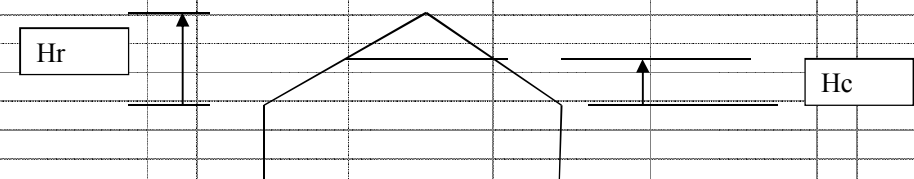


SPF SPAN TABLES FOR FCCIP TOWNS (50LB SNOW LOAD)**

Floor Joist Sleeping Areas(30psf)				Floor Joist Living Areas(40psf)				Ceiling Joist Uninhabitable Attics Without Storage					
	12"o.c.	16"o.c.	24"o.c.		12"o.c.	16"o.c.	24"o.c.	Without Storage (10psf)					
								12"o.c.	16"o.c.	24"o.c.			
2x6	11-3	10-3	8-11	2x6	10-3	9-4	8-1	2x4	11-10	10-9	9-5		
2x8	14-11	13-6	11-6	2x8	13-6	12-3	10-3	2x6	18-8	16-11	14-9		
2x10	19-0	17-2	14-1	2x10	17-3	15-5	12-7	2x8	24-7	22-4	18-9		
2x12	23-0	19-11	16-3	2x12	20-7	17-10	14-7	2x10	*	*	22-11		
Ceiling Joist Uninhabitable Attics With Limited Storage (20psf)													
	12"o.c.	16"o.c.	24"o.c.										
2x4	9-5	8-7	7-2										
2x6	14-9	12-10	10-6										
2x8	18-9	16-3	13-3										
2x10	22-11	19-10	16-3										
Rafters fastened to ceiling joists At top of wall				Rafter span for Ceil Joist raised Hc/Hr= 1/3 (.67 multiplier)				Rafter span for Ceil Joist raised Hc/Hr= 1/4 (.76 multiplier)					
	12"o.c.	16"o.c.	24"o.c.		12"o.c.	16"o.c.	24"o.c.		12"o.c.	16"o.c.	24"o.c.		
2x4	6-11	6-4	5-5	2x4	4-8	4-3	3-8	2x4	5-3	4-10	4-1		
2x6	10-11	9-9	7-11	2x6	7-4	6-6	5-4	2x6	8-4	7-5	6-0		
2x8	14-3	12-4	10-1	2x8	9-7	8-3	6-9	2x8	10-10	9-4	7-8		
2x10	17-5	15-1	12-4	2x10	11-8	10-1	8-3	2x10	13-3	11-6	9-4		
2x12	20-2	17-6	14-3	2x12	13-6	11-9	9-7	2x12	15-4	13-4	10-10		
Rafter span for Ceil Joist raised Hc/Hr= 1/5 (.83 multiplier)				Rafter span for Ceil Joist raised Hc/Hr= 1/6 (.9 multiplier)				Rafter span for Ceil Joist raised Hc/Hr= 1/7.5 and less(1.0)					
	12"o.c.	16"o.c.	24"o.c.		12"o.c.	16"o.c.	24"o.c.		12"o.c.	16"o.c.	24"o.c.		
2x4	5-9	5-3	4-6	2x4	6-3	5-8	4-11	2x4	6-11	6-4	5-5		
2x6	9-1	8-1	6-7	2x6	9-10	8-9	7-2	2x6	10-11	9-9	7-11		
2x8	11-10	10-3	8-4	2x8	12-10	11-1	9-1	2x8	14-3	12-4	10-1		
2x10	14-5	12-6	10-3	2x10	15-8	13-7	11-1	2x10	17-5	15-1	12-4		
2x12	16-9	14-6	11-10	2x12	18-2	15-9	12-10	2x12	20-2	17-6	14-3		

*Exceeds 26' span



*** This template has been extrapolated from Table R802.5.1(5) for spruce-pine-fir #2 rafters spans with ceiling attached to rafters and will be used as a guide to insure compliance. Builders/designers should verify accuracy for individual projects.**