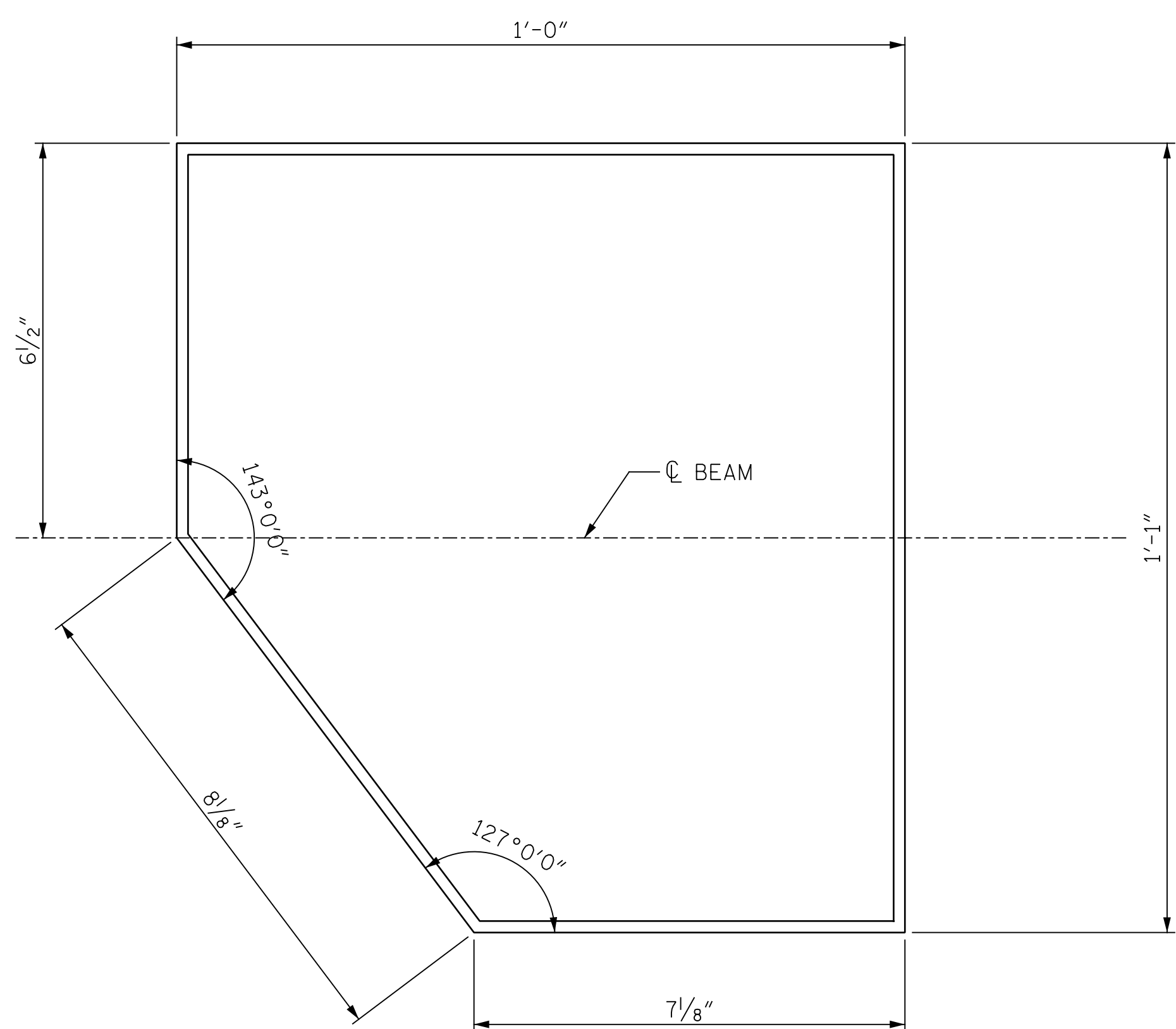


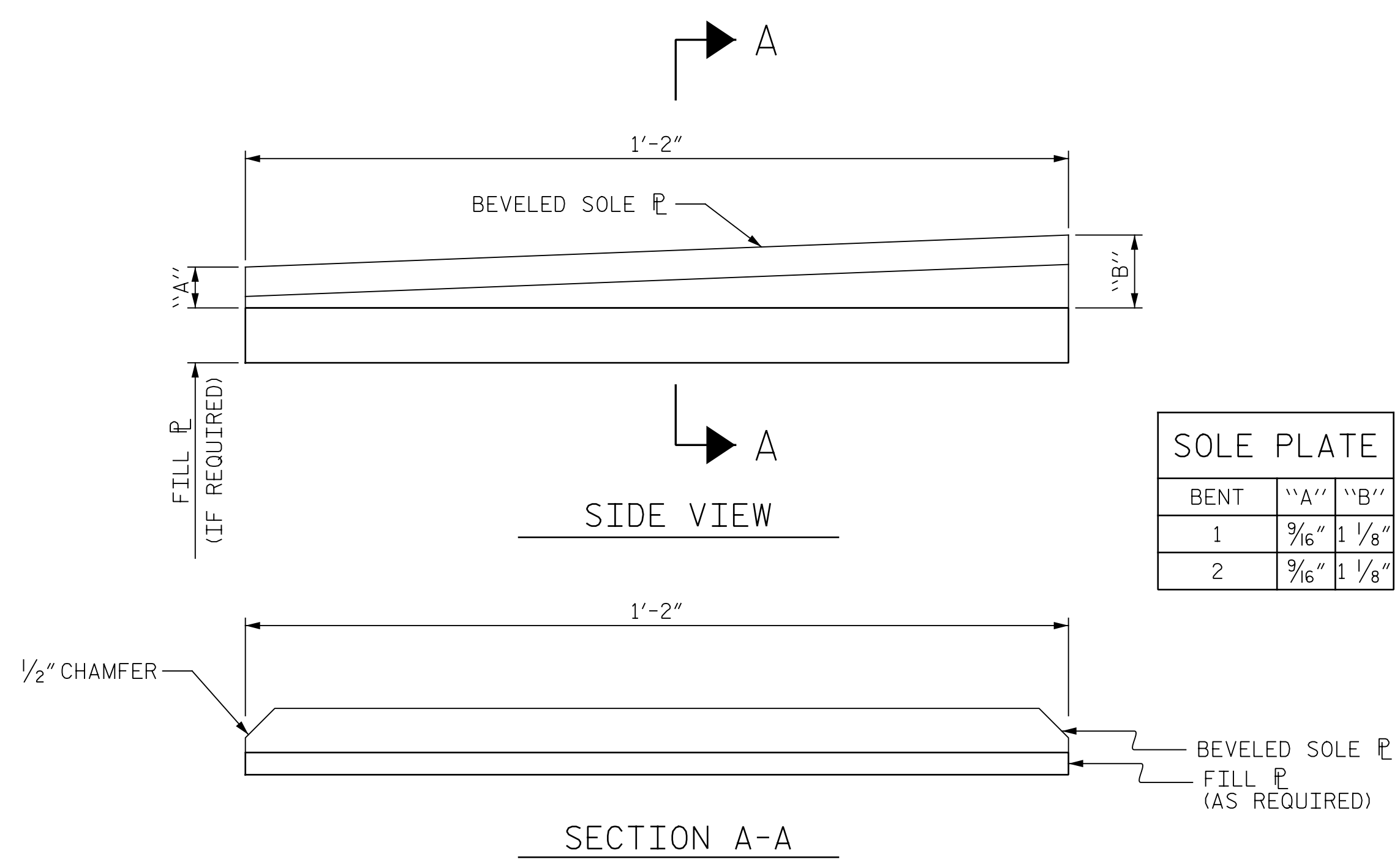
TYPICAL SECTION OF ELASTOMERIC BEARINGS



PLAN VIEW OF ELASTOMERIC BEARING

(8 REQUIRED)

ELASTOMERIC BEARING DETAILS
MODIFIED TYPE I-C



SOLE PLATE		
BENT	"A"	"B"
1	9/16"	1 1/8"
2	9/16"	1 1/8"

NOTES:

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.

REMOVE GALVANIZING OR ANY OTHER COATING AT THE LOCATION OF FIELD WELDS AND PREPARE THE WELD AREAS AS PER ARTICLE 440-7 OF THE STANDARD SPECIFICATIONS.

ELASTOMER OF ALL BEARINGS SHALL BE 60 DUROMETER HARDNESS.

THE ELASTOMER IN THE STEEL REINFORCED BEARINGS SHALL HAVE A SHEAR MODULUS OF 0.160 KSI IN ACCORDANCE WITH AASHTO M251.

SOLE PLATES SHALL BE AASHTO M270 GRADE 50 STRUCTURAL STEEL AND SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1076 OF STANDARD SPECIFICATIONS.

ALL SURFACES OF BEARING PLATES SHALL BE SMOOTH AND STRAIGHT.

FOR FIELD MEASURING, SEE SPECIAL PROVISIONS.

FOR STEEL REINFORCED ELASTOMERIC BEARINGS, SEE SPECIAL PROVISIONS.

FOR MODIFIED ELASTOMERIC BEARINGS, SEE SPECIAL PROVISIONS.

LOAD RATING	
	MAX. DL+LL
TYPE I-C	78 KIPS

PROJECT NO. I-5889A
BUNCOMBE COUNTY
BRIDGE NO. 377



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

ELASTOMERIC BEARING DETAILS
BEAMS 1 & 6

DRAWN BY : M.A.LEE DATE : 10/2017
CHECKED BY : R.NELSON DATE : 10/2017

PLANS PREPARED BY:
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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-177
1			3			TOTAL SHEETS
2			4			208