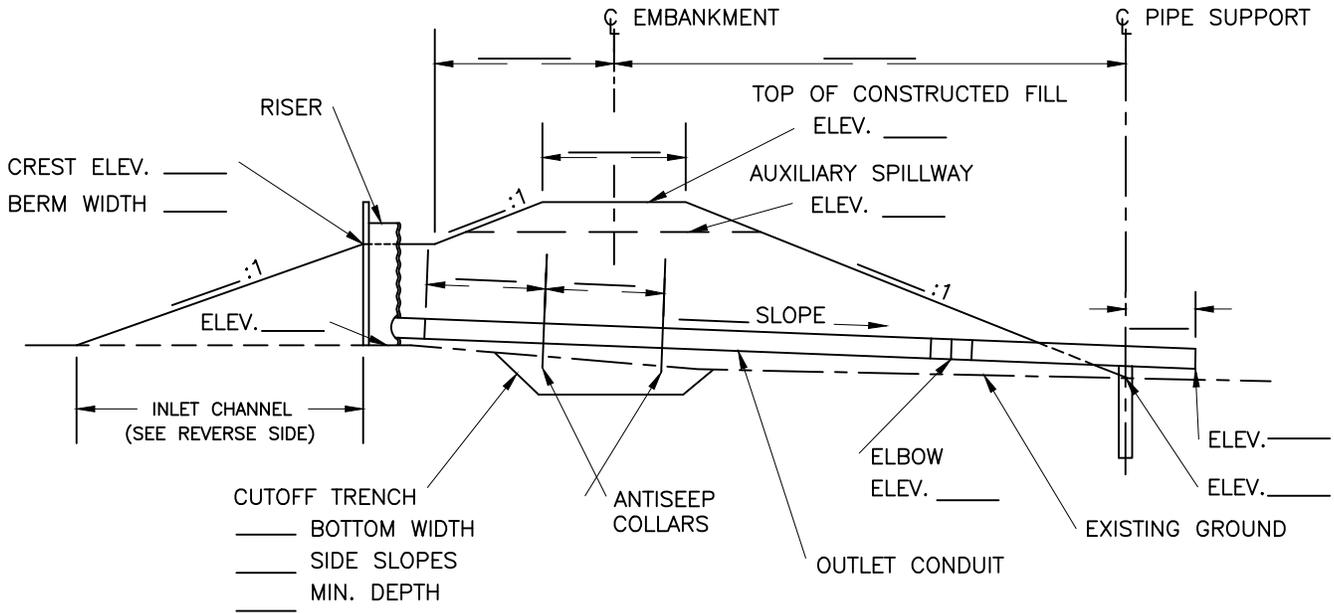


PROFILE ALONG CENTERLINE OF PRINCIPAL SPILLWAY



ESTIMATE OF MATERIALS

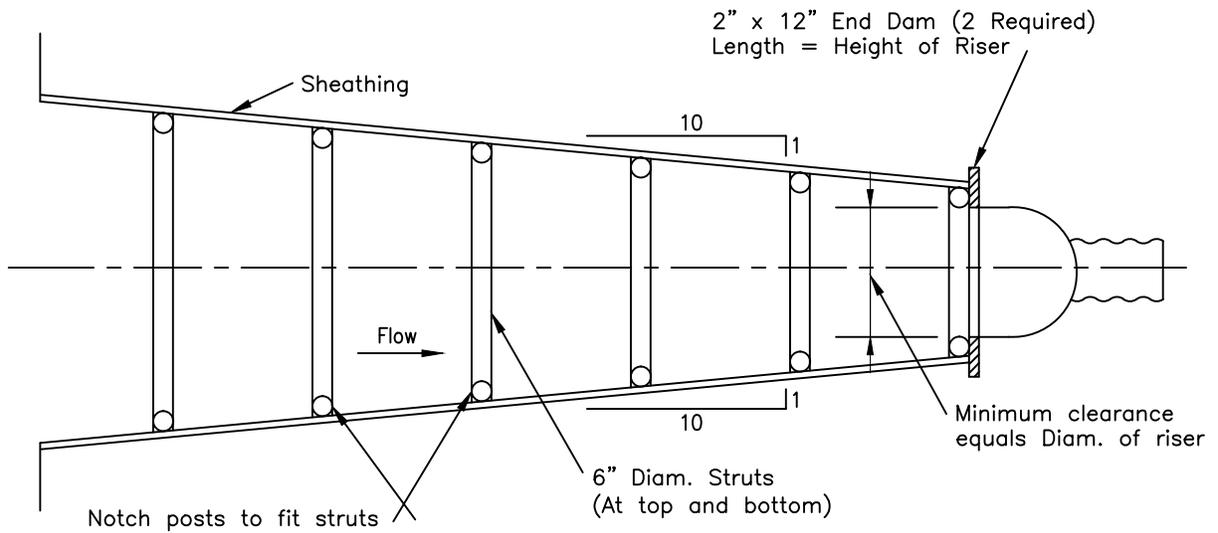
ITEM	QUANTITY	DWG. NO.
CONDUIT _____ IN. DIAM. CMP, METAL THICKNESS _____ (_____ GA.) WITH WATERTIGHT CONNECTIONS (WI CONST. SPEC. 6) -----	_____ LIN. FT.	_____
ELBOW TO MATCH CONDUIT SIZE (WI CONST. SPEC. 6) -----	_____ LIN. FT.	_____
RISER _____ IN. DIAM. CMP, METAL THICKNESS _____ (_____ GA.) INCLUDING A 4 FT. LONG STUB TO MATCH CONDUIT SIZE (WI CONST. SPEC-6)	_____ LIN. FT.	_____
PIPE SUPPORT -----	_____ EACH	_____
INLET CHANNEL		
6" DIAM. POSTS (WI CONST. SPEC. 14) -----	_____ LIN. FT.	_____
6" DIAM. STRUTS (WI CONST. SPEC. 14) -----	_____ LIN. FT.	_____
2" x 12" END DAM (WI CONST. SPEC. 14) -----	_____ LIN. FT.	_____
2" x _____" SHEATHING (WI CONST. SPEC. 14) -----	_____ LIN. FT.	_____
STOP LOGS _____ THICKNESS (NOMINAL) -----	_____ LIN. FT.	_____
ANTISEEP COLLARS (WI CONST. SPEC. 6) -----	_____ NO.	_____
16d MIN. RING SHANK SPIKES -----	AS NEEDED	_____

NOTES:

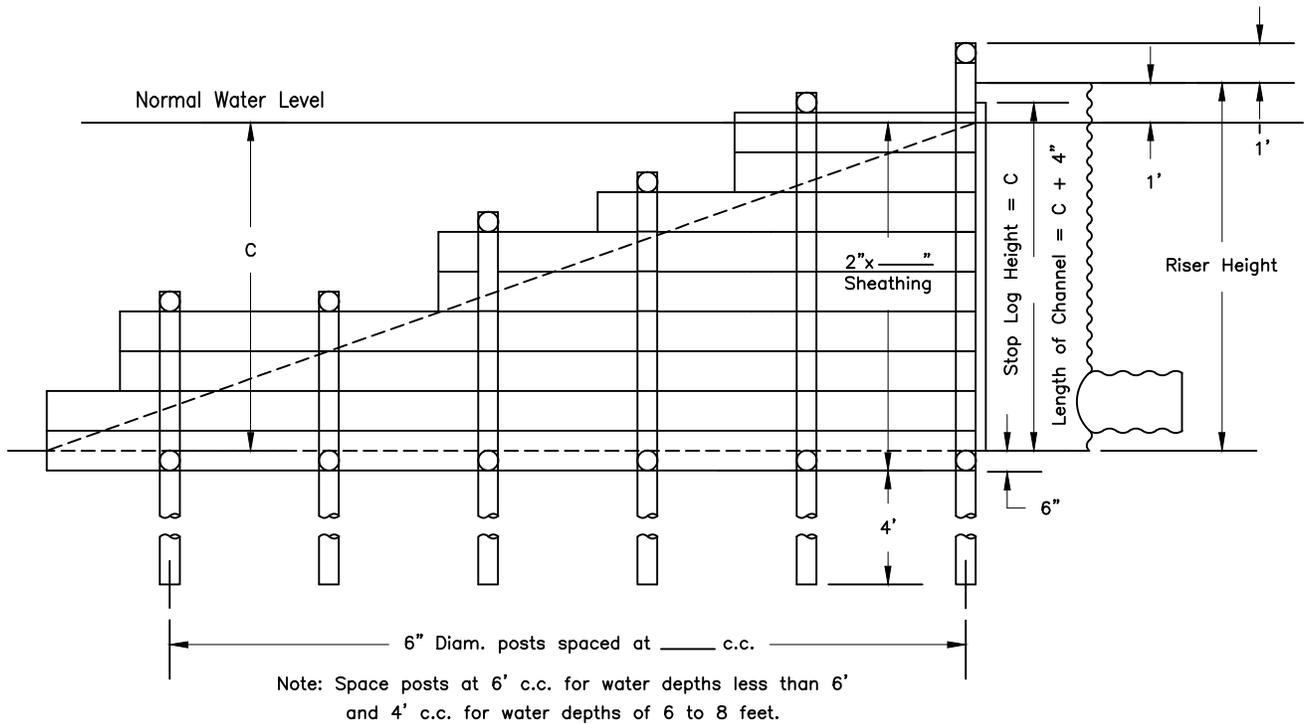
1. THE MOST PERVIOUS FILL IS TO BE PLACED IN THE DOWNSTREAM 1/3 OF THE DAM.
2. CORRUGATED METAL PIPE SHALL HAVE WATERTIGHT CONNECTIONS.

THIS STANDARDIZED DESIGN MUST BE ADAPTED TO THE SPECIFIC SITE.

 <p>United States Department of Agriculture</p> <p>Natural Resources Conservation Service</p>	<p>WATER LEVEL CONTROL STRUCTURE WITH HALF ROUND RISER</p>	Designed _____ Date _____	File Name WI-104
		Drawn _____	Date 07/14
		Checked _____	Sheet _____ of _____
		Approved _____	
CLIENT: _____ COUNTY: _____			



PLAN VIEW OF INLET CHANNEL



SECTION ON CENTERLINE OF INLET CHANNEL

(Showing 8' depth of water)

NOTE: USE MINIMUM 16d RING SHANK SPIKES TO SECURE SHEATHING, STRUTS, & END DAM PLANK TO THE POSTS. AT LEAST TWO SPIKES PER PLANK ARE NEEDED AT EACH POST. USE THREE SPIKES AT EACH END OF EACH STRUT. SPIKE AT 2" c.c. ALONG END DAM.