AT 217-4L12
TITLE STEEL SUPPORT CONFIGURATION

EVAPCO, INC. Evapeo

DWG. # SLIX1712-DF

SCALE N.T.S. DRAWN BY JLG

11'-11 3/4" 3651] 13/16" [21] C/L OF UNIT LOAD UNIT MOUNTING HOLE UNIT OUTLINE C/L OF MOUNTING HOLES (16)Ø 3/4" [19mm] MOUNTING HOLES CENTER ARRANGEMENT 17'-4 1/8" [5286] C/L OF UNIT LOAD 1 5/8" [41] C/L OF MOUNTING HOLES MOUNTING HOLE 13/16" [21]

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].

PLAN VIEW

- 2. DEFLECTION MAY BE CALCULATED BY USING 55% OF THE OPERATING WEIGHT AS A UNIFORM LOAD ON EACH BEAM. SEE CERTIFIED PRINT FOR OPERATING WEIGHT.
- 3. SUPPORT BEAMS AND ANCHOR HARDWARE ARE TO BE FURNISHED BY OTHERS. ANCHOR HARDWARE TO BE ASTM A325 5/8" [16mm] BOLT OR EQUIVALENT.
- 4. 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.
- 7. UNIT SHOULD BE POSITIONED ON STEEL SUCH THAT THE ANCHORING HARDWARE FULLY PENETRATES THE BEAM'S FLANGE AND CLEARS THE BEAM'S WEB.

TYPICAL END VIEW

- 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, THE VIBRATION ISOLATORS (BY OTHERS)MUST BE LOCATED UNDER THE SUPPORTING STEEL BEAMS AND NOT BETWEEN THE SUPPORTING STEEL BEAMS AND THE UNIT.
- 10. THE CENTER BEAM SHOULD HAVE A MINIMUM WIDTH OF 12" [305mm]
- 11. DIMENSIONS LISTED AS FOLLOWS: ENGLISH FT-IN

[METRIC] [mm]