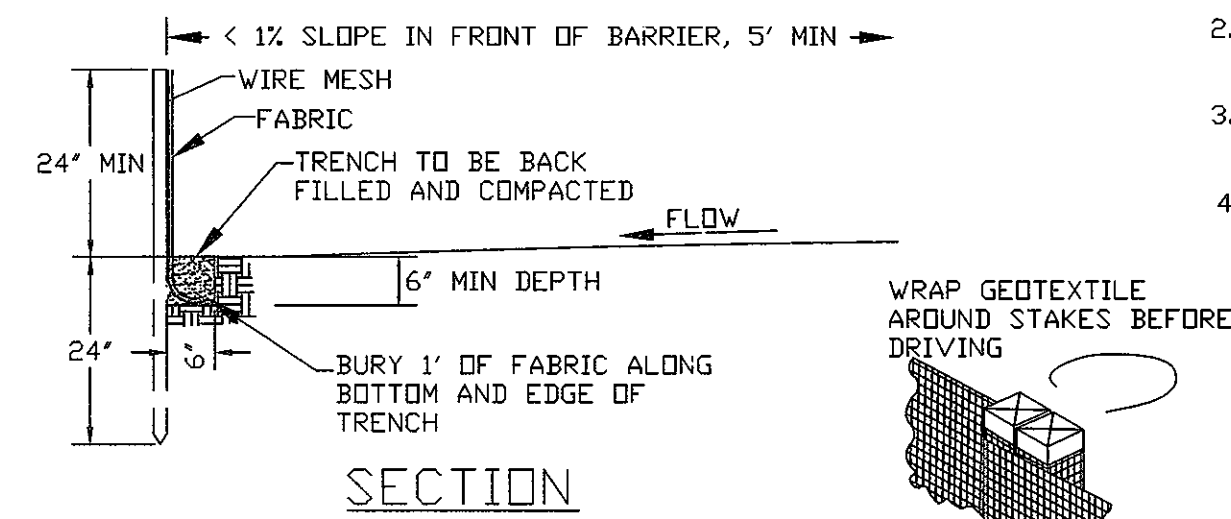
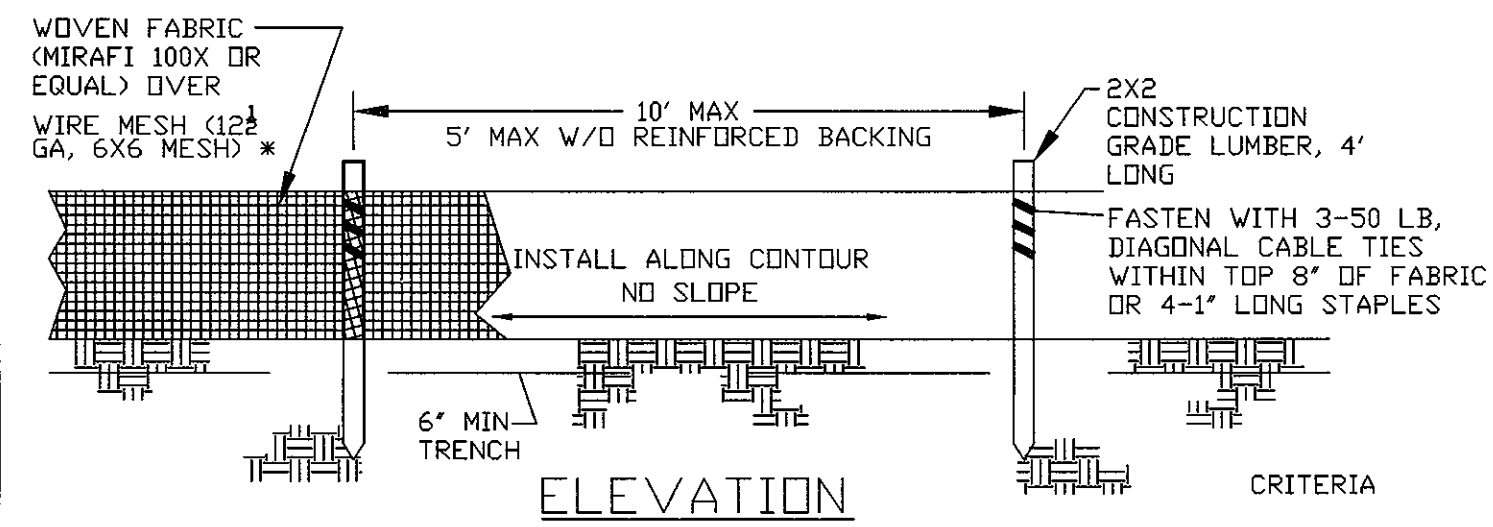


CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

**SPACING CHART
FOR ESC DEVICES**

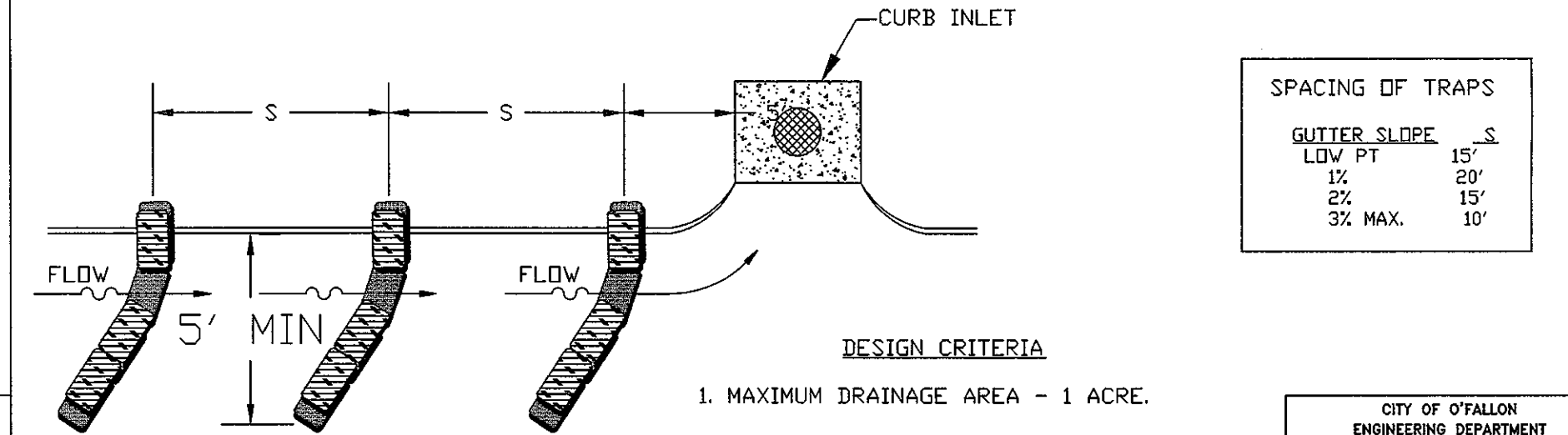
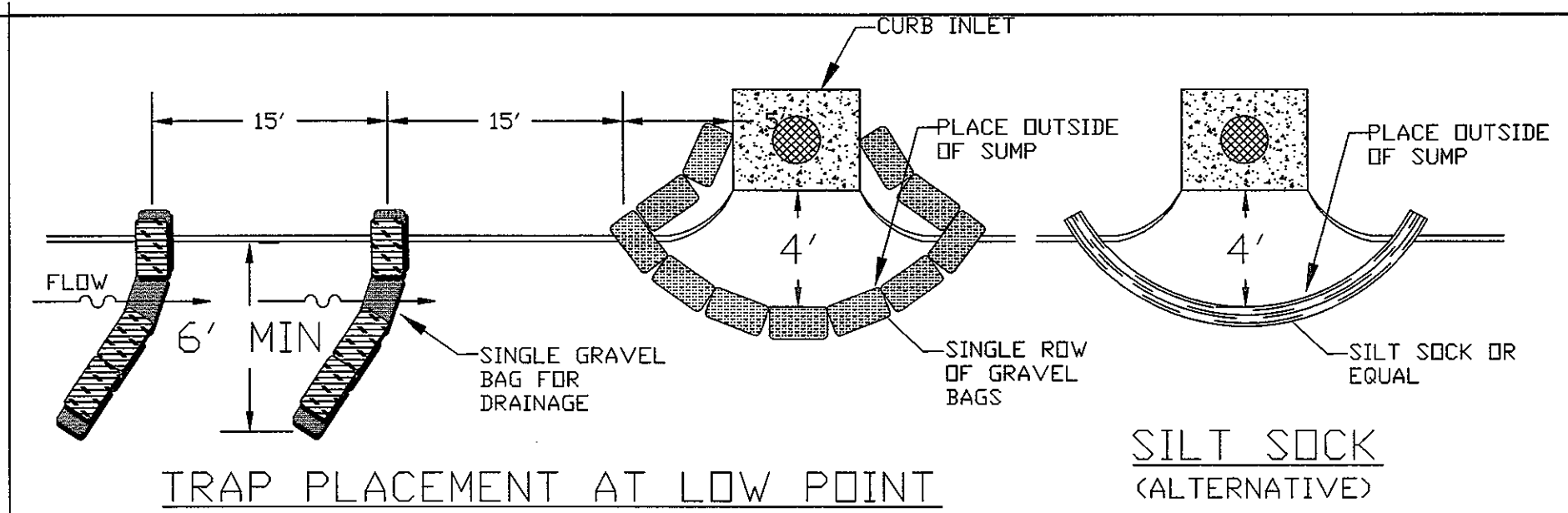


**JOINING SECTIONS OF
SILT FENCE**

- 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.

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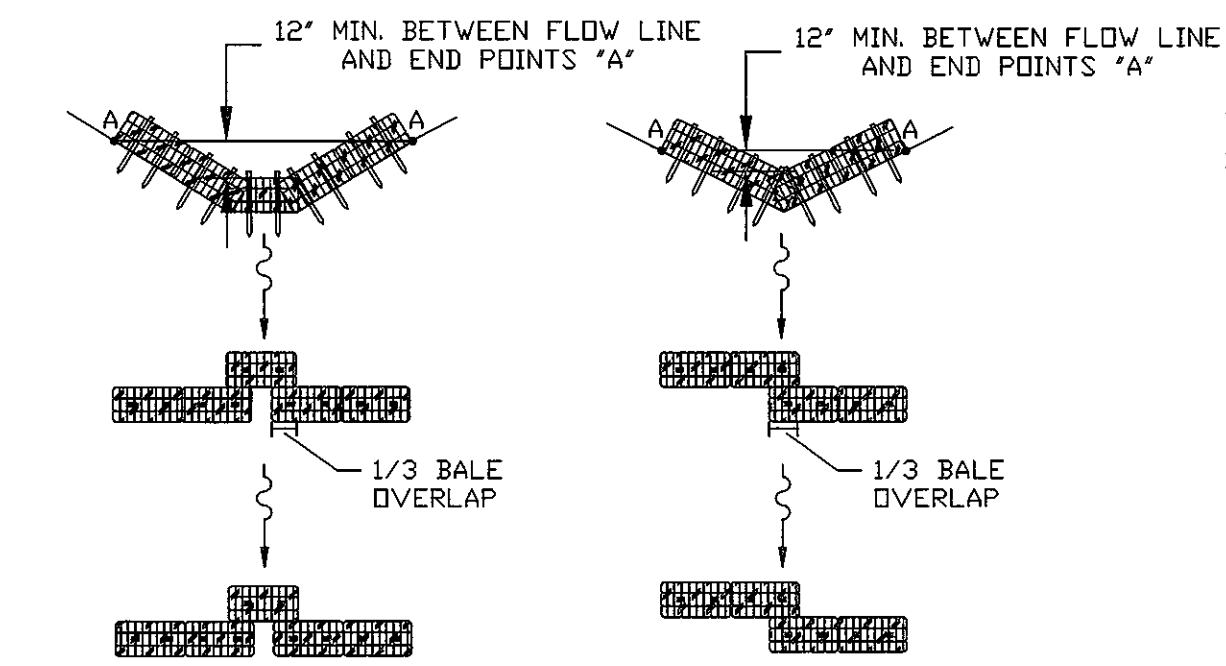
**SILT FENCE INSTALLATION
SHEET FLOW (ONLY)**



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

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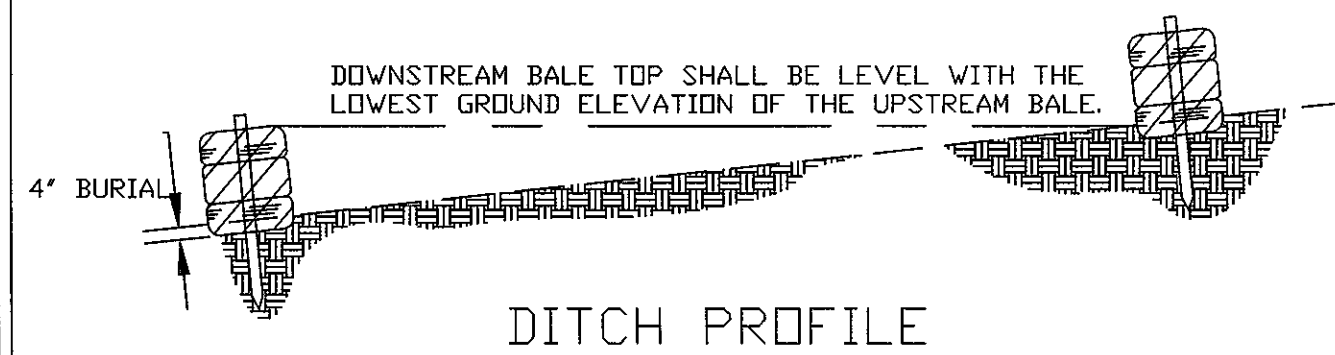
**CURB INLET
PROTECTION**



CRITERIA FOR LOW CONCENTRATED FLOWS

- DRAINAGE AREAS SHALL BE LESS THAN 1 ACRE.
- INSTALL TWO STAKES PER BALE.
- BALES WILL BE TRENCHED 4' DEEP INTO EARTH.
- MAXIMUM CHANNEL SLOPE OF 3%.
- SEDIMENTATION TRAPS TO BE USED IN HIGHLY ERODIVE AREAS.

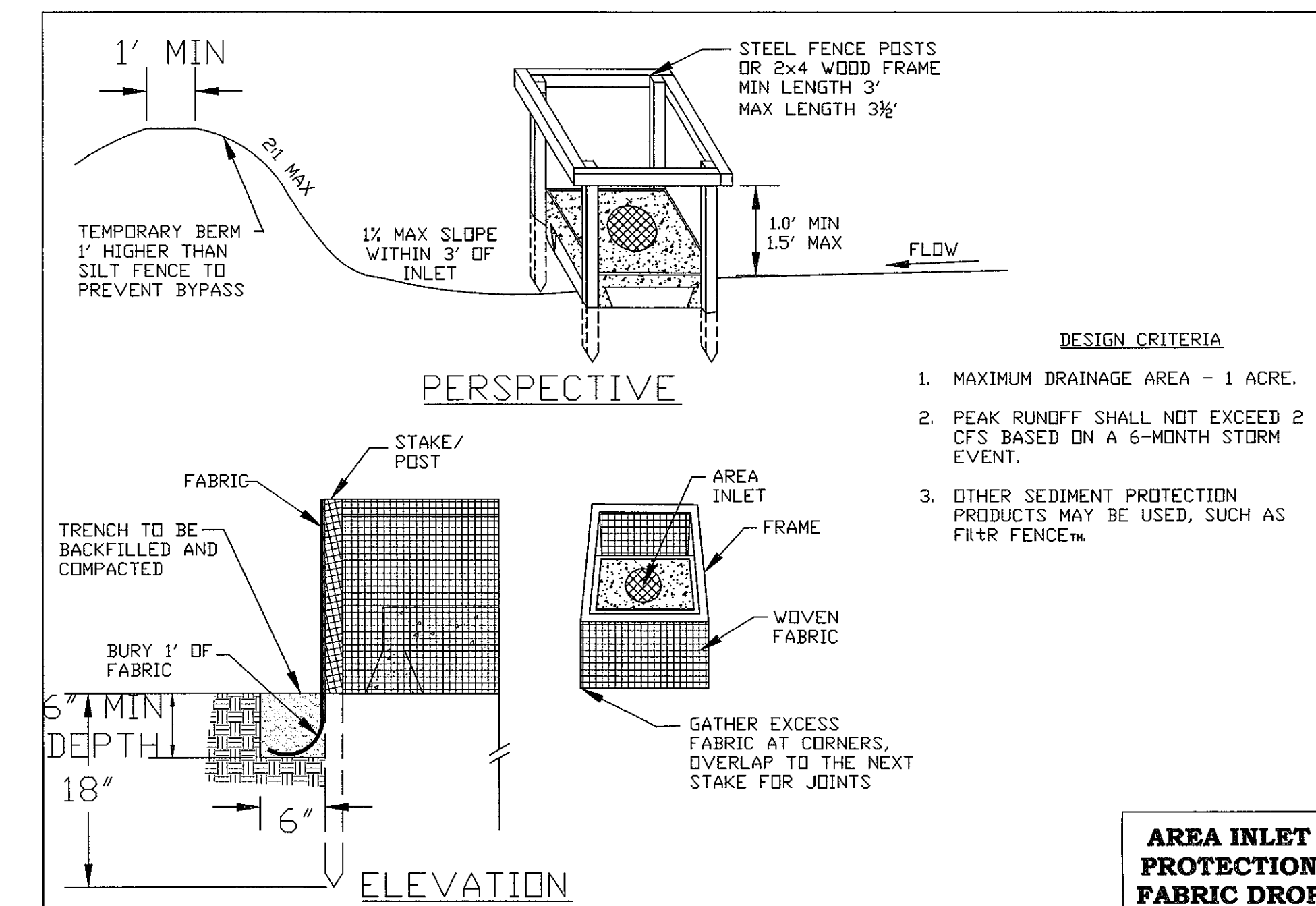
CHECK DAM SPACING	
Ditch Slope	Maximum Spacing
3%	50'
2%	75'



CITY OF O'FALLON
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O'FALLON, MISSOURI

**STRAW BALE
CHECK DAM**

**ENGINEERS SEAL DOES NOT
APPLY TO CITY OF O'FALLON
DETAILS ON THIS SHEET.**



**AREA INLET
PROTECTION
FABRIC DROP**

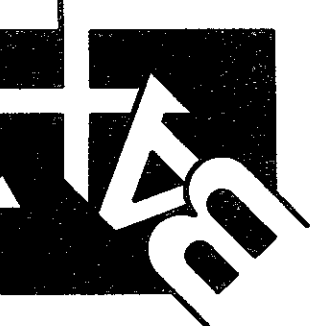
PROJECT TITLE:

VILLAS OF CAPRI

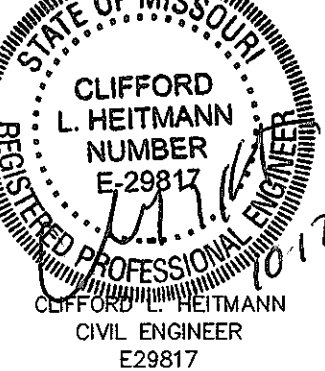
Issue Date: 07/08/2016

ENGINEERING
PLANNING
SURVEYING

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REVISIONS	
09/01/16	CITY COMMENTS
09/30/16	CITY COMMENTS
10/17/16	CITY COMMENTS

Developer / Owner:
Twenty Seven Hundred Forty-365 Group, L.L.C.
429 North Main Street
O'Fallon, MO 63366
636-240-0980

REFERENCE DETAILS

P+Z No. #04-16.03
March 3, 2016
City No. #

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