

NOTES

FOR ELASTOMERIC BEARINGS, SEE SPECIAL PROVISIONS.

THE 2" Ø PIPE SLEEVE SHALL BE CUT FROM SCHEDULE 40 PVC PLASTIC PIPE. THE PVC PLASTIC PIPE SHALL MEET THE REQUIREMENTS OF ASTM D1785.

THE PAYMENT FOR THE PIPE SLEEVES SHALL BE INCLUDED IN THE SEVERAL PAY ITEMS.

FOR AASHTO M270 GRADE 50W STRUCTURAL STEEL, SOLE PLATE SHALL BE AASHTO M270 GRADE 50W AND SHALL NOT BE GALVANIZED. ANCHOR BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

ANCHOR BOLTS SHALL MEET THE REQUIREMENTS OF ASTM A449. NUTS SHALL MEET THE REQUIREMENTS OF AASHTO M291-DH OR AASHTO M292-2H. WASHERS SHALL MEET THE REQUIREMENTS OF AASHTO M293. SHOP DRAWINGS ARE NOT REQUIRED FOR ANCHOR BOLTS, NUTS AND WASHERS. SHOP INSPECTION IS REQUIRED.

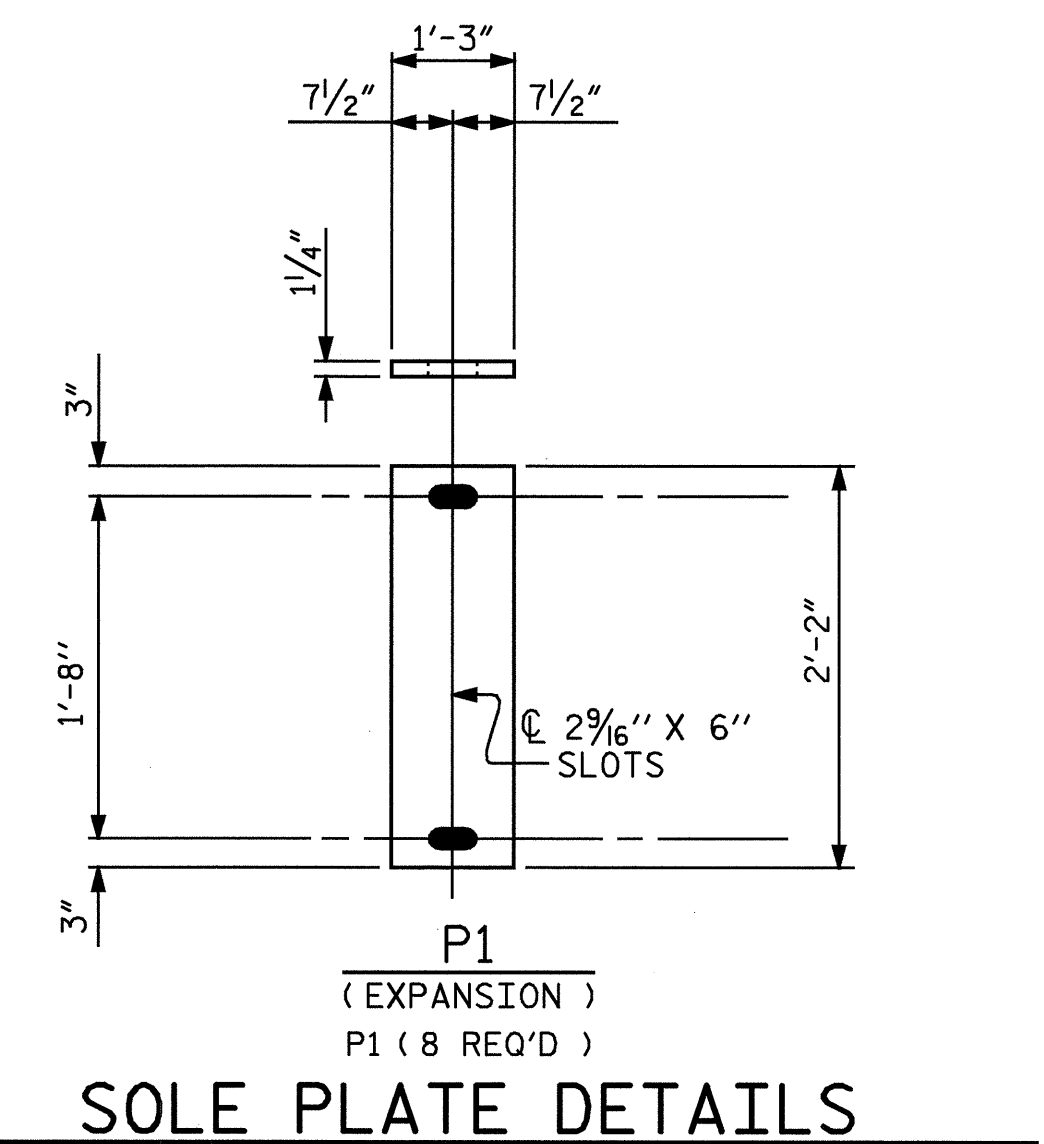
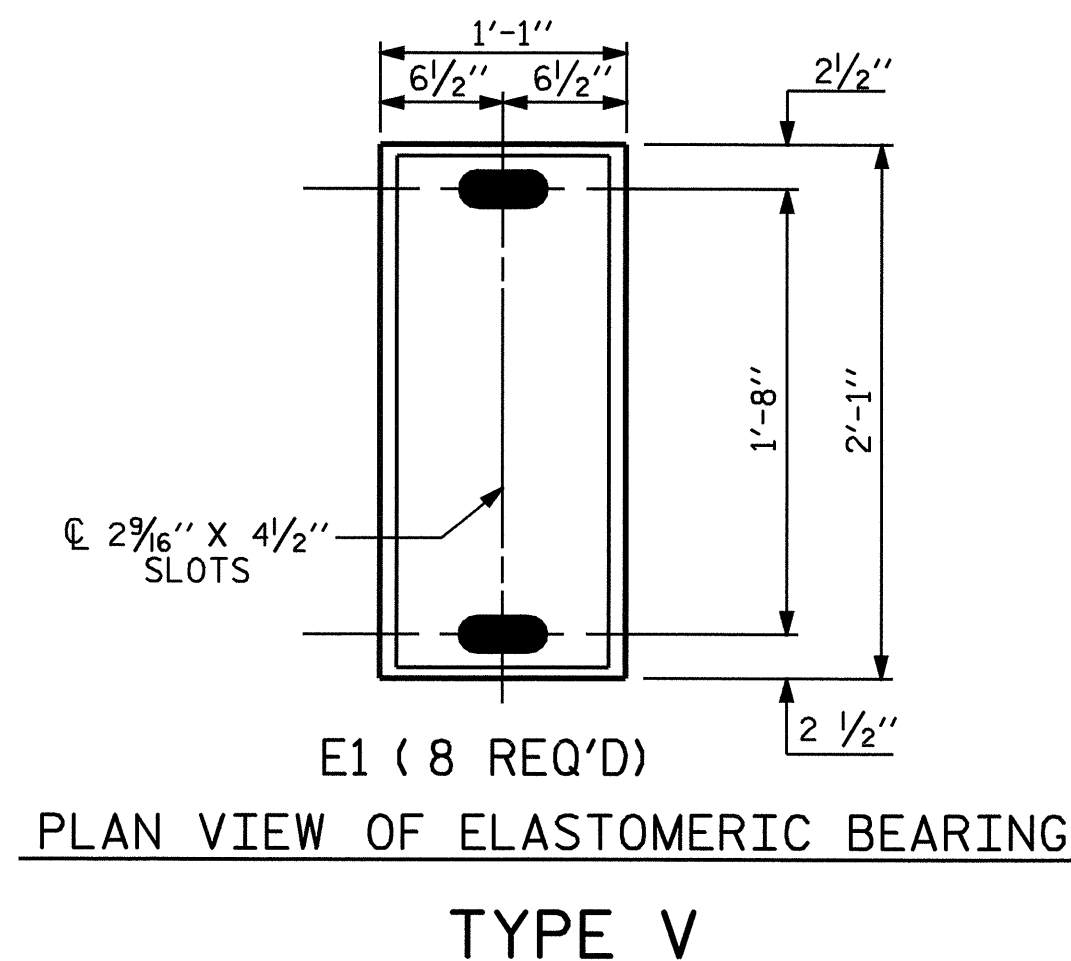
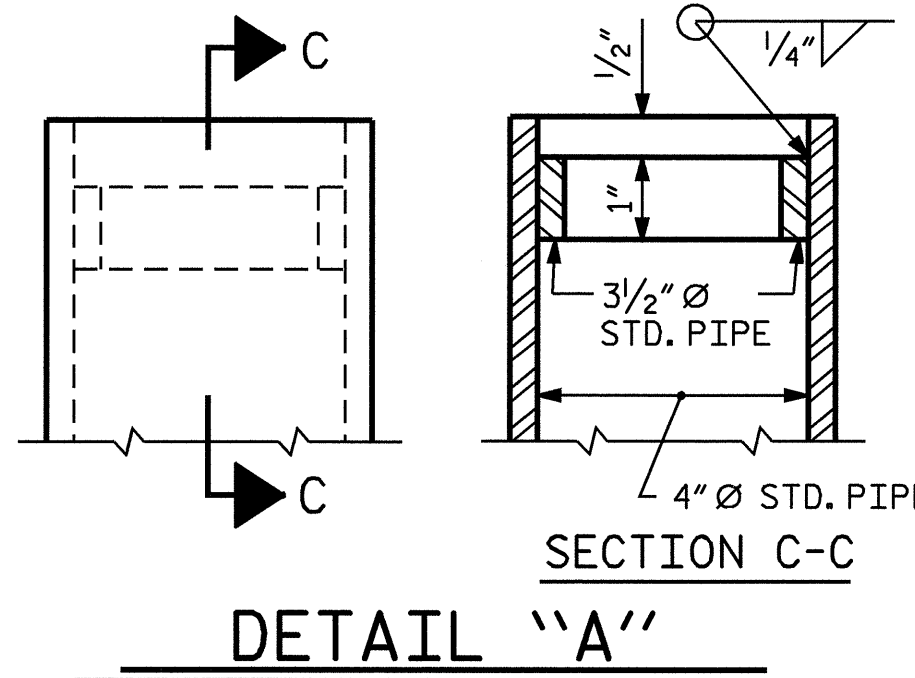
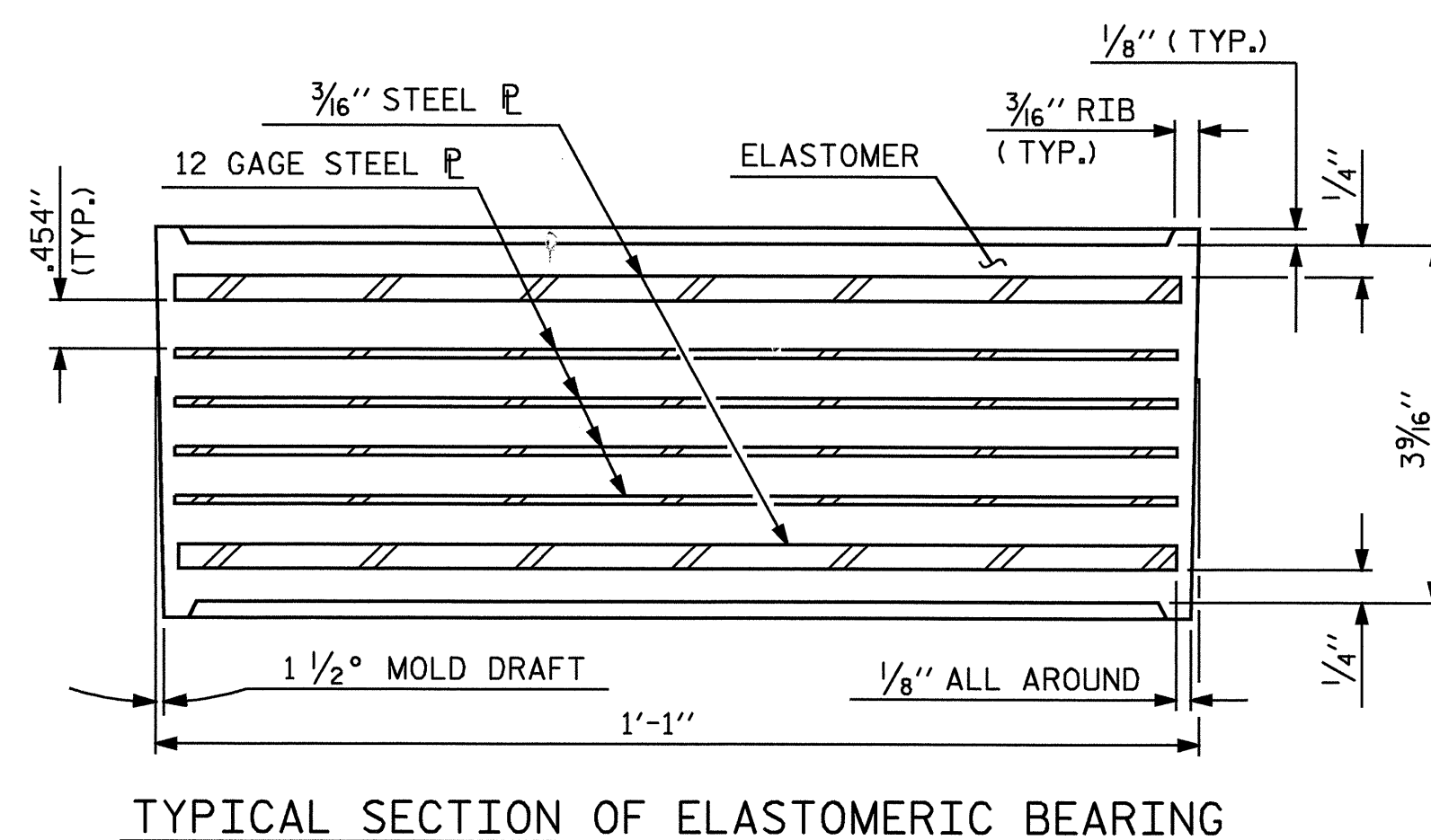
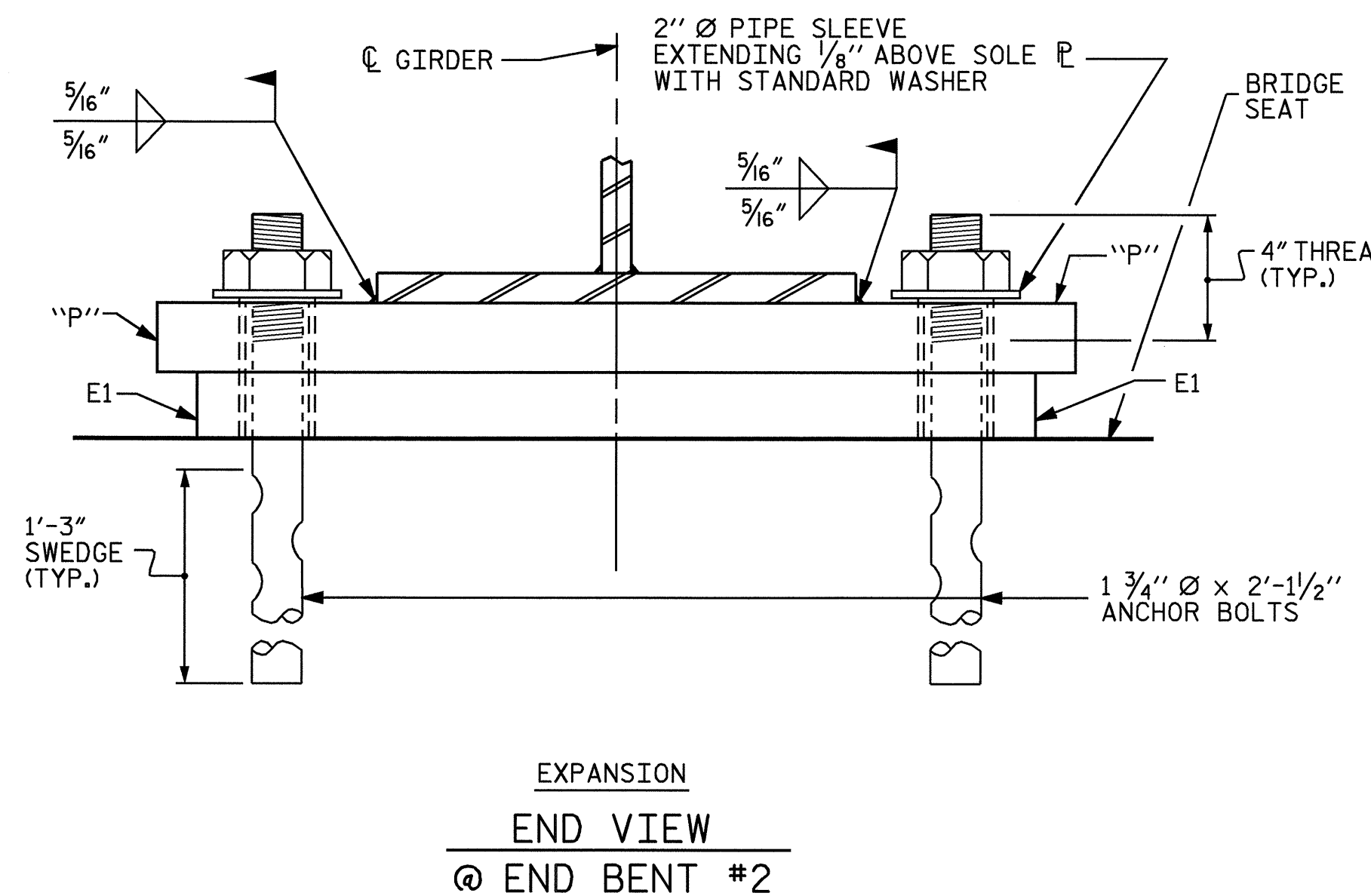
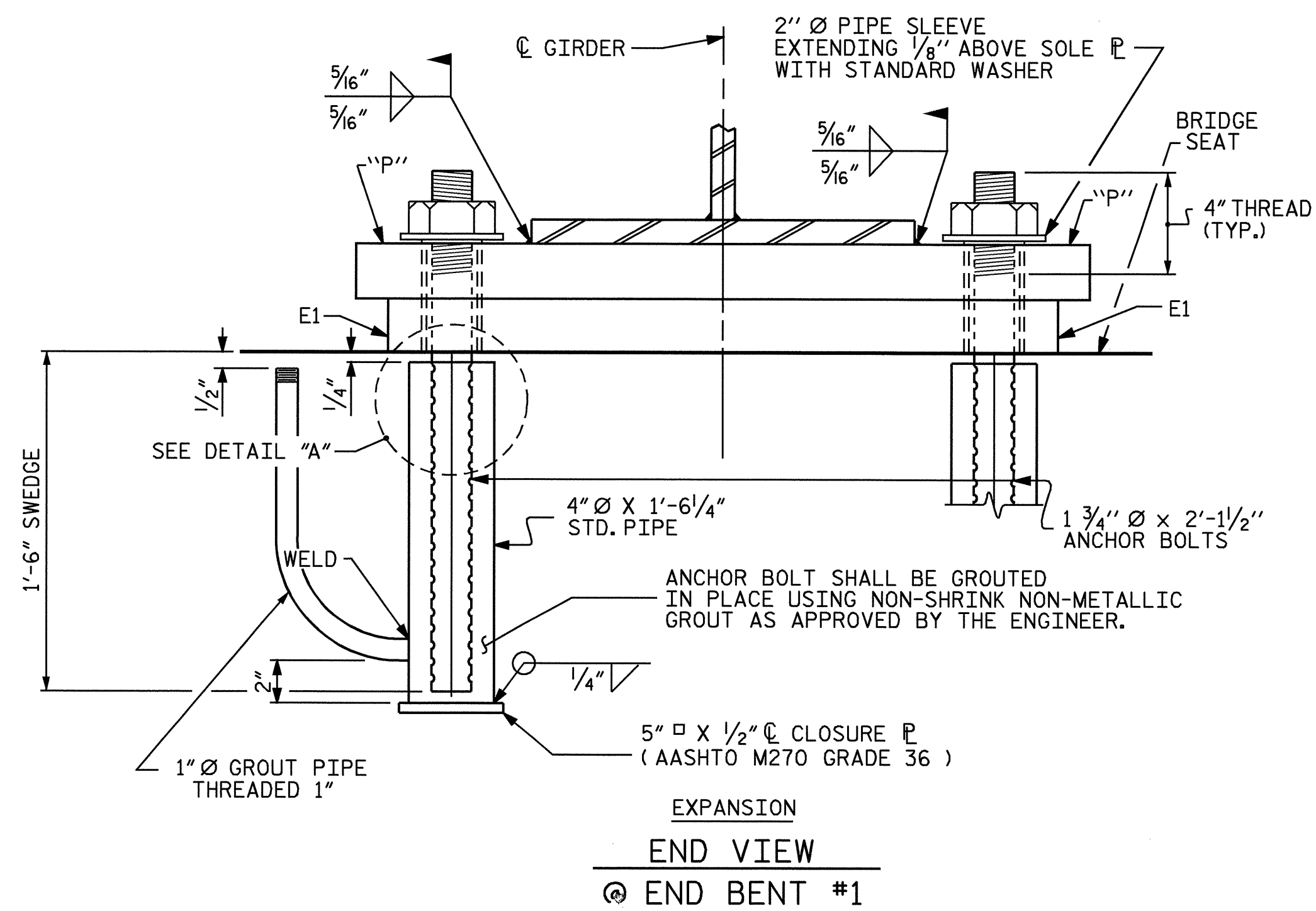
WHEN FIELD WELDING THE SOLE PLATE TO THE GIRDER FLANGE, USE TEMPERATURE INDICATING WAX PENS, OR OTHER SUITABLE MEANS, TO ENSURE THAT THE TEMPERATURE OF THE SOLE PLATE DOES NOT EXCEED 300°F. TEMPERATURES ABOVE THIS MAY DAMAGE THE ELASTOMER.

ALL SURFACES OF BEARING PLATES SHALL BE SMOOTH AND STRAIGHT.

THE CLOSURE PLATE AND STANDARD PIPE FOR EXPANSION ASSEMBLY NEED NOT BE GALVANIZED.

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT:

1. THE ANCHOR BOLTS SHALL BE GROUTED PRIOR TO PLACING THE FALSEWORK.
2. ONCE THE DECK HAS BEEN POURED AND HAS CURED, GIRDERS SHALL BE JACKED AND SOLE PLATES AND ELASTOMERIC BEARING SLOTS SHALL BE CENTERED ABOUT THE ANCHOR BOLTS. THIS OPERATION SHALL BE PERFORMED AT APPROXIMATELY 60°F.
3. THE SOLE PLATES SHALL BE FIELD WELDED TO THE GIRDER FLANGES.



-LOAD RATINGS-	
TYPE	MAX.D.L.+ L.L.
TYPE V	200 K



PROJECT NO. B-4010  
ASHE COUNTY  
 STATION: 20+93.60-L-

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
STANDARD ELASTOMERIC BEARING DETAILS (STEEL SUPERSTRUCTURE)					
OCTOBER 1996					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS 37

ASSEMBLED BY : L.L. MURPHY	DATE : 3-04
CHECKED BY : D. HODGE	DATE : 05-04
DRAWN BY : EEM 10/95	REV. 8/16/99 MAB/LES
CHECKED BY : PEK 10/95	REV. 10/17/00 RWW/LES
	REV. 7/10/01 LES/RDR