0.60
4.0	3.51	4.03	0.54
5.0	2.51	4.03	0.46
6.0	1.91	4.03	0.40
7.0	1.52	4.03	0.36
8.0	1.24	4.03	0.32
9.0	1.04	4.03	0.29
10.0	0.89	4.03	0.24



ISSUE REMARKS/DATE

1	REV PER DUCKETT CREEK SANI. DISTRICT 9-20-05
2	REV PER CITY AND WATER DISTRICT COMMENTS 9-28-05
3	REV PER DUCKETT CREEK SANI. DISTRICT 10-17-05
4	REV PER WATER DISTRICT NO. 2 11-14-05
5	REV PER CITY OF FALLON, 12-02-05
6	REV PER CITY OF FALLON, 1-9-2006

PREPARED FOR:

**McBride & Son Homes  
Land Development, Inc.**  
#1 McBride & Son Center Drive  
Chesterfield, Missouri 63005  
(636) 537-2000



PREPARED BY:

**THE STERLING CO.**  
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(314) 741-4140 FAX 467-6844  
E-Mail: Sterlingsterling-eng-sur.com

DRAWN: [ ] DESIGNED: [ ] CHECKED: [ ]

PROJECT: **FOX HAVEN ADDITION**

SHEET TITLE: **SILTATION CONTROL DETAILS**

NO.	04 05 084
M.S.D.	SHEET
P#	SC1
DIGITAL FILE LOCATION	
SERVER=STERLING-2	
3/13/06 11:27:57 AM	

BASE MAP

Drawing name: K:\0405084 FOX HAVEN ADDN.dwg\improvements\6147DETAILS.dwg Plotted on: Jan 06, 2006 - 4:02pm Plotted by: wtraung