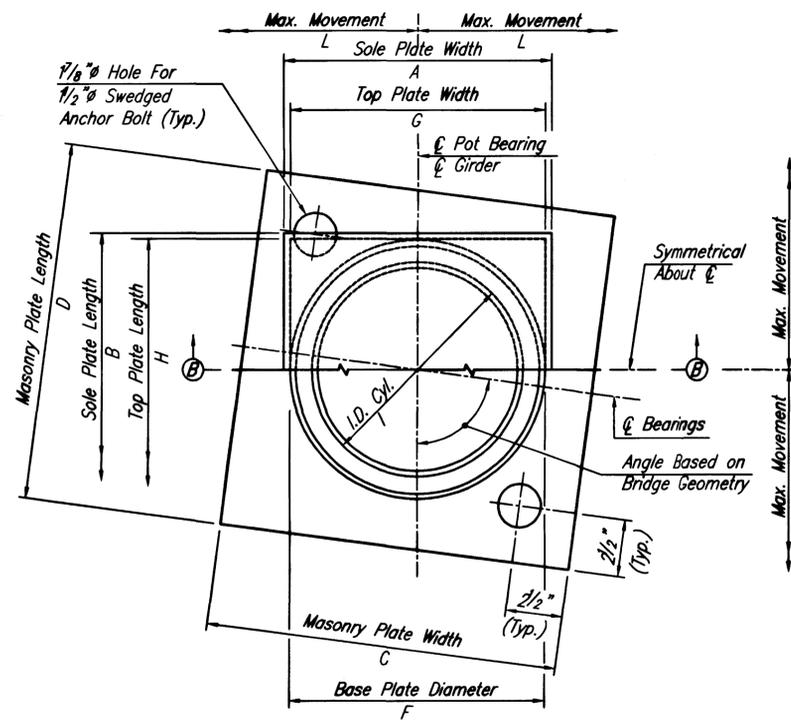
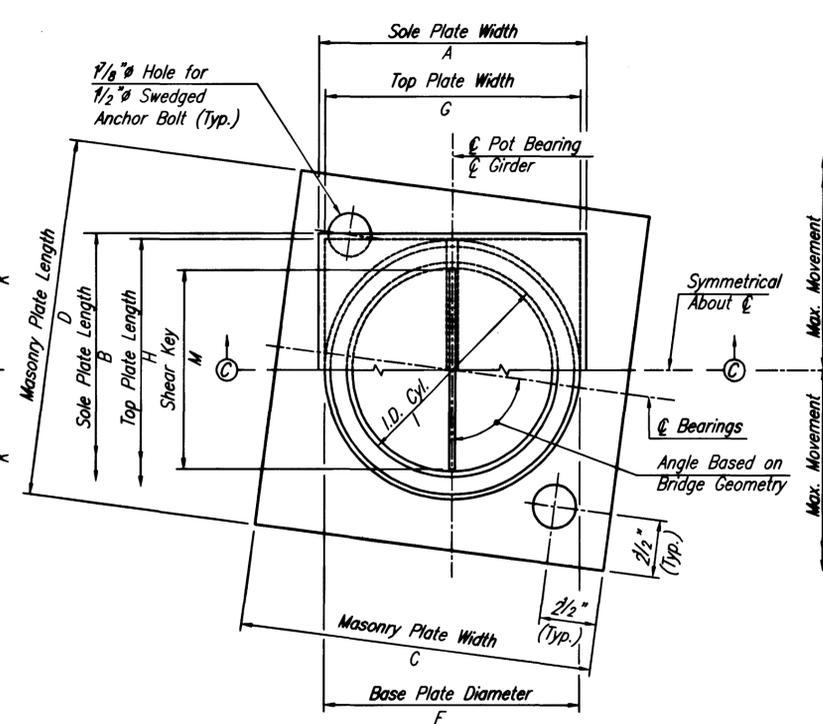


CUT-AWAY PLAN
(Half of sole plate shown)



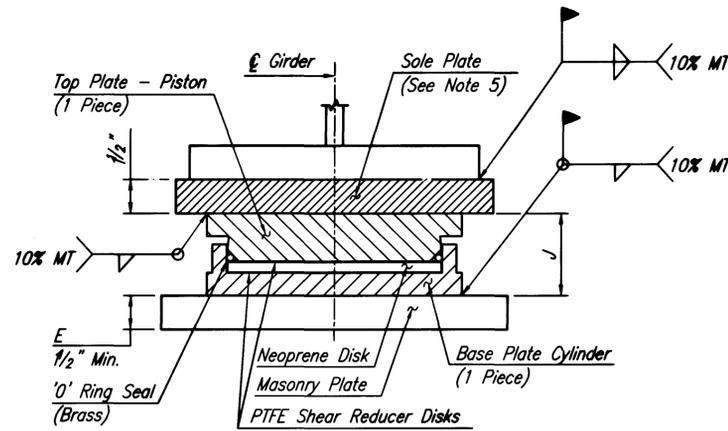
CUT-AWAY PLAN
(Half of sole plate shown)



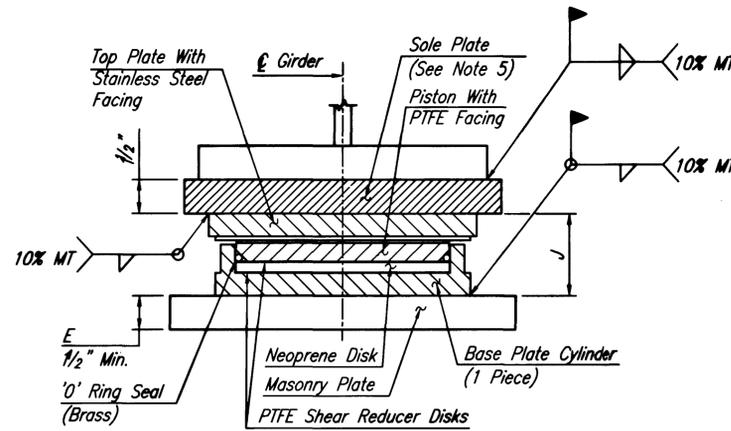
CUT-AWAY PLAN
(Half of sole plate shown)

NOTES:

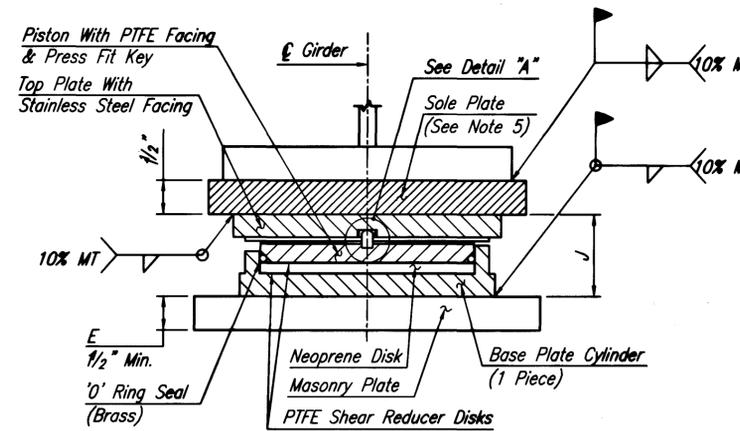
1. Pot bearings shall conform to Section 403.
2. Structural steel for sole plates and masonry plates shall be Grade 50W. Steel for pot bearings shall be Grade 50. All steel work shall be painted in accordance with plans and specifications.
3. Anchor bolts (ASTM A307), nuts (ASTM A563) and washers (ASTM F436) shall be hot dipped galvanized.
4. Core drilled or star drilled hole diameter shall be 1/4" larger than bolt diameter. Anchor bolts may be set in the forms prior to pouring of substructure concrete or set in oversize (3" dia. max.) circumferentially corrugated metal sleeves previously placed. Wash and dry hole before filling with polyester resin or epoxy resin grout.
5. Sole plates are to be beveled as necessary due to vertical geometry of roadway and beams. Maintain 1/2" thickness at center line bearing.
6. Welding procedures, overall fabrication methods and quality control inspection procedure shall be included as written procedure specifications with the shop plan submission.
7. MT indicates Magnetic Particle Testing.
8. Associated construction shall conform to Sections 401 and 403.



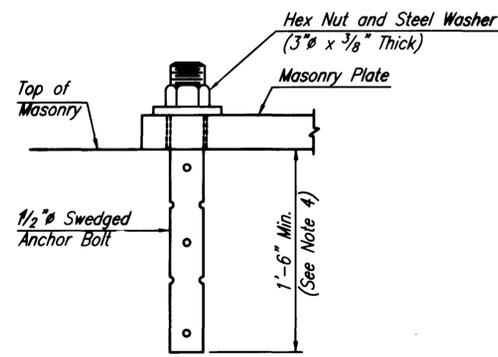
SECTION A-A
FIXED BEARING
TYPE F
N.T.S.



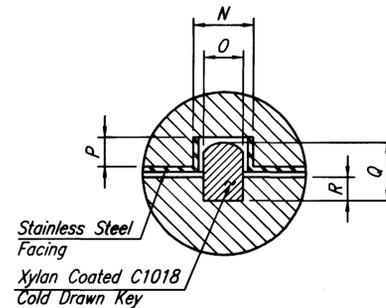
SECTION B-B
NON-GUIDED EXPANSION BEARING
TYPE E
N.T.S.



SECTION C-C
GUIDED EXPANSION BEARING
TYPE R
N.T.S.
NOTE: External guides will be permitted.



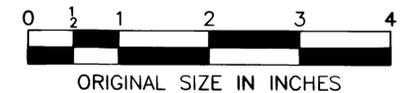
SWEDGED ANCHOR BOLT DETAIL
N.T.S.



DETAIL "A"
N.T.S.

ADDITIONAL NOTES FOR DESIGNER:

1. The weld sizes and number of anchor bolts shown, as well as their diameter and embedment, are minimums. They are to be designed to meet current AASHTO design criteria. The anchor bolts shall be swaged.
2. Dimensions A through E are as per design. Dimensions F through R are to be completed based on manufacturer's recommendations. Provide all dimensions as well as vertical and lateral bearing loads on bridge plans.



1	1/06	NOTE 2 REVISED
	2/05	REISSUED; CONFORMS TO 2004 SPECS
App. No.	DATE	REVISION

NEW JERSEY TURNPIKE AUTHORITY
NEW JERSEY TURNPIKE

POT BEARINGS

OFFICE OF THE CHIEF ENGINEER WOODBRIIDGE, NEW JERSEY	2004 STANDARD DRAWING BR-12
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