Underhung and Monorail Crane
Parallel with Frame

X Bracing

Purlin
Support Beam

Clips or Angles with A325 Bolts
Frame Rafter (Shape may vary)

Factory Welded Crane Bracket

A325 Bolts at Bolted Bracket

BE_ Bolted Crane Bracket (If Required)

CL121 Wing Plate
(See Note 3)

3/8" A325 Bolt (Typ at end of Angle Brace)

SA3_ Angle Brace (Typ)

A325 Bolts, Washer at Bracket
Slots and Beveled Washer at "S"
Crane Beam are provided when
Crane Beams are by Bldg. Mfg.

BU_ Underhung Crane Beam
BV_ Monorail Crane Beam

End Stop Not Provided by Building Manufacturer.
Field located and attached with connection to meet all requirements of AISC.

Note:
1) Refer to Erection Drawings for Crane Dimensions, Part Marks, Bolts, Washers and additional information supplied by Building Manufacturer.
2) Crimp or Tack–Weld Bolt and Nut threads at Crane Beam, Angle Brace, and Crane Bracket after fully installed and adjusted.
3) CL121 Wing Plate to be field welded when Crane Beam is NOT provided by Bldg Mfg and is factory welded when Crane Beam IS by Bldg Mfg
4) All welding is to be performed by welders who are certified by an AWS certified welding inspector to be qualified in accordance with AWS D1.1 for process and position required to weld the field modification.
5) All welding is to be performed using electrode requirements for Group II steel in accordance with AWS D1.1, Table 3.1