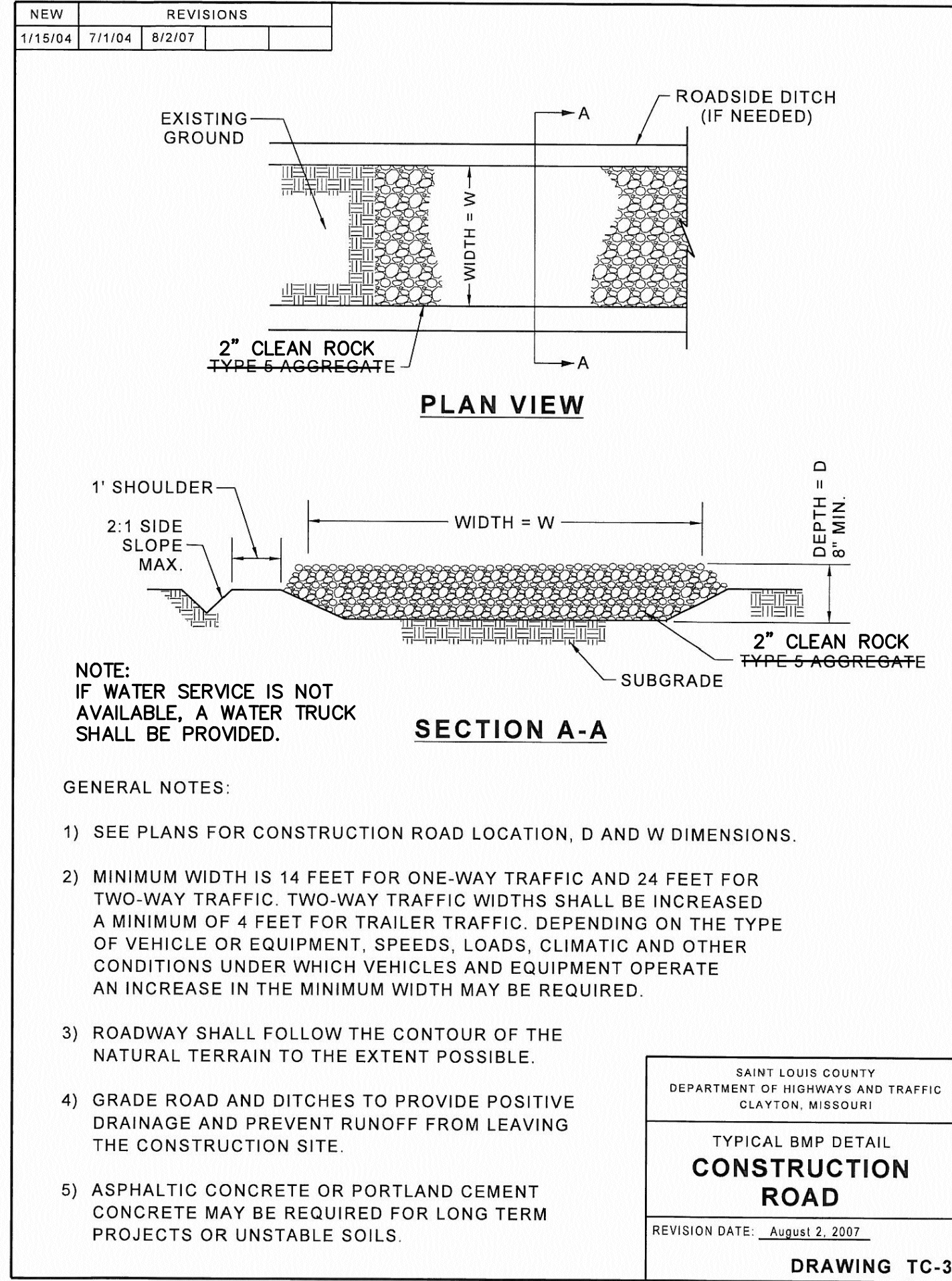
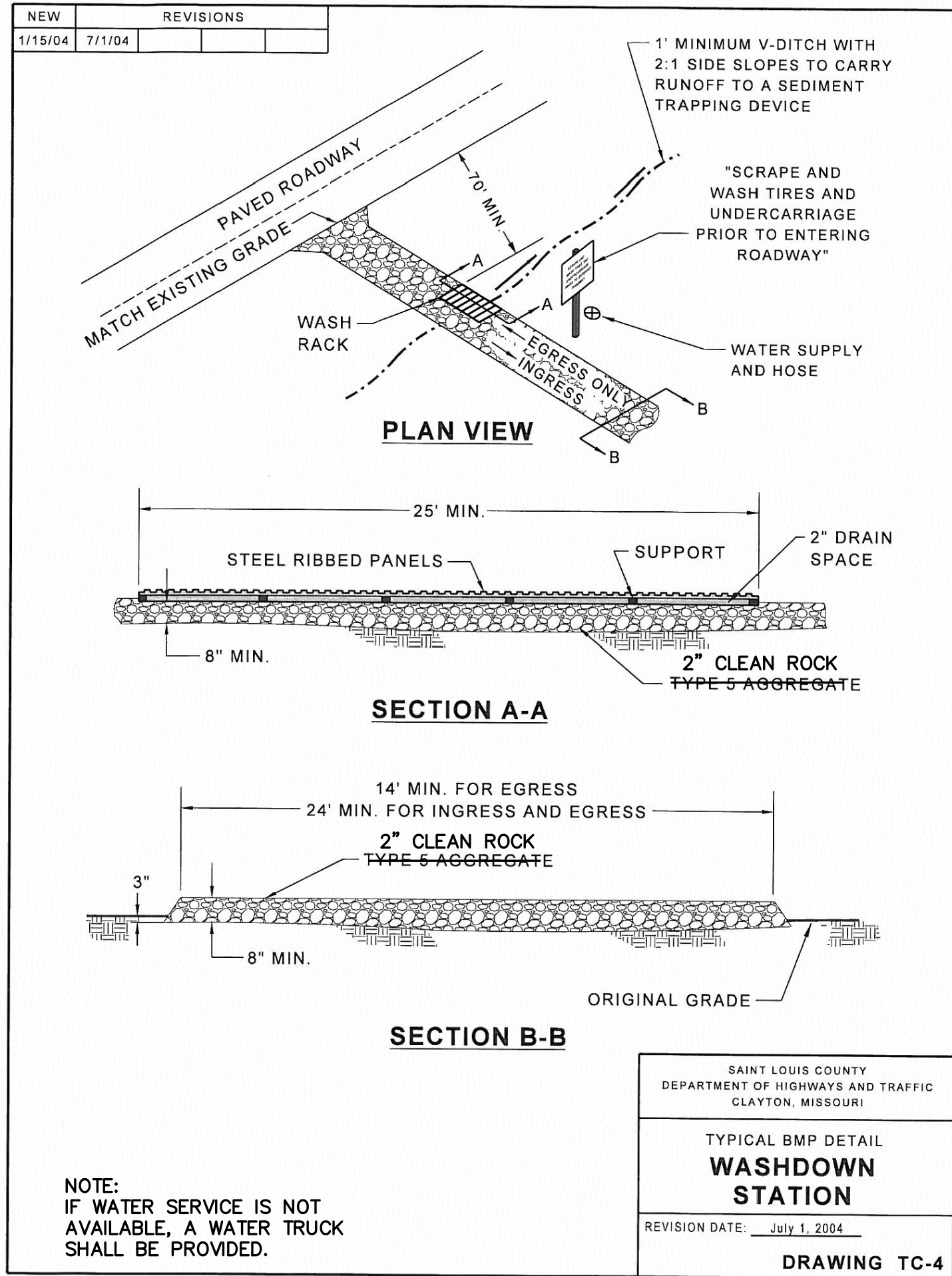
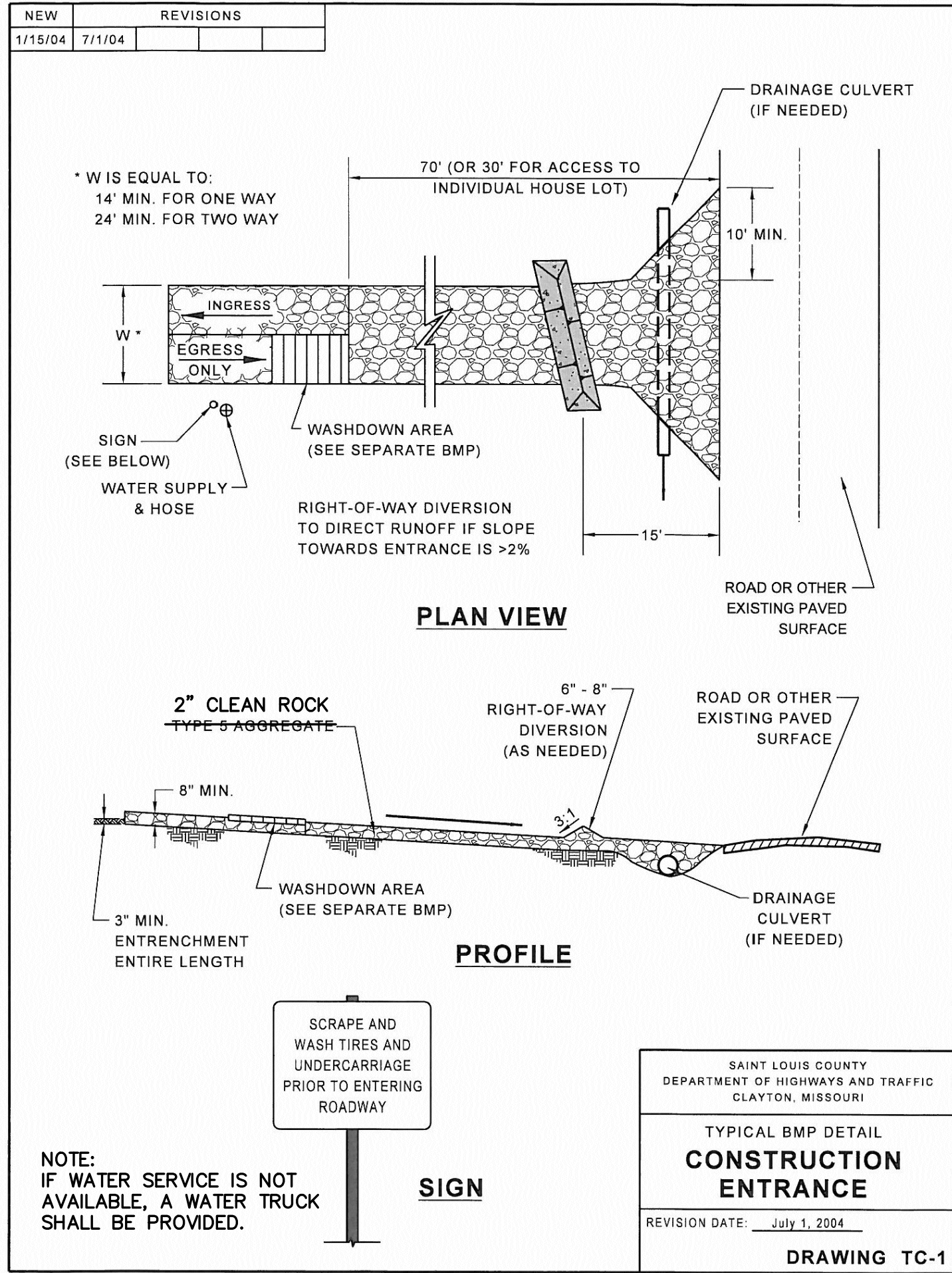


Drawing Name: V:\2008\227 Highway N Assembly\Drawings\Engineering\Improvements\9227 IMP DETAILS.dwg Plotted on: Feb 04, 2025 - 9:28am Plotted by: jblackburn



ISSUE REMARKS/DATE												
1	2024-08-13	INITIAL SUBMITTAL	CITY PH.2									
2	2024-11-08	REVISED PER CITY COMMENTS										
3	2024-01-03	REVISED PER CITY COMMENTS										
4	2024-02-04	REVISED PER CITY COMMENTS										

SEEDING REQUIREMENTS												
Dates for Seeding												
Permanent Seeding	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Tall Fescue			O	O	O			O	O			
Smooth Brome			O	O	O			O	O			
Fescue & Brome			O	O	O	O		O	O			
Fescue, Rye & Bluegrass	A	A	O	O	O	P	P	O	O	P	P	A
Temporary Seeding	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Rye or Sudan	A	A	O	O	O	O	O	O	O	O	A	A
Oats		A	O	O		O	O		O			

O = Optimum seeding dates
A = Acceptable seeding dates
P = Permitted seeding dates with reseeding 2 months later. Initially use 50% of seed and 75% of fertilizer. Reseed with additional 75% seed and remaining fertilizer.

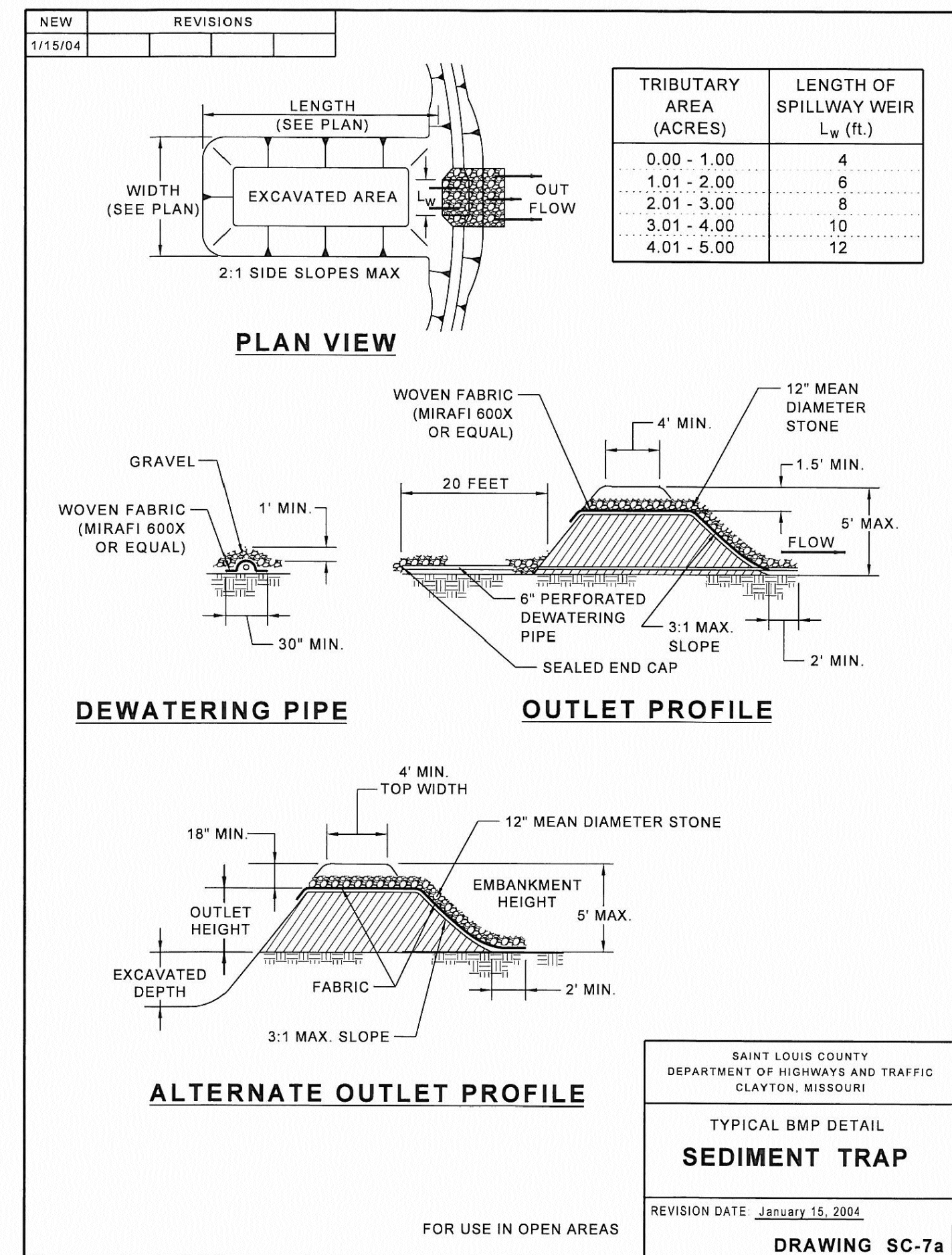
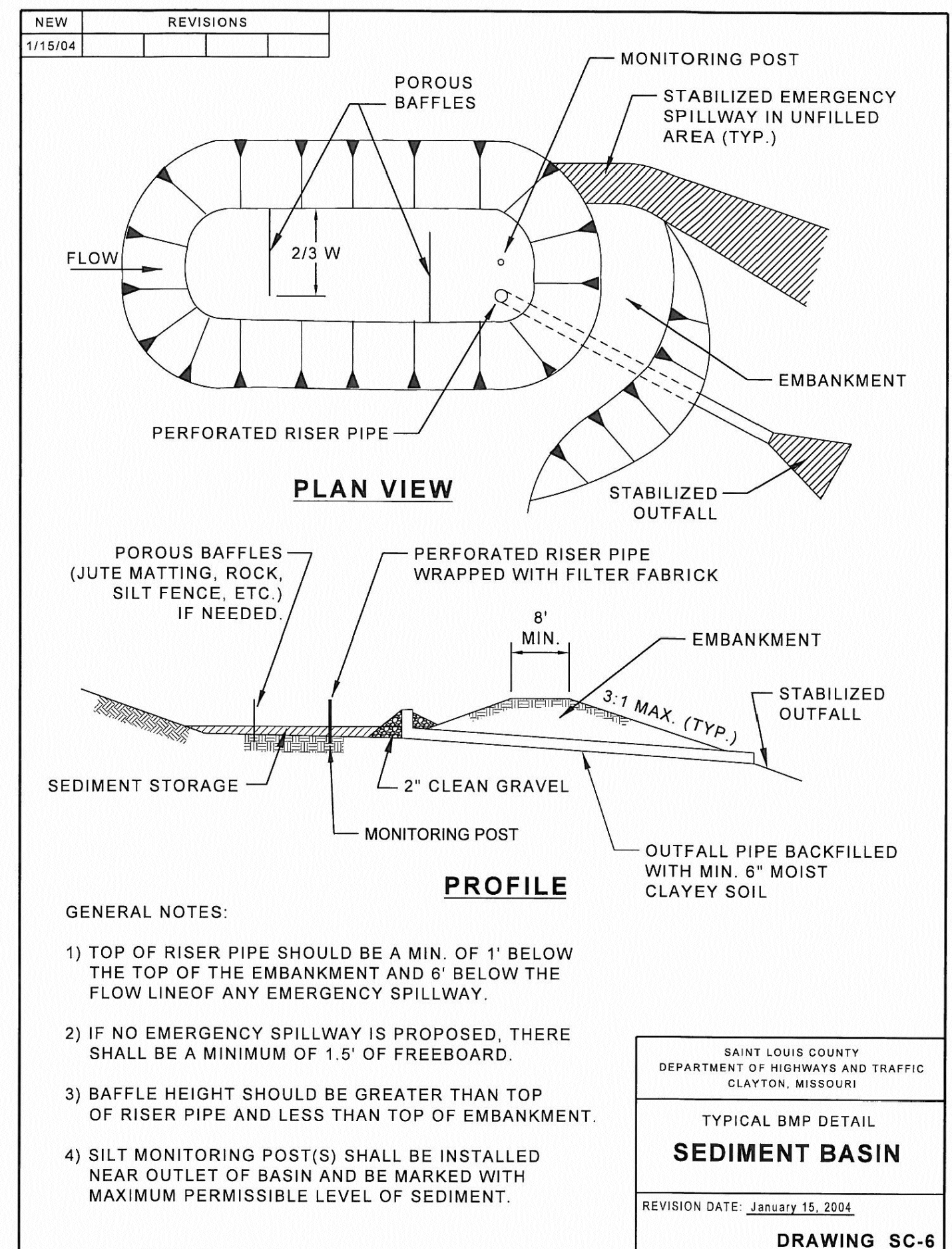
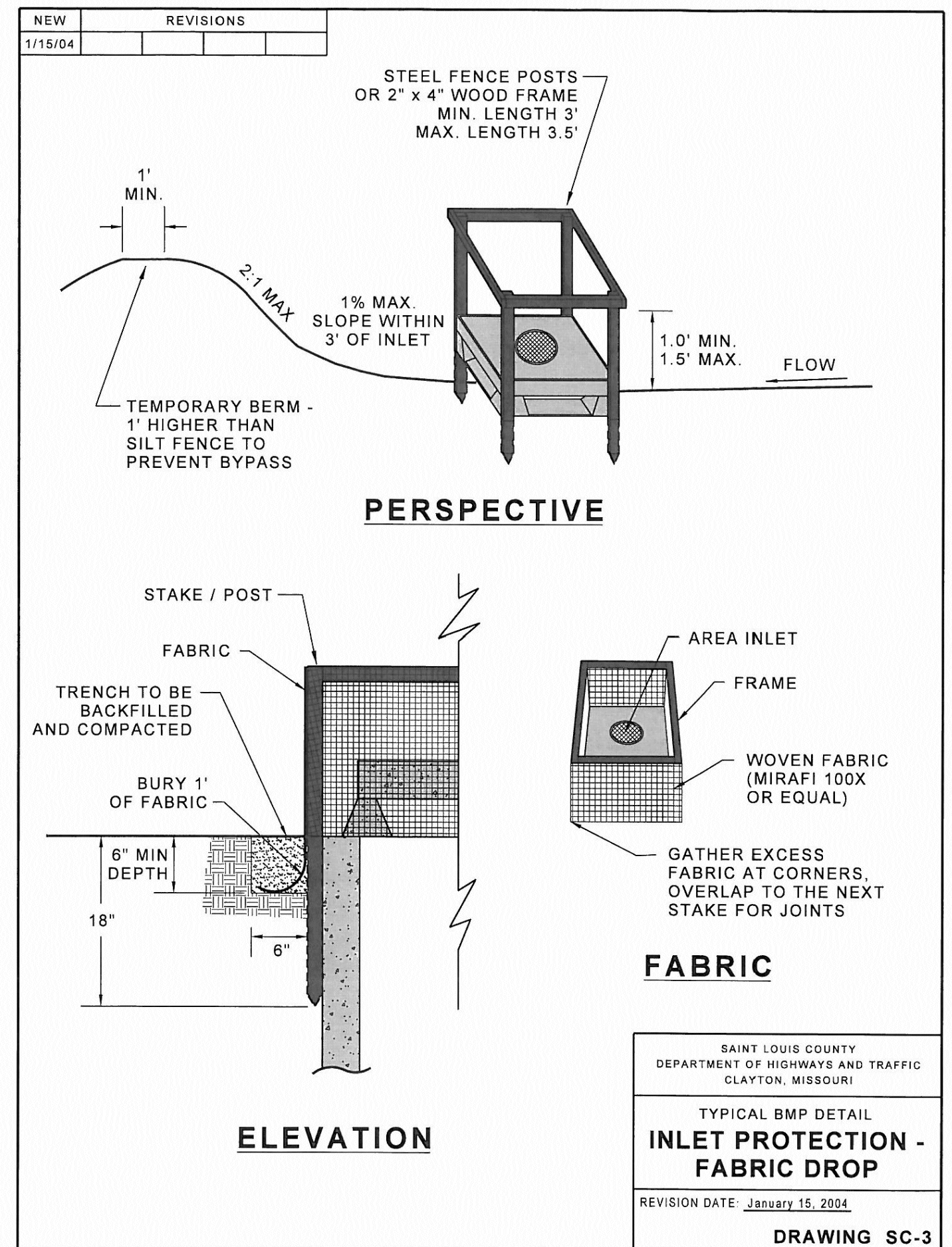
Minimum Fertilizer and Seeding Rates		
Permanent Seeding*	Pounds per acre	Pounds Per 1000 sq ft.
Tall Fescue	300	70
Smooth Brome	200	48
Mixture # 1	250	57
Mixture # 2	210	48

Mixture # 1 = Tall Fescue @150 pounds per acre and Brome @100 pounds per acre.
Mixture # 2 = Tall Fescue @100 pounds per acre, Perennial Rye grass @100 pounds per acre, and Kentucky Blue grass @10 pounds per acre.
* = Seeding rate for slopes in excess of 20%(5:1), shall be 10 pounds per 1000 sq ft.

Temporary Seeding	Pounds per acre	Pounds Per 1000 sq ft.
Rye or Sudan	150	3.5
Oats	200	2.5

Fertilizer	Permanent Seeding (pounds per acre)	Temporary Seeding (pounds per acre)
Nitrogen	45	30
Phosphate	65	30
Potassium	65	30
Lime - ENM	600	600

ENM = Effective neutralizing material per State evaluation of quarried rock.



PROJECT TITLE

**HARVEST
AT HOPEWELL**

O'Fallon, Missouri

O'FALLON PHASE 2

THE **STERLING** CO.
ENGINEERS & SURVEYORS
5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-8944
www.sterling-eng-survey.com
Corporate Certificate of Authority #001348

Date: 02-04-2025
Michael G. Boerding
License No. MO E-28643
Professional Engineer

EROSION CONTROL DETAILS

HARVEST HOPEWELL, LLC
5091 New Baumgartner Road
St. Louis, Missouri 63129

P+Z No. 21-004994
City No. 21-011444
Date: 02-04-2025
Job No. 20-09-327

Page No.

DTL-2

IMP

"FINAL PLAN" Approval Date: Dec. 16, 2021