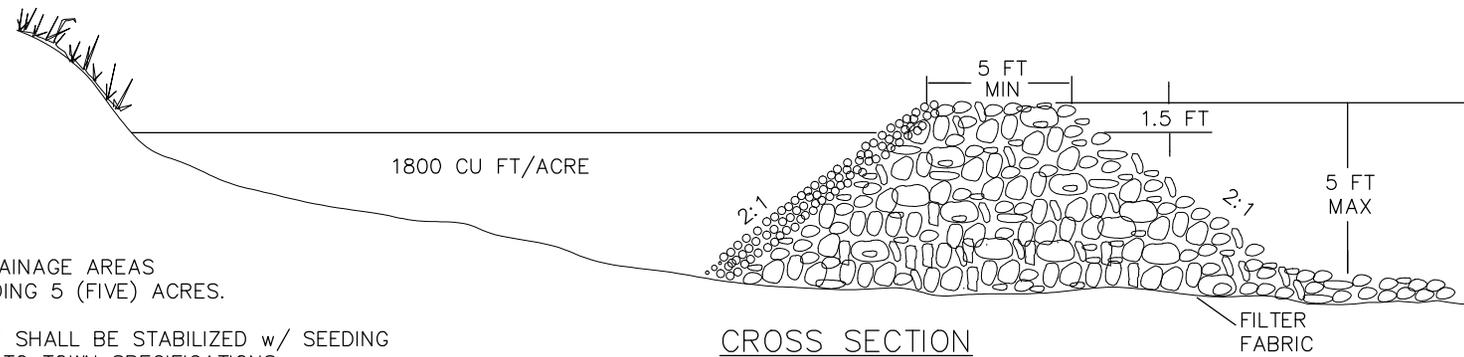
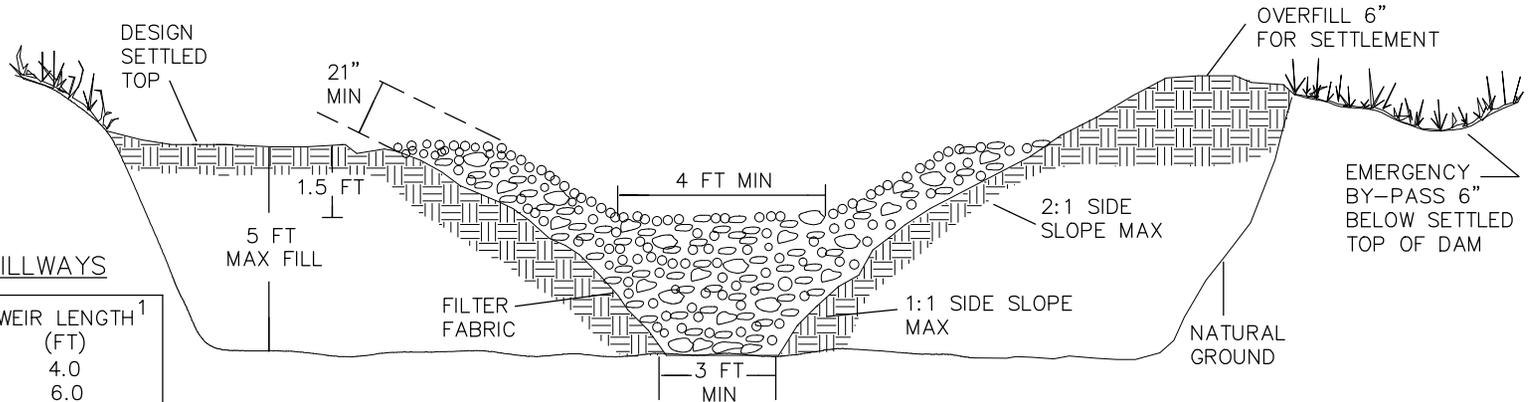


NOTES:

1. USE FOR DRAINAGE AREAS NOT EXCEEDING 5 (FIVE) ACRES.
2. EARTH BERM SHALL BE STABILIZED w/ SEEDING ACCORDING TO TOWN SPECIFICATIONS.



CROSS SECTION



MAINTENANCE

DESIGN OF SPILLWAYS

| DRAINAGE AREA (ACRES) | WEIR LENGTH ¹ (FT) |
|-----------------------|-------------------------------|
| 1 | 4.0 |
| 2 | 6.0 |
| 3 | 8.0 |
| 4 | 10.0 |
| 5 | 12.0 |

¹ DIMENSIONS SHOWN ARE MINIMUM

INSPECT TEMPORARY SEDIMENT TRAPS AFTER EACH PERIOD OF SIGNIFICANT RAINFALL. REMOVE SEDIMENT AND RESTORE TRAP TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS REMOVED IN A DESIGNATED DISPOSAL AREA AND REPLACE THE CONTAMINATED PART OF THE GRAVEL FACING.

CHECK THE STRUCTURE FOR DAMAGE FROM EROSION OR PIPING. PERIODICALLY CHECK THE DEPTH OF THE SPILLWAY TO ENSURE IT IS A MINIMUM OF 1.5 FT BELOW THE LOW POINT OF THE EMBANKMENT. IMMEDIATELY FILL ANY SETTLEMENT OF THE EMBANKMENT TO SLIGHTLY ABOVE DESIGN GRADE. ANY RIP RAP DISPLACED FROM THE SPILLWAY MUST BE REPLACED IMMEDIATELY.

STABILIZE THE EMBANKMENT AND ALL DISTURBED AREAS ABOVE THE SEDIMENT POOL AND DOWNSTREAM FROM THE TRAP IMMEDIATELY AFTER CONSTRUCTION WITH SEEDING.

| REVISIONS | |
|-----------|-------------|
| DATE | DESCRIPTION |
| | |
| | |
| | |



CITY OF ASHEVILLE, N.C.
ENGINEERING DEPARTMENT

GRAVEL & RIP RAP FILTER BASIN

STD. No.

4.03