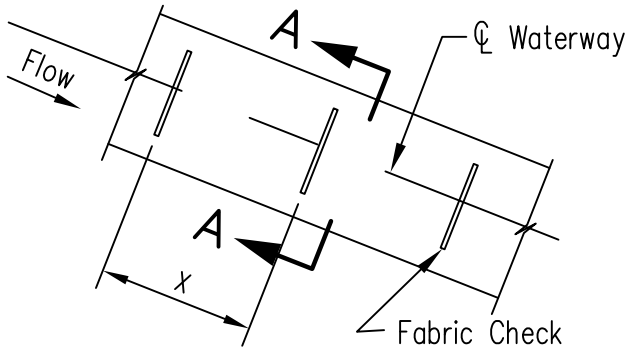
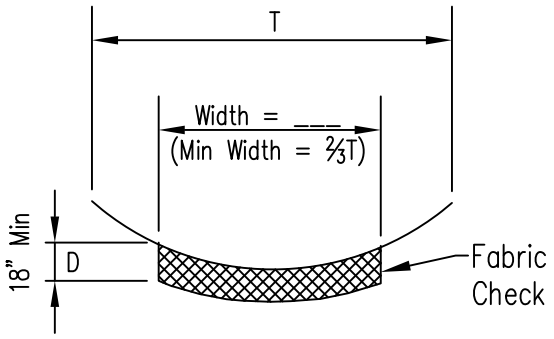


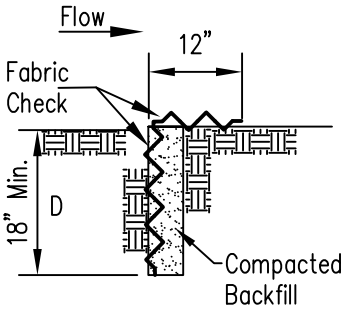
PLAN VIEW



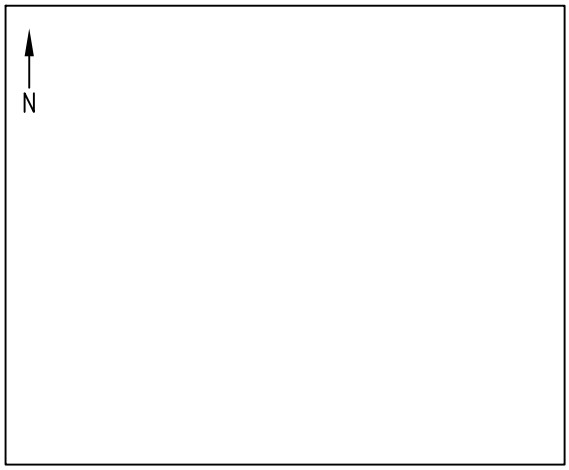
SECTION A–A

Waterway No								
From Station								
To Station								
Top Width T (Ft)								
Check Width (Ft)								
Check Spacing X (Ft)								
Number Of Checks								
Check Depth D (In)								

BILL OF MATERIAL		
Total Sq Yd Geotextile		
Qty	Length (Ft)	Width (In)



LOCATION PLAN



NOTES:

1. Fabric check shall be non–woven, needle punched geotextile, and meet the following minimum criteria:
   Grab tensile strength (lb) ASTM D 4632 _____ 112
   Elongation at failure (%) ASTM D 4632 _____ ≥50
   Trapezodial tear strength (lb) ASTM D 4533 _____ 40
   Puncture strength (lb) ASTM D 6241 _____ 223
   Ultraviolet light (% retained strength) ASTM D 4355 _____ min 50
   Apparent opening size (AOS) ASTM D 4751 _____ max 0.22 (US sieve size 70)
   Permittivity sec^{-1} ASTM D 4491 _____ min 0.70
2. Excavate a trench 18 inches deep, wide enough to allow hand compaction of backfill.
3. Place the fabric against the upstream wall of the trench. Backfill the trench in hand compacted, 6 inch lifts. Lay 12 inch fabric flap downstream.

LANDUSER		LOCATION	

Designed _____ Date
Drawn M.Quinones 9/1/14
Checked _____
Approved _____

USDA United States Department of Agriculture
Natural Resources Conservation Service

FABRIC CHECKS FOR WATERWAYS

IL–ENG–205
Drawing No.
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