

# \$\$IMGLOGO

TITLE	STEEL SUPPORT CONFIGURATION	UNIT:	6Mx24 INDUCED DRAFT TOWERS	DWG. #	SLIX6M24-DF
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- NOTES:**
- BEAMS SHOULD BE SIZED IN ACCORDANCE WITH ACCEPTED STRUCTURAL PRACTICES. MAXIMUM DEFLECTION OF BEAM UNDER UNIT TO BE 1/360 OF UNIT LENGTH NOT TO EXCEED 1/2" [13mm].
  - DEFLECTION MAY BE CALCULATED BY USING 56% OF THE OPERATING WEIGHT ON THE CENTER BEAM AND 22% ON EACH OUTBOARD BEAM. SEE CERTIFIED PRINT FOR OPERATING WEIGHT.
  - SUPPORT BEAMS AND ANCHOR HARDWARE ARE TO BE FURNISHED BY OTHERS. ANCHOR HARDWARE TO BE ASTM - A325 5/8" [16mm] BOLT OR EQUIVALENT.
  - BEAMS MUST BE LOCATED UNDER THE FULL LENGTH OF THE PAN SECTION.
  - SUPPORTING BEAM SURFACE MUST BE LEVEL. DO NOT LEVEL THE UNIT BY PLACING SHIMS BETWEEN THE UNIT MOUNTING FLANGE AND THE SUPPORTING BEAM.
  - THE FACTORY RECOMMENDED STEEL SUPPORT CONFIGURATION IS SHOWN. CONSULT THE FACTORY FOR ALTERNATE SUPPORT CONFIGURATIONS.
  - UNIT SHOULD BE POSITIONED ON STEEL SUCH THAT THE ANCHORING HARDWARE FULLY PENETRATES THE BEAM'S FLANGE AND CLEARS THE BEAM'S WEB.
  - FOR ALL MULTIPLE CELL UNITS, OPERATING WEIGHT OF EACH CELL IS FOUND BY DIVIDING TOTAL OPERATING WEIGHT BY THE NUMBER OF CELLS.
  - WHEN VIBRATION ISOLATION IS REQUIRED FOR MULTIPLE CELL UNITS, THE VIBRATION ISOLATORS ( BY OTHERS ) MUST BE LOCATED UNDER THE SUPPORTING STEEL BEAMS AND NOT BETWEEN THE SUPPORTING STEEL BEAMS AND THE UNIT.
  - THE CENTER BEAM SHOULD HAVE A MINIMUM WIDTH OF 12" [305mm].