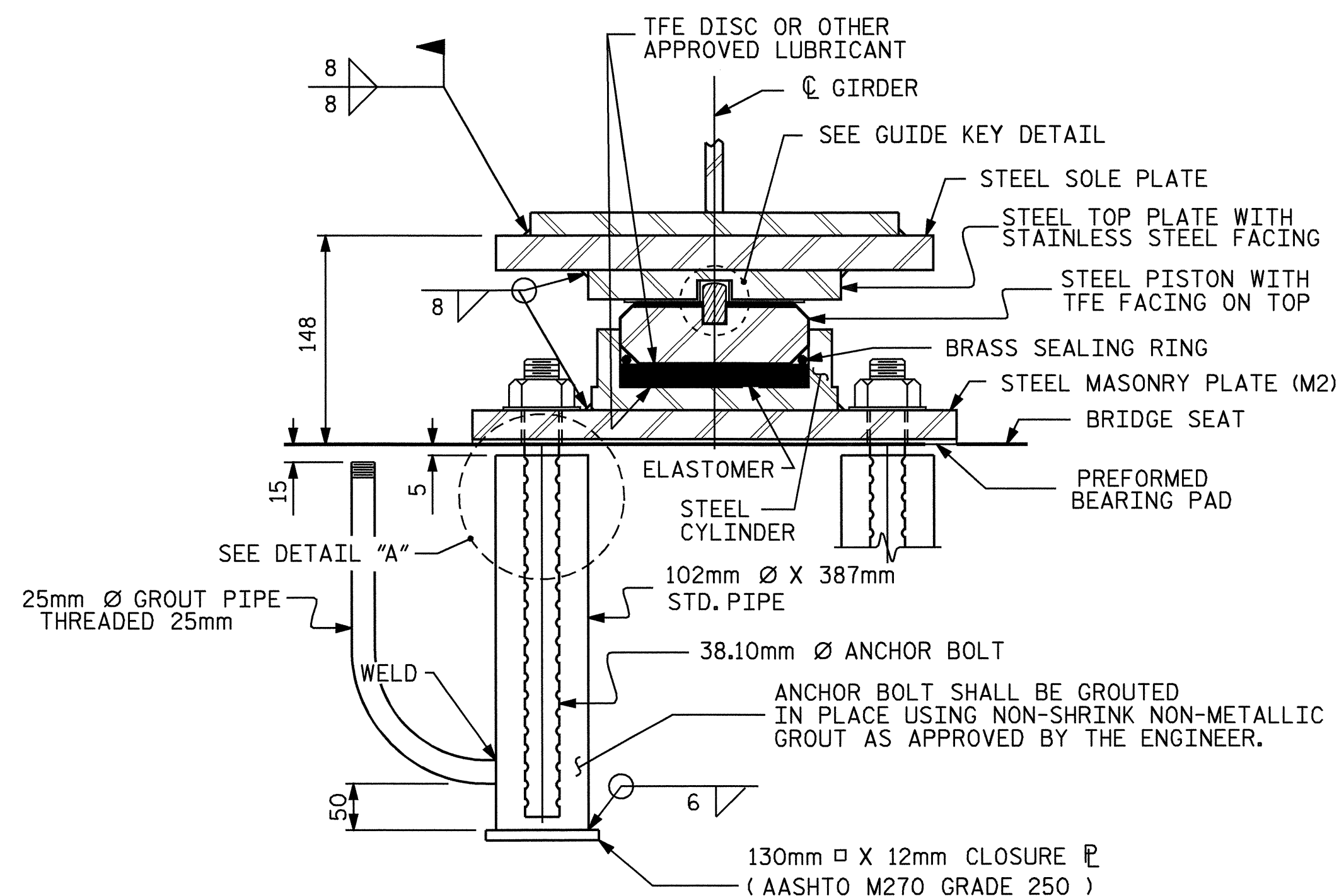


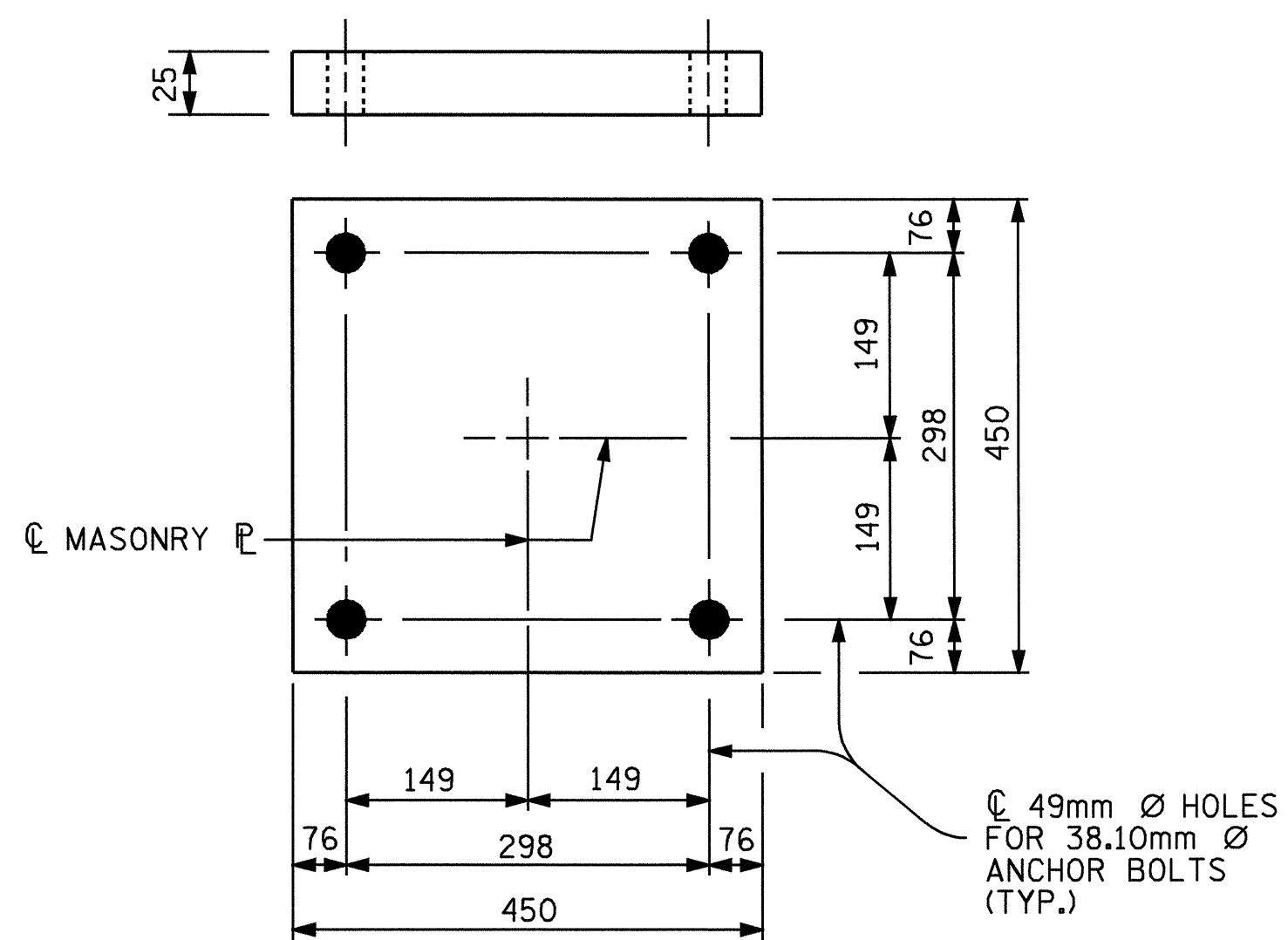
CUT-AWAY PLAN



SECTION B-B

PB3, EXP. PB4, EXP.
(4 REQ'D.) (4 REQ'D.)

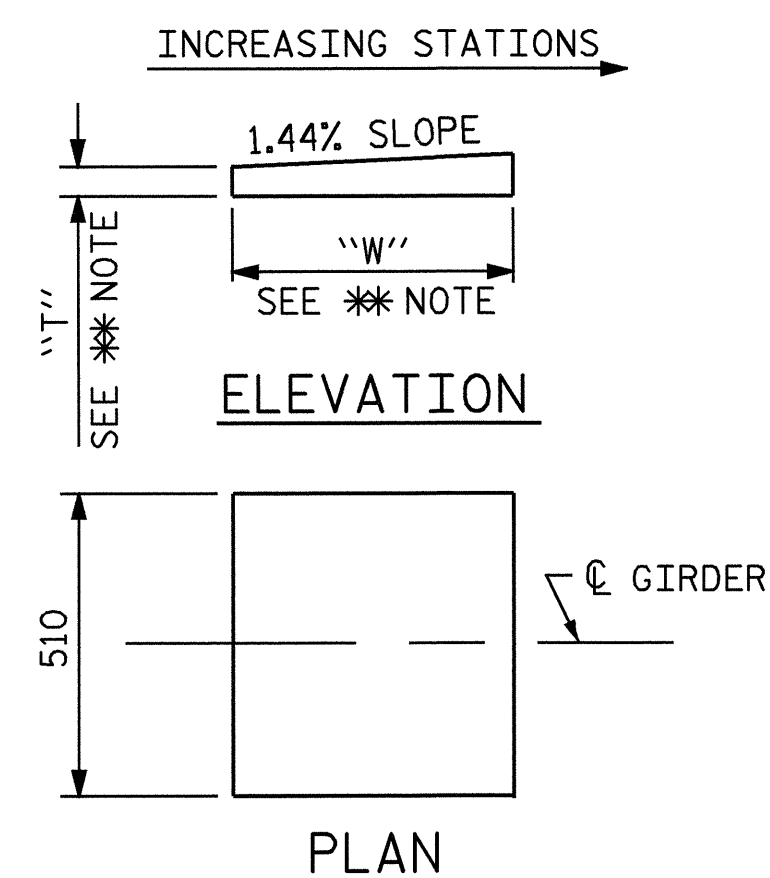
POT BEARING DETAILS



PLAN

M2 (8 REQ'D.)

MASONRY PLATE DETAILS

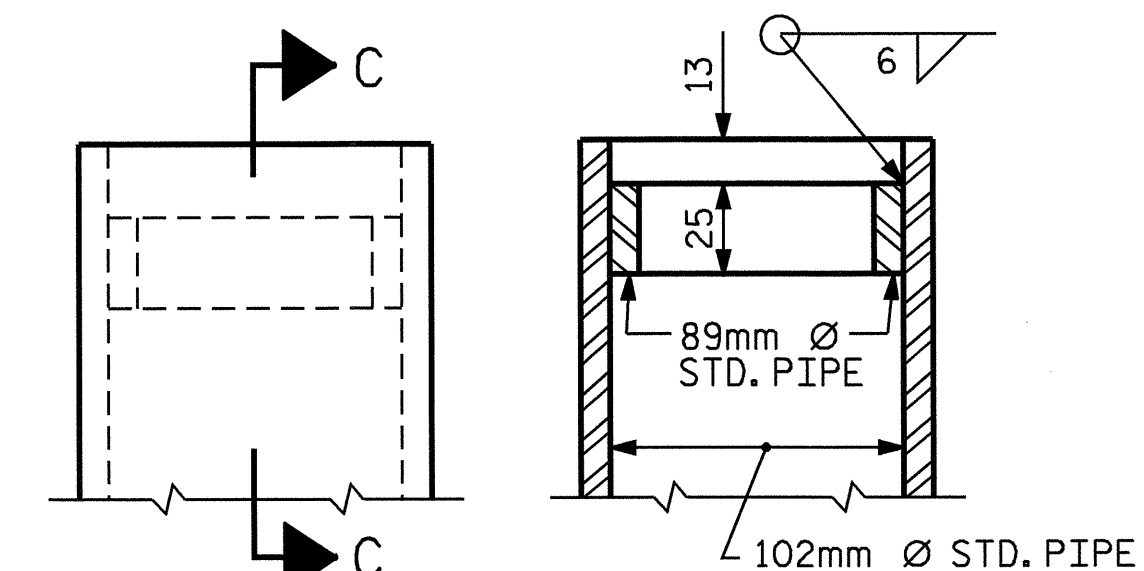


ELEVATION

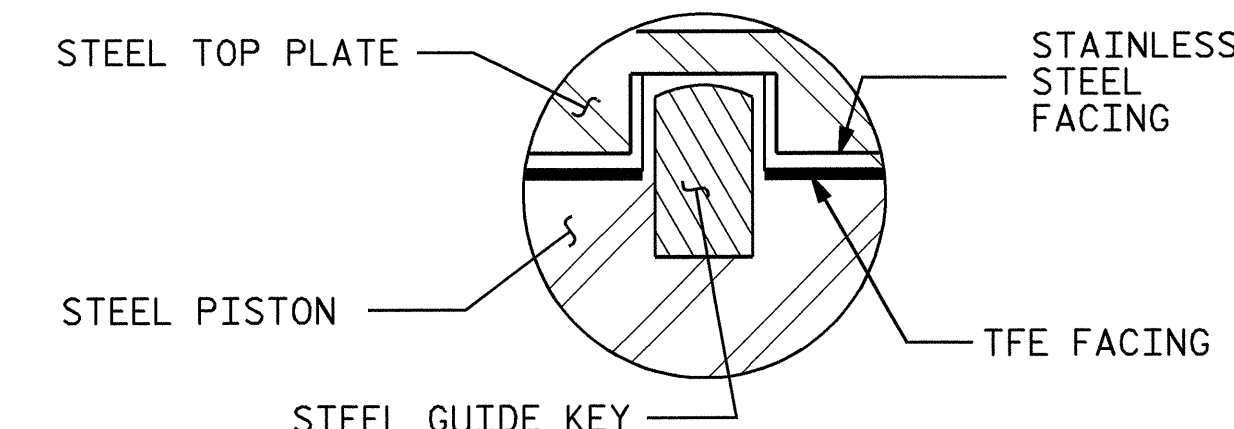
PLAN

** NOTE: DIMENSIONS "W" AND "T" ARE TO BE DETERMINED BY THE MANUFACTURER.

SOLE PLATE DETAILS



DETAIL "A"



GUIDE KEY SETTING ANGLES

GIRDER	POT BEARING @ E BT 1 PB3	POT BEARING @ E BT 2 PB4
#1	57°-46'-12"	53°-44'-38"
#2	57°-42'-01"	53°-39'-46"
#3	57°-37'-48"	53°-34'-52"
#4	57°-33'-35"	53°-29'-57"

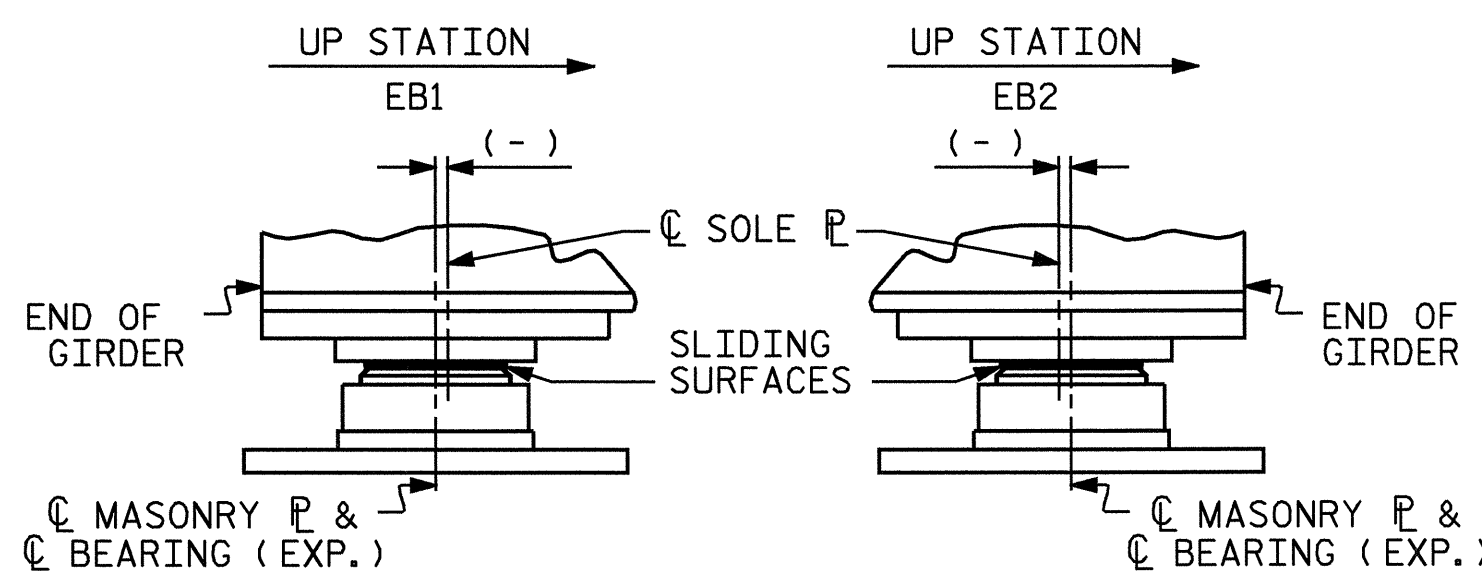


TABLE FOR PLATE SETTING DATA
(EXPANSION POT BEARINGS)

TEMPERATURE AT TIME OF SETTING	0° C	16° C	32° C	*
PB3	-7	0	7	-7
PB4	-16	0	16	-7

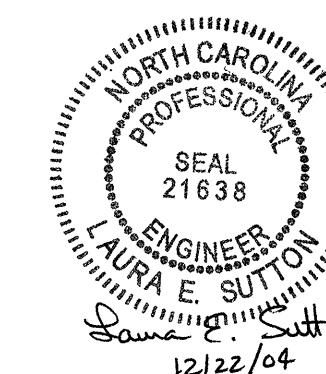
*CORRECTION FOR END ROTATION DUE TO WEIGHT OF SLAB AND COMPOSITE DEAD LOAD.

TEMPERATURE SETTING DETAIL

TABLE FOR LOADS AND MOVEMENTS						
BEARING	LOCATION	VERTICAL LOAD (kN)			LATERAL LOAD (kN)	TOTAL MOVEMENT (mm)
		DEAD	LIVE	TOTAL		
PB3 (EXP.)	END BENT 1	520	298	818	104	25
PB4 (EXP.)	END BENT 2	520	298	818	104	54

ASSEMBLED BY : B.N.BARODAWALA DATE : 8-26-04
 CHECKED BY : MIKE ALLEN DATE : 11-04
 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

21-DEC-2004 07:31
 W:\Squad\1-r0977a\str4\barodawala\R0977A.sd.BG.04.dgn
 lsutton



PROJECT NO. R-0977A
 CHEROKEE COUNTY
 STATION: 41+19.524-LREV-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD
 POT BEARING
 DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-141
1			3			TOTAL SHEETS
2			4			230

STR. #4

PB1SM.STD