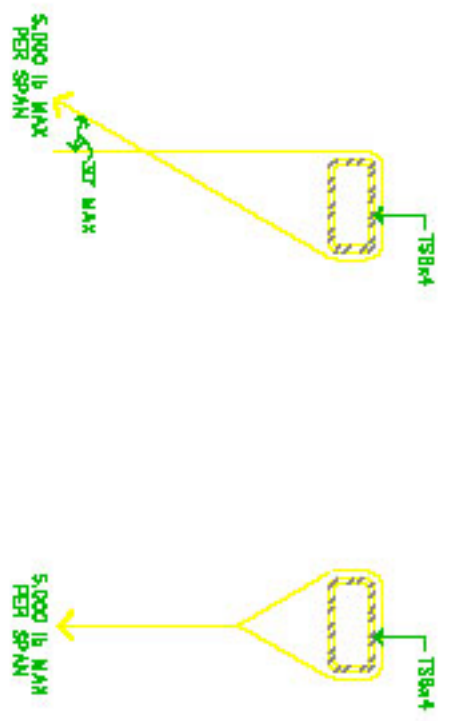


RIGGING GRID PLAN



RIGGING NOTES

1. THE TOTAL RIGGING LOAD FOR AN END STAGE OR CENTER STAGE SETUP SHALL NOT EXCEED 120,000 LB. AND SHALL BE APPLIED WITHIN THE GUIDELINES SET FORTH BELOW.
2. RIGGING LOADS MAY BE APPLIED ONLY TO BOTTOM CHORD LEVEL STRUCTURAL TUBE MEMBERS (TRUSSES) DESIGNATED ON PLAN AS RIGGING BEAMS. RIGGING LOADS SHALL NOT BE APPLIED TO ANY OTHER MEMBERS INCLUDING JOISTS, CATWALKS, MAIN TRUSS MEMBERS, OR BEAMS.
3. THE TOTAL MAXIMUM LOAD ON ANY SPAN OF A RIGGING BEAM SHALL NOT EXCEED 2000 LB. THE RIGGING LOAD MAY BE DISTRIBUTED IN ANY MANNER ALONG THE SPAN AS LONG AS THE TOTAL LOAD PER SPAN DOES NOT EXCEED 5000 LB.
4. RIGGING LOADS MAY BE ANGLED OR BRIDLED FROM RIGGING BEAMS UP TO A MAXIMUM ANGLE OF 30 DEGREES FROM VERTICAL. (SEE FIGURE)
5. THE TOTAL RIGGING LOAD TRIBUTARY (RIGGING BEAM REACTIONS) TO EACH JOIST SHALL NOT EXCEED 20,000 LB. THUS, THE JOISTS WITHIN THE RIGGING GRID AREA SHALL BE DESIGNED FOR ANY COMBINATION OF RIGGING LOADS UP TO 10,000 LB. AT ANY NUMBER OF PANEL POINTS WITHIN THE RIGGING GRID WITH A TOTAL MAXIMUM OF 20,000 LB. PER JOIST. THE RIGGING LOADS ARE APPLIED TO THE JOISTS AS REACTIONS FROM THE RIGGING BEAMS ONLY. RIGGING LOADS SHALL NOT BE APPLIED DIRECTLY TO THE JOISTS.
6. THE TOTAL RIGGING LOAD TRIBUTARY TO EACH TRUSS FRAME TF-1 SHALL NOT EXCEED 60,000 LB.



BRIDLED RIGGING LOADS

VERTICAL RIGGING LOADS

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ELLERBE BECKETT



RIGGING GUIDELINES

18 DECEMBER 2002