

VEGETATIVE 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 1000 sq. ft.)
- Oats - 120 lbs./ac. (2.75 lbs. per 1000 sq. ft.)

Seeding Periods:

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

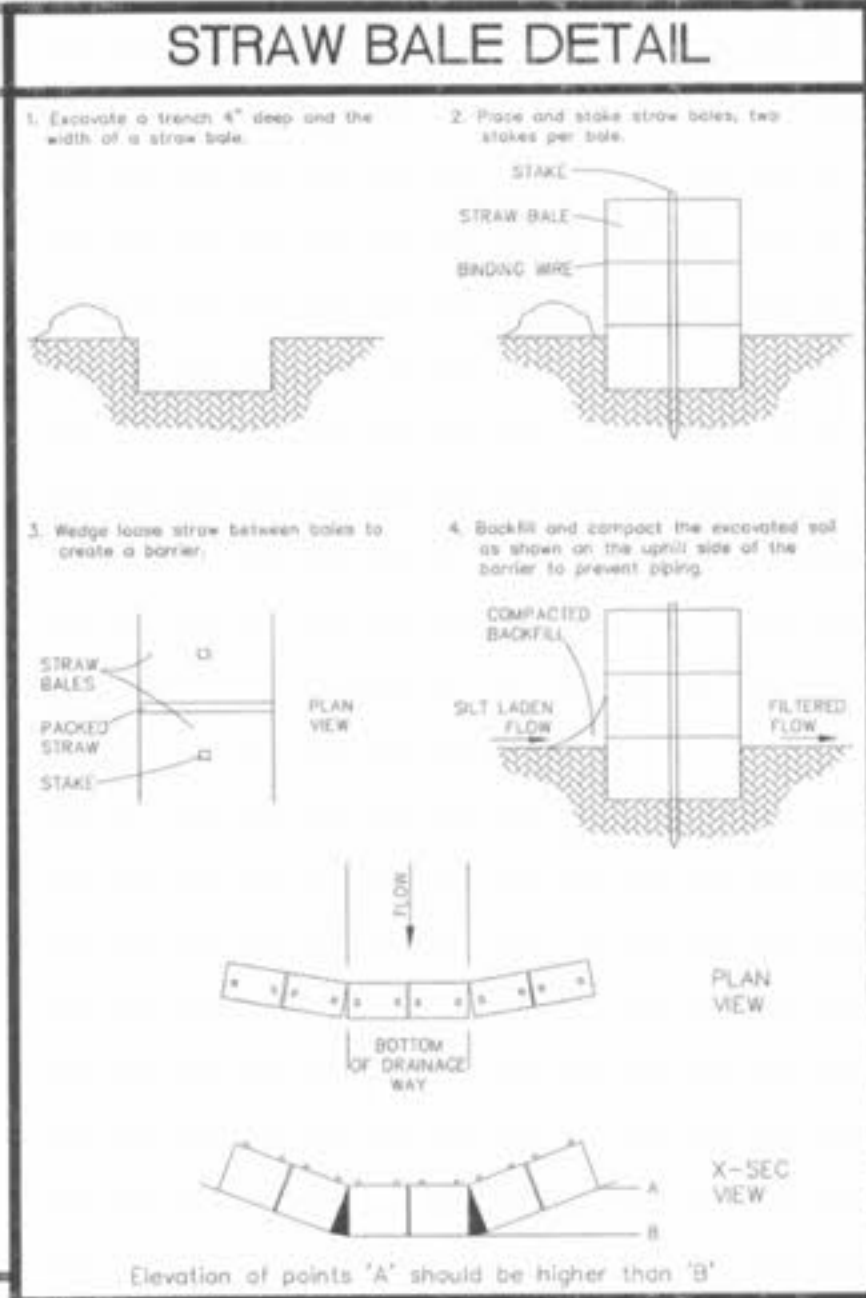
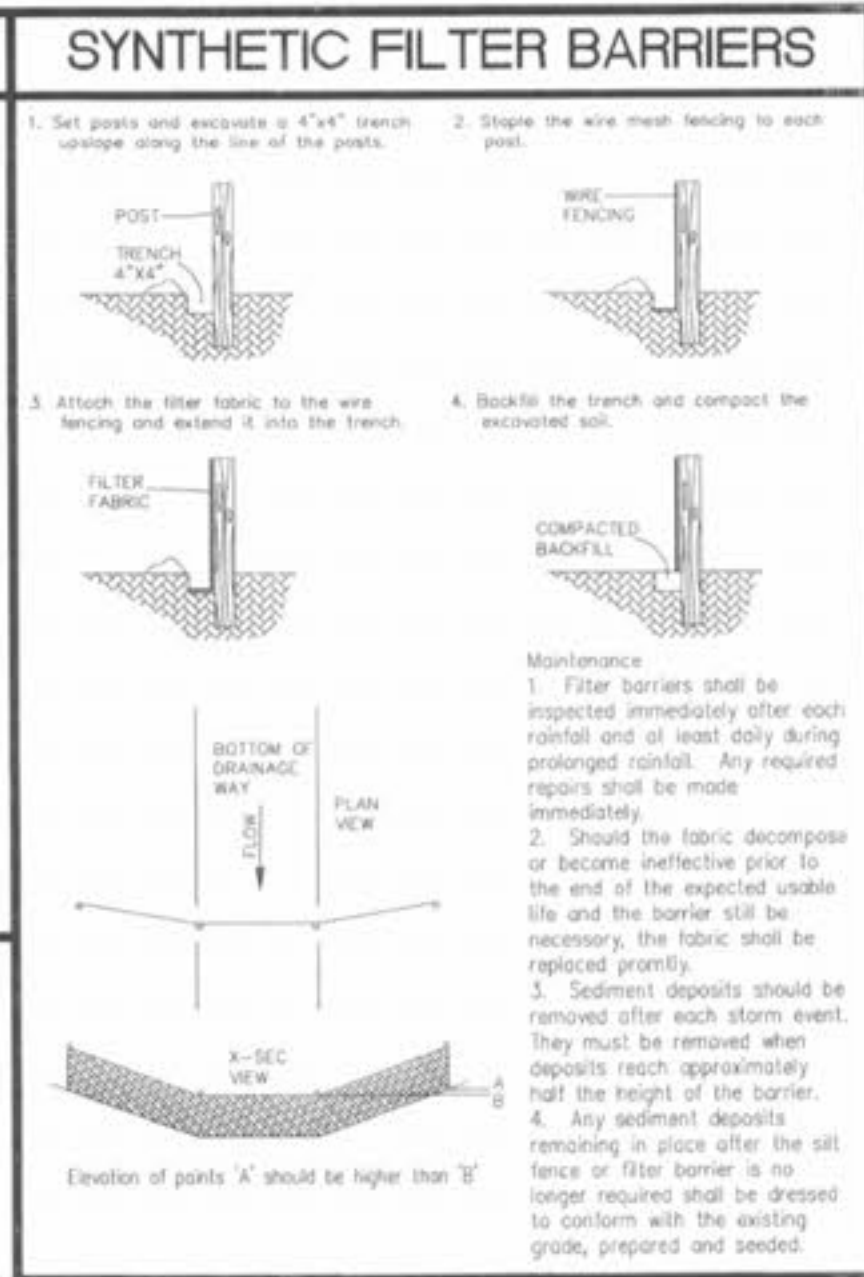
Mulch Rates:

100 lbs. Per 1,000 sq. ft. (4,356 lbs. per acre)

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.



NOTES:

PRINCIPAL SPILLWAY
Clear the sediment pool to facilitate clean out.

Situate the spillway barrel and riser on a firm, even foundation.

Place around the barrel a 4-inch layer of moist, clayey, workable soil, and compact with hand tampers.

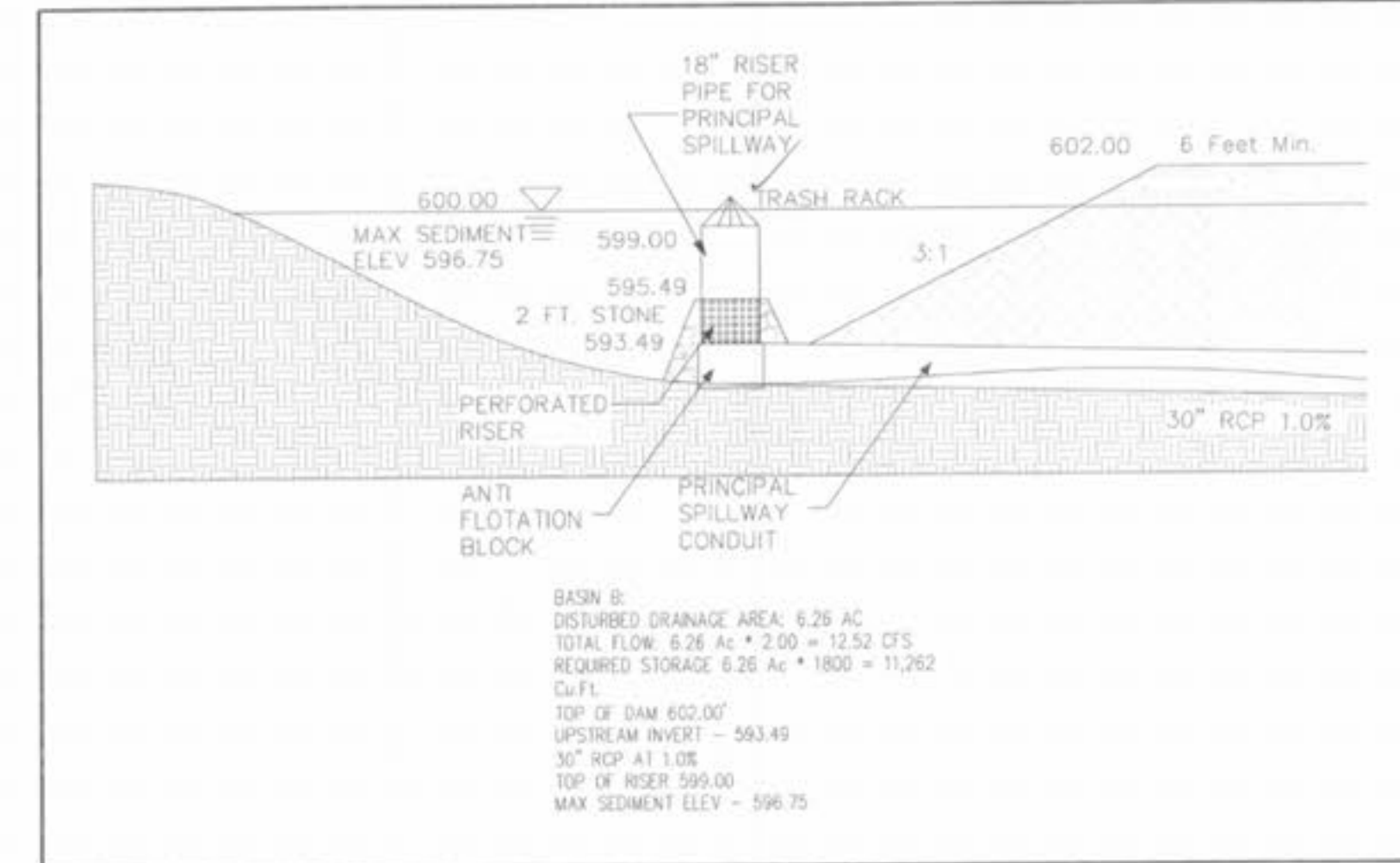
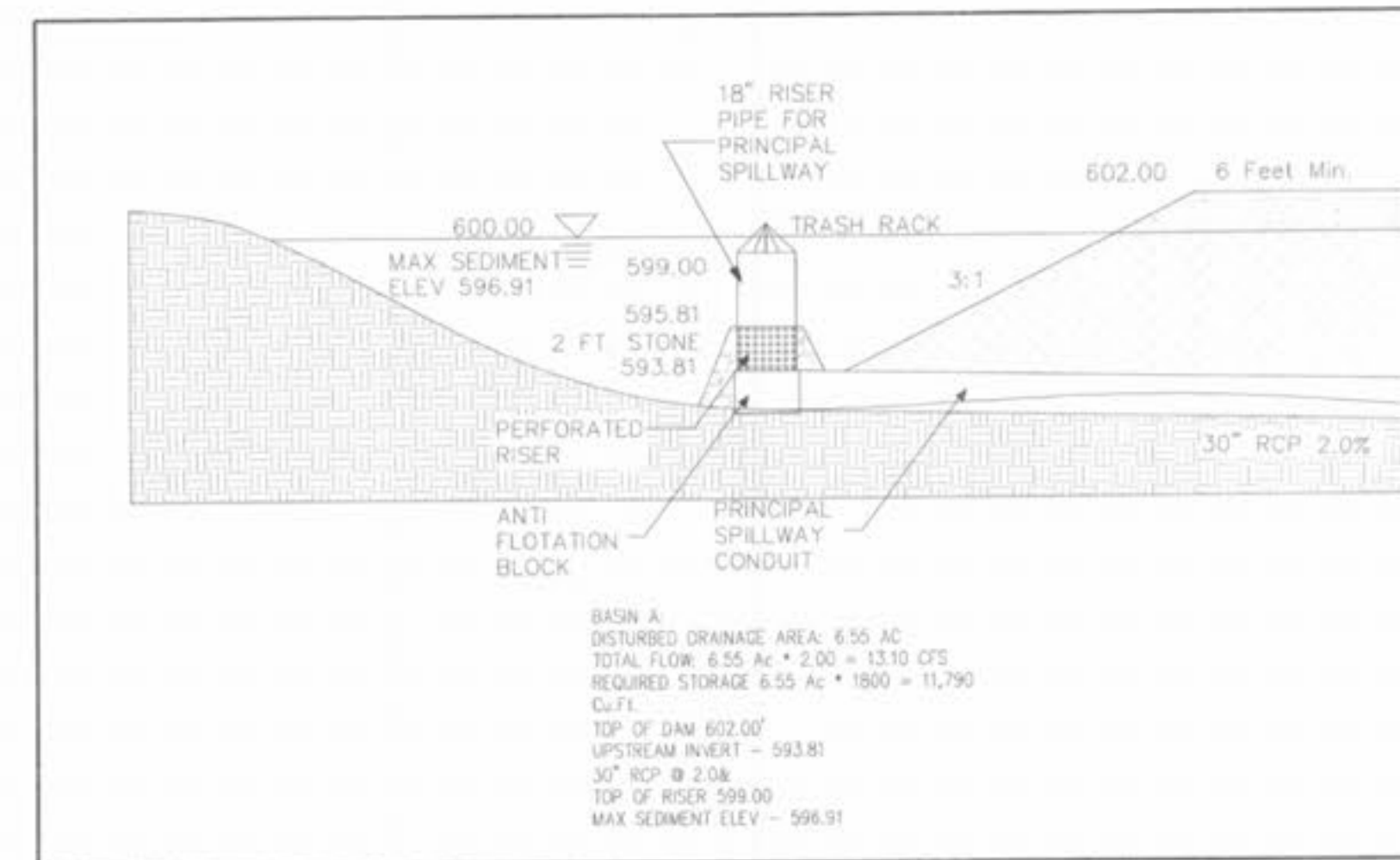
Perforate the lower half of the riser with 1/2 inch diameter holes spaced 3 inches apart.

Embed the riser in at least 12 inches of concrete.

Surround riser with 2 feet of clean, uniformly graded stone.

Place a steel trash rack around the riser inlet. Trash rack openings should be 4- to 6-inches square.

At the pipe outlet, install a riprap apron at least 5 feet wide and 10 feet long to stable grade.



EMBANKMENT
Use fill from predetermined borrow areas. Fill should be clean, stable mineral soil free of organics, roots, woody vegetation, rocks and other debris, and must be wet enough to form a ball without crumbling, yet not so wet that water can be squeezed out.

Place the most permeable soil in the downstream toe and least permeable soil in the center portion of the dam.

Compact the fill material in 6 to 8-inch lifts (maximum) over the length of the dam.

Protect the spillway barrel with two feet of fill that has been compacted with hand tampers before traversing over the pipe with equipment.

Construct and compact the dam to a height 10% above the design height.

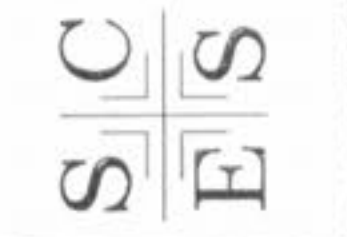
Place a reference stake at the sediment cleanout elevation.

EMERGENCY SPILLWAY
Construct the spillway in undisturbed soil around one end of the embankment, and locate it so that any flow will return to the receiving channel without damaging the embankment.

Stabilize the spillway as soon grading is complete with vegetation or erosion control blankets.

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