SECTION 133419 - METAL STORAGE UNIT

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. Submittals: Shop Drawings and structural analysis data signed and sealed by a qualified professional engineer registered in Michigan.


PART 2 - PRODUCTS

2.1 METAL BUILDINGS

A. Manufacturers:

1. Eversafe Buildings, a division of Ironbuilt Steel Buildings, or Owner approved equal.

B. Metal Building System Description: Eversafe Certified building.

1. Eave Height: 10’.
2. Dimensions and Bay Spacings: 10’ x 20’.
3. Roof Slope: Manufacturer’s standard.

C. Structural Performance: Metal building systems shall withstand the effects of gravity loads and the following loads and stresses:


D. Structural-Framing Materials:

1. Box beam framework 12 gauge galvanized steel. 2 ½ x 2 ½ square tubes. Leg spacing 4’-0”.

E. Roof and Wall Panels:

1. Metal Panels: Steel sheet, hot dip galvanized.
2. Roof Panels: Vertical ribs.
5. Metal Panel Finish: Manufacturer’s standard factory applied finish. Color per Owner selection from Manufacturer’s standard range.
6. Panel Accessories: Provide clips, flashings, sealants, gaskets, and similar items.
7. Overhead Doors: Manufacturer’s overhead door assembly including structural frame, door panels brackets, guides, tracks, hardware, and installation accessories.
PART 3 - EXECUTION

3.1 ERECTION

A. Erect framing true to line, level, plumb, rigid, and secure. Comply with AISC specifications referenced in this Section.
   1. Framing for Openings: Provide shapes of proper design and size to reinforce openings and to carry loads and vibrations imposed, including equipment furnished under mechanical and electrical work. Securely attach to structural framing.

B. Roof Panel Installation: Provide roof panels of full length from eave to ridge.

C. Wall Panel Installation: Provide panels full height of building unless otherwise indicated.

END OF SECTION 133419