GENERAL NOTES:

Anchor bolts for Type D bearings shall be ASTM F1554 Grade 55 swaged bolts and shall extend into the concrete with ASTM A325 Grade 5 Heavy Hex nuts. Actual manufacturer's certified mill test reports (mechanical and chemical) shall be provided. Use ASTM F36 hardened washers for the fixed bearings and no heavy hex nuts or hardened washers for the expansion bearings. Swaging shall be 1" less than extension into the concrete.

Anchor bolts, hardened washers and heavy hex nuts shall be coated with a minimum of two coats of inorganic zinc primer to provide a total dry film thickness of 4 mils minimum, 6 mils maximum, or galvanized in accordance with Sec 1081. Weight of the anchor bolts, hardened washers and heavy hex nuts for bearings are included in the weight of the Fabricated Structural Steel.  

* Indicates machine finish surface.

Shop drawings are not required for the lead plates and the preformed fabric pads.

Note: This drawing is not to scale. Follow dimensions.

Typical Lead Plate

Fabric Pad

Welded Grade 1018 ASTM A108

Number Required:

END VIEW OF WEB

SIDE VIEW

FIXED

END VIEW

SIDE VIEW

EXPANSION

END VIEW

TYPE D BEARINGS

(estimated weight pounds)

DETAIL FOR 3/4" THRU 2 1/2" ANCHOR BOLTS

OPTIONAL DETAIL FOR 1 3/8" THRU 2 1/2" ANCHOR BOLTS

SWEDGE ANCHOR BOLTS DETAILS

1/4" for 3/4" thru 1 1/4" anchor bolts

1/2" for 1 1/2" thru 2 3/4" anchor bolts