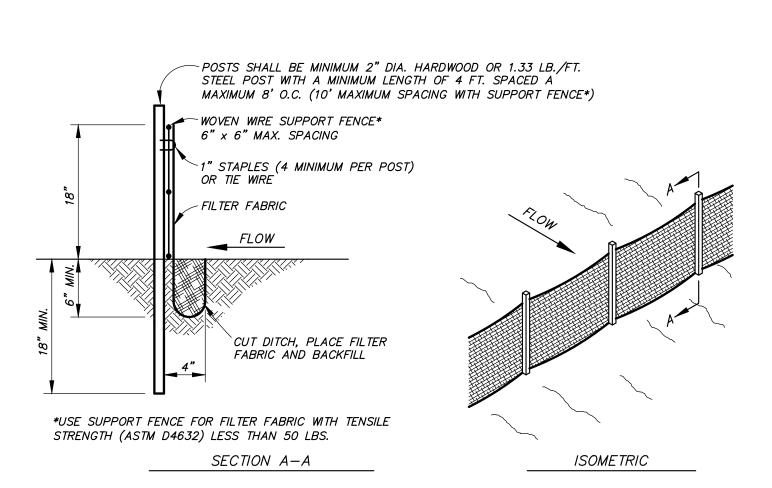
- FASTENERS, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45 DEGREES THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART.
- . WHEN TWO SECTIONS OF SILT FENCE MATERIAL ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED ACROSS TWO POSTS. . MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE SWPPP. DEPTH OF ACCUMULATED SEDIMENTS MAY NOT EXCEED ONE—THIRD THE HEIGHT OF THE FABRIC. MAINTENANCE CLEANING MUST BE CONDUCTED REGULARLY TO PREVENT ACCUMULATED SEDIMENTS FROM REACHING ONE-THIRD THE HEIGHT OF
- THE SILT FENCE MATERIAL. 4. ALL SILT FENCE SHALL INCLUDE WIRE SUPPORT.

SILT FENCE INLET PROTECTION

NOT TO SCALE



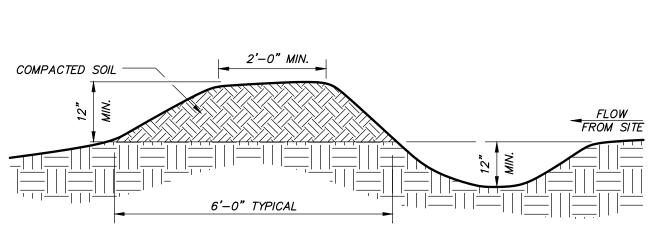
NOTES:
1. CONTRACTOR SHALL INSTALL SILT FENCE AT TOE OF SLOPES OF ALL AREAS AFFECTED BY CONSTRUCTION PRIOR TO ANY DISTURBANCE ON THE SITE. 2. SILT FENCE SHALL REMAIN UNTIL VEGETATION HAS BEEN ESTABLISHED ON DISTURBED AREAS.
3. BUILT UP SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE—THIRD THE HEIGHT OF

4. SILT FENCES SHALL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, ETC., TO VERIFY THE FABRIC IS SECURELY ATTACHED TO THE POSTS, THE POSTS ARE SECURELY IN THE GROUND, AND THE FABRIC IS SECURELY IMBEDDED IN THE GROUND TO PREVENT RUNOFF FROM GOING UNDER ANY PART OF THE FENCE.

5. CONTRACTOR SHALL REMOVE ALL SILT FENCES WHEN ALL DISTURBED AREAS ARE COVERED WITH A MINIMUM 80% VEGETATION. SEED AND MULCH ALL AREAS DISTURBED DURING REMOVAL.

SILT FENCE DETAIL

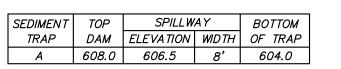
NOT TO SCALE

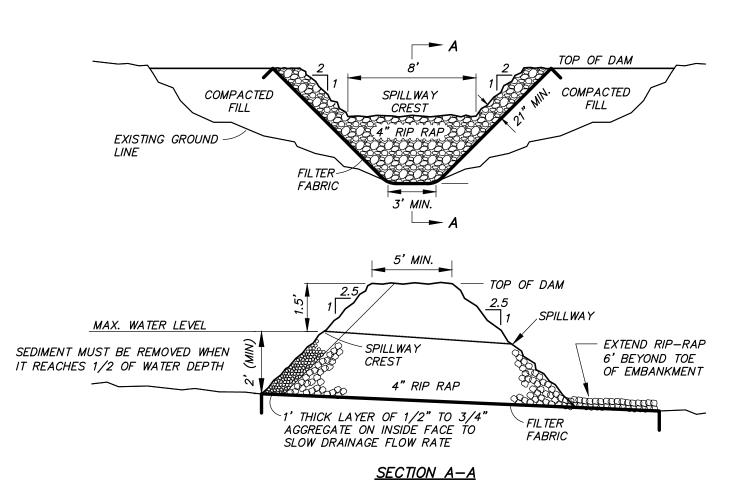


1. ADDITIONAL DIVERSION DIKES SHALL BE CONSTRUCTED AS NECESSARY TO CONTROL RUNOFF. 2. IMMEDIATELY UPON COMPLETION, APPLY TEMPORARY SEEDING TO ALL DISTURBED AREA. 3. DIKE HEIGHT MAY EXCEED 12". SEE PLANS.

TEMPORARY DIVERSION DIKE

NOT TO SCALE



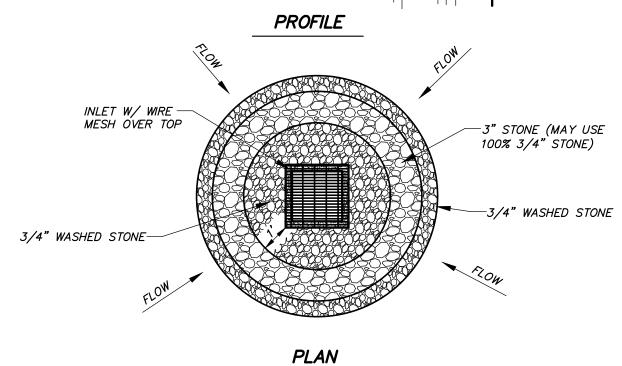


1. CONSTRUCTION OF TEMPORARY SEDIMENT TRAP SHALL BE PER THE CURRENT "PROTECTING WATER QUALITY" FIELD GUIDE AVAILABLE ON THE MISSOURI DEPARTMENT OF NATURAL RESOURCES WEBSITE.

2. SEDIMENT REMOVED FROM STRUCTURE SHALL BE DISPOSED OF ONSITE AS DIRECTED BY OWNER.

TEMPORARY SEDIMENT TRAP NOT TO SCALE

3/4" WASHED STONE TEMPORARY SEDIMENT POOL WIRE MESH (OPTIONAL) 2' MAX. 2:1 SLOPE 1' MIN. FINE GRAVEL FACE (1' MIN. THICKNESS) **PROFILE**



GRAVEL DROP INLET PROTECTION (GRAVEL DONUT) NOT TO SCALE

6" MINIMUM

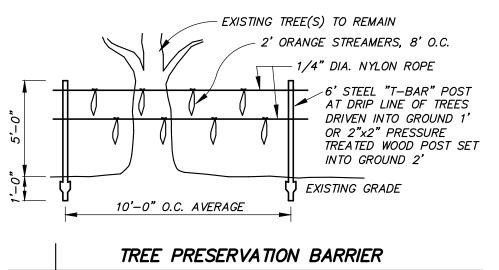
GEOTEXTILE UNDERLINER -

CONTRACTOR SHALL PROVIDE A WATER TRUCK.

NOT TO SCALE

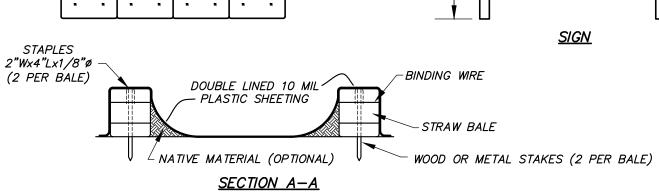
TEMPORARY CONSTRUCTION ENTRANCE/EXIT

2"-3" CLEAN STONE -



NOT TO SCALE

VARIES (10' MIN) . | . . | . | . | STRAW BALE - WOOD OR METAL STAKES (2 PER BALE) DOUBLE-LINED 10 MIL ~ PLASTIC SHEETING



1. ALL CONCRETE WASTE MATERIAL, INCLUDING WASHOUT WATER, SHALL BE TOTALLY CONTAINED. 2. SEE SWPPP FOR MORE DETAILS. CONTRACTOR SHALL PROVIDE WATER TO TEMPORARY 3. UPON PROJECT COMPLETION CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONCRETE WASTE FROM THE OWNER'S PROPERTY PER ALL APPLICABLE SOLID WASTE REGULATIONS. WASH OFF AREA. IF ON-SITE WATER IS NOT AVAILABLE,

4. CONSTRUCT SIGN OF WEATHER PROOF MATERIALS OF A SIZE EASILY READABLE BY CONCRETE TRUCK DRIVERS. PLACE SIGN WITHIN 10' OF WASHOUT. 5. CONTRACTOR SHALL CONTAIN WASHOUT WATERS AT ALL TIMES.

CONCRETE WASHOUT AREA

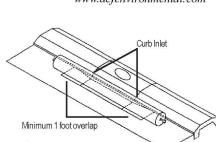
NOT TO SCALE

Gutterbuddy™ Specification For Curb Gutter Storm Drains

1.0 Description

1.1 This work shall consist of furnishing, placing, maintaining and removing the GutterbuddyTM sediment control device as directed by the engineer and as shown on the contract drawings. The Gutterbuddy™ sediment control system distributed by:

> ACF Environmental, Inc. 2831 Cardwell Road Richmond, Virginia 23234 Phone: 800-448-3636 • Fax: 804-743-7779 www.acfenvironmental.com



2.0 Materials

2.1 GUTTERBUDDY™

The GutterbuddyTM shall be synthetic filter manufactured from recycled synthetic fibers.

2.1.1 The GutterbuddyTM will be manufactured to be 9" in diameter and are available in 4', 6', 8', 10', 12', 14' and 16' lengths and a minimum of twenty-four (24) inches longer than the curb inlet opening. This will allow for sufficient length to cover the inlet with twelve (12) inches beyond the inlet on both ends.

3.0 Construction Sequence

3.1 General

3.1.1 Install the GutterbuddyTM in front of the curb inlet opening. Each end of the GutterbuddyTM should overlap the curb inlet approximately 12".

3.1.2 The GutterbuddyTM should be cleaned if a visual inspection shows silt and debris build up around

the Gutterbuddy TM .

3.1.3 To remove the GutterbuddyTM, lift out of the

3.1.4 The Gutterbuddy TM is reusable. Once the construc tion project is complete and it is no longer needed for sediment control, remove, clean and store out of the sunlight until needed on the next project.

3.1.5 Ponding is likely if sediment is not removed regularly. Inspection of GutterbuddyTM should be on a regular basis and immediately after major rain

4.0 Basis of Payment

4.1 The payment for any GutterbuddyTM used during the construction is to be included in the bid of the overall erosion and sediment control plan and priced by the linear foot.

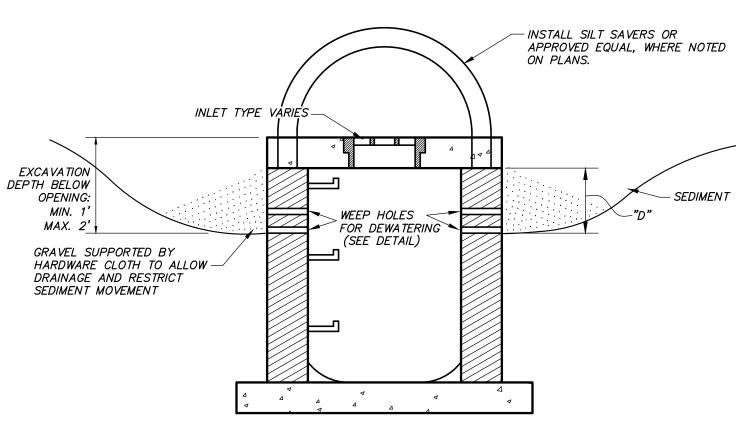




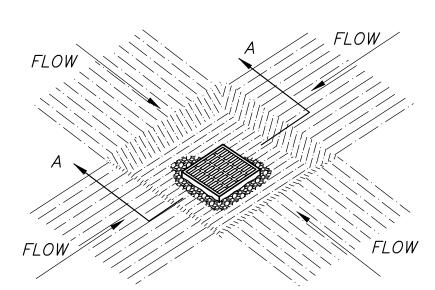


Distributed by:

Richmond, Virginia 23234 (800) 448-3636 • FAX (804) 743-7779 www.acfenvironmental.com



SECTION A-A



| | TYPE 1 INLET | TYPE 2 INLET |
|---|-----------------|---------------------|
| MIN. "D" | 1' | 2' |
| MAX. "D" | 2' | AS SHOWN ON PLAN |
| MIN. VOLUME OF EXCAVATED MATERIAL | 35 CU. YD. | AS SHOWN ON PLAN |
| MIN. ROWS OF WEEP HOLES | 2 | 4 |

NOTES:

1. ALL TYPE 2 INLETS SHALL BE GRADED TO MATCH CONTOURS ON EROSION CONTROL PLAN.

2. ALL TYPE 2 INLETS SHALL HAVE SILT SAVERS OR APPROVED EQUAL. 3. SEE EROSION CONTROL PLAN FOR LOCATIONS.

EXCAVATED INLET PROTECTION

NOT TO SCALE

Engineering Surveys & Services DELIVERING YOUR VISION ™ 1113 Fay Street, Columbia, MO 65201

573 - 449 - 2646

2 El Dorado Drive, Jefferson City, MO 65 573-636-3303 1775 West Main Street, Sedalia, MO 6530 www.ess-inc.com

MO Engineering Corp. # 2004005018

S

7/27/2022 LOHSANDT NUMBER

KELLY A. LOHSANDT PROFESSIONAL ENGINEER PE-2021032813

AUTHENTICATION IS NOT PRESENT THE MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

JULY 27, 2022

Revised

Design: KAL Drawn: BR

EROSION CONTROL DETAILS

C14.01

ES&S PROJECT NO. 15511

PLANNING & ZONING #22-005740 APPROVED JULY 7, 2022