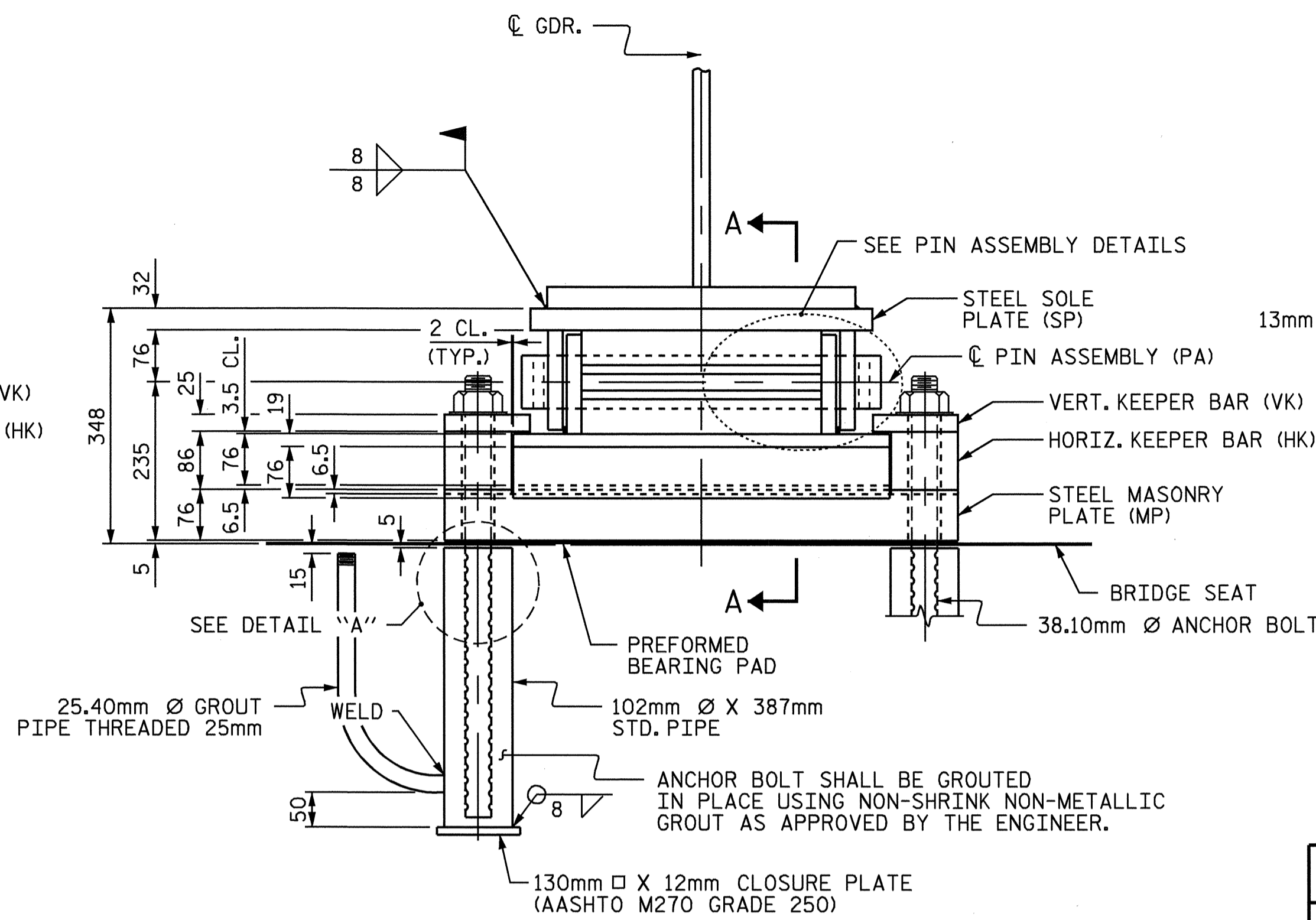
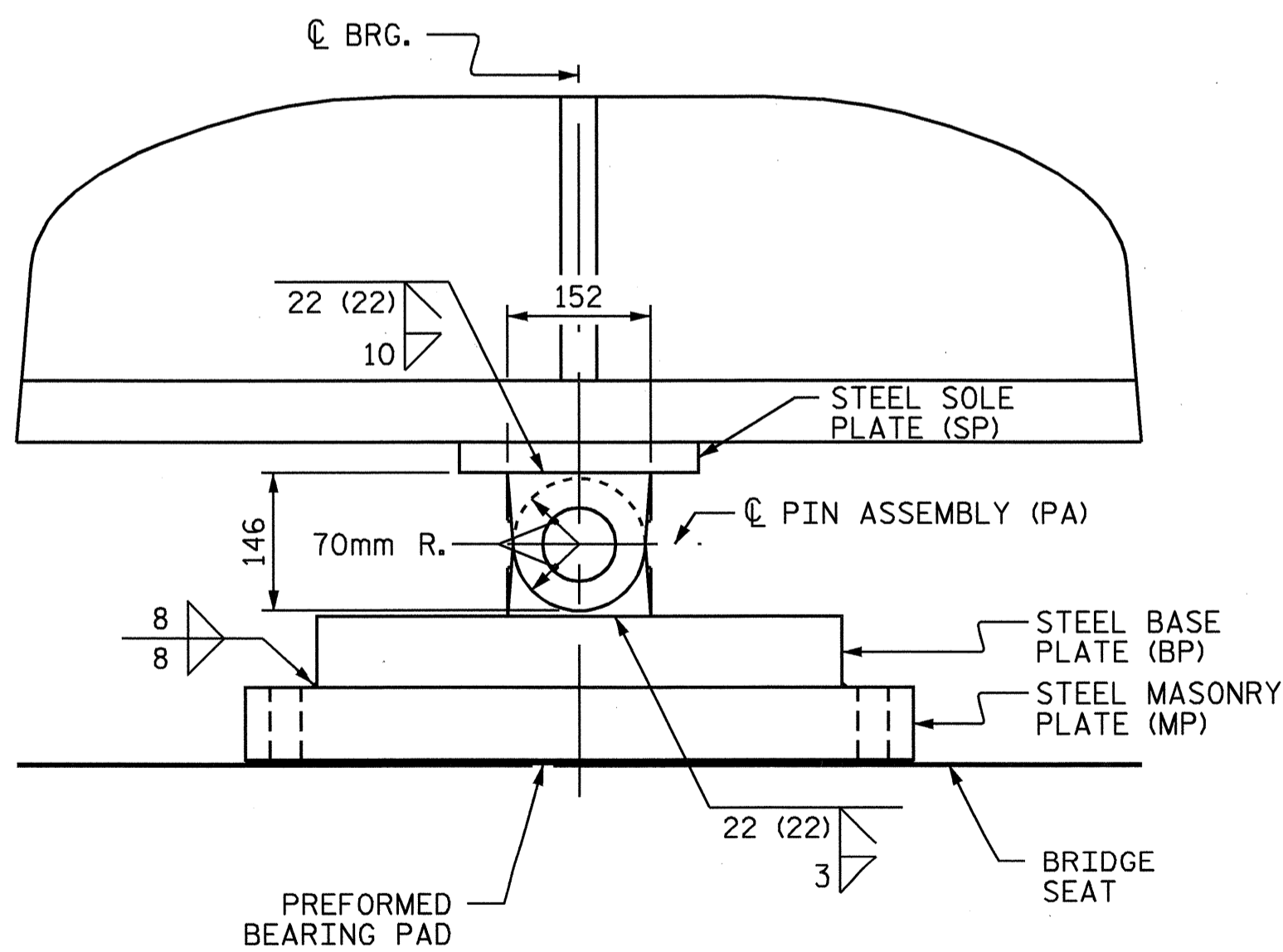


END VIEW

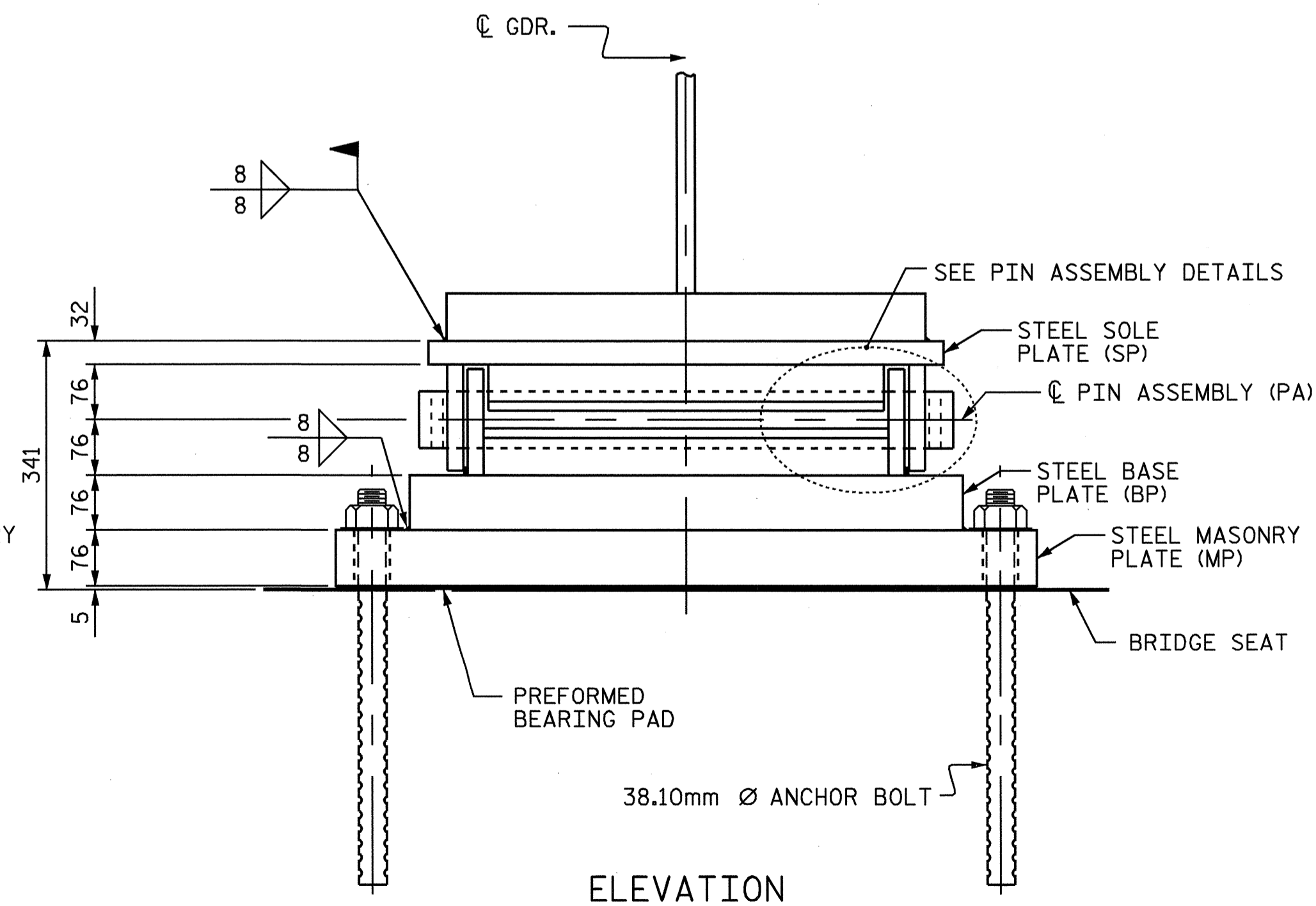


ELEVATION

EXPANSION BEARING DETAILS



END VIEW



ELEVATION

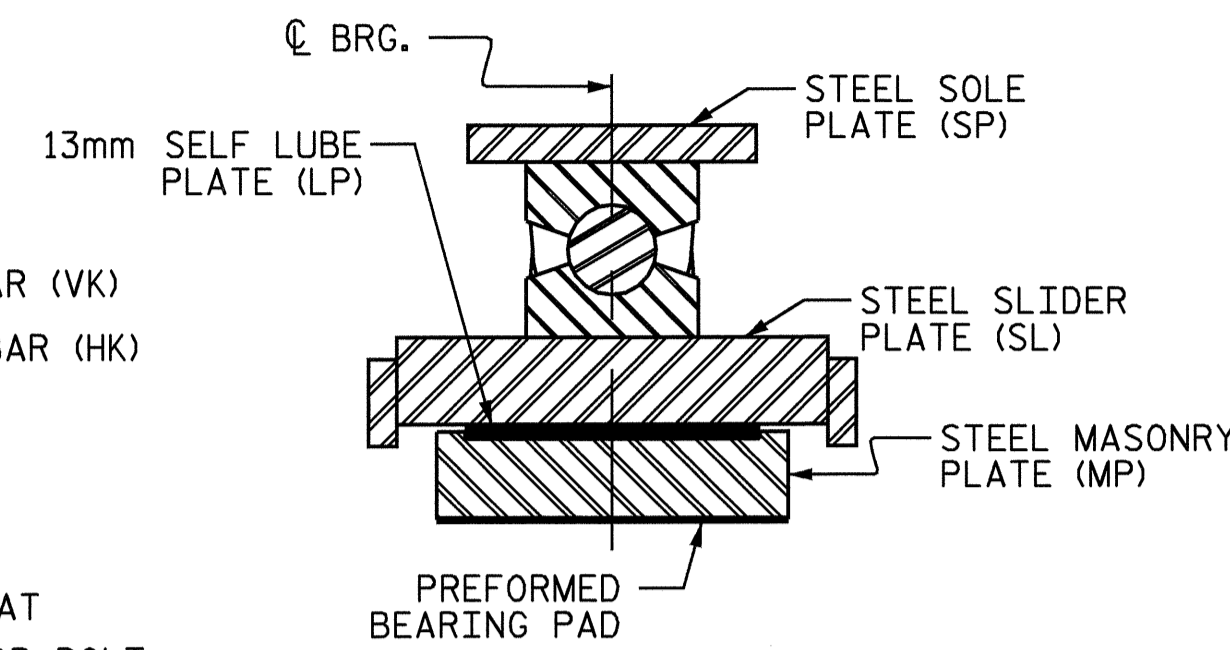
FIXED BEARING DETAILS

DRAWN BY : L.E. SUTTON DATE : 10/19/04
 CHECKED BY : M.A. ALLEN DATE : 10/25/04

21-DEC-2004 07:09
 W:\Squad\LR-0977A\str\l\lutton\R0977A.sd.BG.01.dgn
 lsutton

NOTES

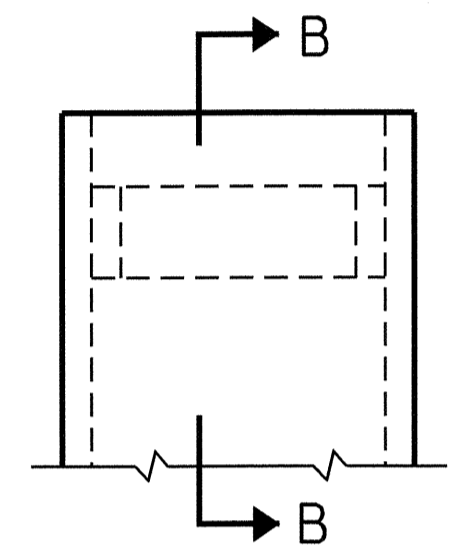
- FOR PIN ROCKER BEARINGS, SEE SPECIAL PROVISIONS.
- FOR THERMAL SPRAYED COATINGS (METALLIZATION), SEE SPECIAL PROVISIONS.
- THE CLOSURE PLATE, GROUT PIPE, AND STANDARD PIPE FOR THIS ASSEMBLY NEED NOT BE GALVANIZED.
- AT ALL POINTS OF SUPPORT IN SPANS A & B, NUTS FOR ANCHOR BOLTS SHALL BE TIGHTENED FINGER TIGHT AND GIVEN AN ADDITIONAL 1/4 TURN.
- THE THREAD OF THE NUT AND BOLT SHALL THEN BE BURRED WITH A SHARP POINTED TOOL.
- AFTER BEARING ASSEMBLY IS IN PLACE AND ANCHOR BOLTS HAVE BEEN FINALLY POSITIONED, THEY SHALL BE GROUTED IN PLACE AS SHOWN.
- SOLE PLATES SHOULD BE WELDED TO GIRDER FLANGES AND ANCHOR BOLTS SHOULD BE GROUTED BEFORE FALSEWORK IS PLACED.
- ALL SURFACES OF BEARING PLATES SHALL BE SMOOTH AND STRAIGHT.



SECTION A-A

TABLE FOR LOADS AND MOVEMENTS

BEARING	LOCATION	VERTICAL LOAD (kN)			TOTAL MOVEMENT (mm)
		DEAD	LIVE	TOTAL	
PR1 (EXP.)	E.BT. 1	520	472	992	104
PR3 (EXP.)	BT. 1	3150	1272	4422	65
PR4 (FIX.)	BT. 2	3150	1272	4422	--
PR2 (EXP.)	E.BT. 2	520	472	992	38



SECTION B-B

DETAIL "A"

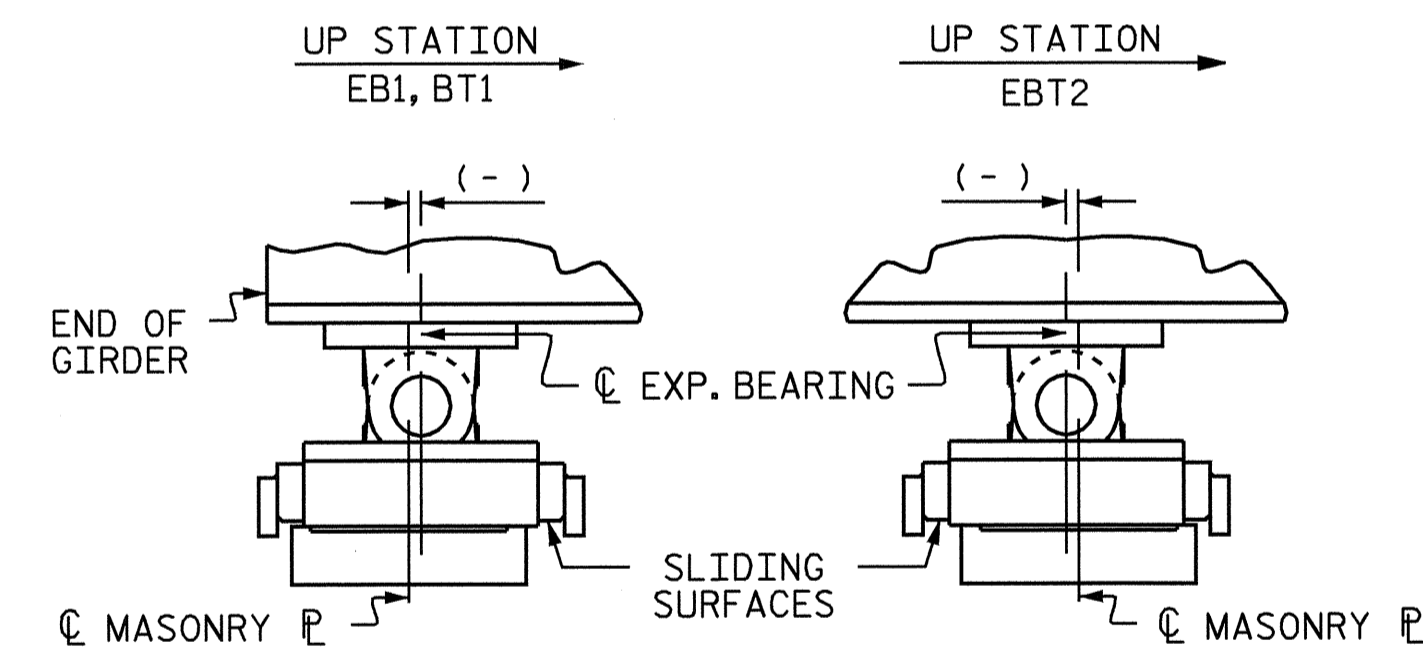


PLATE SETTING DATA (EXPANSION BEARINGS)

TEMPERATURE AT TIME OF SETTING	0° C	16° C	32° C
E.BT. 1	-30	0	30
BT. 1	-19	0	19
E.BT. 2	-11	0	11

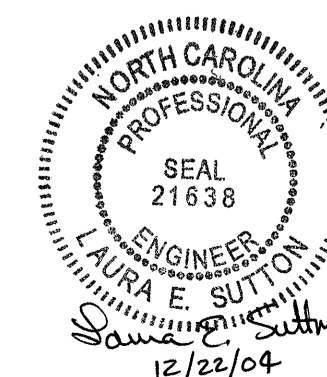
TEMPERATURE SETTING DETAIL

PROJECT NO. R-0977A
 CHEROKEE COUNTY
 STATION: 16+02.300-LC1B-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

PIN ROCKER BEARING DETAILS



REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-20
1			3			TOTAL SHEETS
2			4			230

STR. #1