

**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 121°C. TEMPERATURES ABOVE THIS MAY DAMAGE THE TFE OR ELASTOMER.

AFTER BEARING ASSEMBLY IS IN PLACE AND ANCHOR BOLTS HAVE BEEN FINALLY POSITIONED. THEY SHALL BE GROUTED IN PLACE AS SHOWN.

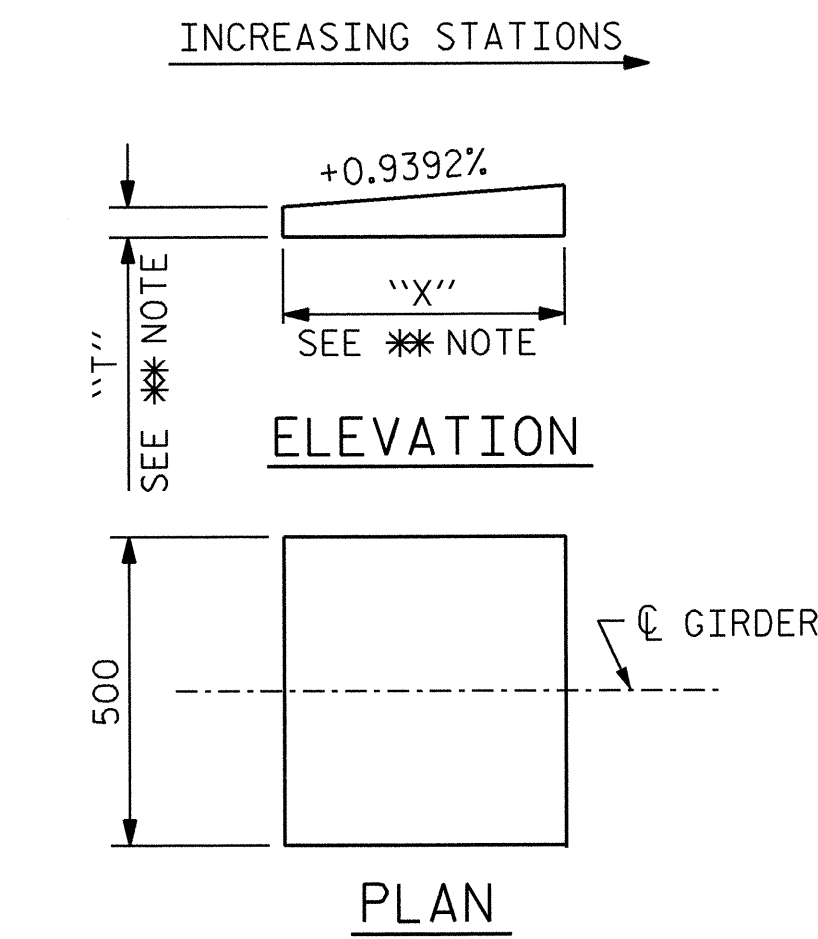
THE CLOSURE PLATE, GROUT PIPE AND STANDARD PIPE FOR THIS ASSEMBLY NEED NOT BE GALVANIZED.

SOLE PLATES SHOULD BE WELDED TO BEAM FLANGES AND ANCHOR BOLTS SHOULD BE GROUTED BEFORE FALSEWORK IS PLACED.

ALL SURFACES OF BEARING PLATES SHALL BE SMOOTH AND STRAIGHT.

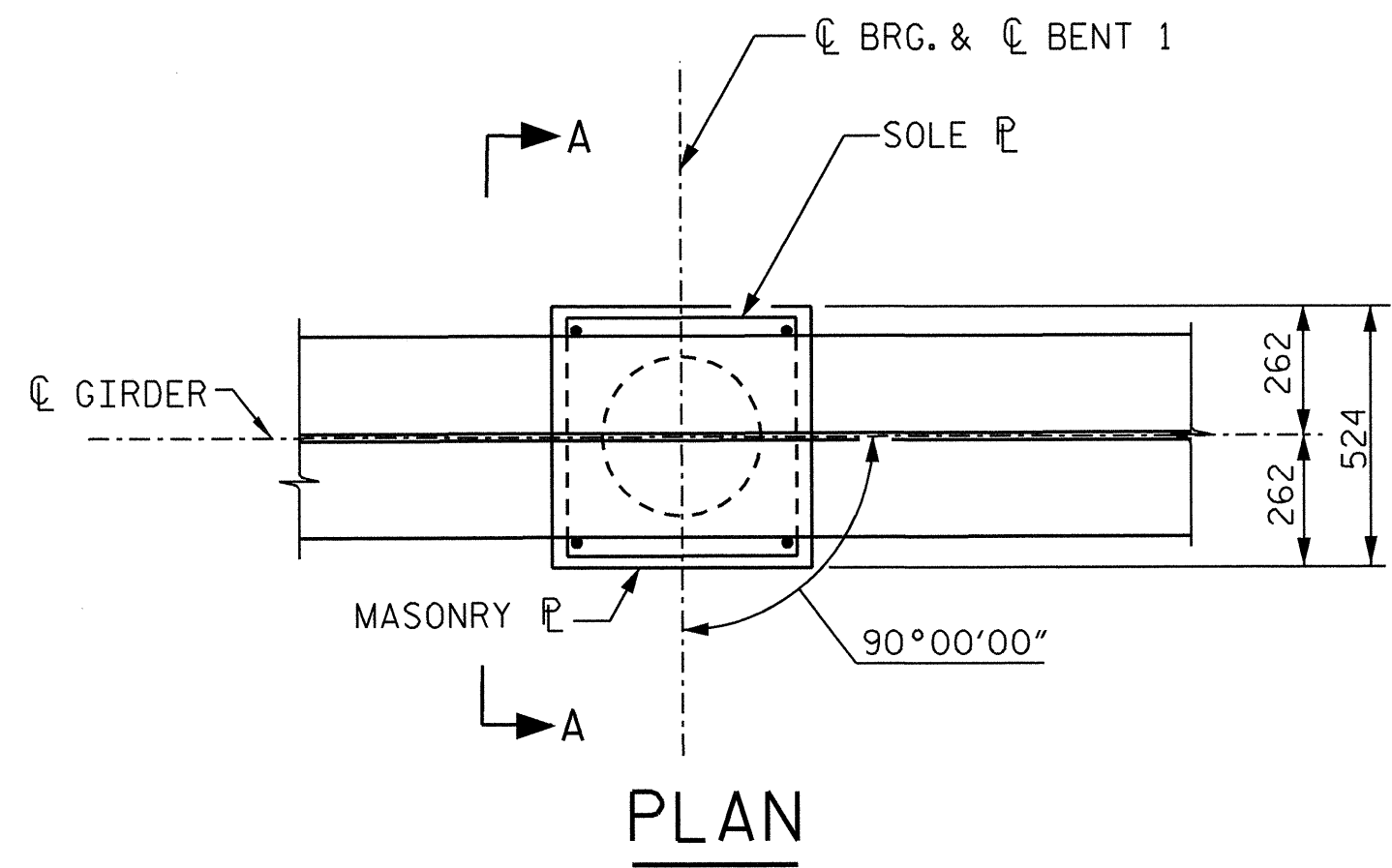
FOR THERMAL SPRAYED COATINGS (METALLIZATION), SEE SPECIAL PROVISIONS.

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

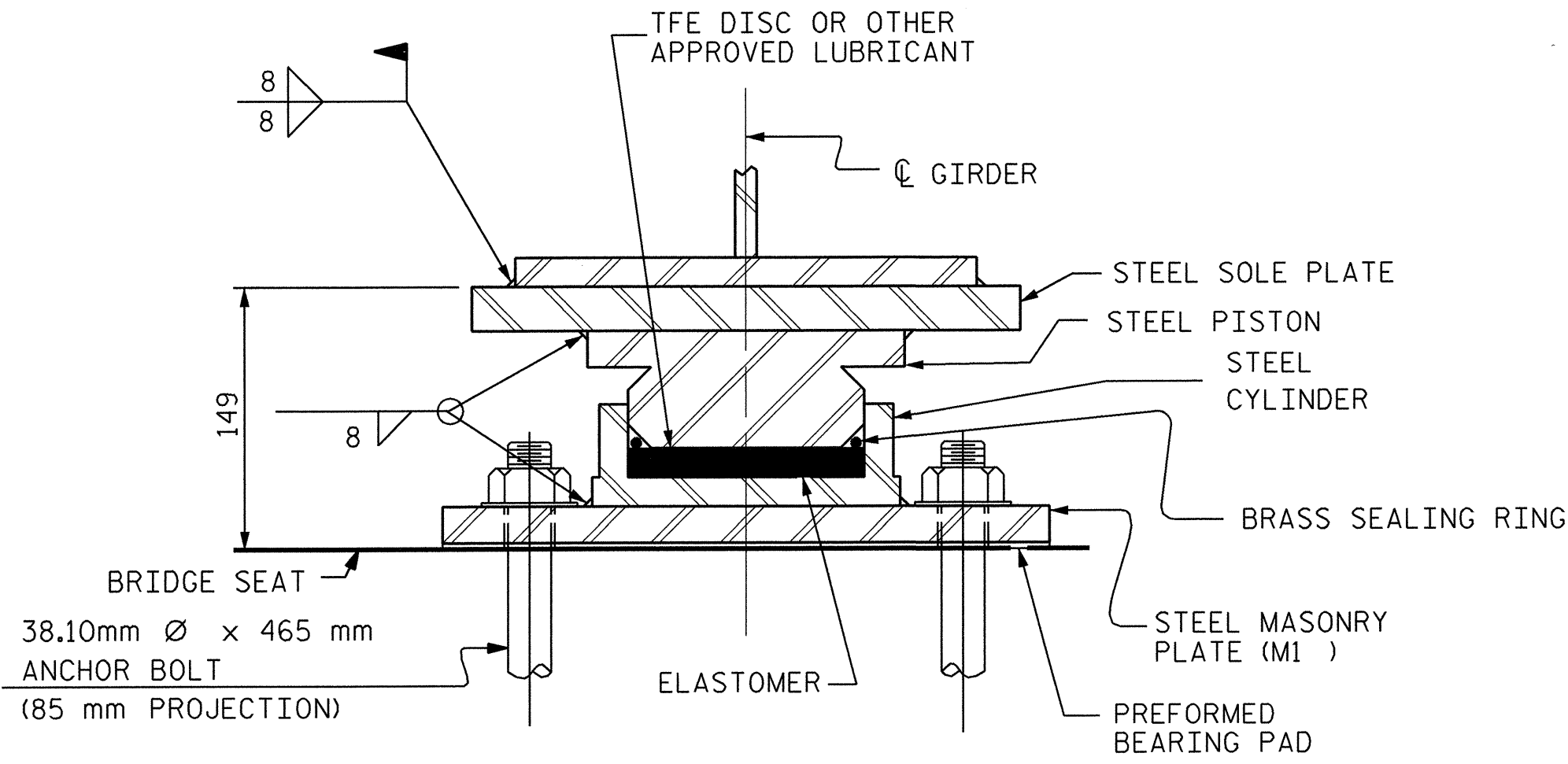


\*\* NOTE: DIMENSION "T" AND "X" ARE TO BE DETERMINED BY THE MANUFACTURER.

**SOLE PLATE DETAILS**

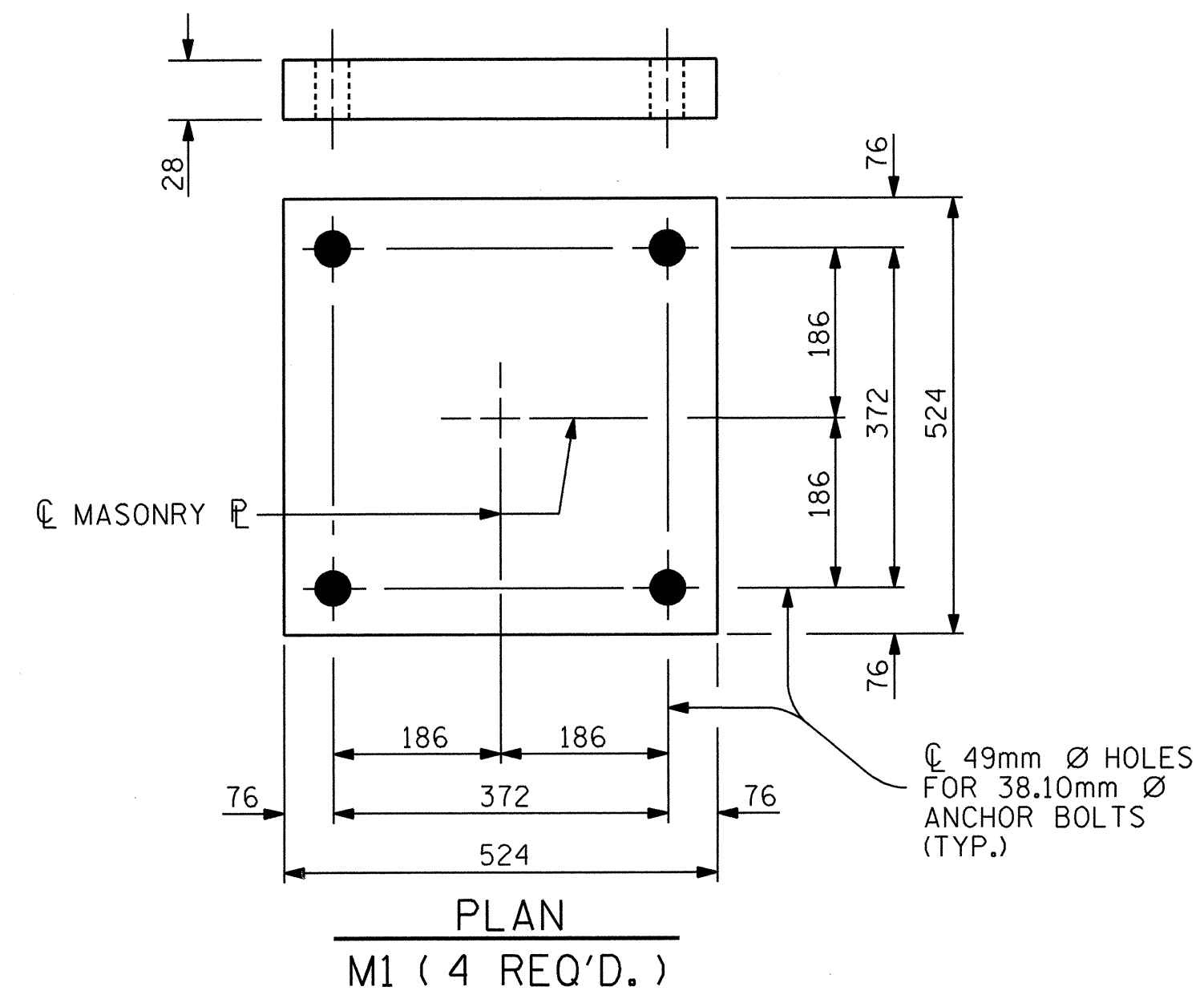


**PLAN**



**SECTION A-A  
FIXED BEARING @ BENT 1 (FB-1)  
( 4 REQ'D. )**

**POT BEARING DETAILS**



**PLAN  
M1 ( 4 REQ'D. )**

**MASONRY PLATE DETAILS**

BEARING	LOCATION	VERTICAL LOAD ( KN )			LATERAL LOAD ( KN )	TOTAL MOVEMENT ( mm )
		DEAD	LIVE	TOTAL		
FB-1 (FIXED)	BENT 1	1269	457	1726	254	0

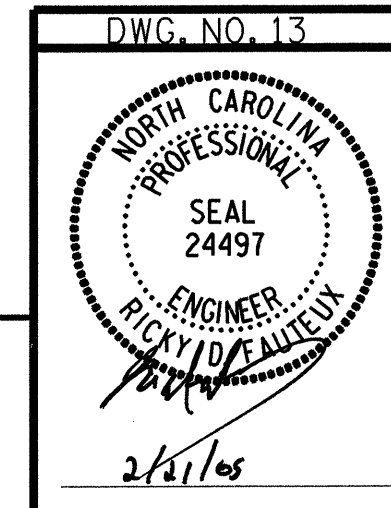
PROJECT NO. R-2552AA  
WAKE / JOHNSTON COUNTY  
 STATION: 27+61.028 -L- P.O.T.

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**STANDARD  
 POT BEARING**

JANUARY 2005

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-240
1			3			TOTAL SHEETS
2			4			429



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 RALEIGH, NORTH CAROLINA 27609-3960

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ASSEMBLED BY : B. PARRISH DATE : 01/05  
 CHECKED BY : R. D. FAUTEUX DATE : 01/05  
 DRAWN BY : RWW 8/99 REV. 10/17/00 RWW/LES  
 CHECKED BY : LES 8/99 REV. 7/10/01 LES/RWW  
 REV. 5/7/03 RWW/JTE