1. SHADE STRUCTURE ELEVATION

- 1/8" isolation joint
- 2" x 2" x 1/4" steel plate with 3/8" tubular steel columns attached welded at offset center
- 3/4" x 1/8" stainless steel, flange bolt
- Reinforcing within footer as required
- 6" min. aggregate base

NOTE: Concrete pad and footer to be poured and treated as separate pieces.

2. SHADE STRUCTURE PERSPECTIVE

- Top beam joined to column, 2" x 2" tubular steel
- 4" x 3/16" stainless steel, flange bolt
- 10 3/4" x 3/4" stainless steel lag bolt
- Bottom beam joined to column, 2" x 10" tubular steel

SAFETY TRANSPARENT POLYCARBONATE SHEET @ 12” THICKNESS SUPPORTED 3’ O.C. BY 3/4” X 3/4” TUBULAR STEEL UNDERPLATE. SHEETS TO BE PLACED AT A MIN. SPACE OF 2’/4" (NOTE: PANEL DIMENSIONS 4'-8", 1'-8")

TOP LEVEL CANOPY SUPPORTING TRUSSES TO BE MIN. 4’ X 4’ TUBULAR STEEL.

LOAD BEARING BEAMS OF TUBULAR STEEL TO BE EITHER 2” X 2” OR 2” X 2” (NOTE: DESIGN DETAIL 11-11)

FOUR 4’ X 4’ SQUARE STEEL TUBES TO CREATE WEIGHT BEARING COLUMN.

2” X 2” X 1/4” CONCRETE PAD WITH (3/4”) CHAMFERED TOP

3. PANEL DIMENSIONS SECOND LEVEL FROM TOP

- DIMENSIONS:
  - 15'-4" x 9'-0"
  - 9'-0" x 9'-0"
  - 9'-0" x 9'-0"

4. PANEL DIMENSIONS SECOND LEVEL FROM TOP

- DIMENSIONS:
  - 6'-0" x 6'-0"
  - 6'-0" x 6'-0"

5. PANEL DIMENSIONS THIRD LEVEL FROM TOP

- DIMENSIONS:
  - 6'-0" x 6'-0"
  - 6'-0" x 6'-0"

6. PANEL DIMENSIONS BOTTOM LEVEL

- DIMENSIONS:
  - 6'-0" x 6'-0"
  - 6'-0" x 6'-0"