

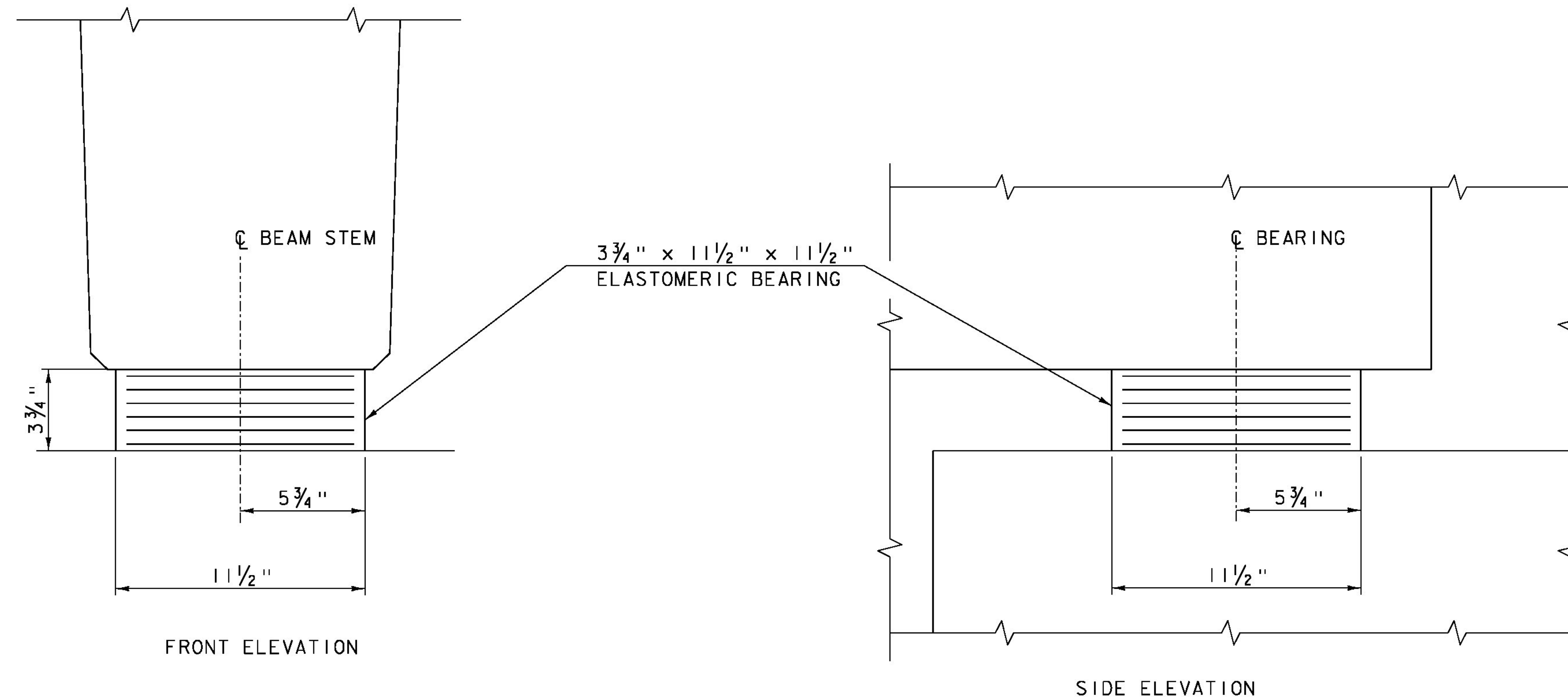
**ELASTOMERIC BEARING DETAIL**

SCALE: 3" = 1'-0"

- 2 - 1/4" EXTERIOR LAYERS OF ELASTOMER
- 5 - 1/2" INTERIOR LAYERS OF ELASTOMER
- 6 - 1/8" STEEL REINFORCING PLATES

**BEARING NOTES**

1. BEARINGS SHALL CONFORM TO THE APPLICABLE SUBSECTIONS OF SECTIONS 531 AND 731 AND WILL BE PAID FOR UNDER CONTRACT ITEM 531.17.
2. ALL REINFORCEMENT BETWEEN LAYERS OF ELASTOMER SHALL BE STEEL MEETING THE REQUIREMENTS OF SUBSECTION 714.02. ALL INTERNAL STEEL PLATES SHALL BE SAND BLASTED AND FREE OF COATINGS, RUST AND MILL SCALE. THE PLATES SHALL BE FREE OF SHARP EDGES AND BURRS.
3. STEEL REINFORCED ELASTOMERIC BEARINGS SHALL HAVE A MINIMUM 1/4" EDGE SEAL OF ELASTOMER INTEGRAL WITH BEARING OVER ALL INTERNAL PLATES.
4. THE ELASTOMER WAS DESIGNED WITH A SHEAR MODULUS RANGE OF 130 PSI - 200 PSI.
5. THE ELASTOMER SHALL MEET THE REQUIREMENTS OF LOW TEMPERATURE ZONE D AND HAVE A HARDNESS OF 60 ON THE SHORE A SCALE.
6. THE CONTRACTOR IS ADVISED TO HAVE A MINIMUM OF 16 - 1/4" x 12 1/2" x 12 1/2" GALVANIZED STEEL SHIMS AVAILABLE FOR ELEVATION ADJUSTMENTS UPON THE SETTING OF THE SUPERSTRUCTURE UNITS. THE SHIMS SHALL BE FABRICATED ACCORDING TO SECTION 531 AND SHALL BE INCLUDED IN THE UNIT BID PRICE FOR CONTRACT ITEM 531.17.
7. DESIGN SERVICE LOADS PER BEARING: (DESIGN METHOD A)  
 MAX DEAD LOAD: 36.5 K  
 MAX LIVE LOAD: 25.9 K



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CLD 12-0121 MODEL: Sup07



PROJECT NAME: BURKE	PLOT DATE: 10/14/2014
PROJECT NUMBER: BRF 0269(13)	DRAWN BY: M. SMITH
FILE NAME: z10c412sup.dgn	CHECKED BY: J. BYATT
PROJECT LEADER: J. BYATT	SHEET 41 OF 73
DESIGNED BY: S. BEAUMONT	
BEARING DETAILS	