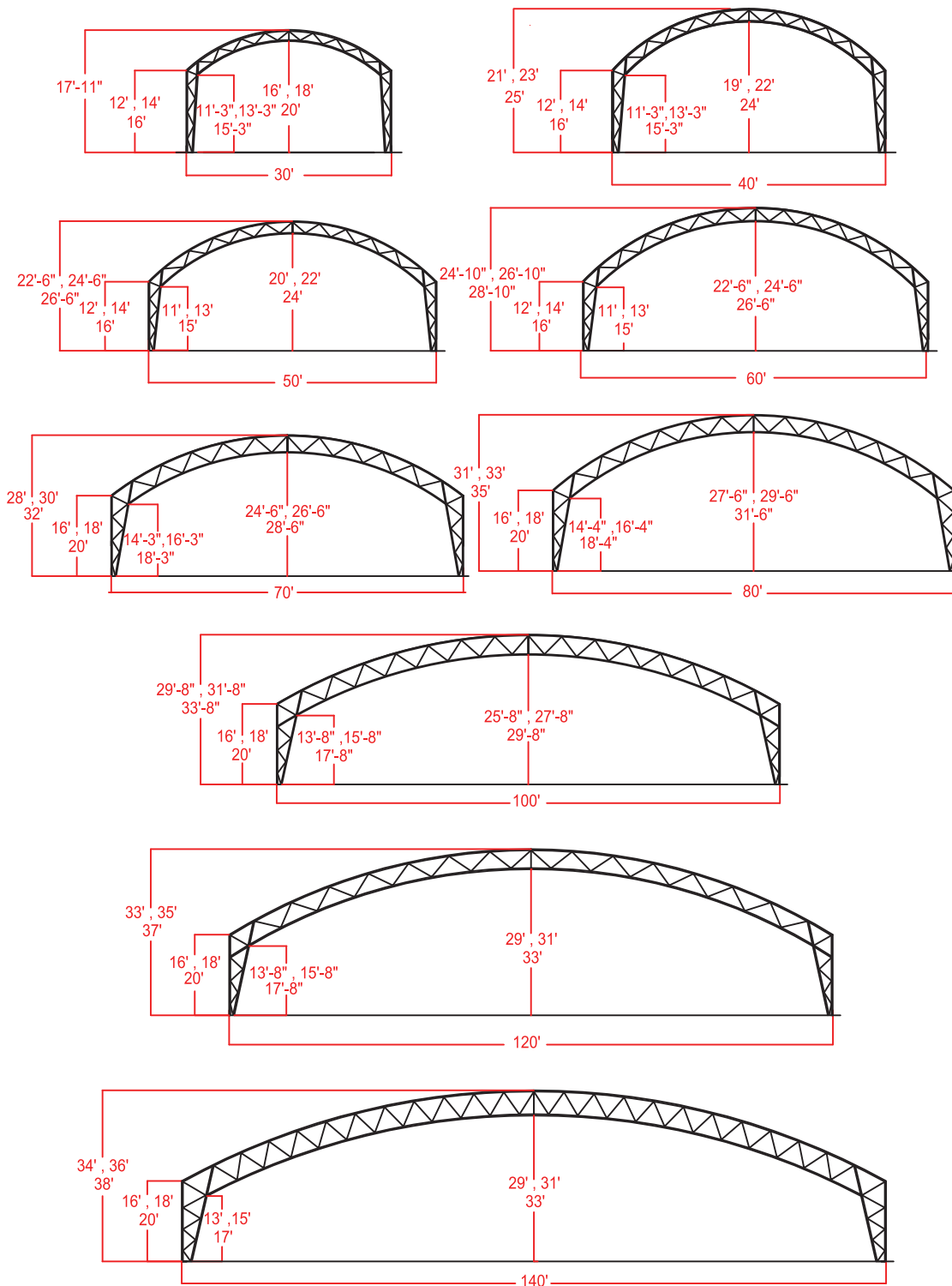


# Standard Sizes



## Steel Components of Structure:

All trusses and structural components are fabricated at our Vancouver based facility using HSS square or rectangular tube rated at 50,000 lbs. per foot yield ASTM A500 or CSA G40.21 50W/350.

Tube dimensions vary from hss 2"x 2" to hss 6" x 4". Material thicknesses range from 1/8" to 3/8" depending on building size and severity of snow loading. We do not use "pre galv", tube.

All trusses are comprised of welded truss segments and space 6'-10' on center. Buildings are individually designed and engineered by an independent structural engineer to exceed your local building codes but mostly to ensure that the structure itself will stand up to harsh conditions.

All cross bracing is done with a minimum 5/16" galvanized air craft cable and anchor for whatever requirements stipulated by seismic and soil conditions.

### OPTIONAL GALVANIZED STRUCTURE

All steel components are completely fabricated and then hot dipped galvanized for maximum corrosion protection.

### OPTIONAL ENAMEL COATED STRUCTURE

All steel components are chemically cleaned and coated with primer and 2 coats of industrial enamel in a heated spray booth

## Fabric Covers:

### PVC

20 - 30 oz./sq./yd. Vinyl coated Polyester weave. This is the most durable fabric used in the shelter industry. Repairable, cleanable, fire retardant, UVA and UVB resistant and translucent. This fabric lasts 20-30 years in the field.

Tensile strength - 3800 N/5cm

Tear resistance - 1000 N

Flame Retardancy - CAN / ULC-S109-03

### POLYETHYLENE

12.6 oz./sq./yd ( 24mil) Polyethylene coated weave. Commonly used in the tent industry and is very economical. Fire retardant, UVA and UVB inhibitor, mildew resistant and translucent. This fabric lasts for 12 - 14 years in the field.

Tensile strength - 2012 N

Tear resistance - 487 N

Flame Retardancy - CAN / ULC-S109-03

Our facility and welders are CWB 47.1 certified and CSA A660 certified. Lindome Structures is S-367 compliant which proves that the design, fabrication and installation of these membrane structures meet auditable standards. These are requirements of both provincial and federal building codes.

Lindome structures is a Canadian company that utilizes North American and European Materials. Our production and installation teams are all in house. These are important aspects to our company which allows us to control the efficiency and quality of our products.

## OUR DESIGN STANDARDS

