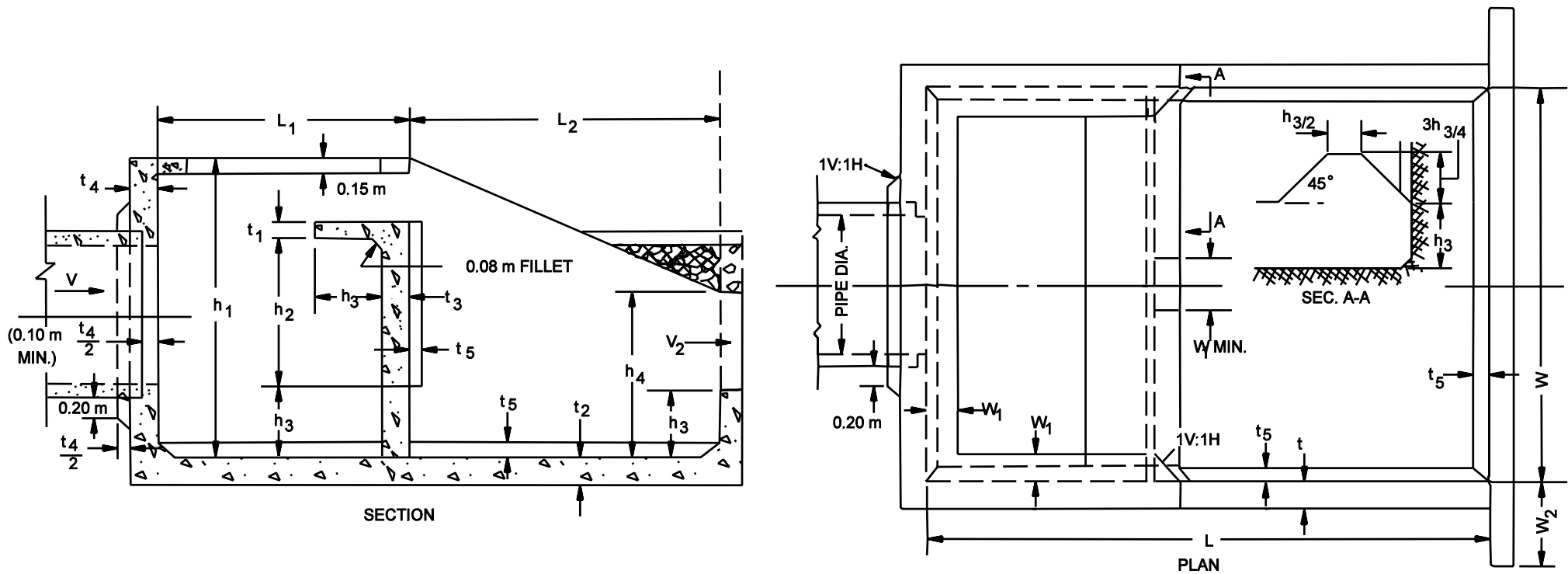


USBR TYPE VI BASIN CHECKLIST

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 (m/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 (METERS) 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



USBR BASIN TYPE VI DETAILS
(Design Example)