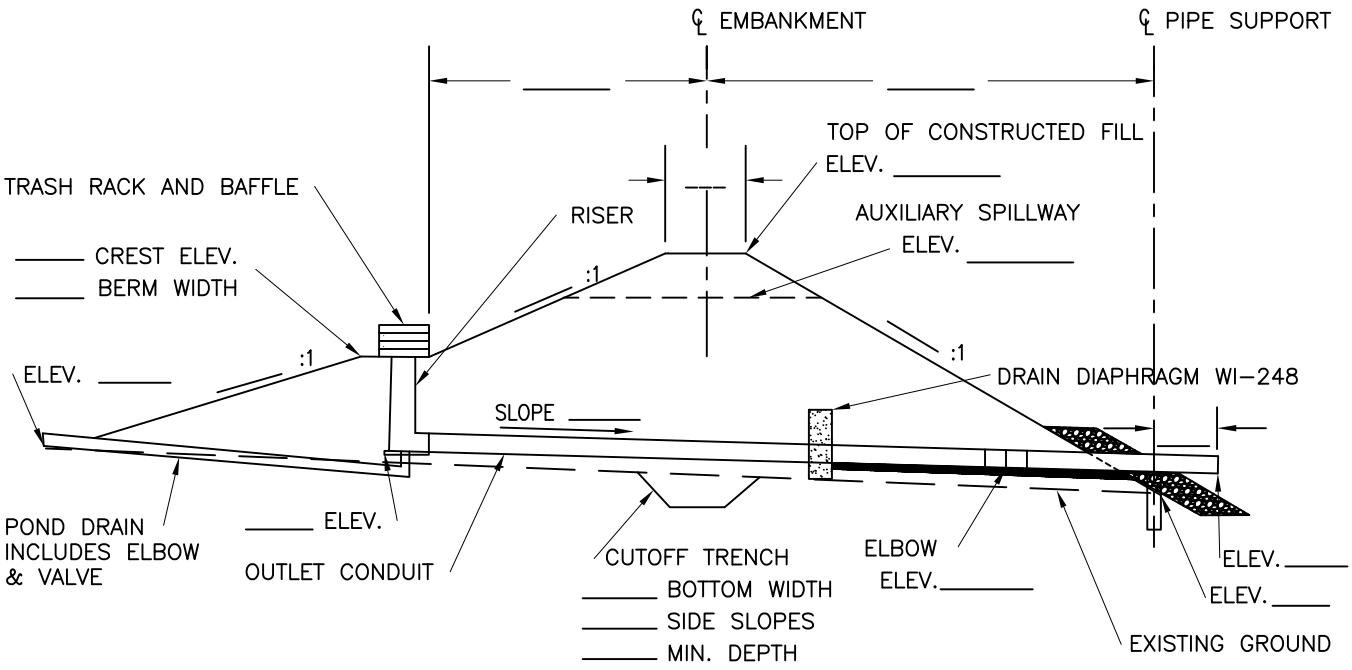
PROFILE ALONG CENTERLINE OF PRINCIPAL SPILLWAY



ESTIMATE OF MATERIALS		
ITEM	QUANTITY	DWG. NO.
POND DRAIN _____ IN. DIAM. CMP, METAL THICKNESS _____ (_____ GA.) (WI CONST. SPEC. 6)	_____ LIN. FT.	_____
DRAIN VALVE _____ IN. DIAM. WITH TYPE _____ FRAME	_____ EACH	_____
OUTLET 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' LONG STUB TO MATCH CONDUIT SIZE (WI CONST. SPEC. 6)	_____ LIN. FT.	_____
TRASH RACK AND BAFFLE PLATE	_____ EACH	_____
PIPE SUPPORT	_____ EACH	_____
DRAIN DIAPHRAGM	1 EACH	WI-248

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.

USDA United States Department of Agriculture Natural Resources Conservation Service	C.M. PIPE DROP INLET with POND DRAIN and DRAIN DIAPHRAGM CLIENT: _____ COUNTY: _____	Date Designed _____ Drawn _____ Checked _____ Approved _____	File Name WI-101C Date 06/14 Sheet of