

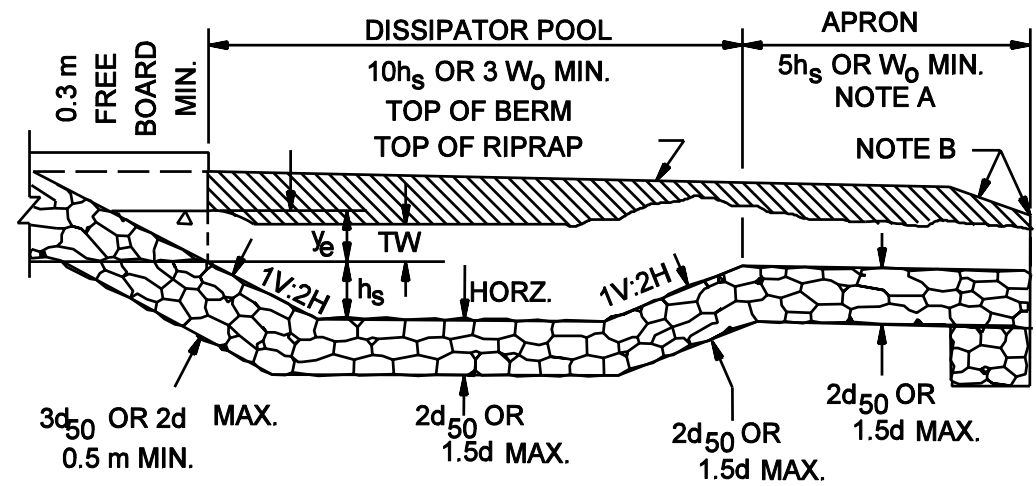
RIPRAP BASIN CHECKLIST

Project No. _____
 Designer _____ Date _____
 Reviewer _____ Date _____

DESIGN VALUES (IDM Figure 34-8B)	TRIAL1	FINAL TRIAL
Equivalent Depth, d_E		
D_{50}/d_E		
D_{50}		
Froude No., Fr		
h_s/d_E		
h_s		
h_s/D_{50}		
$2 < h_s/D_{50} < 4$		

TAILWATER CHECK	
Tailwater, TW	
Equivalent depth, d_E	
TW/ d_E	
IF TW/ $d_E > 0.75$, calculate riprap downstream using <i>IDM</i> Figure 34-8D	
$D_E = (4A_c/\pi)^{0.5}$	

DOWNSTREAM RIPRAP (<i>IDM</i> Figure 34-8D)				
L/D _E	L	V _L /V _o	V _L	D ₅₀



RIPRAP BASIN DESIGN EXAMPLE DETAILS