Primary Frame Detail
Underhung Crane-Parallel with Frame

![Diagram of Underhung Crane-Parallel with Frame]

- **Stiffeners**
- **Support Beam (In Rafter Line)**
- **Wing Plate with \( \frac{3}{4} \) A325 Bolt (Typ.)**
- **Crane X-Brace to Adjacent Members**
- **Clips or Angles (NS & FS) with \( \frac{3}{4} \) A325 Bolt**
- **Stiffener**
- **Rafter**
- **A325 Bolts with Beveled and Flat Washers if Required (See Detail "A")**
- **Bracket Height**
- **Beam Height**
- **Field Located End Stop Not By Metal Bldg Mfr.**
- **Runway Beam**
- **To Steel Line Span Crane Grid Line**

Note: Nut Located On Bottom Of Beam Flange. Crimp Bolt Threads and Nut Threads as Shown. Detail "A"

Notes: Frame Shapes May Vary
See Crane Elevation For Additional Information