



(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(17)	(16)	(19)	(20)	(21)	(22)
36'	2"x8"x12'0"	9'10"	6'10 1/2"	2"x8"x12'0"	4'6 1/2"	11'1 1/2"	2"x4"x9'0"	4'6"	4"x12"	2	6"x12"	4	6"x19"	6	52.0	15.2	1013	1428	-271	136
36'	2"x10"x12'0"	9'10"	6'10 1/2"	2"x10"x12'0"	4'6 1/2"	11'1 1/2"	2"x6"x9'0"	4'6"	6"x12"	3	8"x16"	7	8"x24"	9	85.6	24.5	1564	2164	-614	212
38'	2"x10"x14'0"	11'5 5/8"	8'0 3/8"	2"x10"x12'0"	4'10 3/8"	10'11 5/8"	2"x4"x10'0"	5'0"	4"x12"	2	8"x12"	6	8"x24"	8	77.0	18.5	1369	2035	-328	184
40'	2"x10"x14'0"	11'7 3/8"	7'9 7/8"	2"x10"x14'0"	6'11 1/8"	12'2 1/8"	2"x6"x10'0"	5'0"	4"x12"	2	8"x16"	7	8"x24"	9	57.0	15.2	1048	1696	-125	208
40'	2"x12"x14'0"	11'7 3/8"	7'9 7/8"	2"x12"x14'0"	6'11 1/8"	12'2 1/8"	2"x6"x10'0"	5'0"	6"x12"	3	9 1/2"x16"	10	8"x26"	13	85.4	22.3	1491	2375	-342	300
42'	2"x10"x14'0"	11'5 5/8"	8'0 3/8"	2"x10"x14'0"	5'3 1/2"	12'11 5/8"	2"x4"x10'0"	5'0"	4"x12"	2	8"x12"	6	8"x24"	8	62.8	17.7	1388	1942	-425	184
44'	2"x12"x16'0"	13'1 3/8"	9'2 1/8"	2"x12"x14'0"	5'7 3/8"	12'9 7/8"	2"x6"x12'0"	6'0"	6"x12"	3	8"x16"	7	8"x24"	9	85.2	21.3	1757	2577	-507	212
46'	2"x12"x16'0"	13'3 1/8"	8'11 3/8"	2"x12"x16'0"	7'7 7/8"	14'0 5/8"	2"x6"x12'0"	6'0"	4"x12"	2	8"x16"	8	8"x24"	11	65.9	17.8	1390	2196	-274	248
48'	2"x12"x16'0"	13'1 3/8"	9'2 1/8"	2"x12"x16'0"	6'0 1/2"	14'9 7/8"	2"x6"x12'0"	6'0"	6"x12"	3	8"x16"	7	8"x24"	10	70.9	20.5	1765	2457	-621	228
50'	2"x12"x18'0"	14'8 7/8"	10'3 7/8"	2"x12"x16'0"	6'4 3/8"	14'8 1/8"	2"x6"x13'0"	6'6"	6"x12"	3	8"x12"	6	8"x24"	9	65.1	16.5	1591	2342	-365	204

COOPERATIVE EXTENSION SERVICE  
AGRICULTURE AND HOME ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

BRACED RAFTER DESIGN DATA  
36'-50' SPANS

C.P.S. '88 64II SHEET 1 OF 1