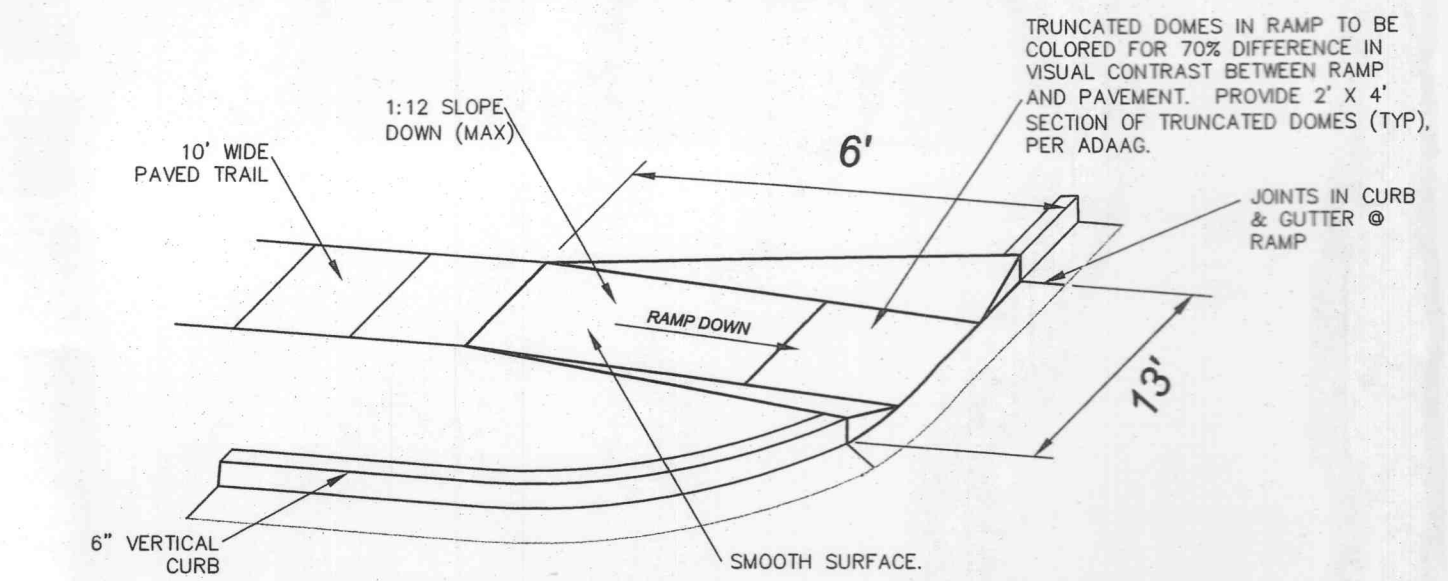


GENERAL NOTES;

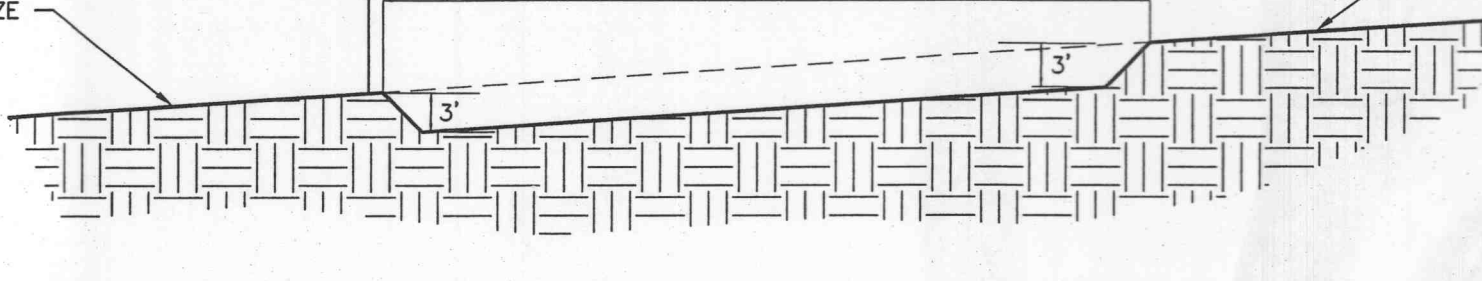
- I. Soil
  - A. Soil preparation and revegetation shall consist of seeding fescue between March 1 and June 1 at a rate of 30 pounds per acre. See Appendix A of the Model Sediment and Erosion Control Regulations for Urban Development.
  - B. Owner, Developer assumes full responsibility as to performance of grading operation and assurance that all properties and county roads will be adequately protected.
  - C. If Siltation Control Devices are destroyed by heavy rains, vandalism, etc., they are to be replaced immediately by Contractor.
  - D. Proposed phasing of development (rough dates) including:
    - .....a) Clearing (estimated duration of exposed areas).
    - .....b) Grading and construction (installation of temporary sediment control, storm drainage, paving)
    - .....c) Final Grading and Landscaping (vegetative cover)
  - E. Where natural vegetation is removed during grading, vegetation shall be re-established in such a density as to prevent erosion. Permanent type grasses shall be established as soon as possible or during the next seeding period after grading has been completed.
  - F. When grading operations are completed or suspended for more than 2 weeks, permanent grass must be established at sufficient density to provide erosion control on the site. Between permanent grass seeding periods, temporary cover shall be provided according to the Designated Officials recommendation. All finished grades (areas not to be disturbed by future improvements) in excess of 20% slopes (5:1) shall be mulched and tacked at the rate of 100 pounds per 1,000 square feet when seeded.
  - G. All lots shall be seeded and mulched before an occupancy permit shall be issued except that a temporary occupancy permit may be issued by the Building Department in cases of undue hardship because of unfavorable ground conditions.
  - H. Any wells and/or springs which may exist on this property should be located and treated in a manner acceptable to the local governing authority.
  - I. All existing trash, debris and broken concrete pieces on site must be removed and disposed of off site, and outside of the City of O'Fallon.



CONC. WALK w/ HANDICAP ACCESS AT ENTRANCE DRIVES & R/W



NOT TO SCALE



- NOTES:
1. THE SWALE SEDIMENT TRAP SHALL BE 20' x 60' TO PROVIDE MINIMUM STORAGE OF 1800 CUBIC FEET PER ACRE OF DRAINAGE AREA.
  2. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
  3. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
  4. THE SEDIMENT TRAP SHALL BE REMOVED AND AREA STABILIZED WHEN THE CONTRIBUTORY DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
  5. THE SWALE SEDIMENT TRAP WILL BE PROPERLY BACK FILLED AND THE SWALE RECONSTRUCTED.

MAXIMUM DRAINAGE AREA: 2 ACRES  
SWALE SEDIMENT TRAP

NOT TO SCALE

VEGETATIVE ESTABLISHMENT For Urban Development Sites APPENDIX A

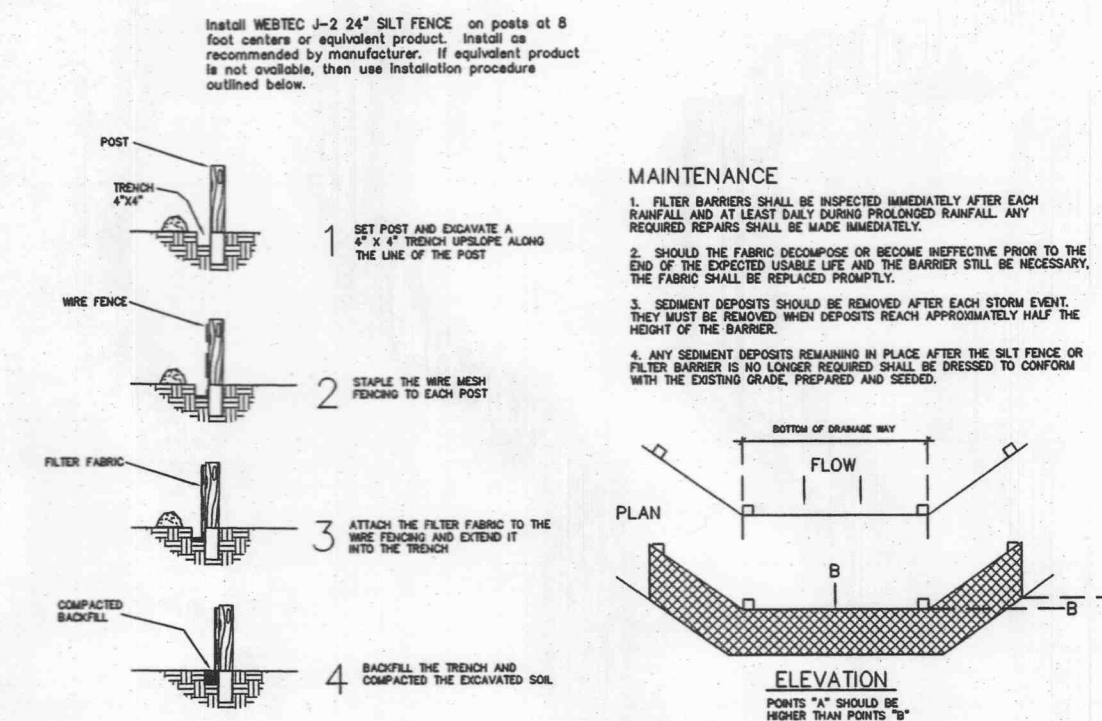
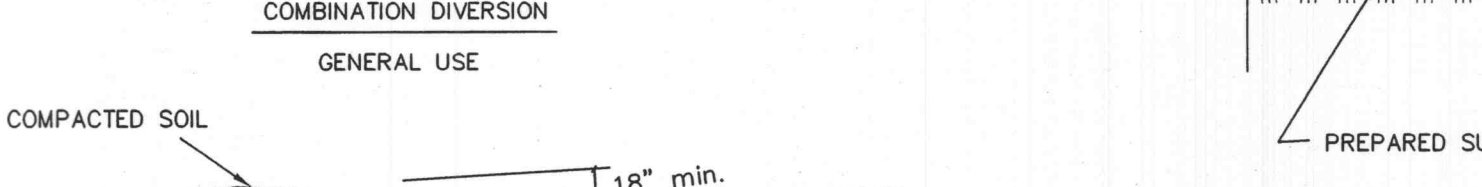
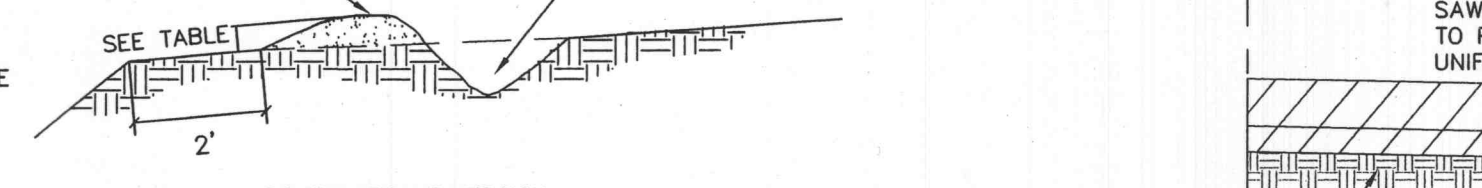
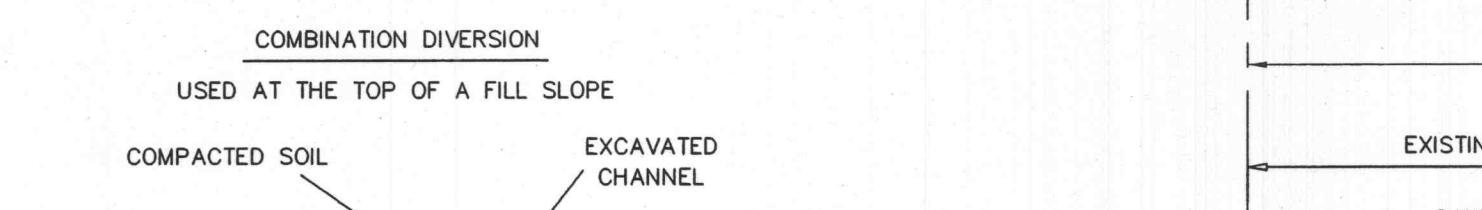
- Seeding rates:
- Permanent:
- Tall Fescue - 30 lbs./ac.
  - Smooth Brome - 20 lbs./ac.
  - combined: Fescue @ 15 lbs./ac. and Brome @ 10 lbs./ac.
- Temporary:
- Wheat or Rye - 150 lbs./ac. (3.5 lbs. per 1000 sf)
  - Oats - 120 lbs./ac. (2.75 lbs. per 1000 sf)

- 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 1,000 sq. feet (4,356 lbs. per acre)
- Fertilizer rates: Nitrogen 30 lbs./ac. Phosphate 30 lbs./ac. Potassium 30 lbs./ac. Lime 600 lbs./ac.

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

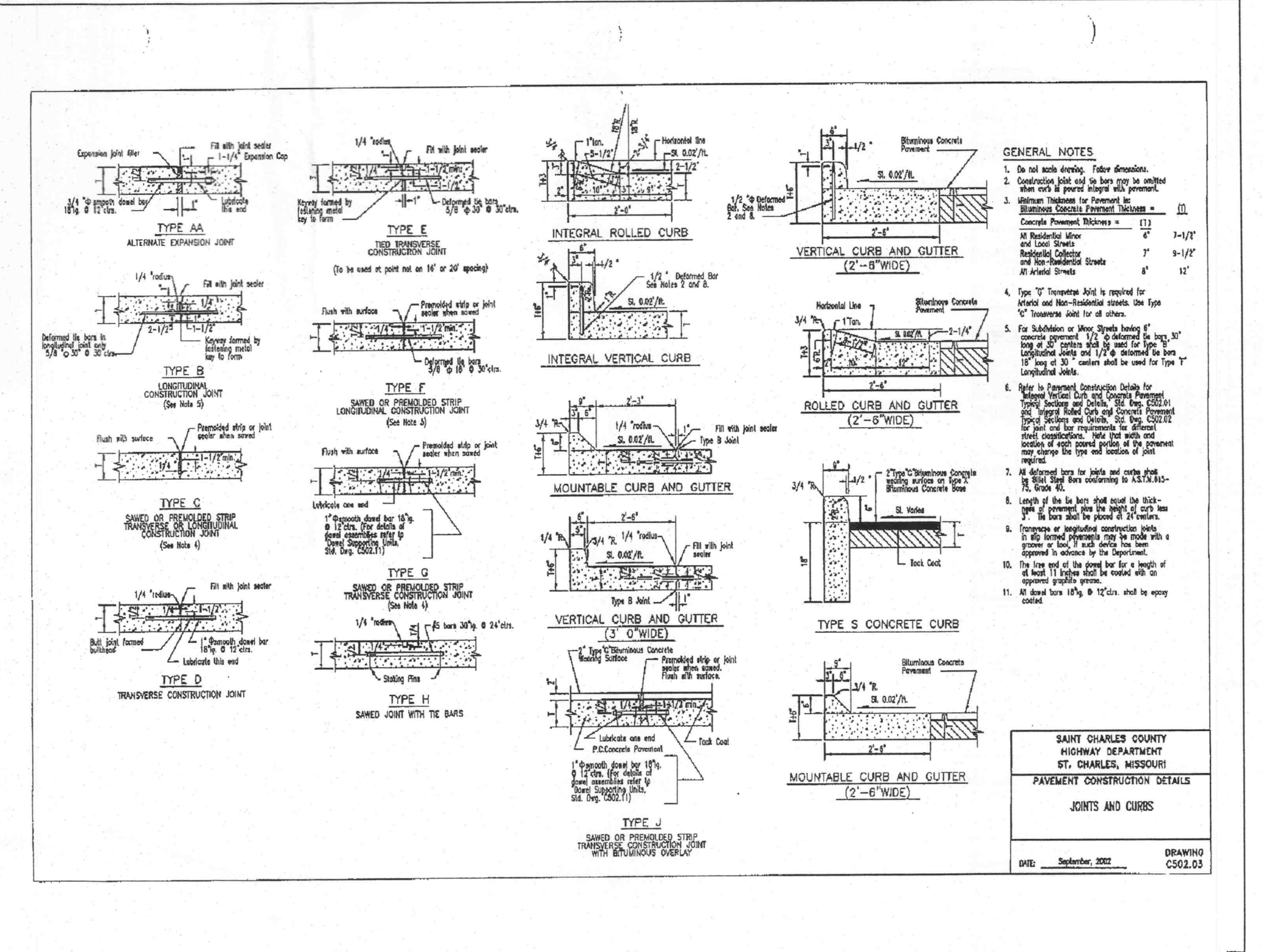
DIVERSIONS For Urban Development Sites APPENDIX B

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



SYNTHETIC FILTER BARRIER SILTATION CONTROL

NOT TO SCALE

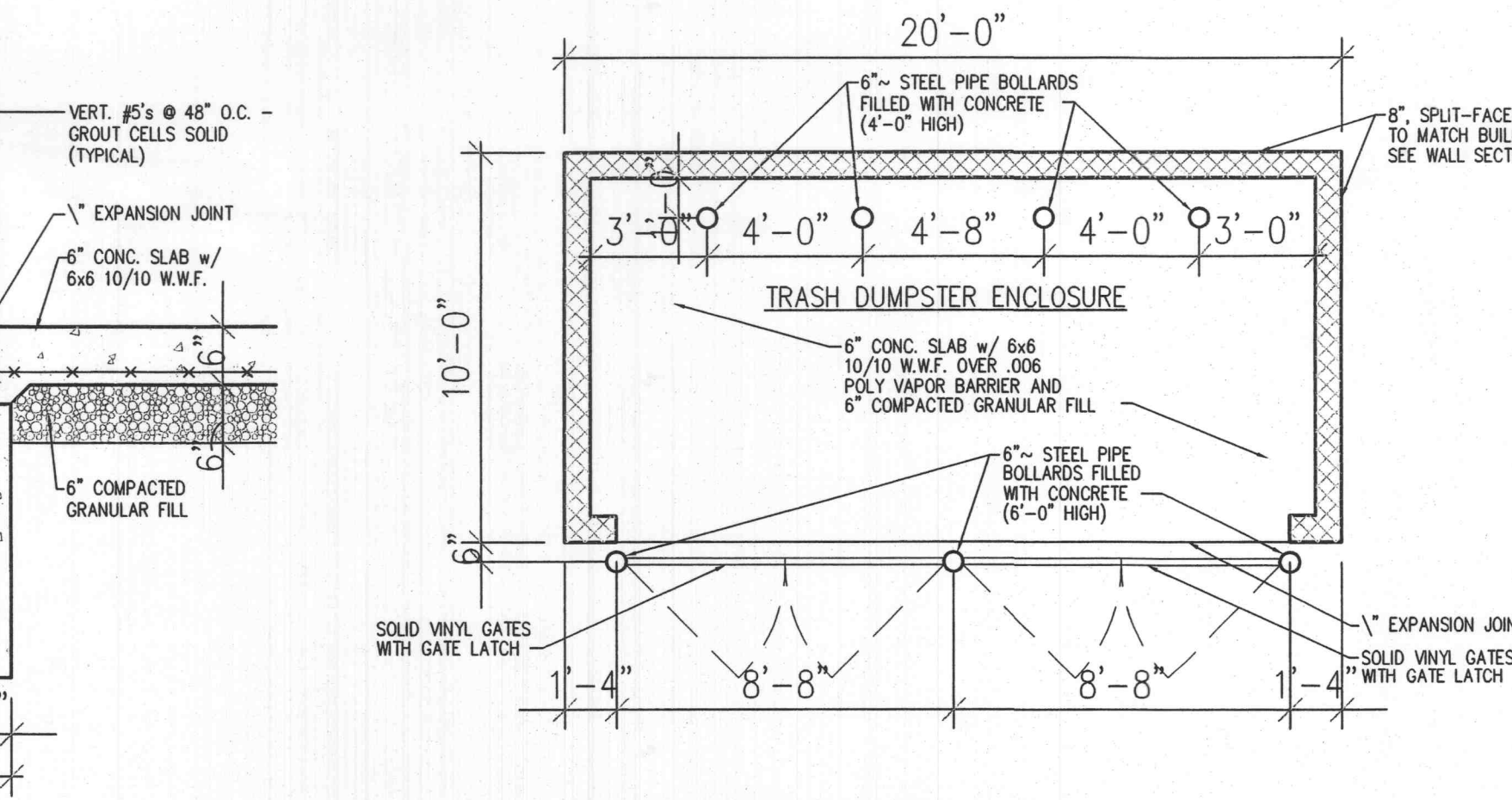


GENERAL NOTES

1. Do not backfill. Refer dimension.
2. Concrete shall not be less than 4000 psi concrete with 4% steel reinforcement.
3. Minimum depth of concrete shall be 4" for all curbs and gutters.
4. Type 'T' Transverse shall be required for all curb and gutter details.
5. For all curb and gutter details, the top of concrete shall be finished to a true and level surface.
6. Refer to General Construction Details for all other details.
7. All concrete shall be finished to a true and level surface.
8. All concrete shall be finished to a true and level surface.
9. All concrete shall be finished to a true and level surface.
10. All concrete shall be finished to a true and level surface.
11. All concrete shall be finished to a true and level surface.

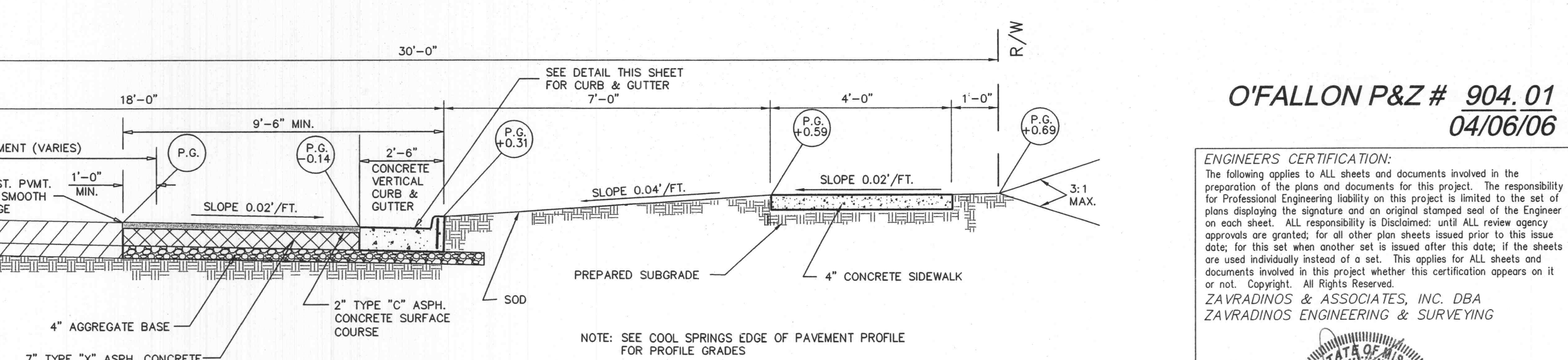
SAINT CHARLES COUNTY HIGHWAY DEPARTMENT ST. CHARLES, MISSOURI PAVEMENT CONSTRUCTION DETAILS JOINTS AND CURBS

DATE: September, 2002 DRAWING: C502.03



DUMPSTER ENCLOSURE DETAIL

NOT TO SCALE



COOL SPRINGS ROAD TYPICAL PAVEMENT HALF SECTION

NOT TO SCALE

O'FALLON P&Z # 904.01 04/06/06

ENGINEERS CERTIFICATION:

The following applies to ALL sheets and documents involved in the preparation of the plans and documents for this project. The responsibility for Professional Engineering liability on this project is limited to the set of plans displaying the signature and an original stamped seal of the Engineer on each sheet. ALL responsibility is Disclaimed: until ALL review agency approvals are granted; for all other plan sheets issued prior to this issue date; for this set when another set is issued after this date; if the sheets are used individually instead of a set. This applies for ALL sheets and documents involved in this project whether this certification appears on it or not. Copyright, All Rights Reserved.

ZAVRADINOS & ASSOCIATES, INC. DBA ZAVRADINOS ENGINEERING & SURVEYING

