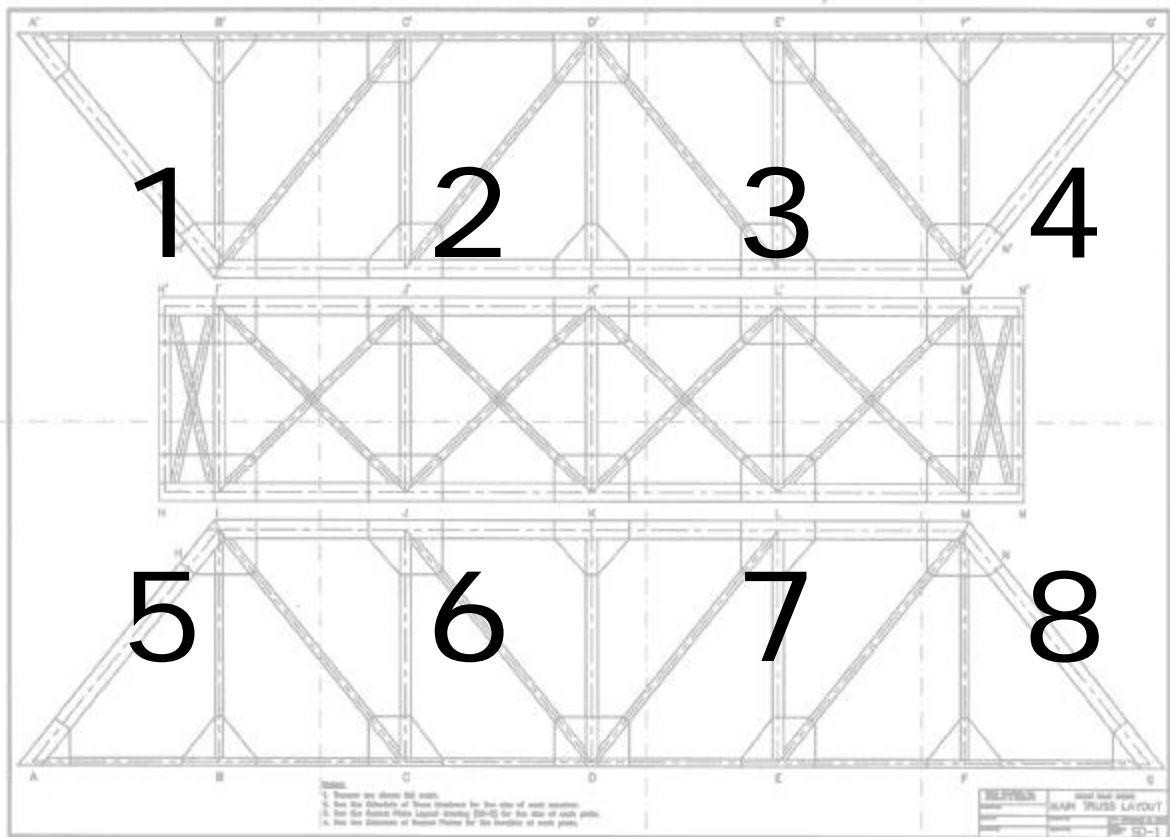
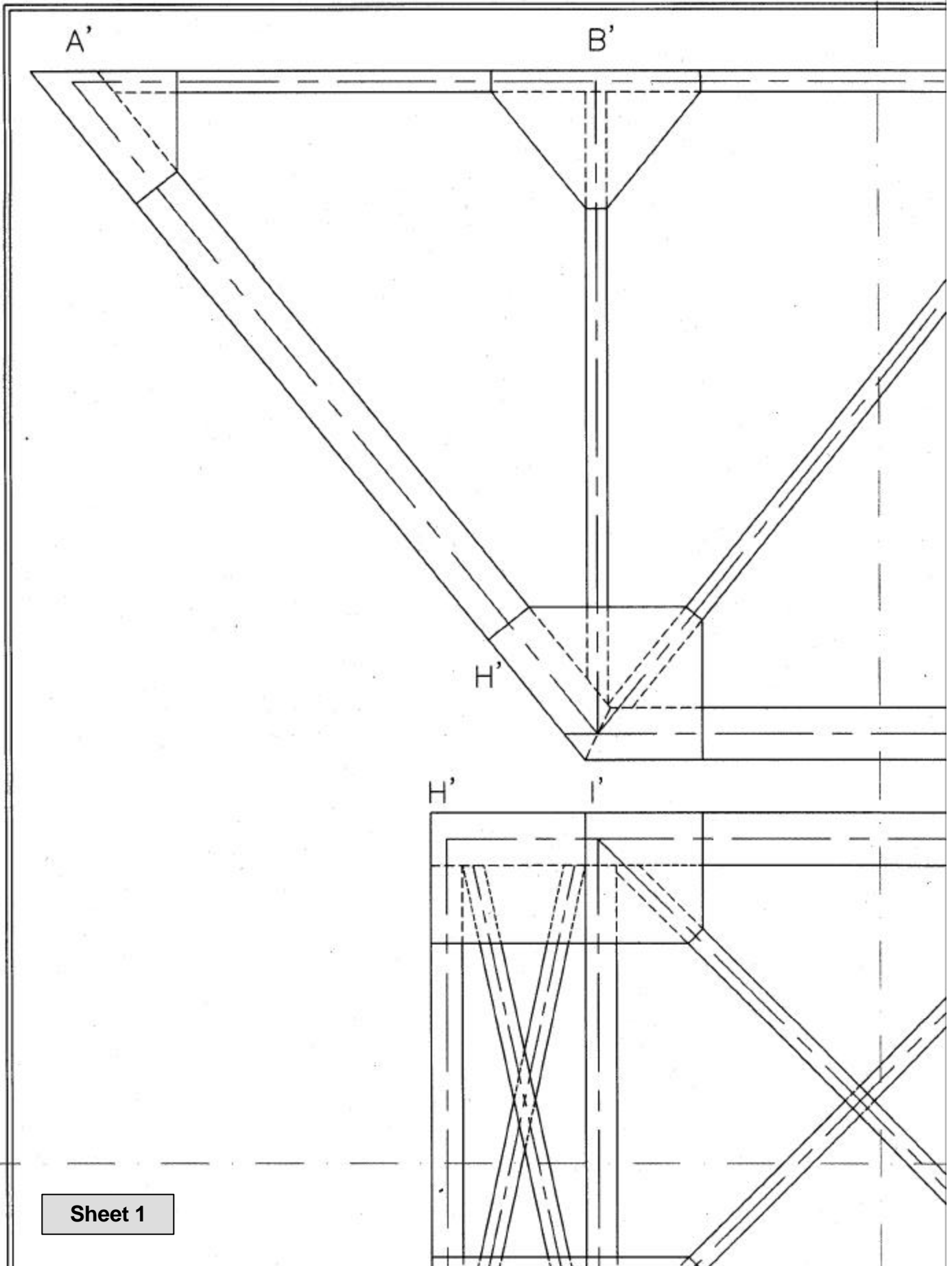


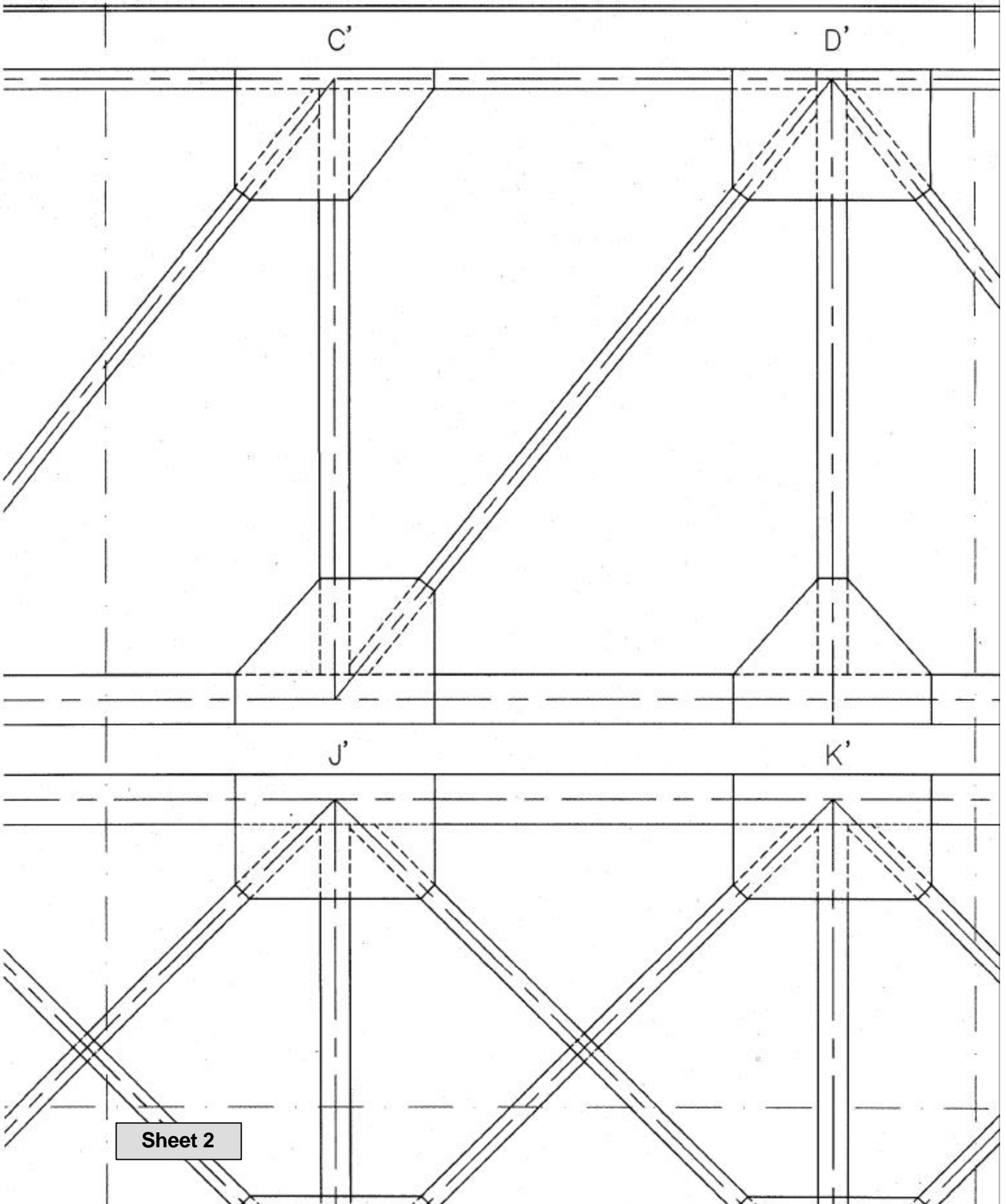
# Full-Scale Layout Drawing for Learning Activity #1

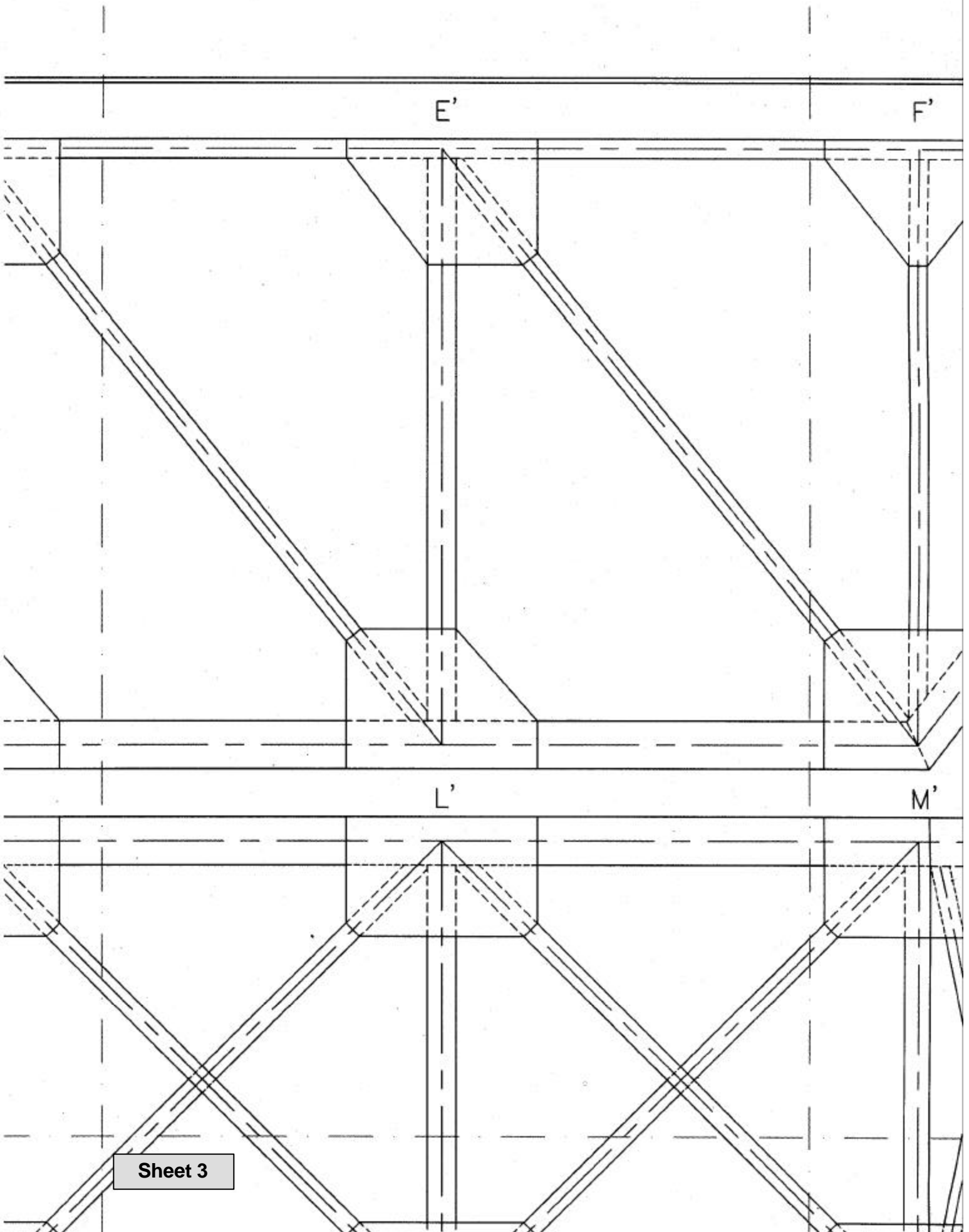
On the following eight pages, you will find the full-scale layout drawing for construction of the Grant Road Bridge in Learning Activity #1. To use the layout drawing, you will need to assemble it, by pasting or taping together these eight pages—labeled Sheet 1 through Sheet 8. Use the diagram below as a guide for the position of each sheet. The large dashed lines on each page are “match lines.” They show precisely where each sheet should line up with the adjacent sheets.

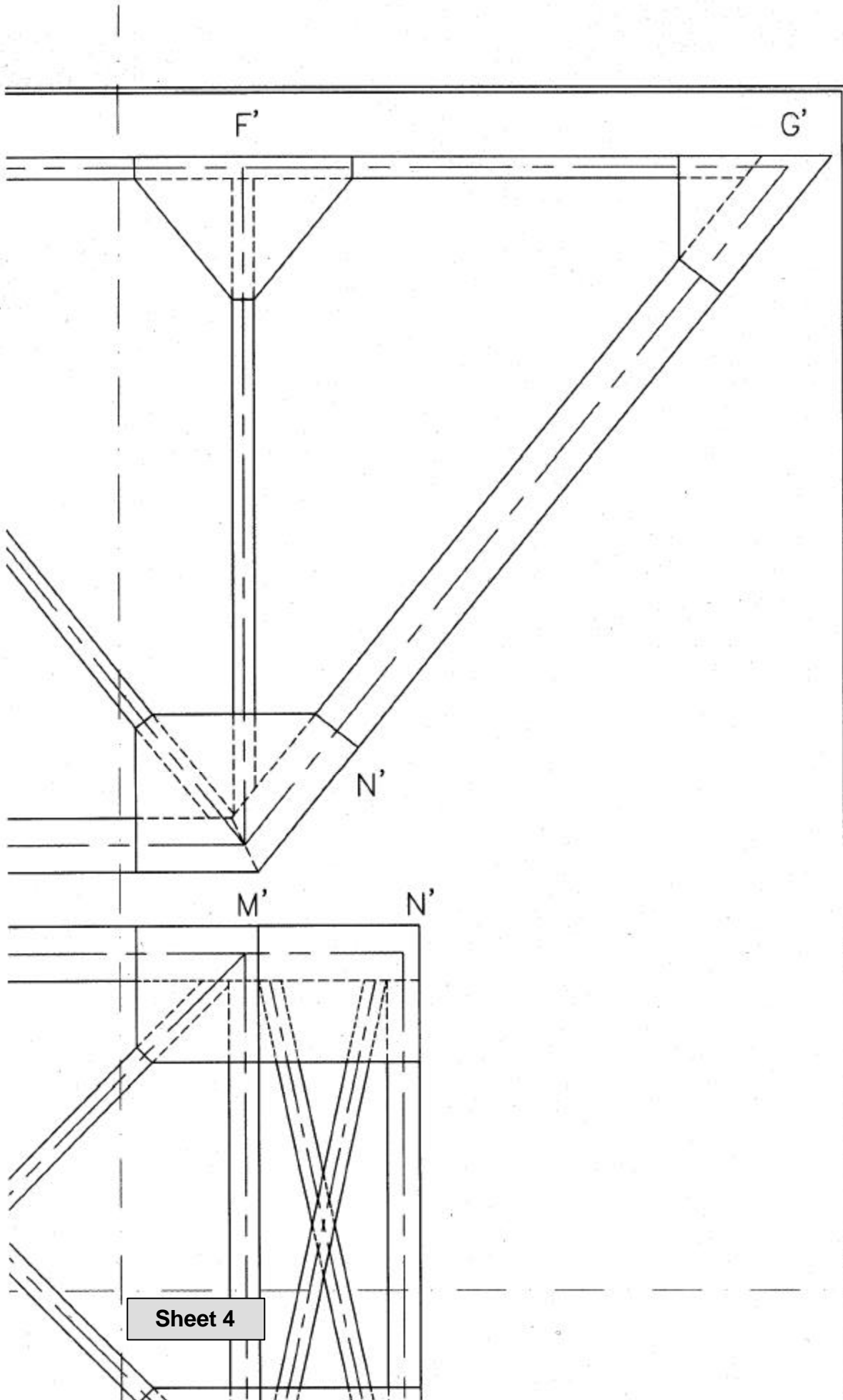
In Learning Activity #1, you will build the Grant Road Bridge directly on top of this layout drawing. Assemble the sheets with care! If they are not precisely aligned, the size and shape of your main trusses will be incorrect, and the bridge may not carry its prescribed load as a result.

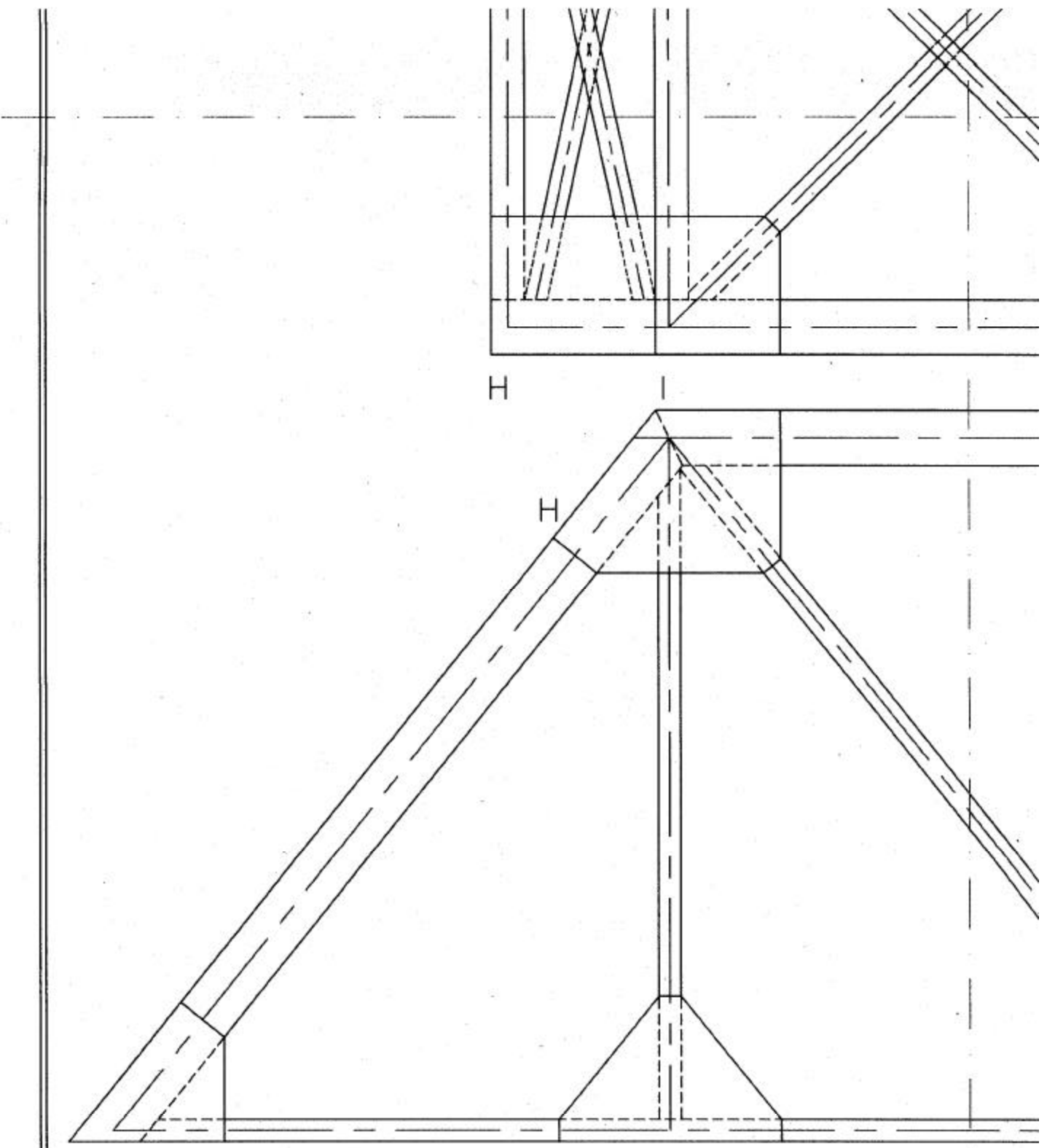












A

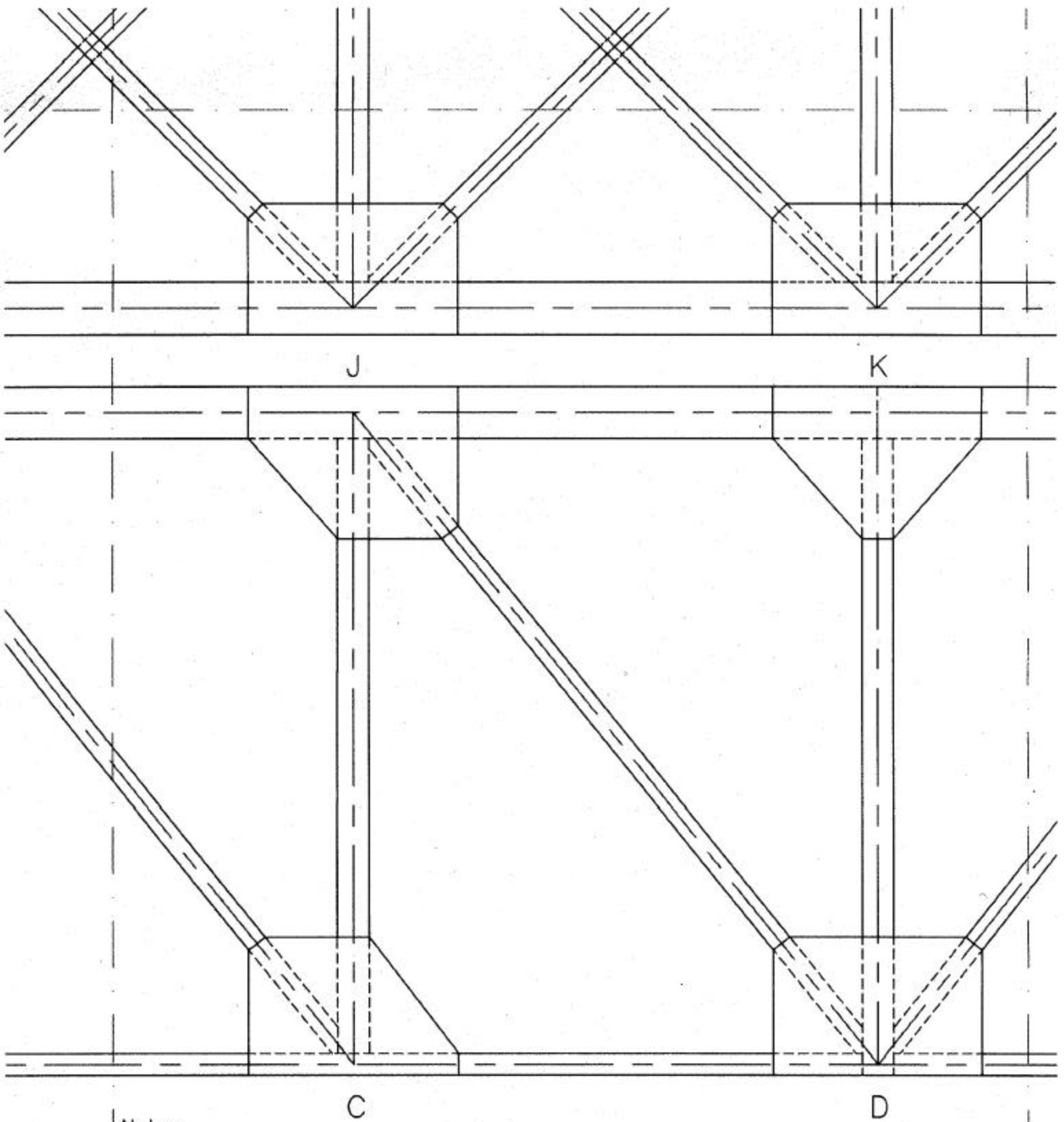
B

H

H

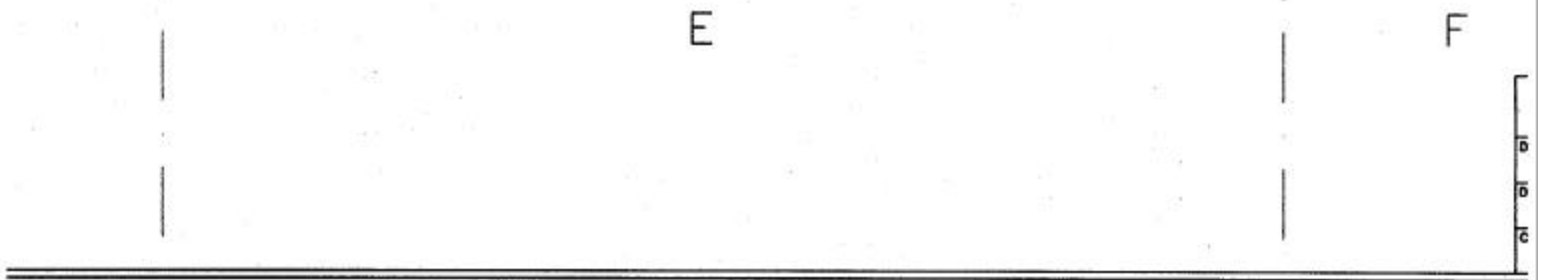
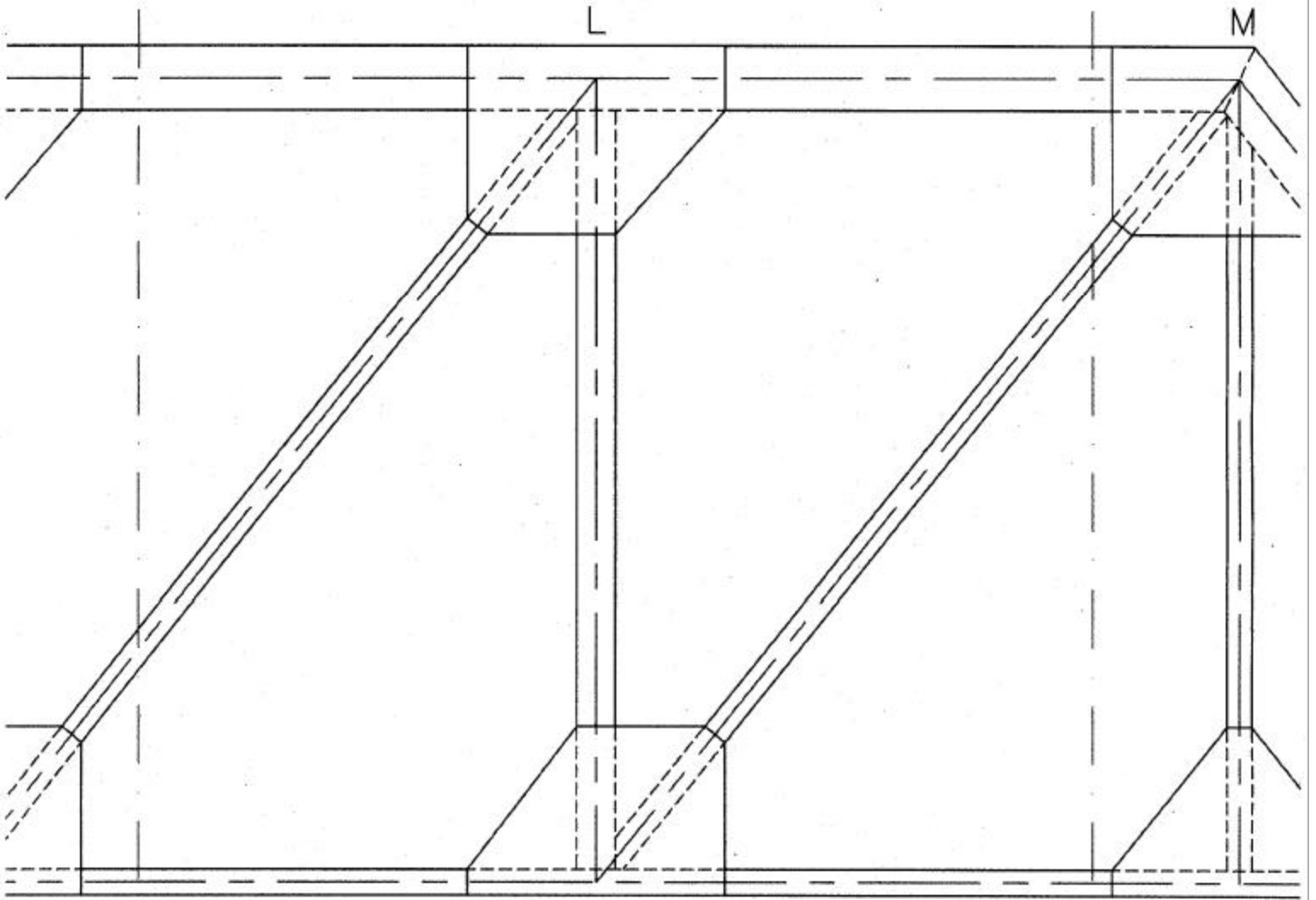
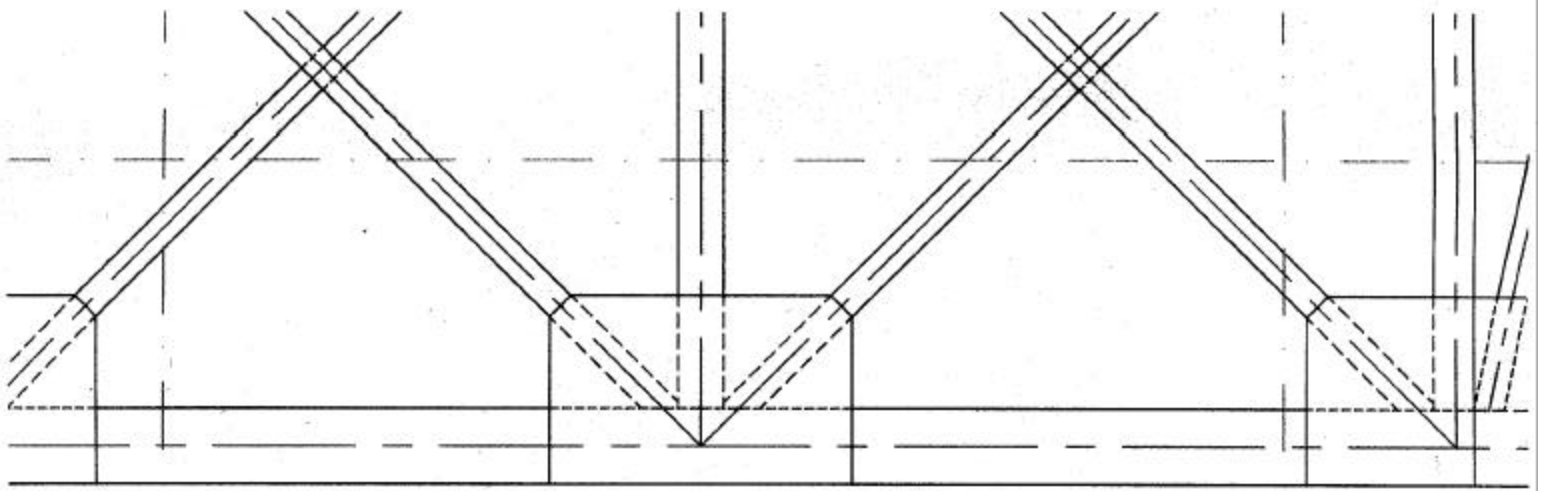
Notes

1. Tru
2. Se
3. Se
4. Se



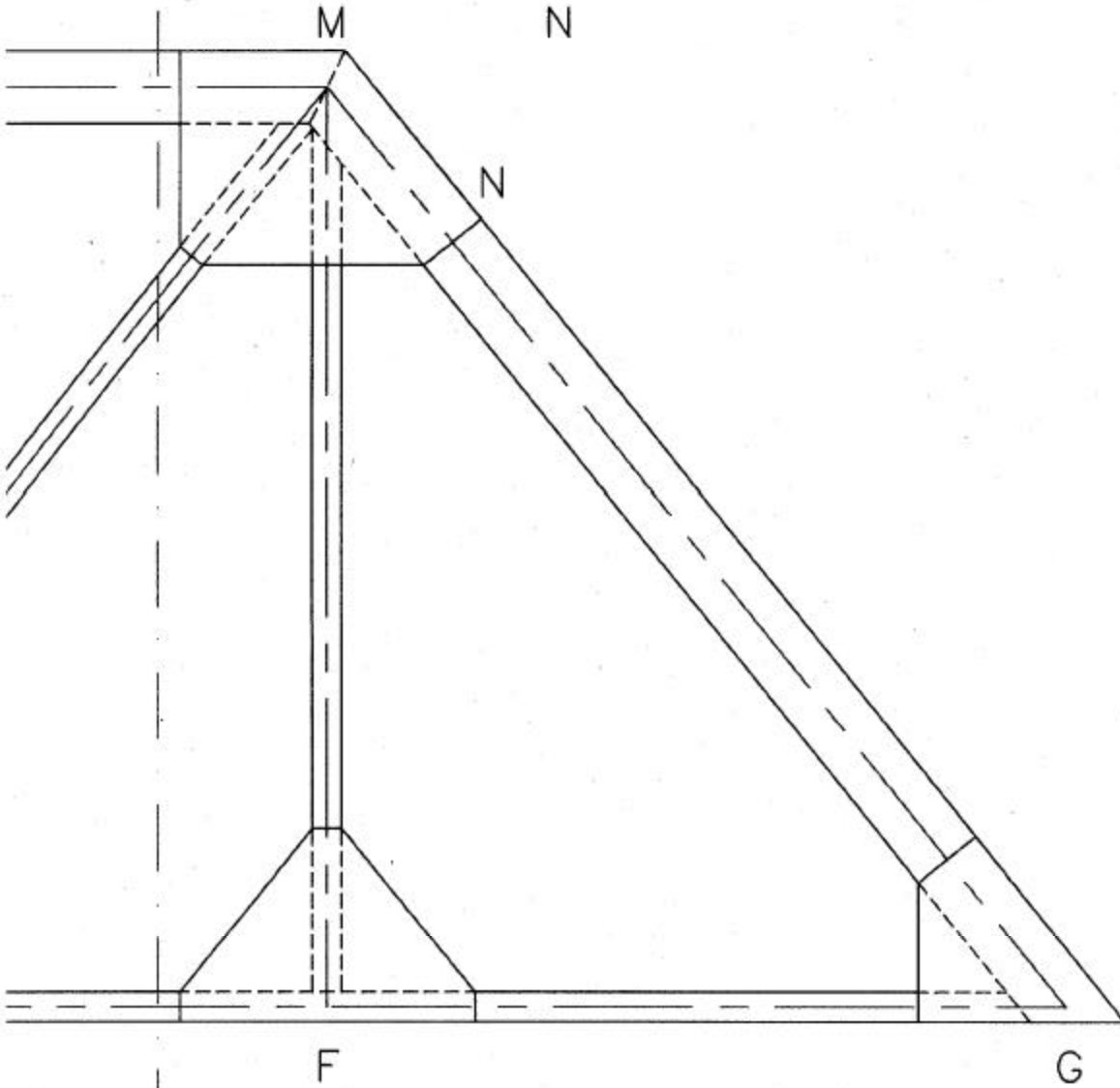
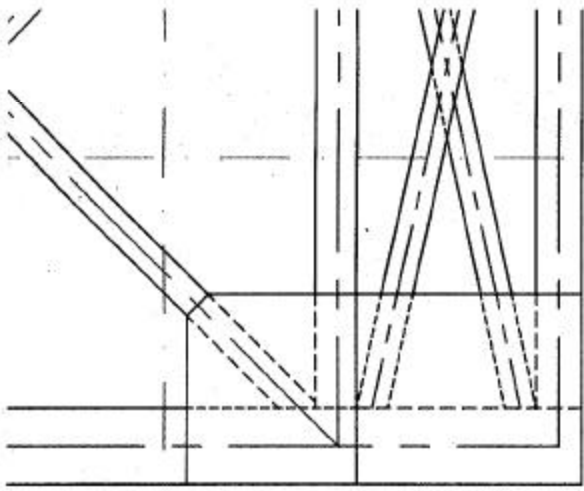
**Notes:**

1. Trusses are shown full scale.
2. See the Schedule of Truss Members for the size of each member.
3. See the Gusset Plate Layout drawing (SD-2) for the size of each plate.
4. See the Schedule of Gusset Plates for the location of each plate.



6  
6  
6





Thayer Associates, Inc. Architects & Engineers		GRANT ROAD BRIDGE	
Designed by:		MAIN TRUSS LAYOUT	
Drawn by:	Reviewed by:	Date: NOVEMBER 10, 2000	
Checked by:	Approved by:	Sheet Reference Number	SD-1