

## STAGE RIGGING LOADING CRITERIA NARRATIVE

1. THE TOTAL RIGGING LOAD FOR AN END STAGE OR CENTER STAGE SETUP SHALL NOT EXCEED 120,000 lbs AND SHALL BE APPLIED WITHIN THE GUIDELINES GIVEN BELOW.
2. RIGGING LOADS MAY BE APPLIED ONLY TO BOTTOM CHORD LEVEL MEMBERS MARKED (5) ONLY. NO OTHER STEEL MEMBERS SUCH AS ROOF JOINTS, TRUSS DIAGONALS OR TOP CHORDS, ROOF BEAMS, CATWALK OR PLATFORMS, ETC. SHALL BE USED TO SUSPEND RIGGING LOADS.
3. THE MAXIMUM TOTAL LOAD FOR ANY BEAM SPAN SECTION OR TRUSS BOTTOM CHORD SPAN SECTION DESIGNATED WITH A (5) SHALL BE 5,000 lbs. EACH (5) REPRESENTS A 5,000 lbs. LOAD THAT MAY BE APPLIED AS A SINGLE POINT LOAD OR DISTRIBUTED IN ANY MANNER ALONG THE SPAN SECTION.
4. THE MAXIMUM ANGLE FROM VERTICAL THAT A LOAD MAY BE APPLIED IS 30°



ANGLED LOAD



VERTICAL LOAD ONLY AT (5) MEMBERS

5. THE SUM OF ALL RIGGING LOADS TRIBUTARY AND/OR APPLIED DIRECTLY TO THE MAIN TRUSSES SHALL BE AS FOLLOWS:

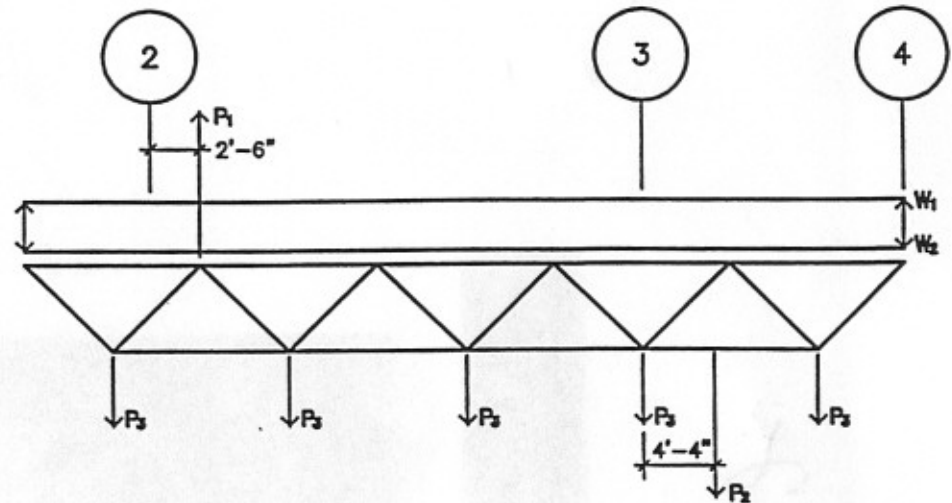
MAIN TRUSS  
T1, T2, T3, T4

MAX TOTAL LOAD  
60k

6. MEMBER SPANS DESIGNATED WITH A (5) SHALL BE IDENTIFIED WITH 2" TALL WHITE LETTERS PAINTED ON EACH SIDE AT THE CENTER OF EACH SPAN SECTION AS FOLLOWS:

"RIGGING BEAM - TOTAL MAX LOAD = 5,000 lbs"

## JOIST LOADING DIAGRAM



$W_1$ : DL = 114 lb/ft  
LL = 285 lb/ft

$W_2$ : WL = 133 lb/ft (UPLIFT)

$P_1$ : DL = 2 k  
LL = 3 k

$P_2$ : LL = 4 k

$P_3$ : LL = 1 k (APPLIED AT EACH PANEL POINT ALONG BOTTOM CHORD)

### NOTES:

1. DEAD LOADS INDICATED DO NOT INCLUDE JOIST SELF WEIGHT.