

Table 60-6 Soil Amendment Rates

| Soil Amendment Material | Application Rate (Lb per Acre)             |                 |
|-------------------------|--|-----------------|
| Fertilizer              | Nitrogen (N)                               | 30 <sup>1</sup> |
|                         | Phosphate (P <sub>2</sub> O <sub>5</sub> ) | 90 <sup>1</sup> |
|                         | Potash (K <sub>2</sub> O)                  | 90 <sup>1</sup> |
| Lime                    | 1,000 <sup>2</sup>                         |                 |

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

Table 60-9 Mulching Materials

| Material                          | Rate  | Requirements   | Installation/Uses  |
|-----------------------------------|---|--|--|
| Straw                             | 1.5-2.5 tons/ac (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                                      | Double the application rate for embankments            | Follow manufacturer's application method.  |
| Wood fiber, wood cellulose, paper | 1-2 tons/ac                                   | Double the application rate in critical areas          | Use with power mulcher or hydroseeder; may be used to tack straw on steep slopes. Cannot be used in hot dry weather. |

Table 60-7 Temporary Fall Seeding

| Plant Species                 | Rate <sup>1</sup> (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 <sup>2</sup>                     | 8/15 - 9/15   |
| Crimson Clover                | 6 <sup>2</sup>                     | 8/15 - 9/15   |
| Orchard Grass and Oats or Rye | 15 <sup>2</sup><br>40 <sup>2</sup> | 8/15 - 9/15   |

<sup>1</sup>If using aerial seeding or other broadcast method to apply seed without rolling or culti-packing, increase seeding rates by 50 percent.

<sup>2</sup>Pure live seed (PLS)

Table 60-8 Temporary Spring Seeding

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

<sup>1</sup>If using aerial seeding or other broadcast method to apply seed without rolling or culti-packing, increase seeding rates by 50 percent.

<sup>2</sup>Pure live seed (PLS)

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                     |

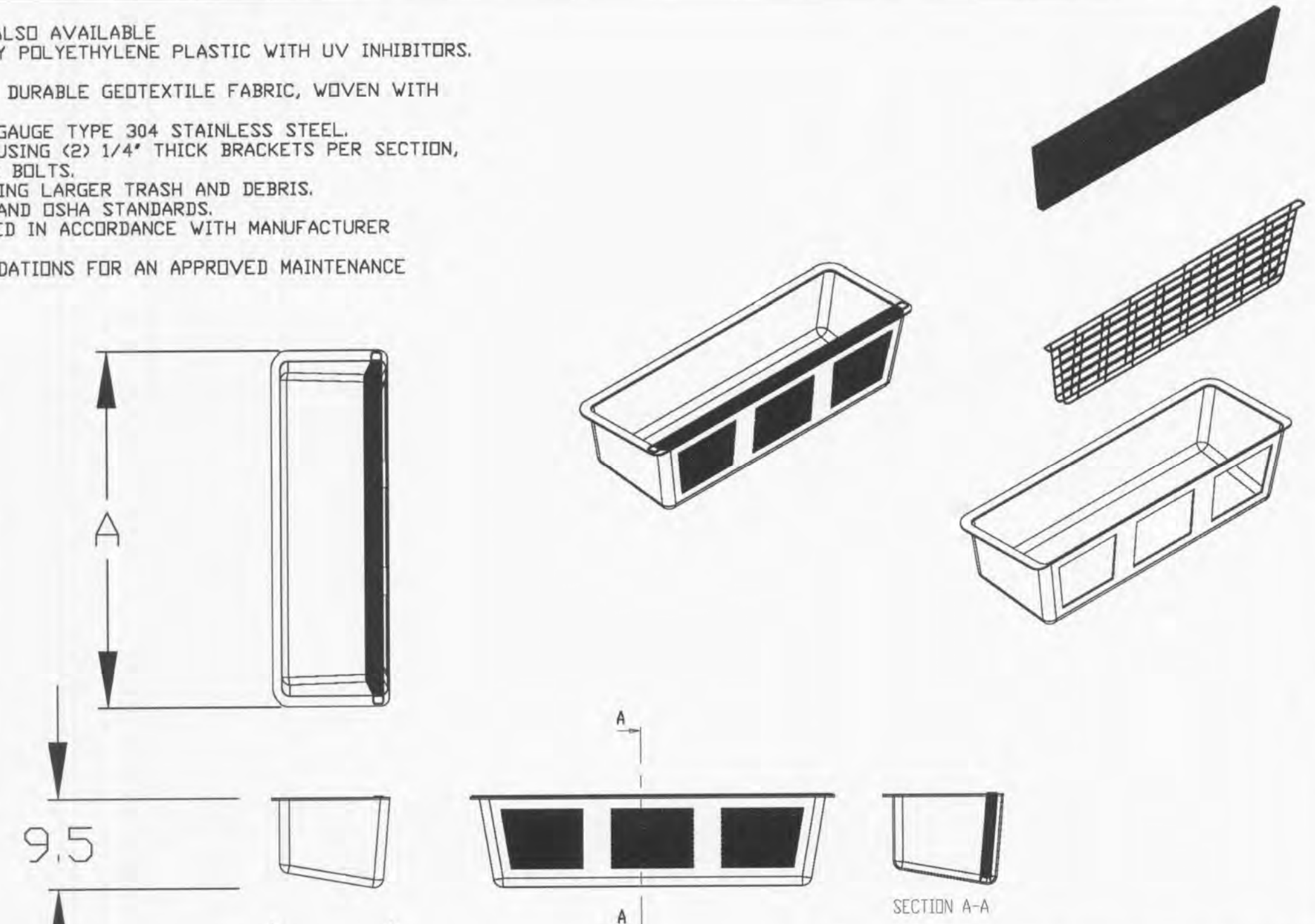
PERMANENT SEEDING SPECIFICATIONS SHALL CONFORM TO NRCS CONSERVATION PRACTICE STANDARD & SPECIFICATIONS FOR SEEDING.

CODE 340 "COVER CROP"  
 CODE 342 "CRITICAL AREA PLANTING"  
 CODE 484 "MULCHING"  
 CODE 590 "NUTRIENT MANAGEMENT"  
 CODE 723 "VEGETATION ESTABLISHMENT, HERBACIOUS SEEDING"

NOTES  
 1. ALL DIMENSIONS ARE IN FEET. CUSTOM SIZES ALSO AVAILABLE.  
 2. UNITS ARE CONSTRUCTED FROM HIGH DENSITY POLYETHYLENE PLASTIC WITH UV INHIBITORS. OVER 40% RECYCLED CONTENT.  
 3. DISPOSABLE MEDIA-PAK IS CONSTRUCTED OF DURABLE GEOTEXTILE FABRIC, WOVEN WITH PERFORATED POLYPROPYLENE.  
 4. MEDIA-PAK CAGE IS CONSTRUCTED USING 8 GAUGE TYPE 304 STAINLESS STEEL.  
 5. FILTER BODY IS SECURED TO INSIDE WALL USING (2) 1/4" THICK BRACKETS PER SECTION, ATTACHED USING 3/8" X 3" EXPANSION ANCHOR BOLTS.  
 6. OPTIONAL "STORMWEB", DESIGNED FOR CAPTURING LARGER TRASH AND DEBRIS.  
 7. FILTER MEDIA IS NON-HAZARDOUS PER EPA AND OSHA STANDARDS.  
 8. FILTER SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.  
 9. PLEASE REFER TO MANUFACTURER RECOMMENDATIONS FOR AN APPROVED MAINTENANCE PROGRAM.

STANDARD DIMENSIONS

| MODEL # | A*    |
|---------|-------|
| TRC2    | 2.00  |
| TRC2.5  | 2.50  |
| TRC3    | 3.00  |
| TRC3.5  | 3.50  |
| TRC4    | 4.00  |
| TRC5    | 5.00  |
| TRC6    | 6.00  |
| TRC7    | 7.00  |
| TRC8    | 8.00  |
| TRC9    | 9.00  |
| TRC10   | 10.00 |
| TRC12   | 12.00 |
| TRC14   | 14.00 |
| TRC21   | 21.00 |
| TRC28   | 28.00 |



TYPICAL DETAIL WITH SIZING TABLE CURB INLET TRITON

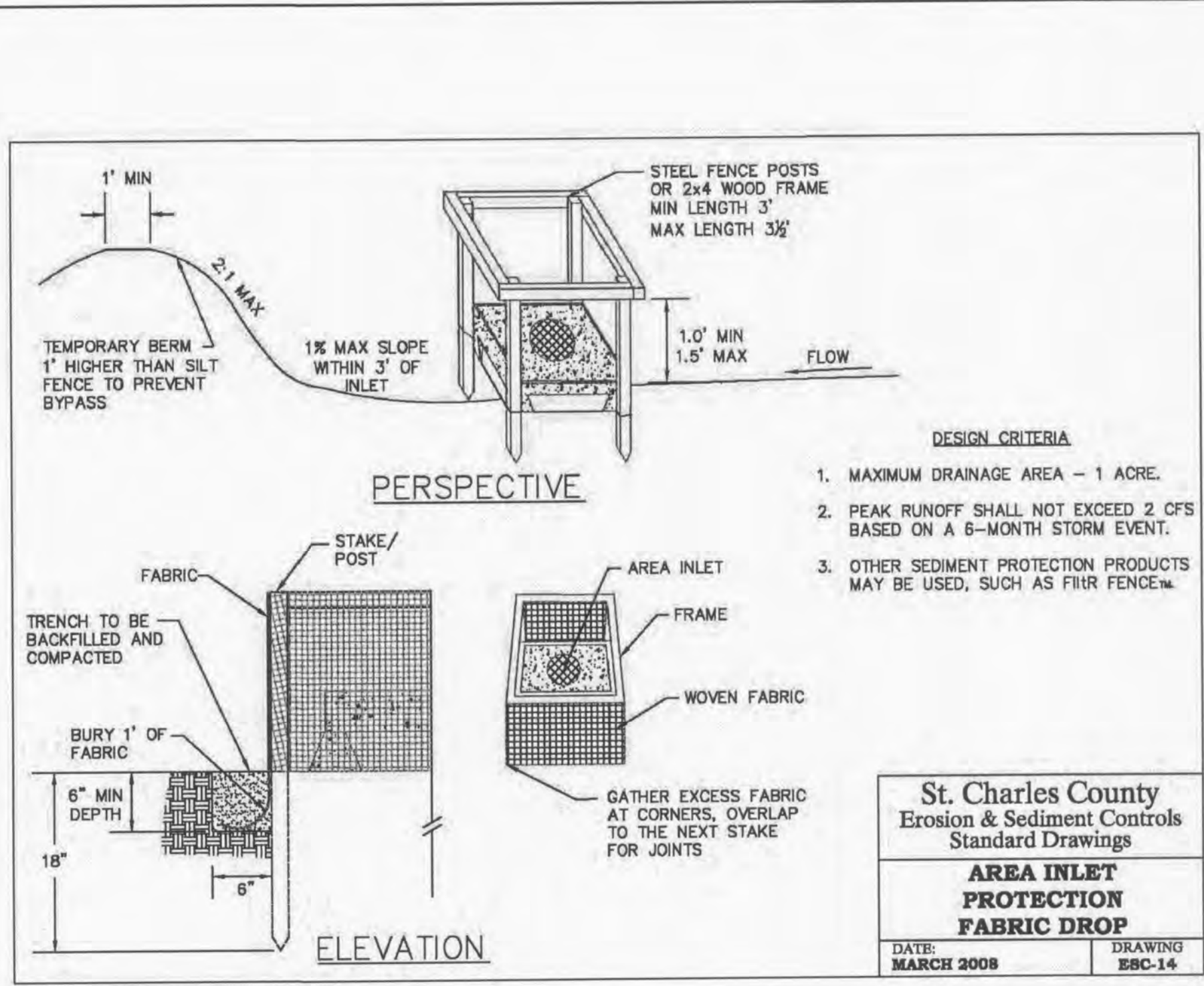
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**CONTECH**  
 STORMWATER SOLUTIONS  
 contechstormwater.com

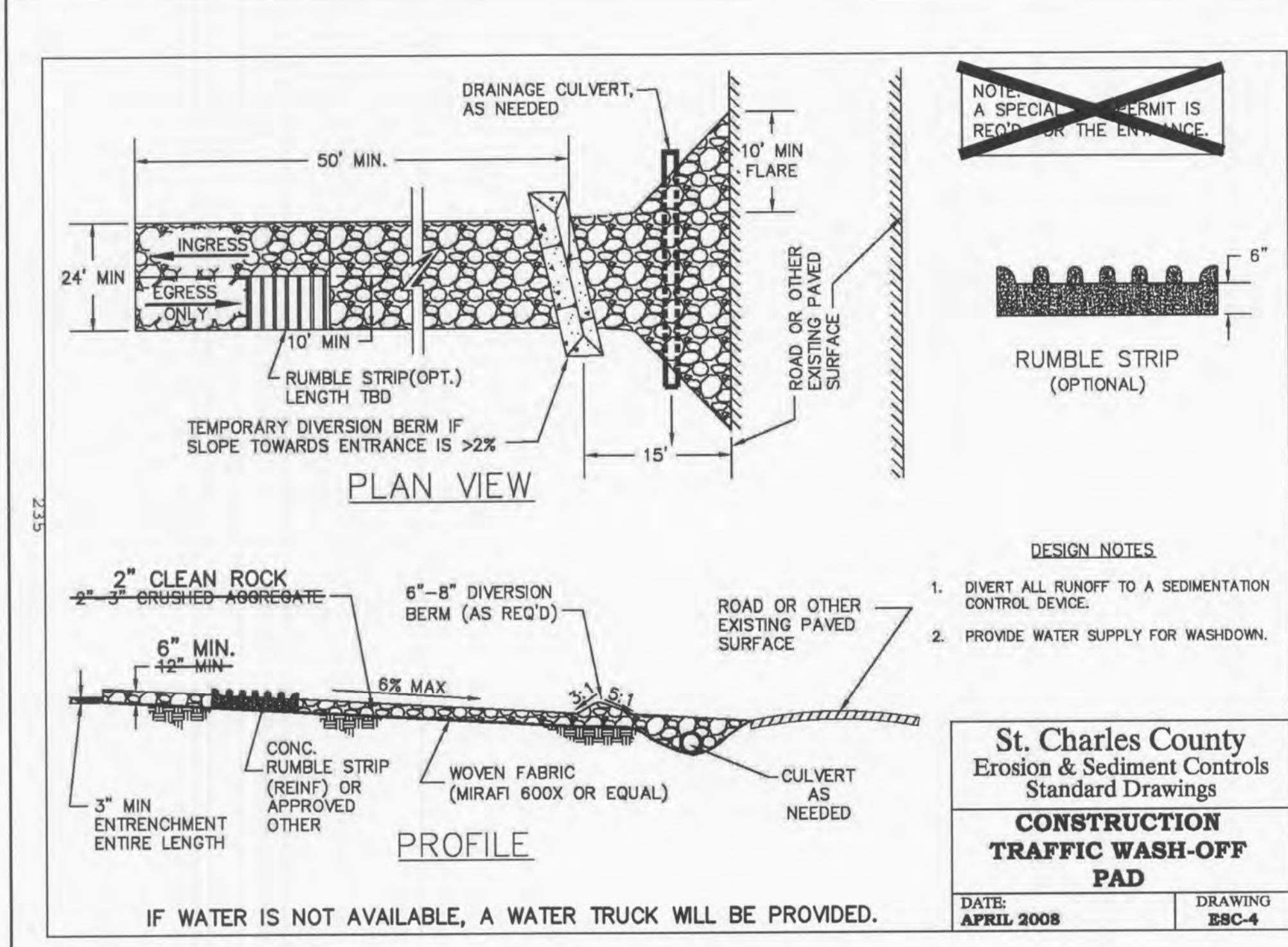
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PROJECT TITLE  
**WYNDGATE VILLAGE D  
 PLAT TWO**

**PICKETT, RAY & SILVER, INC.**  
 CIVIL ENGINEERING, LAND SURVEYING,  
 AND NATURAL RESOURCES SERVICES  
 22 Rockledge Court  
 St. Peters, MO 63378  
 Phone (636) 397-1211 Fax (636) 397-1104  
 www.prs.com 1-800-708-3818



St. Charles County  
 Erosion & Sediment Controls  
 Standard Drawings  
**AREA INLET  
 PROTECTION  
 FABRIC DROP**  
 DATE: MARCH 2008 DRAWING: EBC-14



St. Charles County  
 Erosion & Sediment Controls  
 Standard Drawings  
**CONSTRUCTION  
 TRAFFIC WASH-OFF  
 PAD**  
 DATE: APRIL 2008 DRAWING: EBC-4

Developer / Owner Information  
**McBride Wyndgate, LLC**  
 16091 Swingley Ridge Road, Suite 300  
 Chesterfield, Missouri 63077

P+Z No. 3203  
 City No. 14-123-SP  
 Page No.

City of O'Fallon Standard Subdivision Notes and Details - June 2010

City of O'Fallon Number 14-123-SP