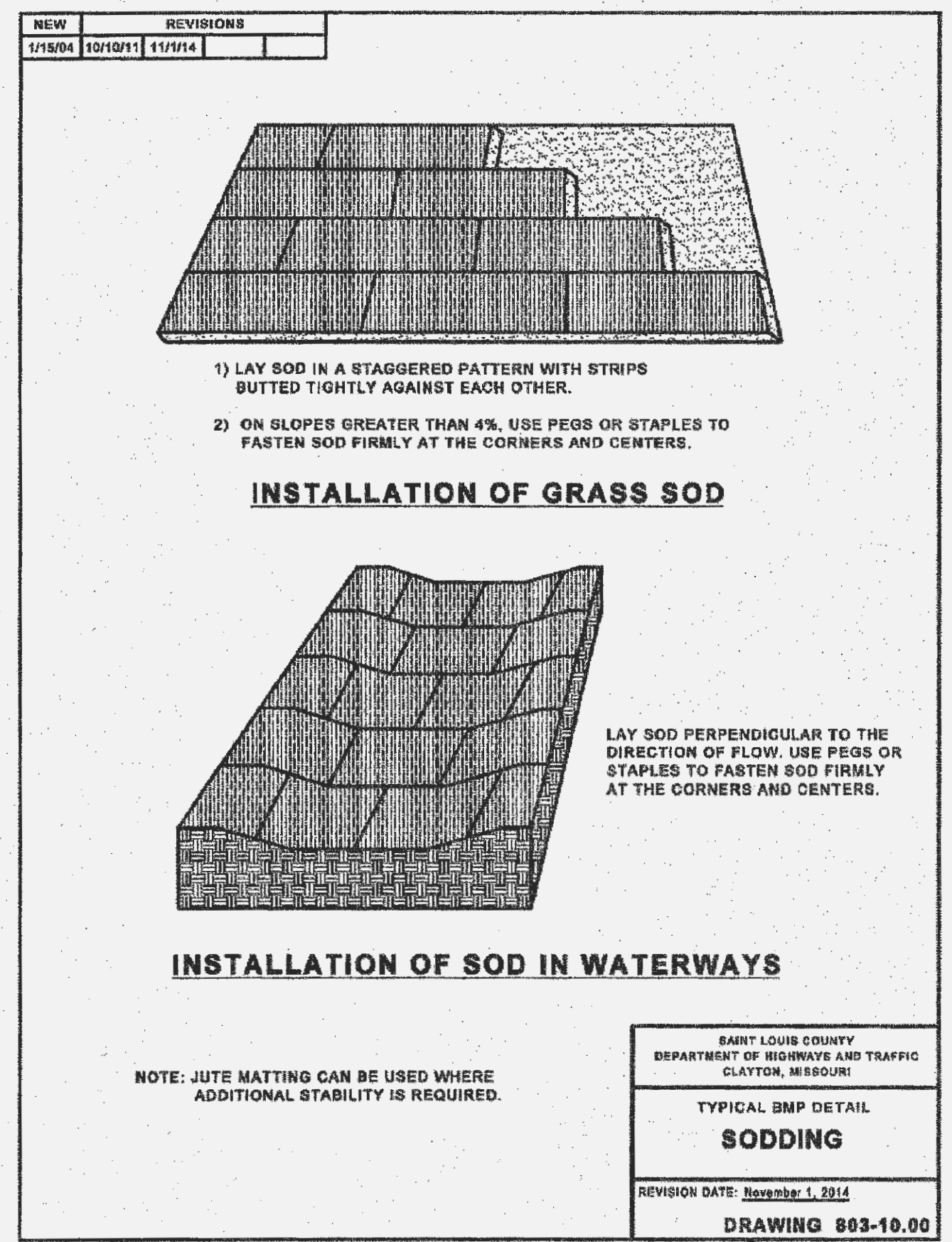


SAINT LOUIS COUNTY  
DEPARTMENT OF HIGHWAYS AND TRAFFIC  
CLAYTON, MISSOURI

TYPICAL BMP DETAIL  
**INLET PROTECTION - FABRIC DROP**

REVISION DATE: February 15, 2004

**DRAWING SC-3**



SAINT LOUIS COUNTY  
DEPARTMENT OF HIGHWAYS AND TRAFFIC  
CLAYTON, MISSOURI

TYPICAL BMP DETAIL  
**SODDING**

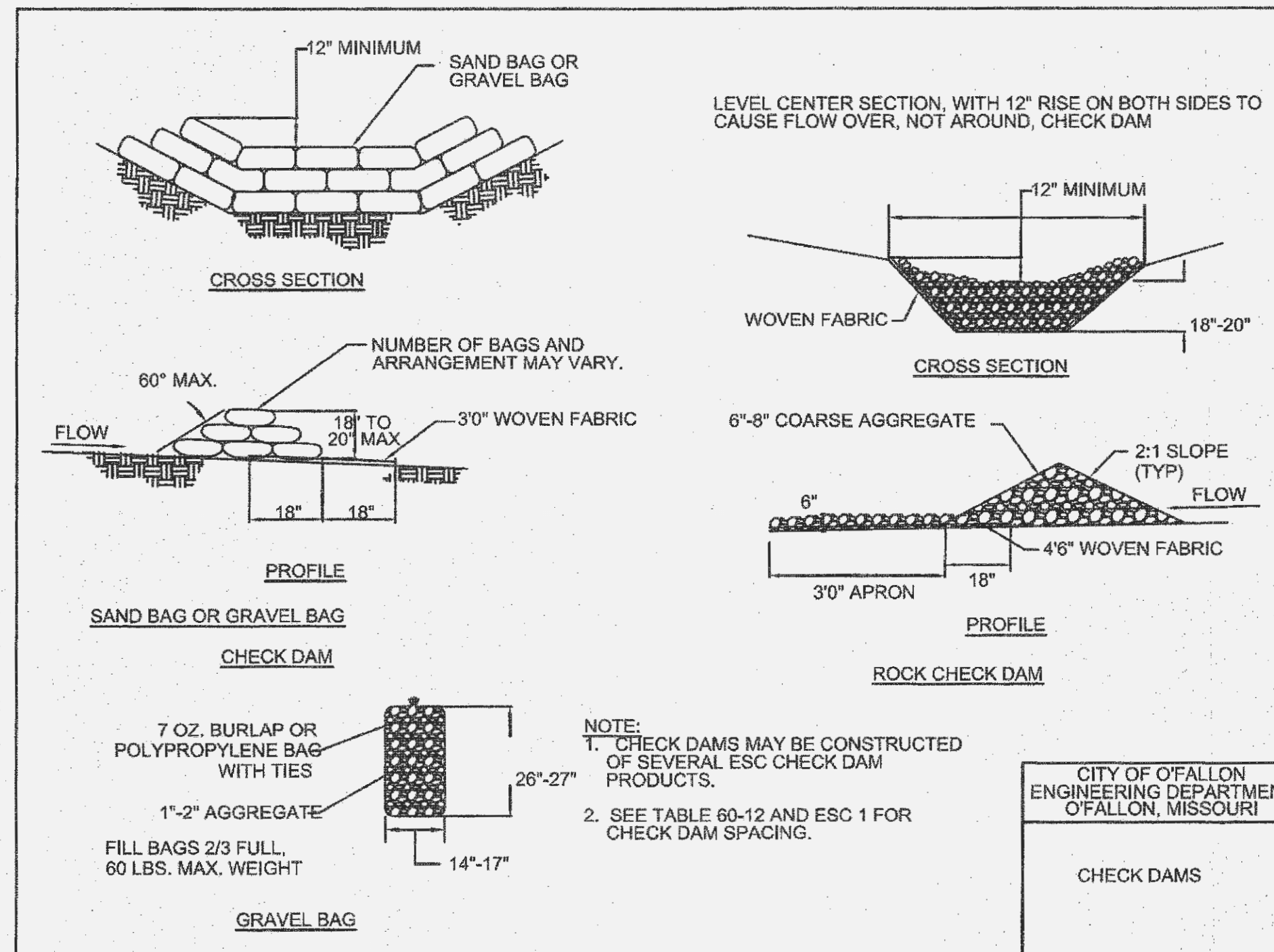
REVISION DATE: November 1, 2004

**DRAWING 803-10.00**

11/1/2014 Page 114 Sediment and Erosion Control Manual Standard Drawings

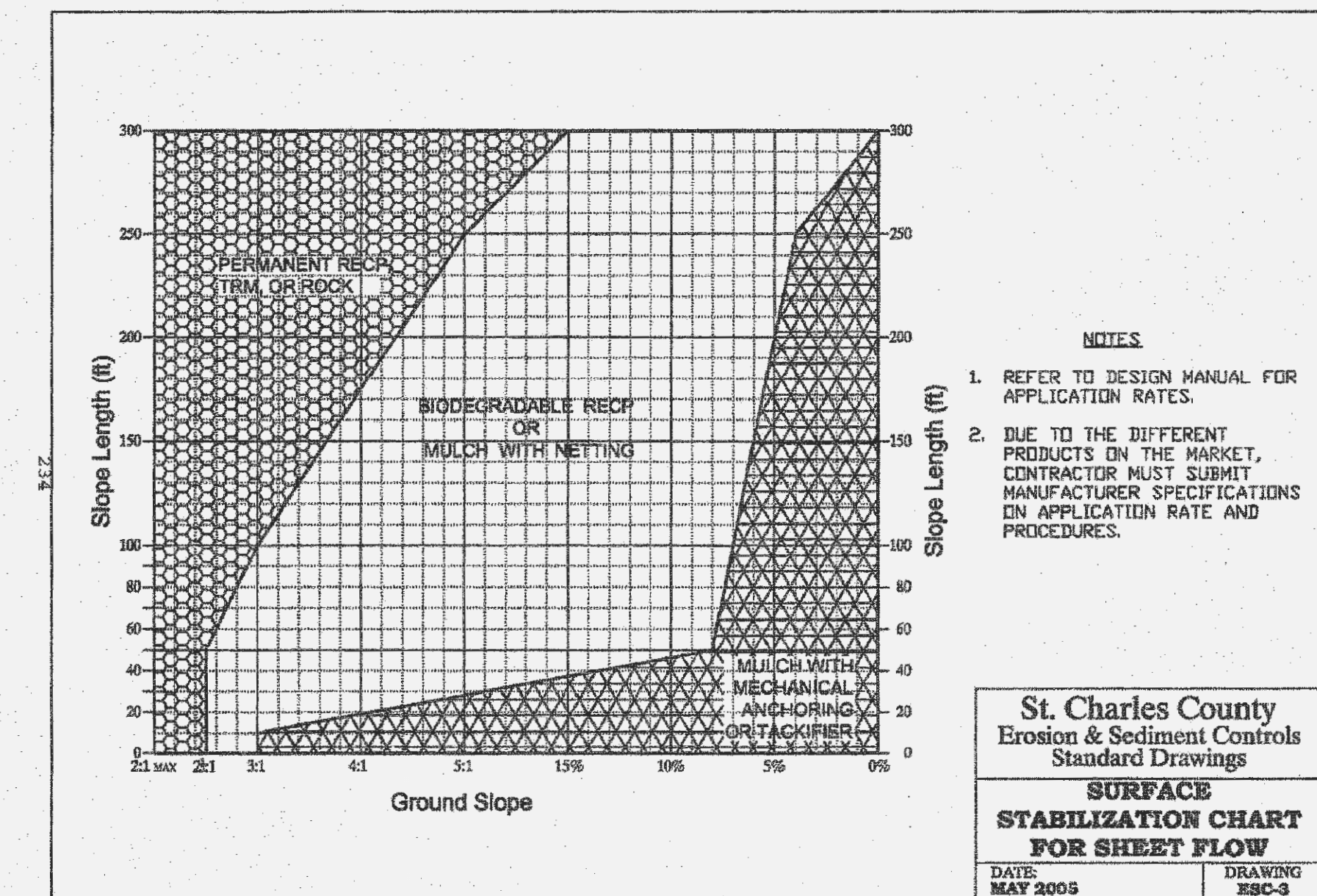


NOTE:  
Underground utilities and structures have been plotted from available information and therefore, their location must be considered approximate only. It is the responsibility of the individual contractor to notify the utility companies before actual construction.



CITY OF O'FALLON  
ENGINEERING DEPARTMENT  
O'FALLON, MISSOURI

**CHECK DAMS**



St. Charles County  
Erosion & Sediment Controls  
Standard Drawings

**SURFACE STABILIZATION CHART FOR SHEET FLOW**

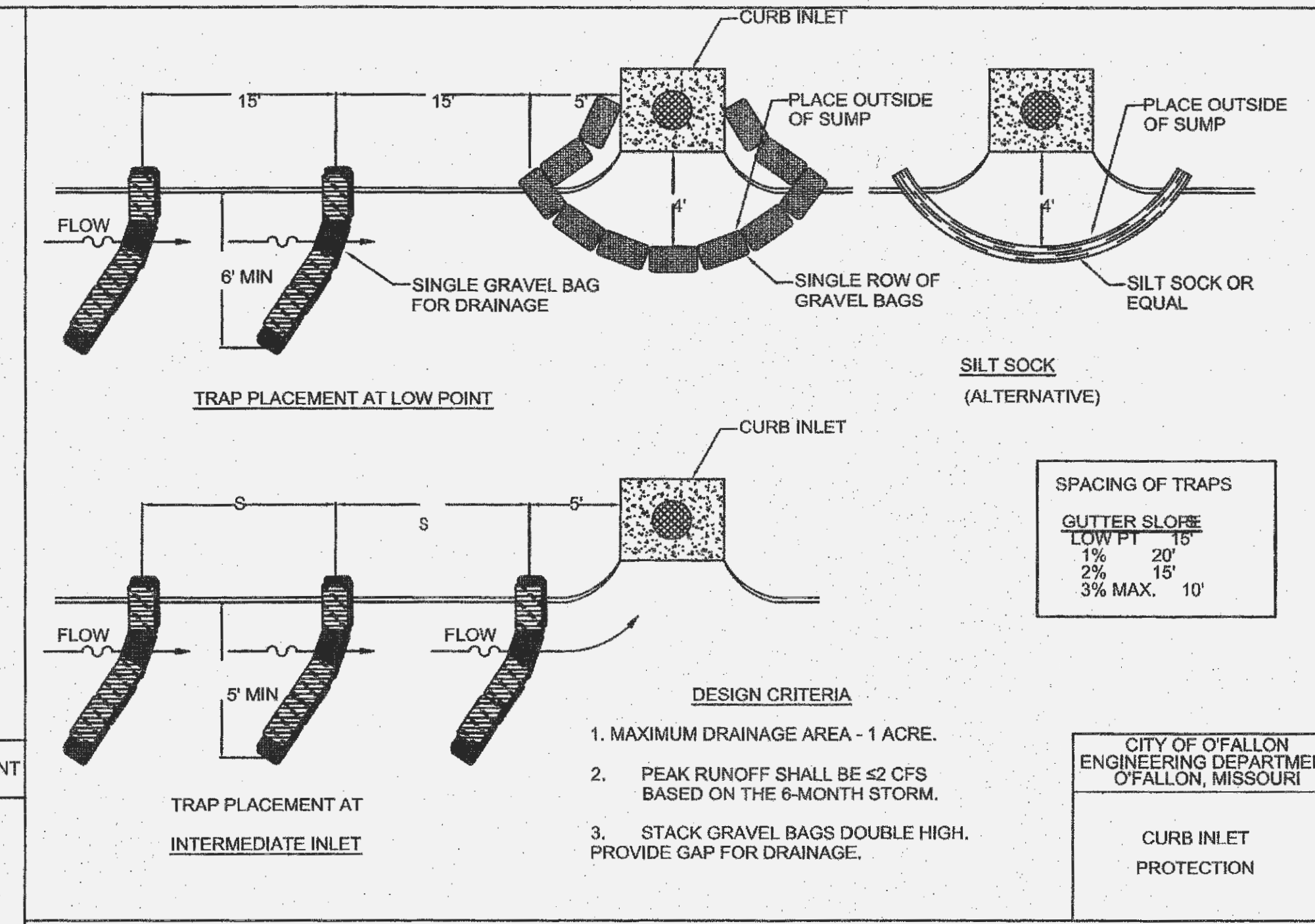
DATE: MAY 2005 DRAWING: 299C-3

**SILTATION CONTROL NOTES**

- Installation of all sediment and erosion control shall be implemented as the first step of grading and within two (2) days of any removal of existing vegetation or improvements.
- Inspection of siltation control shall take place at least once every seven (7) days and within 24 hours of any rain event. Any repairs required shall begin immediately of the root zone. A written report shall be submitted to the City of O'Fallon within seventy two (72) hours of storm event.
- A Missouri State Operating Permit that specifically identifies the site must be obtained from the Missouri Department of Natural Resources prior to any clearing, grubbing or grading that results in destruction.
- The contractor shall keep and maintain records of all siltation control inspections, repairs, installation or relevant activities on the jobsite or main office for a period of three years. These records shall be available for inspection by Missouri Department of Natural Resources or local authorities having jurisdiction.
- All disturbed areas which remain unworked for 30 days or more shall be stabilized with seeding and mulching per appendix A or per the project specifications whichever is more stringent. If seasonal conditions prohibit seeding or mulching, matting shall be installed.
- All slopes or drainage channels, once constructed to final grade shall be seeded and mulched or otherwise stabilized within 7 days. Every effort shall be made to prevent erosion in these areas.
- Silt fence inlet protection devices shall be installed immediately around each inlet once inlet construction is completed.
- All siltation control devices shall remain in place until upslope areas have been permanently stabilized.

**Silt Fence Maintenance:**

- Silt fence shall be inspected immediately after each rainfall and at least daily during prolonged rainfall.
- Close attention shall be paid to the repair of damaged silt fence barriers, end runs and barrier undercutting.
- Should silt fence become ineffective prior to the end of construction and are still necessary, the straw bales shall be promptly replaced.
- Sediment deposits shall be removed after each rainfall. They must be removed when the level of deposition reaches approximately one - half of the height of the fence.
- Any sediment deposits remaining in place after the silt fence barrier is no longer required shall be dressed to conform to the existing grade, prepared and seeded.



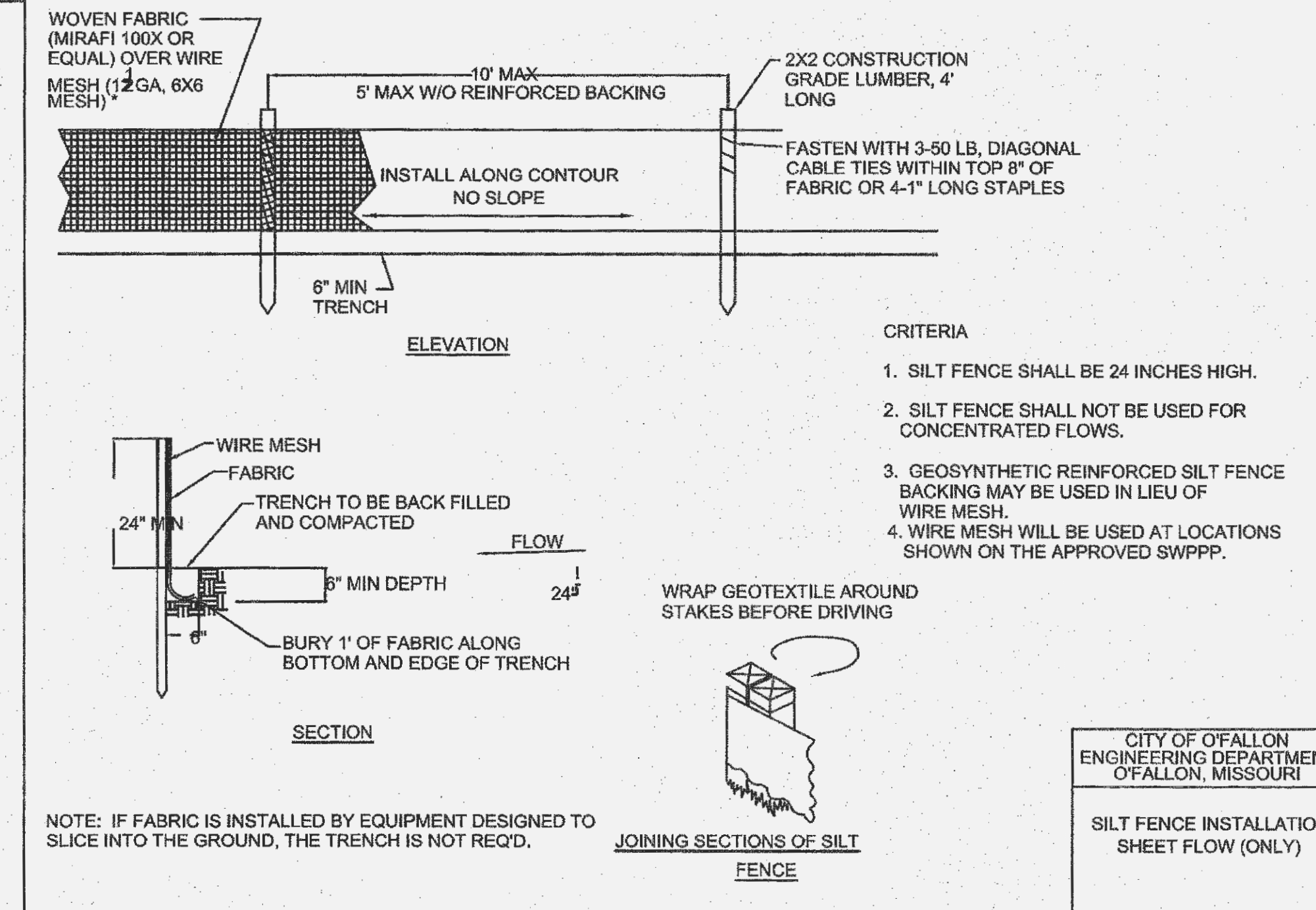
SPACING OF TRAPS

GUTTER SLOPE	LOW PT	15'
1%	20'	
2%	15'	
3% MAX.	10'	

- DESIGN CRITERIA**
- MAXIMUM DRAINAGE AREA - 1 ACRE.
  - PEAK RUNOFF SHALL BE  $\leq 2$  CFS BASED ON THE 6-MONTH STORM.
  - STACK GRAVEL BAGS DOUBLE HIGH. PROVIDE GAP FOR DRAINAGE.

CITY OF O'FALLON  
ENGINEERING DEPARTMENT  
O'FALLON, MISSOURI

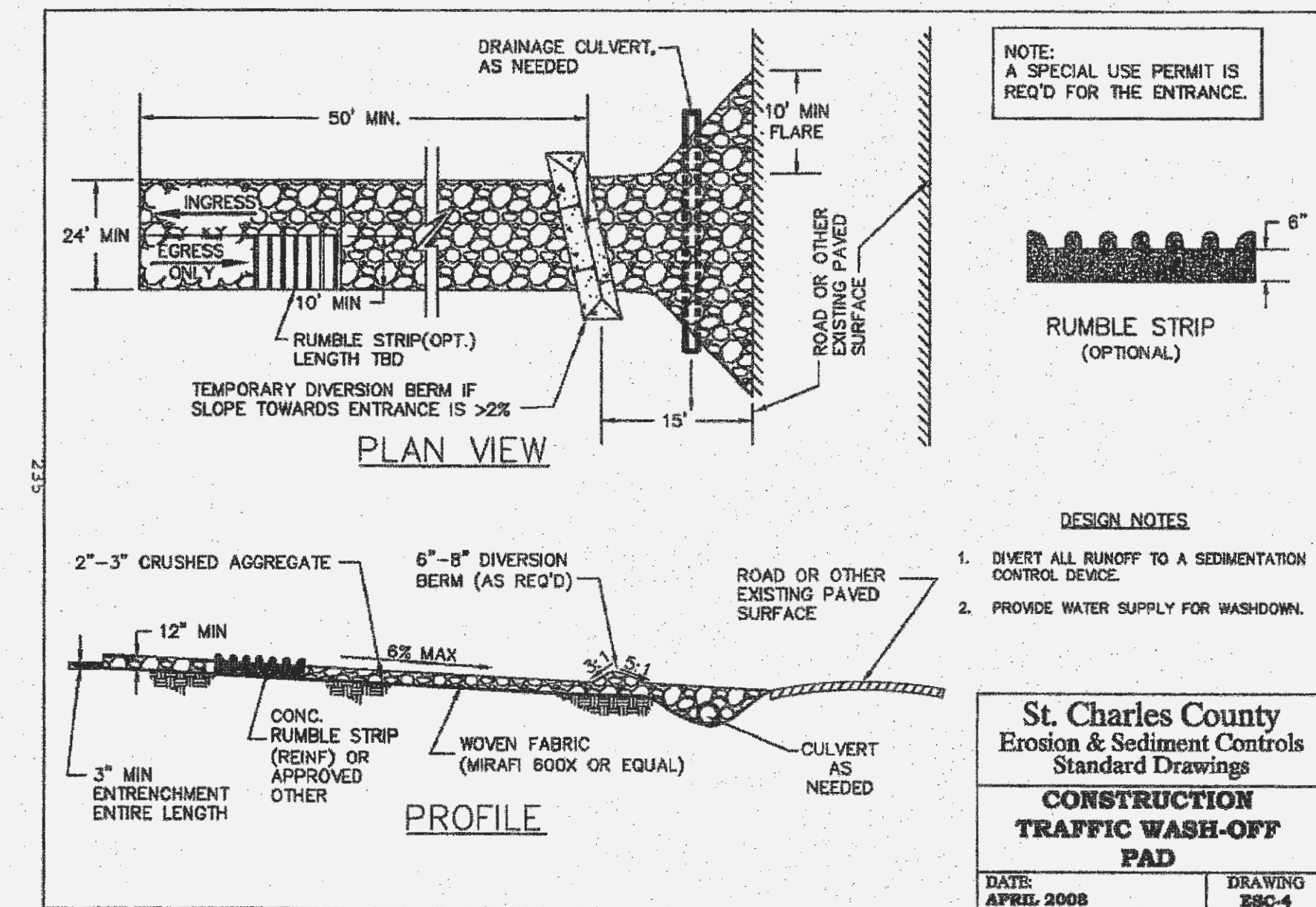
**CURB INLET PROTECTION**



- CRITERIA**
- SILT FENCE SHALL BE 24 INCHES HIGH.
  - SILT FENCE SHALL NOT BE USED FOR CONCENTRATED FLOWS.
  - GEOSYNTHETIC REINFORCED SILT FENCE BACKING MAY BE USED IN LIEU OF WIRE MESH.
  - WIRE MESH WILL BE USED AT LOCATIONS SHOWN ON THE APPROVED SWPPP.

CITY OF O'FALLON  
ENGINEERING DEPARTMENT  
O'FALLON, MISSOURI

**SILT FENCE INSTALLATION SHEET FLOW (ONLY)**



- DESIGN NOTES**
- DIVERT ALL RUNOFF TO A SEDIMENTATION CONTROL DEVICE.
  - PROVIDE WATER SUPPLY FOR WASHDOWN.

St. Charles County  
Erosion & Sediment Controls  
Standard Drawings

**CONSTRUCTION TRAFFIC WASH-OFF PAD**

DATE: APRIL 2008 DRAWING: 29C-4

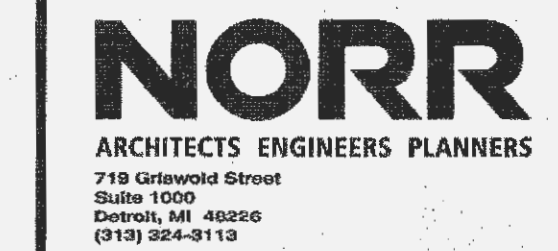


NORTHERN 13,225-RIGHT CHAMFER DRIVE-THRU STORE NUMBER 10546

REC. FEISE, ROAD AND BRYAN ROAD O'FALLON, MO

PROJECT TYPE: NEW CONSTRUCTION DEAL TYPE: Fee for Service

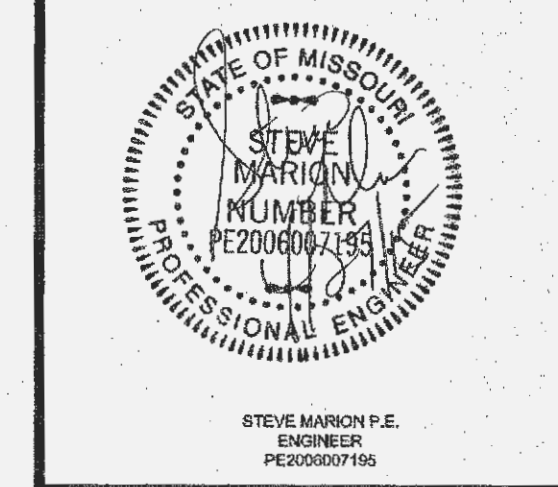
CS PROJECT NUMBER: 69591



PREMIER CIVIL ENGINEERING

308 TCW Court  
Lake Saint Louis, MO 63367  
Phone: (314) 925-7444 Fax: (314) 925-7457  
Missouri Certificate of Authority # E-201100031  
Missouri Certificate of Authority # LS-2012007849

ENGINEER'S AUTHENTICATION  
The responsibility for professional engineering liability on this project is hereby limited to the act of plans authorized by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes evidence other than the values read/entered.



STEVE MARION P.E.  
ENGINEER  
PE2000062193

Developer / Owner Information  
T.M.  
**CROWLEY & ASSOCIATES**

**Erosion Control Details**

P+Z No. 01-15 & 01.15.01  
APPROVED 1-15-15  
City No.

Sheet Number:  
**25**

PCE PROJECT NO. 136101