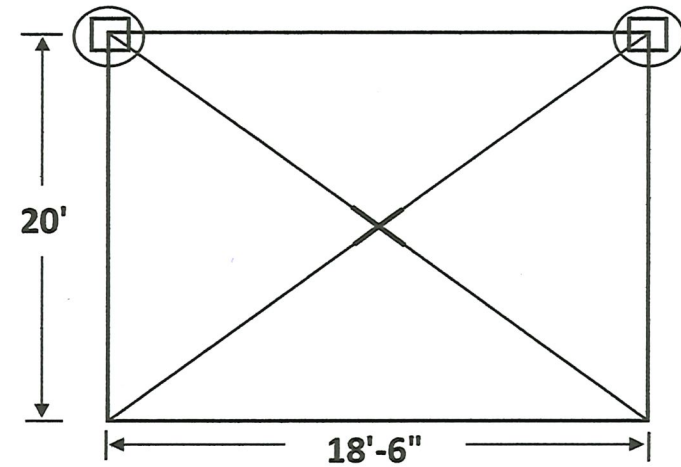
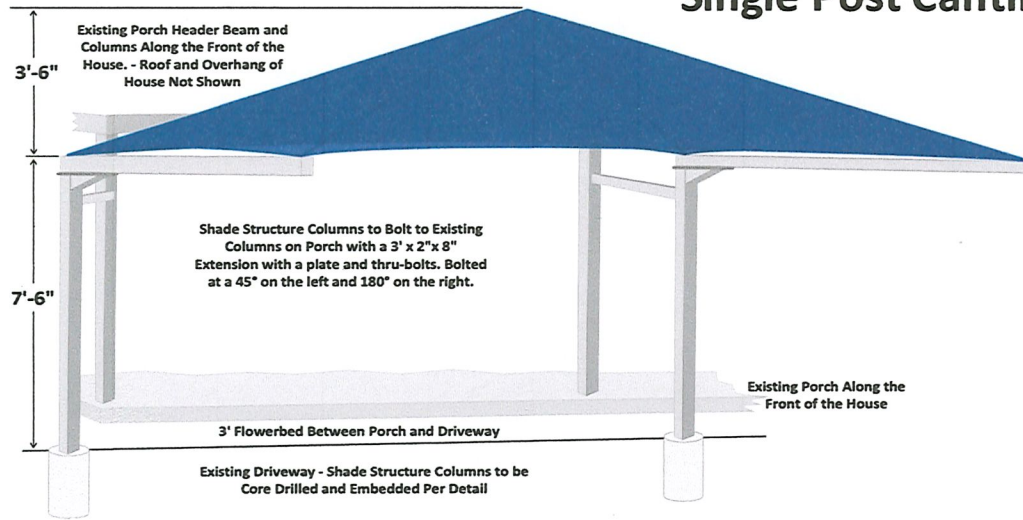


# Single Post Cantilever Pyramid



All phases of the work shall conform to standard methods of steel fabrication and construction as set forth by the 2018 International Building Code and the AISC Manual of Steel Construction. Concrete / Foundation work shall be in accordance with the ACI 318-14.

Structural steel shall be cold-formed structural quality steel, welded or seamless, complying with ASTM A-500, Grade B & ASTM-A36.

Columns 6" x 6" x 3/16" ASTM-A36 Square Tubing  
 Beams 6" x 4" 3/16" ASTM-A36 Square Tubing  
 Upper Structure 2-7/8" sch 40 Round Pipe  
 Columns & Beam Flange to Flange 8" x 24" x 1/2" Plate  
 Connections w/ 10" Gusset (8) 5/8" Bolts, Nuts, Lock Washers & (8) Flat Washers  
 All Plate to be 1/2" for connections and end caps.

Columns shall be embedded.

All field connections shall be bolted in accordance with ASTM Structural Specification for Bolted Connections. No welding shall be done in the field.

100% High-density polyethylene woven architectural fabric membrane canopy Commercial 95 by Gale Pacific. Tested to ASTM E-8400 meeting Class A requirements and NFPA 701-99 method 2. Sewn with Gore/Tenara thread. Tensioned w/ 1/4" dia. galvanized 7x19 stranded perimeter cable minimum tensile strength of 7,000lbs.

Powder coated finish complying with requirements of UL 1332, Organic Coating for Steel Enclosures for Outdoor Use Electrical Equipment - Component.

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