

Model: Steelworx Hexagonal Shelter, 12', Model # HX-12-SW

Manufacturing Mission: To provide all prefabricated components and installation instructions for a 12' hexagonal (measured from eave to eave) free standing bolt together, tubular steel constructed shelter kit.

Design Criteria: Structure is typically designed for a 30 lb live load and a 95 mph wind load capacity. All structural members are ASTM A-500 U.S. grade B steel. Welded connection plates shall be ASTM A-36 hot rolled steel. All welding performed to latest AWS standards by ASTM Certified welders and provided in accordance to same.

Tubular Steel Columns and Beams: Standard column dimensions shall be 5" x 5" x 3/16" tubular steel welded to 5/8" base plate (footing design provided separately). Perimeter and interior support beams are 5" x 3" to 7" x 5" with a thickness between 1/8" and 3/16" based on location. Economy Version (EV) of this shelter model for residential or less stringent design locations are available with smaller more economical member sizes.

Roof: 24 Ga. pre-cut steel panels with Kynar 500 finish in a variety of colors with white underside. Standard roof slope is a 4/12 pitch with a eave height of 7'-8".

Frame Finish: All steel framework will receive a corrosion protective TGIC Polyester powder coat, electro-statically applied and cured at 400°F. A large selection of standard colors are available.

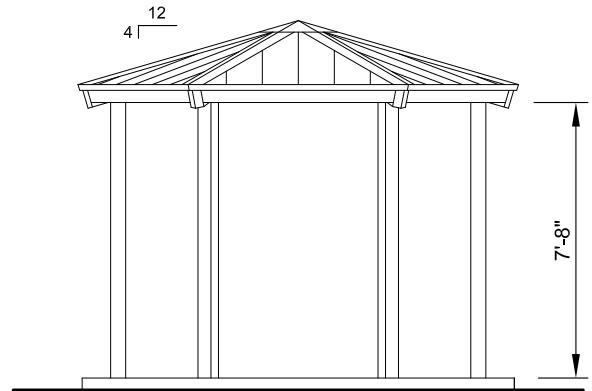
Foundation: All columns need to be anchored to concrete footings. Columns can be surface mounted with anchor bolts at or below finish slab elevation or they can be embedded directly into the footing.

Hardware: All structural hardware provided and to be A-325 or B7 as required.

Not Included: Concrete work of any kind, unloading of product and installation.

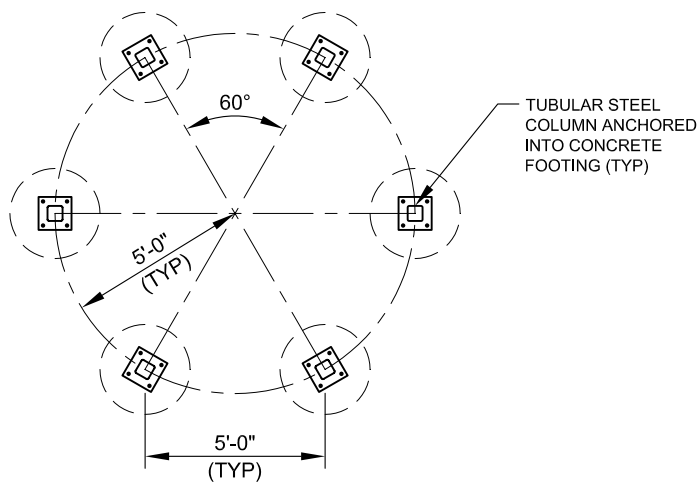
Additional Options:

- Flexibility of Design
Such as: Height and Pitch
- Additional Engineering
- Variety of Colors
- Decorative Railings, Lattice, Braces, Trim, etc.
- Cupolas and Rooftop Accs.
- Column Style Variations
- Lexan Wind Screens
- Asphalt Shingles, Standing Seam, Cedar Shake, or Clay Tile Roofing
- Composite Finished Ceiling
- Solar Panels & Solar Lighting
- Site Furnishings and Accs.



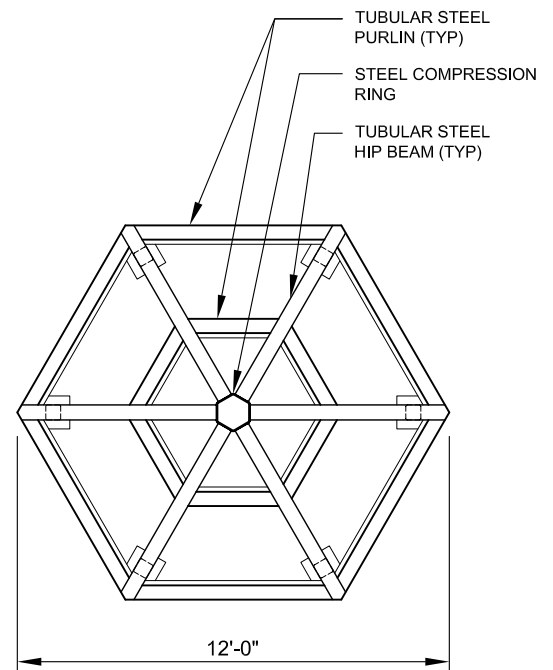
ELEVATION

SCALE: 3/16" = 1'-0"



FOOTING LAYOUT PLAN

SCALE: 3/16" = 1'-0"



FRAMING PLAN

SCALE: 3/16" = 1'-0"

Steelworx Hexagonal Shelter - 12'

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DESIGN SPECIFICATIONS



11800 East 9 Mile Road
Warren, MI 48089
Office: (586) 486-1088
Fax: (586) 754-9130
Toll Free: (800) 657-6118
Email: info@coverworx.net
www.CoverWorx.net