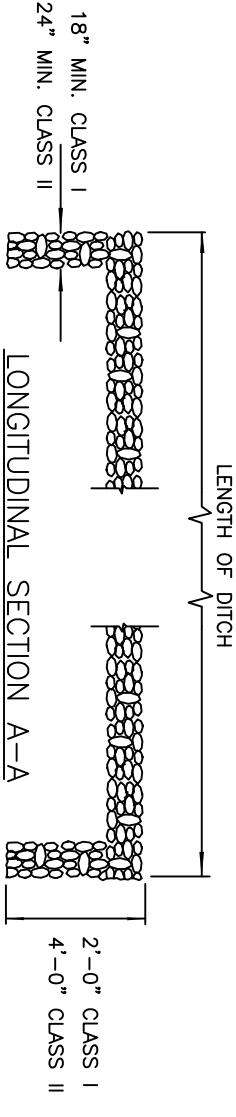


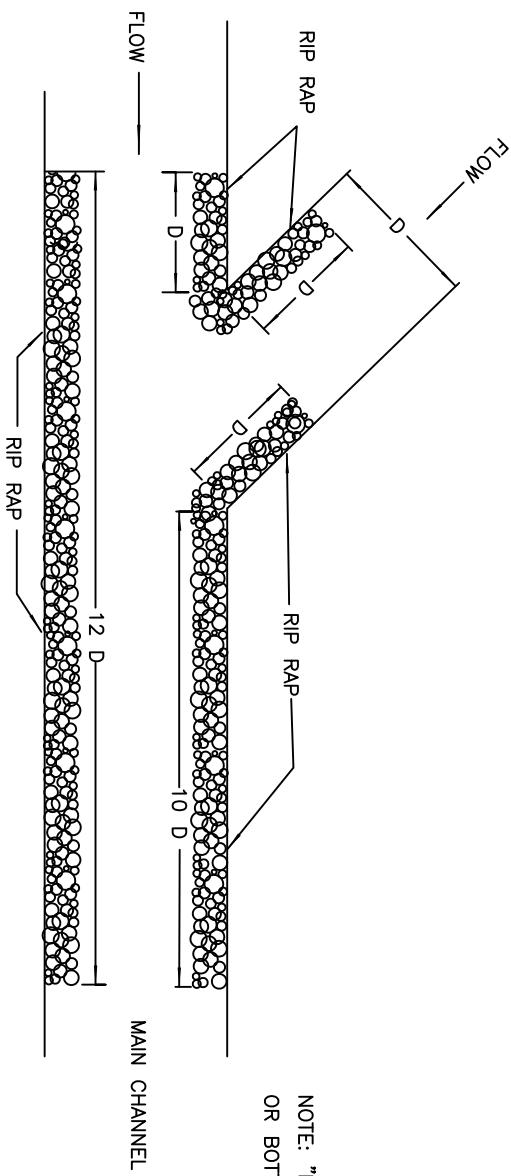
GENERAL NOTES:

1. IF BEDROCK IS ENCOUNTERED WITHIN THE LIMITS OF THE TOEWALL, BEGIN TOEWALL ON THE BEDROCK OR AS DIRECTED BY THE ENGINEER.
2. WHERE ONLY ONE SIDE REQUIRES RIP RAP CLASS I OR II, LIST STATION AND SIDE OF SAME.
3. CHANNEL AND RIP RAP SIZE TO BE DESIGNED BY THE ENGINEER.
4. DEPENDING ON SOIL CONDITIONS, WASHED STONE AND FILTER FABRIC MAY BE NECESSARY UNDER RIP RAP.
5. CHANNEL DEPTH "H" SHALL INCLUDE A MINIMUM 6" OF FREEBOARD.



LONGITUDINAL SECTION A-A

NOTE: "D" EQUALS DIAMETER OF PIPE
OR BOTTOM WIDTH OF CHANNEL.



MAIN CHANNEL

CHANNEL INTERSECTIONS

APPROVED DATE

REVISIONS	
NO.	DATE



RIP RAP DITCHES

UNION COUNTY

NORTH CAROLINA

PREPARED BY:

CITY OF MONROE

FILE: I:\Maps\Details\Detail Manual\Details

DRAWN BY: JAM DATE: 08-07-01

CHECKED BY: JNL SCALE: N.T.S.

ENGINEERING DEPARTMENT

DETAIL 04.05.01