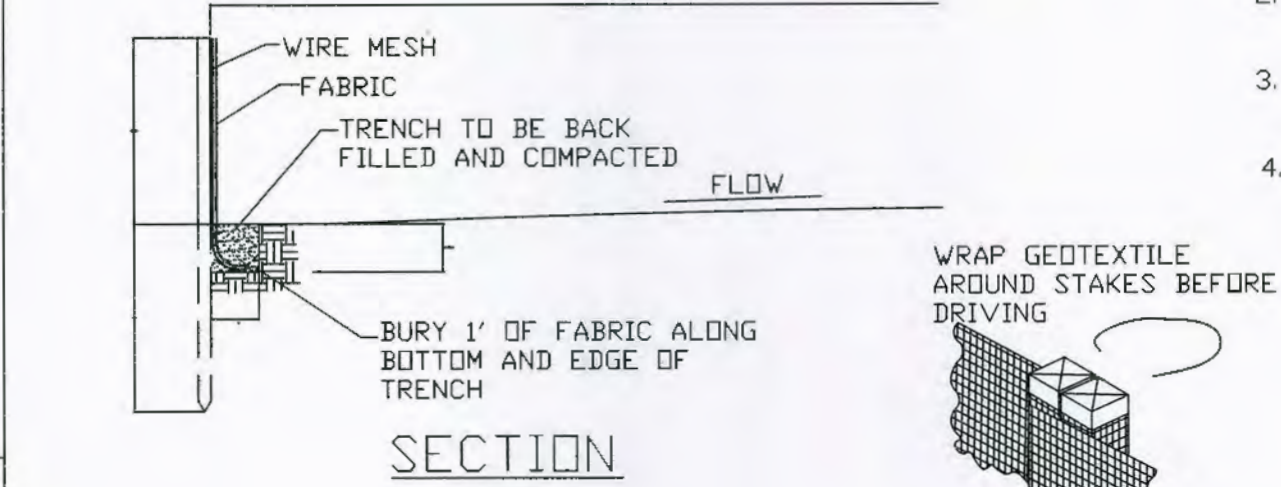
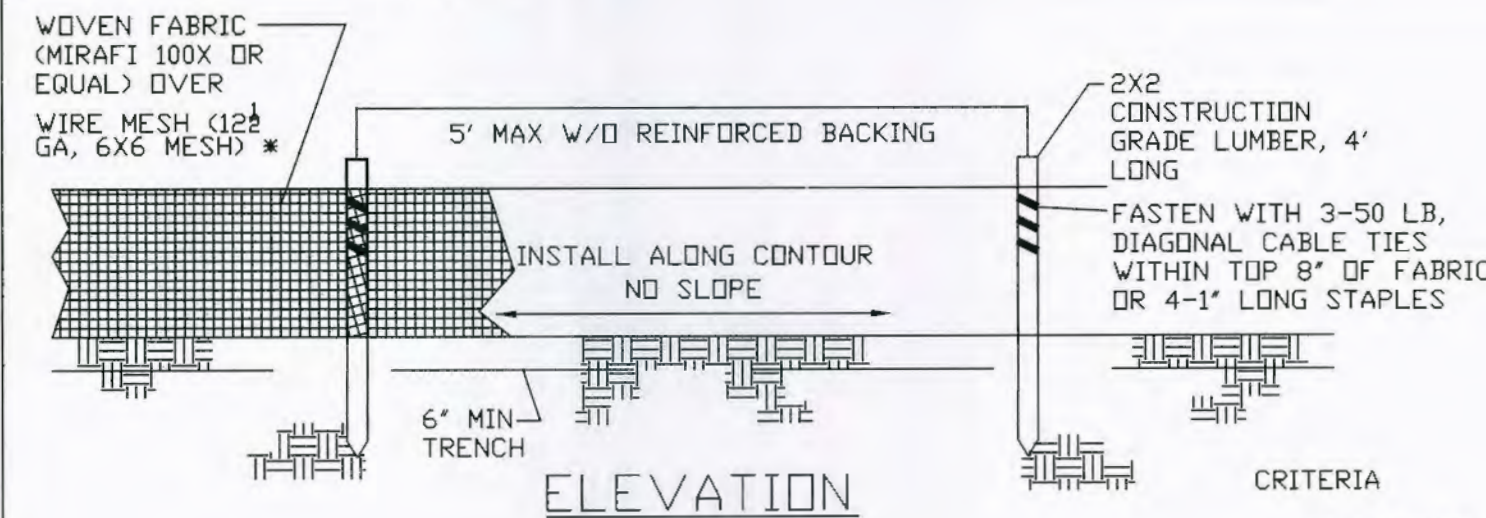


- DESIGN CRITERIA**
- SILT FENCE FOR SHEET FLOW SHALL HAVE A MAXIMUM DRAINAGE AREA OF 1/4 ACRE PER 100 LF.
 - STRAW BALE BARRIERS FOR SHEET FLOW SHALL HAVE MAXIMUM DRAINAGE AREA OF 1/4 ACRE PER 100 LF.
 - REFER TO INDIVIDUAL ESC FIGURE FOR INSTALLATION.
 - TERRACING INCLUDES LOGS, WATTLES & FILTER SOCKS.

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**SPACING CHART
FOR ESC DEVICES**



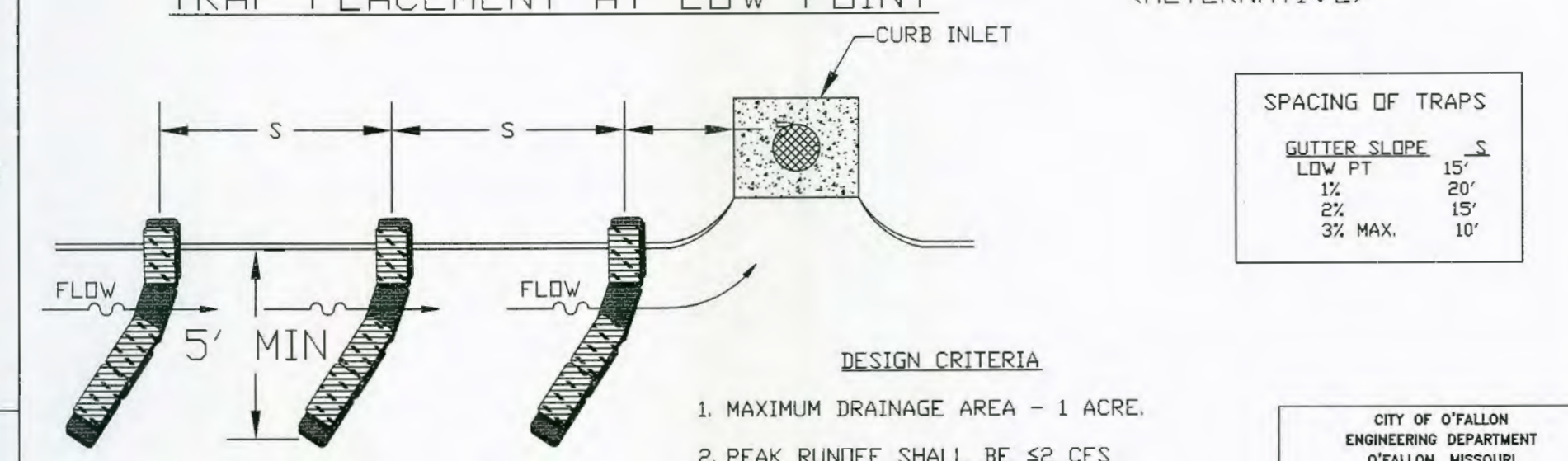
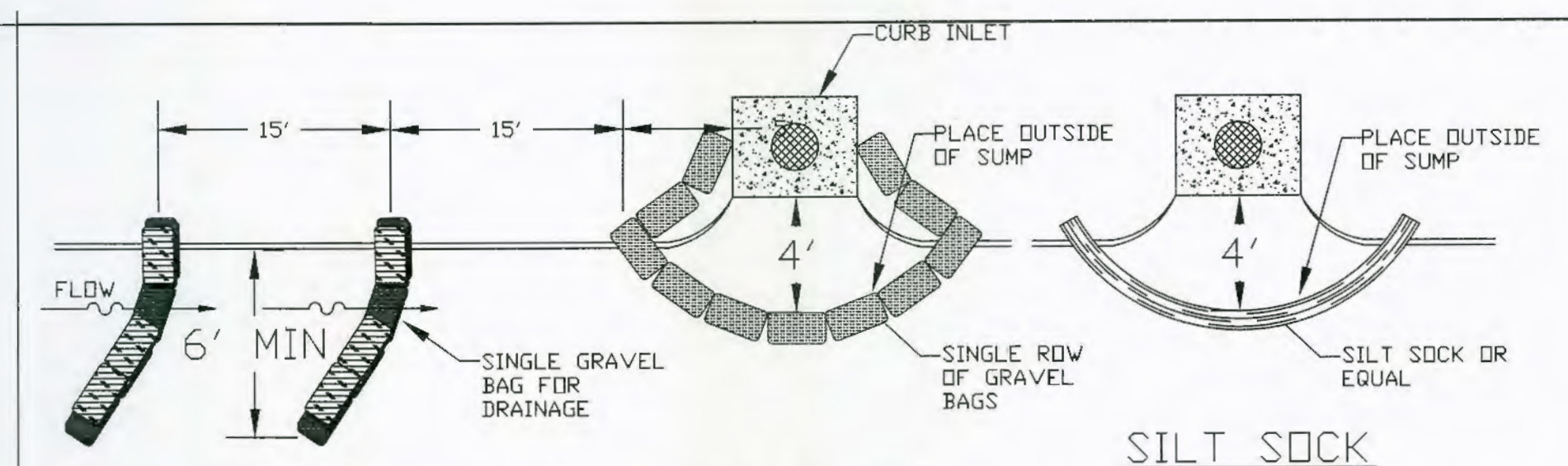
NOTE: IF FABRIC IS INSTALLED BY EQUIPMENT DESIGNED TO SLICE INTO THE GROUND, THE TRENCH IS NOT REQ'D.

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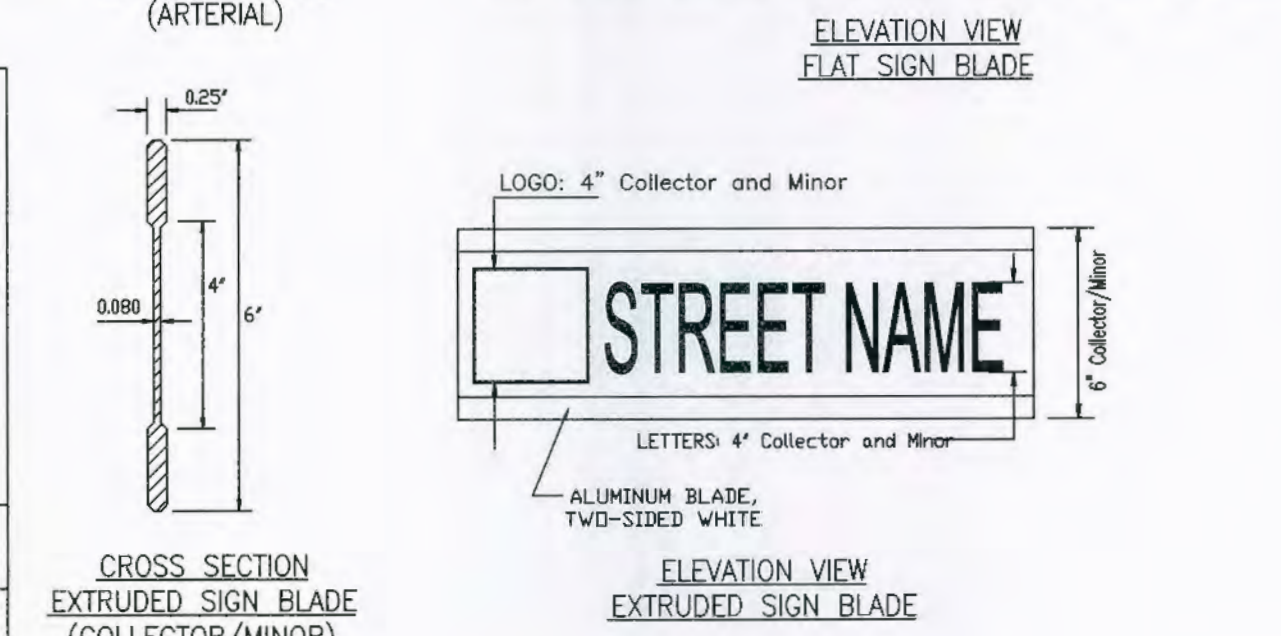
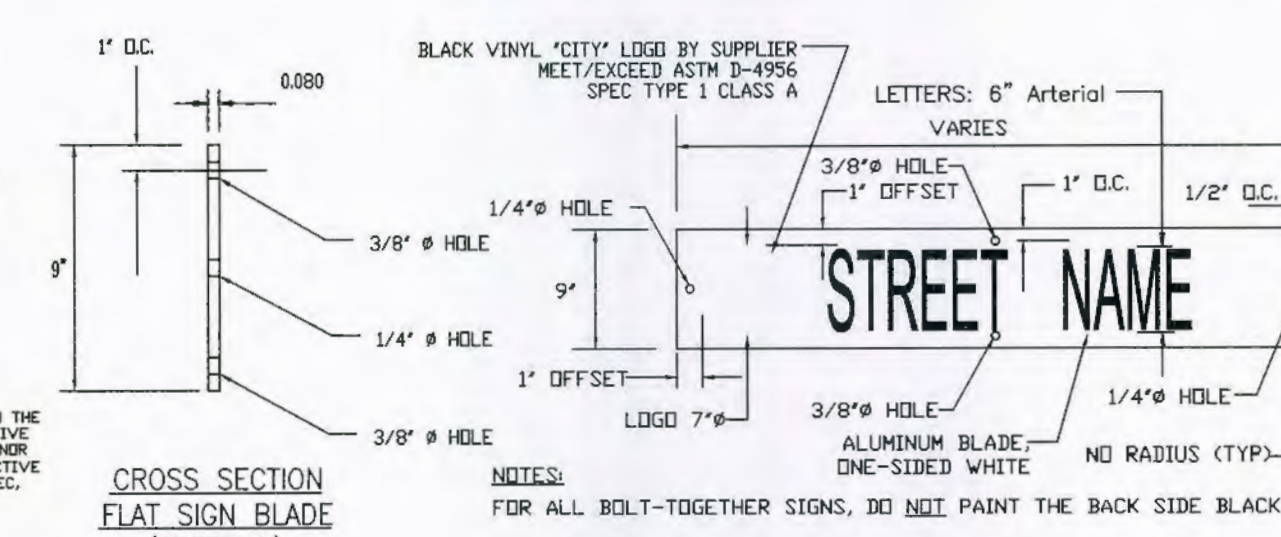
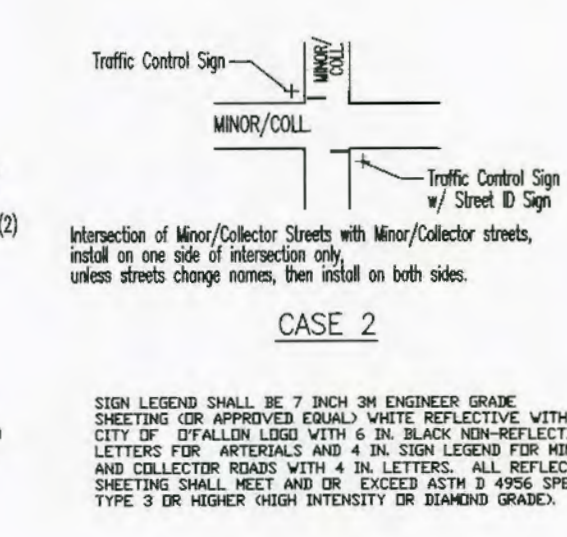
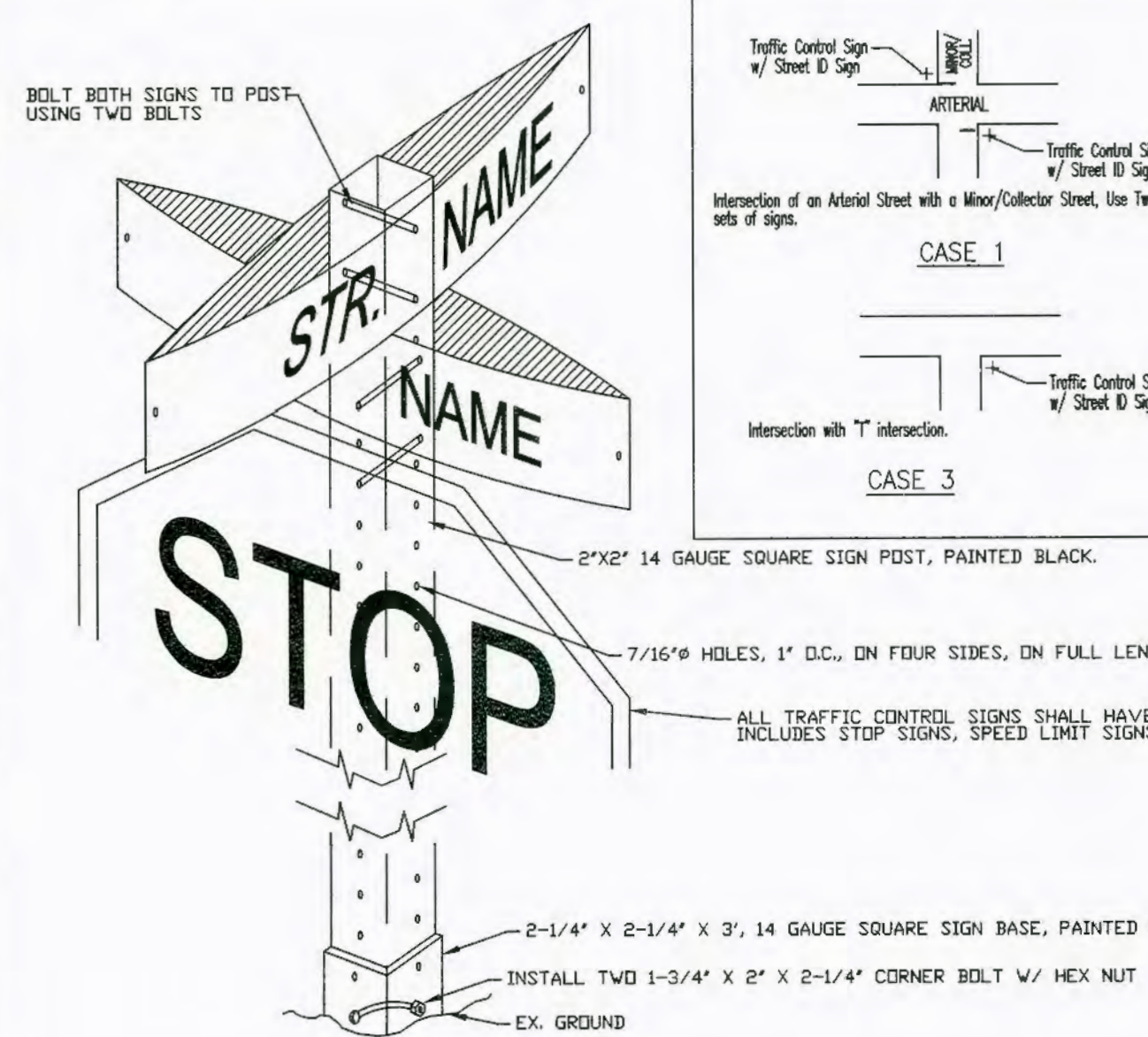
**SILT FENCE INSTALLATION
SHEET FLOW (ONLY)**



- 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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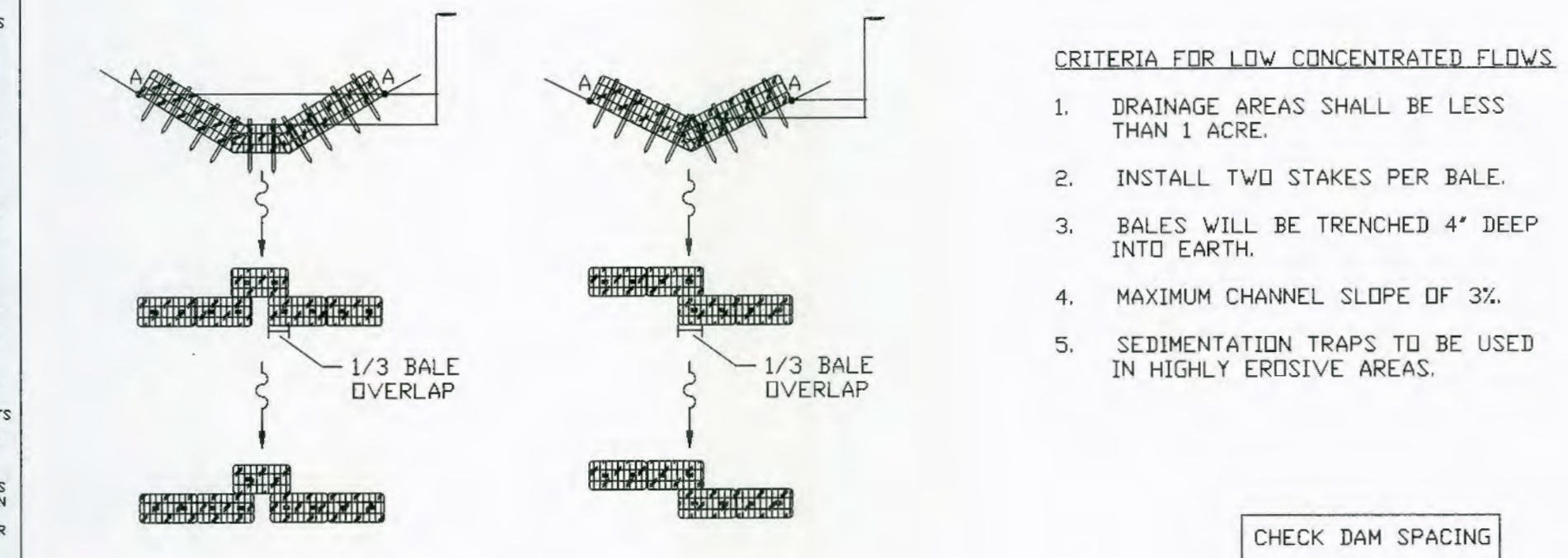
**CURB INLET
PROTECTION**



- GENERAL NOTES**
- ALL SIGN POST AND BACK OF SIGNS THAT ARE TO BE PAINTED BLACK SHALL USE A PAINT SYSTEM THAT PROVIDES A MINIMUM 7 YEAR LIFE EXPECTANCY. MAY USE: 1) CARBOLINE RUBBER BASE OR APPROVED EQUAL, OR 2) CARBOLINE 893 50' MID-LAYER AT 3-5 MILS THICK, CARBOLINE 122 100' TOP COAT AT 3-5 MILS THICK, OR 3) ELECTROSTATIC APPLIED BLACK POWDER COATED AND BASED ON PAINT SYSTEM AT 2-3 MILS THICKNESS OR APPROVED EQUAL.
 - ALL SIGN LOCATIONS AND SIZES MUST BE APPROVED BY THE ENGINEERING DIVISION PRIOR TO INSTALLATION.
 - STREET NAME SIGN PLATES SHALL BE 9 INCHES WIDE FLAT, BOLT TOGETHER FOR ANY ARTERIAL INTERSECTIONS AND 6 INCHES WIDE EXTRUDED ALUMINUM PANELS FOR ALL MINOR AND COLLECTOR ROADS. TYPICAL LENGTHS FOR MINOR AND COLLECTOR SIGNS SHALL BE 24\", 30\"/>

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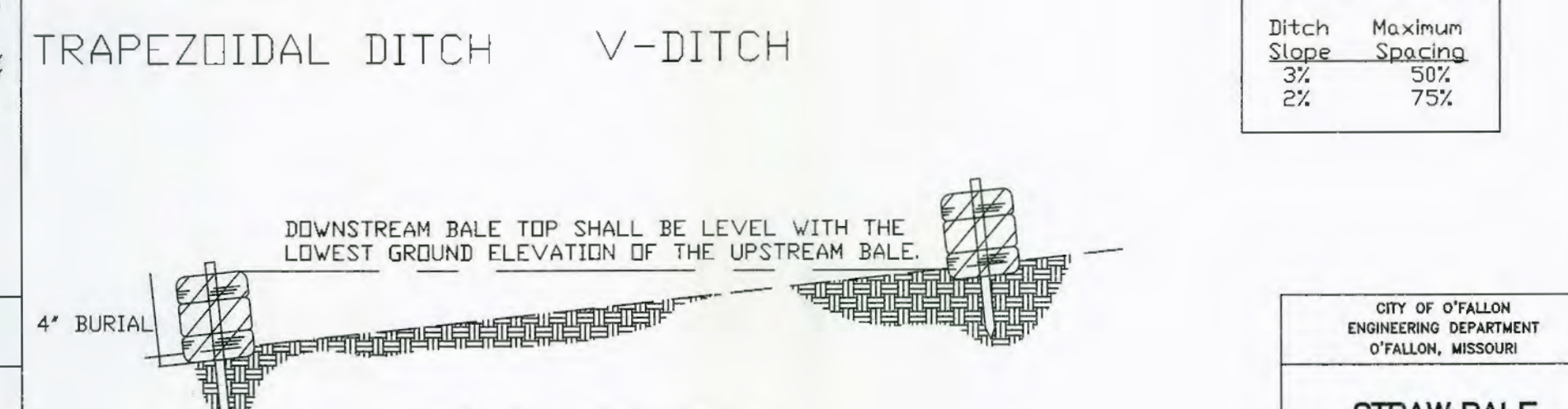
**SIGNS,
DETAILS AND LOCATIONS**



- 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 EROSION AREAS.

CHECK DAM SPACING

Ditch Slope	Maximum Spacing
3%	50'
2%	75'



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O'FALLON, MISSOURI

**STRAW BALE
CHECK DAM**

**ENGINEERING
PLANNING
SURVEYING**

221 Point West Blvd.
St. Charles, MO 63301
636-928-5552
FAX 636-928-1718

DISCLAIMER OF RESPONSIBILITY
I hereby certify that the documents intended to be authenticated by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.

REVISIONS

DATE	REVISIONS
01/06/12	CITY COMMENTS
02/23/12	BID SET

Developer / Owner:
City of O'Fallon Parks Department
Cindy Springer - Director
100 North Main Street
O'Fallon, Missouri 63366
(636) 379-5570

P+Z No. 03-11.01
City No. #
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