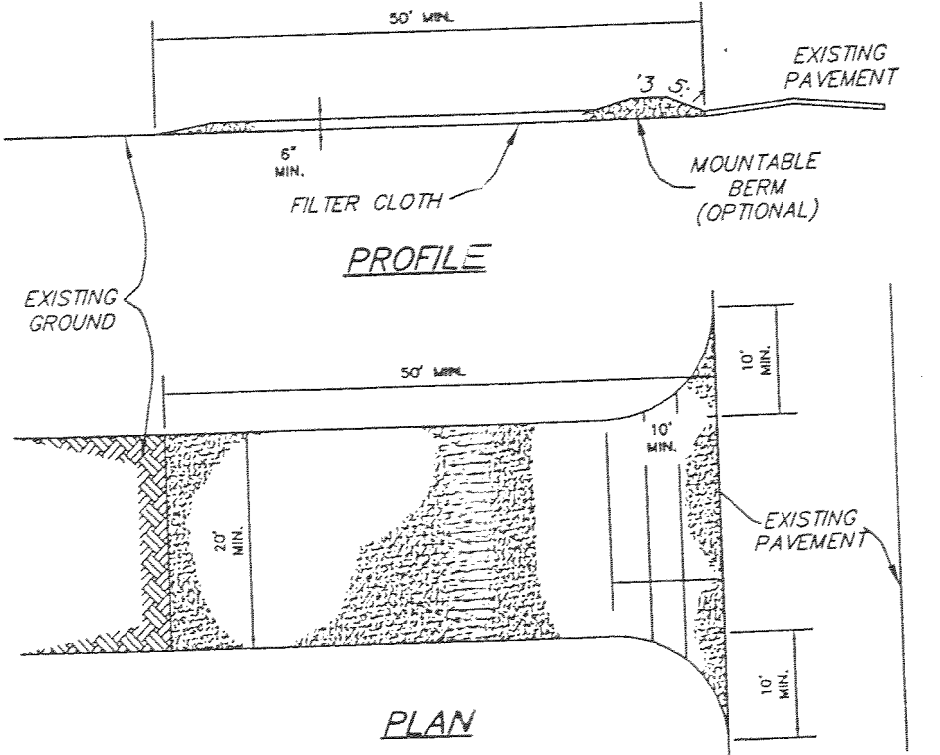


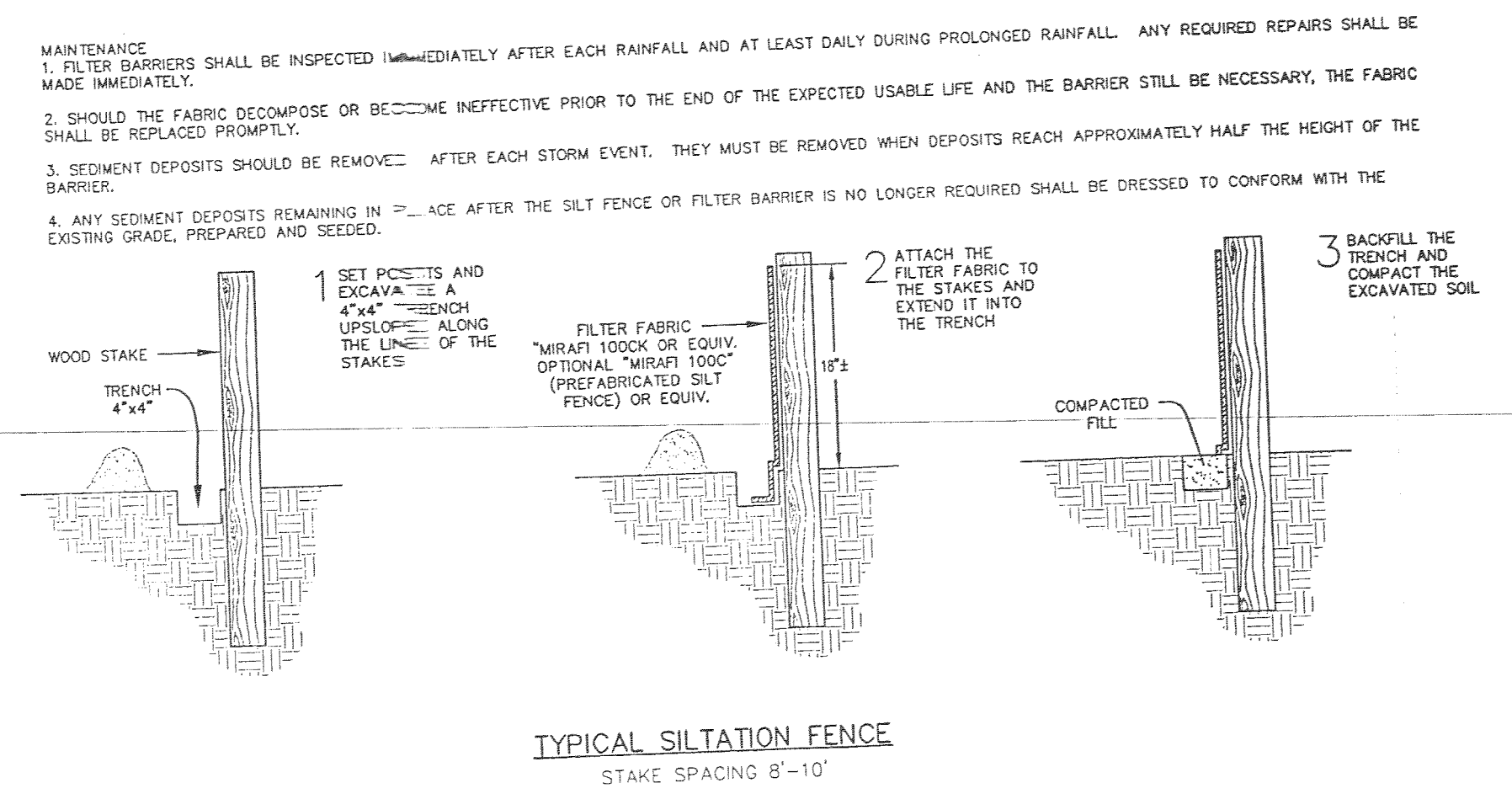
TEMPORARY SEDIMENT CONTROL POND OUTFALL  
TYPICAL ROCK SPILLWAY DETAIL



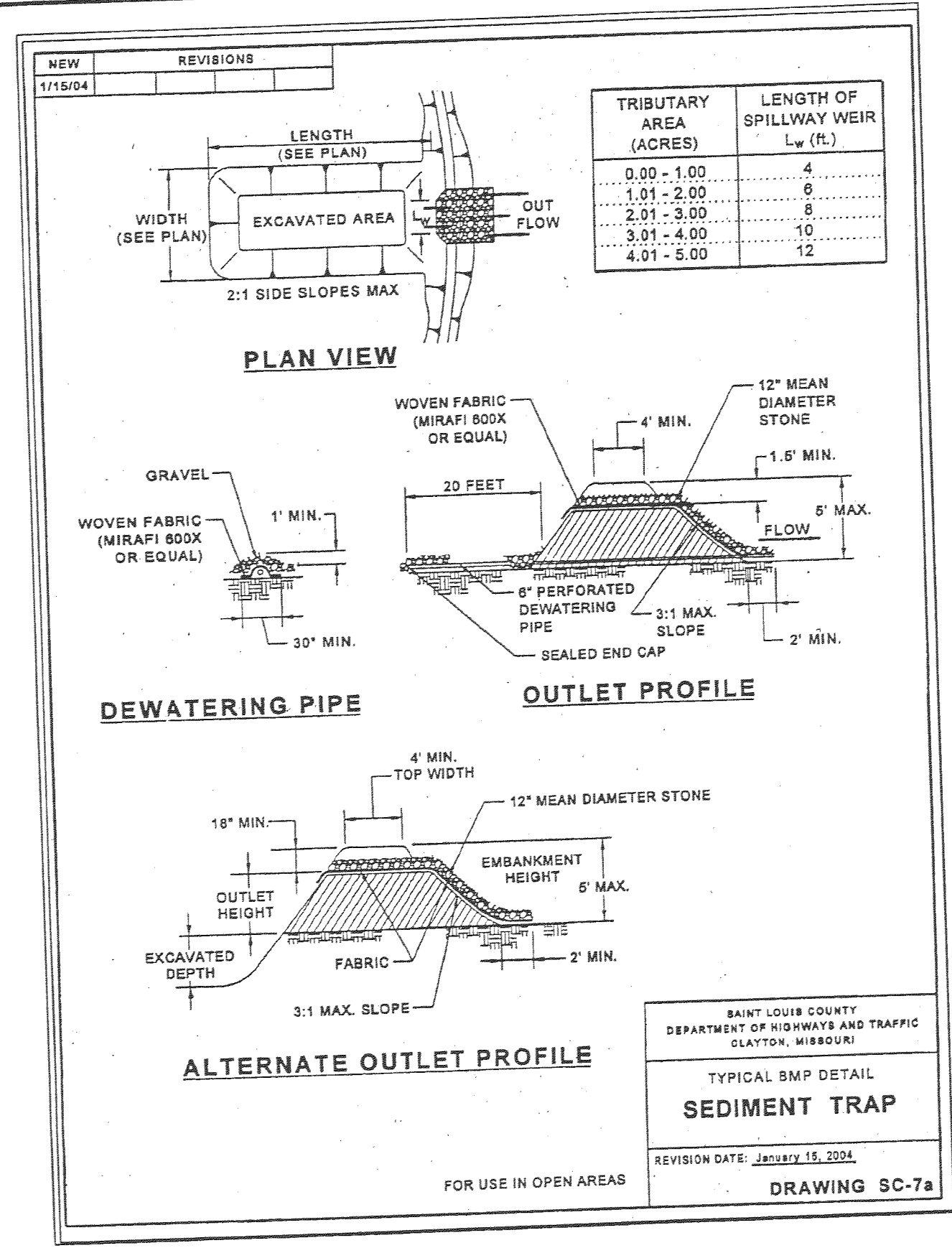
SPILLWAY PROFILE  
N.T.S.

- CONSTRUCTION SPECIFICATIONS**
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
  - Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
  - Thickness - Not less than six (6) inches.
  - Width - Twenty (20) foot minimum, but not less than the full width at points where ingress or egress occurs.
  - 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.
  - Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a minimum 18" term with 5:1 slopes will be permitted.
  - Maintenance - This 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 or of sediment on public rights-of-way. This may require periodic top dressing with additional stone or of sediment on public rights-of-way. This may require periodic top dressing with additional stone or of sediment on public rights-of-way.
  - Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. Wheel washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
  - Periodic inspection and needed maintenance shall be provided after each rain.

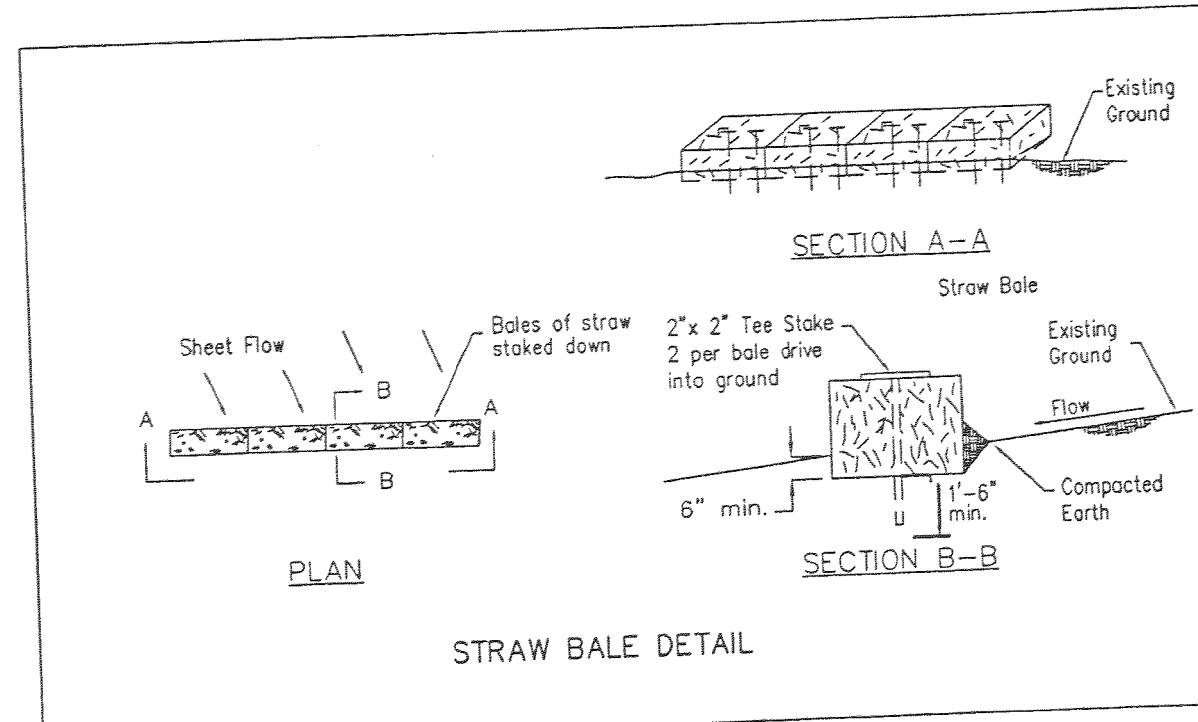
**STABILIZED CONSTRUCTION ENTRANCE/WASHDOWN AREA**  
NOT TO SCALE



TYPICAL SILTATION FENCE  
STAKE SPACING 8'-10'



DEPARTMENT OF HIGHWAYS AND TRAFFIC  
SLATION, WASHDOWN  
TYPICAL BMP DETAIL  
SEDIMENT TRAP  
REVISION DATE: JANUARY 19, 2006  
DRAWING SC-7a

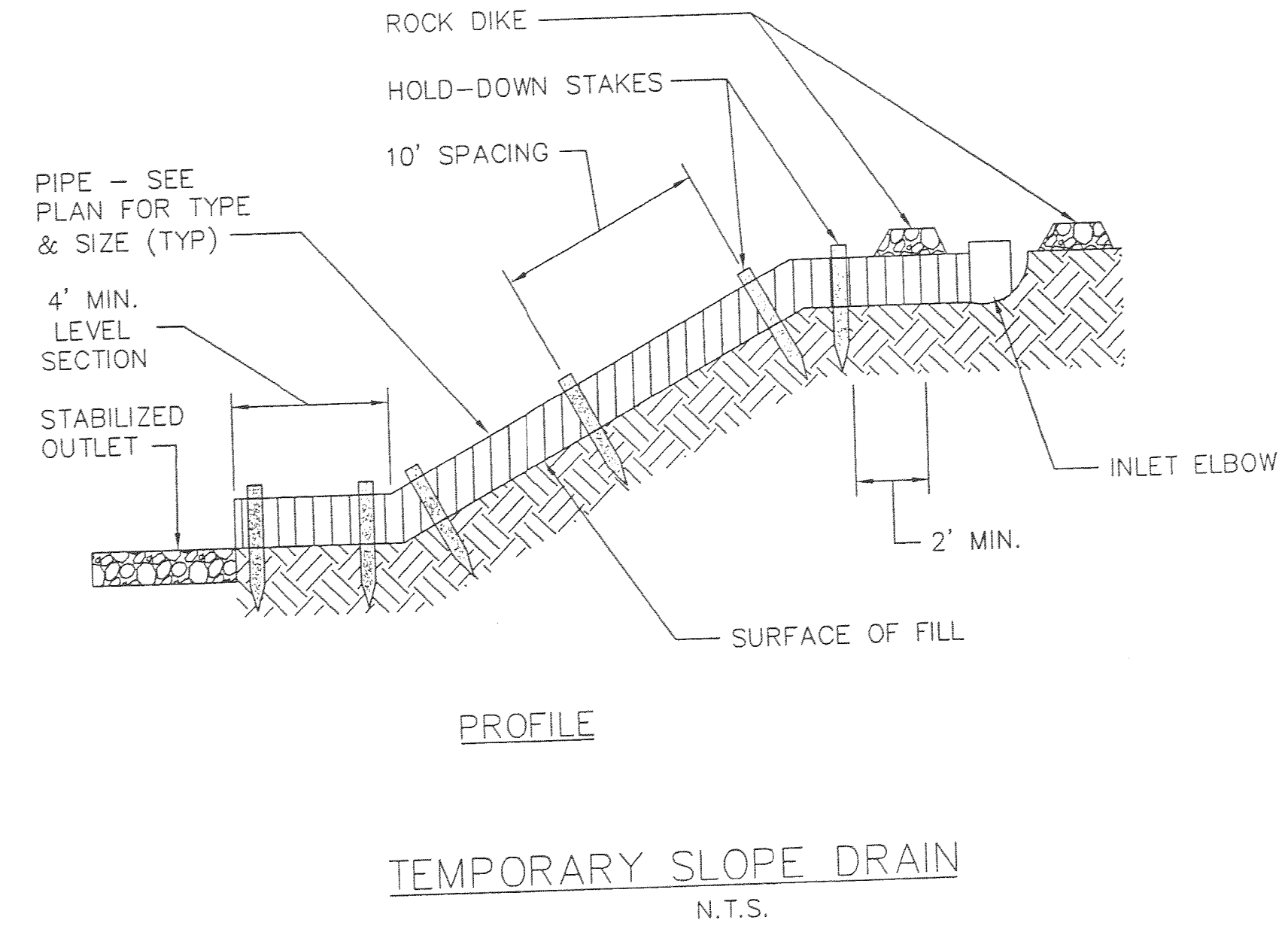
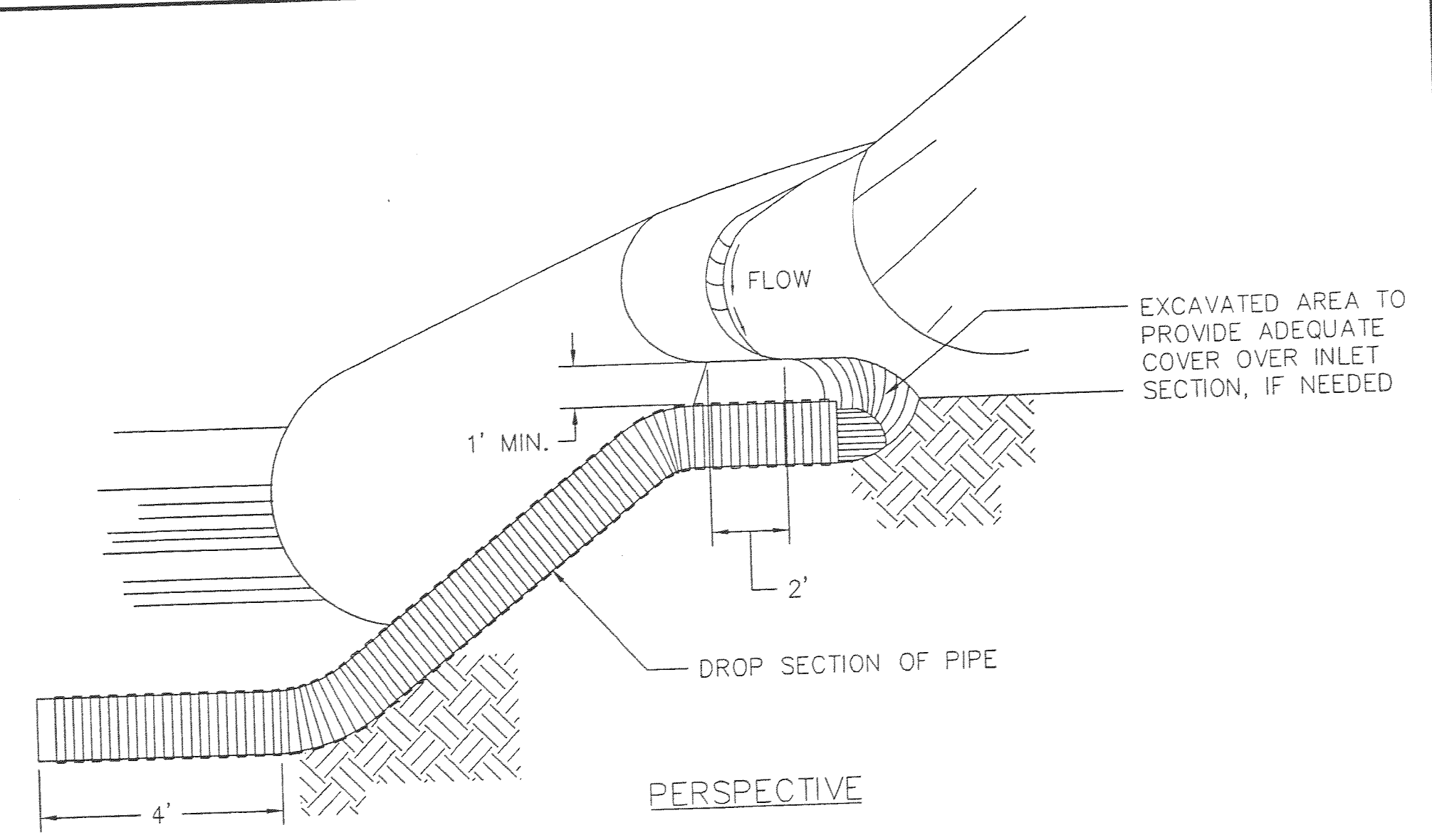


STRAW BALE DETAIL

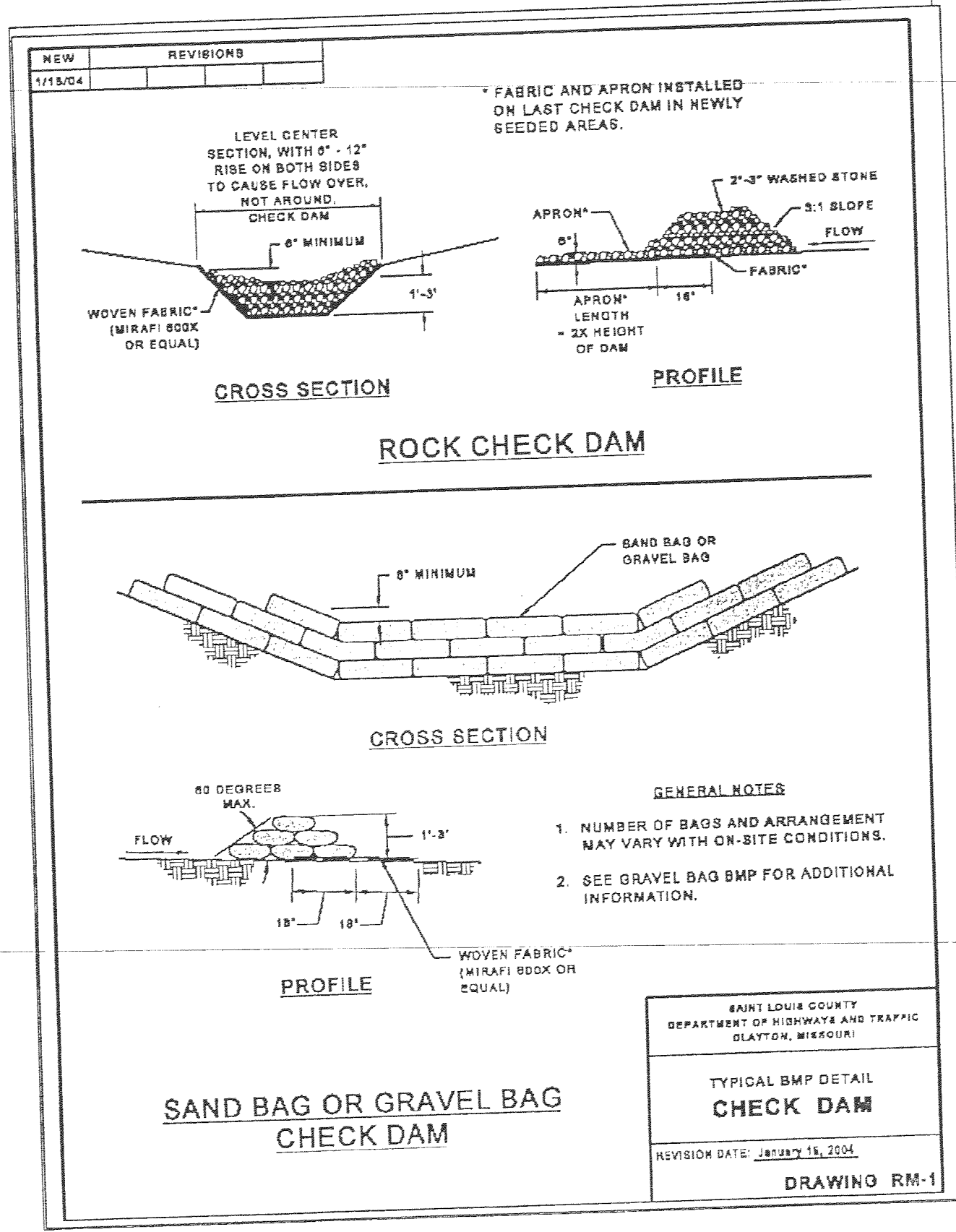
- GENERAL NOTES**
- Additional straw bales may be required as directed by the Department.
  - Siltation Control Devices to remain in place until adequate vegetation growth occurs to further erosion of the soil.
  - Straw Bales shall be inspected periodically for deterioration. Bales which have rotted or failed shall be replaced as directed by the Department.

**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.



TEMPORARY SLOPE DRAIN  
N.T.S.



DEPARTMENT OF HIGHWAYS AND TRAFFIC  
SLATION, WASHDOWN  
TYPICAL BMP DETAIL  
CHECK DAM  
REVISION DATE: JANUARY 19, 2006  
DRAWING RM-1

NO.	REVISIONS
1	FIRST SUBMITTAL 2/20/06
2	REVISED PER COUNTY COMMENTS 01/20/06
3	REVISED PER COUNTY COMMENTS 01/20/06
4	REVISED PER COUNTY COMMENTS 01/20/06

PREPARED FOR:  
**JHB PROPERTIES, INC.**  
5001 NEW BAUMGARTNER ROAD  
ST. LOUIS, MISSOURI 63129  
(314) 487-6717

PREPARED BY:  
**THE STERLING CO.**  
ENGINEERS & SURVEYORS  
5001 NEW BAUMGARTNER ROAD  
ST. LOUIS, MISSOURI 63129  
(314) 487-0440 FAX 487-7884  
E-Mail: Sterling@sterling-eng.com

DRAWN: [ ]  
DESIGNED: [ ]  
CHECKED: [ ]  
PROJECT: **WHISPERING PINES**  
SHEET TITLE: **EROSION & SILTATION CONTROL DETAILS**

NO. 05 02 035  
M.S.D. SHEET  
P# 7.1  
SHEET NO. 1 OF

BASE MAP