

Custom Components & Buildings, Inc.

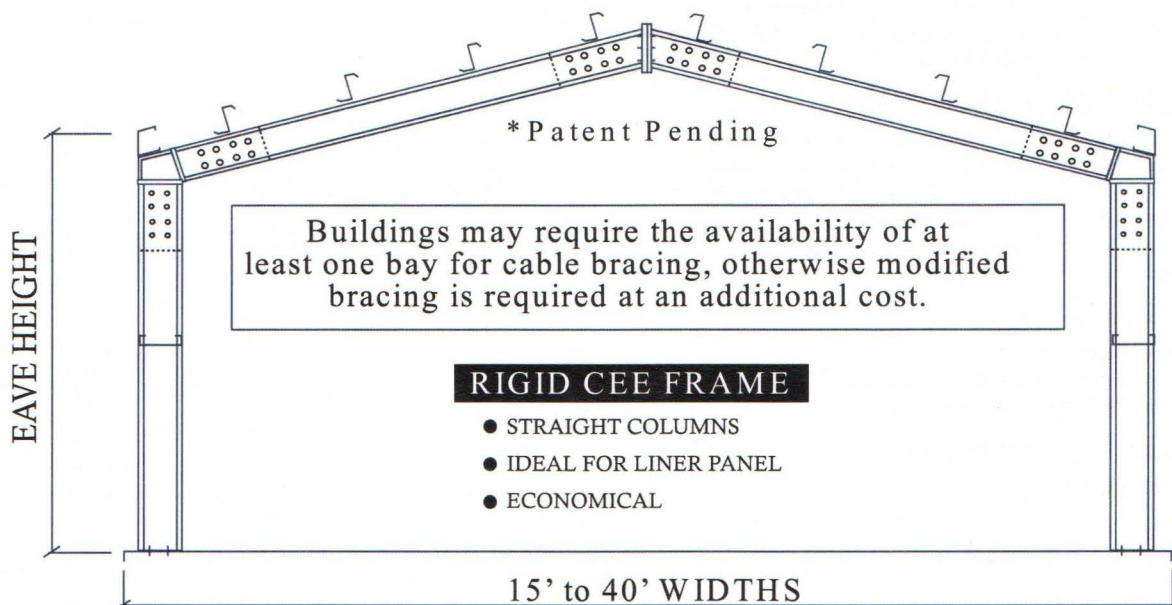
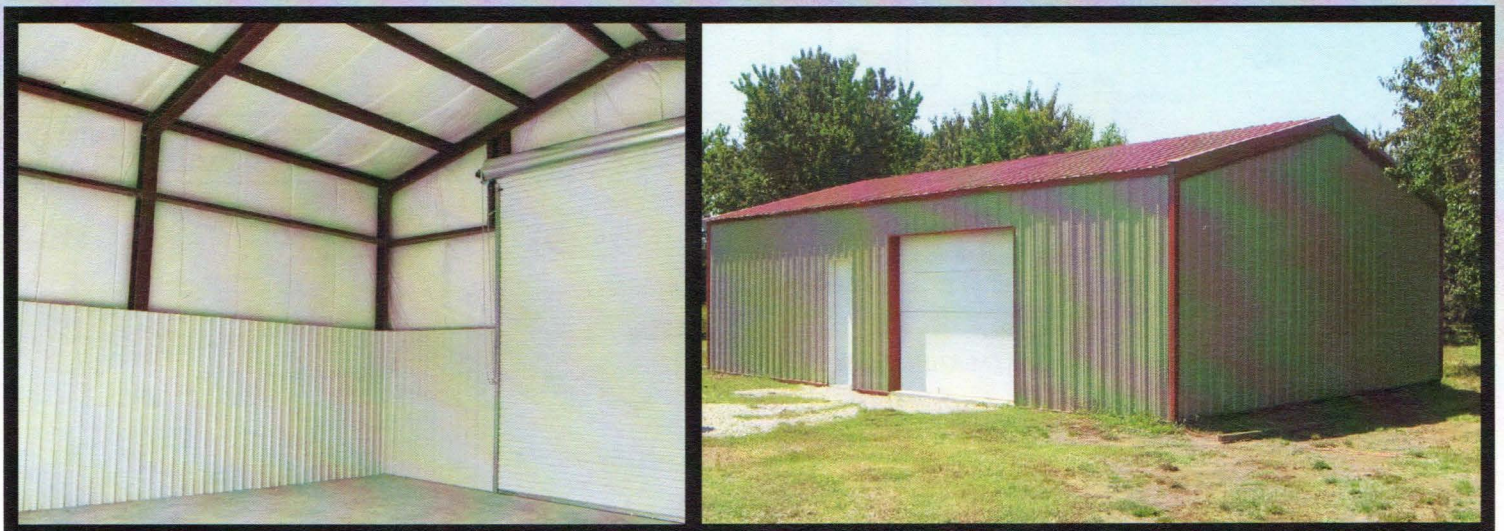
Rigid Cee Frame

Thank you for your interest in our "Do It Yourself" Rigid Cee Building System. Our buildings are custom designed to meet the requirements of your project.

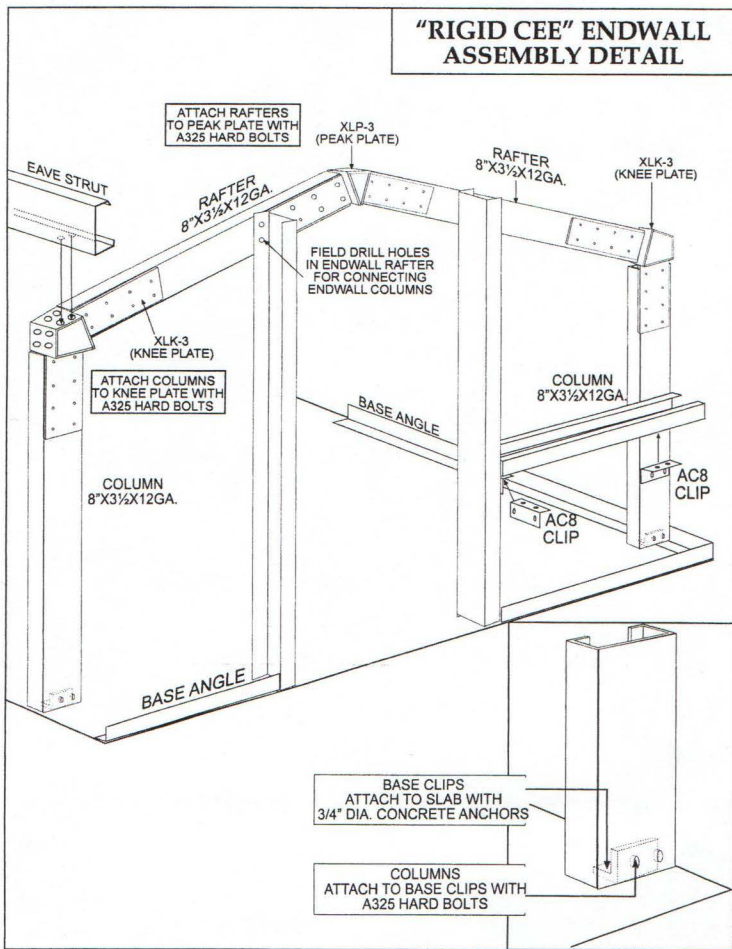
We use the highest quality materials from 57,000 PSI secondary members to 80,000 PSI, 20 year warranty, 26 ga. roof and wall panels. All Rigid Cee systems are built to meet the requirements of your local authorities. We offer stamped drawings and design calculations in all 50 states.

The Rigid Cee System can be used for a variety of applications where the overall width of the building is no more than 40'. Ideal for intermediate sized applications, the Rigid Cee is commonly used for Garages, Workshops and Small Businesses.

If your building project doesn't require a width over 40', consider our Rigid Cee Building System. It is a great building that will save you money to build.



"RIGID CEE" ENDWALL ASSEMBLY DETAIL



Secondary Framing

- Girts, Eave Struts, and Jamb's shall be nominal 6" or 8" deep or Cee shaped members. Purlins shall be nominal 6" or 8" deep Zee shaped members. The framing material shall be manufactured of 16, 14 or 12 gauge material, as specified by design. Steel used to form these members shall meet the requirements of ASTM A1011 Grade 55.
- Minimum yield shall be 57 ksi. Secondary structural connections are normally accomplished by the use of self-drilling screws.

Roof / Wall Covering

- Unless specified otherwise, panel material shall be 26 Gauge "PBR" profile acrylic coated Galvalume (Roof) or pre-painted Sig. 200 (wall) as manufactured by Bethlehem Steel Corporation, or equal, conforming to the requirements of ASTM A792 Grade 80. Minimum yield stress shall be 80 KSI.

Trim, Closures, Fasteners and Insulation

- Trim will be Grade D steel of 50,000 psi yield and shall be compatible with the adjoining wall panels. Trim is provided to cover the gable ends, eaves, corners, door jamb's and headers of the building (Gutters and downspouts optional)
- Closures are of closed cell foam and die cut to panel profile. Closures shall be provided under the roof sheets at the eave and wall panel base & top.
- Fasteners shall be self-drilling carbon steel hex screws zinc plated, with or without painted heads.
- Roof / Wall insulation (optional) is supplied in 2", 3", 4" or 6" thickness with WMP-VR-R .02 perm facing.

Trim, Closures, Fasteners and Insulation

- Anchor "J" bolts are not by CCB.

"Rigid Cee" Design

- These specifications are intended for use as an outline of the performance requirements for the material used in the design and fabrication of CCB Express "Rigid Cee" buildings.
- CCB utilizes standards and recommendations of recognized organizations, such as MBMA, ASTM and AISC, etc. as the basis for our designs and standard framing procedures. In all events, however, unless stipulated otherwise, CCB standards will govern the work with any interpretations to the contrary notwithstanding.

Drawings and Certifications

- Drawings: CCB shall furnish complete erection drawings and material list for the proper identification and assembly of all building components. These drawings will include anchor bolt settings, sidewall framing, endwall framing, roof framing and a sheeting plan. Also included is a construction manual showing connection, and trim details.
- Certified drawings and design analysis shall bear the seal of a registered Professional Engineer upon request.

Primary Framing

- Main Frames: The "Rigid Cee" main frame consists of CCB engineered plate system connecting a back to back nominal 8" or 12" deep Cee shaped member serving as the column and rafters.
- Endwall Frames: The "Rigid Cee" endwall frame consists of the same CCB engineered plate system that is used on the main frame the only difference being it uses a single rafter to a single column.
- Primary Framing connections are normally accomplished by the use of 5/8" A325 bolts and washers.

