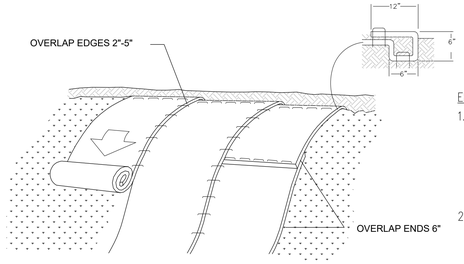
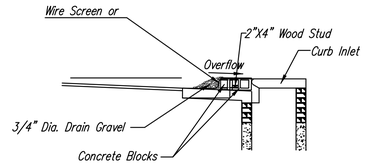


EROSION CONTROL BLANKET

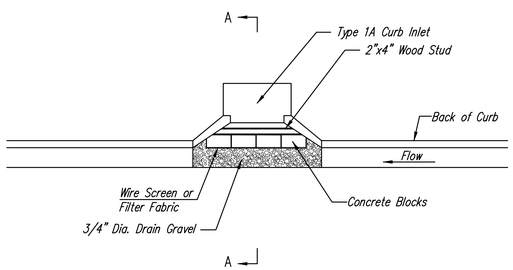
1. BLANKET SHALL BE NORTH AMERICAN GREEN S150 OR APPROVED EQUIVALENT PRODUCT RATED FOR FOR UP TO 2:1 SLOPES.
2. INSTALL EROSION CONTROL BLANKET PER MANUFACTURER'S SPECIFICATIONS.

INSTALLATION GUIDELINES

1. Prepare grade before erosion blanket installation.
2. Begin at the top of the slope by anchoring the blanket in a 6" deep by 6" wide trench with approximately 12" extended beyond the up-slope portion of the trench. anchor the blanket with staples/stakes approximately 12" apart in the bottom of the trench. backfill and compact the trench.
3. Roll the blanket down or horizontally across the slope. all erosion control blanket must be secured to the soil surface using staples/stakes per the manufacturer's recommendations.
4. Staple edges with 2"-5" of the blanket overlapping the adjacent roll.
5. Consecutive rolls spliced down the slope must be placed end over end with approximately 6" overlap. staple through overlapped area, at approximately 12"



SECTION A-A



CURB INLET GRAVEL FILTERS

(INLET PROTECTION-RESIDENTIAL STREETS ONLY)

NOTE: Other types of curb inlet protection may be approved by the city so long as equal protection is provided.

A gravel inlet filter shall be installed at sump locations on residential streets. This type of protection is not to be used on arterial or collector streets at any time that it would pose an undue traffic hazard.

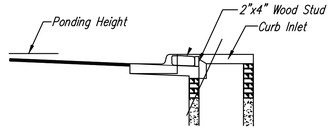
Instructions for Installing:

STEP 1: Place concrete blocks around the inlet as shown on drawing. Insert 2x4 board as

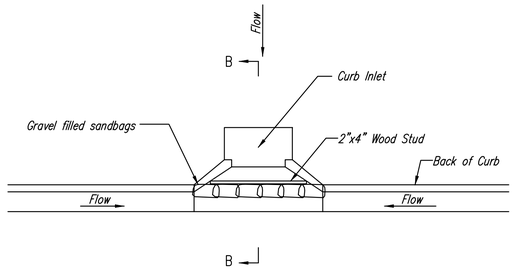
STEP 2: Wrap 1/2" mesh wire screen around the concrete blocks.
STEP 3: Place 1" to 1-1/2" diameter rock around the blocks and wire screen. Be sure the rock extends down from the top of the concrete block.
STEP 4: To prevent damage to vehicles, signs warning drivers about the structures may be necessary. An alternative installation is the use of gravel bags supported by a 2"x4" board to prevent collapsing.

Use of rock with diameters smaller than 1" in the bag may result in clogging of pores and reduce the amount of water flowing into an inlet.

All curb inlet gravel filters shall be inspected and repaired after each runoff event. Sediment deposits are to be removed once material is within 8 cm (3 inches) of the top of any block. Periodically, the gravel shall be raked to increase infiltration and filtering of runoff waters. Accumulated sediment is to be removed immediately from roads and streets.



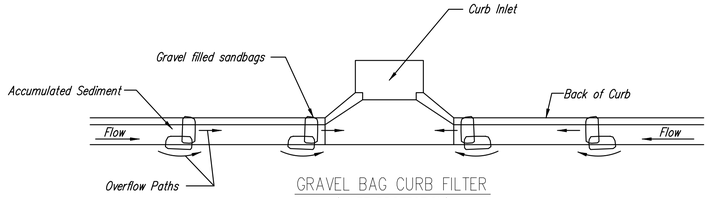
SECTION B-B



CURB INLET SANDBAG FILTERS

(INLET PROTECTION)

NOTE: Other types of curb inlet protection may be approved by the City so long as equal protection is provided.



GRAVEL BAG CURB FILTER

(INLET PROTECTION)

NOTE: Place two or more sets of bags in a manner that results in maximum support. The flow line bag must be lower than top of curb.

CURB SEDIMENT TRAPS

When inlets are located on streets having a grade (i.e., sump conditions do not exist), installing gravel (or sand) bags in the gutter flow line to create small sediment traps can be considered. Gravel bags are recommended over sand bags to allow for drainage.

If the spacing between bags becomes too large, little sediment may be trapped. Spacing of bags should be completed using the table or graph that illustrates placement distances based upon street slope. When installed in the gutter, bag tops must be lower than the sidewalk.

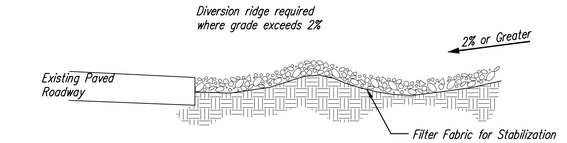
Spacing:

Gravel bags are to be placed according to street grades using the following table or graph that appears below.

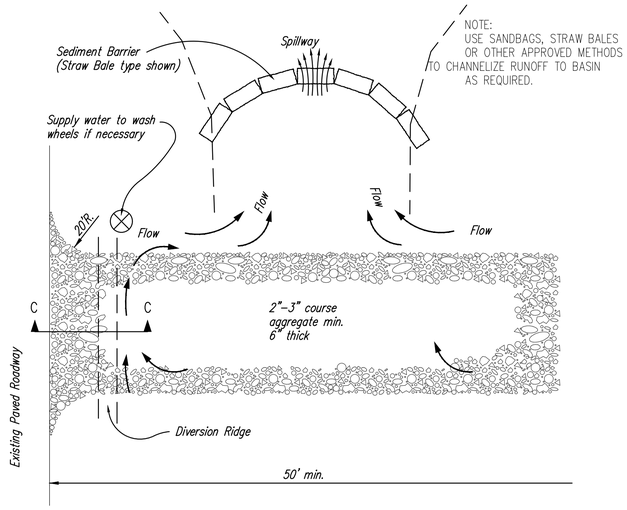
GRADE (%)	SPACING (FEET)
0.5	75
1.0	45
2.0	18
3.0	12
4.0	9
5.0	6

Maintenance:

Collected sediment shall be removed after every runoff event. Bags that are destroyed by vehicular traffic or through natural deterioration are to be immediately replaced.



SECTION C-C



STABILIZED CONSTRUCTION ENTRANCE

NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABLIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN, AS SHOWN ABOVE.
4. DRIVE ENTRANCES ONTO RESIDENTIAL LOTS WILL NOT BE REQUIRED TO HAVE THE SEDIMENT BARRIER SHOWN, BUT WHEEL WASHING MAY BE REQUIRED IF STABILIZED ENTRANCE IS NOT SUFFICIENT TO KEEP MUD FROM BEING TRACKED ONTO ADJACENT STREET. ENTRANCE SHALL EXTEND FROM BACK OF CURB TO DWELLING.

MATCHLINE EC1.2

PRINTS ISSUED

DATE	PURPOSE	NO.
08.01.24	FOR BID & CONSTRUCTION	

RIVER CORRIDOR IMPROVEMENTS
WEST BANK - RIVERFRONT
STADIUM
WICHITA, KS

LK ARCHITECTURE
345 Riverview, Suite 200, Wichita, KS 67203
T 316.268.0230 F 316.268.0205

CONTACT:
DRAWN:
CHECKED:
PROJECT NUMBER:

SHEET TITLE:
BMP NOTES & DETAILS

SHEET NUMBER:
BMP1.3