Caisson	corner joint	interior joint	stretcher joint	timber size	fastener type	length (ft)	width (ft)
C1-1	pin only	pin only	random butt	8"-18" diameter	trunnel	100	50
C1-2	pin only	pin only	random butt	8"-18" diameter	trunnel	100	50
C1-3	pin only	pin only	random butt	8"-18" diameter	trunnel	100	50
C1-4	pin only	pin only	random butt	8"-18" diameter	trunnel	100	50
C1-5	pin only	pin only	random butt	8"-18" diameter	trunnel	100	50
C1-6	pin only	pin only	random butt	8"-18" diameter	trunnel	100	50
C2-1	pin only	pin only	random butt	8"-18" diameter	trunnel	100	50
C2-2	pin only	pin only	random butt	8"-18" diameter	trunnel	100	50
C2-3	pin only	pin only	random butt	8"-18" diameter	trunnel	100	50
C2-4	pin only	pin only	random butt	8"-18" diameter	trunnel	100	50
C2-5	pin only	pin only	random butt	8"-18" diameter	trunnel	100	50
C2-6	pin only	pin only	random butt	8"-18" diameter	trunnel	100	50
C3-1	modified saddle notch	saddle notch	short half lap	1 x 1	iron pin	93	30
C3-10	modified saddle notch	saddle notch	random butt	1 x 1	iron pin	80	30
C3-2	modified saddle notch	saddle notch	long half lap	1 x 1	iron pin	80	30
C3-3	modified saddle notch	saddle notch	random butt	1 x 1	iron pin	80	30
C3-4	modified saddle notch	saddle notch	random butt	1 x 1	iron pin	80	30
C3-5	modified saddle notch	saddle notch	random butt	1 x 1	iron pin	110	30
C3-6	modified saddle notch	saddle notch	staggered butt	1 x 1	iron pin	80	30
C3-7	modified saddle notch	saddle notch	staggered butt	1 x 1	iron pin	80	30
C3-8	modified saddle notch	saddle notch	staggered butt	1 x 1	iron pin	66	30
C3-9	modified saddle notch	saddle notch	staggered butt	1 x 1	iron pin	80	30
C4-1	modified saddle notch w/modified header	lle notch w/modified he	long half lap	1 x 1	iron pin	110	30
C4-2	modified saddle notch w/modified header	lle notch w/modified he	short half lap	1 x 1	iron pin	110	30
C4-3	modified saddle notch w/modified header	lle notch w/modified he	short scarph joint	1 x 1	iron pin	100	30
C4-5	modified saddle notch	saddle notch	long half lap	1 x 1	iron pin	80	30
C4-6	modified saddle notch	saddle notch	long half lap	1 x 1	iron pin	30	30
C4-7	modified saddle notch	saddle notch	long half lap	1 x 1	iron pin	110	30
C4-8	modified saddle notch	saddle notch	long half lap	1 x 1	iron pin	90	30
C5-1	end lap (lapped notch)	housed saddle notch	random butt	1 x 1	iron pin	50	24
C5-2	cross lap (protruding lap joint)	housed saddle notch	random butt	1 x 1	iron pin	60	24
C5-3	saddle notch	saddle notch	random butt	1 x 1	iron pin	70	24
C5-4	modified saddle notch	saddle notch	random butt	1 x 1	iron pin	110	24
C5-5	modified saddle notch	saddle notch	short half lap	1 x 1	iron pin	100	30
C5-6	modified saddle notch	saddle notch	left handed short half lap	1 x 1	iron pin	165**	30
C5-7	modified saddle notch	saddle notch	short half lap	1 x 1	iron pin	110	30
C5-8	modified saddle notch	saddle notch	short half lap	1 x 1	iron pin	30	30
C6-1	housed saddle notch (offset from corner by 2-3 feet)	housed saddle notch	staggered butt	1 x 1	iron pin	120**	30
C6-2	housed saddle notch (offset from corner by 2-3 feet)	housed saddle notch	staggered butt	1 x 1	iron pin	40	30
C6-3	housed saddle notch (offset from corner by 2-3 feet)	housed saddle notch	staggered butt	1 x 1	iron pin	45	30
C6-4	oused saddle notch, half height housed saddle notc	notch, half height hous	random butt	1 x 1; 1 x .5	iron pin	40	24
C6-5	oused saddle notch, half height housed saddle notc	notch, half height hous	random butt	1 x 1; 1 x .5	iron pin	40	24
C6-6	oused saddle notch, half height housed saddle notc	notch, half height hous	random butt	1 x 1; 1 x .5	iron pin	40	24
C6-7	housed saddle notch (offset from corner by 2-3 feet)	housed saddle notch	staggered butt	1 x 1	iron pin	120**	30
C7-1	end lap (lapped notch)	housed saddle notch	staggered butt	1 x 1	iron pin	40	24
C7-2	housed saddle notch	housed saddle notch	staggered butt	1 x 1	iron pin	40	24
C7-3	housed saddle notch	housed saddle notch	staggered butt	1 x 1	iron pin	40	24
C7-4	housed saddle notch	housed saddle notch	staggered butt	1 x 1	iron pin	40	24
C7-5	housed saddle notch	housed saddle notch	staggered butt	1 x 1	iron pin	40	24
C7-6	housed saddle notch	housed saddle notch	staggered butt	1 x 1	iron pin	40	24
C7-7	housed saddle notch	housed saddle notch	staggered butt	1 x 1	iron pin	40	24
C7-8	housed saddle notch	housed saddle notch	staggered butt	1 x 1	iron pin	45	24
C7-9	end lap (lapped notch)	housed saddle notch	staggered butt	1 x 1	iron pin	40	24
	** Area of damage. This length probably includes more than one caisson						