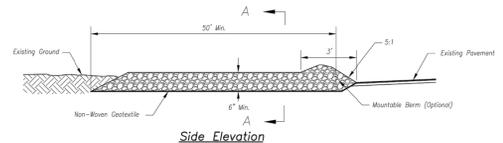
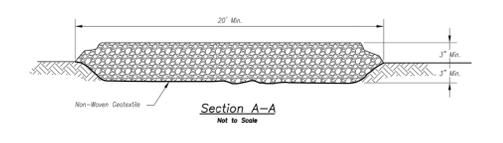


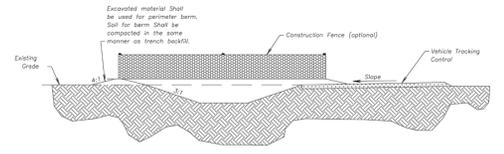
Plan View  
Not to Scale



Side Elevation  
Not to Scale



Section A-A  
Not to Scale



CONCRETE WASHOUT

- Notes for Concrete Washout:**
- Concrete washout area shall be installed prior to any concrete placement on site.
  - Concrete washout area shall include a fill subsurface all sheet relative to the amount of concrete to be placed on site. The slopes leading out of the subsurface fill shall be 2:1. The vehicle tracking post shall be sloped towards the concrete washout area.
  - Vehicle tracking control is required at the access point to all concrete washout areas.
  - Signs shall be placed at the construction site entrance, washout area and elsewhere as necessary to clearly indicate the location(s) of the concrete washout area(s) to operators of concrete trucks and curbs rigs.
  - A one-piece impervious liner may be required along the bottom and sides of the subsurface fill in sandy or gravelly soils.

- Maintenance for Concrete Washout:**
- Concrete washout materials shall be removed once the materials have filled the washout to approximately 75% full.
  - Concrete washout area shall be enlarged as necessary to maintain capacity for washed concrete.
  - Concrete washout water, washed pieces of concrete and all other debris in the subsurface fill shall be transported from the job site in a water-tight container and disposed of properly.
  - Concrete washout areas shall remain in place until all concrete for the project is placed.
  - When concrete washout areas are removed, excavations shall be filled with suitable compacted backfill and topped with approved areas associated with the installation, maintenance, and/or removal of the concrete washout area shall be established.

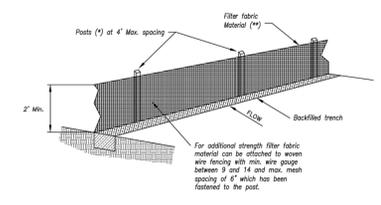
- Notes for Construction Entrance:**
- Avoid loading on steep slopes, at curves on public roads, or adjacent to distressed areas.
  - Remove all vegetation and other unsuitable material from the foundation area, grade, and crown for positive drainage.
  - If slope towards the public road exceeds 2%, construct a 6'- to 8'-inch high ridge with 3:1V side slopes across the foundation approximately 15 feet from the edge of the public road to divert runoff from it.
  - Install pipe under the entrance if needed to maintain drainage ditches along public roads.
  - Place stone to dimensions and grade as shown on plans. Leave surface sloped for drainage.
  - Divert all surface runoff and drainage from the entrance to a sediment control device.
  - If conditions warrant, place geotextile fabric on the graded foundation to improve stability.

- Maintenance for Construction Entrance:**
- Reshape entrance as needed to maintain function and integrity of installation. Top areas with clean aggregate as needed.

CONSTRUCTION ENTRANCE

Construction Entrance modified from 2015 Overland Park Standard Details for Erosion and Sediment Control. Concrete Washout modified from 2009 City of Great Bend Standard Drawings.

AMERICAN PUBLIC WORKS ASSOCIATION  
  
 KANSAS CITY METRO CHAPTER  
 CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT  
 STANDARD DRAWING NUMBER ESC-01  
 ADOPTED: 10/24/2016



- (\*) EGZIS  
 - MIN. LENGTH 4'  
 - HARDWOOD 1 1/2" x 1 1/2"  
 - NO.2 SOUTHERN PINE 2 1/2" x 2 1/2"  
 - STEEL 1.33 LB/YT

- (\*\*) - Geotextile Fabric shall meet the requirements of AASHTO M288

SILT FENCE DETAILS  
Not to Scale

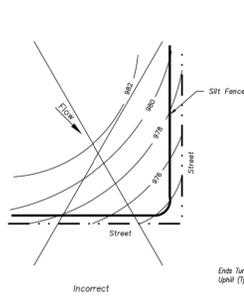
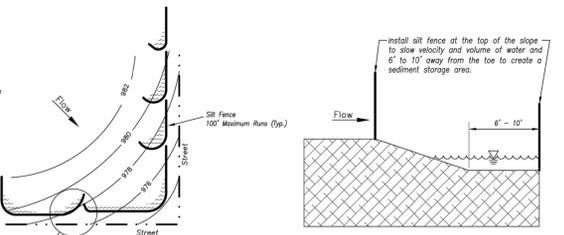


Figure A

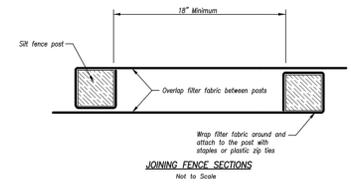


SILT FENCE LAYOUT  
Not to Scale

- Notes:**
- In order to contain water, the ends of the silt fence must be turned uphill (Figure A).
  - Long perimeter runs of silt fence must be broken up into several smaller segments to minimize water concentrations (Figure A).
  - Long slopes should be broken up with intermediate rows of silt fence to slow runoff velocities.
  - Attach fabric to upstream side of post.
  - Install posts a minimum of 2' into the ground.
  - Fencing will only be allowed for small or difficult installation, where silt fence machine cannot be reasonably used.

Maintenance:

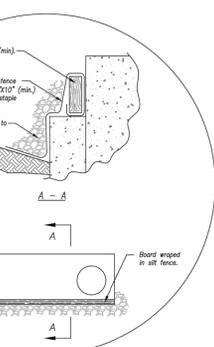
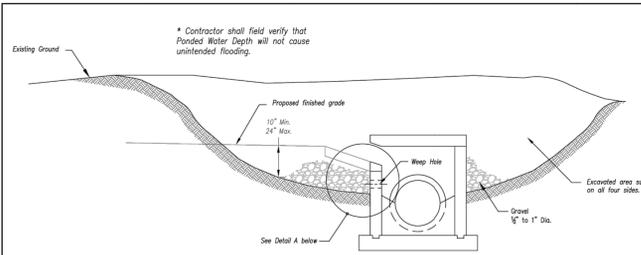
- Remove and dispose of sediment deposits when the deposit approaches 1/2 the height of silt fence.
- Repair as necessary to maintain function and structure.



JOINING FENCE SECTIONS  
Not to Scale

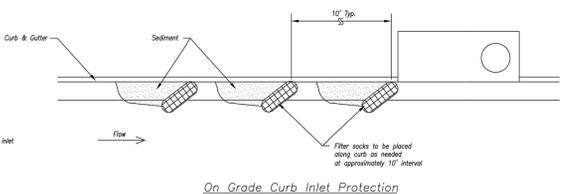
AMERICAN PUBLIC WORKS ASSOCIATION  
  
 KANSAS CITY METRO CHAPTER  
 SILT FENCE  
 STANDARD DRAWING NUMBER ESC-03  
 ADOPTED: 10/24/2016

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

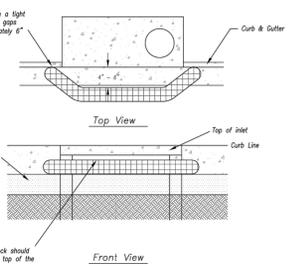


Detail A

EARLY STAGE CURB INLET  
(Open Box and Prior to Pouring Curb and Inlet Throat)



On Grade Curb Inlet Protection



Sump Inlet Sediment Filter

LATE STAGE CURB INLET  
(After Pouring Curb and Inlet Throat)

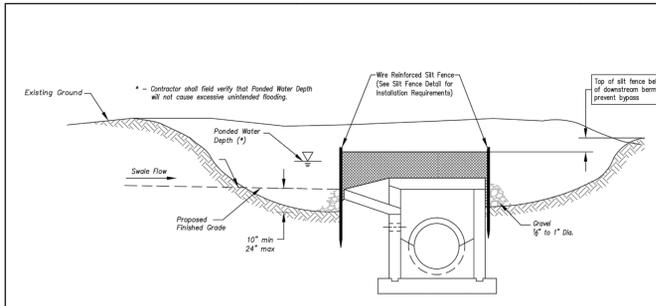
- Notes:**
- Immediately following inlet construction and prior to construction of curb and inlet throat, protect inlet opening by installing 2' x 10' (min.) board wrapped in silt fence. Structures shall have excavated storage area on all four sides to slow settling of sediment (Early Stage Curb Inlet).
  - When inlet is completed and curb poured, filter socks or approved equal should be used (Late Stage Curb Inlet). Stone weepers are not approved for curb inlet use.
  - Contractor to field verify ponding water shall not create a traffic hazard.

Maintenance:

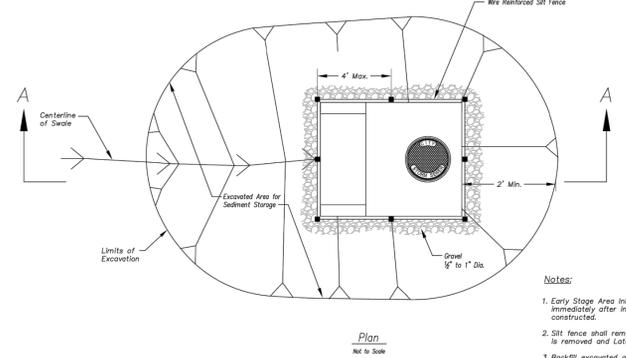
- Remove deposited sediment from excavated storage area when available storage has been reduced by 20%.
- Remove deposited sediment from filter socks or similar when any accumulation of sediment is visible.
- Repair or replace as necessary to maintain function and integrity of installation.

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

AMERICAN PUBLIC WORKS ASSOCIATION  
  
 KANSAS CITY METRO CHAPTER  
 CURB INLET PROTECTION  
 STANDARD DRAWING NUMBER ESC-06  
 ADOPTED: 10/24/2016



Section A-A  
Not to Scale



EARLY STAGE AREA INLET  
(All open boxes and inlets not at final grade)

- Notes:**
- Early Stage Area Inlet Sediment Barrier to be installed immediately after inlet or junction box is constructed.
  - Silt fence shall remain in place until excavated area is removed and Late Stage Area Inlet is being installed.
  - Backfill excavated area ONLY after final grading of the site. Stabilization of the site is to immediately follow.
  - Wire reinforced silt fence may be used in place of silt fence attached to wood frame.

LATE STAGE AREA INLET  
(Area inlets at final grade and existing inlets)

Maintenance:

- Remove deposited sediment from excavated storage areas when available storage has been reduced by 20%.
- Remove deposited sediment from filter socks or similar when any accumulation of sediment is visible.
- Repair or replace as necessary to maintain function and integrity of installation.

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

AMERICAN PUBLIC WORKS ASSOCIATION  
  
 KANSAS CITY METRO CHAPTER  
 AREA INLET AND JUNCTION BOX PROTECTION  
 STANDARD DRAWING NUMBER ESC-07  
 ADOPTED: 10/24/2016

| REVISIONS    |
|--------------|
| REV. 1-4-19  |
| REV. 2-11-19 |
| REV. 5-10-19 |
| REV. 5-28-19 |