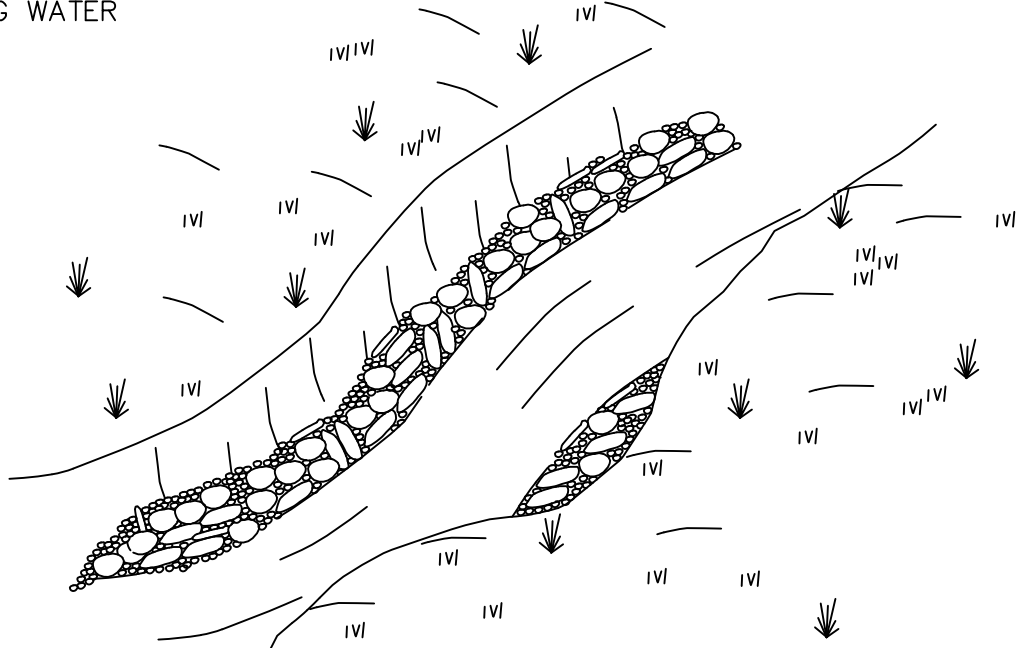
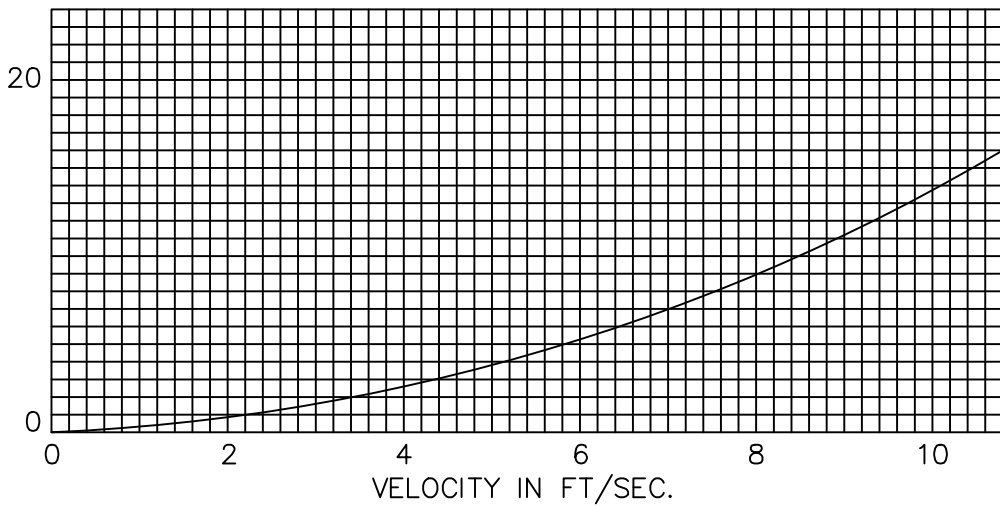


ROCKS USED TO PROTECT SOIL FROM THE EROSION ACTION OF RUNNING WATER



- FOR CHANNELS WHERE VELOCITIES ≤ 10 FT/SEC.
 - FOR CUT OR FILL SOILS THAT WILL BE UNSTABLE
 - ENTRENCH TOE OF REVETMENT INTO CHANNEL BOTTOM 1.5' TO 3'
 - CHANNEL SIDE SLOPE NO STEEPER THAN 1-1/2:1
 - A BLANKET OF FILTER MATERIAL PLACED UNDER RIPRAP UNLESS BANK IS SAND GRAVEL MIXTURE
 - STONE AND FILTER MATERIAL:
- | VELOCITY | STONE SIZE | FILTER MATERIAL |
|-----------------|---------------|-----------------|
| <6 FT/SEC. | 10 - 50 LBS. | 1-1/2" |
| 6 TO 8 FT/SEC. | 20 - 100 LBS. | 3" |
| 8 TO 10 FT/SEC. | 25 - 250 LBS. | 4-1/2" |
- STONE OF DURABLE MATERIAL WEIGHING ≥ 150 LBS/FT³

DIAMETER OF STONE IN INCHES



BASED ON ISBASH CURVE



CITY OF CORDELE, GEORGIA - STANDARD DETAIL

(Rp) RIPRAP

DETAIL NO:

E-042

DATE: