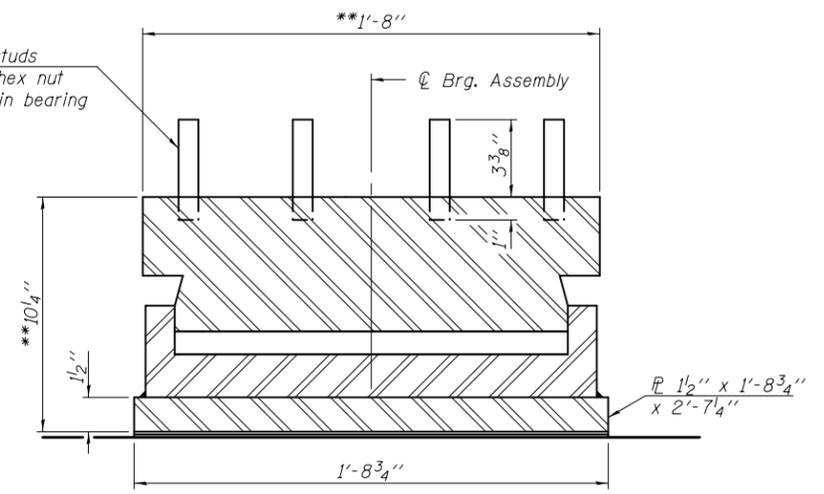
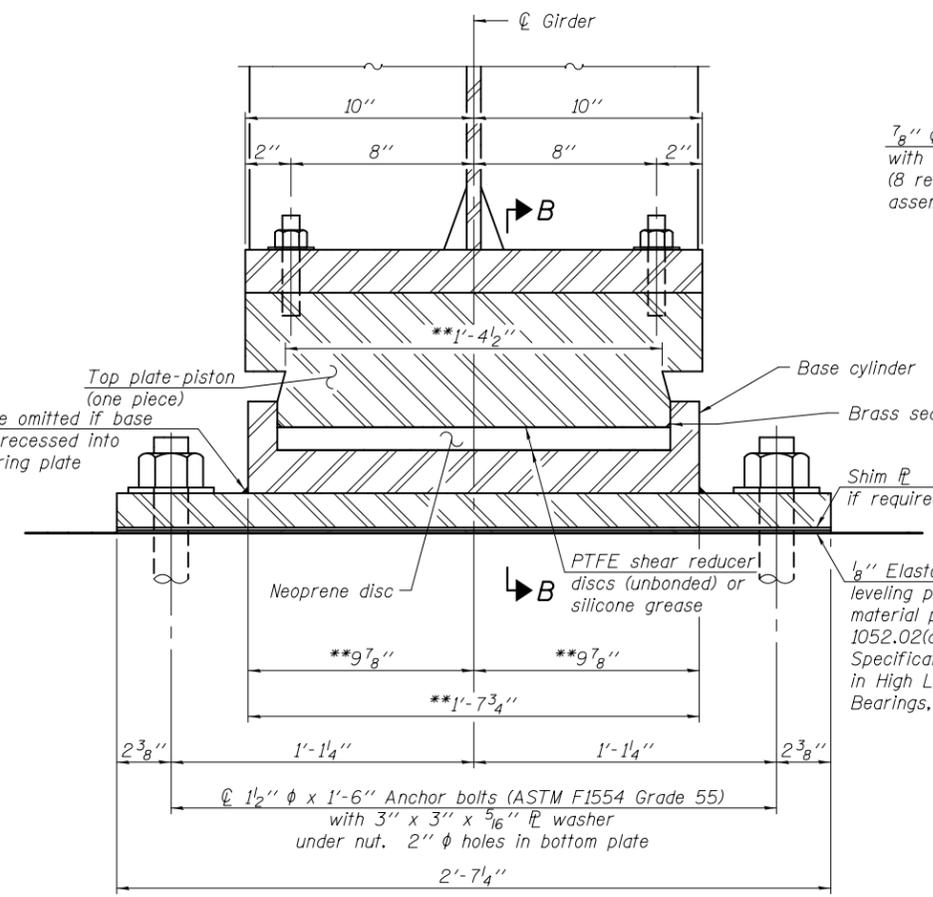
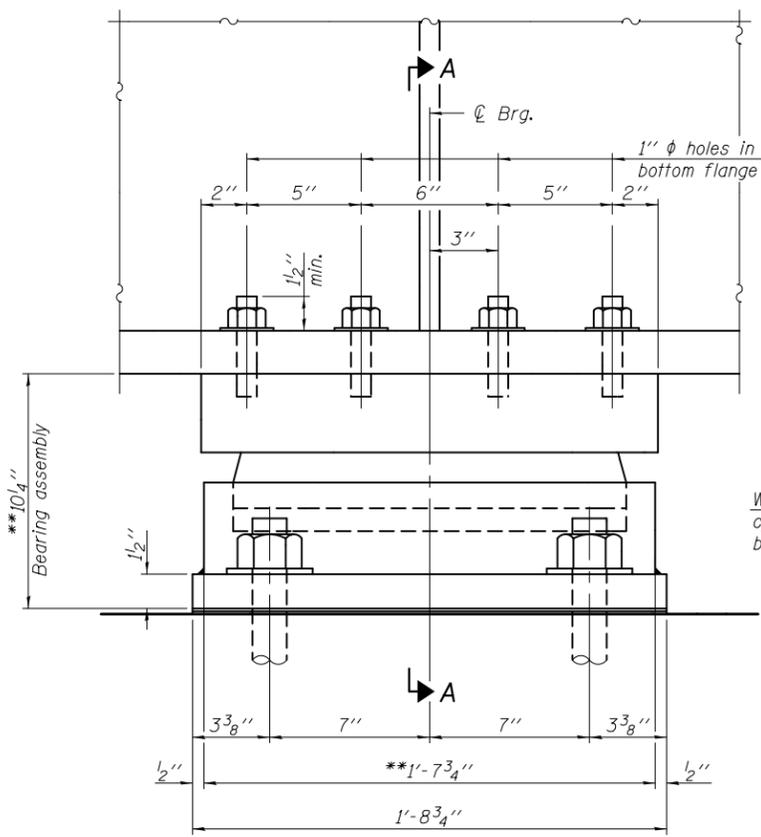


** Dimensions may vary depending on Manufacturer's design.



Notes:

Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

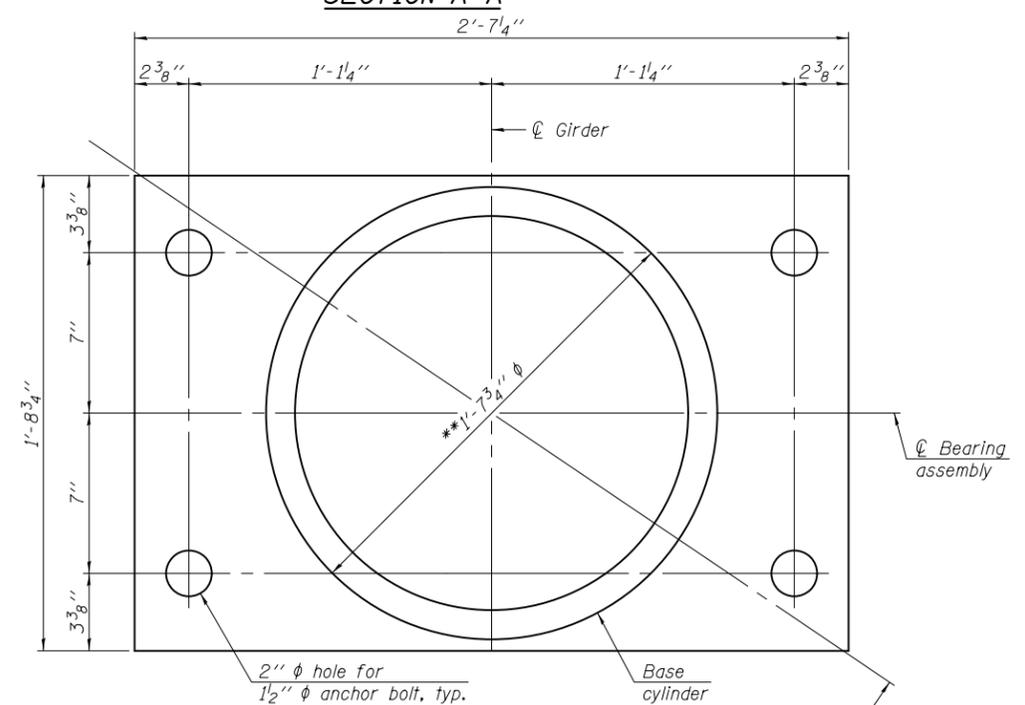
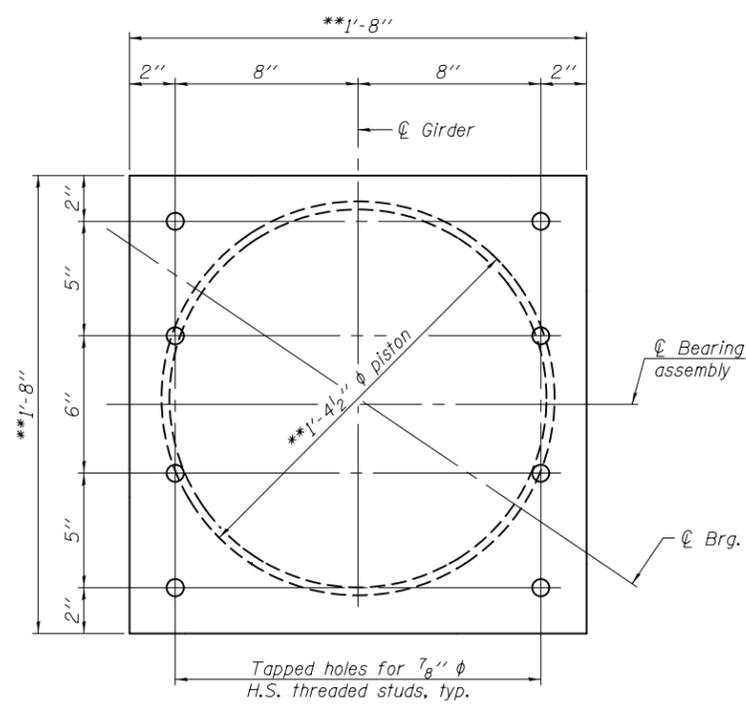
For anchor bolt locations, see sheets 59 & 60 of 79.

The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M 270, Grade 50.

Two 1/8" adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.

Bearing dimensions and details shown are for a pot type HLMR bearing. Disc type HLMR bearing dimensions and details will vary.



DESIGN DATA

Bearing Manufacturer Design Criteria	Pier 3
Vertical Design Load (kips)	473
Horizontal Design Load (kips), H _u	141
Design Rotation (rad), θ _u	0.006

BILL OF MATERIAL

Item	Unit	Total
High Load Multi-Rotational Bearings, Fixed, 500k	Each	12
Anchor Bolts, 1 1/2"	Each	48