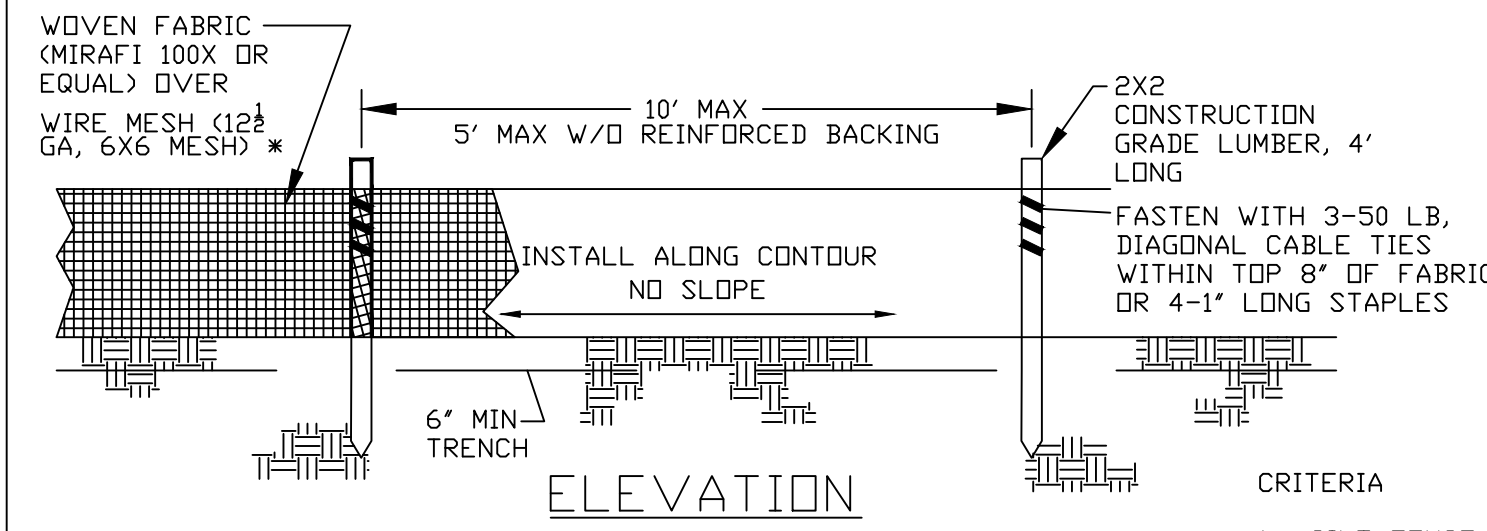


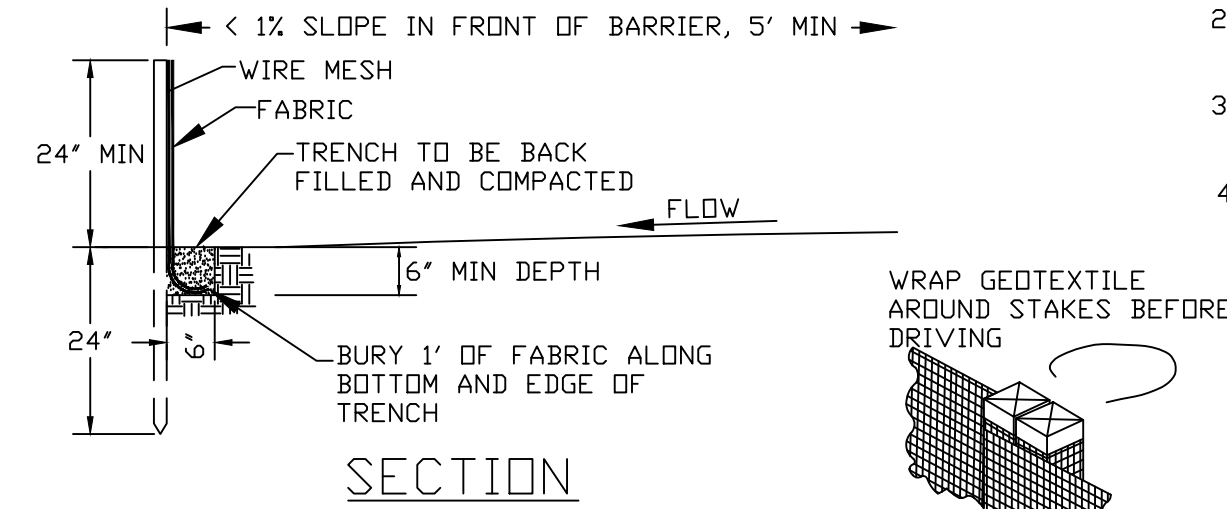
- DESIGN CRITERIA**
1. SILT FENCE FOR SHEET FLOW SHALL HAVE A MAXIMUM DRAINAGE AREA OF 1/4 ACRE PER 100 LF.
 2. STRAW BALE BARRIERS FOR SHEET FLOW SHALL HAVE A MAXIMUM DRAINAGE AREA OF 1/4 ACRE PER 100 LF.
 3. REFER TO INDIVIDUAL ESC FIGURE FOR INSTALLATION.
 4. TERRACING INCLUDES LOGS, WATTLES & FILTER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

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

**SPACING CHART
FOR ESC DEVICES**



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

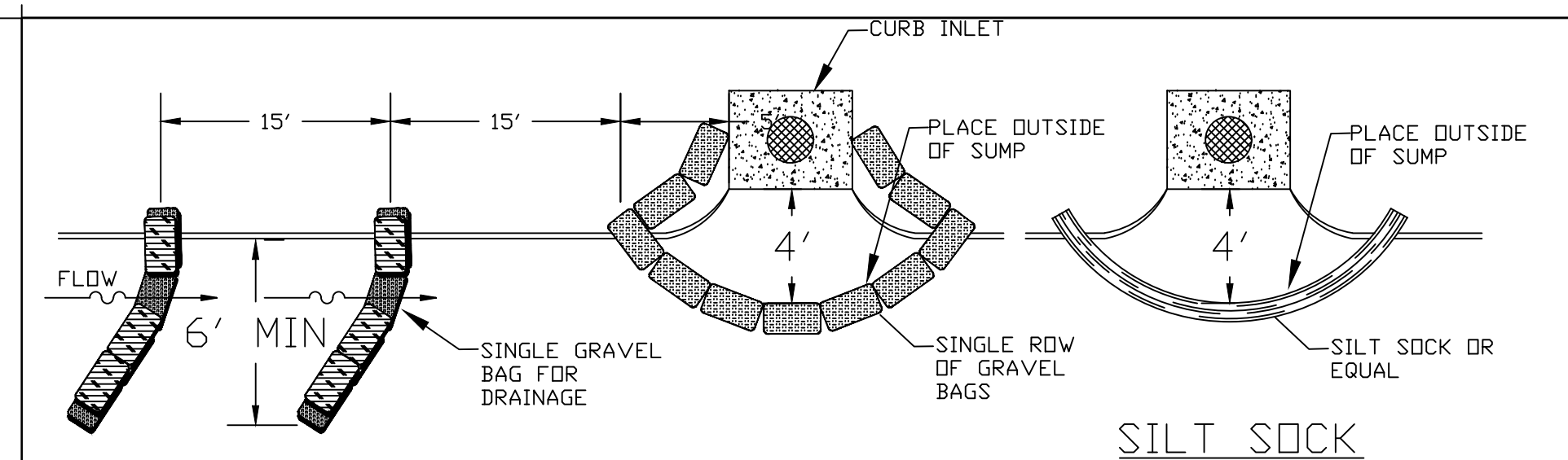


**JOINING SECTIONS OF
SILT FENCE**

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

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

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

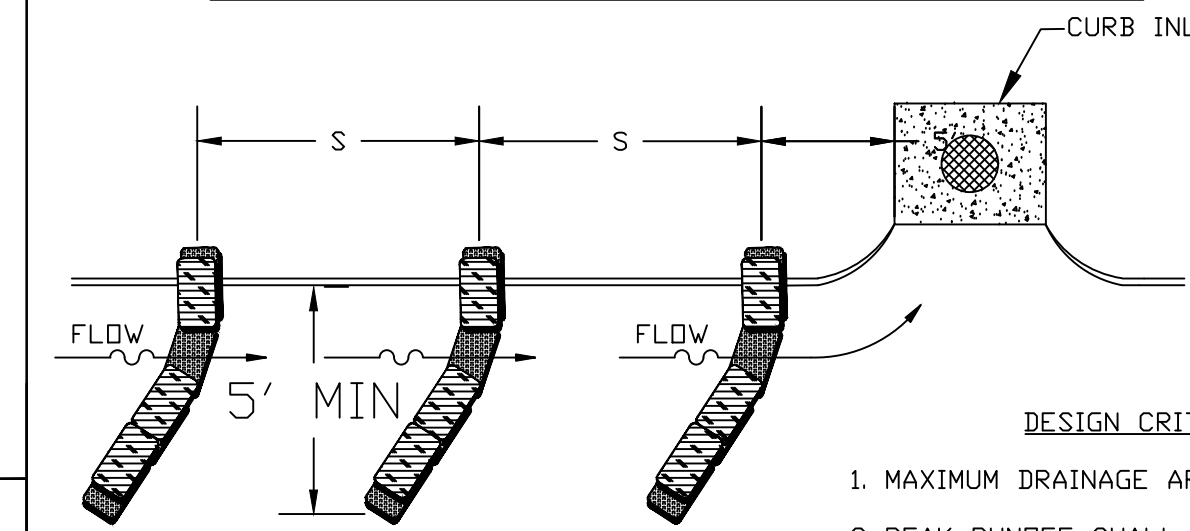


TRAP PLACEMENT AT LOW POINT

**SILT SOCK
(ALTERNATIVE)**

SPACING OF TRAPS

GUTTER SLOPE	15'
LDW FT	20'
1%	15'
2%	15'
3% MAX.	10'

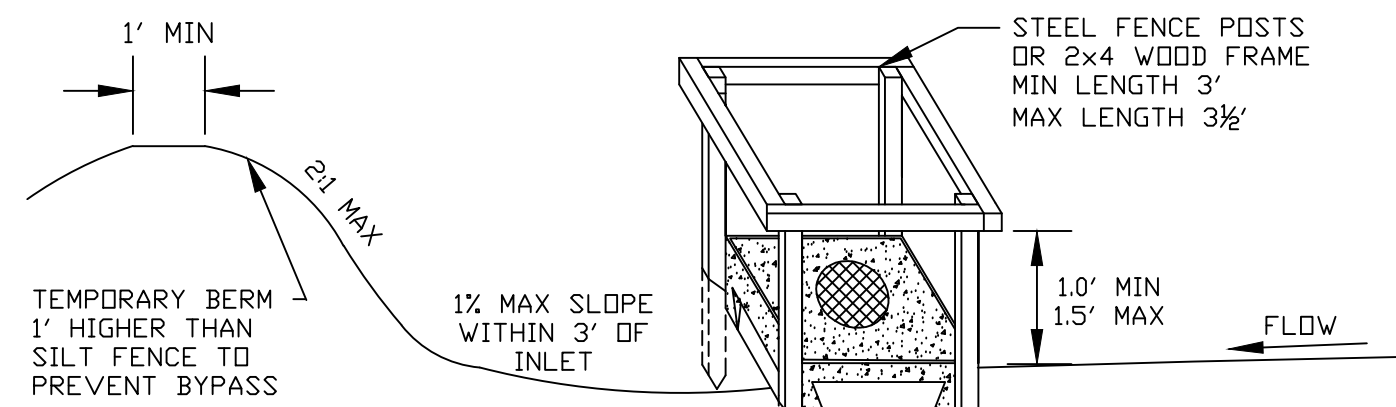


**TRAP PLACEMENT
AT INTERMEDIATE
INLET**

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

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ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

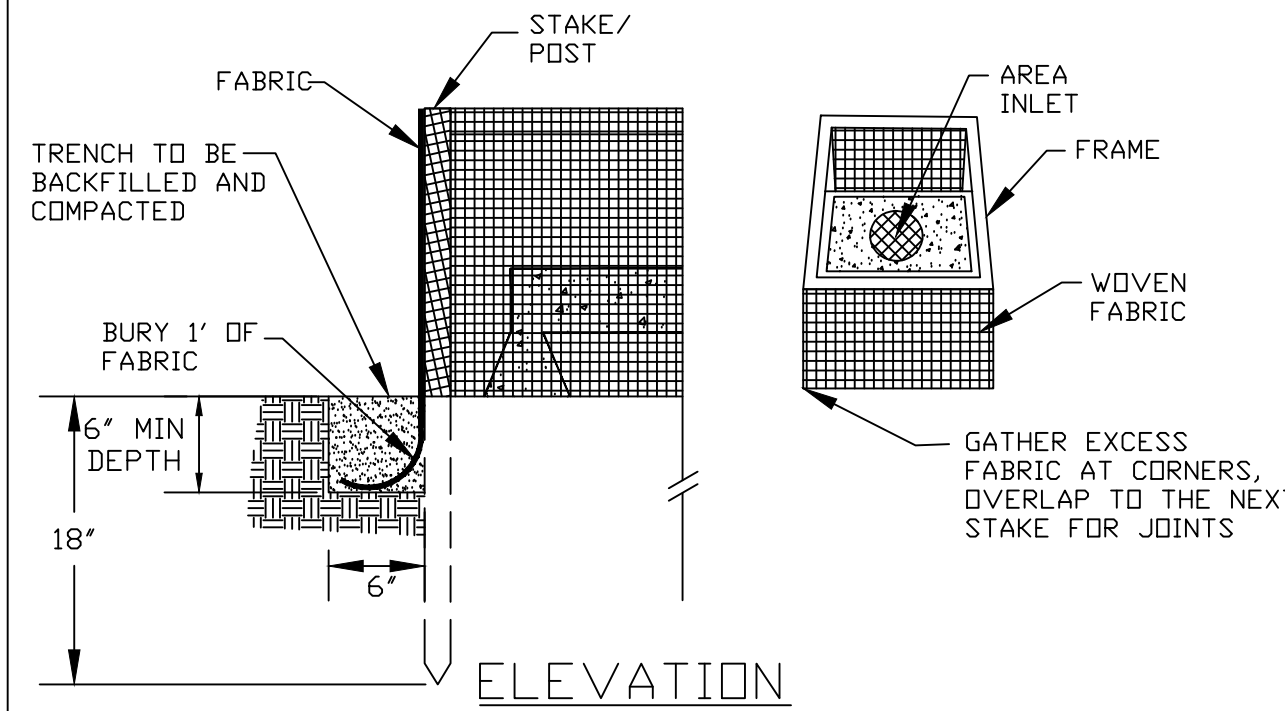
**CURB INLET
PROTECTION**



PERSPECTIVE

DESIGN CRITERIA

1. MAXIMUM DRAINAGE AREA - 1 ACRE.
2. PEAK RUNOFF SHALL NOT EXCEED 2 CFS BASED ON A 6-MONTH STORM EVENT.
3. OTHER SEDIMENT PROTECTION PRODUCTS MAY BE USED, SUCH AS FILTER FENCE™.



ELEVATION

St. Charles County
Erosion & Sediment Controls
Standard Drawings

**AREA INLET
PROTECTION
FABRIC DROP**

DATE: MARCH 2008 DRAWING: ESC-14

**PROJECT TITLE:
PROGRESS WEST LOT 2**

**ENGINEERING
PLANNING
SURVEYING**

221 Point View Blvd.
St. Charles, MO 63301
636-928-5562
FAX 928-1718

DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authorized 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 other than those authorized by my seal.

REFERENCE ONLY

REVISIONS

05-18-22	CITY COMMENTS
06-10-22	CITY COMMENTS
06-30-22	CITY COMMENTS

Developer / Owner:
Davis Family Trust
2209 Droste Rd.
St. Charles, MO 63301

P+Z No. #21-009309
Approval Date: 11/04/21
City No. #

Page No.

C9

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

DETAILS

Box Project # 21-8493 Issue Date: 03/16/2022