USBR TYPE VI BASIN CHECKLIST

Project No. _____

Designer _____ Date _____

Reviewer _____ Date _____

DETERMINE BASIN WIDTH, W (*IDM* Figure 34-9B)	TRIAL 1	FINAL TRIAL	CHECK OUTLET VELOCITY, V_o			
Equivalent Depth, d_E			H_L/H_o (*IDM* Figure 34-9D)			
V_o (ft/s)			$H_L = (H_L/H_o)H_o$			
$H_o = d_E+V_o^2/2g$			$H_e = H_o - H_L$			
Froude No, Fr			d_B			
H_o/W			$V_B = (Q/W)/d_B$			
$W = H_o/(H_o/W)$			$(H_e)_T = d_B+V_B^2/2g$			

BASIN DIMENSIONS (FEET) FROM *IDM* FIGURE 34-9C

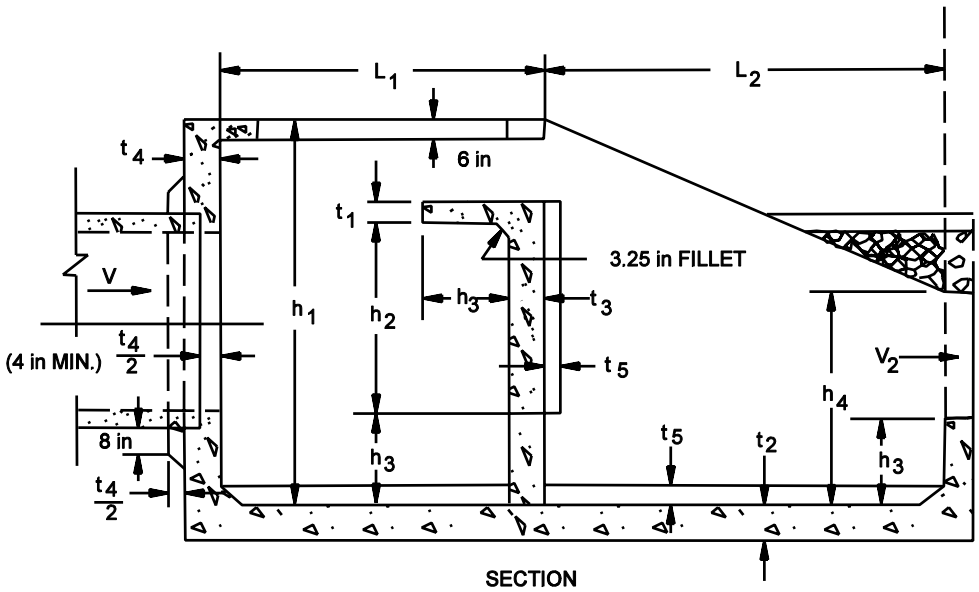
W	h_1	h_2	h_3	h_4	L	L_1	L_2
W	W_1	W_2	t_1	t_2	t_3	t_4	t_5

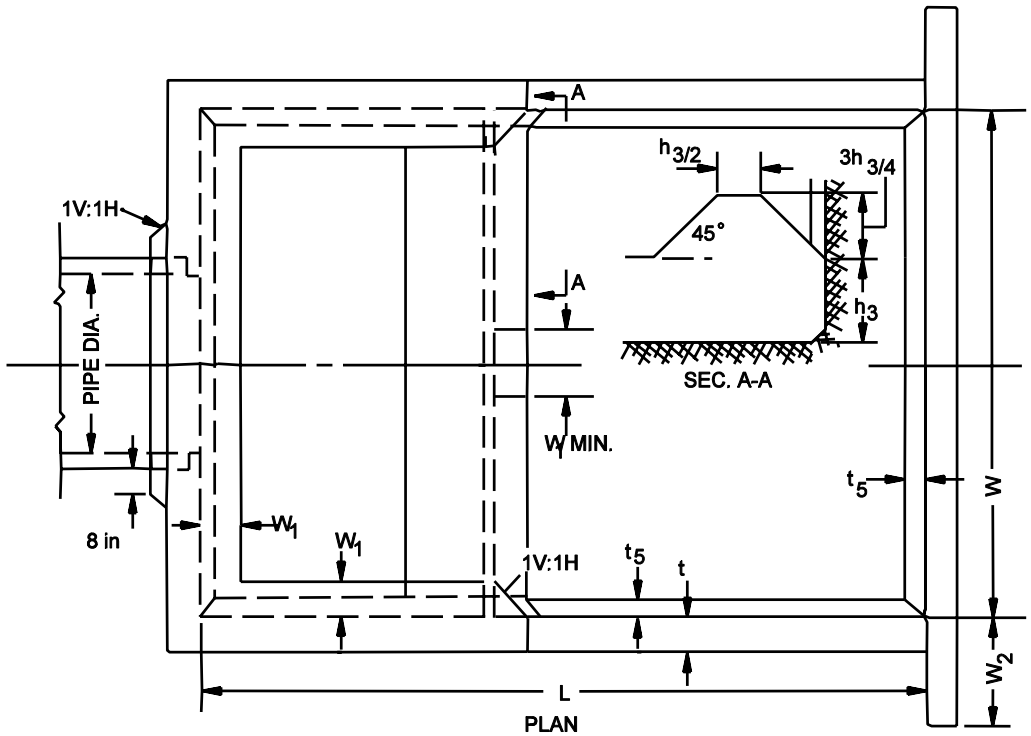
Click When Done

Clear Data

USBR Basin Type VI Details (Design Example)

Back To Design Example





USBR BASIN TYPE VI DETAILS
(Design Example)