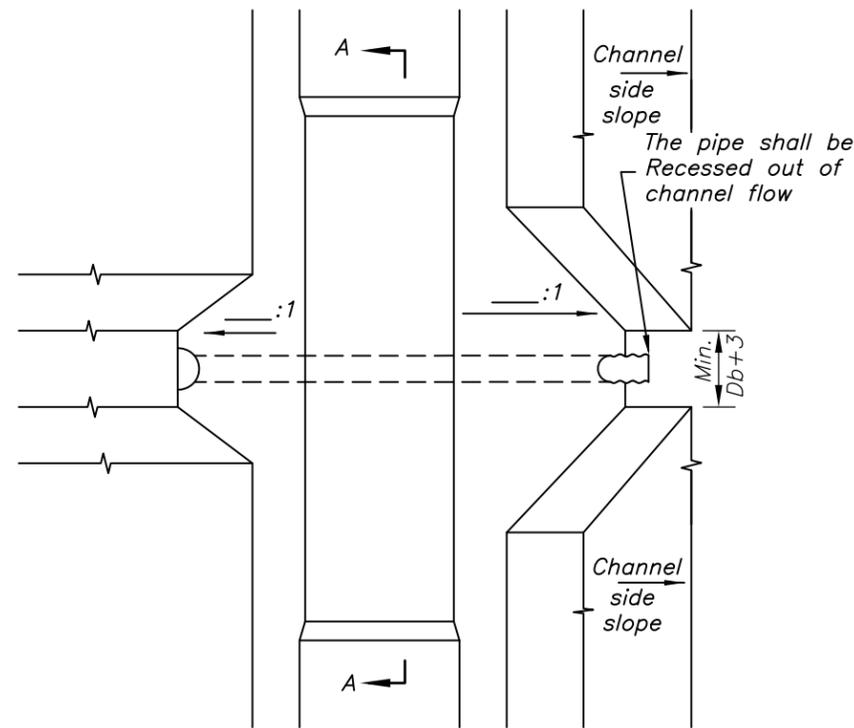


ELEVATION

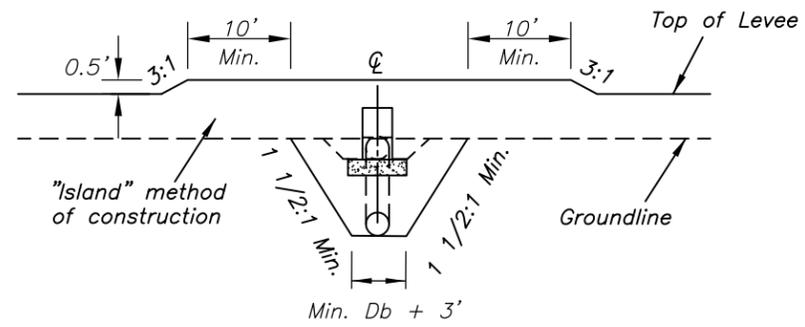
NOTES:

1. Riser shall be constructed of one half a corrugated metal pipe cut along the centerline. C3 x5 channel shall be attached as shown. Damaged coating at the weld locations on the riser shall be repaired according to manufacturer's recommendations. The channels shall be painted with the same material used to repair the coating.
2. The channels for the stop logs and angle braces shall be aluminum or galvanized steel and attached with flat head bolts flush mounted. All metal hardware shall be galvanized or stainless steel.
3. The maximum pipe slope shall be 0.125 ft/ft.
4. The pipe outlet shall be 2 feet or barrel diam. above the outlet channel, whichever is less.
5. Lumber used for stop-logs shall be 2"x6" nominal Southern Yellow Pine (SYP) No. 2 Pressure treated to 0.4 pounds retention or equivalent. This is suitable for a maximum weir length of 4 feet and a maximum water depth of 4 feet. Use tongue and groove or equivalent for watertightness if needed. Tongue and Groove (Yes) (No)
6. For additional details see Missouri Construction Specification 410-B.
7. Anti-seep collars shall conform to Missouri Standard Drawing 29-L-221 or equivalent.

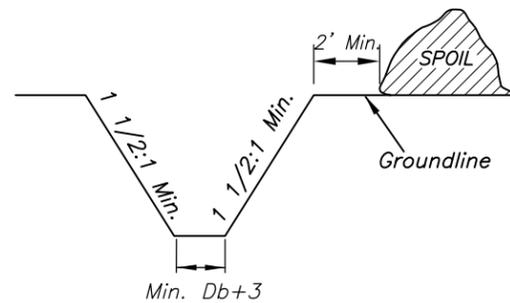
Barrel Length _____



PLAN



SECTION A-A



TRENCH EXCAVATION

Date	
Designed	
Drawn	
Checked	
Approved	

**CMP VARIABLE WEIR INLET
WATER CONTROL STRUCTURE**

United States Department of Agriculture
Natural Resources Conservation Service



File Name	
Drawing Name	29-N-416

DRAFT
NOT FOR
CONSTRUCTION