UNIT AT 314-4M72 TITLE STEEL SUPPORT CONFIGURATION

EVAPCO, INC. Evapeo



DWG. # SLAA41472-DA DRAWN BY SCALE N.T.S. JLG

71'-8" [ 21844 ] [ 406 ] [ 406 ] 11'-2 1/2" 3416 ] 11'-2 1/2" 3416 ] 11'-2 1/2" 3416 ] 11'-2 1/2" [ 3416 ] 4 15/16" [ 125 ] 5" [ 127 ] 5' [<u>12</u>7 13/16" [ 21 ] 5" [ 127 ] 5' [ 127 13'-9 5/8" [ 4207 ] 13'-11 1/4" [ 4248] UNIT OUTLINE C/L OF MOUNTING HOLES 13/16" [ 21 ] C/L OF UNIT LOAD PLAN VIEW (24)Ø 3/4" [19mm] MOUNTING HOLES

## TYPICAL END VIEW

UNIT

- 1. 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].
- 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.
- 5. SUPPORTING BEAM SURFACE MUST BE LEVEL. DO NOT LEVEL THE UNIT BY PLACING SHIMS BETWEEN THE UNIT MOUNTING FLANGE AND THE SUPPORTING BEAM.

- 6. 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.

MOUNTING HOL

- 8. FOR ALL MULTIPLE CELL UNITS, OPERATING WEIGHT OF EACH CELL IS FOUND BY DIVIDING TOTAL OPERATING WEIGHT BY THE NUMBER OF CELLS.
- 9. 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. DIMENSIONS LISTED AS FOLLOWS: ENGLISH FT-IN [METRIC] [mm]