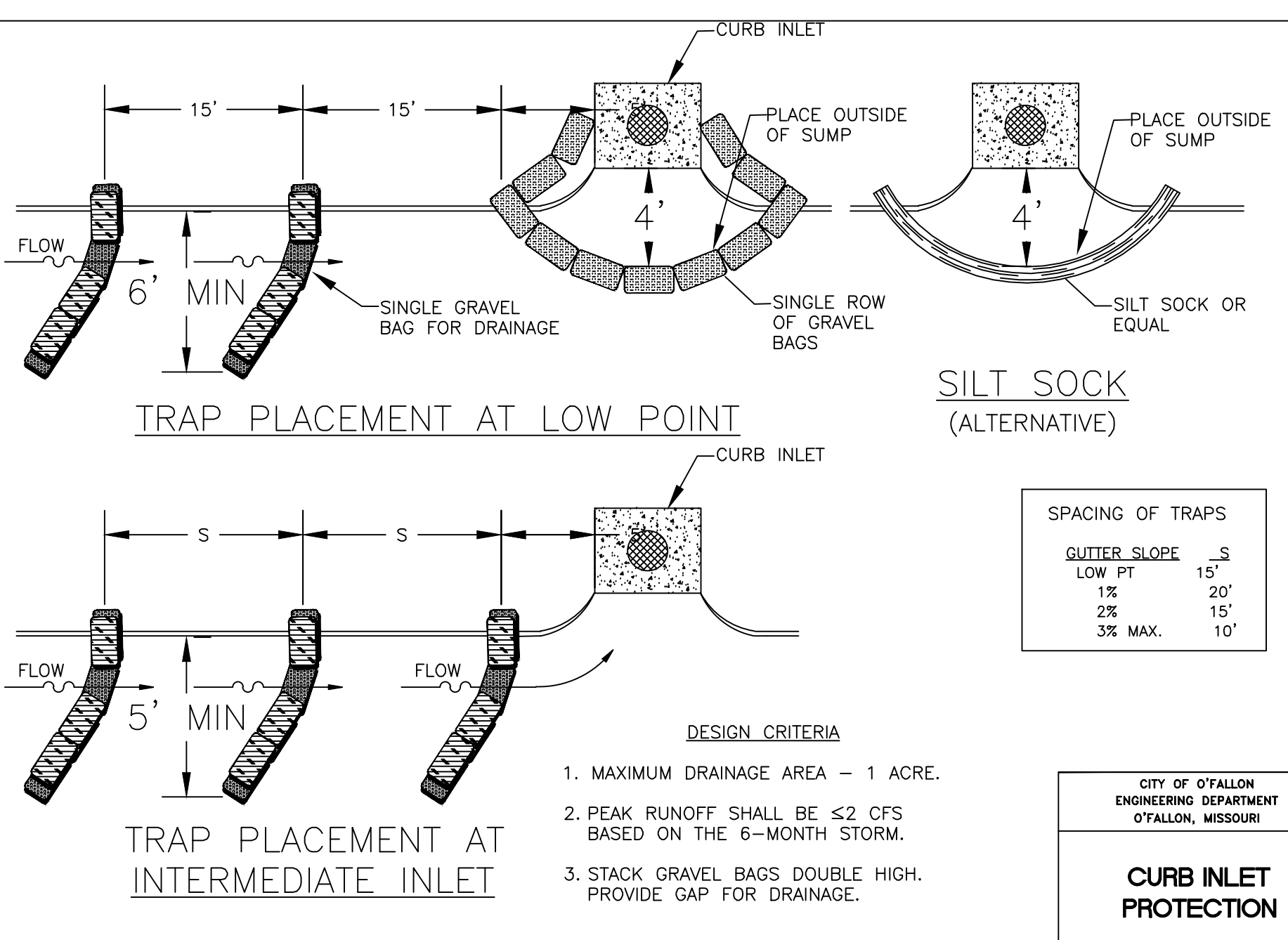


- CRITERIA**
- SILT FENCE SHALL BE 24 INCHES HIGH.
 - SILT FENCE SHALL NOT BE USED FOR CONCENTRATED FLOWS.
 - GEOSYNTHETIC REINFORCED SILT FENCE BACKING MAY BE USED IN LIEU OF WIRE MESH.
 - WIRE MESH WILL BE USED AT LOCATIONS SHOWN ON THE APPROVED SWPPP.

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

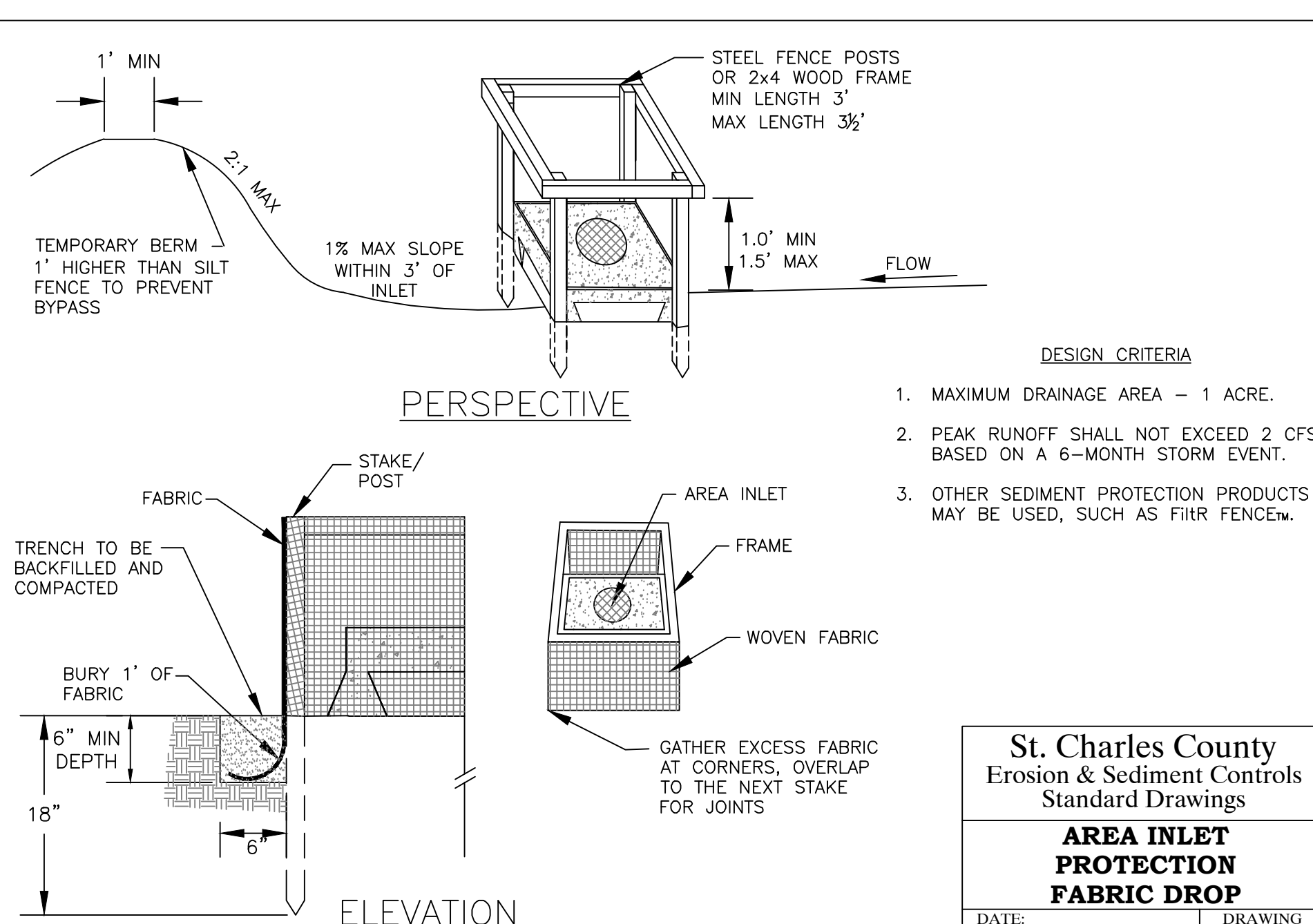
CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

SILT FENCE INSTALLATION SHEET FLOW (ONLY)



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

CURB INLET PROTECTION



St. Charles County
Erosion & Sediment Controls
Standard Drawings

AREA INLET PROTECTION FABRIC DROP

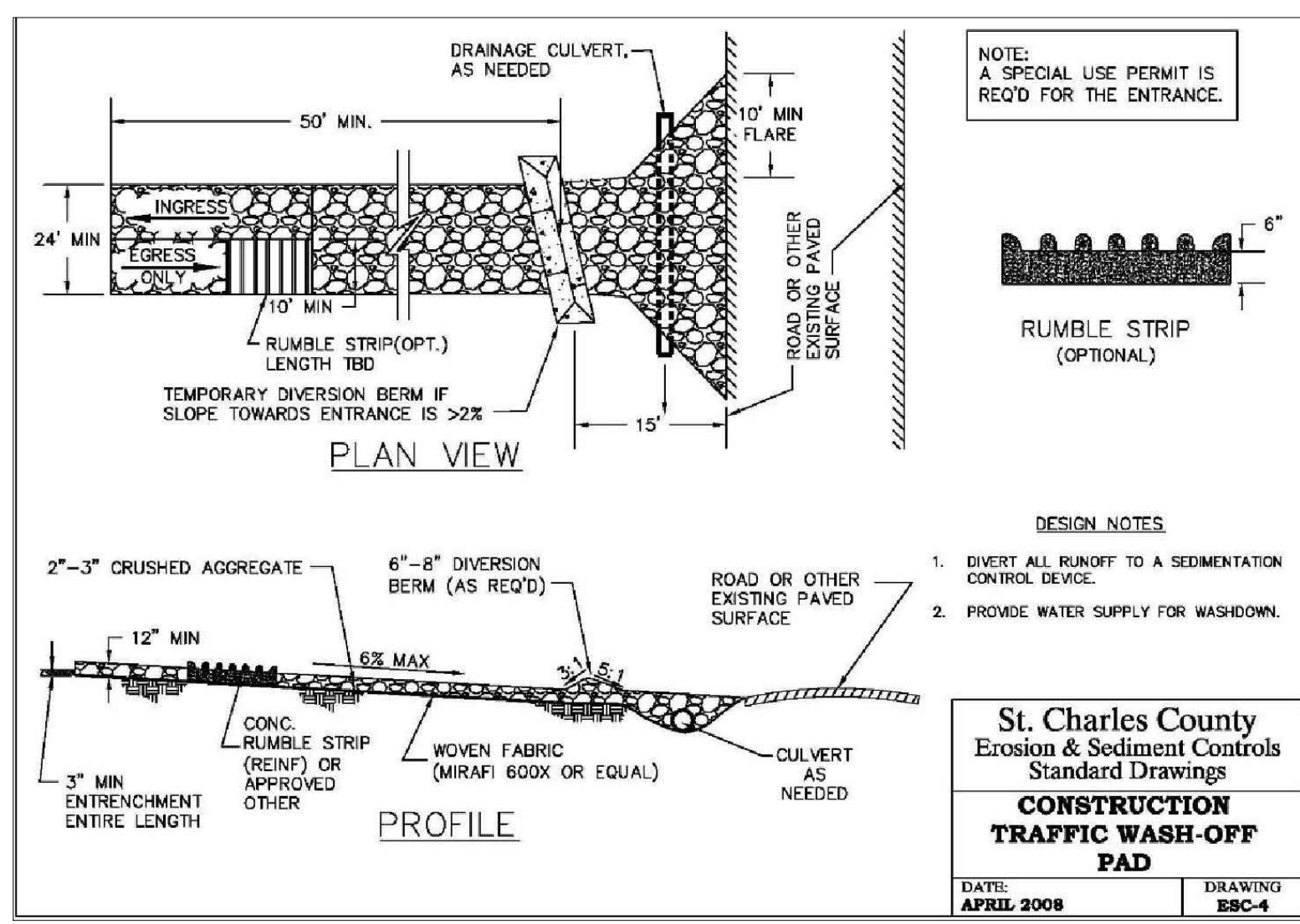
DATE: MARCH 2008

DRAWING: ESC-14

DETAIL #09
SILT FENCE INSTALLATION
N.T.S.

DETAIL #10
CURB INLET PROTECTION
N.T.S.

DETAIL #11
AREA INLET PROTECTION
N.T.S.



DETAIL #12
CONSTRUCTION WASH-OFF PAD
N.T.S.

Table 60-5 Soil Stabilization Schedule

Soil Disturbance Activity or Condition	Required Stabilization Time
Soil disturbance has ceased in areas greater than 2,000 square feet.	14 days
After construction of dikes, swales, diversions, and other concentrated flow areas	5 days
When slopes are steeper than 3 horizontal to 1 vertical	7 days
When slopes are greater than 3% and longer than 150 feet	14 days
Perimeter controls around soil stockpiles.	End of workday
Stabilization or covering of inactive stockpiles.	30 days
When land disturbance is completed, permanent soil stabilization must be installed.	30 days

Table 60-6 Soil Amendment Rates

Soil Amendment Material	Application Rate (Lb per Acre)
Fertilizer Nitrogen (N)	30 ¹
Phosphate (P ₂ O ₅)	50 ¹
Potash (K ₂ O)	50 ¹
Lime	1,000 ²

¹ Increase the rate by 25% for slopes steeper than 5:1.
² Rate is in effective neutralizing material (ENM) units.

Table 60-7 Temporary Fall Seeding

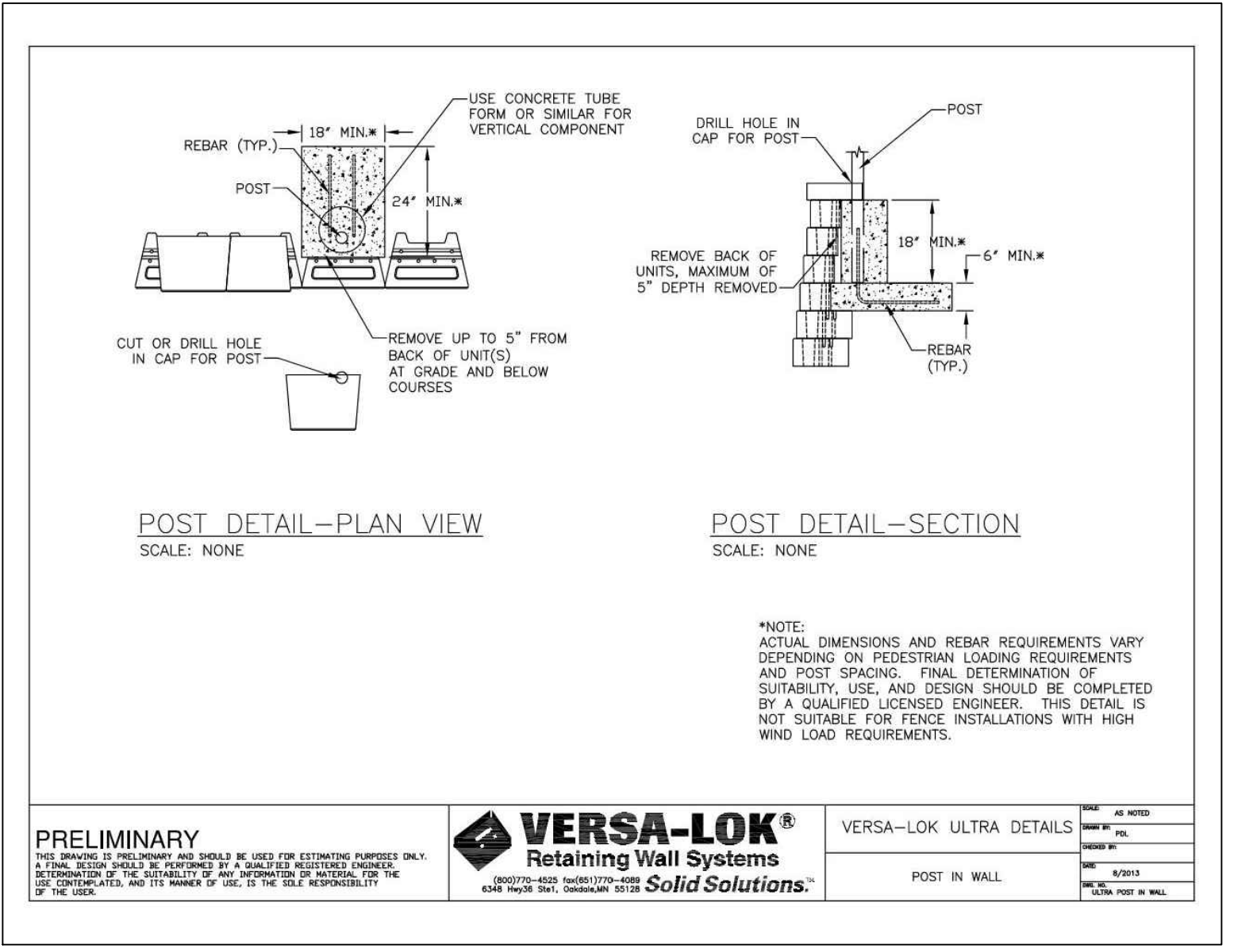
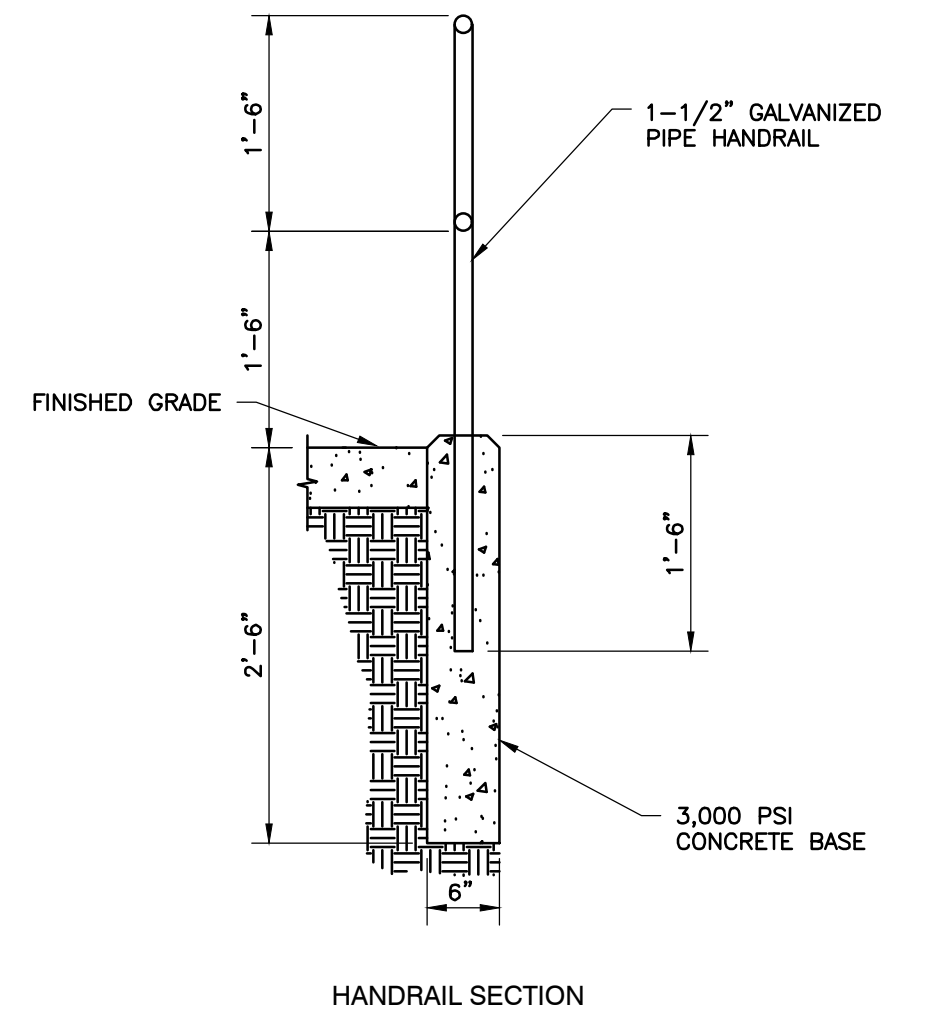
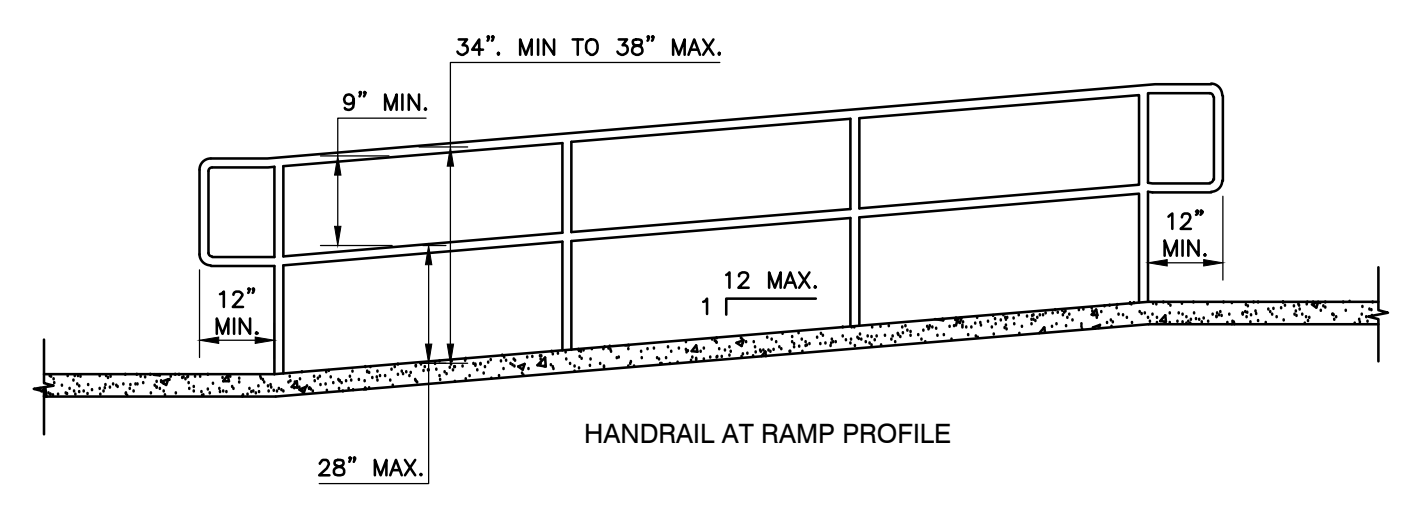
Plant Species	Rate ¹ (lb/acre)	Seeding Times
Side-Oats	65	8/16 - 9/30
Winter Rye	50	8/01 - 10/15
Winter Wheat	60	8/01 - 10/15
Orchard Grass	120	8/01 - 10/15
Perennial Ryegrass	80	8/01 - 10/15
Tall fescue, Smooth Brome	80	8/01 - 10/15
K-31 Fescue	120	9/01 - 11/15
Ladino Clover	2 ²	8/15 - 9/15
Crimson Clover	6 ²	8/15 - 9/15
Orchard Grass and Oats or Rye	15 ² 40 ²	8/15 - 9/15

Table 60-8 Temporary Spring Seeding

Plant Species	Rate ¹ (lb/acre)	Seeding Dates
Winter Rye	50	3/15 - 5/31
Spring Oats	65	3/15 - 5/31
Annual Ryegrass	4 ²	3/15 - 6/15
Sudangrass	16 ²	4/15 - 6/15
K-31 Fescue	30 ²	3/15 - 5/31
Red Clover	2 ²	3/15 - 5/31
Oats	30 ²	3/15 - 5/31

Table 60-9 Mulching Materials

Material	Rate	Requirements	Installation/Uses
Straw	1.5-2.5 tons/acre (3-4 tons, if roller punched)	Dry, unchopped, unweathered; free of weed seeds & rot.	Spread by machine; 1.5-2.5 inches deep; must be tacked or tied down.
Compost Blanket	1" thick		Follow manufacturer's application method.
Wood fiber, wood cellulose, paper	1-2 tons/acre		Use with power mulcher or hydroseeder; may be used to tack straw on steep slopes. Cannot be used in hot dry weather.



STL WHOLESALE
CONSTRUCTION PLANS
CONSTRUCTION DETAILS

A TRACT OF LAND BEING ADJUSTED LOT 14 OF LONESTAR INDUSTRIAL PARK ONE AS RECORDED ON PLAT BOOK 48, PAGE 315, TOWNSHIP 47 NORTH, RANGE 2 EAST, CITY OF O'FALLON, ST. CHARLES COUNTY, MISSOURI

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www.ccecinc.com

DRAWN BY: WTS
CHECKED BY: KAS
APPROVED BY: KAS
PROJECT NO: 320-910001

Owner:
Pinkerton Properties LLC
801 Texas Court
O'Fallon MO 63366
City of O'Fallon Site Plan

P+Z No: 22-012944
Approval Date:
MARCH 2, 2023
City No. 23-003172
Page No.
C801

WILLIAM SCHEIDT, PE
2018007869
PROFESSIONAL CIVIL ENGINEER

