

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).

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. Geotextile Fabric — Will be placed over the entire area prior to placing of stone. Fabric 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.

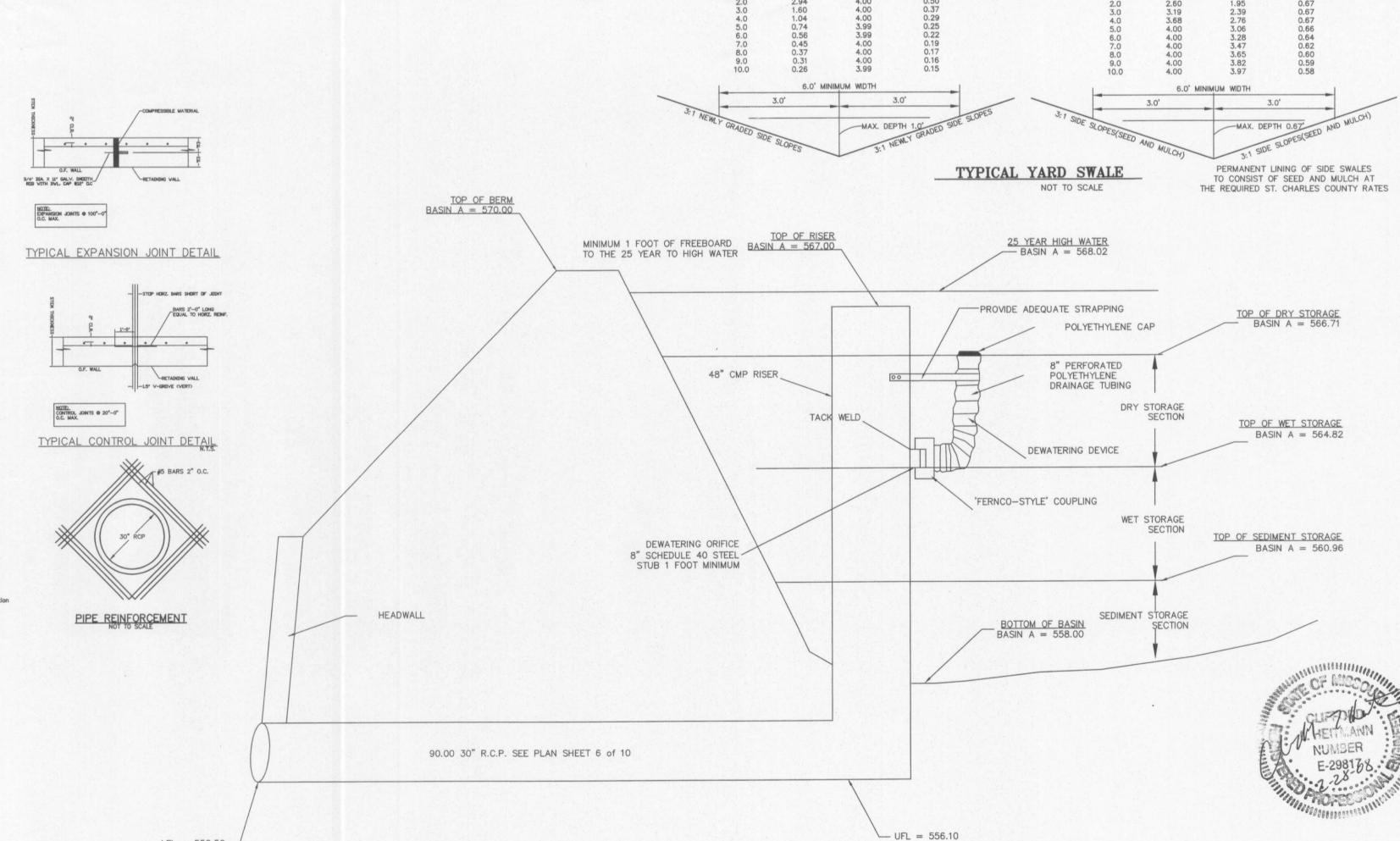
STABILIZED CONSTRUCTION ENTRANCE/WASHDOWN AREA

NOT TO SCALE

9. Periodic inspection and needed maintenance shall be provided after each rain.

10. If water is not available, a water truck will be provided.

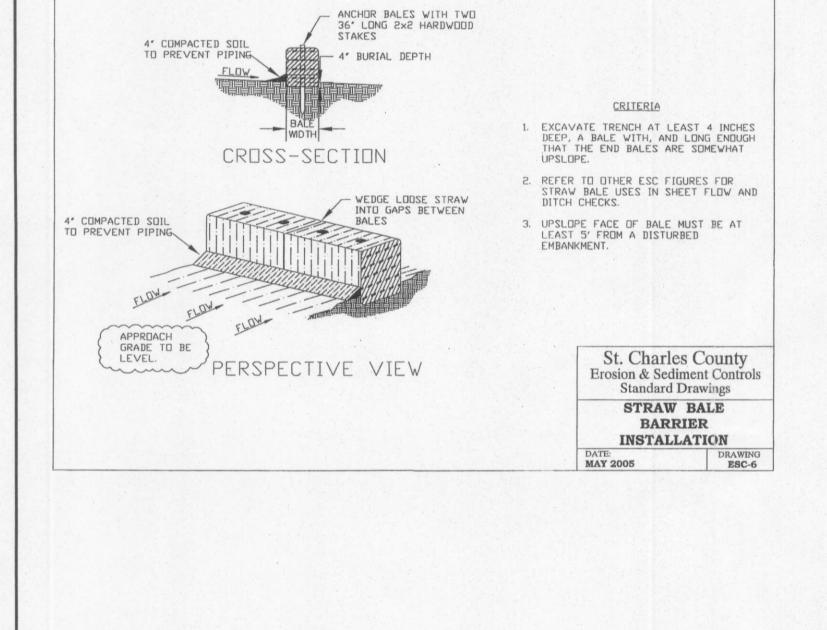
LFL = 552.50 -



TYPICAL TEMPORARY SEDIMENT BASIN CONTROL STRUCTURE DETAIL

Maximum Discharge (Q) = 4.00 cfs Maximum Velocity (V) = 4.00 ft/sec N = 0.020 (soil)

Maximum side slopes = 3 (horizontal) :1 (vertical)



SECTION A-A TEMPORARY DITCH

Calculated for a 15 yr 20 minute storm

.... 0.0200 8.0000 ft 5.0000 ft ... 0.3333 ft/ft (V/H)

... 0.3333 ft/ft (V/H)

5.2575 fps 5.2575 fps ... 5472.5021 cfs ... 3.7565 ft2 ... 8.5539 ft ... 0.4392 ft ... 8.3715 ft

SECTION A-A

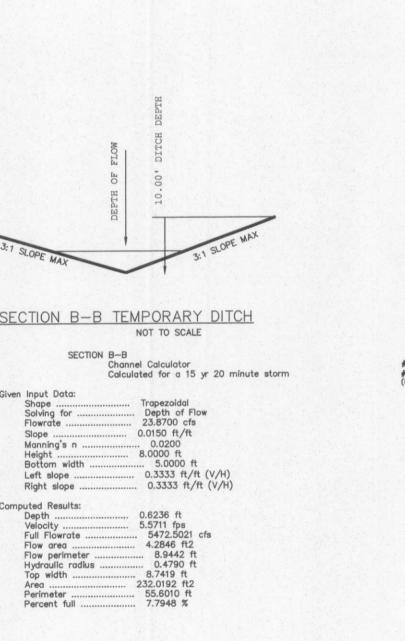
Manning's n .

Left slope ..

Right slope .

Flow perimeter Hydraulic radius ... Top width

Computed Results:



0.0150 ft/ft

Manning's n

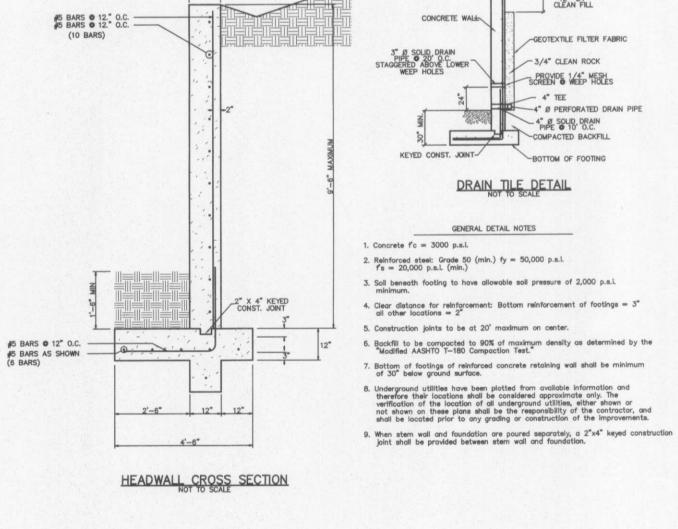
Height Bottom width ...

Velocity Full Flowrate Flow area Flow perimeter ...

Hydraulic radius Top width

Computed Results:

Left slope



STRAW BALE

CHECK DAM

GRADING DETAILS

12-4-07

MUELLER TRACT

05-13552

Maximum Discharge (Q) = 4.00 cfs

Maximum Velocity (V) = 4.00 ft/sec N = 0.050 (grass)

Maximum side slopes = 3 (horizontal) :1 (vertical)

1-22-08 CITY COMMENTS

2-12-08 CITY COMMENTS 2-28-08 BAX REVISIONS