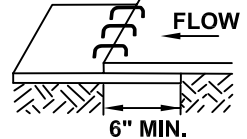
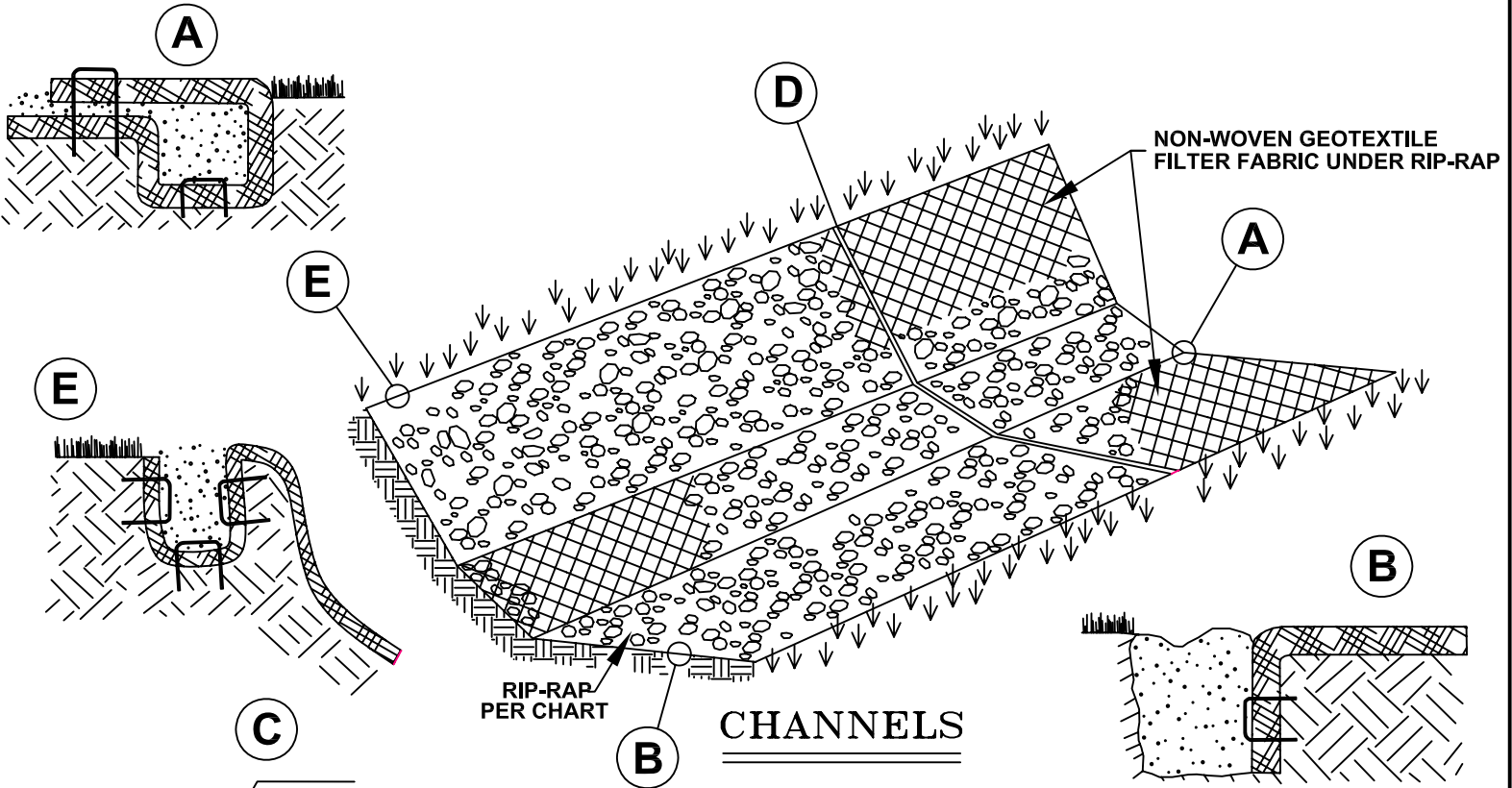


# RIP-RAP: CHANNELS AND SLOPES (E-10)



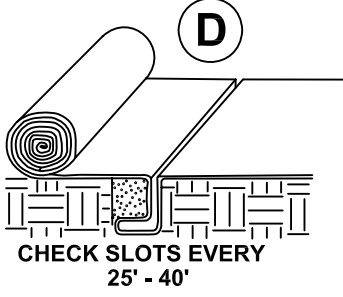
-OVERLAPS ARE A MINIMUM OF 6" OR PER MANUFACTURER'S SPECS.

-SECURE BY USING AN APPROPRIATE PINNING PATTERN PER MANUFACTURER'S SPECIFICATIONS.

NON-WOVEN GEOTEXTILE FILTER FABRIC UNDER RIP-RAP

RIP-RAP PER CHART

NON-WOVEN GEOTEXTILE FILTER FABRIC UNDER RIP-RAP



VELOCITY	AVG. ROCK SIZE
6 fps	5 IN.
8 fps	10 IN.
10 fps	14 IN.
12 fps	20 IN.

## SLOPES

ALL FABRIC TRENCHING (A, B, D, E) ARE TO BE 6"D x 6"W MINIMUM

DEPENDING ON THE VELOCITY, SLOPE AND SOILS, USE THE PROPER SIZED RIP-RAP AND NON-WOVEN GEOTEXTILE FABRIC TO HANDLE THE SHEER STRESS OF THE SLOPE/CHANNEL.