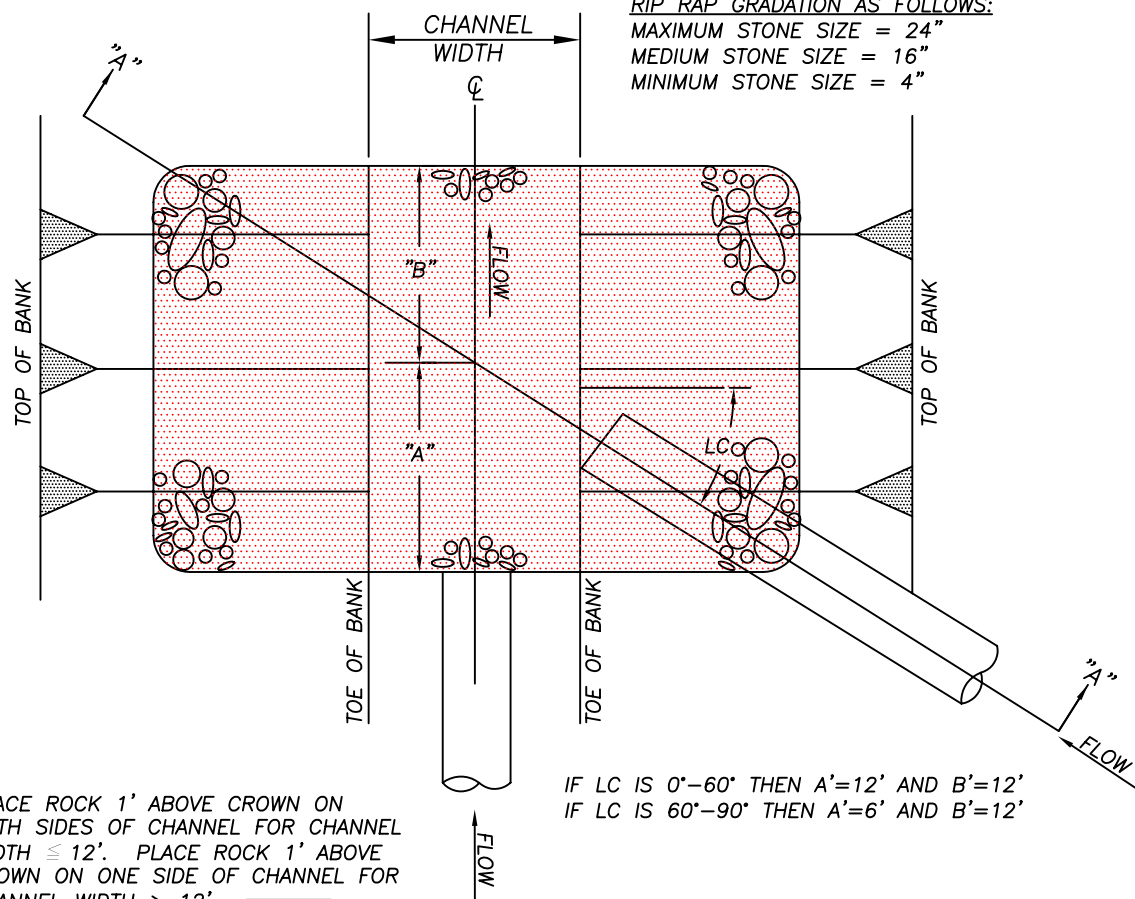
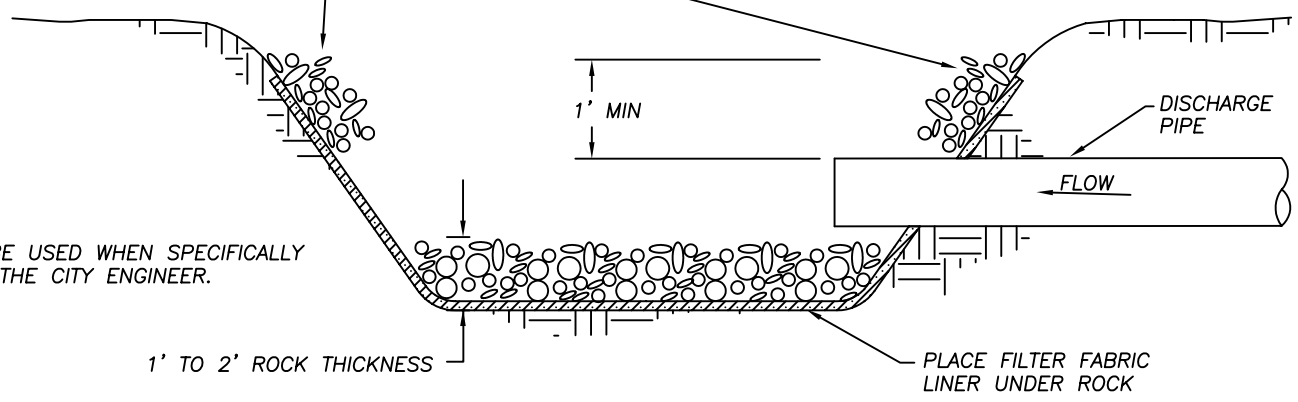


RIP RAP GRADATION AS FOLLOWS:
 MAXIMUM STONE SIZE = 24"
 MEDIUM STONE SIZE = 16"
 MINIMUM STONE SIZE = 4"



PLACE ROCK 1' ABOVE CROWN ON BOTH SIDES OF CHANNEL FOR CHANNEL WIDTH \leq 12'. PLACE ROCK 1' ABOVE CROWN ON ONE SIDE OF CHANNEL FOR CHANNEL WIDTH $>$ 12'.

IF LC IS 0°-60° THEN A'=12' AND B'=12'
 IF LC IS 60°-90° THEN A'=6' AND B'=12'



NOTES:

1. MAY ONLY BE USED WHEN SPECIFICALLY APPROVED BY THE CITY ENGINEER.

RIPRAP ENERGY DISSIPATER

PLAN #



CITY OF LA CENTER APPROVED

REVISIONS:	DATE:	DRAWN:	DESIGNED:

SM-13

Barb Stapp, PE 7/23/09

CITY ENGINEER

DATE