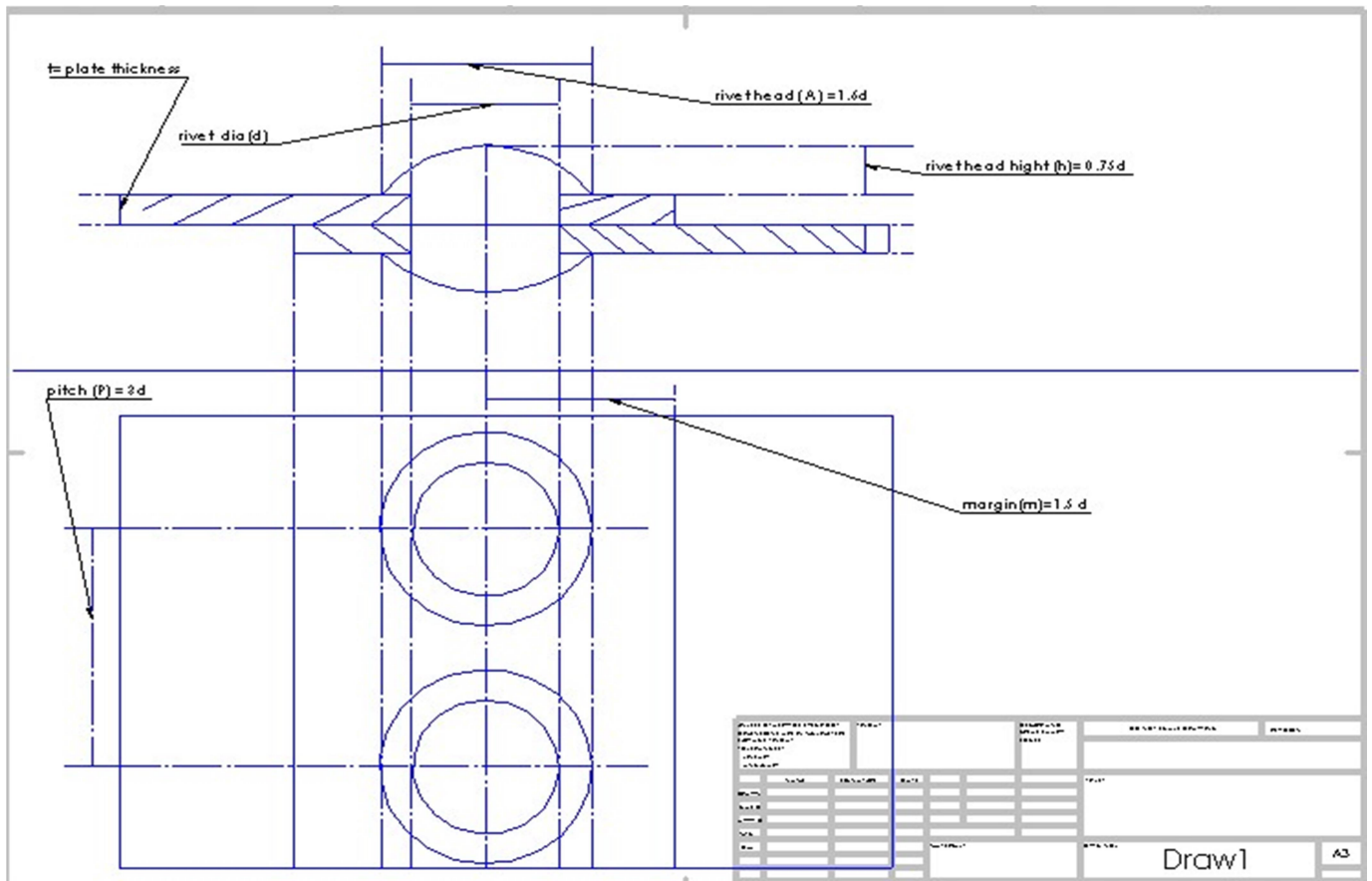


Q.1 Draw sectional view of a single riveted lap joint plate thickness $t = 20$ mm.

Sol. $t = 20$ mm

Rivet dia $d = 6\sqrt{t}$; $A = 1.6 d$;

Pitch (P) = $3d$; $H = .75 d$; margin (m) = $1.5 d$

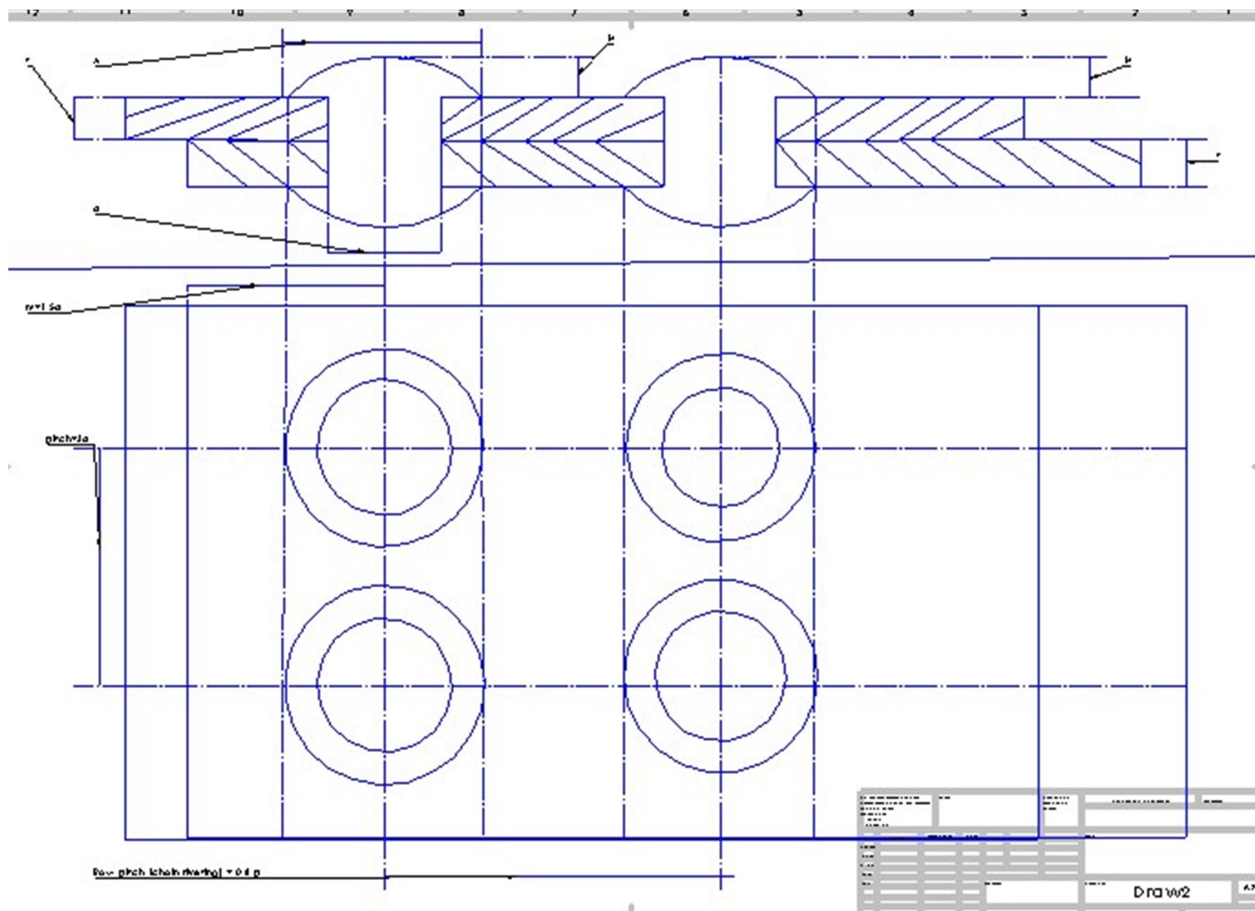


Q.2 Draw sectional view of a double riveted chain lap joint plate thickness $t = 20$ mm.

Sol. $t = 20$ mm

Rivet dia $d = 6\sqrt{t}$; $A = 1.6 d$;

Pitch (P) = $3d$; $H = .75 d$; margin (m) = $1.5 d$; back pitch (P_b) = $0.8p$



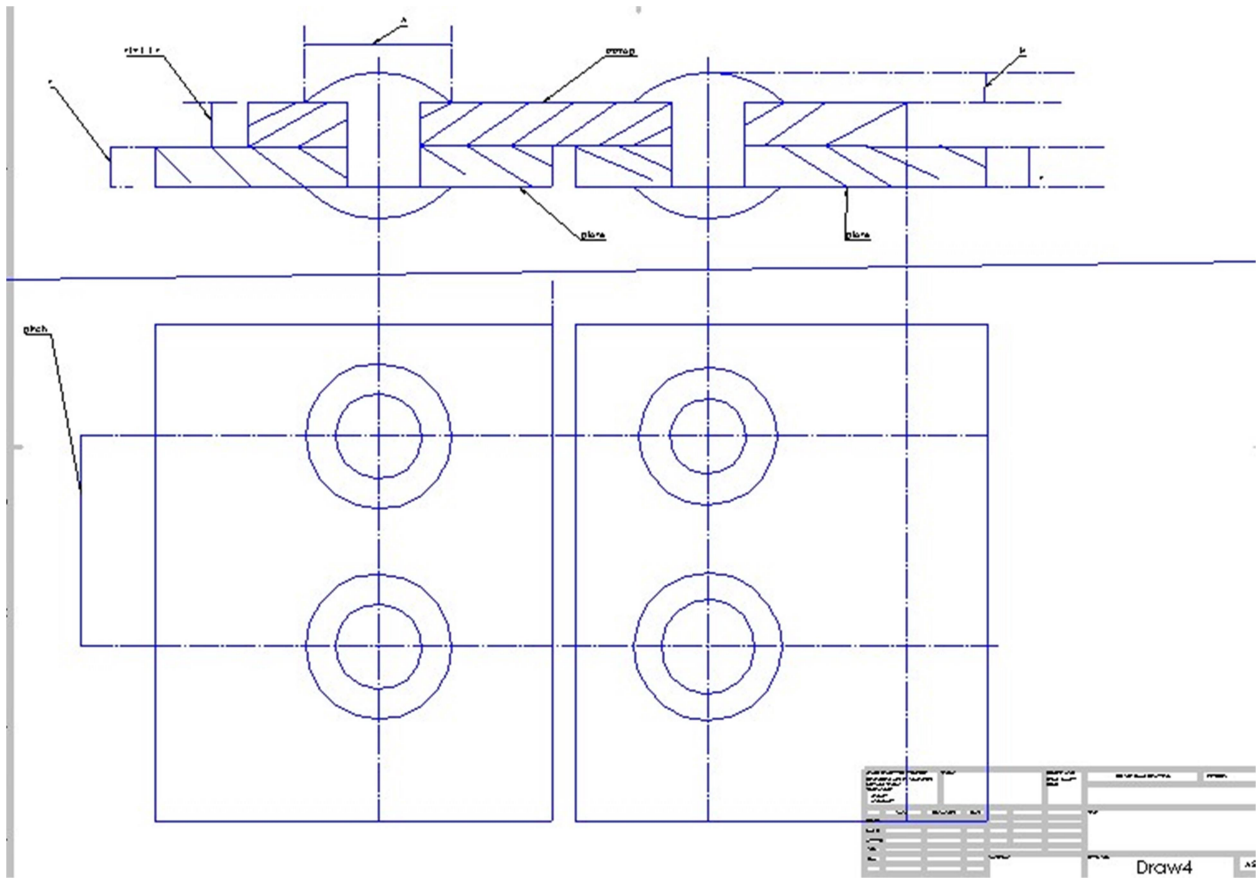
Q.3 Draw sectional view of a single strap single riveted butt joint plate thickness $t = 20$ mm.

Sol. . $t = 20$ mm

Rivet dia $d = 6\sqrt{t}$; $A = 1.6 d$;

Pitch (P) = $3d$; $H = .75 d$; margin (m) = $1.5 d$; back pitch (P_b) = $0.8p$

Strip thickness (t_1) = $1.1t$



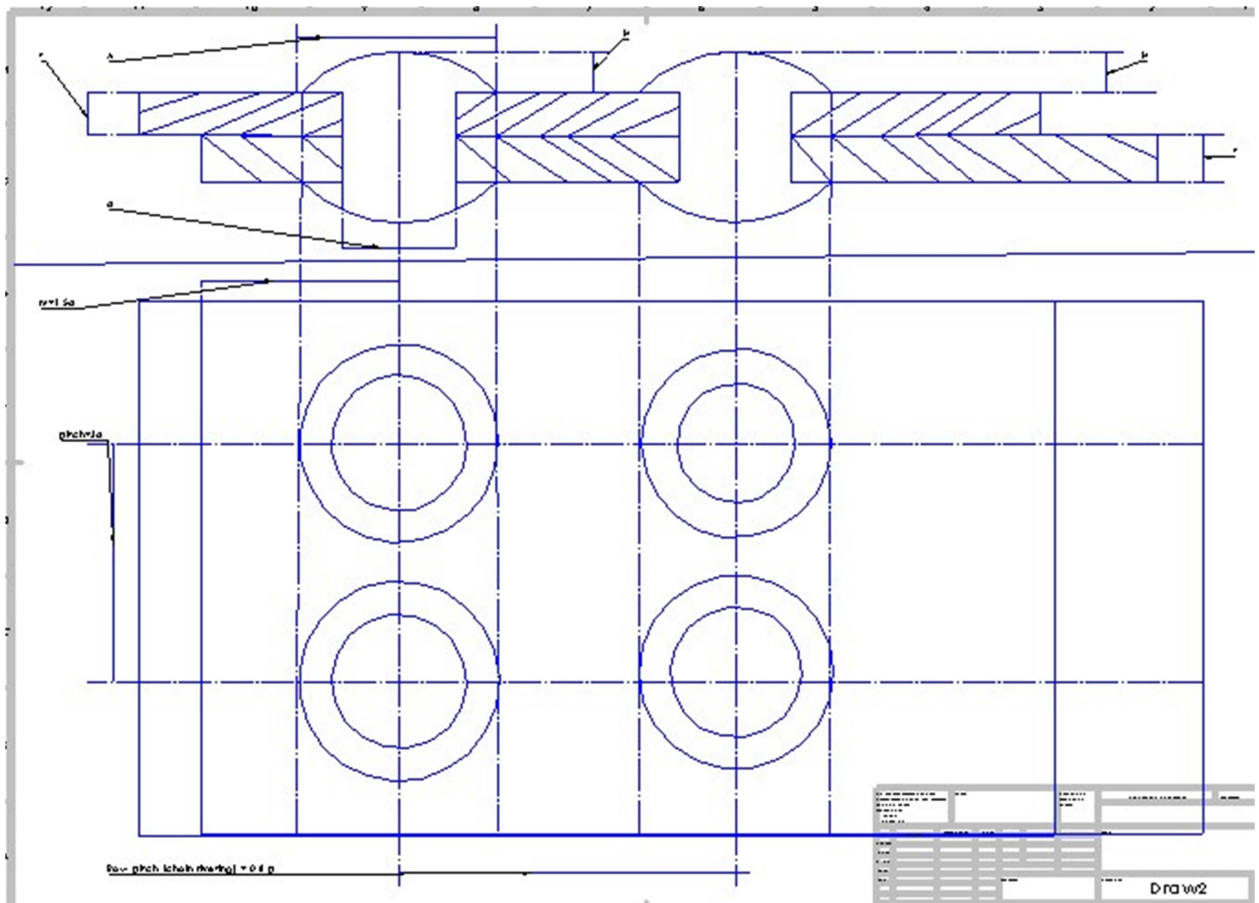
Q.4 Draw sectional view of a single strap double riveted chain butt joint plate thickness $t = 20$ mm.

Sol. . $t = 20$ mm

Rivet dia $d = 6\sqrt{t}$; $A = 1.6 d$;

Pitch $(P) = 3d$; $H = .75 d$; margin $(m) = 1.5 d$; back pitch $(P_b) = 0.8p$

Strip thickness $(t_1) = 1.1t$



rv1 50

qch72a

Rev: qch72a (Rev. 01)

REVISIONS		APPROVALS	
NO.	DESCRIPTION	DATE	BY
1	Initial Release		
2			
3			
4			
5			
6			
7			
8			
9			
10			

Dra w2