

Division 1 - General Conditions

01000 Purpose

To construct a 30'x45'x14' post frame building.

01511 Temporary Electricity

Used as need to construct the building – At the expense of the general contractor.

01542 Construction Aids

All permits and fees shall be at the expense of the general contractor.

Building blueprints shall be engineered and stamped by the building supplier. All blueprints and shop drawing shall be approved by the owner before construction begins. Cost will be at the expense of the general contractor.

01640 Owner Furnished Products

Owner will supply a site plan per city code.

01740 Cleaning

It will be the responsibly of the general contractor to ensure that the site is kept clean during the construction of the building.

The general contractor is responsible for the cost of removal of all garbage that is generated due to construction.

Division 2 Site Work

02200 Site Preparation

All site preparation shall be the responsibility of the general contractor.

02320 Excavation and Fill

The general contractor shall be responsible for the excavation and fill.

Division 3 Concrete

03300 Footings

The building supplier shall supply 14"x4" precast concrete footing for each post.

Footing shall be a minimum of:

5000 psi

72,640 lbs of total load

03300 Concrete Slab

Concrete floor slabs shall be constructed of 3000 psi concrete, 4" thick, reinforced with 6" x 6" welded- wire mesh continuous or approved other by owner.

Concrete floor slabs shall placed over well-compacted granular fill compacted in 6 inch lifts and a 4 mil vapor barrier.

Provide smooth steel trowel finish on all interior slabs. Provide broom finish texture for all exterior slabs.

Division 6 Carpentry

06100 Rough Carpentry

All rough carpentry shall be constructed per plans and specs set out by the building supplier and meet all local building codes.

06180 Structural Laminated Beams

All columns shall be Laminate Columns. They shall be approved by the American Society of Agricultural Engineers (A.S.A.E.)

Laminated Columns shall be steel plated reinforced and stainless steel rivet clinched nails. Have a life time warranty on the treatment, and have a minimum of a .60# per cubic foot retention.

Division 7. Thermal & Moisture Protection

07200 Thermal Protection – Insulation

All insulation shall be fiberglass per building specs set out by the building supplier.

Division 8. Doors, Windows & Glazing

08100 Exterior Doors

24-gauge Steel

High Density foamed in place polyurethane core

Factory applied primer ideal for painting

Meets or exceeds the most stringent Energy Star requirements

Lifetime Warranty

08360 Garage Doors/Overhead Door

Specs and shop drawing to be approved by owner before installation of door.

Division 9 Finishes

09500 Ceiling Finishes

Ceiling metal panel that shall be a minimum:

30 gauge steel

Actual .0128" minimum thickness before painting

Actual .0145" nominal thickness after painting

G40 galvanized coating on painted panel

G60 galvanized coating on acrylic coated panel

82,000 PSI min. tensile strength

09700 Wall Finishes

Interior metal wall panels shall be a minimum:

30 gauge steel

Actual .0128" minimum thickness before painting

Actual .0145" nominal thickness after painting

G40 galvanized coating on painted panel

G60 galvanized coating on acrylic coated panel

82,000 PSI min. tensile strength

Exterior wall panels and metal roofing shall have a minimum of:

28 Gauge Panel

Actual .0157" minimum thickness before painting

.018 nominal thickness after painting

G-100 Galvanized Coating Plus Zinc Phosphate

Limited Lifetime Paint Film Integrity Warranty to original owner.

Zinc Phosphate Pre-Treatment

Structural Strength ASTM-A653

82,000 PSI Min. Tensile Strength

UL 2218 Class 4 Hail Resistance
UL 790 Class A Fire Resistance
UL 580 Class 90 Wind Uplift

Division 16. Electrical

16100 Electrical

Owner to supply electrical for building.