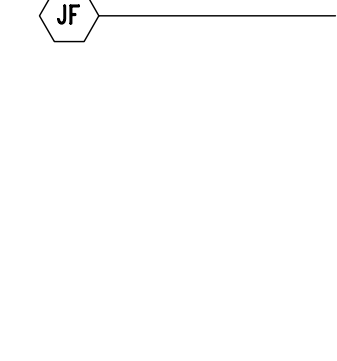
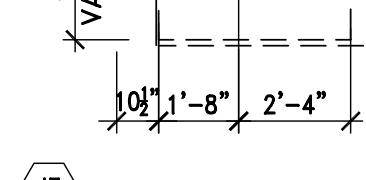
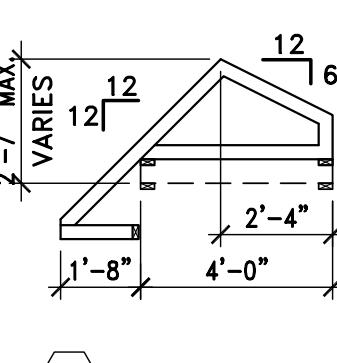
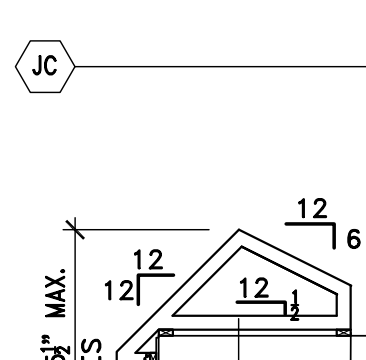
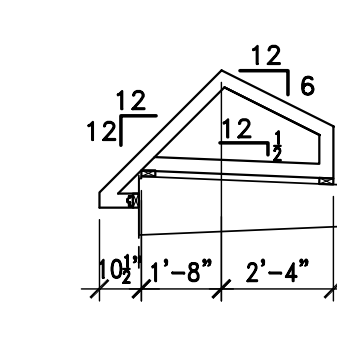
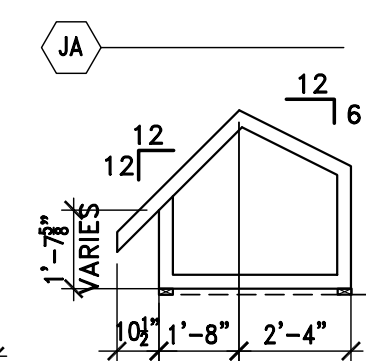
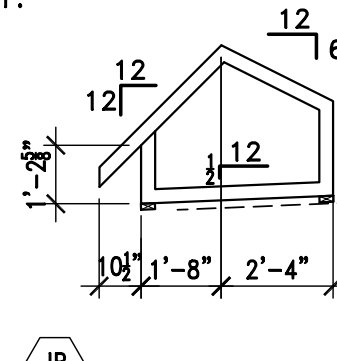
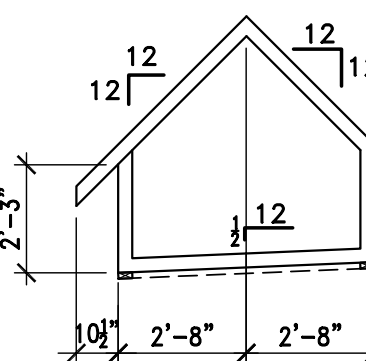
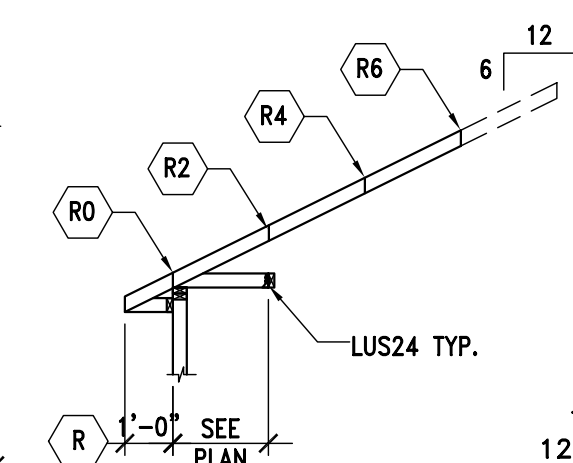
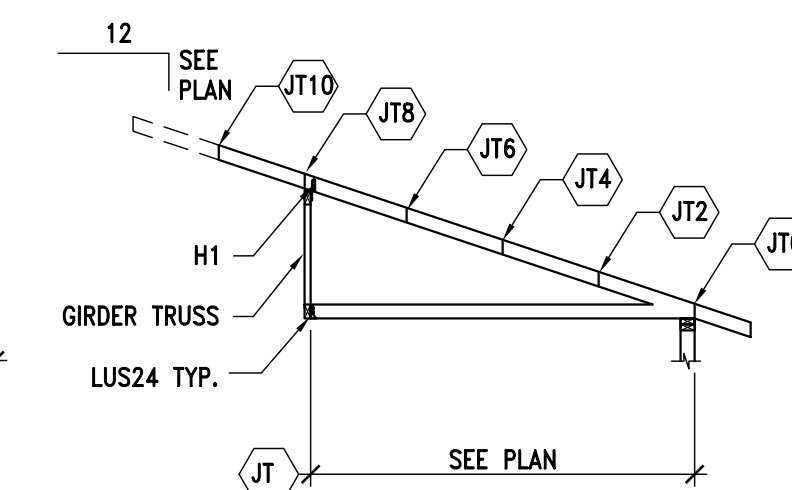
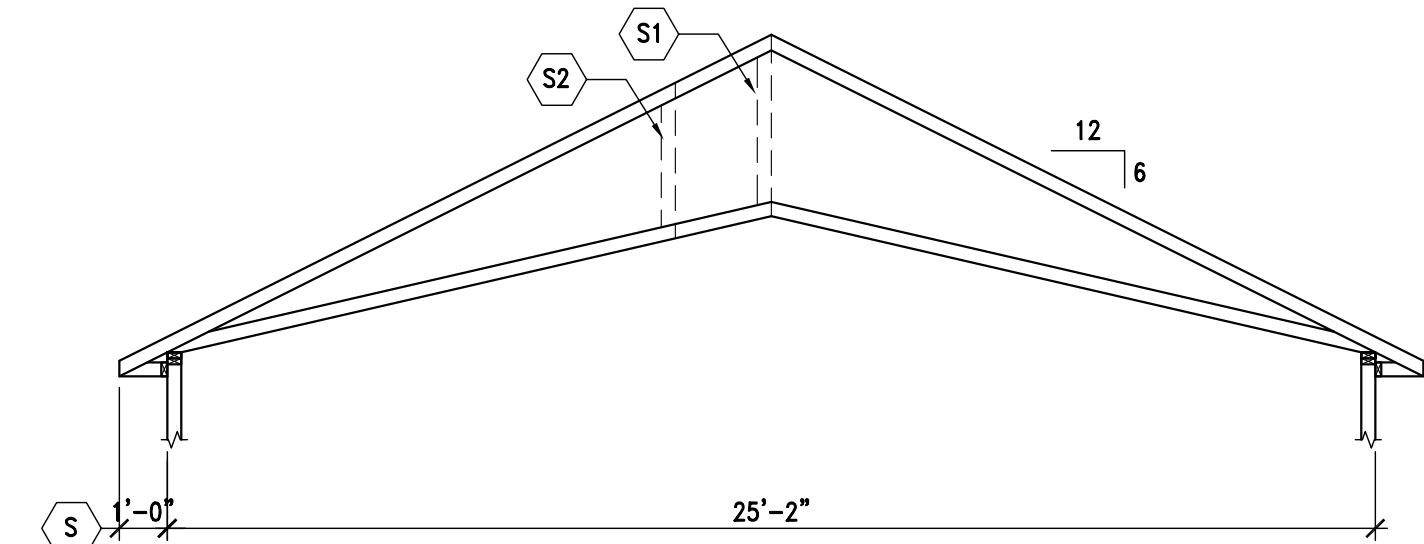
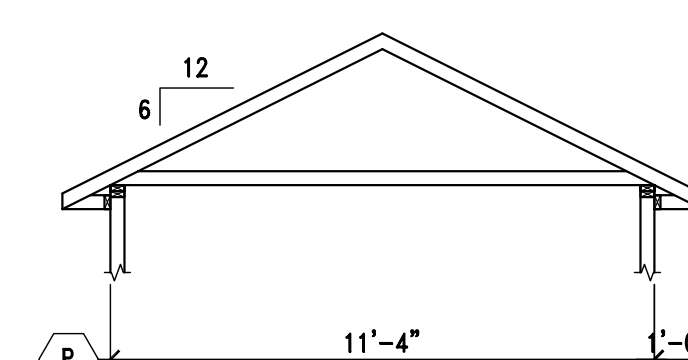
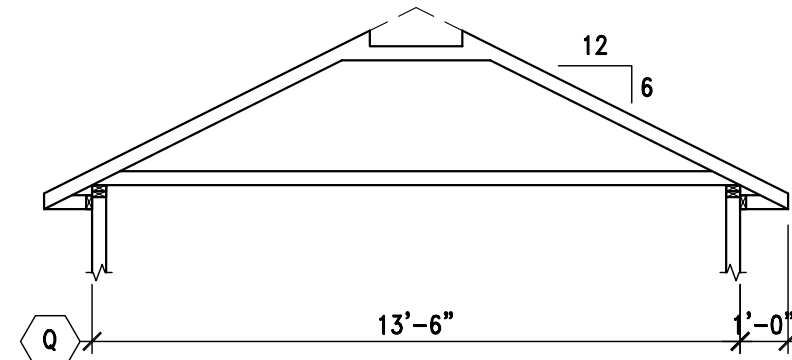
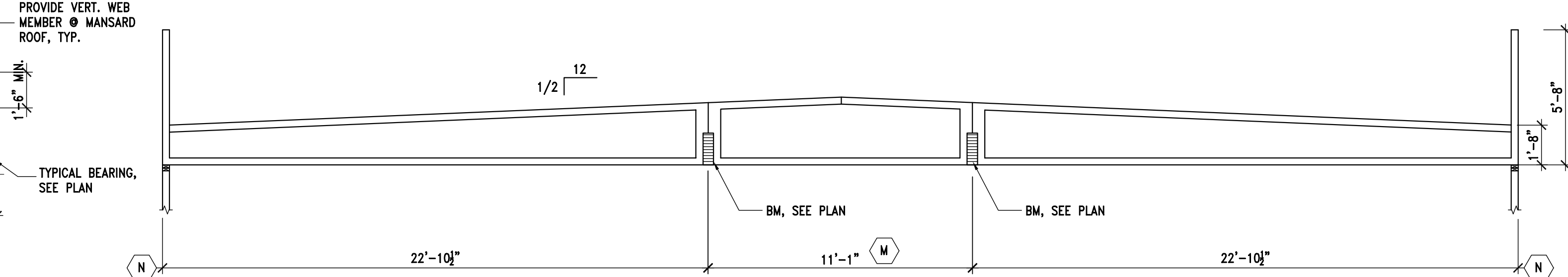
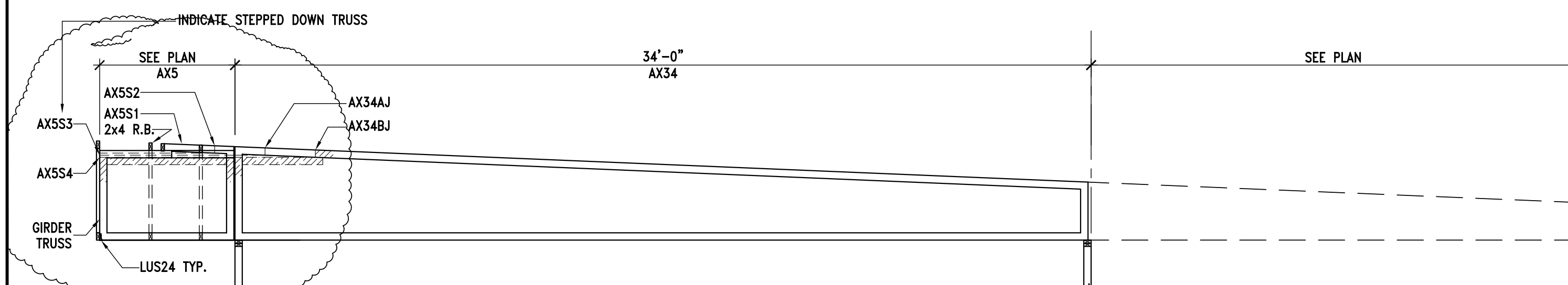
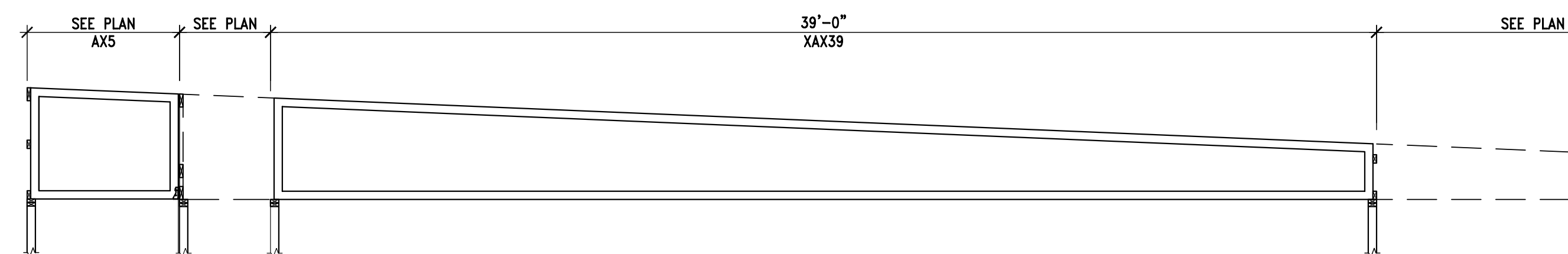
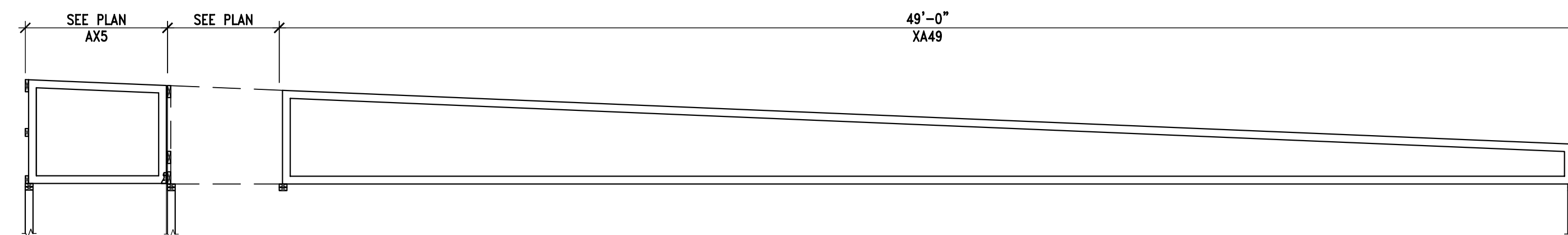
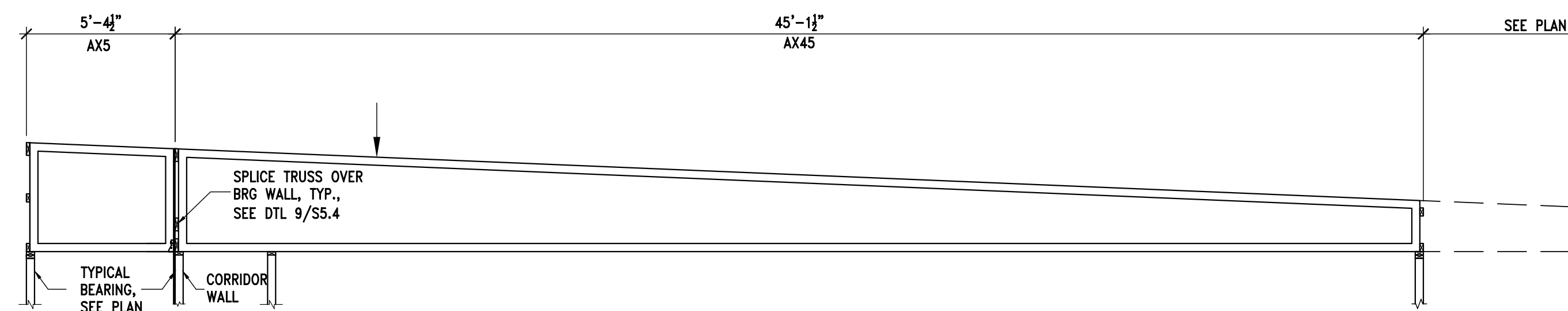
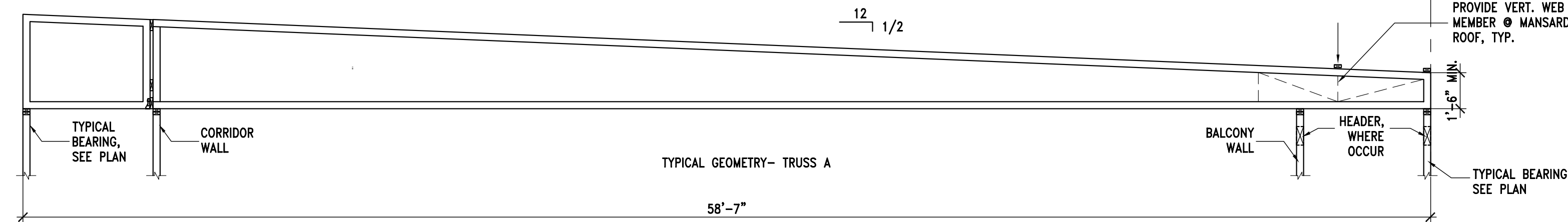
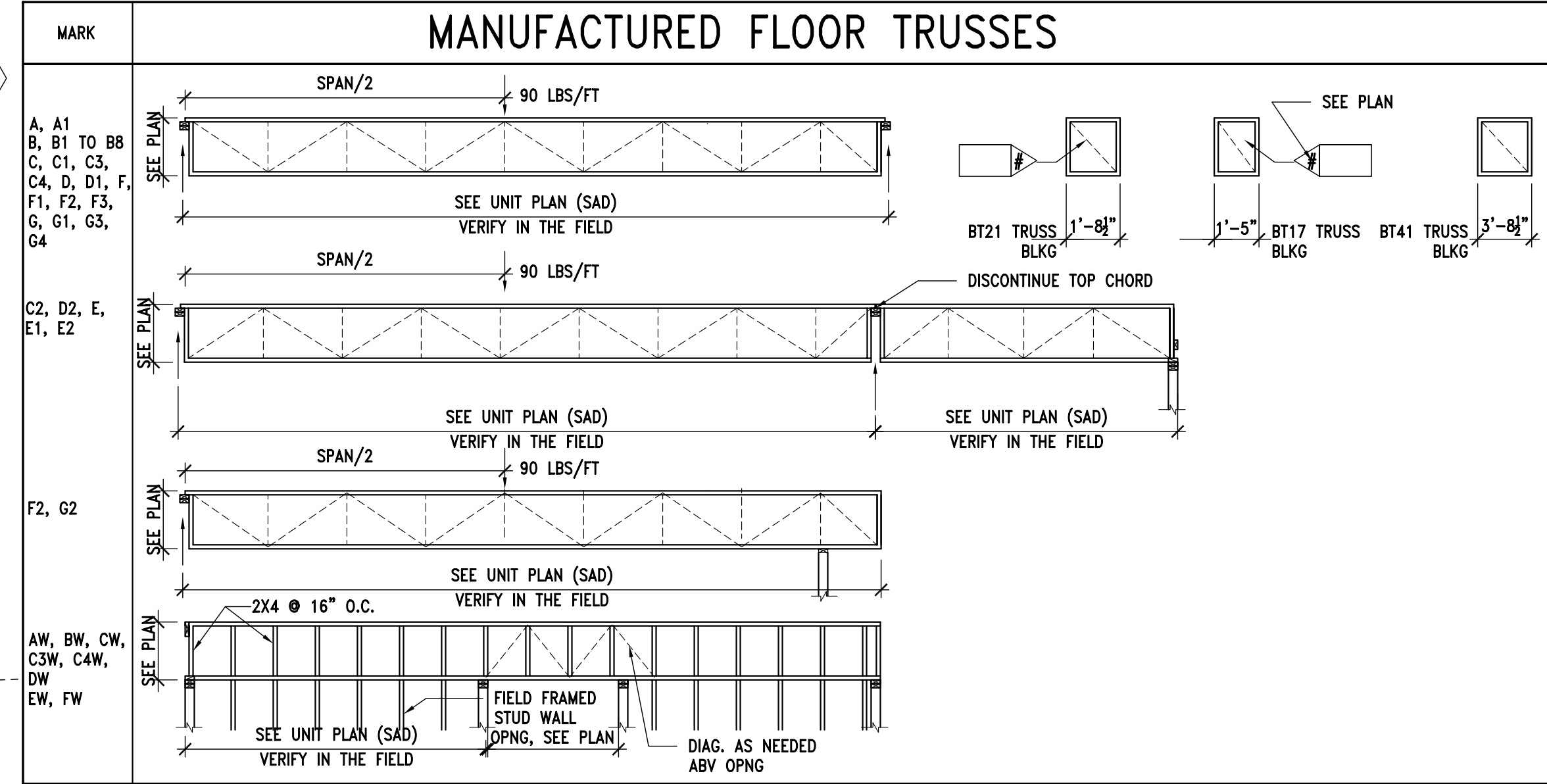


## MANUFACTURED ROOF TRUSSES



## MANUFACTURED FLOOR TRUSSES



#	FLAT MANUFACTURED TRUSS	#	PLAN NOTES																																																														
4.	<table><tr><th>ITEM</th><th>LOADS</th><th>DEFLECTION</th></tr><tr><td colspan="3">FLAT (PITCH &lt; 1" EVERY 12") 2X ROOF TRUSSES</td></tr><tr><td>TOP CHORD</td><td>DEAD LOAD = 10 PSF *</td><td>T.C. B.C.</td></tr><tr><td></td><td>LIVE LOAD = 20 PSF *</td><td>L/180</td></tr><tr><td>BOTTOM CHORD</td><td>DEAD LOAD = 8 PSF *</td><td></td></tr><tr><td></td><td>LIVE LOAD = 10 PSF **</td><td>L/360</td></tr><tr><td>TRUSS</td><td>TOTAL LOAD = 38 PSF *</td><td>L/180 L/240</td></tr><tr><td colspan="3">2X ROOF TRUSSES (PITCH &gt; 4" EVERY 12")</td></tr><tr><td>TOP CHORD</td><td>DEAD LOAD = 15 PSF *</td><td>T.C. B.C.</td></tr><tr><td></td><td>LIVE LOAD = 16 PSF *</td><td>L/180</td></tr><tr><td>BOTTOM CHORD</td><td>DEAD LOAD = 7 PSF *</td><td></td></tr><tr><td></td><td>LIVE LOAD = 10 PSF **</td><td>L/360</td></tr><tr><td>TRUSS</td><td>TOTAL LOAD = 38 PSF *</td><td>L/180 L/240</td></tr><tr><td colspan="3">4X2 FLOOR TRUSSES.</td></tr><tr><td>TOP CHORD</td><td>DEAD LOAD = 20 PSF *</td><td>T.C. B.C.</td></tr><tr><td></td><td>LIVE LOAD = 40 PSF *</td><td>L/180</td></tr><tr><td>BOTTOM CHORD</td><td>DEAD LOAD = 8 PSF *</td><td></td></tr><tr><td></td><td>LIVE LOAD = 0 PSF **</td><td>L/360</td></tr><tr><td>TRUSS</td><td>TOTAL LOAD = 68 PSF *</td><td>L/180 L/240</td></tr></table> <p>* DOES NOT INCLUDE TRUSS OWN WEIGHT. ** NOT APPLIED SIMULTANEOUSLY WITH TOP CHORD LIVE LOAD.</p>	ITEM	LOADS	DEFLECTION	FLAT (PITCH < 1" EVERY 12") 2X ROOF TRUSSES			TOP CHORD	DEAD LOAD = 10 PSF *	T.C. B.C.		LIVE LOAD = 20 PSF *	L/180	BOTTOM CHORD	DEAD LOAD = 8 PSF *			LIVE LOAD = 10 PSF **	L/360	TRUSS	TOTAL LOAD = 38 PSF *	L/180 L/240	2X ROOF TRUSSES (PITCH > 4" EVERY 12")			TOP CHORD	DEAD LOAD = 15 PSF *	T.C. B.C.		LIVE LOAD = 16 PSF *	L/180	BOTTOM CHORD	DEAD LOAD = 7 PSF *			LIVE LOAD = 10 PSF **	L/360	TRUSS	TOTAL LOAD = 38 PSF *	L/180 L/240	4X2 FLOOR TRUSSES.			TOP CHORD	DEAD LOAD = 20 PSF *	T.C. B.C.		LIVE LOAD = 40 PSF *	L/180	BOTTOM CHORD	DEAD LOAD = 8 PSF *			LIVE LOAD = 0 PSF **	L/360	TRUSS	TOTAL LOAD = 68 PSF *	L/180 L/240	<table><tr><td>1.</td><td>DIMENSIONS SHOWN ARE FOR DESIGN AND BIDDING PURPOSES ONLY. TRUSS MANUFACTURER SHALL VERIFY ALL DIMENSIONS IN THE FIELD AFTER FRAMING IS COMPLETE AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ENGINEER.</td></tr><tr><td>2.</td><td>PREFABRICATED TRUSSES A. FABRICATION. BY A FABRICATOR APPROVED BY BUILDING OFFICIAL AND THIS ENGINEER. B. PLATES. SUBMIT ICBO PRODUCT APPROVED EVALUATION REPORT. C. LUMBER. GRADE STAMPED DOUGLAS FIR. D. CALCULATIONS AND DRAWINGS. SUBMIT FOR REVIEW SHOP DRAWINGS AND STRUCTURAL CALCULATIONS PREPARED AND SIGNED BY A CALIFORNIA REGISTERED CIVIL OR STRUCTURAL ENGINEER PRIOR TO FABRICATION. SUBMIT REVIEWED SHOP DRAWINGS AND CALCULATIONS TO THE BUILDING OFFICIAL. SPECIFY REQUIRED HANGERS AND BRACING. SHOW REQUIRED DETAILS AND TRUSS LAYOUT. E. SUPPLY REQUIRED BLOCKING, PLATES, BRIDGING, HANGERS AND CLIPS. F. CHANGES. SUBMIT DRAWINGS AND CALCULATIONS FOR REVIEW PRIOR TO ANY CHANGES.</td></tr><tr><td>3.</td><td>THE TRUSS LAYOUT TO BE SYMMETRIC ABOUT THE MID-POINT BETWEEN THE CORNERS OF THE HIPPED ROOF, SEE PLAN.</td></tr></table> <div><div>LEGEND:</div><div><div>X A X 2 5</div><div>INDICATES LENGTH ROUNDED TO CLOSEST FOOT</div><div>INDICATES TRUSS IS CUT ON THE RIGHT END</div><div>INDICATES TRUSS GEOMETRY IS DERIVED FROM TYPICAL TRUSS A</div><div>X A X 2 5</div><div>INDICATES TRUSS IS CUT ON THE LEFT END</div><div>X A X 2 5</div><div>INDICATES TRUSS IS CUT ON LEFT &amp; RIGHT END</div></div></div>	1.	DIMENSIONS SHOWN ARE FOR DESIGN AND BIDDING PURPOSES ONLY. TRUSS MANUFACTURER SHALL VERIFY ALL DIMENSIONS IN THE FIELD AFTER FRAMING IS COMPLETE AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ENGINEER.	2.	PREFABRICATED TRUSSES A. FABRICATION. BY A FABRICATOR APPROVED BY BUILDING OFFICIAL AND THIS ENGINEER. B. PLATES. SUBMIT ICBO PRODUCT APPROVED EVALUATION REPORT. C. LUMBER. GRADE STAMPED DOUGLAS FIR. D. CALCULATIONS AND DRAWINGS. SUBMIT FOR REVIEW SHOP DRAWINGS AND STRUCTURAL CALCULATIONS PREPARED AND SIGNED BY A CALIFORNIA REGISTERED CIVIL OR STRUCTURAL ENGINEER PRIOR TO FABRICATION. SUBMIT REVIEWED SHOP DRAWINGS AND CALCULATIONS TO THE BUILDING OFFICIAL. SPECIFY REQUIRED HANGERS AND BRACING. SHOW REQUIRED DETAILS AND TRUSS LAYOUT. E. SUPPLY REQUIRED BLOCKING, PLATES, BRIDGING, HANGERS AND CLIPS. F. CHANGES. SUBMIT DRAWINGS AND CALCULATIONS FOR REVIEW PRIOR TO ANY CHANGES.	3.	THE TRUSS LAYOUT TO BE SYMMETRIC ABOUT THE MID-POINT BETWEEN THE CORNERS OF THE HIPPED ROOF, SEE PLAN.
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