

**NOTES**

FOR POT BEARINGS, SEE SPECIAL PROVISIONS.

AT ALL POINTS OF SUPPORT AT BENT #1, NUTS FOR ANCHOR BOLTS SHALL BE TIGHTENED FINGER TIGHT AND GIVEN AN ADDITIONAL 1/4 TURN. THE THREAD OF THE NUT AND BOLT SHALL THEN BE BURRED WITH A SHARP POINTED TOOL.

WHEN WELDING THE SOLE PLATE TO THE GIRDER, USE TEMPERATURE INDICATING WAX PENS, OR OTHER SUITABLE MEANS, TO ENSURE THAT THE TEMPERATURE OF THE BEARING DOES NOT EXCEED 250°F. TEMPERATURES ABOVE THIS MAY DAMAGE THE TFE OR ELASTOMER.

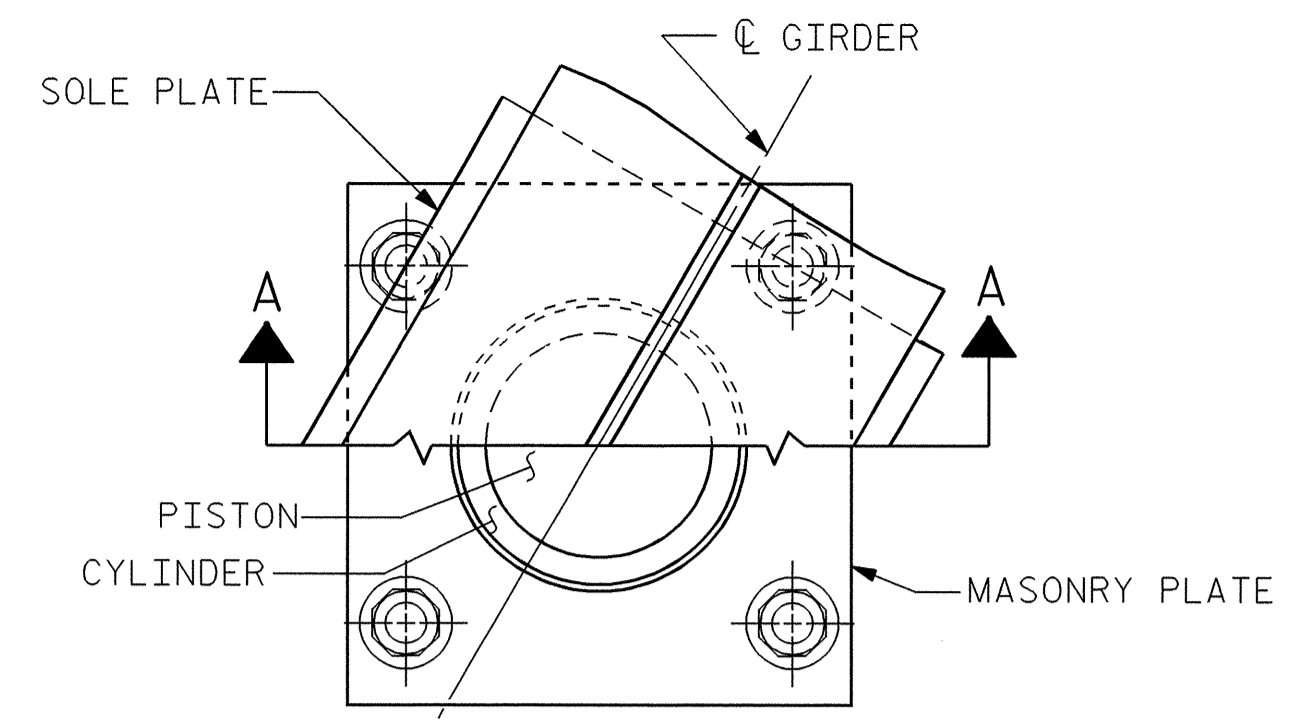
SOLE PLATES SHOULD BE WELDED TO BEAM FLANGES BEFORE FALSEWORK IS PLACED.

ALL SURFACES OF BEARING PLATES SHALL BE SMOOTH AND STRAIGHT.

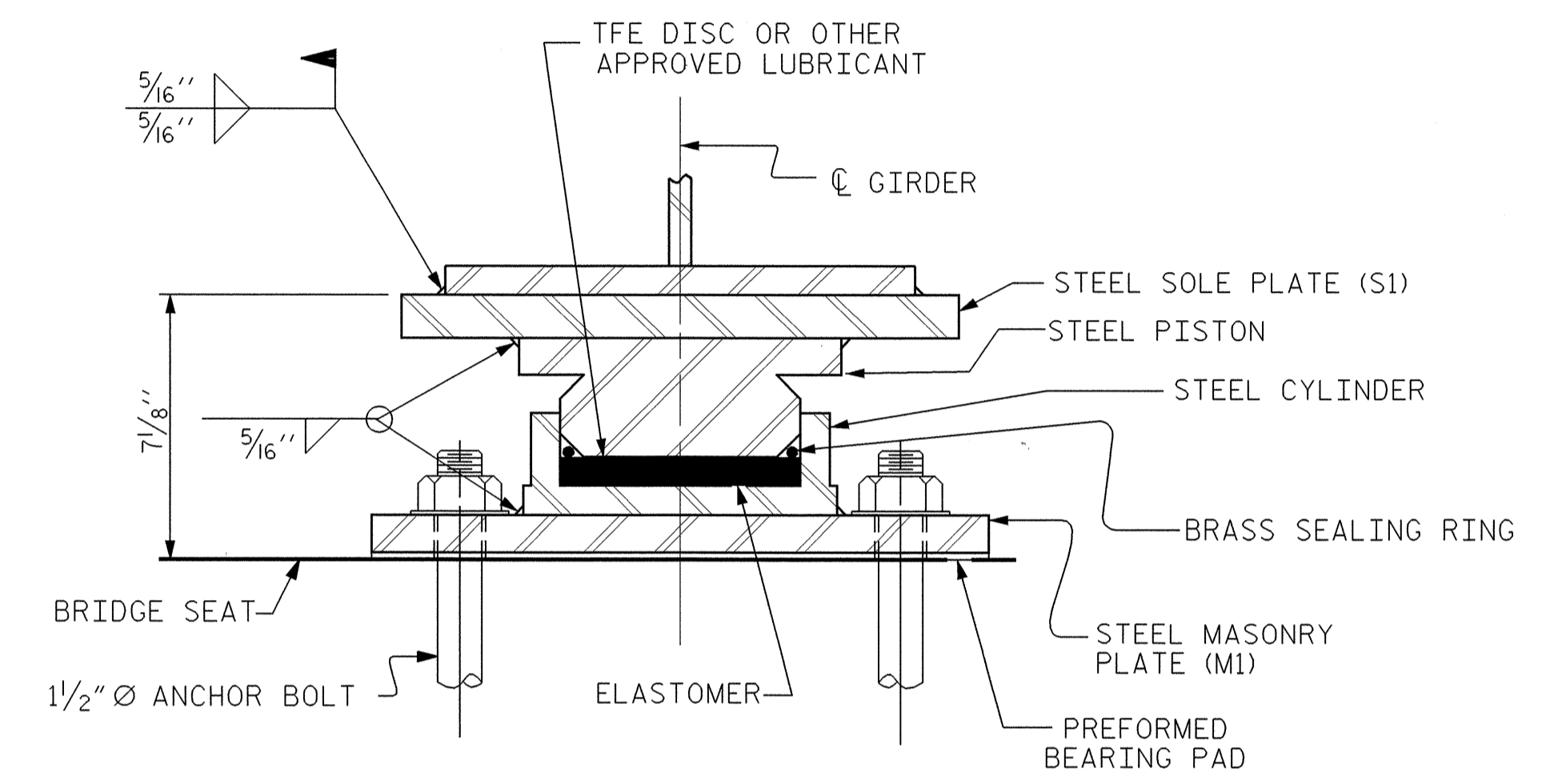
FOR THERMAL SPRAYED COATINGS (METALLIZATION), SEE SPECIAL PROVISIONS.

THE CONTRACTOR MAY SUBSTITUTE DISC BEARINGS FOR THE POT BEARINGS SHOWN. FOR OPTIONAL DISC BEARINGS, SEE SPECIAL PROVISIONS.

THE CONTRACTOR SHALL ADJUST THE GIRDER BUILDUPS AS NECESSARY TO INCORPORATE A MAXIMUM PERMISSIBLE VARIATION IN POT BEARING DEPTH OF 1/2", SEE SPECIAL PROVISION FOR POT BEARINGS.



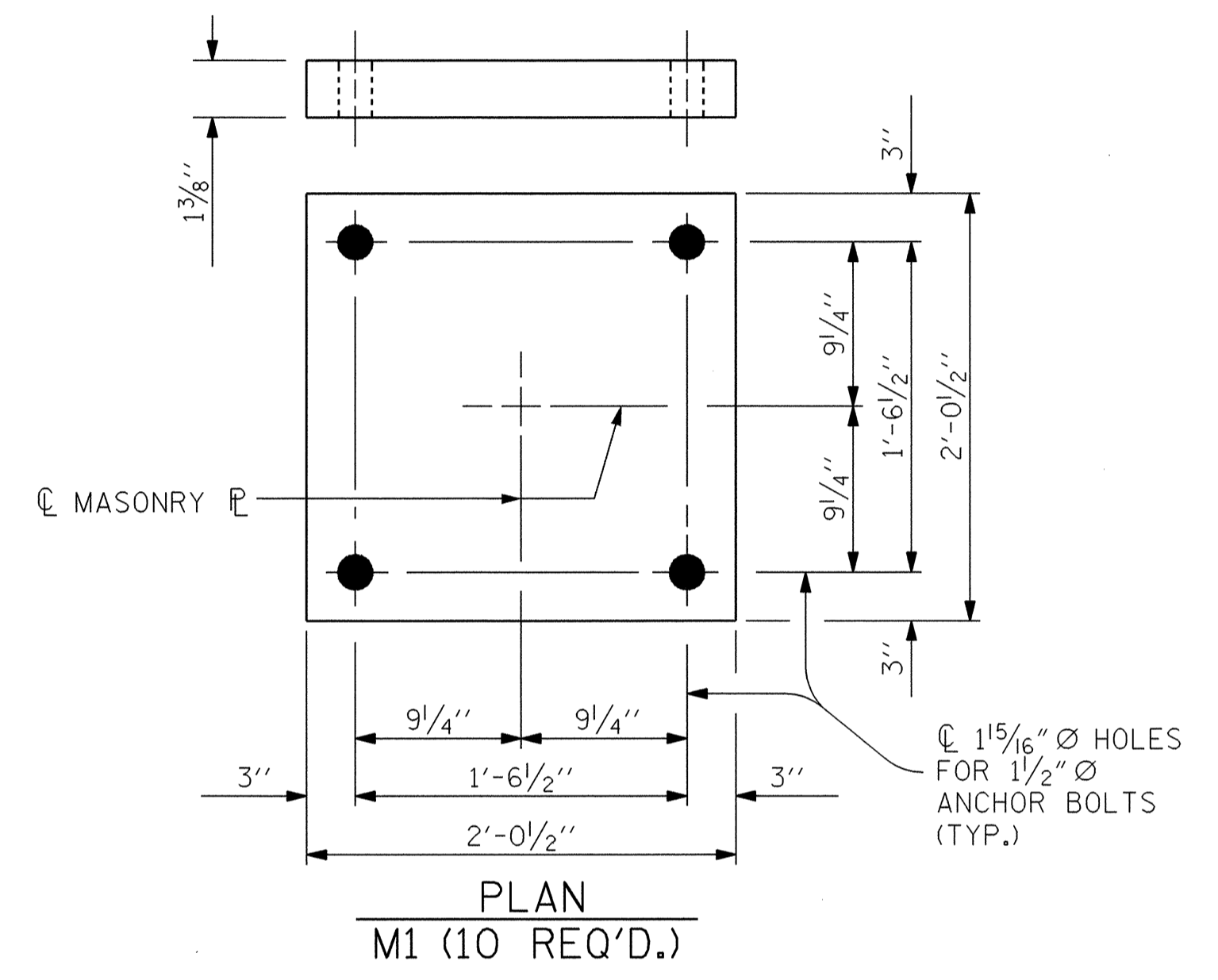
**CUT-AWAY PLAN**



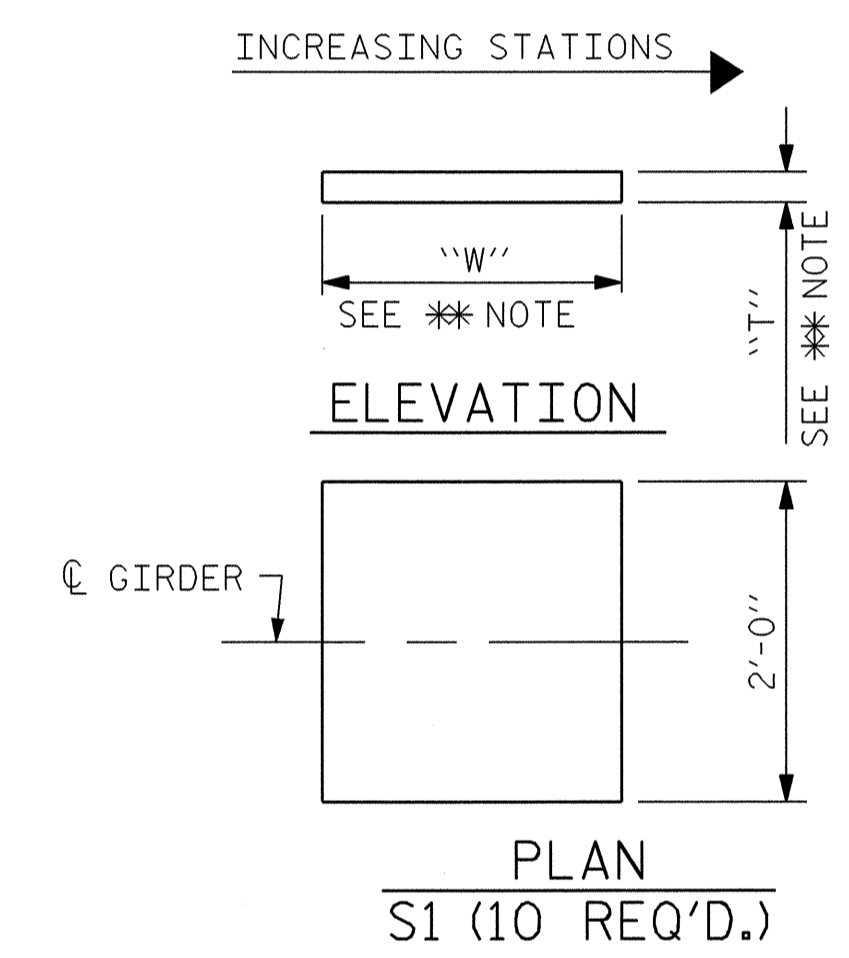
**SECTION A-A**

**PB1, FIXED  
(10 REQ'D.)**

**POT BEARING DETAILS**



**MASONRY PLATE DETAILS**



**SOLE PLATE DETAILS**

**TABLE FOR LOADS AND MOVEMENTS**

BEARING	LOCATION	VERTICAL LOAD (KIPS)			LATERAL LOAD (KIPS)	TOTAL MOVEMENT (INCHES)
		DEAD	LIVE	TOTAL		
PB1 (FIXED)	BENT #1	397	126	523	79	0

ASSEMBLED BY : J.P. ADAMS DATE : 7/11/03  
 CHECKED BY : S.H. SOCKWELL DATE : 10/2/03  
 DRAWN BY : RWW 8/99 REV. 10/17/00 RWW/LES  
 CHECKED BY : LES 8/99 REV. 7/10/01 LES/RDR  
 REV. 5/7/03 RWW/JTE



PROJECT NO. I-2102  
FORSYTH COUNTY  
 STATION: 20+71.54 -L-

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**STANDARD  
 POT BEARING  
 DETAILS**

REVISIONS						SHEET NO. S-16
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 51
2			4			