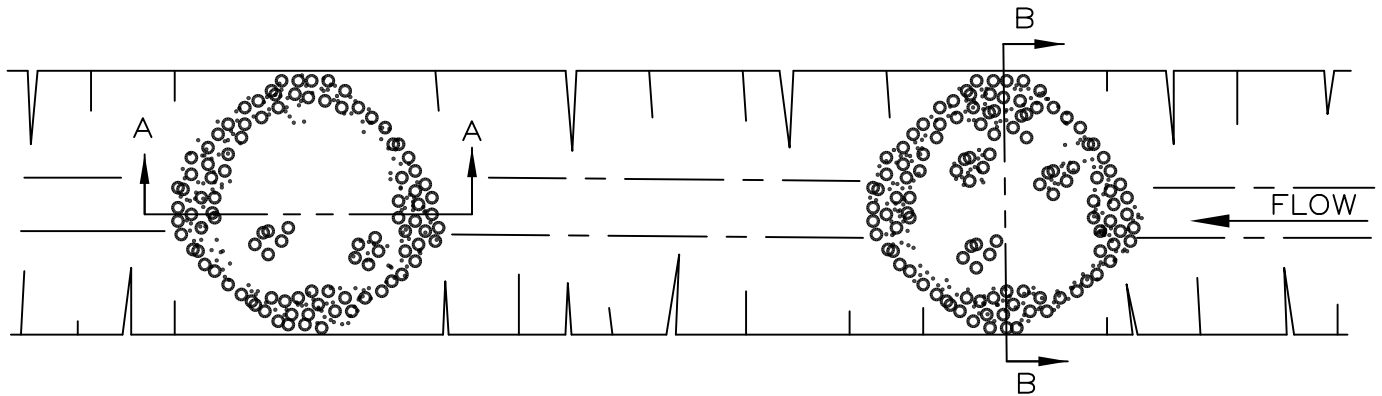
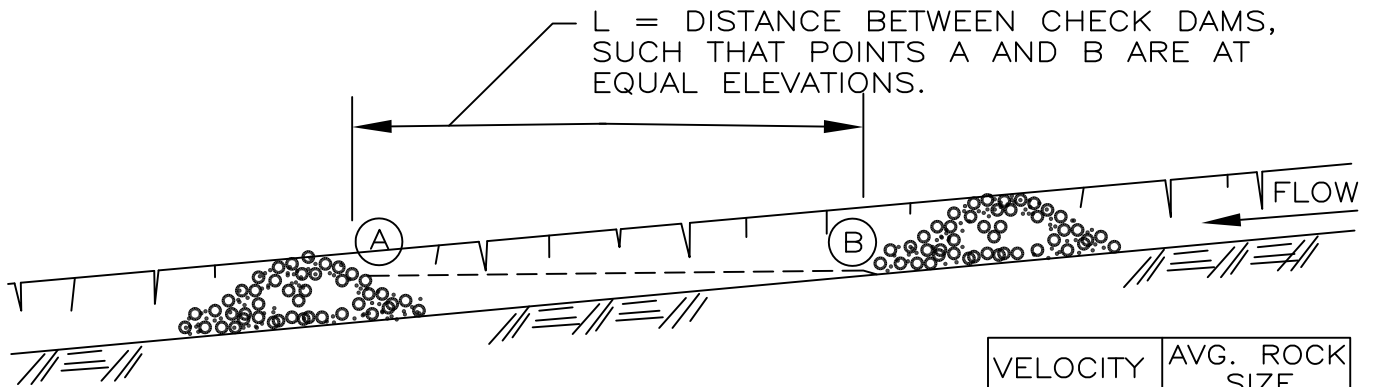


CHECK DAMS (E-3)

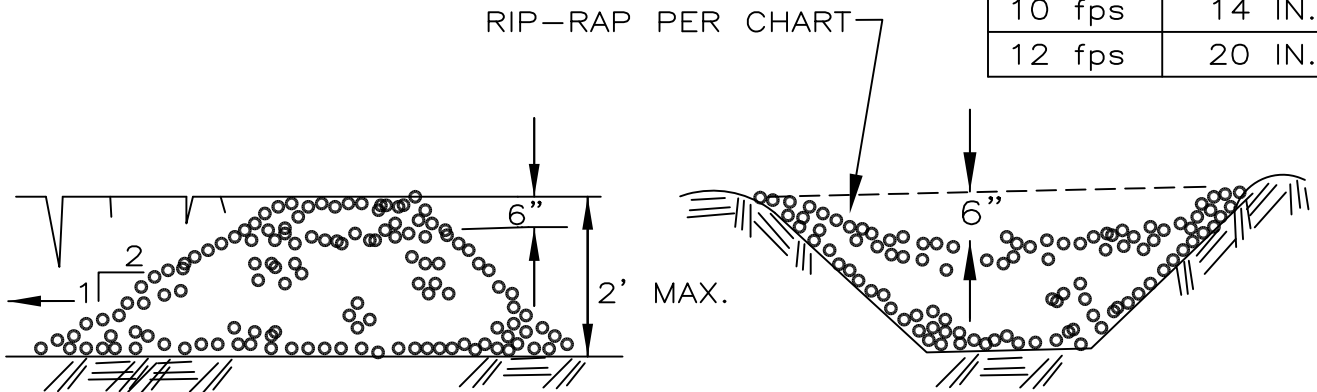


PLAN VIEW



CROSS-SECTION

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



SECTION A-A

NOTE: CHECK DAMS GREATER THAN TWO FEET IN DEPTH MAY SERIOUSLY IMPACT THE FLOW CHARACTERISTICS OF THE DITCH.

SECTION B-B

- DEPENDING ON THE VELOCITY, SLOPE AND SOILS, USE THE PROPER SIZED RIP-RAP TO HANDLE THE SHEAR STRESS OF THE SLOPE/CHANNEL.
- FOR SLOPE AND/OR CHANNEL PROTECTION SEE OTHER BMP'S ON THIS SHEET OR IN THE WRC SOIL EROSION MANUAL.