PART PLAN SHOWING STOPPER PLATE

Stopper plates and stoppers shall be provided to prevent loss of bearing due to shearing or PTFE bearing failure. Provision for field cutting and installing the stopper plates and stoppers will be considered completely covered by the contract unit price for Type N PTFE Bearing.

The bottom face of the 1/8" stainless steel plate that is welded to the sole plate shall be lubricated with a lubricant that is approved by the bearing manufacturer.

SECTION A-A

DETAIL FOR 3/4"Ø THRU OPTIONAL DETAIL FOR 1 3/8"Ø
2 1/2" Ø ANCHOR BOLTS THRU 2 1/2" Ø ANCHOR BOLTS

PTFE SLIDING BEARINGS

GENERAL NOTES:

Design coefficient of friction equals 0.06.
Anchor bolts shall be ASTM F1545 Grade 55 swedged bolts and shall extend into the concrete. Also, a minimum of two coats of inorganic zinc primer shall be provided. Swedging shall be 1" less than extension into the concrete.

Anchor bolts shall be at the elevation of galvanized anchor bolts as shown in column below. All structural steel for the anchor bolts shall be adjusted for each 10' fall or rise in temperature of installation.

All structural steel for the anchor bolts shall be protected from abrasive action from dry cutting.

Type N PTFE Bearings shall be in accordance with Sec 116.

PTFE surface shall be fabricated as a single piece. Splicing will not be permitted.