



GENERAL NOTES:

THE SCOPE OF THIS DRAWING ONLY COVERS THE BEAMS THEMSELVES AND NOT THEIR SUPPORTING STRUCTURE OR CONNECTIONS. NO ANALYSIS OF THE SUPPORTING STRUCTURE OR CONNECTIONS WAS MADE OR ATTEMPTED. THE RIGGING LOADS PRESENTED IN THIS REPORT ARE ESTIMATED LOADS BASED UPON THE GENERAL BEAM ARRANGEMENT AND BASED ON AN UNLOADED BEAM, UNLESS OTHERWISE NOTED. EXISTING LOADS ALREADY IN PLACE WILL REDUCE THE LOAD CAPACITY PRESENTED IN THIS REPORT. ALLOWANCES HAVE NOT BEEN MADE TO REDUCE THE BEAM LOADS UNDER THE CATWALKS. RIGGING ATTACHED TO BEAMS UNDER SHOULD BE REDUCED ON THAT SECTION OF THE CATWALK CLOSED OFF.

ALL LOADS ARE EXCLUSIVE AND CANNOT BE COMBINED. LOADS ARE ASSIGNED TO BE HUNG STRAIGHT BELOW THE BEAM, UNLESS NOTED OTHERWISE. THESE LOADS SHOULD BE USED CONSERVATIVELY AS THE LOADS OF THE SUPPORTING MEMBERS OR CONNECTIONS MAY GOVERN THE MAXIMUM LOADS.

ANY BEAMS CURRENTLY BENT DEFLECTED OR DAMAGED SHOULD EITHER NOT BE UTILIZED OR SHALL ITS CAPACITY BE REDUCED.

BEAM LOADS:

SEE DIAGRAMS BELOW FOR LABELED BEAM LOADS.

MAIN BEAMS "E" SHALL HAVE A TOTAL LOAD OF 7,000 LBS OR LESS IN ANY CONFIGURATION.

THESE BEAM LOADS ARE NOT INCLUSIVE OF ANY EXISTING LOADS WITH THE EXCEPTION OF THE SUSPENDED CEILING.

MAX LOAD MIDDLE 1/2 OF BEAM

1/4" WF 12" BEAM	1,000 LBS
3/4" WF 12" BEAM	4,000 LBS
1" WF 12" BEAM	500 LBS
1 1/2" WF 12" BEAM	3,500 LBS

1/3 OF BEAM OR LESS

1/4" WF 12" BEAM	1,500 LBS
3/4" WF 12" BEAM	5,000 LBS
1" WF 12" BEAM	500 LBS
1 1/2" WF 12" BEAM	4,000 LBS

1/3 OF BEAM OR LESS

1/4" WF 12" BEAM	700 LBS	700 LBS
3/4" WF 12" BEAM	2,500 LBS	2,500 LBS
1" WF 12" BEAM	300 LBS	300 LBS
1 1/2" WF 12" BEAM	1,800 LBS	1,800 LBS

MAX LOAD AT 1/4 POINTS OF BEAM

1/4" WF 12" BEAM	500 LBS	500 LBS	500 LBS
3/4" WF 12" BEAM	2,000 LBS	2,000 LBS	2,000 LBS
1" WF 12" BEAM	200 LBS	200 LBS	200 LBS
1 1/2" WF 12" BEAM	1,200 LBS	1,200 LBS	1,200 LBS

NOTES:

1. ALL RIGGING DIAGRAMS ARE SUBJECT TO APPROVAL BY HARVEST PRODUCTIONS. DWG OR VWX FILE TYPE IS MANDATORY. NO PDF WILL BE ACCEPTED.
2. POINT LOAD LIMITS WILL CHANGE BASED UPON RIGGING CONFIGURATION IN REGARDS TO APPLIED LOAD TO OVERHEAD BEAMS.
3. SOUND Baffles OBSCURE SOME POINTS LOCATED IN OUTER ARENA AREAS.
4. SOME LIGHTING LOCATIONS (CIRCULAR OBJECTS IN OBSCURED RIGGING LAYER) CAN BE REMOVED AND BEAMS ARE ACCESSIBLE ABOVE FOR RIGGING. (SEE BEAM REFERENCE LAYER).
5. THERE ARE MANY EXISTING PORTS IN CEILING THAT ARE NOT REFLECTED ON THIS DRAWING AND DO NOT REACH BEAMS THAT CAN BE USED FOR RIGGING.
6. EXISTING RIGGING, INCLUDING ARENA SOUND SYSTEM AND SPORTS LIGHTING TRUSSES, ARE PERMANENT AND NON-REMOVABLE. TRIM HIEGHTS CAN BE ADJUSTED, PLEASE INQUIRE AHEAD OF TIME FOR OPTIONS.
7. A SITE VISIT IS STRONGLY RECOMMENDED TO ASSESS RIGGING NEEDS.

