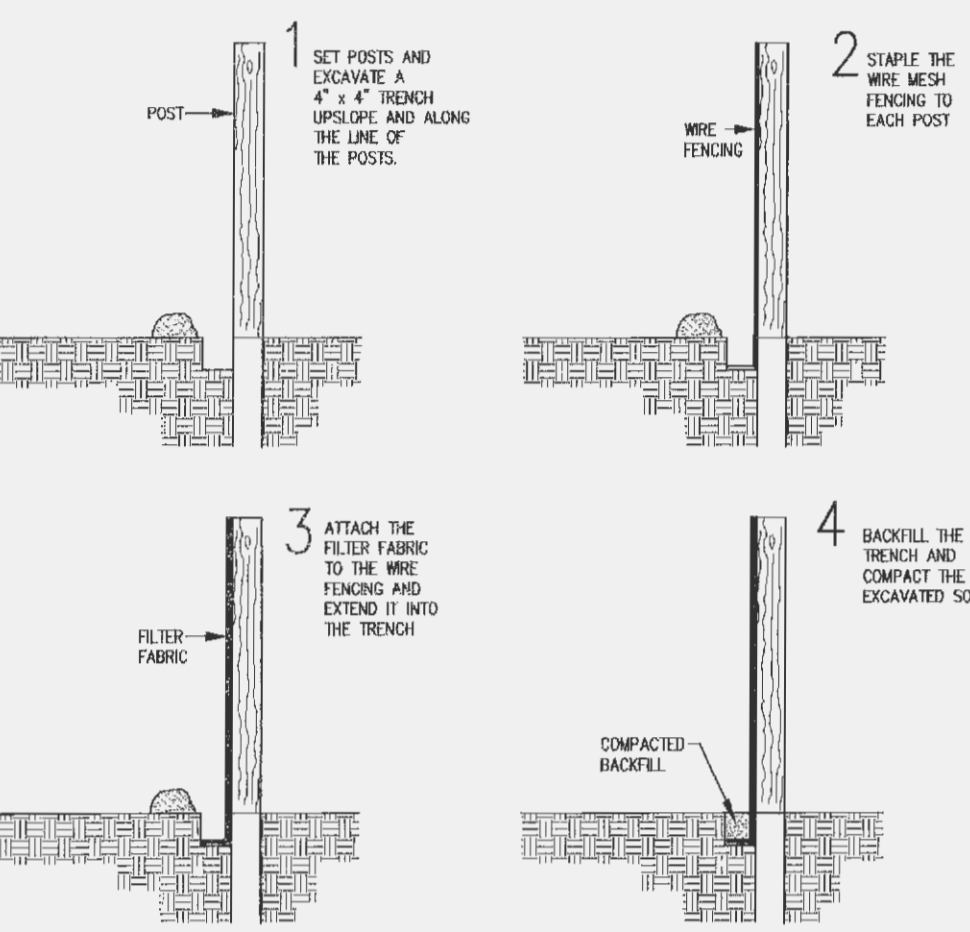
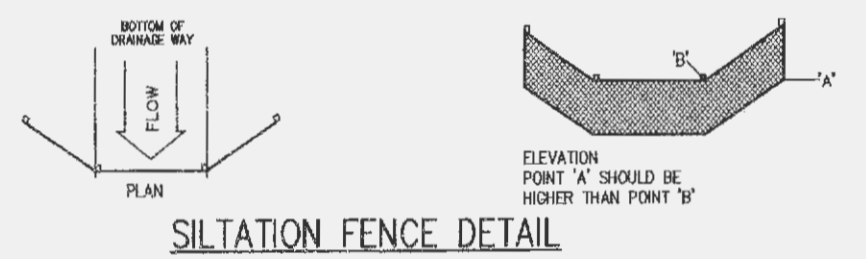


- NOTES:
1. STRAW BALES, NOT HAY BALES SHALL BE USED.
 2. BUTT ENDS OF BALES TIGHTLY TOGETHER.
 3. INSTALL BALES WITH BINDING AROUND SIDES, NOT TOP AND BOTTOM.
 4. FILL ANY GAPS BETWEEN BALES BY WEDGING LOOSE STRAW BETWEEN THEM.

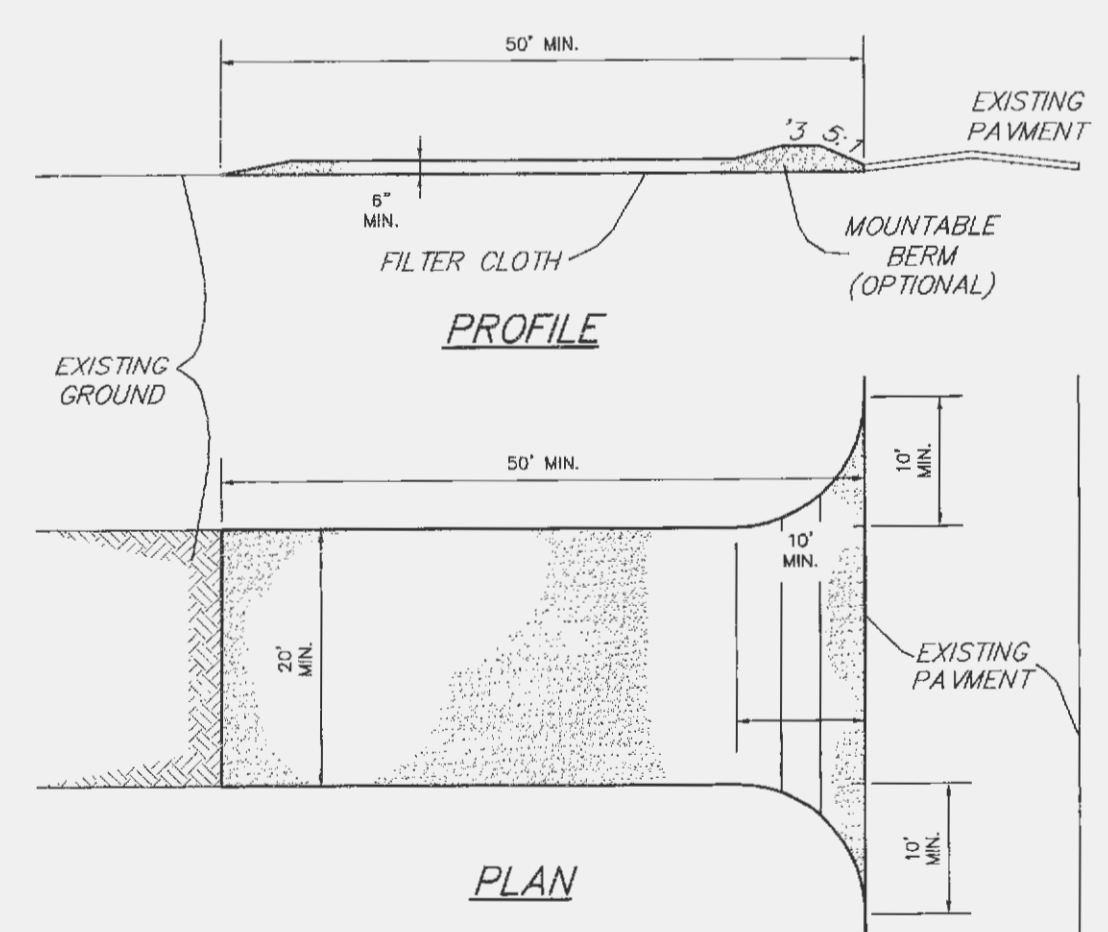
SEDIMENT BARRIER
NOT TO SCALE



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 SEEDS.



SILTATION FENCE DETAIL

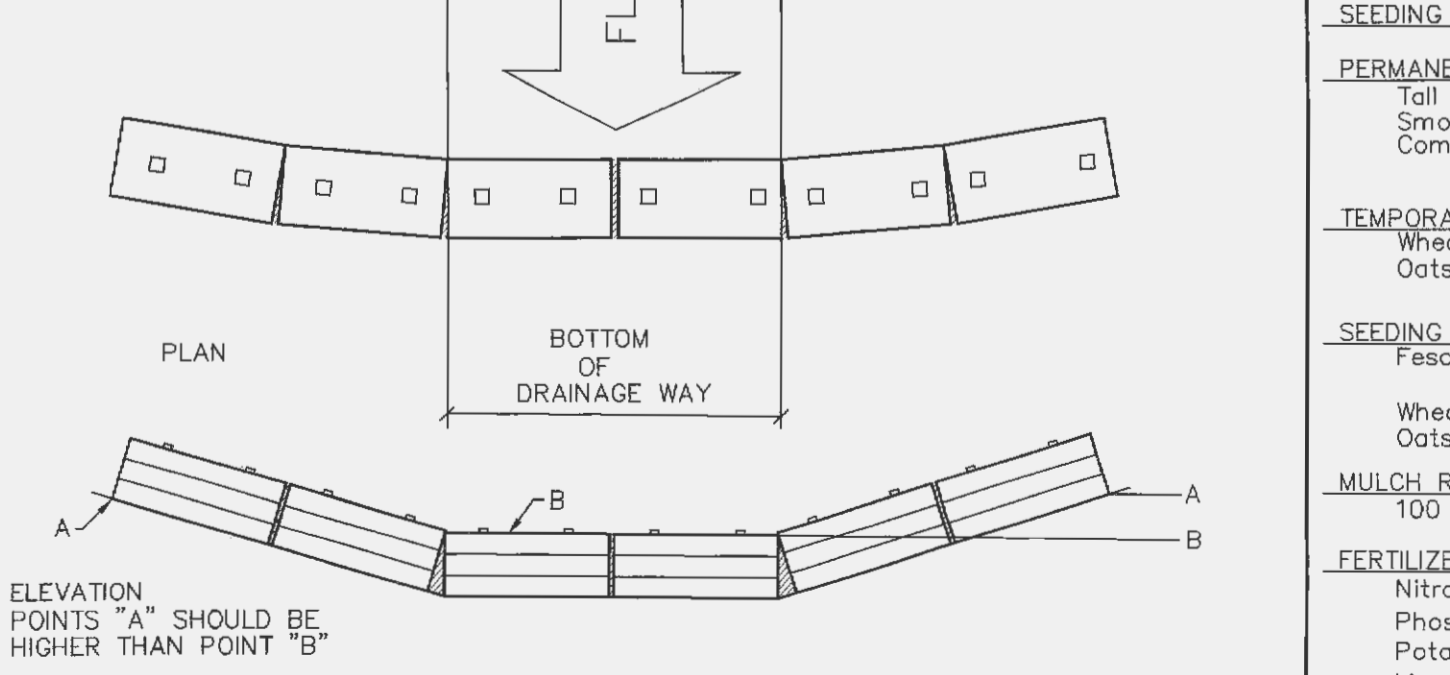
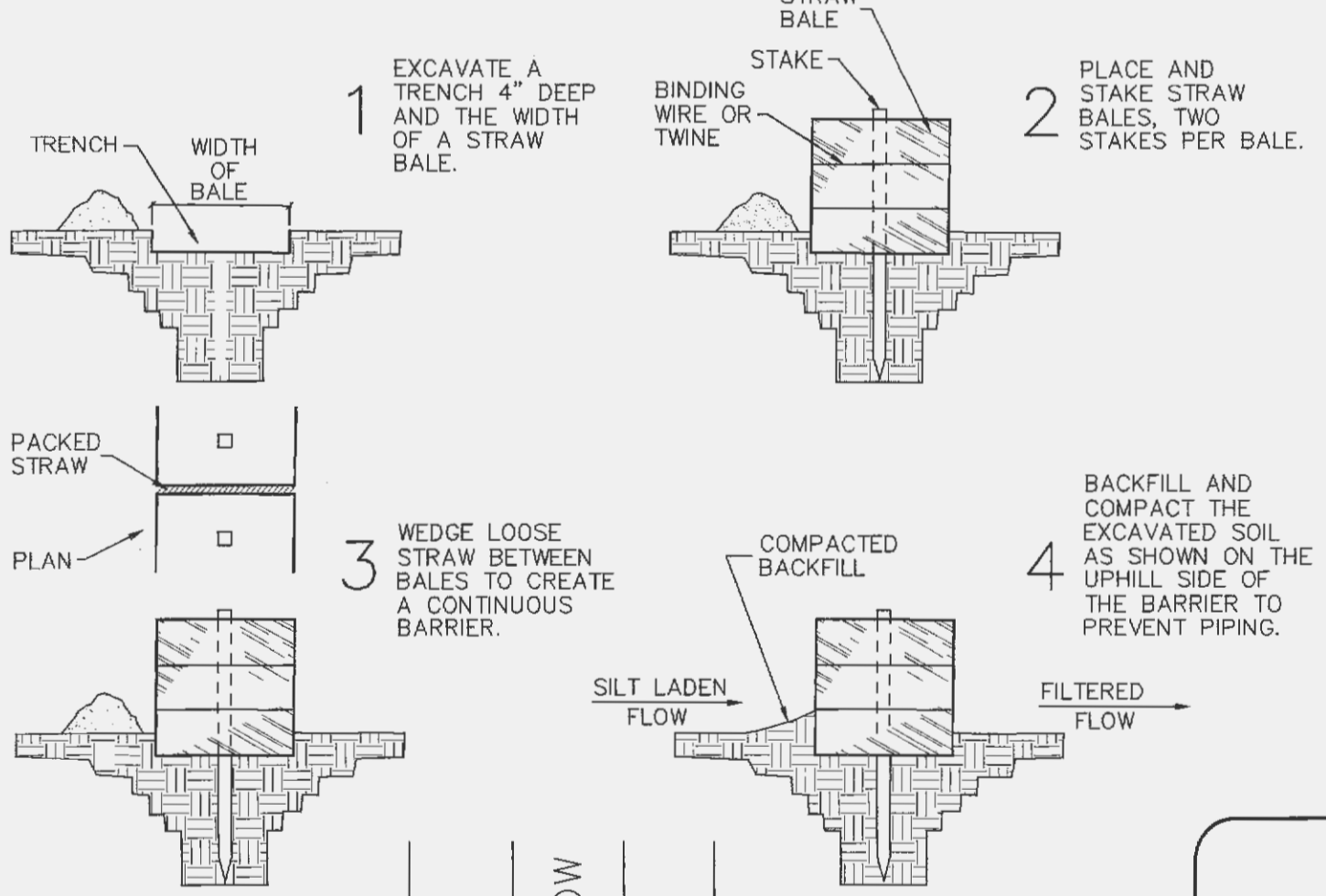


CONSTRUCTION SPECIFICATIONS

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

STRAW BALES BARRIERS FOR URBAN DEVELOPMENT SITES
APPENDIX C



PLACEMENT AND CONSTRUCTION OF STRAW BALE BARRIER

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
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.

Appendix B St. Charles County Code Appendix B
APPENDIX B. DIVERSIONS
For Urban Development Sites

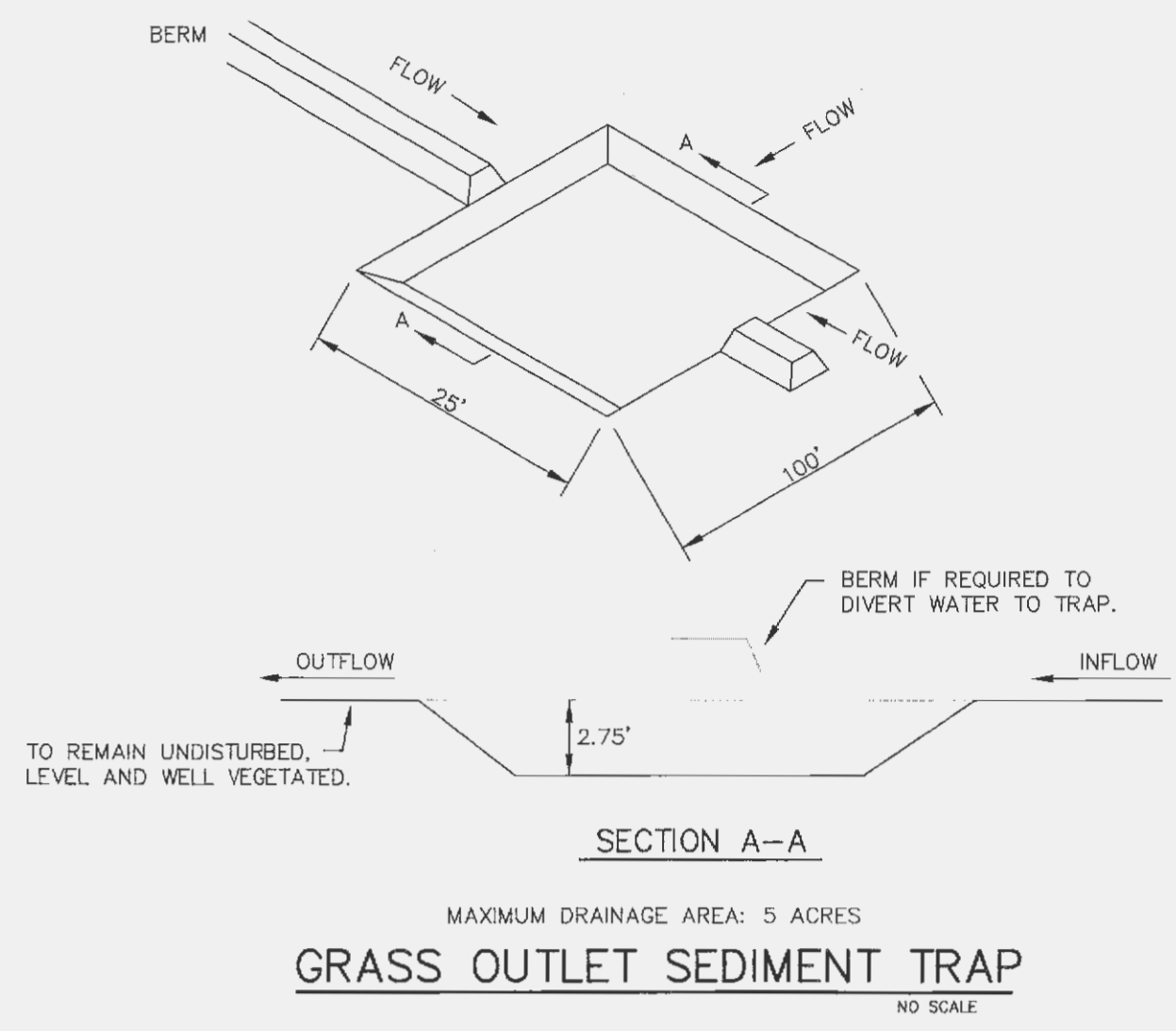
**Outlets for diversions must be stable. Stable outlets consist of grass waterways, earthen channels with capacity adequate to prevent gulley erosion, grade stabilization structures or other practices as approved by the designated official.

Combination Diversion
Used at the top of a fill slope.

Earth Ridge Diversion
Used around the perimeter of a construction site.

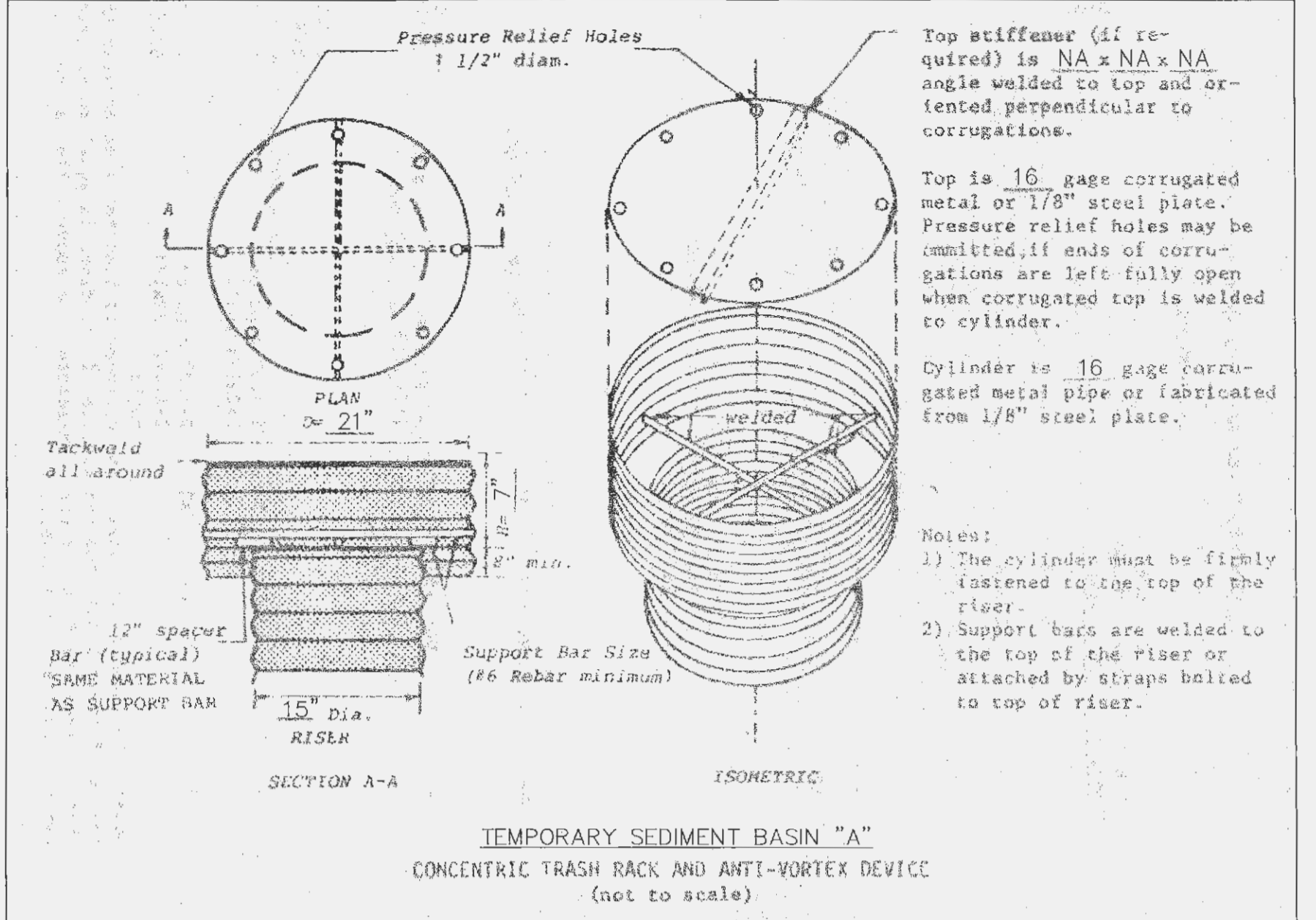
Combination Diversion
General use.

Gravel Ridge Diversion
General use.

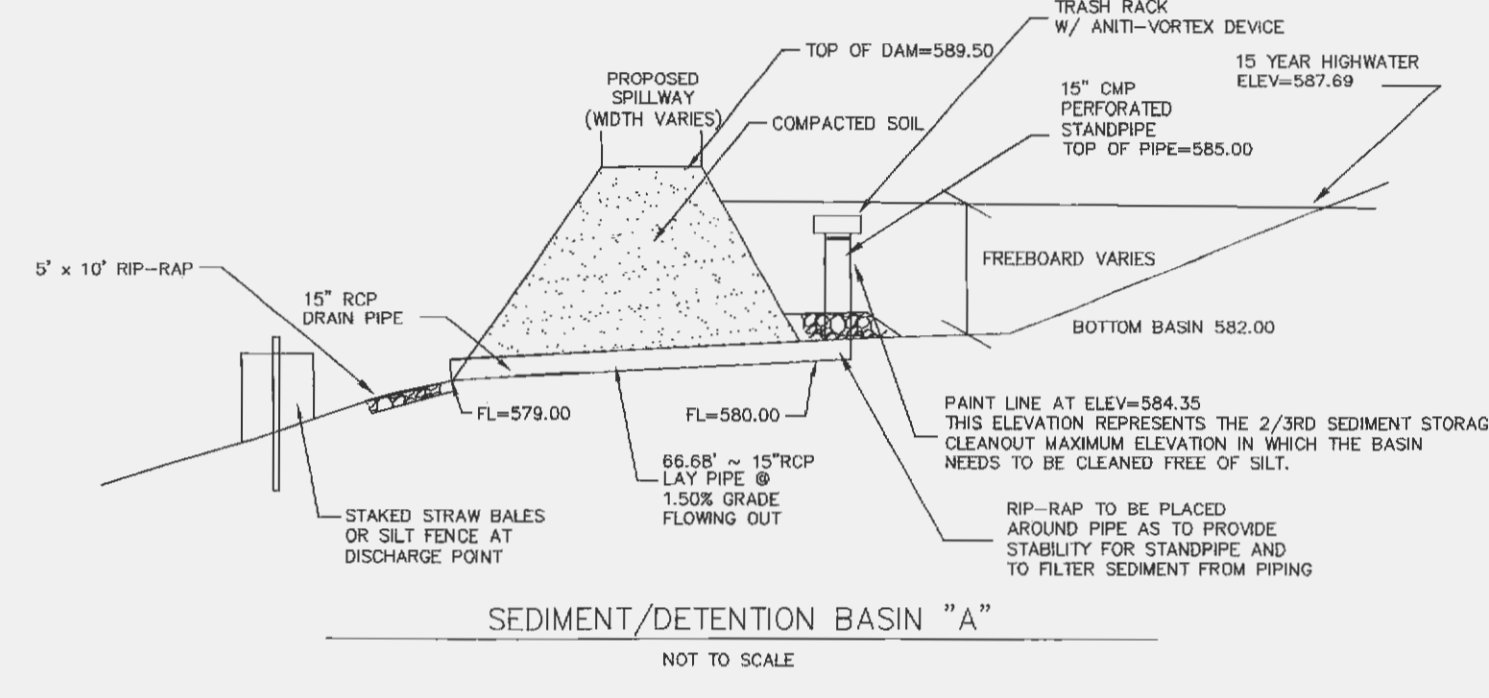


GRASS OUTLET SEDIMENT TRAP
NO SCALE

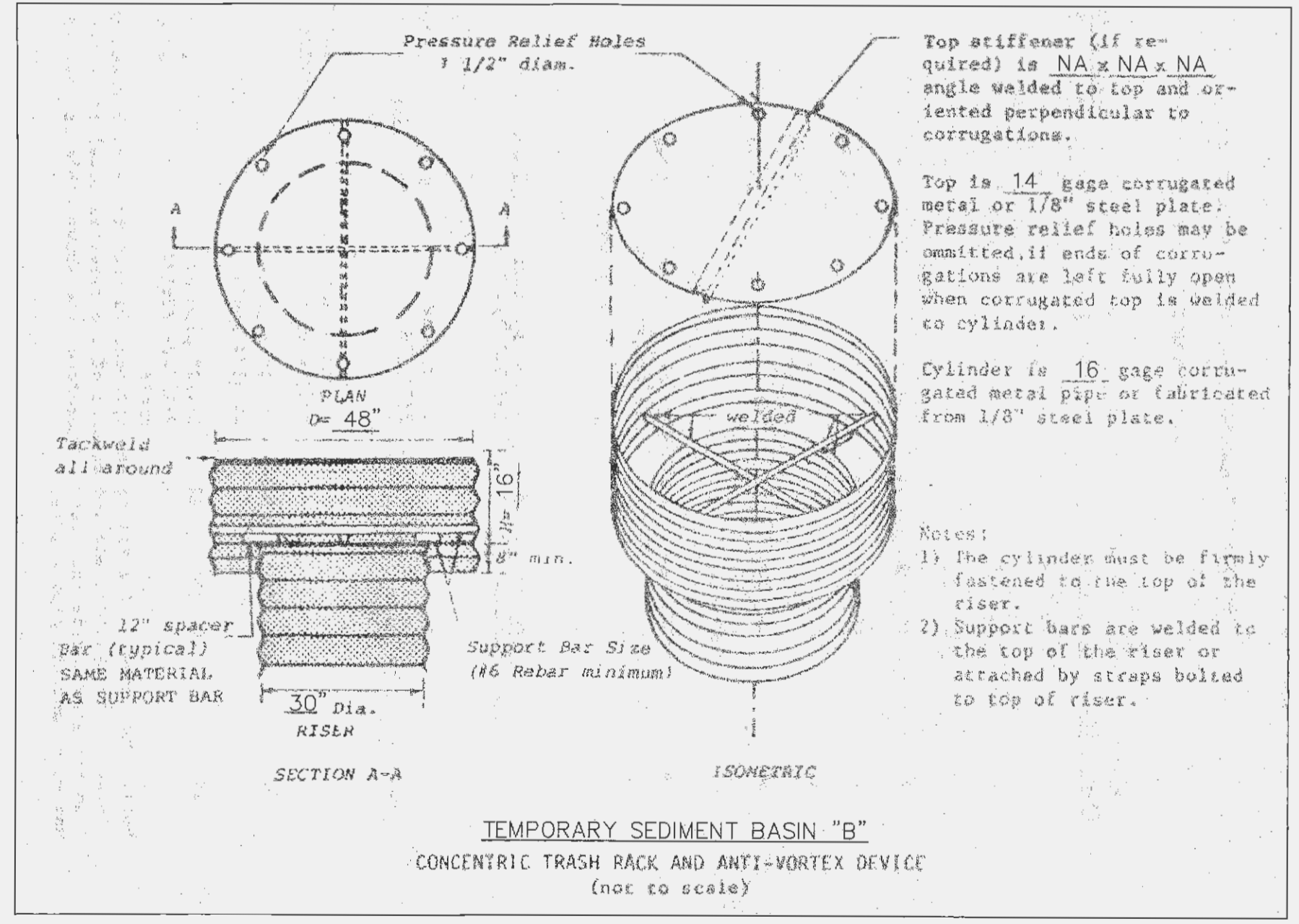
1. Volume of sediment storage shall be 1800 cubic feet per acre of contributory drainage area.
2. Minimum crest width shall be 4 x Drainage Area.
3. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 4 the design of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
4. The structure shall be inspected after each rain and repairs made as needed.
5. Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
6. The sediment trap shall be removed and area stabilized when the remaining drainage area has been properly stabilized.
7. All out slopes shall be 1:1 or flatter.



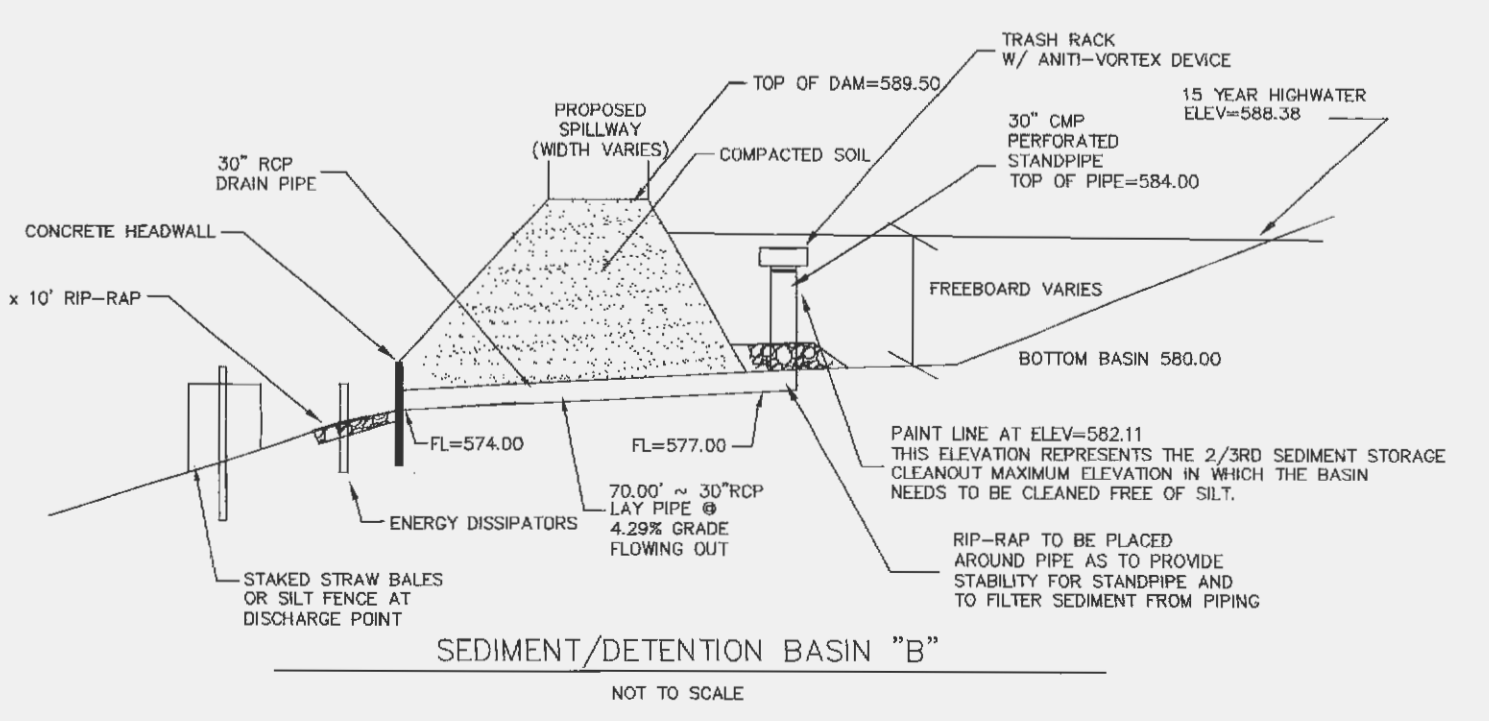
TEMPORARY SEDIMENT BASIN "A"
CONCENTRIC TRASH RACK AND ANTI-VORTEX DEVICE
(not to scale)



SEDIMENT/DETENTION BASIN "A"
NOT TO SCALE



TEMPORARY SEDIMENT BASIN "B"
CONCENTRIC TRASH RACK AND ANTI-VORTEX DEVICE
(not to scale)



SEDIMENT/DETENTION BASIN "B"
NOT TO SCALE

NEW MIDDLE SCHOOL
WENTZVILLE, MISSOURI
WENTZVILLE R-IV SCHOOL DISTRICT

1082 South Cloverleaf Drive
St. Peters, MO. 63376-6445
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ELECTRICIANS
MECHANICAL ENGINEERS
DENNIS G. GLORE, INC.
FOOD SERVICE

ALL DIMENSIONS MUST BE VERIFIED AT BUILDING BEFORE WORK IS EXECUTED. THIS DRAWING IS THE PROPERTY OF THE ARCHITECTS AND SHALL NOT BE COPIED OR DUPLICATED WITHOUT THEIR CONSENT.

job no. 02-06Q
date issued
6-24-04
date revised
7-12-04 CITY COMMENTS

drawn by SWR
checked by SWR
sheet no.

C6.10

DETAILS-SHEET

CITY FILE #6403.02