Primary Frame Detail
Underhung Crane

\[\frac{3}{4}\text{" Dia. A325 Bolt (Typ.)}\]

Stiffeners

Wing Plate

Purlin

Rafter

Crane X-Brace

\[\frac{3}{4}\text{" Dia. A325 Bolt (Typ.)}\]

A325 Bolts

Wing Plate (Typ.)

Bolted Crane Bracket

Angle Brace

A325 Bolts with Beveled and Flat Washers If Required (See Detail "A")

Bracket Height

Field Located End Stop Not By Metal Bldg Mfr.

Beam Height

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