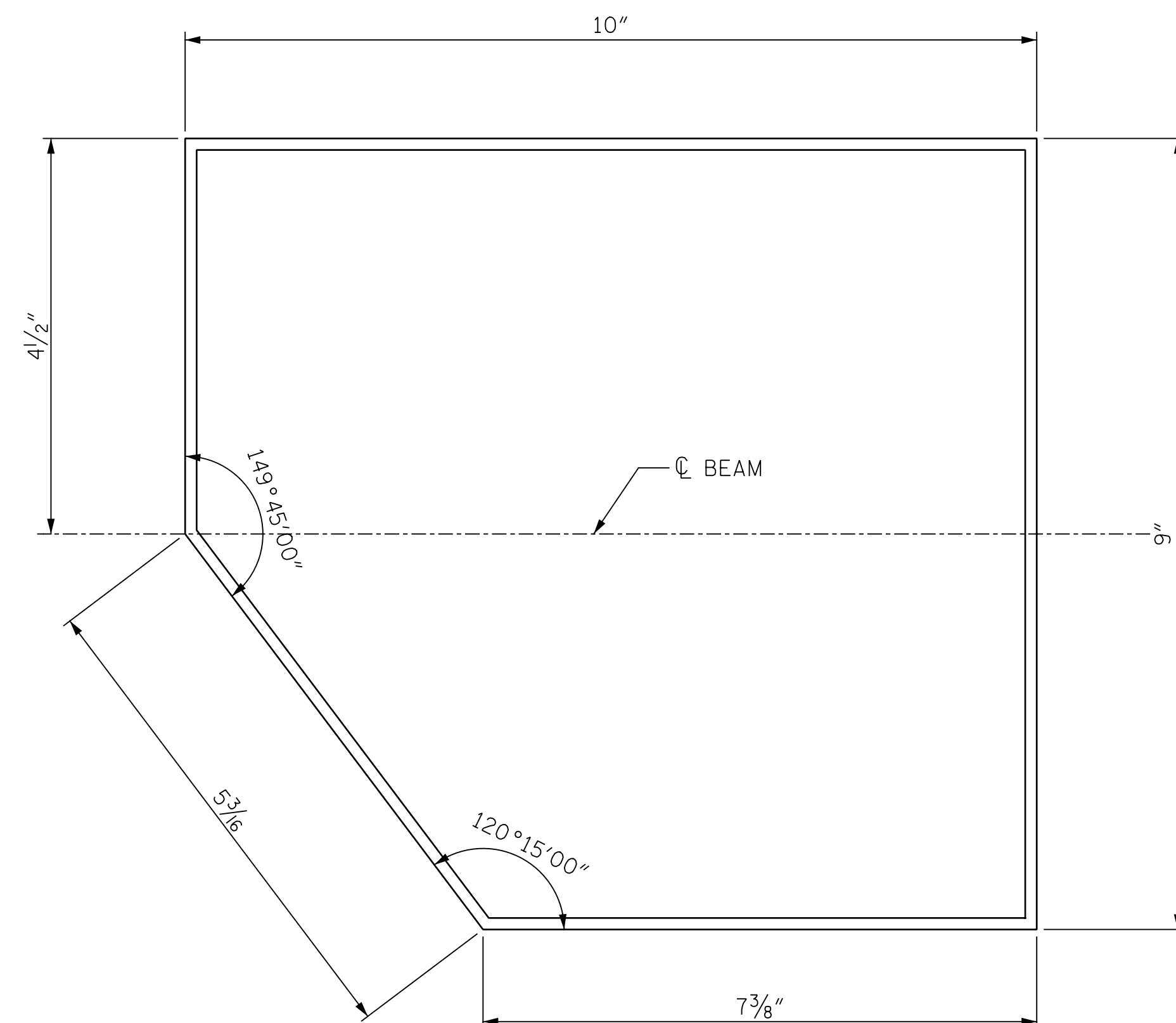


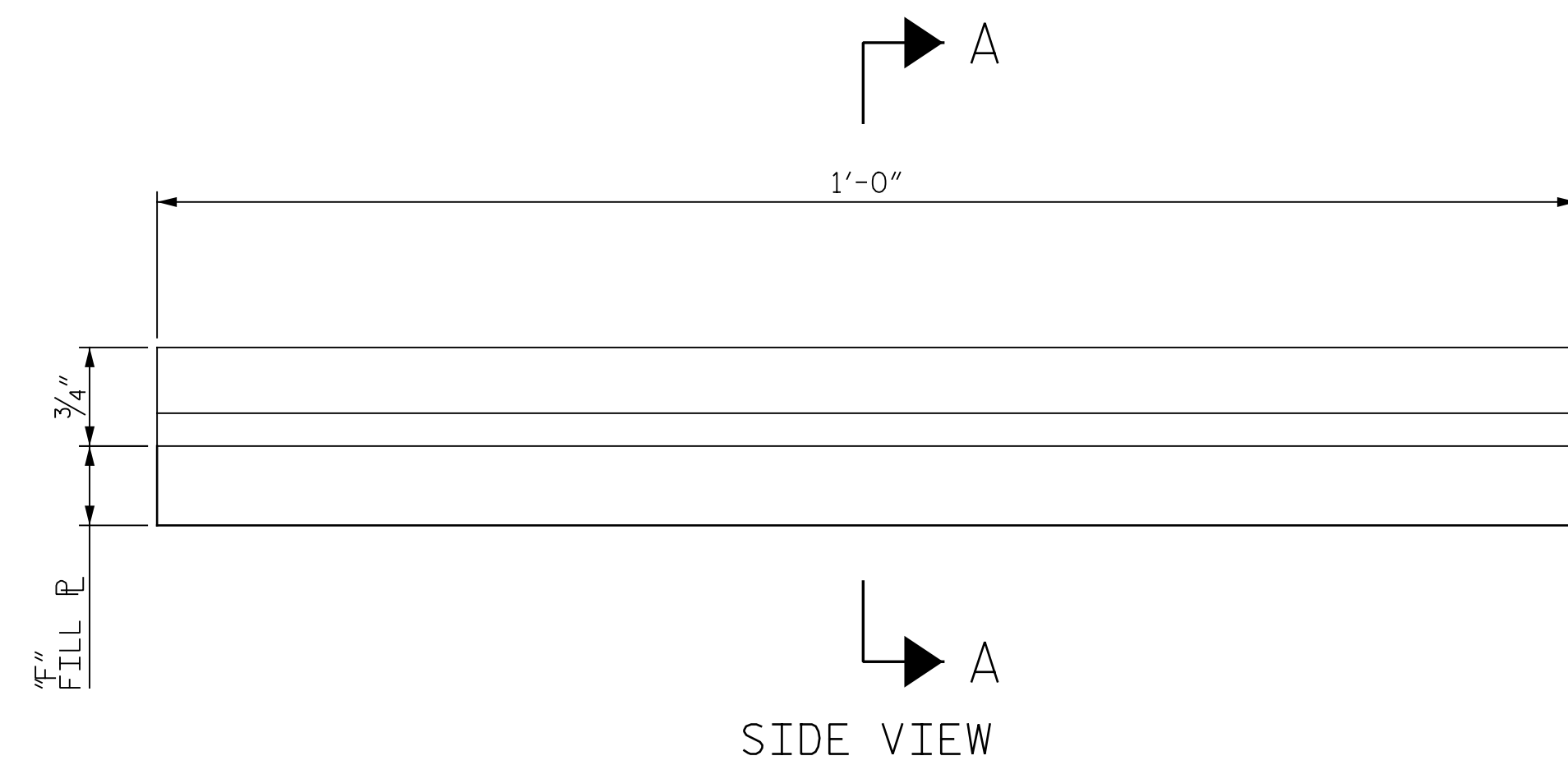
TYPICAL SECTION OF ELASTOMERIC BEARINGS



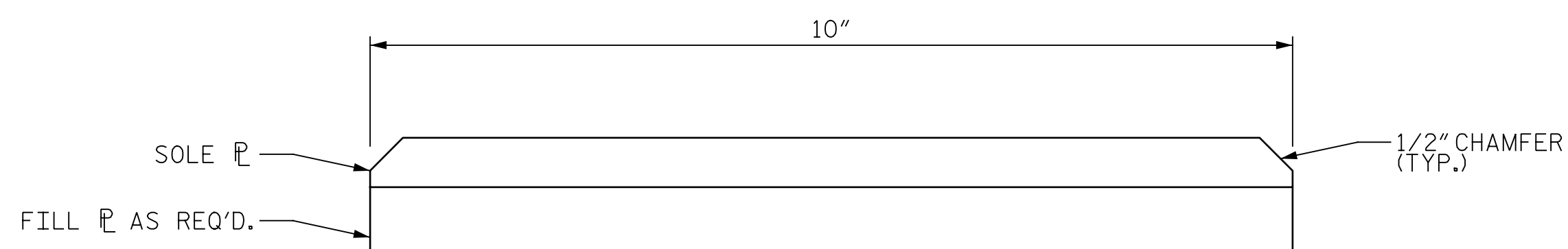
PLAN VIEW OF ELASTOMERIC BEARING

ELASTOMERIC BEARING DETAILS

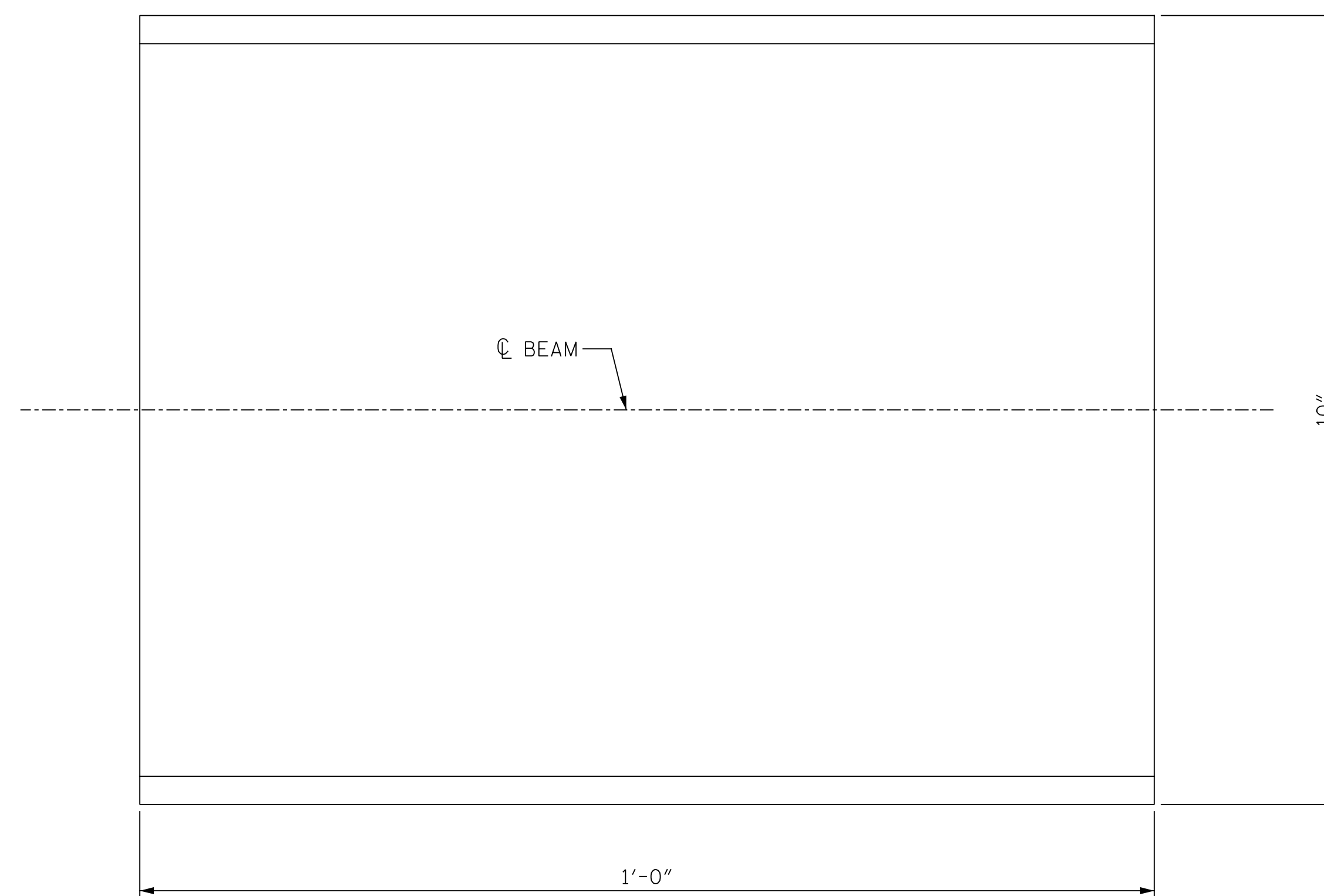
(MODIFIED TYPE I-A)



SIDE VIEW



SECTION A-A



PLAN VIEW

SOLE PLATE DETAILS

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-A	70 KIPS

PROJECT NO. I-5889A
BUNCOMBE COUNTY
 BRIDGE NO. 366



DocuSigned by:
 Eric B. Nelson
 11/16/2017

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BEARING REPAIR
 DETAILS

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO.
 S-117
 TOTAL SHEETS
 208

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

PLANS PREPARED BY:
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 (919) 420-7660
 NC Lic. No. F-0270

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED