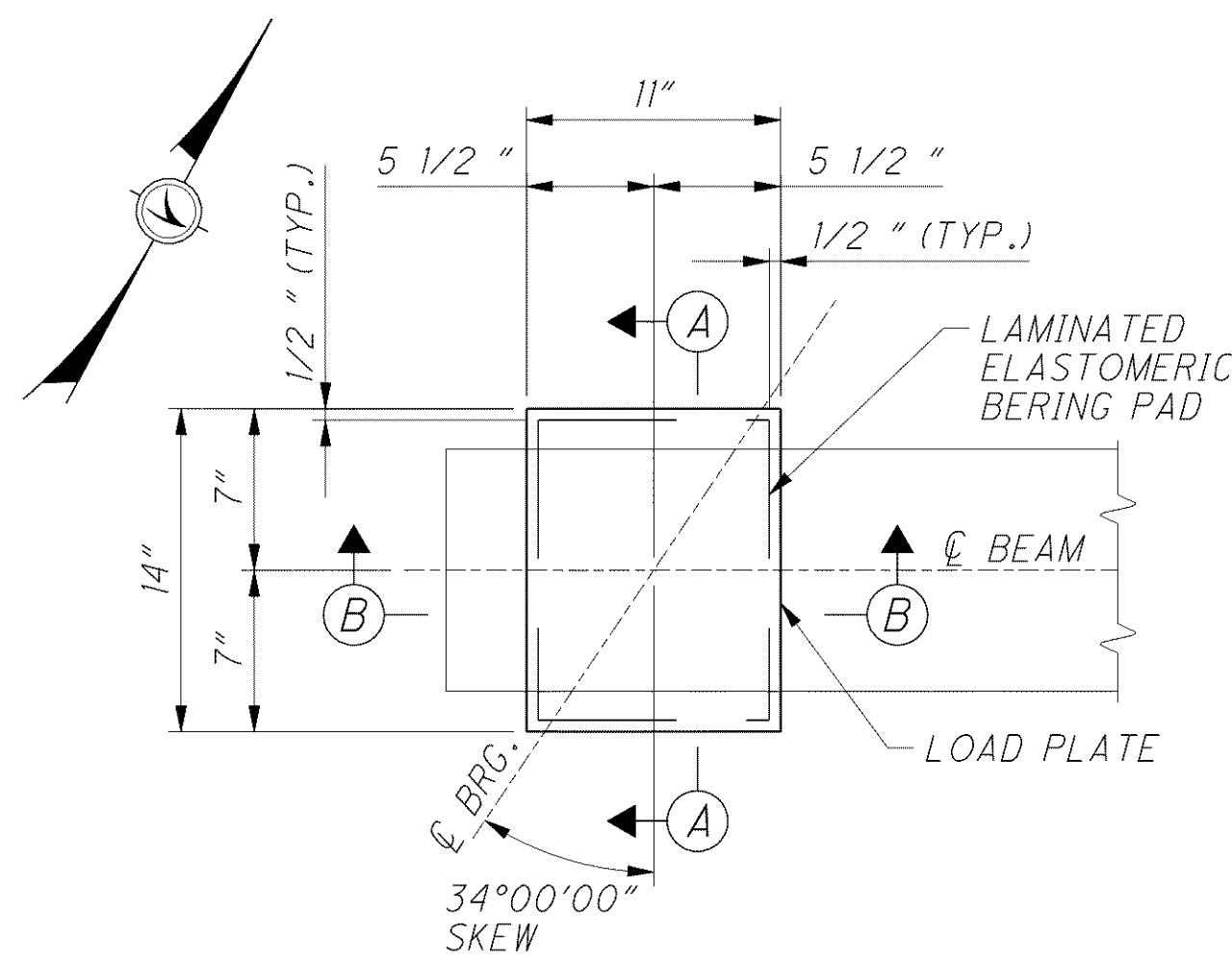
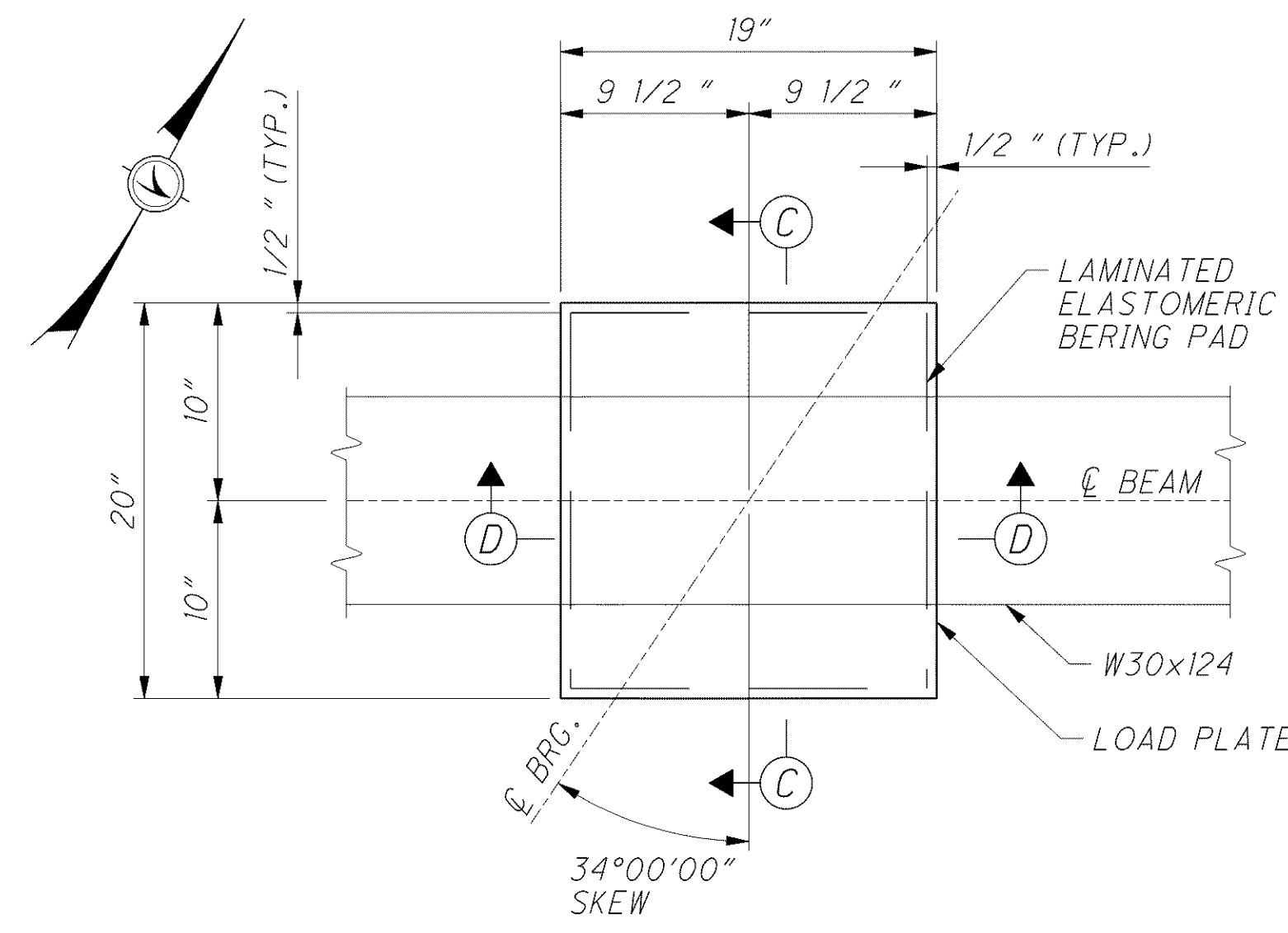


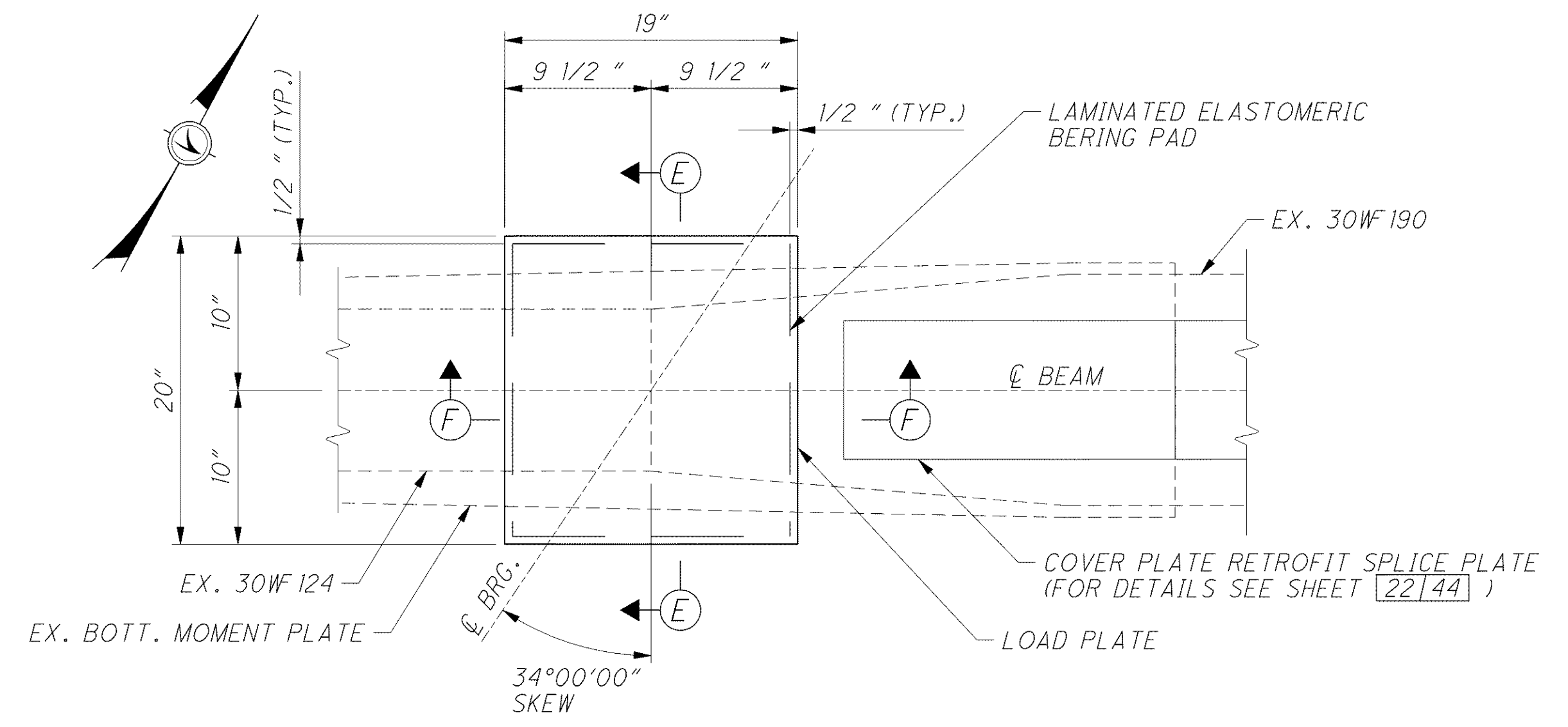
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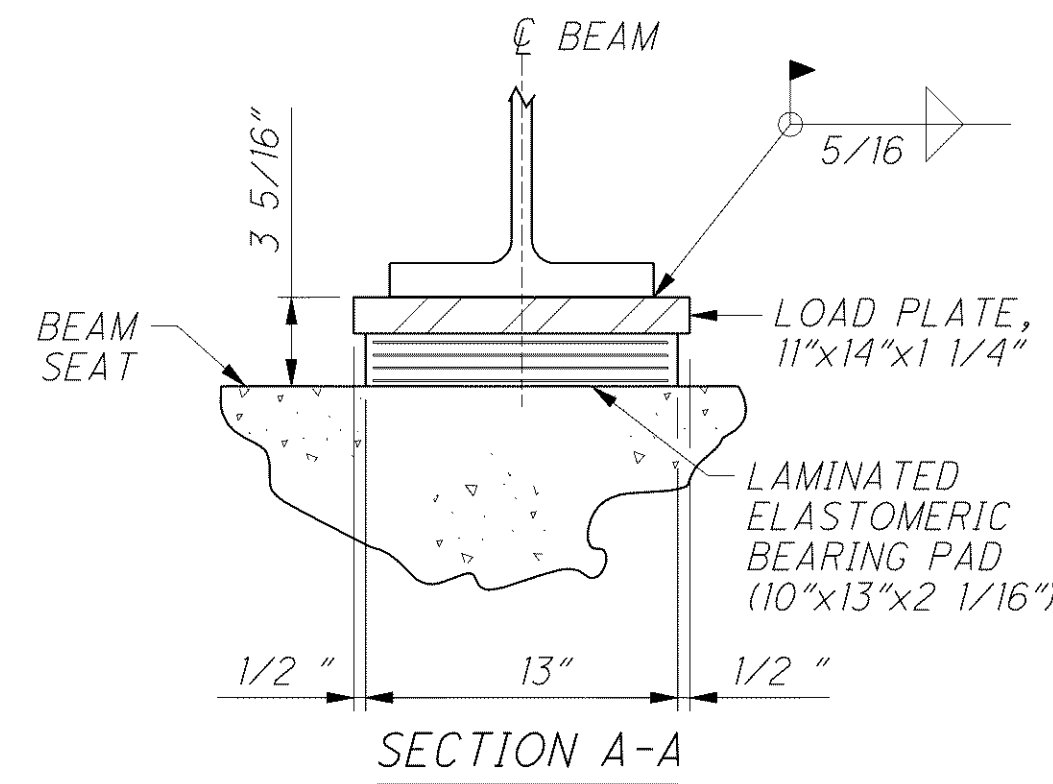
ABUTMENT BEARING PLAN



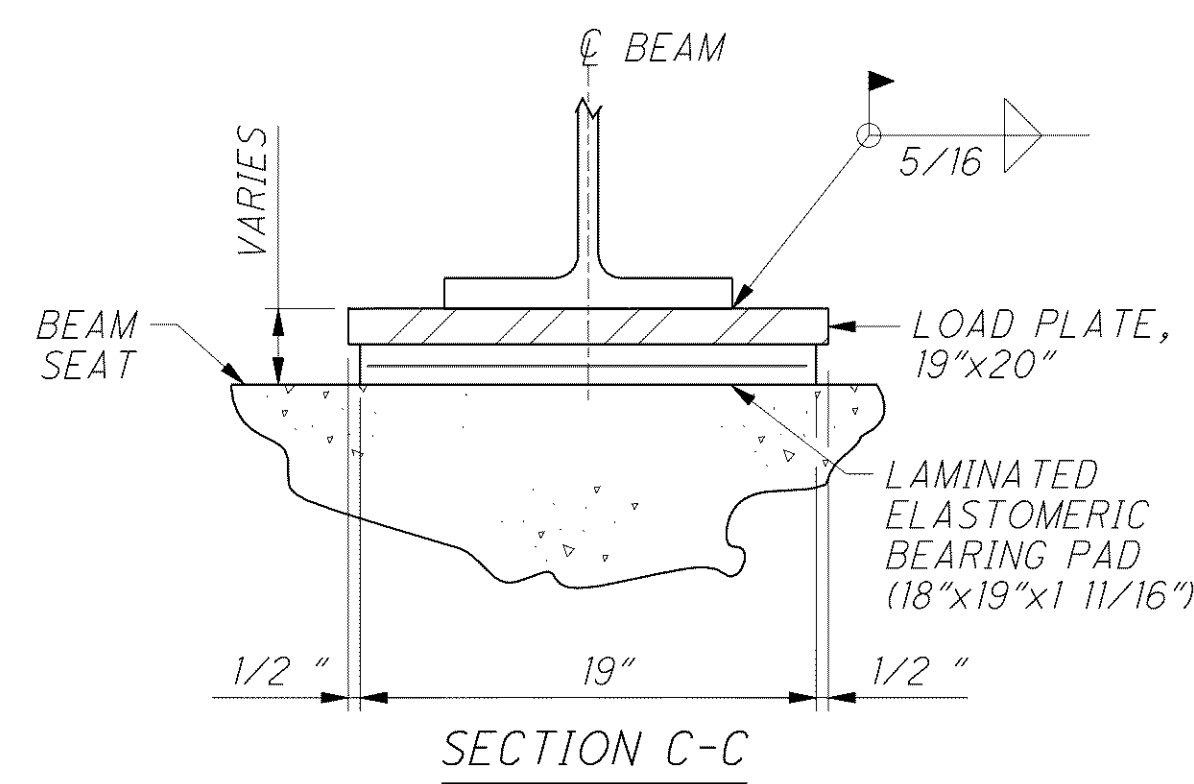
PIER BEARING PLAN (PROPOSED BEAMS)



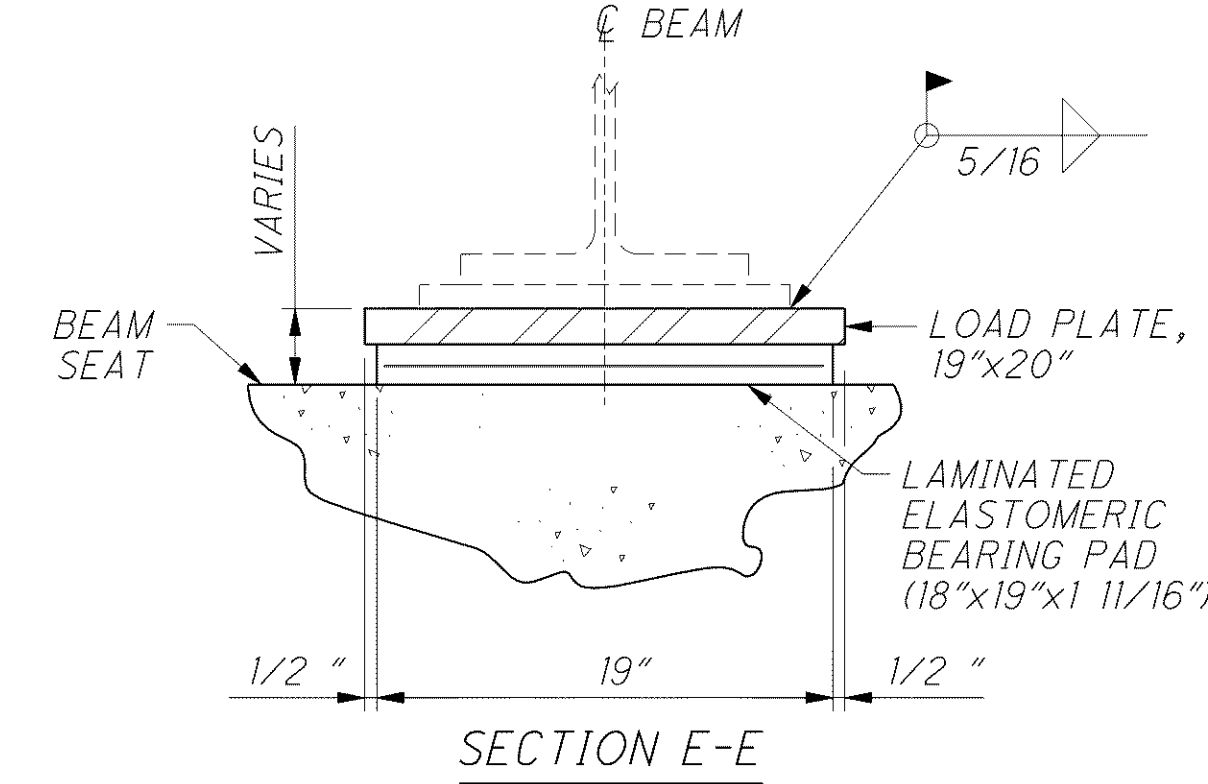
PIER BEARING PLAN (EXISTING BEAMS)



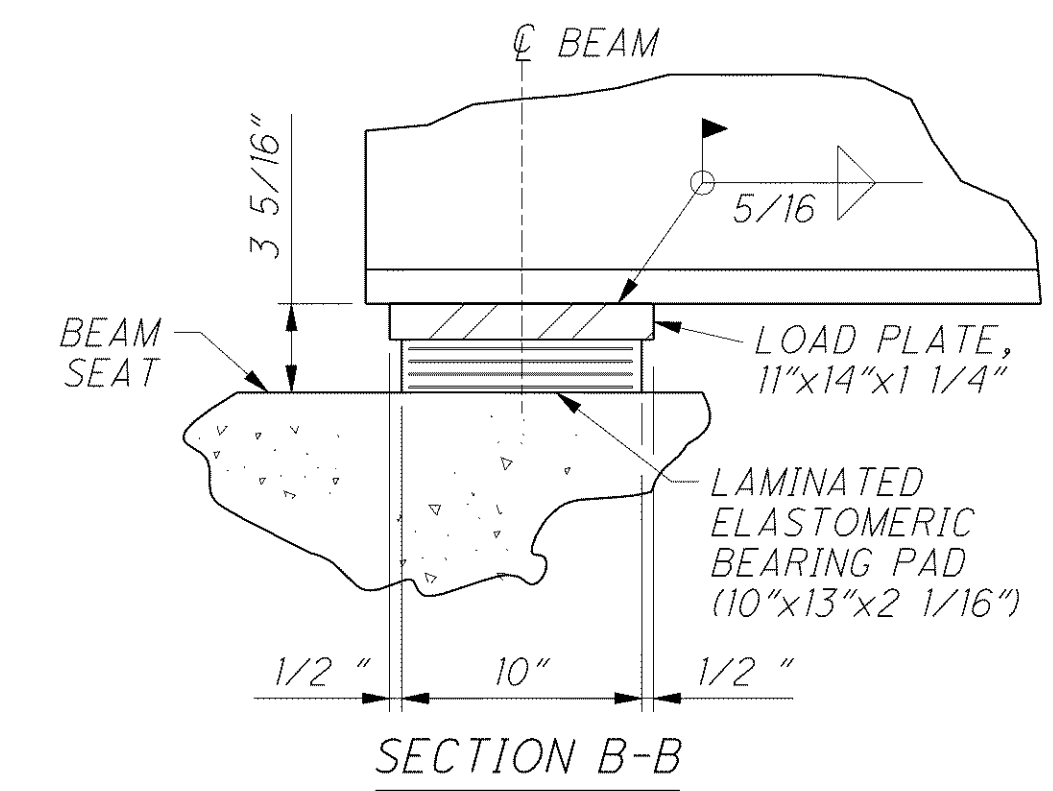
SECTION A-A



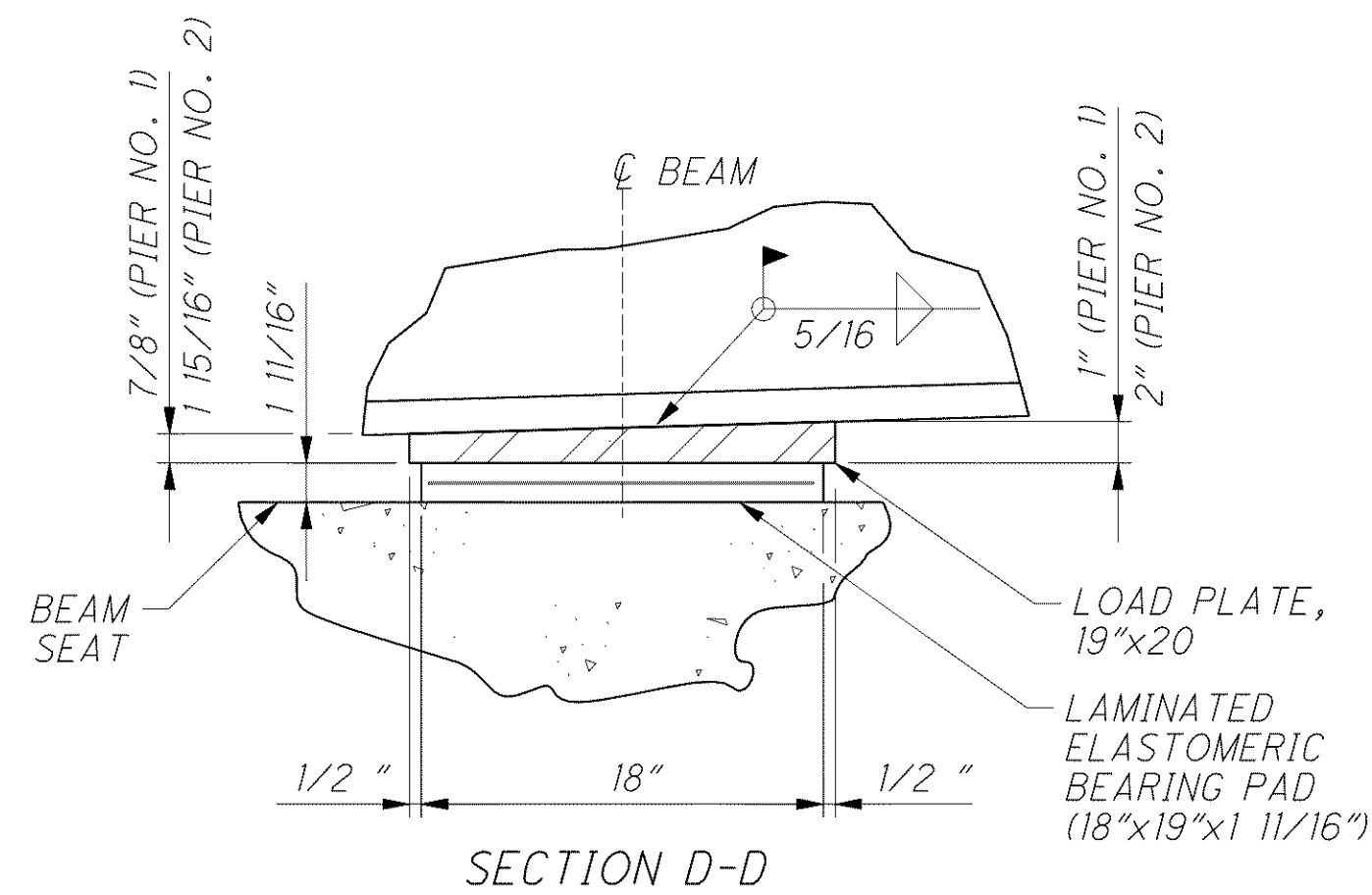
SECTION C-C



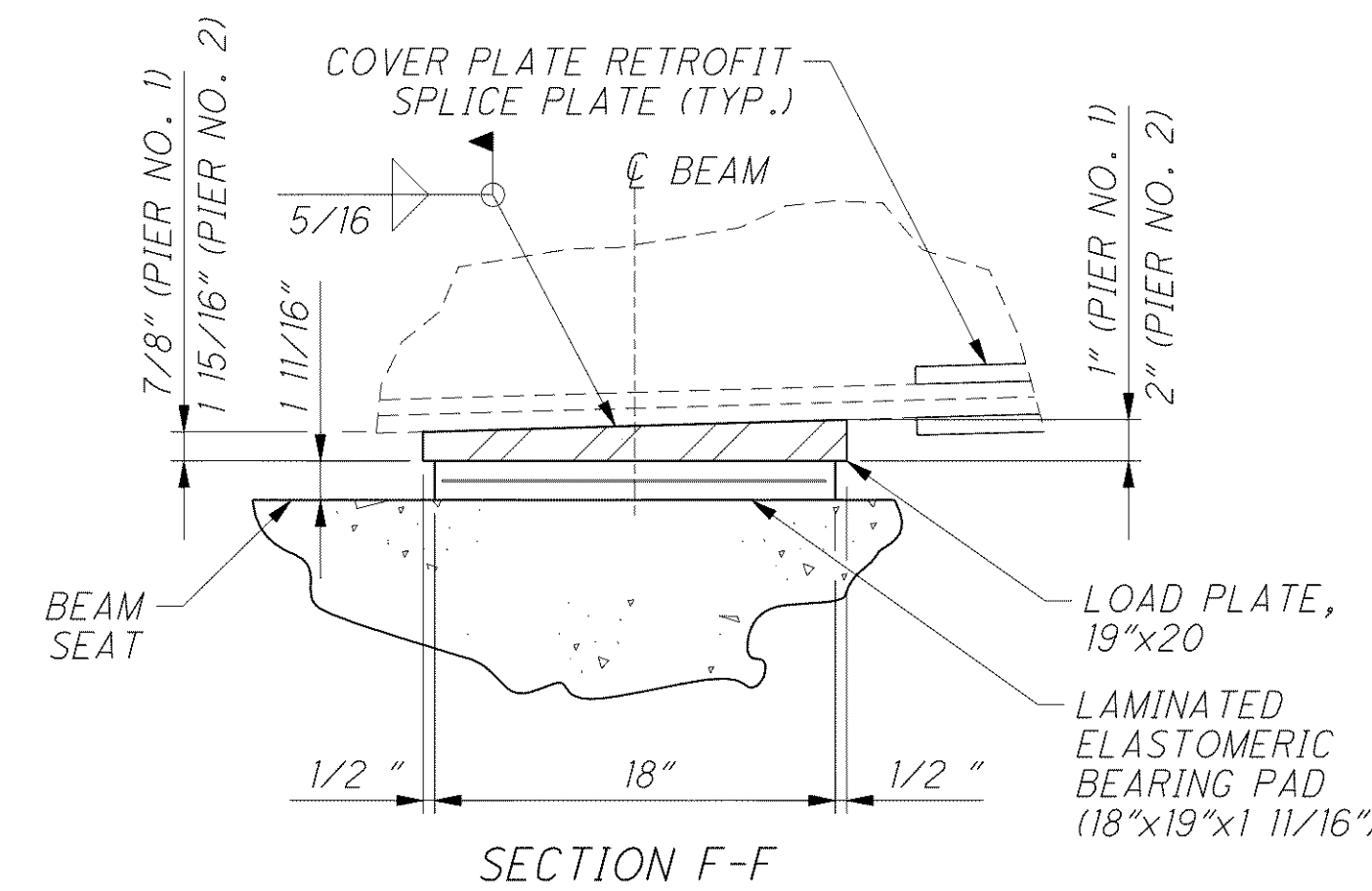
SECTION E-E



SECTION B-B



SECTION D-D



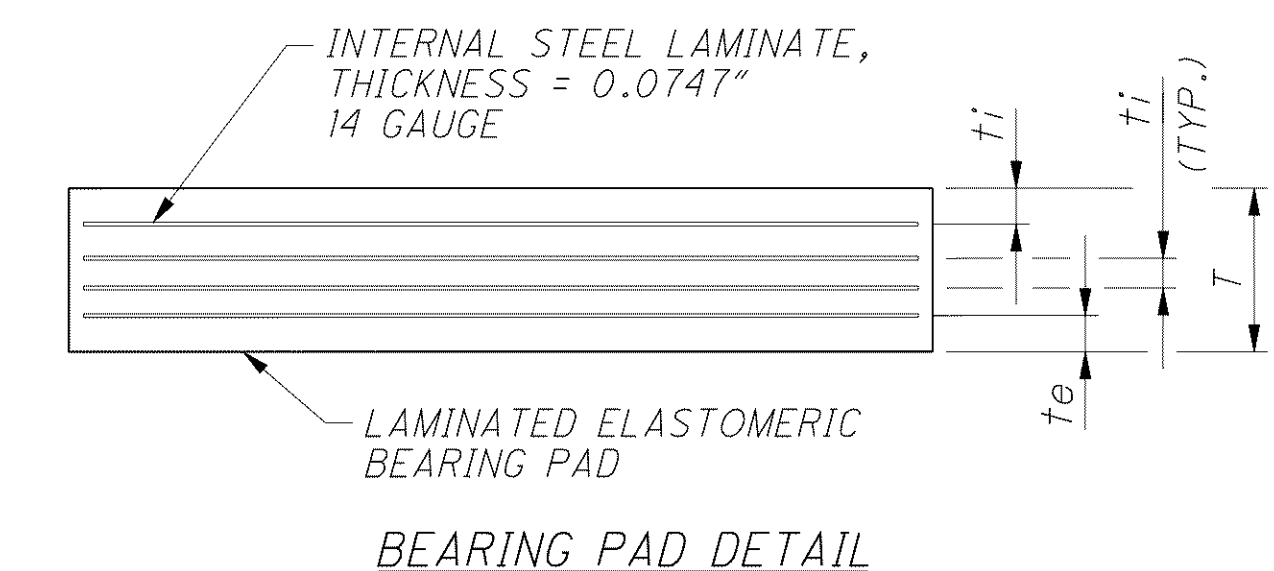
SECTION F-F

NOTES

- LOAD PLATES: THE STEEL LOAD PLATE SHALL BE ASTM 572, GRADE 50. THE STEEL LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. WELDING OF THE LOAD PLATE SHALL BE CONTROLLED SO THAT THE PLATE TEMPERATURE AT THE ELASTOMER BONDED SURFACE DOES NOT EXCEED 300° F AS DETERMINED BY THE USE OF PYROMETRIC STICKS OR OTHER TEMPERATURE MONITORING DEVICES.
- ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED UNDER DIVISION I, SECTION 14.6.6.3 (METHOD A) OF THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES.
- ALL MATERIALS, LABOR AND INCIDENTALS NECESSARY TO FURNISH AND INSTALL LAMINATED ELASTOMERIC BEARINGS, LOAD PLATES SHALL BE INCLUDED IN ITEM 516, ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE, AS PER PLAN FOR PAYMENT.
- FOR BEAM ELEVATION AND ADDITIONAL DETAILS AND NOTES SEE SHEETS 21/44 AND 22/44.

BEARING DATA						
LOCATION	50 DUROMETER					
	SIZE	(THICKNESS) "DIM. T"	t_i	t_e	NUMBER OF t_i	NUMBER OF STEEL LAMINATES
	L	W				
ABUTMENTS	10"	13"	2.06"	0.375"	0.263"	4
PIER	18"	19"	1.67"	0.938"	0.656"	1

BEARING LOAD DATA			
LOCATION	DEAD LOAD (KIPS/PAD)	LIVE LOAD (W/O IMPACT) (KIPS/PAD)	DESIGN LOAD (KIPS/PAD)
ABUTMENTS	47.28	43.71	90.99
PIERS	103.10	56.35	159.45



BEARING PAD DETAIL