

CAPACITY BASED ON CROSSGRAIN BEARING

(VARIES FROM 200 PSI TO 1000 PSI DEPENDING ON WOOD SPECIES
500 PSI IS USED HERE - EXAMPLE $500 \times 3.5 \times 3.5 \times 4 = 24,000$)

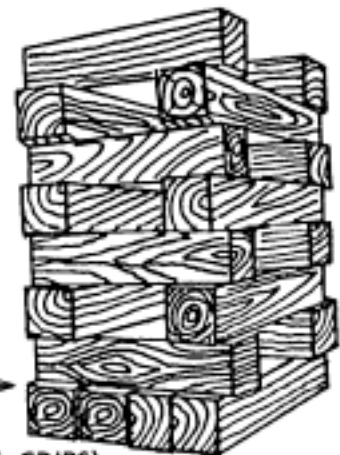
FOR 2 MEMBER x 2 MEMBER LAYOUT

4 x 4 CRIB CAPACITY = 24,000 LBS (12 TONS)

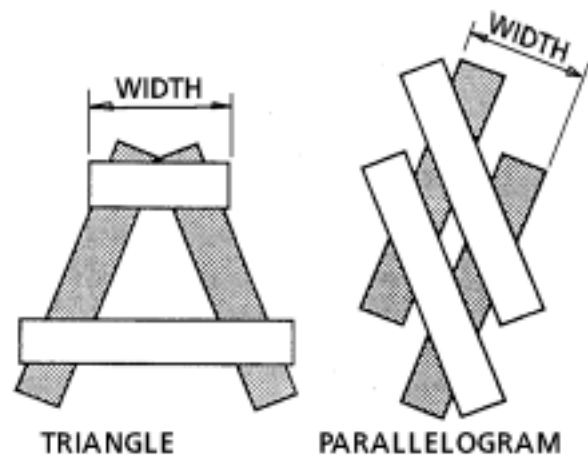
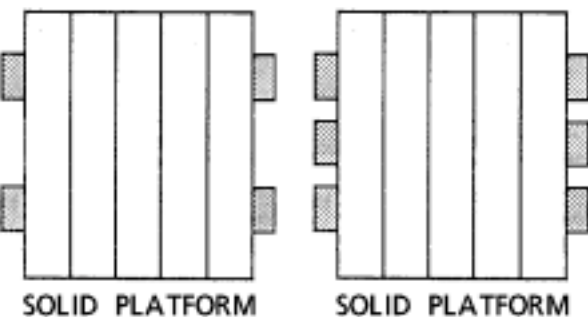
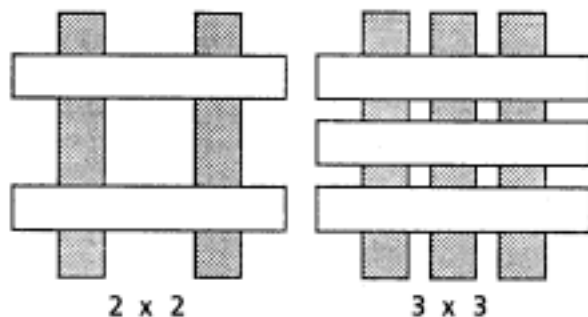
6 x 6 CRIB CAPACITY = 60,000 LBS (30 TONS)

FOR 3 MEMBER x 3 MEMBER CRIB, CAPACITY IS 9/4 AS MUCH
 $500 \times 3.5'' \times 3.5'' \times 9 = 55,000$, $500 \times 5.5'' \times 5.5'' \times 9 = 136,000$

- BOTTOM LAYER SHOULD BE SOLID TO SPREAD THE LOAD ESPECIALLY ON SOIL OR ASPHALT PAVING
- LIMIT HEIGHT TO 3 TIMES WIDTH (SHORTEST WIDTH FOR NON-SQUARE CRIBS)
- OVERLAP CORNERS BY 4 INCHES TO ASSURE SLOW CRUSH TYPE FAILURE



SHOR-4r 9/98



BOTH ARE NOT VERY STABLE, KEEP HEIGHT TO WIDTH WITHIN 1 TO 1

